

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018801.D
 Acq On : 13 Feb 2019 11:57
 Operator : JU/SJ
 Sample : PB117038BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 13 12:57:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	288697	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1242784	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	741715	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1697411	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1847288	20.00	ng	0.00
87) Perylene-d12	23.56	264	1752659	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1403692	79.67	ng	0.00
7) Phenol-d6	6.89	99	2061867	83.07	ng	0.00
23) Nitrobenzene-d5	8.88	82	2198494	81.80	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	885554	82.83	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4459421	79.81	ng	0.00
79) Terphenyl-d14	19.75	244	8157780	91.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	315608	41.125	ng	99
3) Pyridine	3.65	79	966547	46.173	ng	99
4) n-Nitrosodimethylamine	3.57	42	267340	50.202	ng	95
6) Aniline	7.05	93	1420382	46.703	ng	99
8) 2-Chlorophenol	7.28	128	845635	43.713	ng	98
9) Benzaldehyde	6.87	77	625393	48.847	ng	99
10) Phenol	6.91	94	1162548	44.512	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	857104	43.021	ng	100
12) 1,3-Dichlorobenzene	7.59	146	900263	41.386	ng	99
13) 1,4-Dichlorobenzene	7.75	146	919199	41.508	ng	99
14) 1,2-Dichlorobenzene	8.06	146	888272	41.759	ng	99
15) Benzyl Alcohol	7.96	79	898009	45.531	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	815716	42.303	ng	98
17) 2-Methylphenol	8.15	107	747097	44.943	ng	99
18) Hexachloroethane	8.78	117	341469	42.240	ng	98
19) n-Nitroso-di-n-propylamine	8.52	70	856360	44.558	ng	100
20) 3+4-Methylphenols	8.49	107	1029010	44.829	ng	98
22) Acetophenone	8.54	105	1420659	41.626	ng	# 99
24) Nitrobenzene	8.92	77	1188885	42.614	ng	100
25) Isophorone	9.44	82	2152715	50.196	ng	99
26) 2-Nitrophenol	9.62	139	481202	43.311	ng	99
27) 2,4-Dimethylphenol	9.68	122	808044	49.795	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1234879	44.528	ng	100
29) 2,4-Dichlorophenol	10.15	162	824952	44.274	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	879289	40.862	ng	98
31) Naphthalene	10.55	128	2721098	44.894	ng	99
32) Benzoic acid	9.84	122	543841	38.420	ng	94
33) 4-Chloroaniline	10.68	127	1222139	45.107	ng	99
34) Hexachlorobutadiene	10.82	225	483576	38.717	ng	99
35) Caprolactam	11.50	113	231632	30.460	ng	100
36) 4-Chloro-3-methylphenol	11.80	107	998183	44.432	ng	99
37) 2-Methylnaphthalene	12.17	142	2035952	47.709	ng	99
38) 1-Methylnaphthalene	12.39	142	1933819	46.341	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	966259	40.724	ng	99

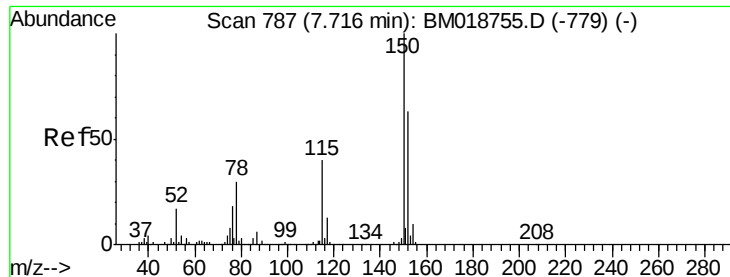
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1243786	102.531	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	688449	43.830	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	725465	44.066	ng	99
46) 1,1'-Biphenyl	13.19	154	2585329	40.494	ng	100
47) 2-Chloronaphthalene	13.23	162	2016071	40.883	ng	99
48) 2-Nitroaniline	13.46	65	728751	44.496	ng	98
49) Acenaphthylene	14.08	152	3362072	45.787	ng	99
50) Dimethylphthalate	13.83	163	2645360	42.795	ng	99
51) 2,6-Dinitrotoluene	13.96	165	587866	43.902	ng	97
52) Acenaphthene	14.43	154	1917052	42.578	ng	99
53) 3-Nitroaniline	14.29	138	629030	41.576	ng	99
54) 2,4-Dinitrophenol	14.50	184	509599	61.419	ng	97
55) Dibenzofuran	14.76	168	3127332	42.259	ng	100
56) 4-Nitrophenol	14.60	139	1031165	85.378	ng	99
57) 2,4-Dinitrotoluene	14.75	165	837155	45.376	ng	99
58) Fluorene	15.41	166	2566058	45.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	678382	46.618	ng	99
60) Diethylphthalate	15.19	149	2733863	42.875	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	1272448	40.086	ng	98
62) 4-Nitroaniline	15.46	138	634922	42.806	ng	100
63) Azobenzene	15.70	77	2933914	42.913	ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	405472	34.023	ng	99
66) n-Nitrosodiphenylamine	15.63	169	2245267	41.867	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	766822	40.360	ng	98
68) Hexachlorobenzene	16.41	284	896311	40.586	ng	95
69) Atrazine	16.59	200	774702	44.809	ng	99
70) Pentachlorophenol	16.76	266	1134026	79.751	ng	99
71) Phenanthrene	17.16	178	4076849	44.692	ng	100
72) Anthracene	17.25	178	4187591	47.164	ng	100
73) Carbazole	17.53	167	3850569	41.510	ng	99
74) Di-n-butylphthalate	18.08	149	4745452	44.482	ng	100
75) Fluoranthene	19.17	202	4788734	45.446	ng	98
77) Benzidine	19.38	184	5429129	130.497	ng	100
78) Pyrene	19.54	202	4919727	45.855	ng	100
80) Butylbenzylphthalate	20.45	149	2272242	46.471	ng	100
81) Benzo(a)anthracene	21.29	228	4892203	45.432	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1877007	44.105	ng	99
83) Chrysene	21.34	228	4575273	44.329	ng	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	3304240	46.172	ng	99
85) Di-n-octyl phthalate	22.10	149	5651326	46.985	ng	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	4705516	39.488	ng	100
88) Benzo(b)fluoranthene	22.89	252	4817244	48.040	ng	100
89) Benzo(k)fluoranthene	22.93	252	4591711	45.995	ng	100
90) Benzo(a)pyrene	23.47	252	4442381	46.765	ng	98
91) Dibenzo(a,h)anthracene	25.87	278	4031191	42.833	ng	99
92) Benzo(g,h,i)perylene	26.56	276	3665943	41.840	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

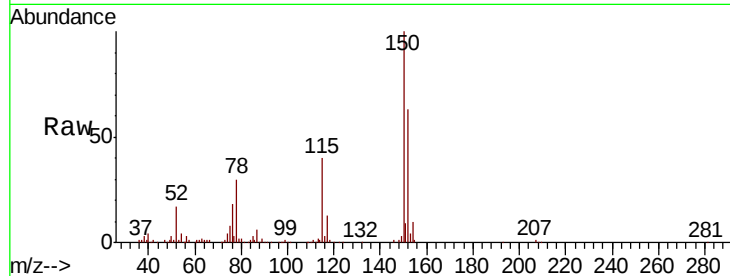


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.3	190.9
115	63.5	50.8	76.2

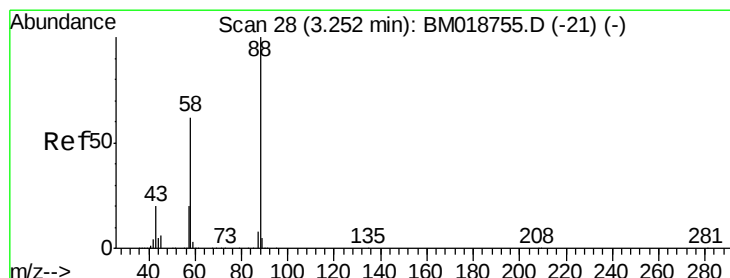
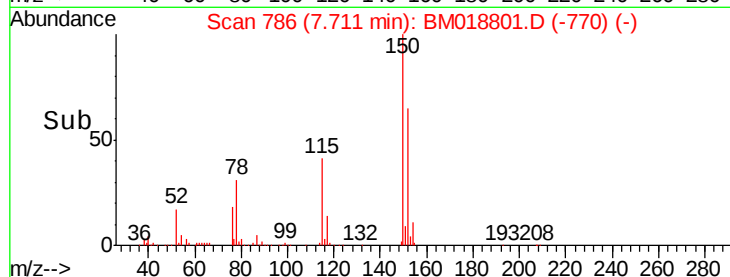
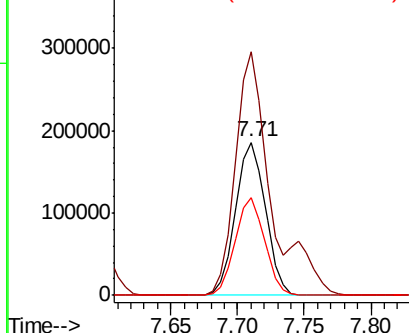


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

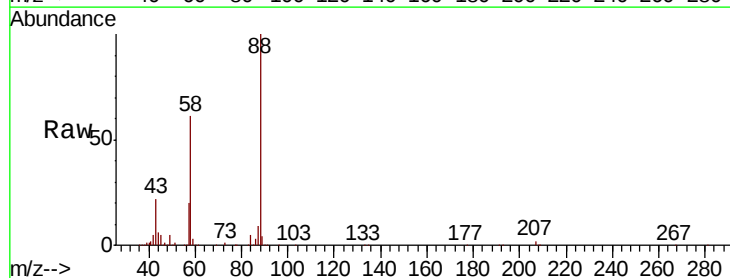
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.125 ng
RT: 3.25 min Scan# 28
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	49.8	74.6
43	21.5	16.7	25.1

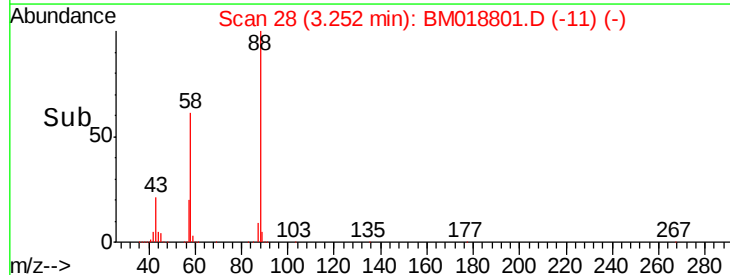
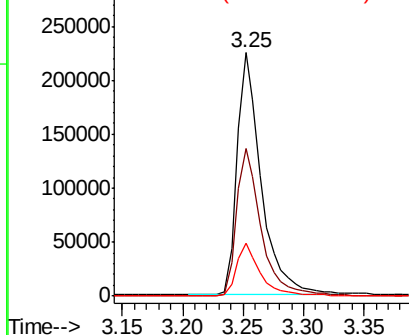


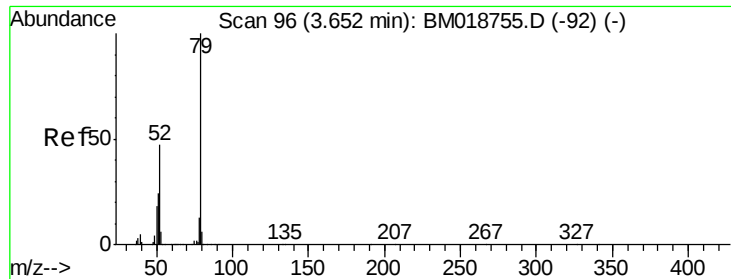
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 46.173 ng

RT: 3.65 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

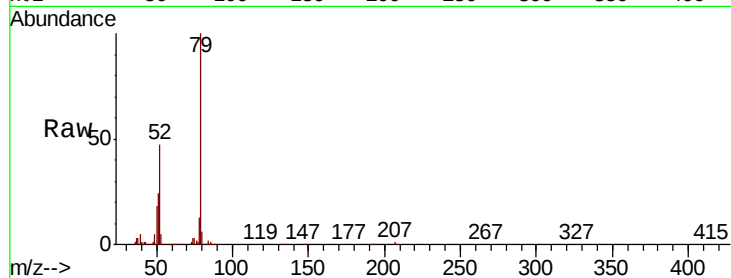
Tot Ion: 79 Resp: 966547

Ion Ratio Lower Upper

79 100

52 46.7 37.6 56.4

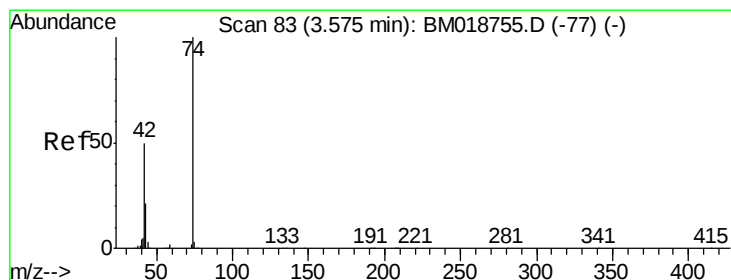
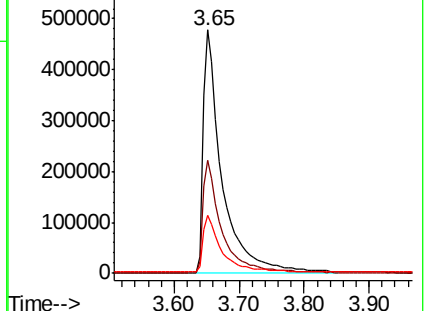
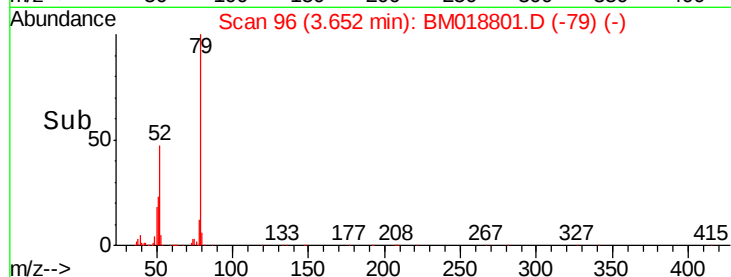
51 24.0 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018801.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM018801.D (-52) (-)

Ion 51.00 (50.70 to 51.70): BM018801.D (-51) (-)



#4

n-Nitrosodimethylamine

Concen: 50.202 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

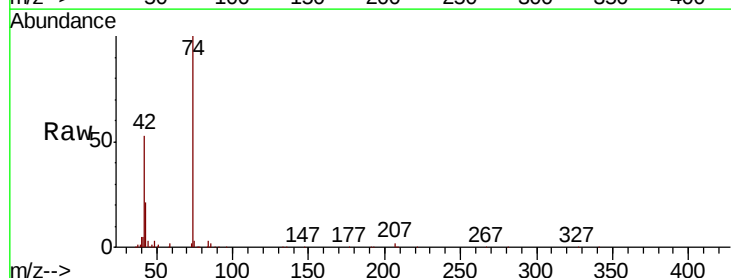
Tgt Ion: 42 Resp: 267340

Ion Ratio Lower Upper

42 100

74 189.8 158.1 237.1

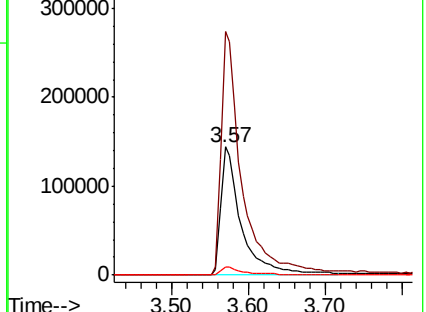
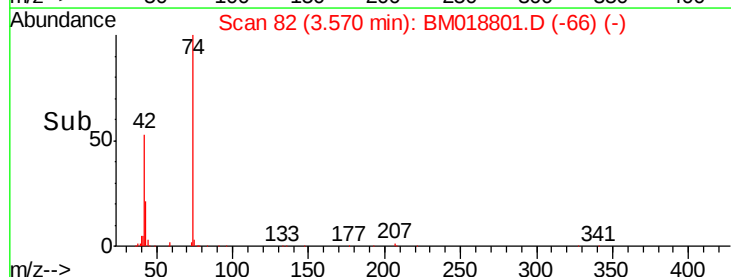
44 6.4 4.9 7.3

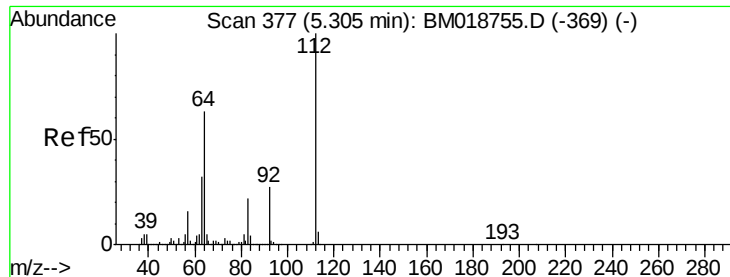


Abundance Ion 42.00 (41.70 to 42.70): BM018801.D (-42) (-)

Ion 74.00 (73.70 to 74.70): BM018801.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BM018801.D (-44) (-)





#5

2-Fluorophenol

Concen: 79.665 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

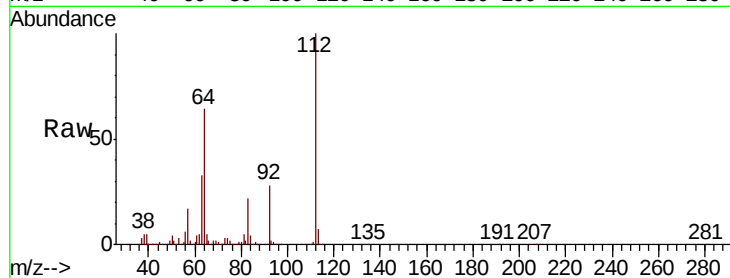
Tot Ion:112 Resp: 1403692

Ion Ratio Lower Upper

112 100

64 63.9 50.6 75.8

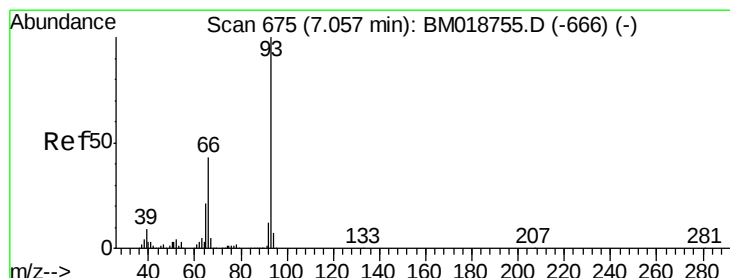
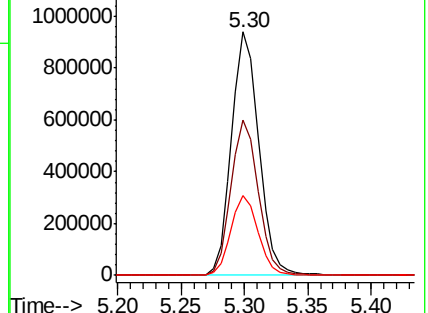
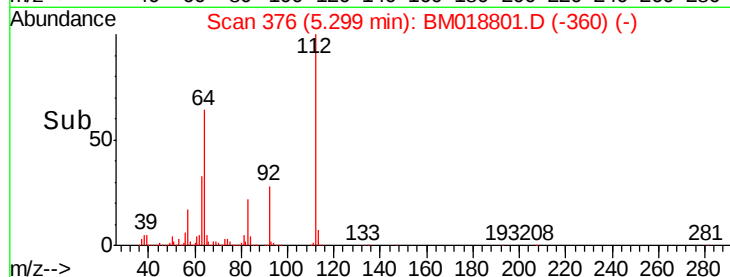
63 32.8 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 46.703 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

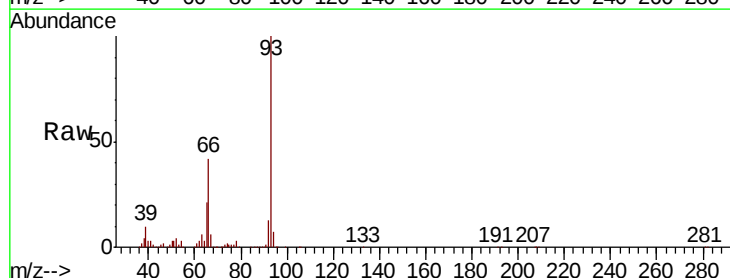
Tgt Ion: 93 Resp: 1420382

Ion Ratio Lower Upper

93 100

66 42.1 34.1 51.1

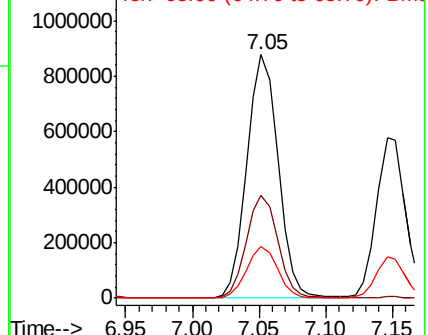
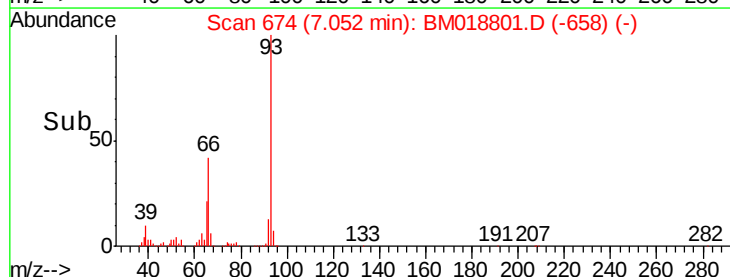
65 21.3 16.6 24.8

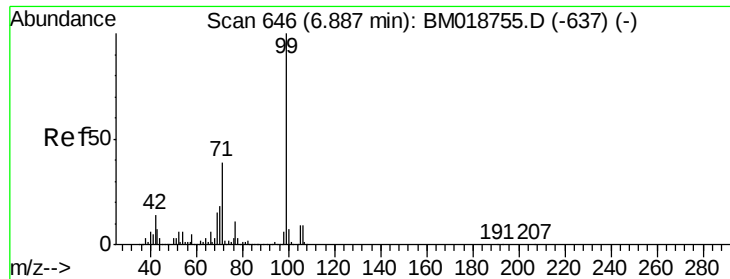


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 83.066 ng

RT: 6.89 min Scan# 646

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

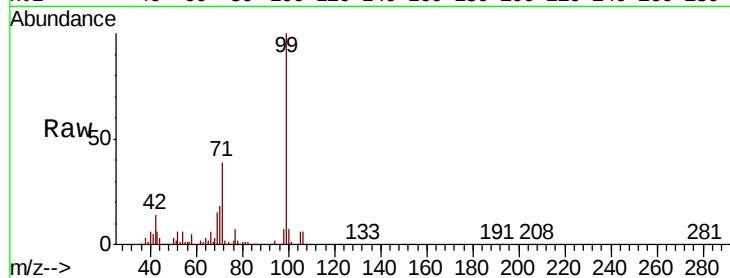
Tot Ion: 99 Resp: 2061867

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

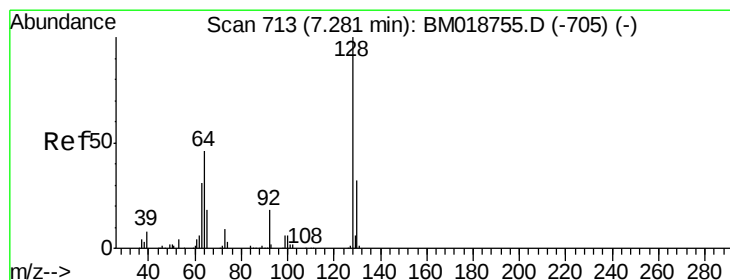
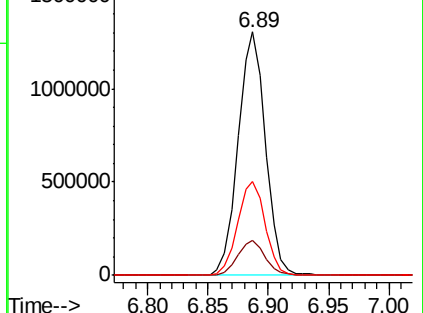
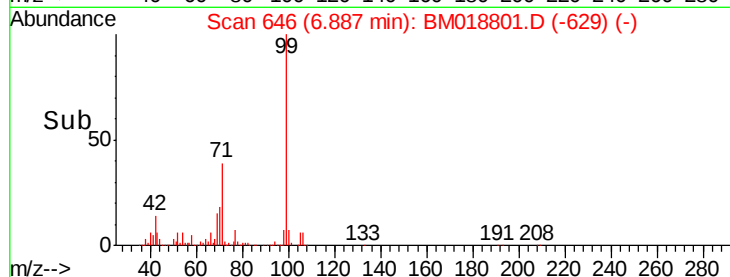
71 38.7 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018801.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018801.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018801.D (-629) (-)



#8

2-Chlorophenol

Concen: 43.713 ng

RT: 7.28 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

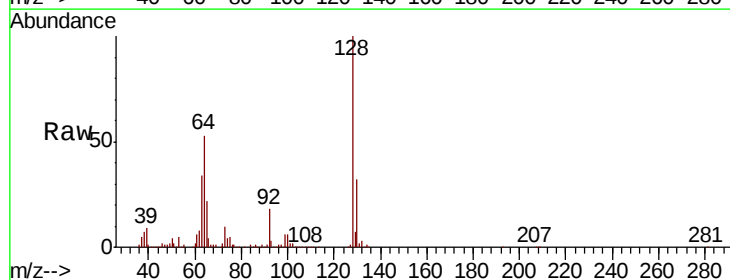
Tgt Ion: 128 Resp: 845635

Ion Ratio Lower Upper

128 100

130 32.1 11.7 51.7

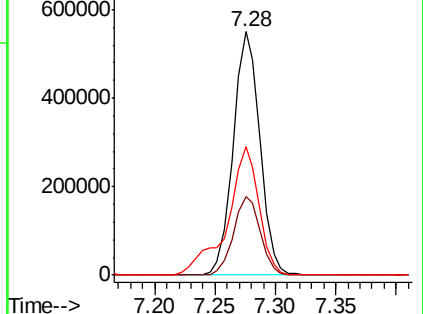
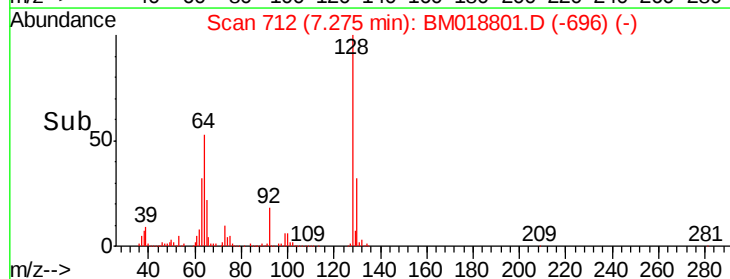
64 52.5 31.0 71.0

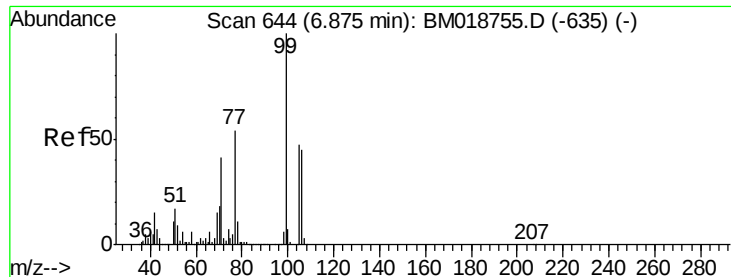


Abundance Ion 128.00 (127.70 to 128.70): BM018801.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018801.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018801.D (-696) (-)





#9

Benzaldehyde

Concen: 48.847 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

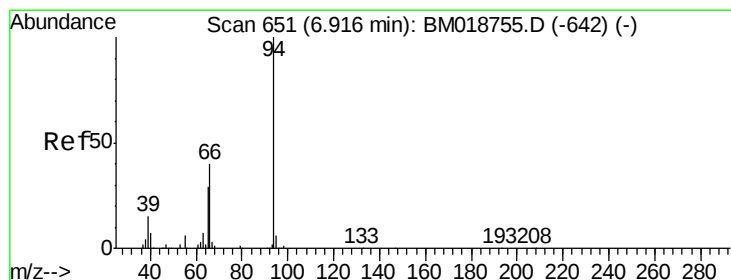
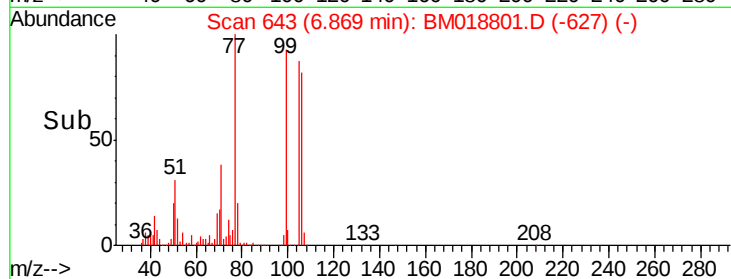
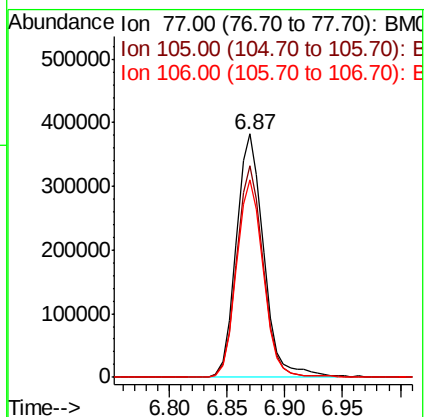
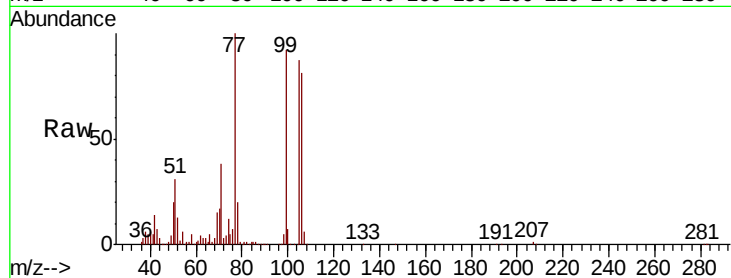
Tot Ion: 77 Resp: 625393

Ion Ratio Lower Upper

77 100

105 86.7 67.3 107.3

106 81.4 62.9 102.9



#10

Phenol

Concen: 44.512 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

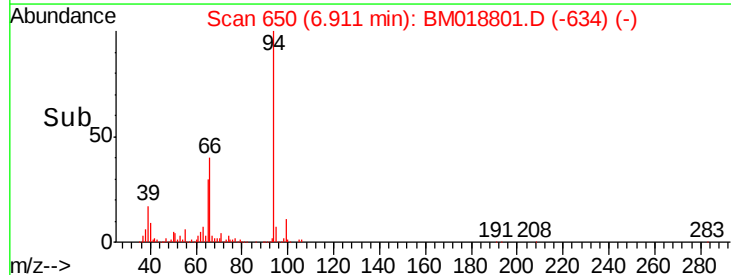
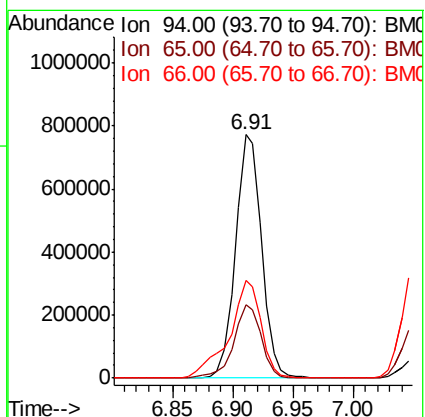
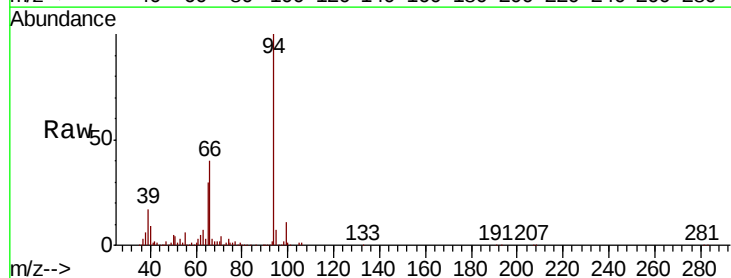
Tgt Ion: 94 Resp: 1162548

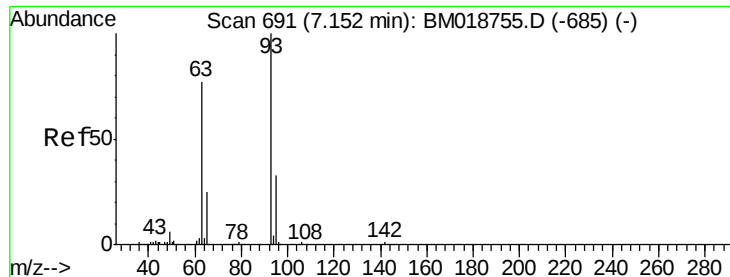
Ion Ratio Lower Upper

94 100

65 30.1 9.6 49.6

66 40.0 20.4 60.4

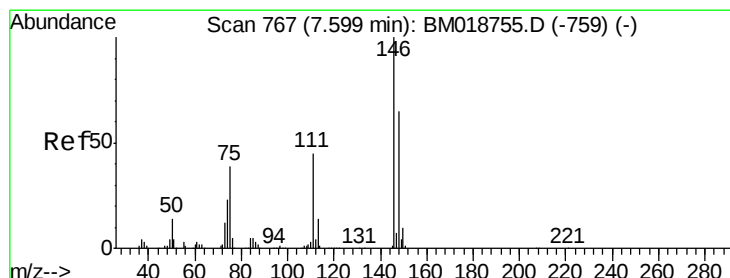
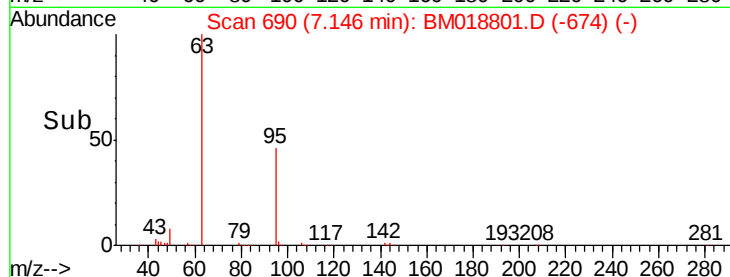
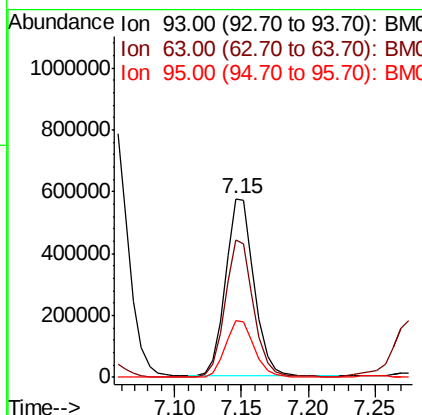
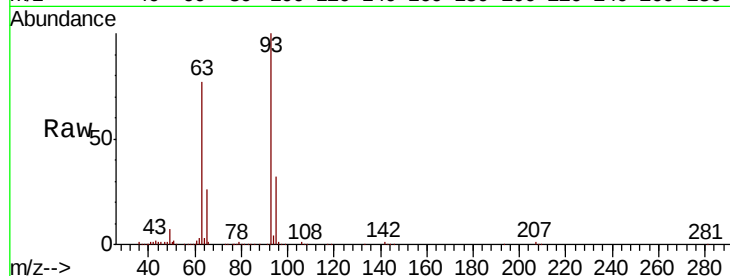




#11
bis(2-Chloroethyl)ether
Concen: 43.021 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

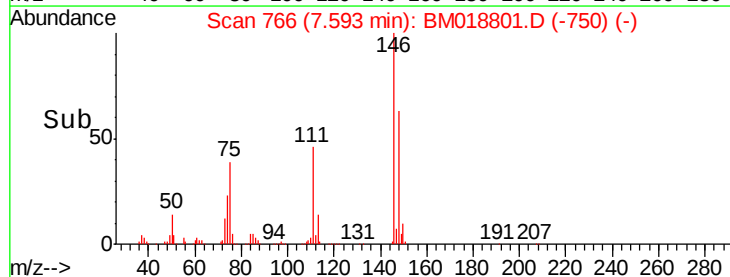
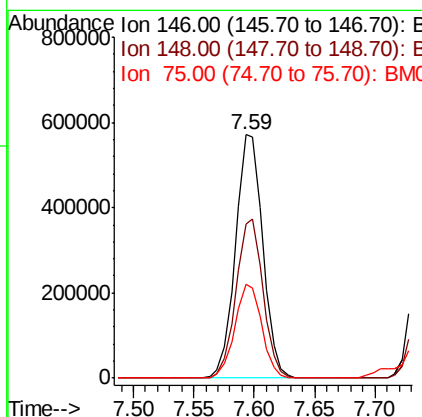
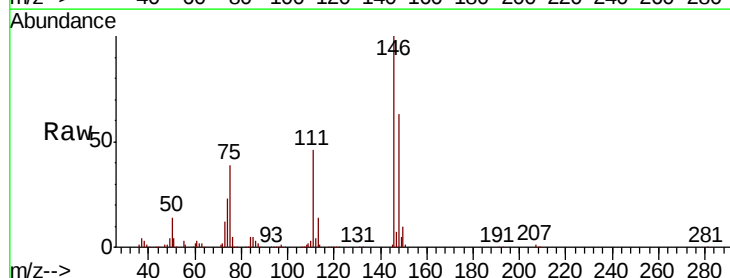
Instrument :
BNA_M
ClientSampleId :

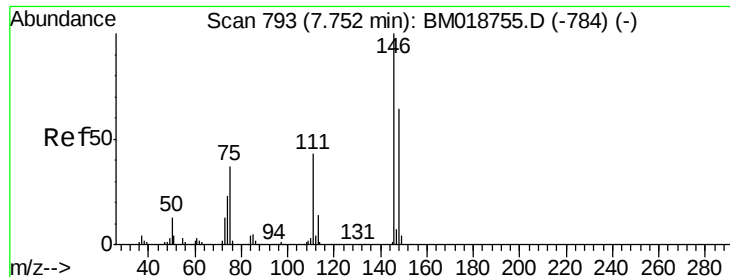
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.9	57.0	97.0
95	31.8	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 41.386 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.7	77.5
75	38.5	31.3	46.9

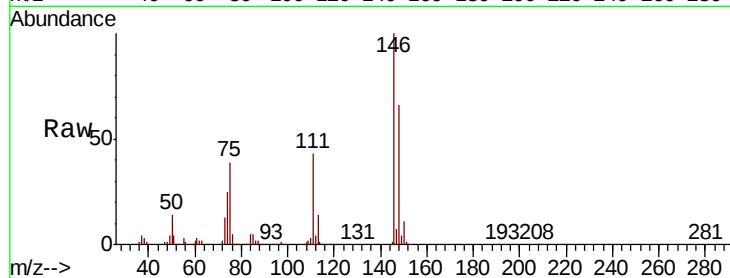




#13
 1,4-Dichlorobenzene
 Concen: 41.508 ng
 RT: 7.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.2
111	43.1	34.6	52.0

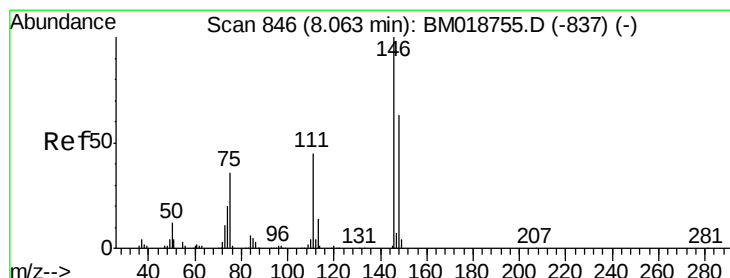
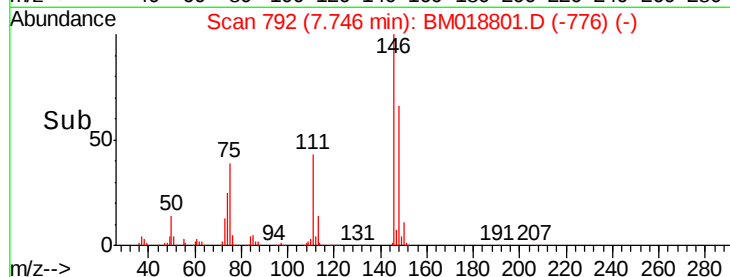
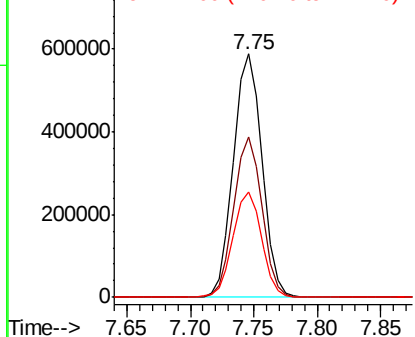


Abundance

Ion 146.00 (145.70 to 146.70): E

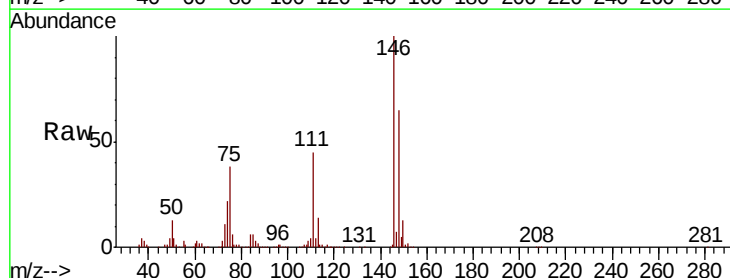
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.759 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
111	44.9	35.9	53.9

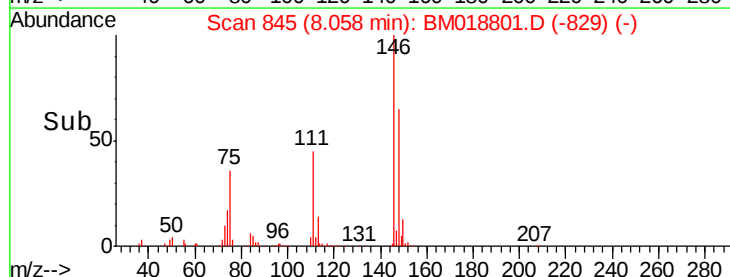
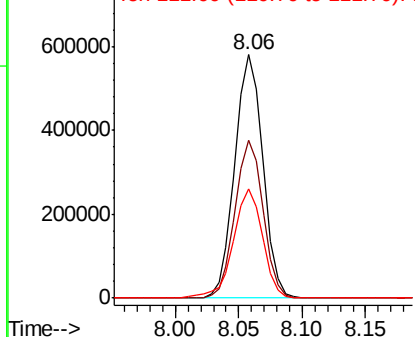


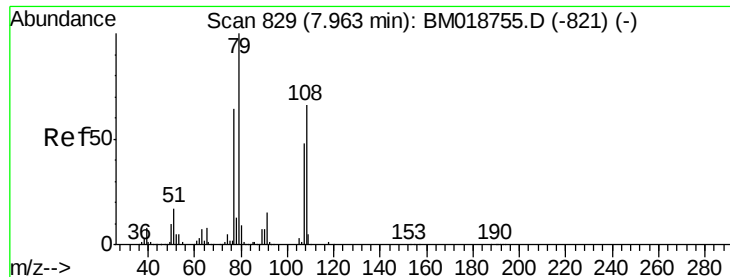
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.531 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

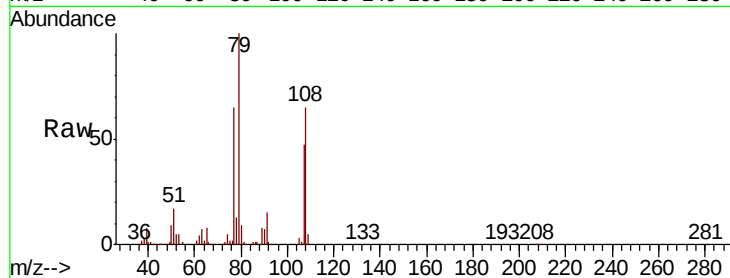
Tot Ion: 79 Resp: 898009

Ion Ratio Lower Upper

79 100

108 65.4 52.7 79.1

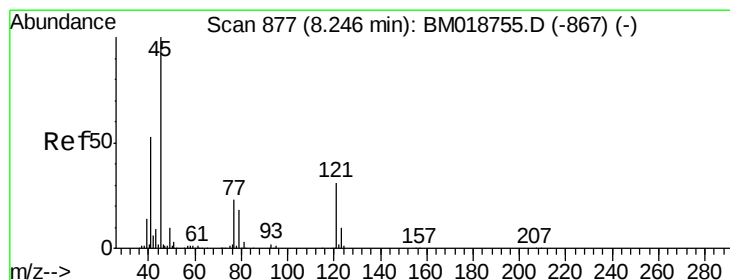
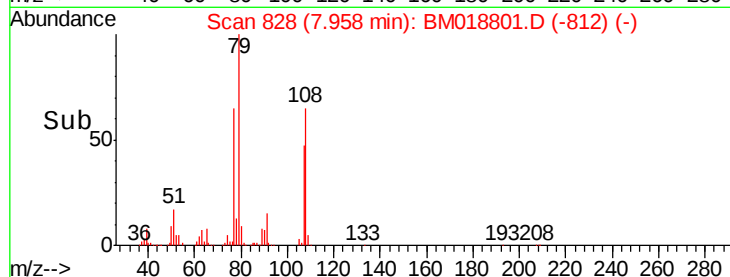
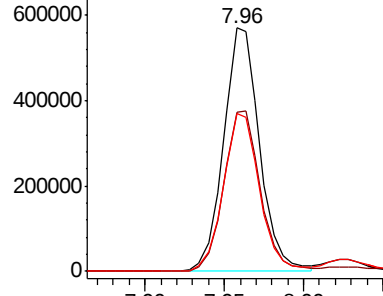
77 64.8 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.303 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

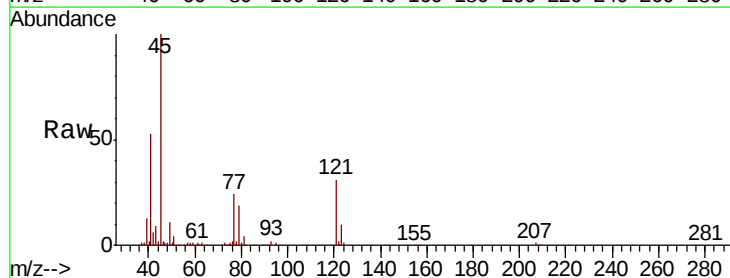
Tgt Ion: 45 Resp: 815716

Ion Ratio Lower Upper

45 100

77 24.1 5.0 45.0

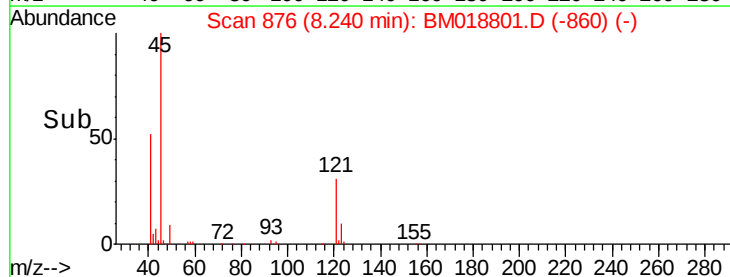
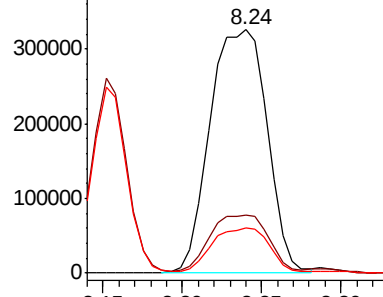
79 18.6 0.0 39.3

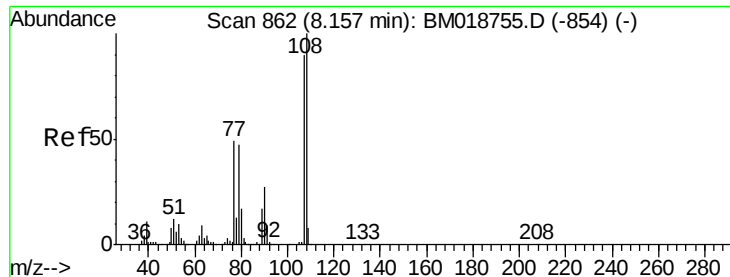


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-867) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-867) (-)





#17

2-Methylphenol

Concen: 44.943 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 747097

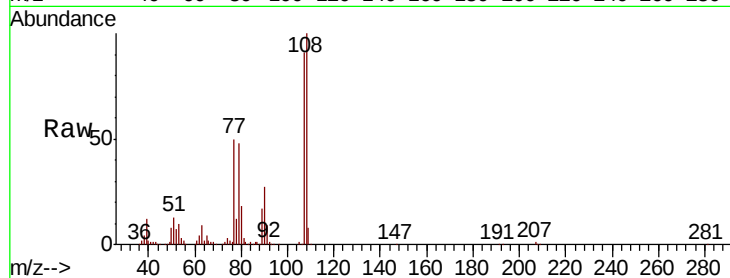
Ion Ratio Lower Upper

107 100

108 110.1 88.8 133.2

77 54.8 44.0 66.0

79 52.4 42.4 63.6

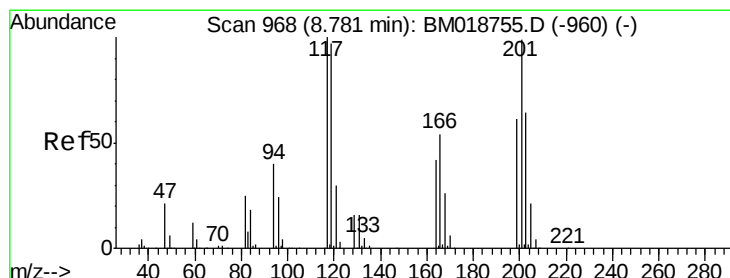
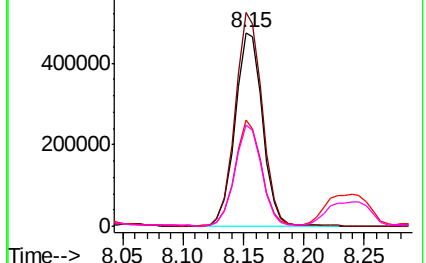
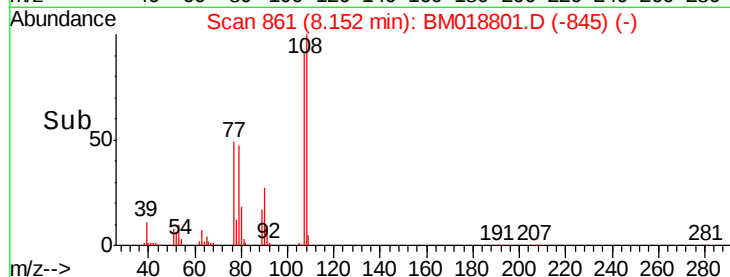


Abundance Ion 107.00 (106.70 to 107.70): E

800000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 42.240 ng

RT: 8.78 min Scan# 967

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

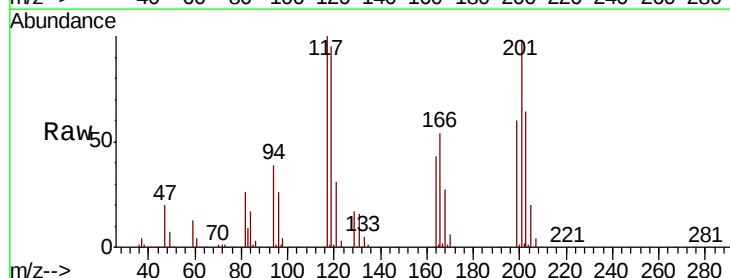
Tgt Ion:117 Resp: 341469

Ion Ratio Lower Upper

117 100

119 95.2 77.9 116.9

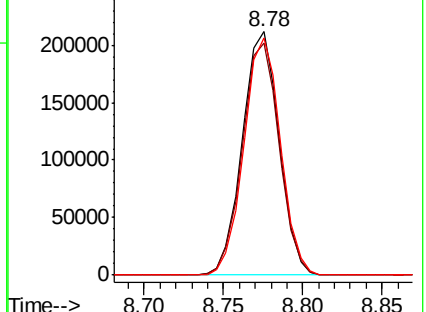
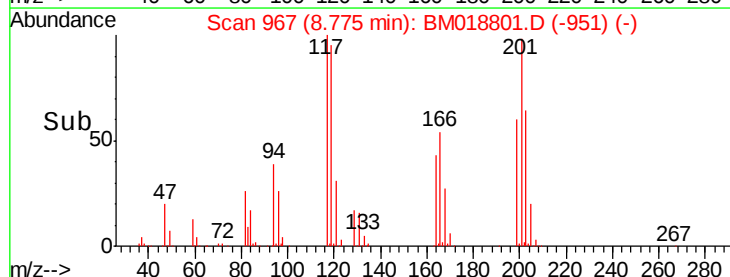
201 97.7 79.2 118.8

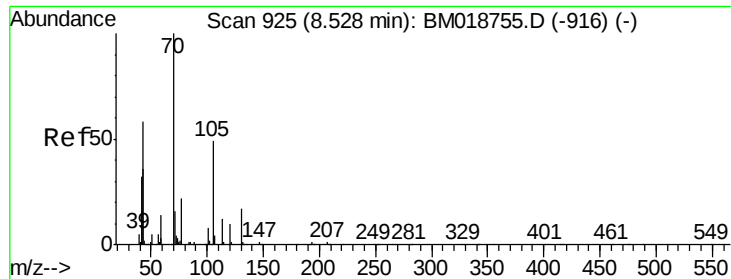


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

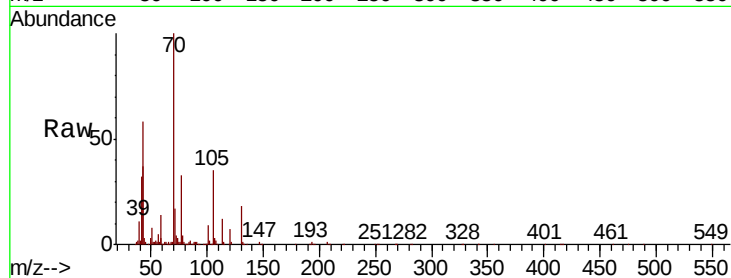




#19
n-Nitroso-di-n-propylamine
Concen: 44.558 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	856360
Ion	Ratio	Lower	Upper
70	100		
42	36.9	29.4	44.0
101	8.8	6.7	10.1
130	17.6	14.0	21.0



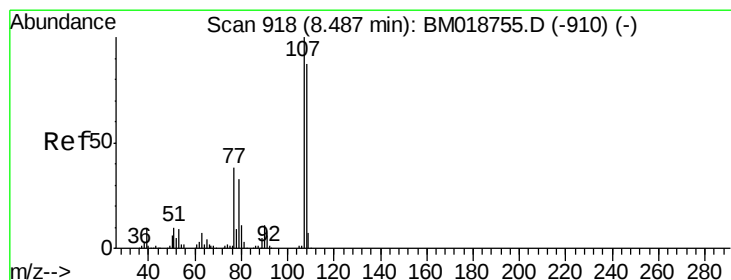
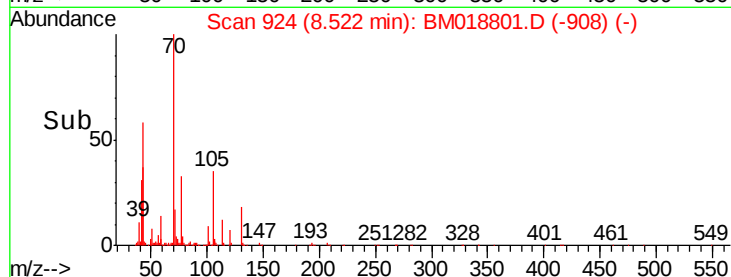
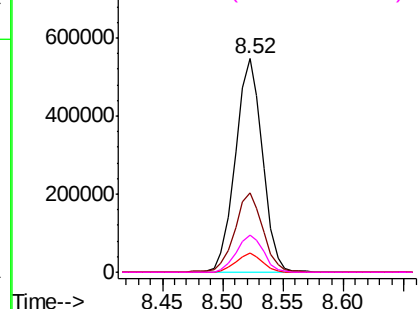
Abundance

Ion 70.00 (69.70 to 70.70): BM018801.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM018801.D (-908) (-)

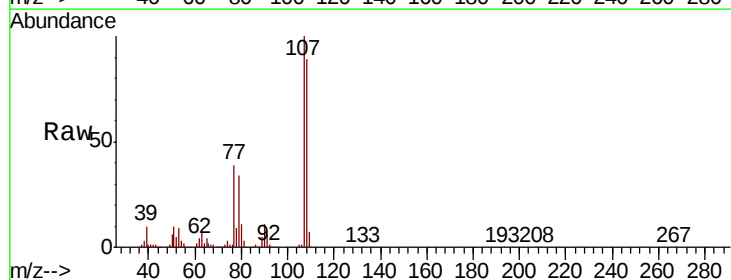
Ion 101.00 (100.70 to 101.70): BM018801.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM018801.D (-908) (-)



#20
3+4-Methylphenols
Concen: 44.829 ng
RT: 8.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:	107	Resp:	1029010
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.3	107.3
77	38.6	18.0	58.0
79	33.9	12.8	52.8



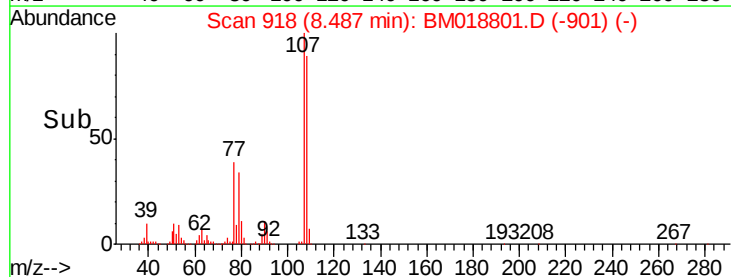
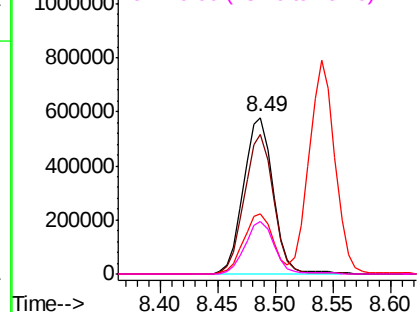
Abundance

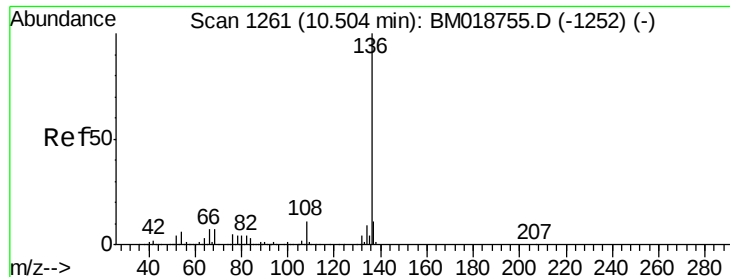
Ion 107.00 (106.70 to 107.70): BM018801.D (-901) (-)

Ion 108.00 (107.70 to 108.70): BM018801.D (-901) (-)

Ion 77.00 (76.70 to 77.70): BM018801.D (-901) (-)

Ion 79.00 (78.70 to 79.70): BM018801.D (-901) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1242784

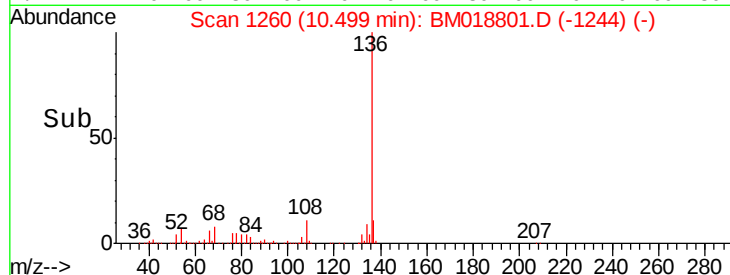
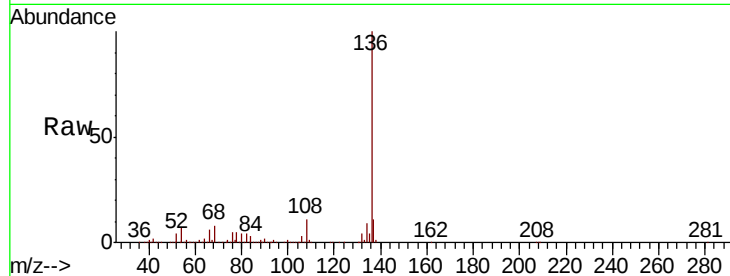
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.8 5.0 7.6

68 7.5 5.5 8.3

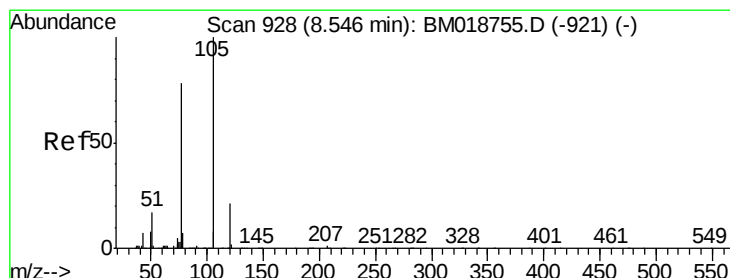
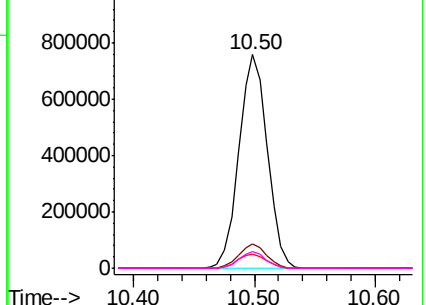


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 41.626 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion:105 Resp: 1420659

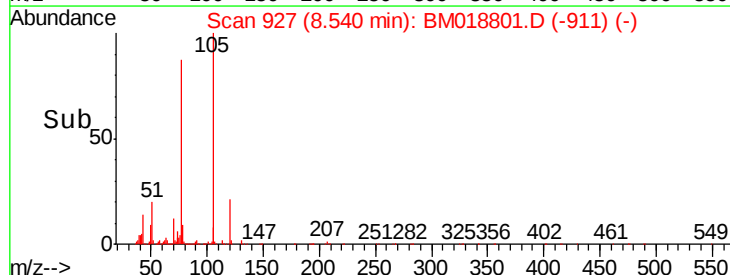
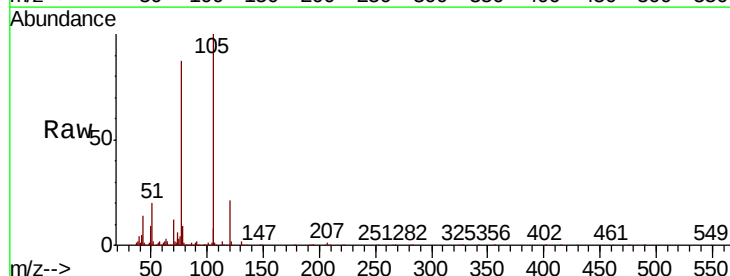
Ion Ratio Lower Upper

105 100

71 2.0 1.1 1.7#

51 19.7 15.5 23.3

120 20.8 17.0 25.4

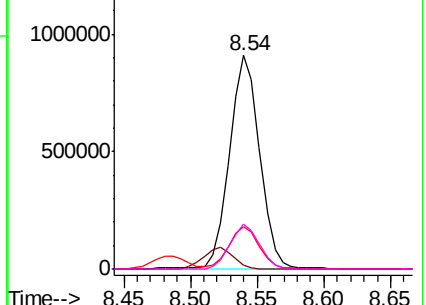


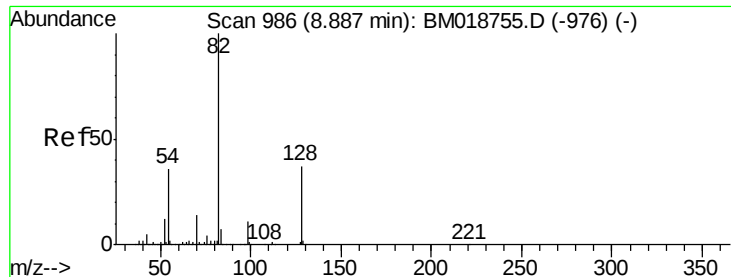
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

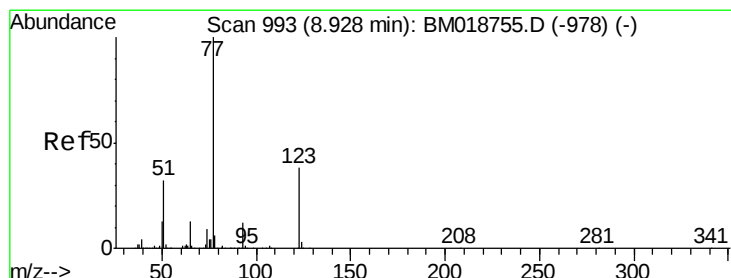
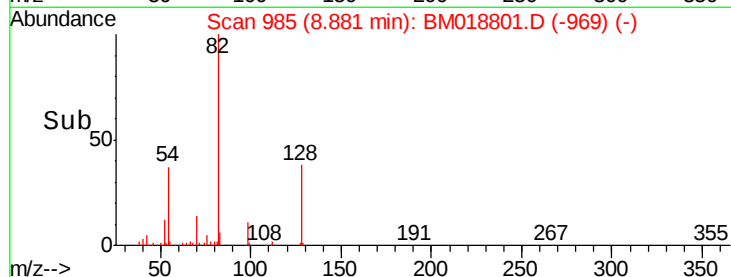
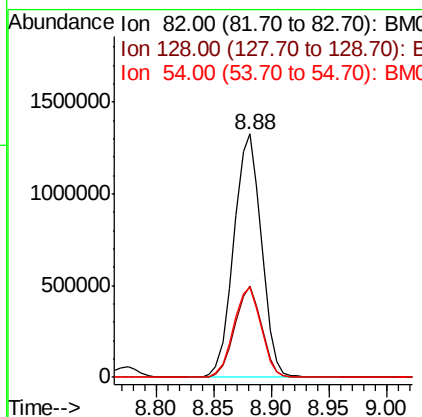
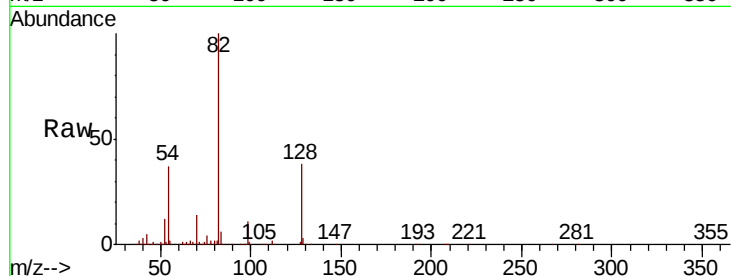




#23
 Nitrobenzene-d5
 Concen: 81.796 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

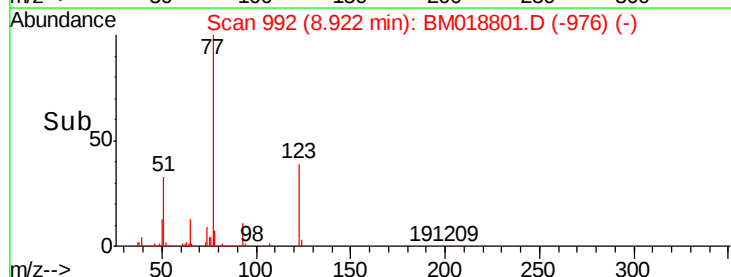
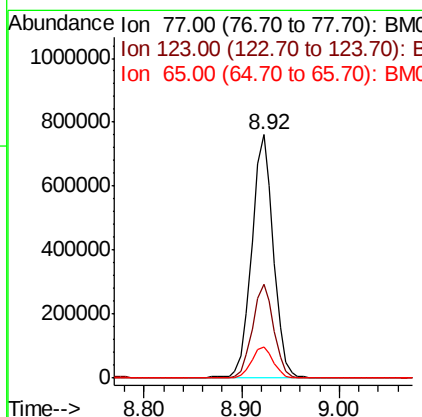
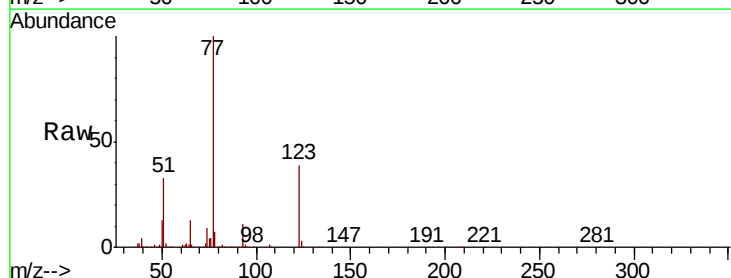
Instrument :
 BNA_M
 ClientSampleId :

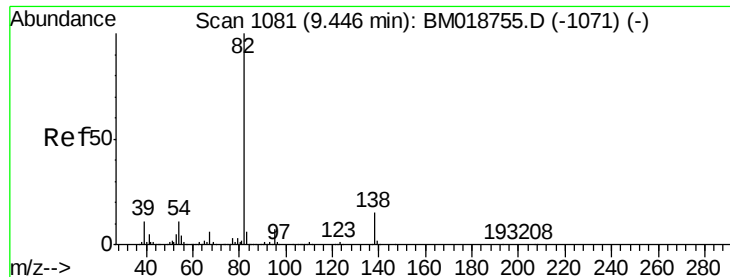
Tot Ion: 82 Resp: 2198494
 Ion Ratio Lower Upper
 82 100
 128 37.5 29.9 44.9
 54 36.8 29.1 43.7



#24
 Nitrobenzene
 Concen: 42.614 ng
 RT: 8.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion: 77 Resp: 1188885
 Ion Ratio Lower Upper
 77 100
 123 38.7 30.7 46.1
 65 13.0 10.5 15.7





#25

Isophorone

Concen: 50.196 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

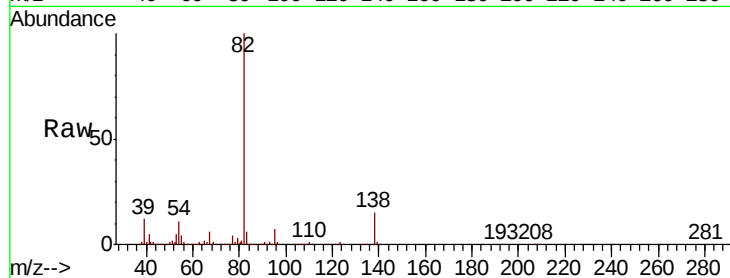
Tot Ion: 82 Resp: 2152715

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

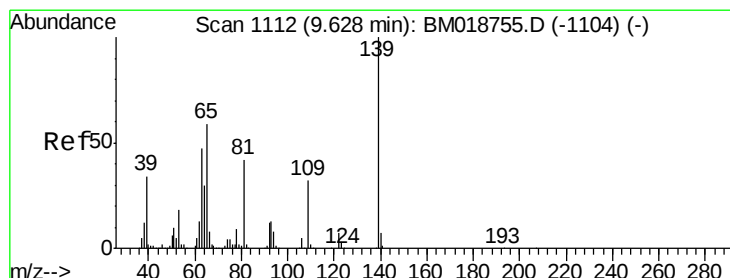
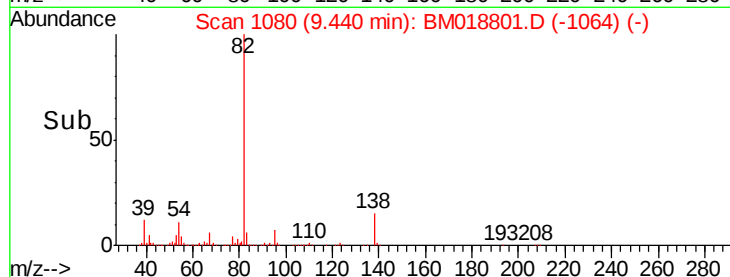
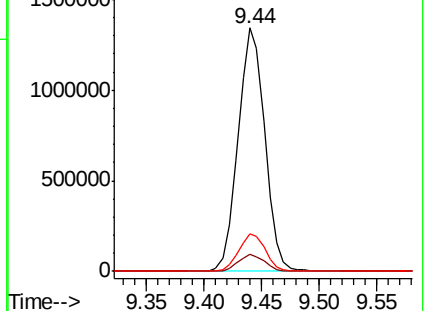
138 15.2 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018801.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018801.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018801.D (-1064) (-)



#26

2-Nitrophenol

Concen: 43.311 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

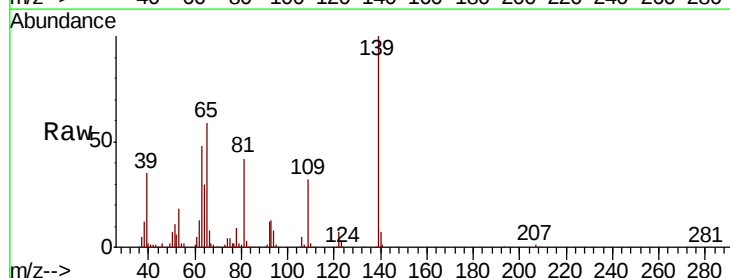
Tgt Ion: 139 Resp: 481202

Ion Ratio Lower Upper

139 100

109 31.9 25.2 37.8

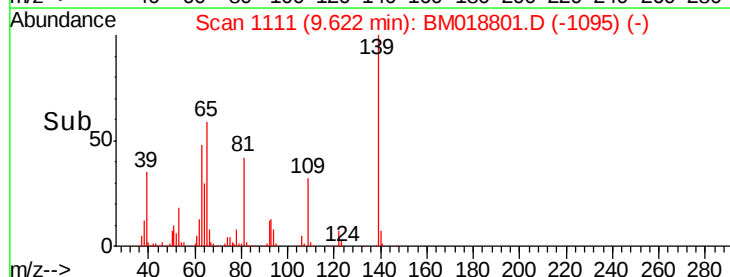
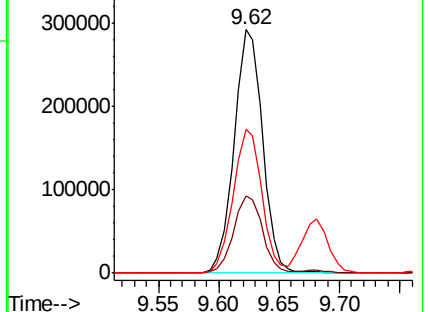
65 59.2 47.0 70.4

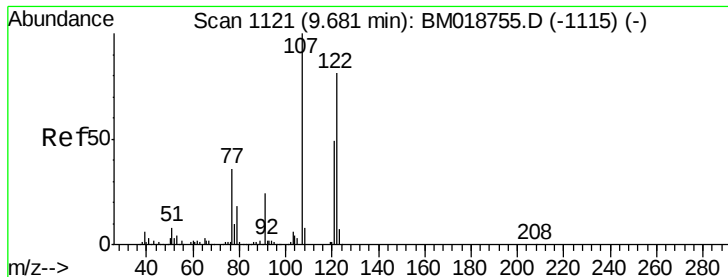


Abundance Ion 139.00 (138.70 to 139.70): BM018801.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018801.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018801.D (-1095) (-)

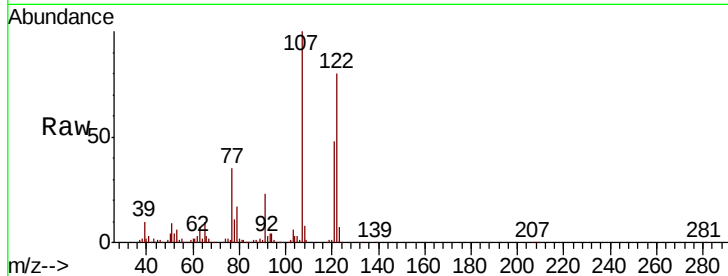




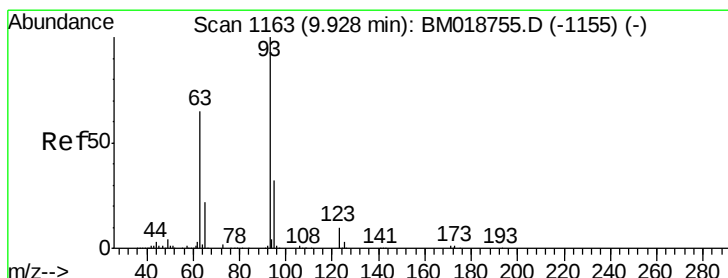
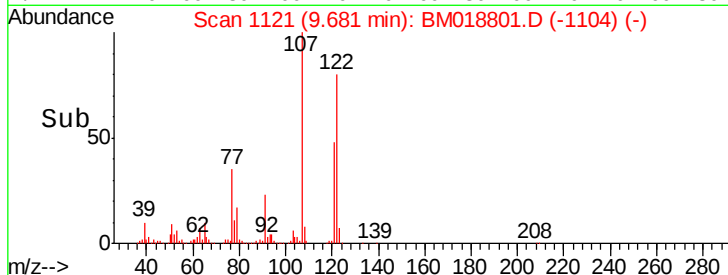
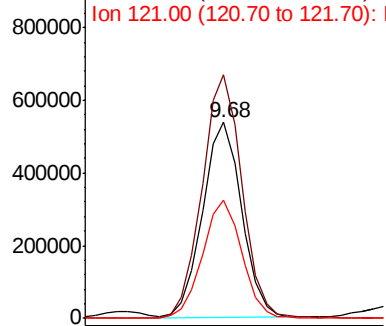
#27
 2,4-Dimethylphenol
 Concen: 49.795 ng
 RT: 9.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:122 Resp: 808044
 Ion Ratio Lower Upper
 122 100
 107 124.3 97.6 146.4
 121 60.2 47.9 71.9

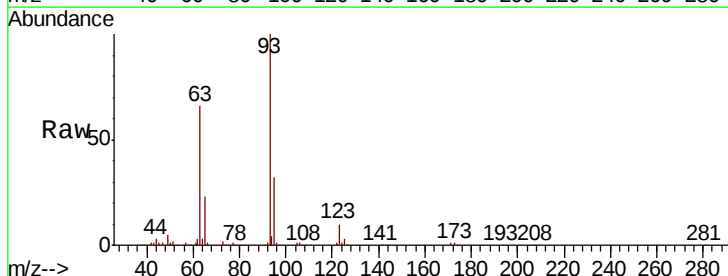


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

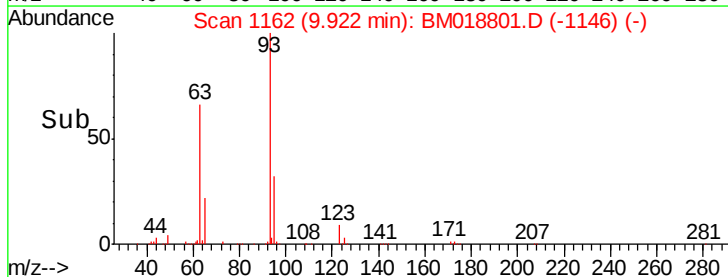
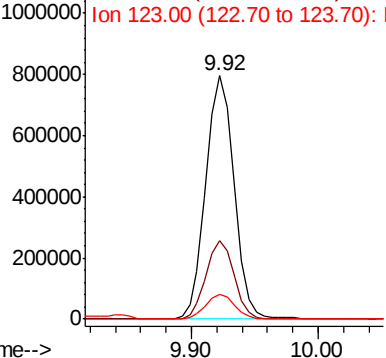


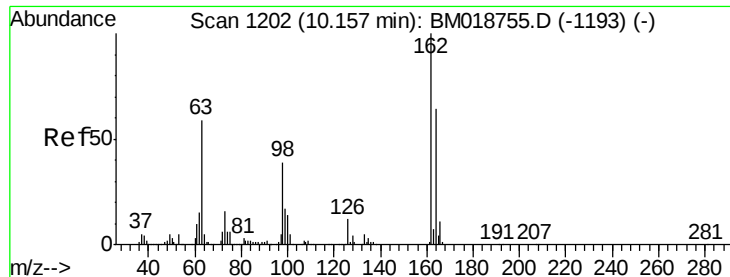
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.528 ng
 RT: 9.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion: 93 Resp: 1234879
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.6 38.4
 123 10.1 8.2 12.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

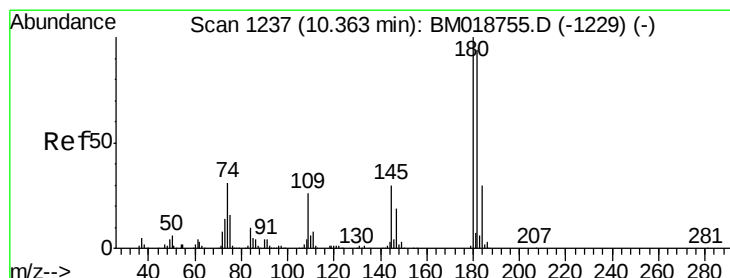
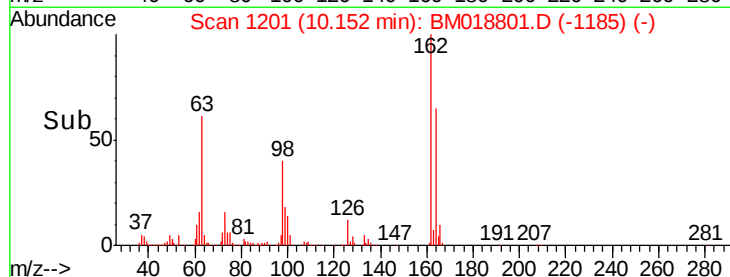
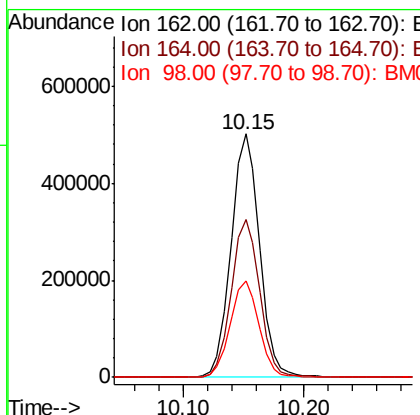
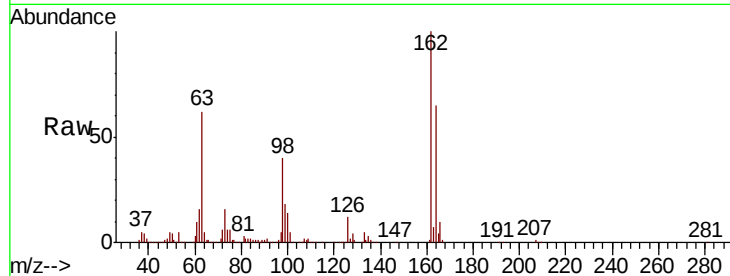




#29
2,4-Dichlorophenol
Concen: 44.274 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

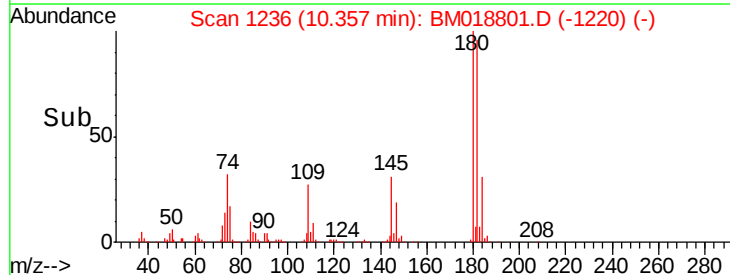
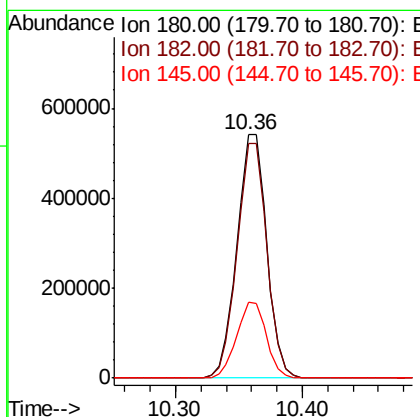
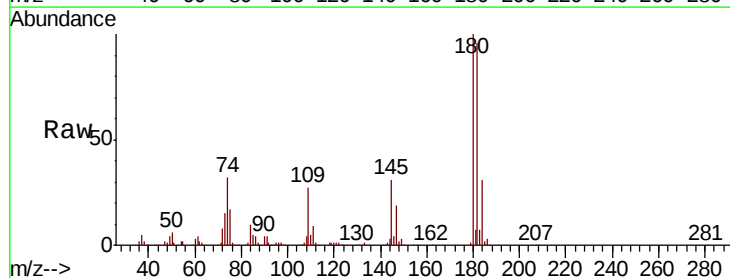
Instrument :
BNA_M
ClientSampleId :

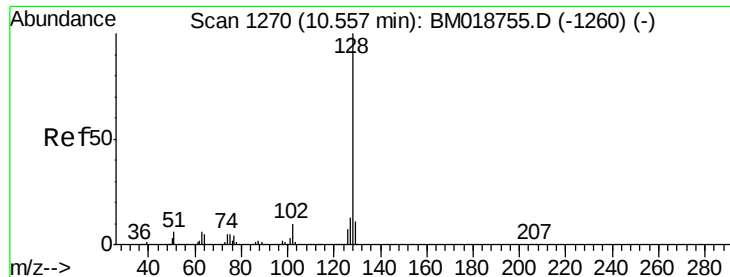
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.1	84.1
98	39.8	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 40.862 ng
RT: 10.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.0	112.6
145	31.0	24.1	36.1

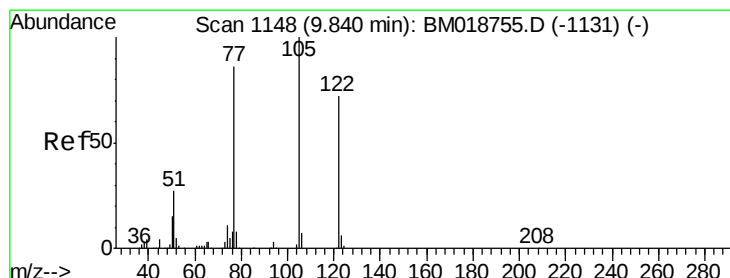
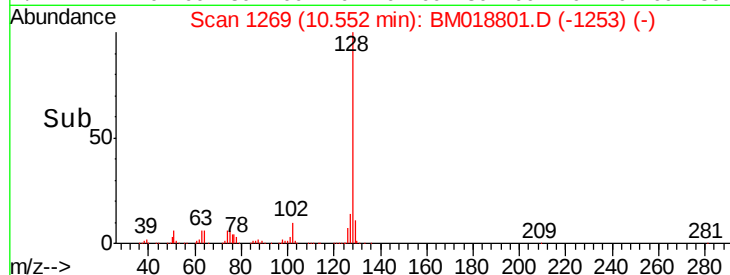
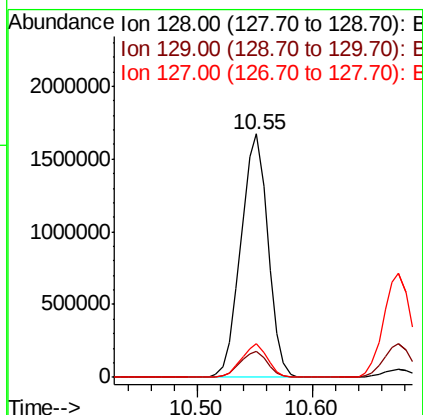
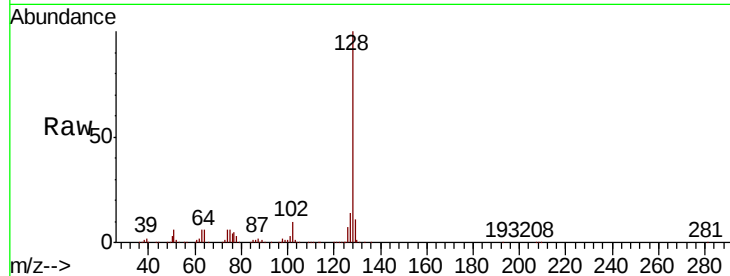




#31
Naphthalene
Concen: 44.894 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

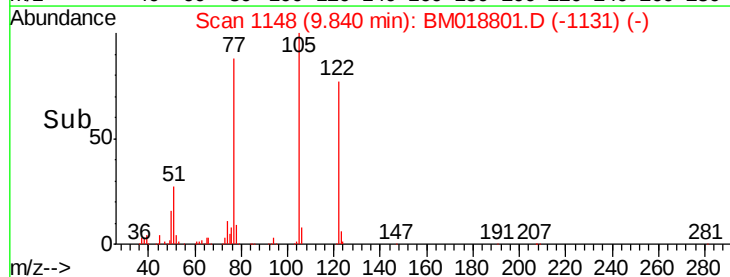
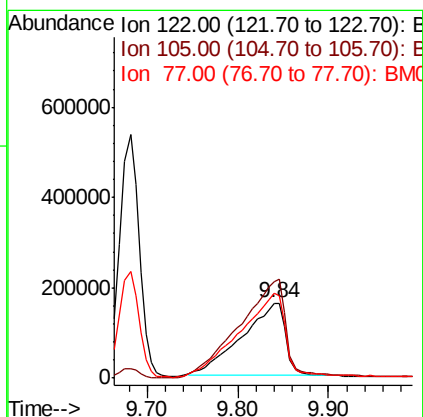
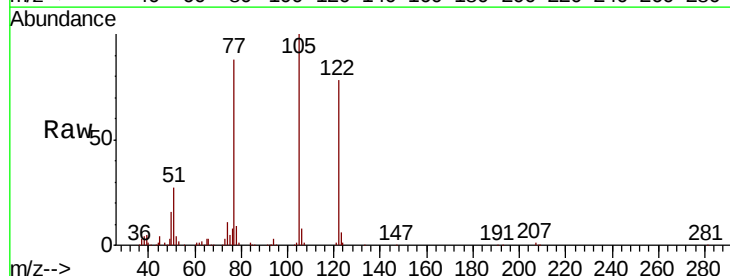
Instrument :
BNA_M
ClientSampleId :

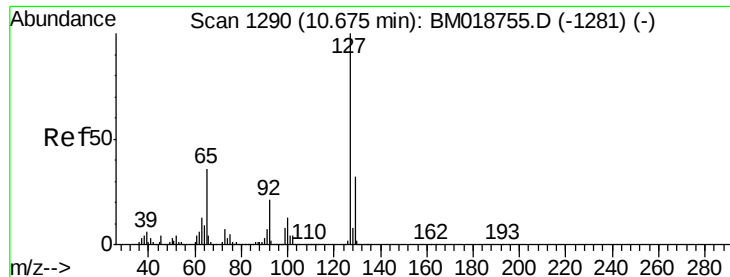
Tot Ion:128 Resp: 2721098
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 38.420 ng
RT: 9.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:122 Resp: 543841
Ion Ratio Lower Upper
122 100
105 128.9 117.5 157.5
77 113.9 98.5 138.5

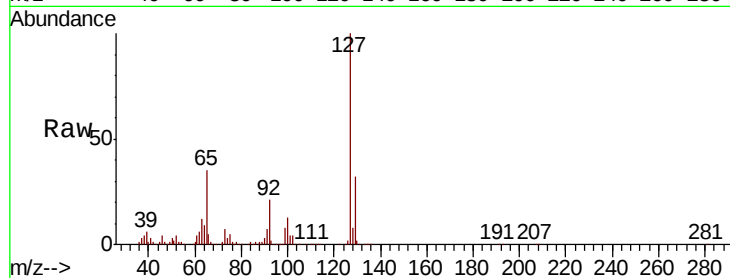




#33
4-Chloroaniline
Concen: 45.107 ng
RT: 10.68 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	1222139
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	34.7	28.7	43.1
92	21.3	17.0	25.4



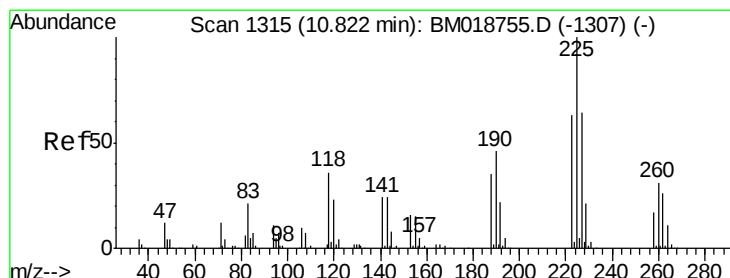
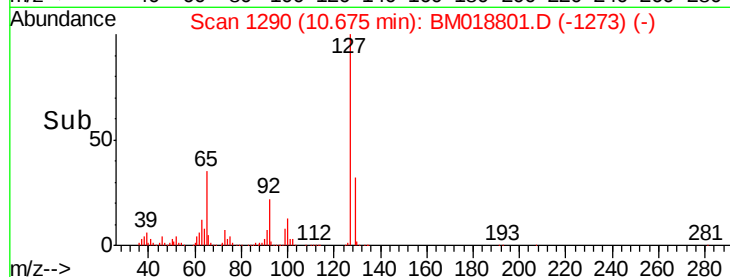
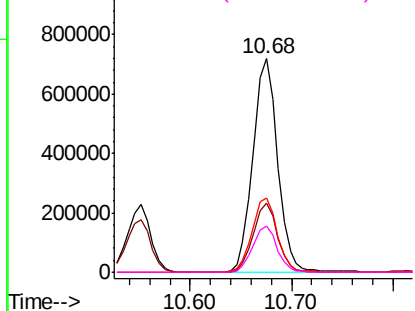
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

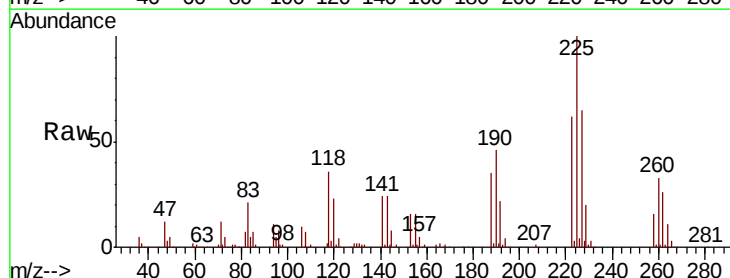
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 38.717 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:	225	Resp:	483576
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	64.9	51.4	77.0

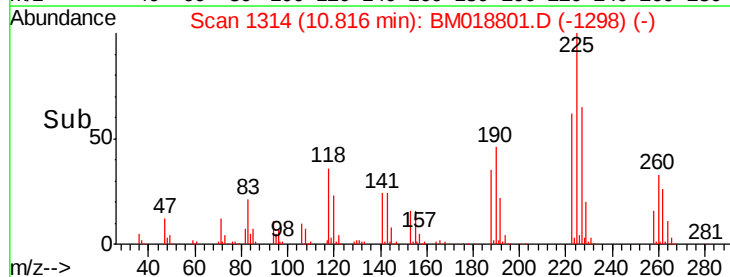
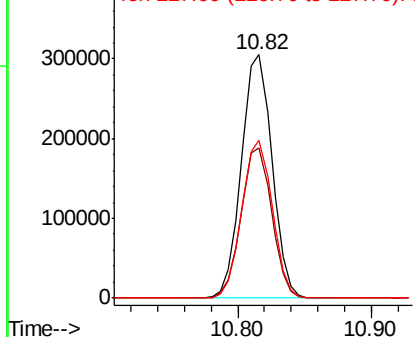


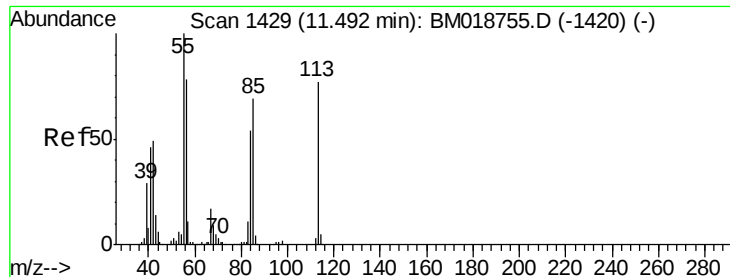
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

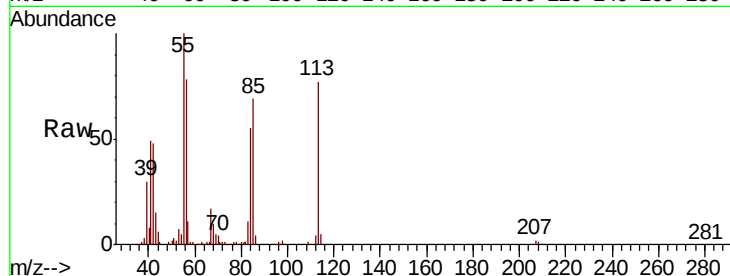




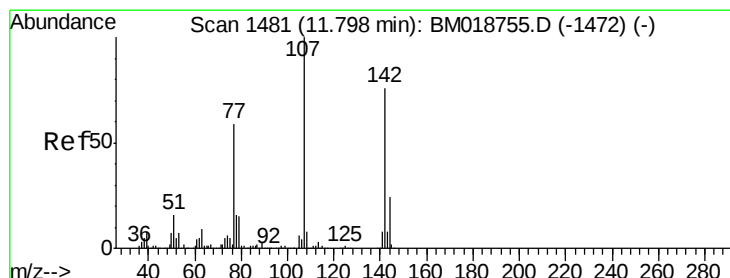
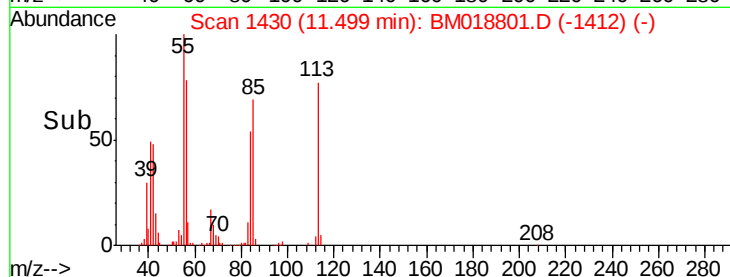
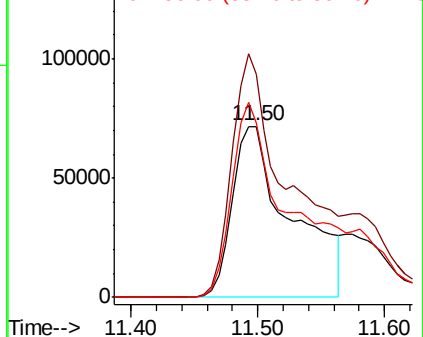
#35
Caprolactam
Concen: 30.460 ng
RT: 11.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:113 Resp: 231632
Ion Ratio Lower Upper
113 100
55 130.5 110.7 150.7
56 102.0 82.4 122.4

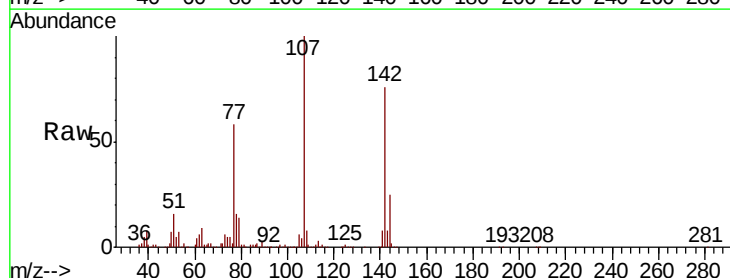


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM018801.D (-1412) (-)
Ion 56.00 (55.70 to 56.70): BM018801.D (-1412) (-)

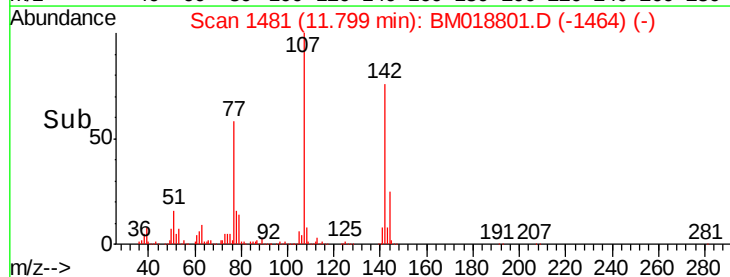
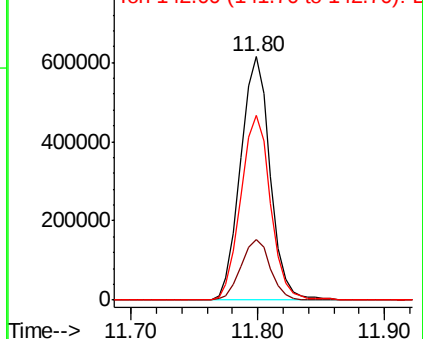


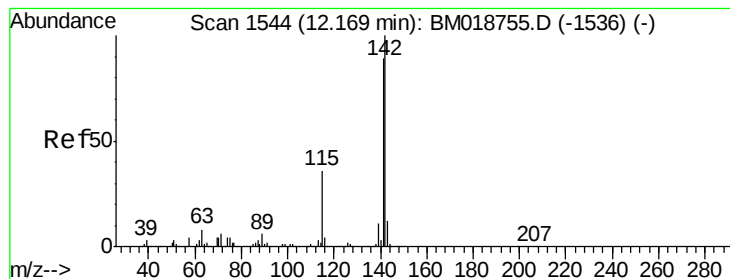
#36
4-Chloro-3-methylphenol
Concen: 44.432 ng
RT: 11.80 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:107 Resp: 998183
Ion Ratio Lower Upper
107 100
144 24.7 19.3 28.9
142 76.0 60.5 90.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.709 ng

RT: 12.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

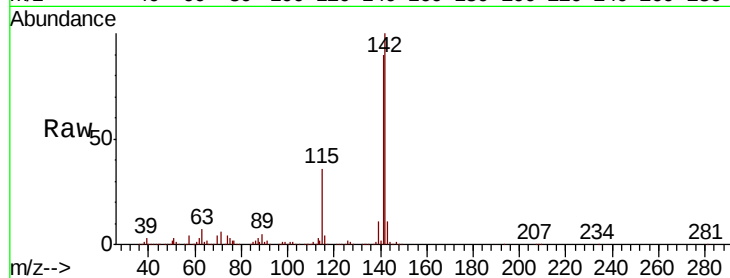
Tot Ion:142 Resp: 2035952

Ion Ratio Lower Upper

142 100

141 89.6 71.2 106.8

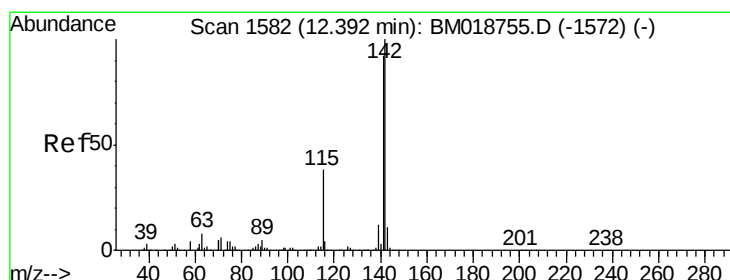
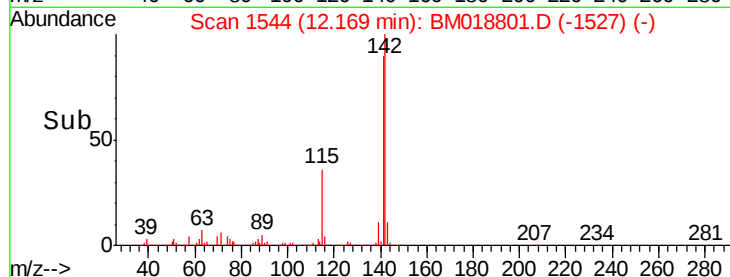
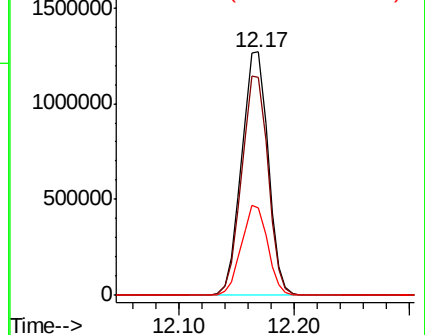
115 35.7 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.341 ng

RT: 12.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

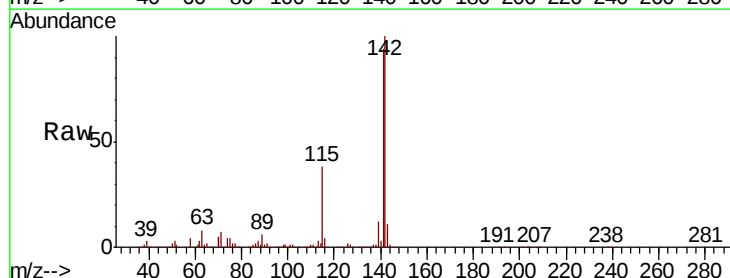
Tgt Ion:142 Resp: 1933819

Ion Ratio Lower Upper

142 100

141 93.5 73.9 110.9

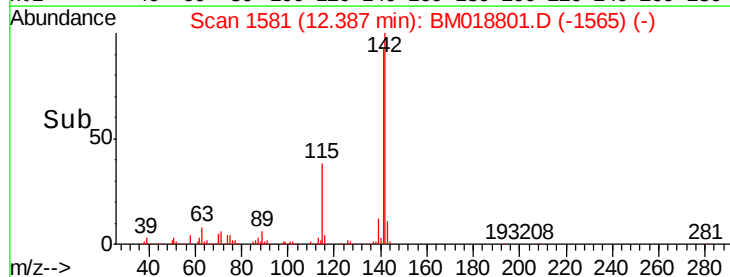
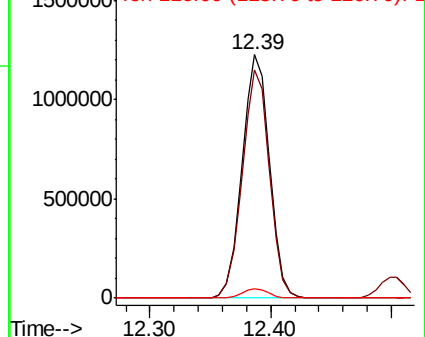
116 3.9 3.0 4.4

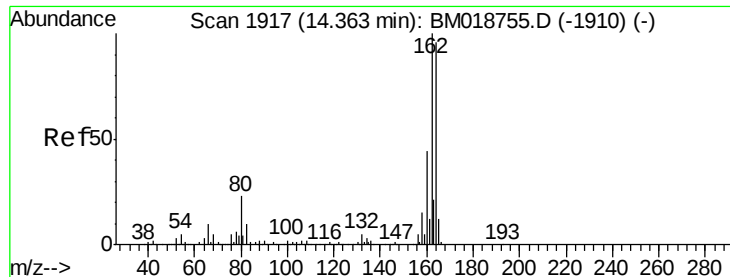


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

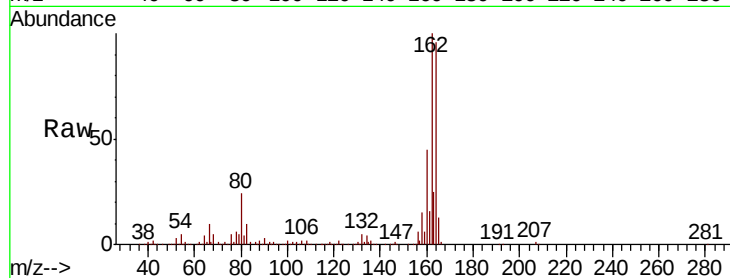
Tot Ion:164 Resp: 741715

Ion Ratio Lower Upper

164 100

162 104.1 83.4 125.0

160 46.6 36.6 55.0

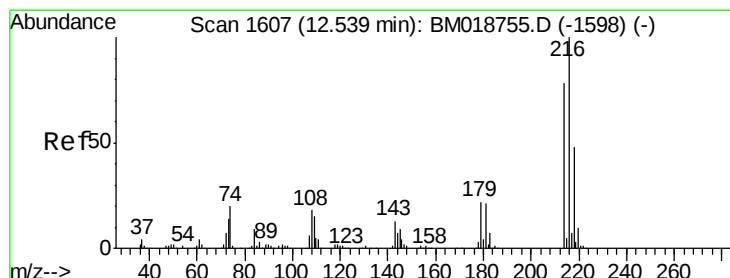
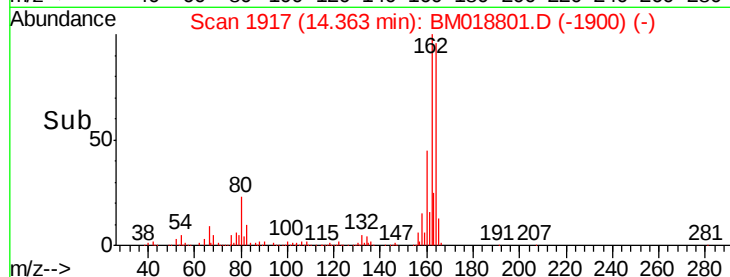
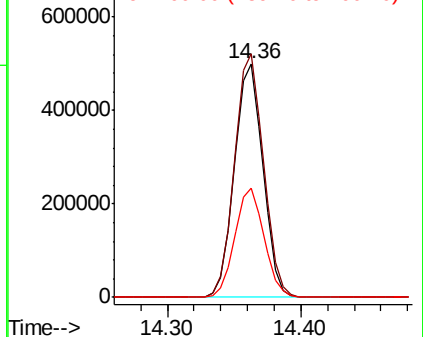


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.724 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion:216 Resp: 966259

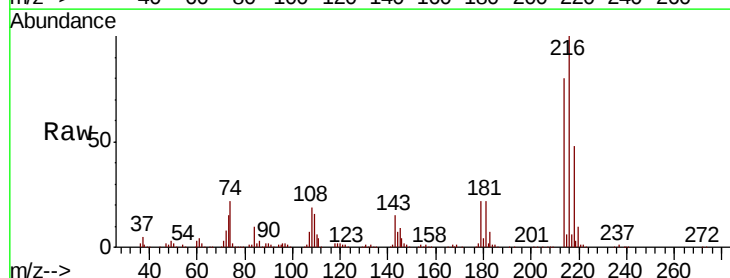
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 22.5 17.8 26.8

108 23.1 16.4 24.6



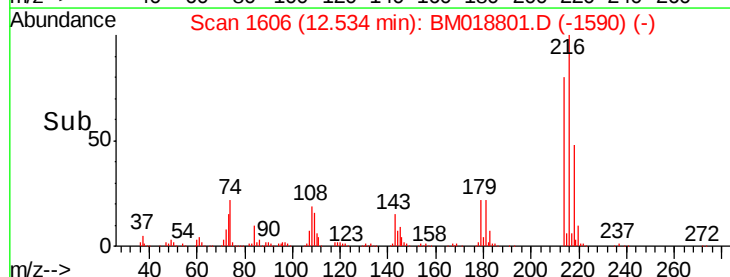
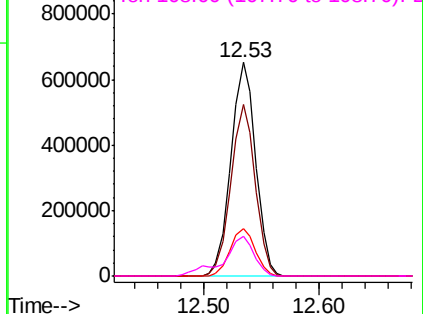
Abundance

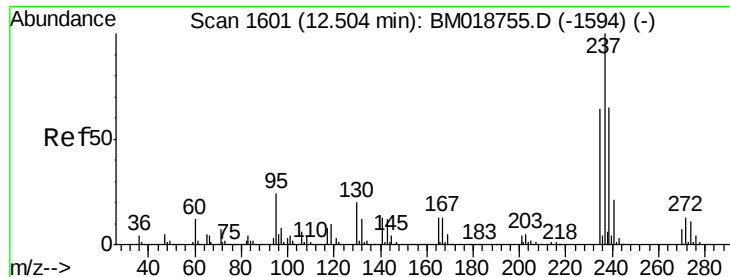
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.531 ng

RT: 12.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

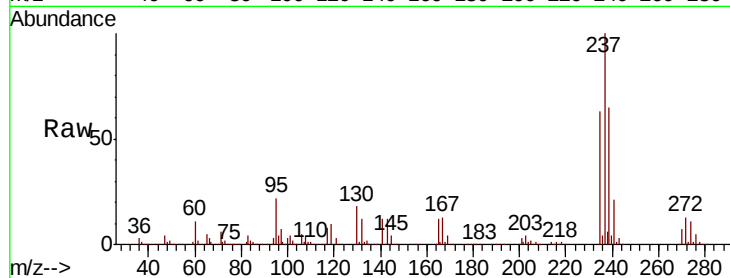
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 1243786

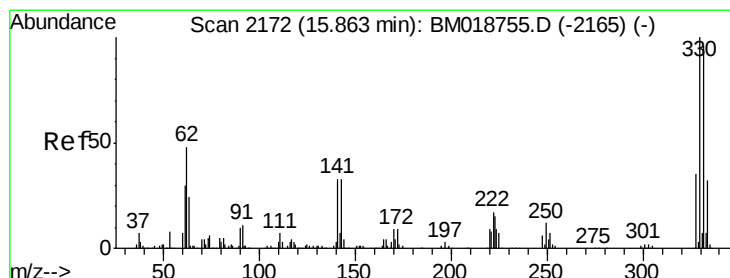
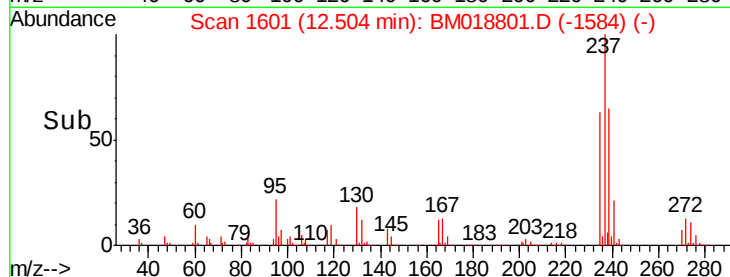
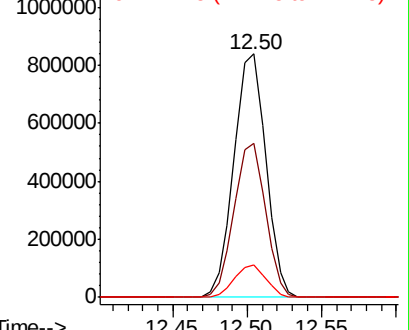
Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.7	83.7
272	13.1	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.827 ng

RT: 15.86 min Scan# 2171

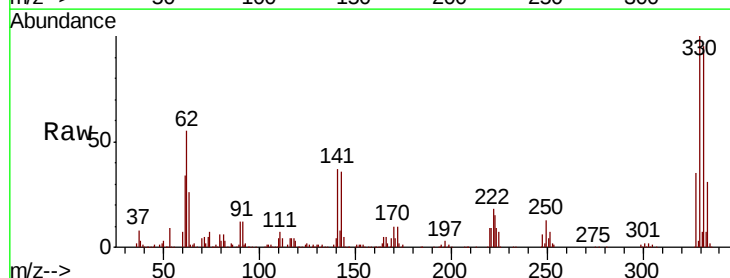
Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion:330 Resp: 885554

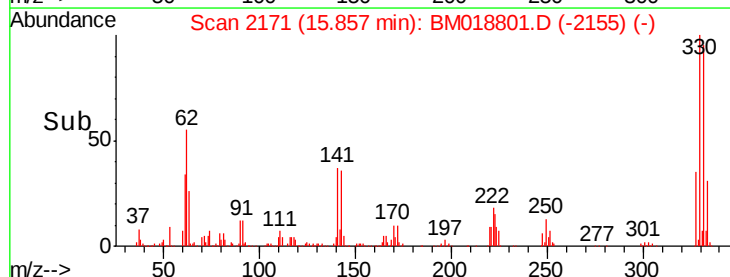
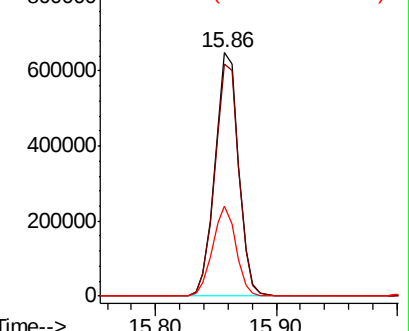
Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	36.4	28.7	43.1

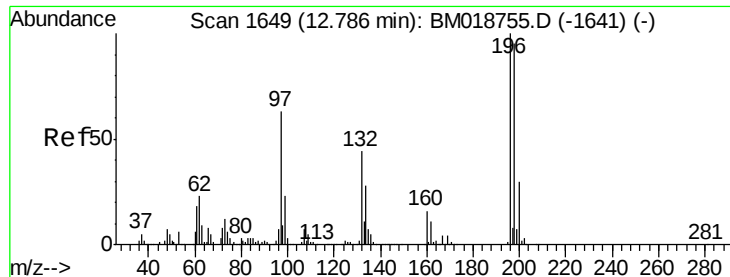


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

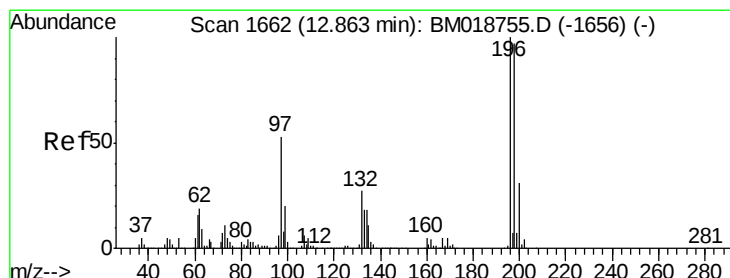
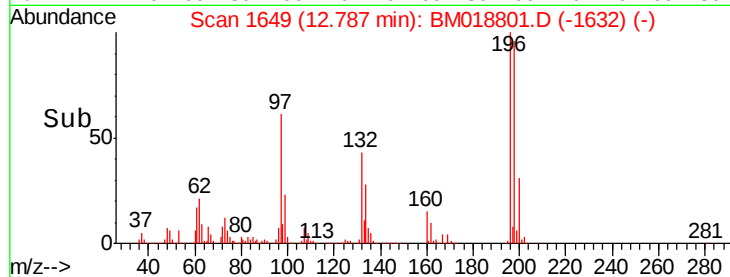
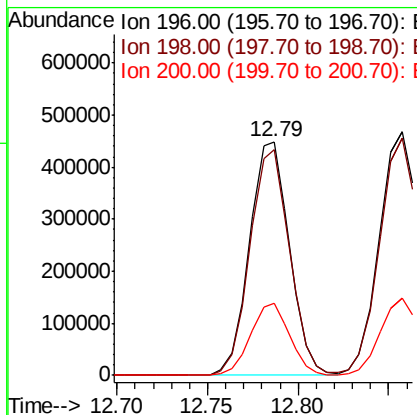
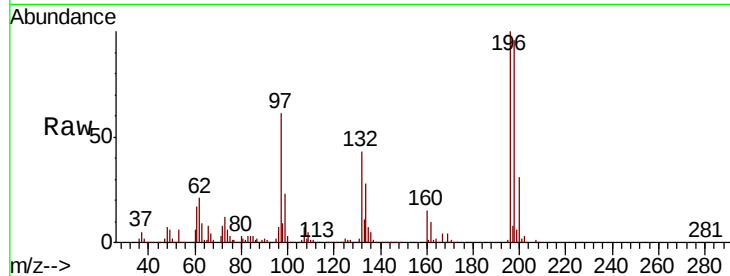




#43
 2,4,6-Trichlorophenol
 Concen: 43.830 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

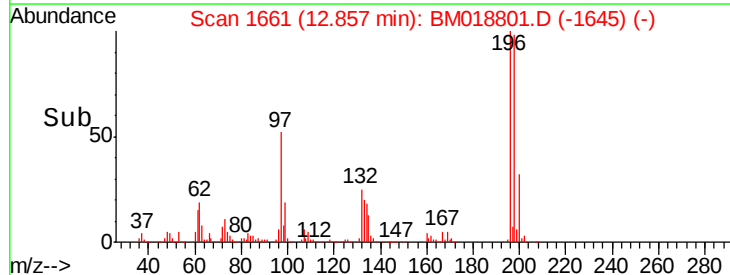
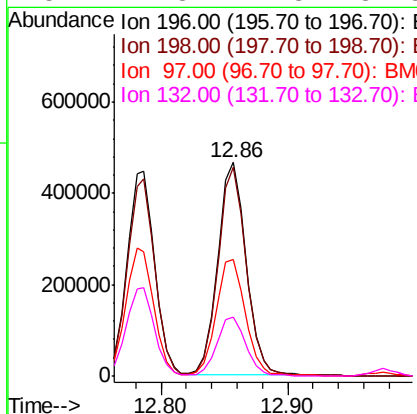
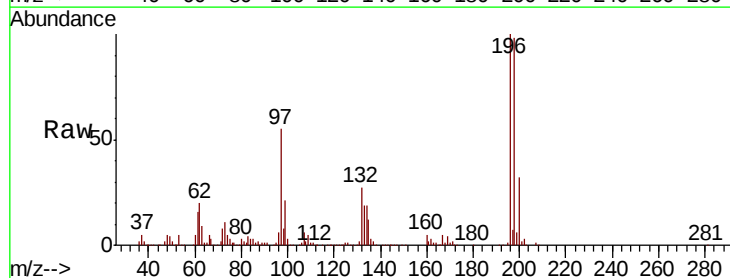
Instrument :
 BNA_M
 ClientSampled :

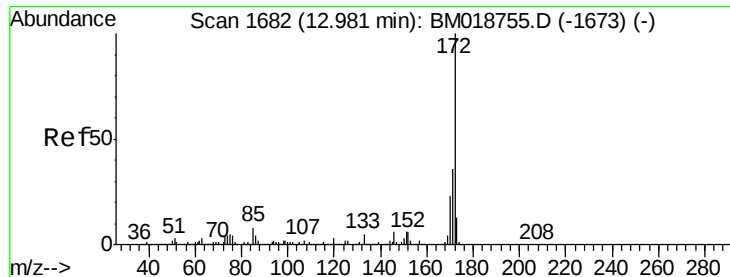
Tot Ion	196	Resp	688449
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.2	114.2
200	30.5	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.066 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion	196	Resp	725465
Ion Ratio	Lower	Upper	
196	100		
198	97.6	77.6	116.4
97	54.7	42.8	64.2
132	27.3	21.8	32.8

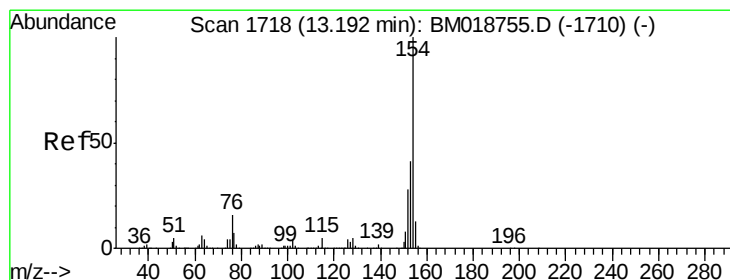
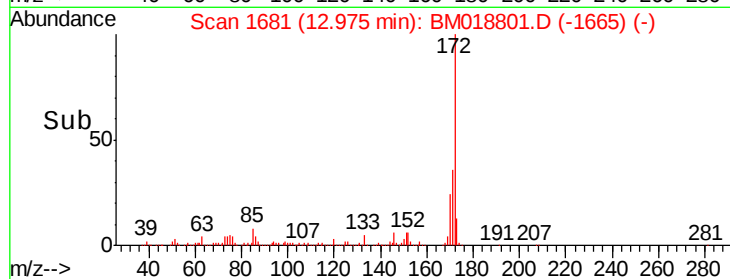
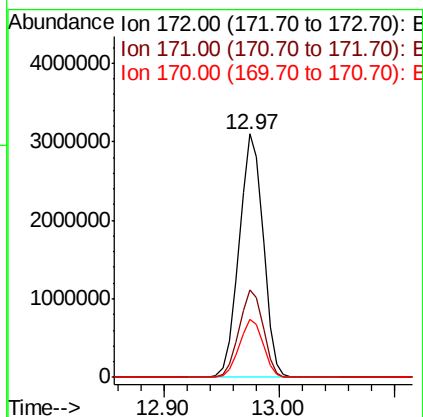
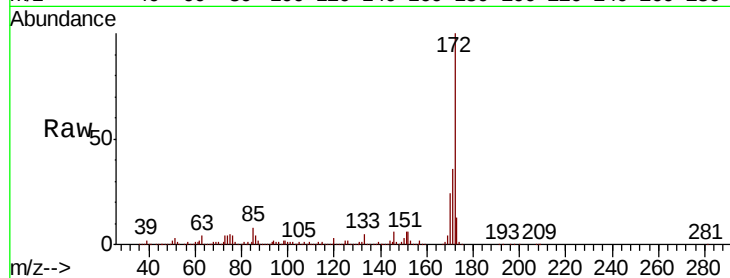




#45
2-Fluorobiphenyl
Concen: 79.812 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

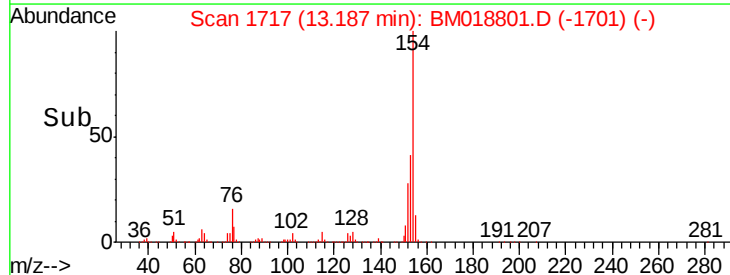
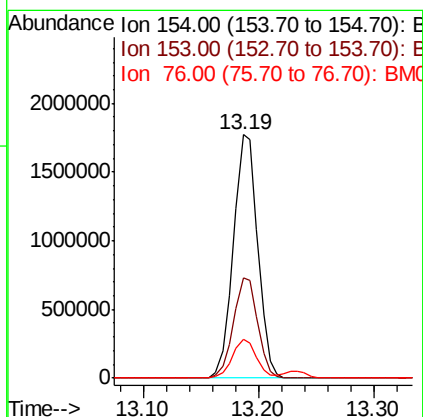
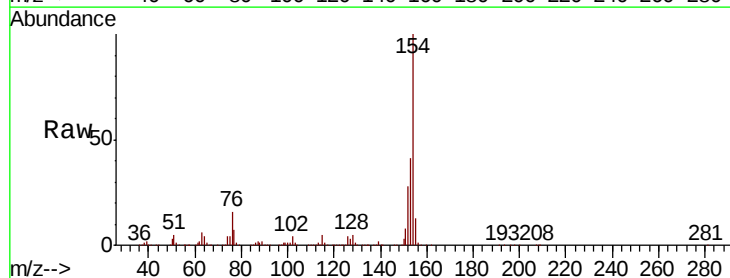
Instrument :
BNA_M
ClientSampleId :

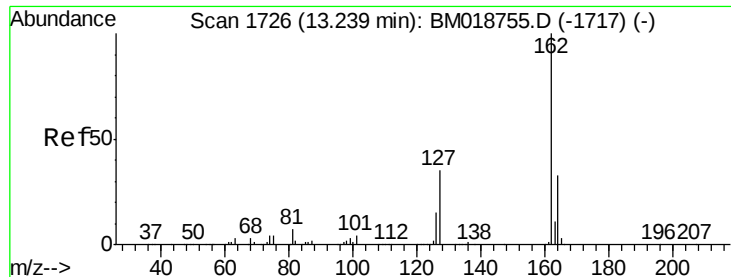
Tot Ion:172 Resp: 4459421
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.494 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:154 Resp: 2585329
Ion Ratio Lower Upper
154 100
153 41.3 21.1 61.1
76 15.7 0.0 35.7

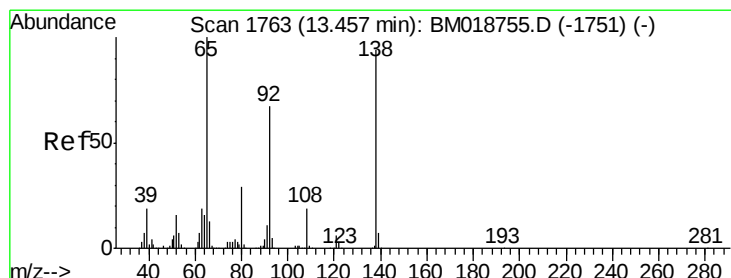
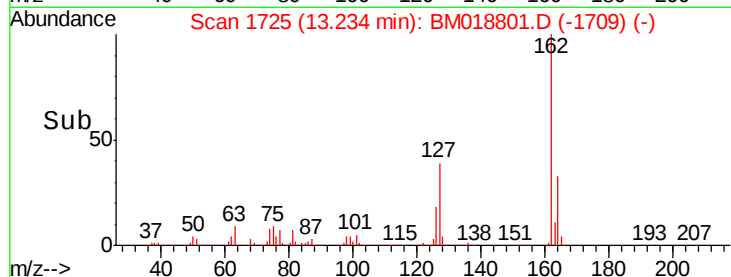
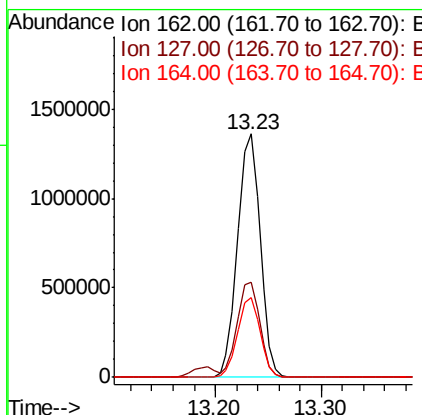
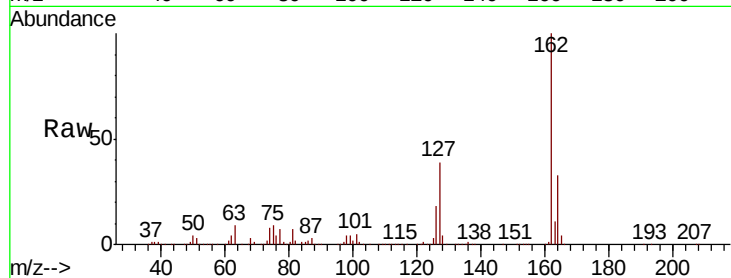




#47
2-Chloronaphthalene
Concen: 40.883 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

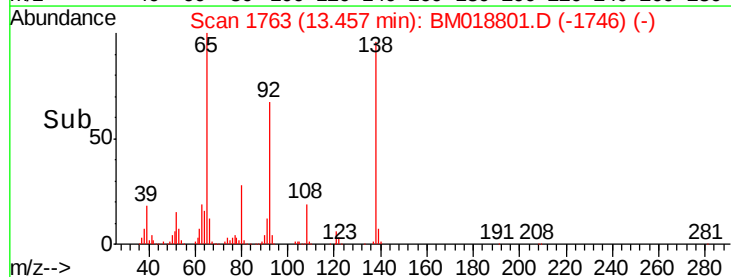
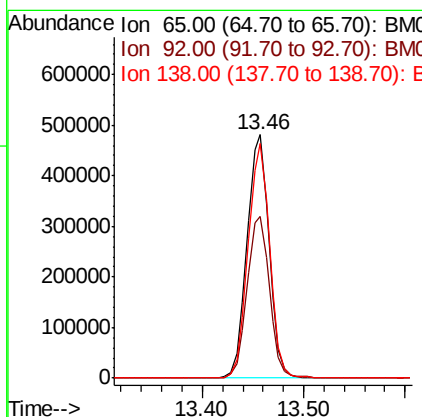
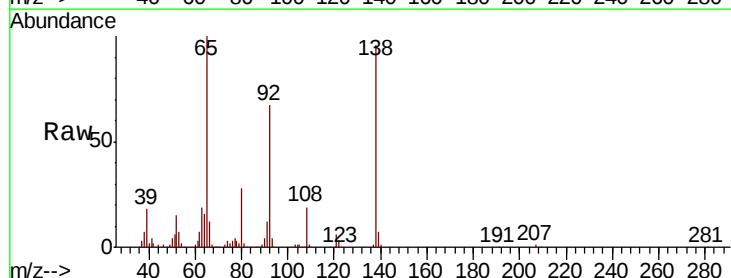
Instrument :
BNA_M
ClientSampleId :

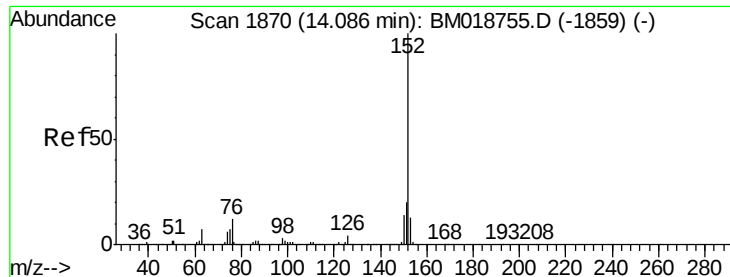
Tot Ion:162 Resp: 2016071
Ion Ratio Lower Upper
162 100
127 39.2 31.1 46.7
164 32.6 26.4 39.6



#48
2-Nitroaniline
Concen: 44.496 ng
RT: 13.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion: 65 Resp: 728751
Ion Ratio Lower Upper
65 100
92 66.7 54.0 81.0
138 96.3 74.9 112.3





#49

Acenaphthylene

Concen: 45.787 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

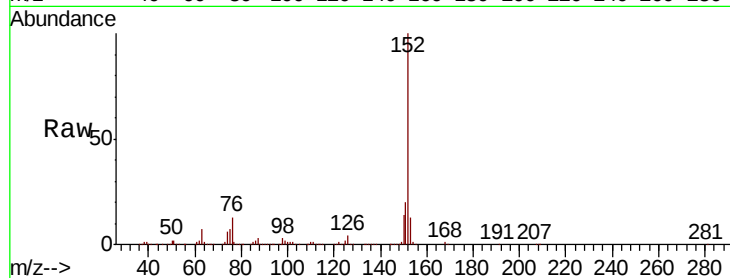
Tot Ion:152 Resp: 3362072

Ion Ratio Lower Upper

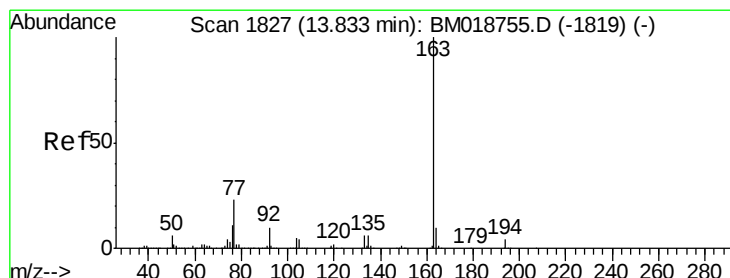
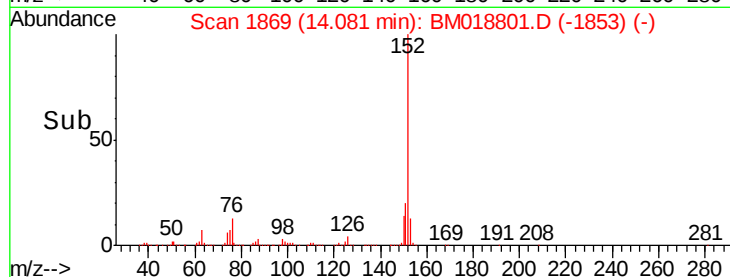
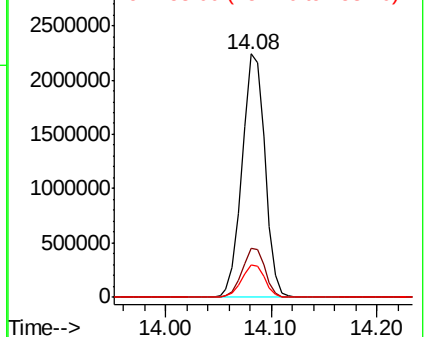
152 100

151 20.3 15.8 23.8

153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.795 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

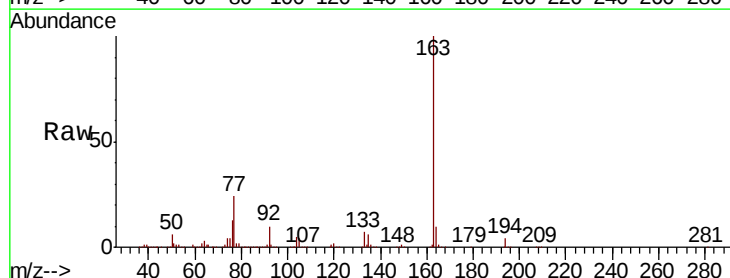
Tgt Ion:163 Resp: 2645360

Ion Ratio Lower Upper

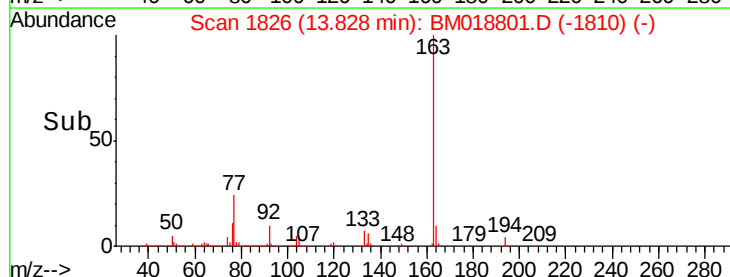
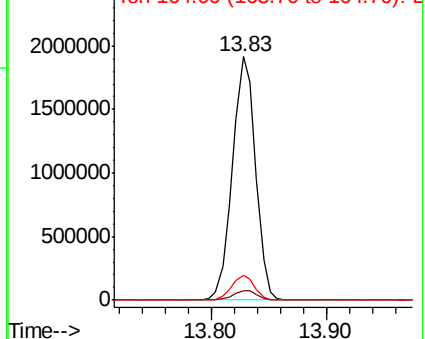
163 100

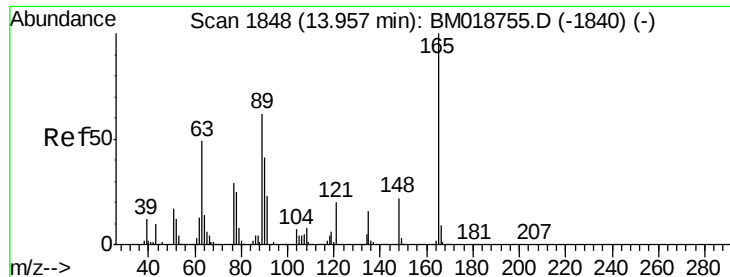
194 3.9 3.2 4.8

164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

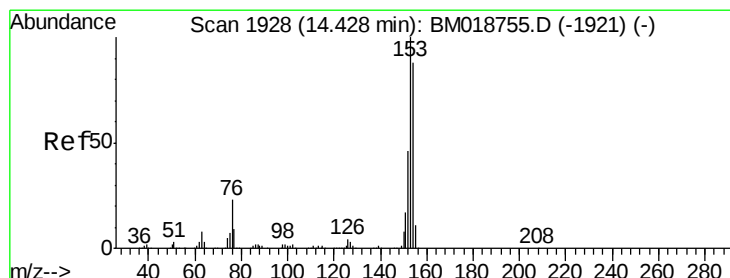
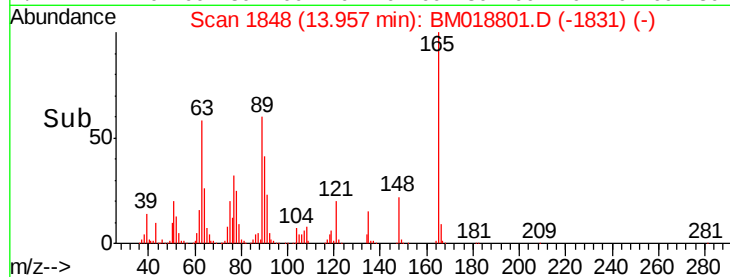
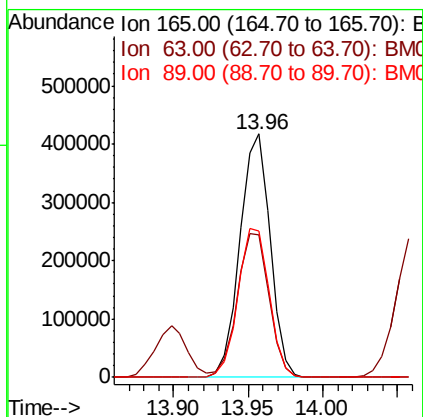
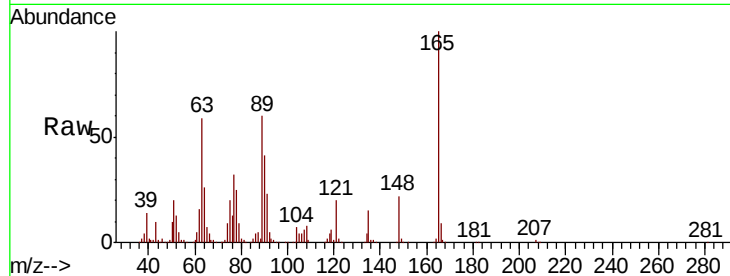




#51
 2,6-Dinitrotoluene
 Concen: 43.902 ng
 RT: 13.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

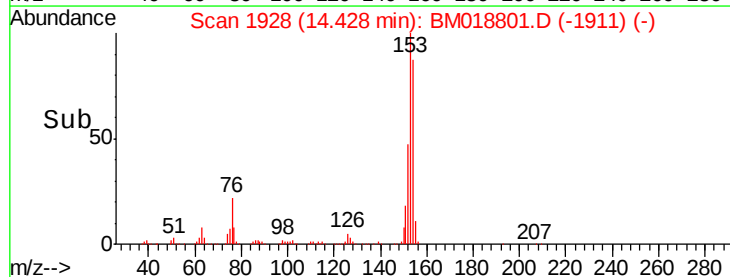
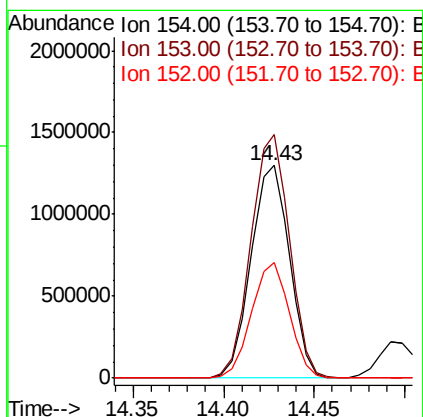
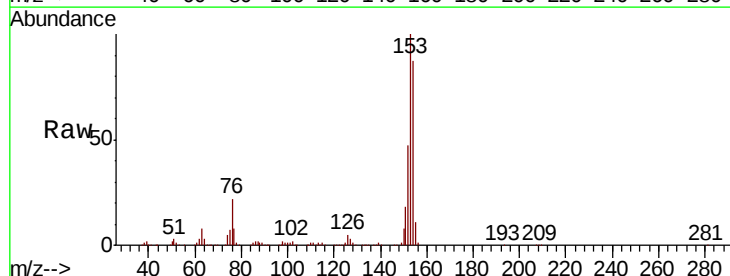
Instrument :
 BNA_M
 ClientSampled :

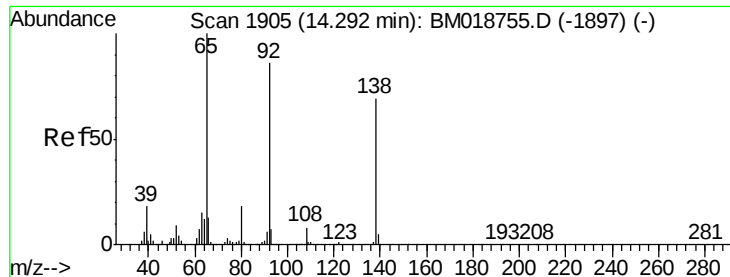
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.6	48.9	73.3
89	59.9	49.4	74.0



#52
 Acenaphthene
 Concen: 42.578 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.3	136.9
152	54.2	42.2	63.4

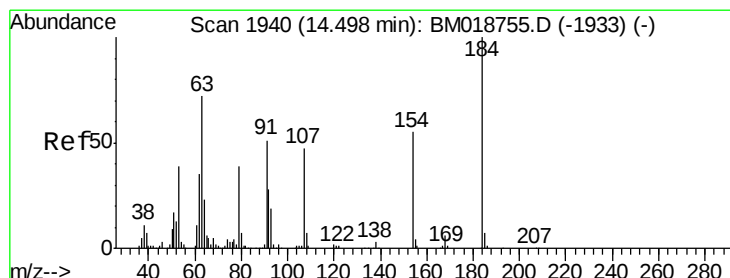
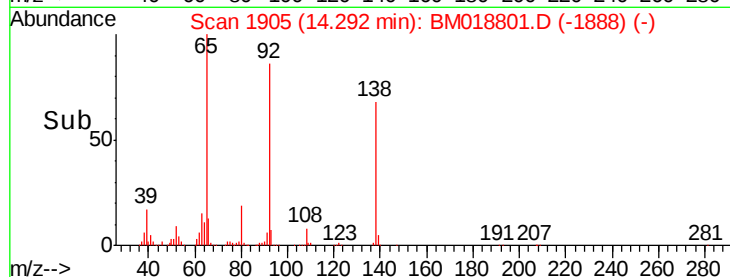
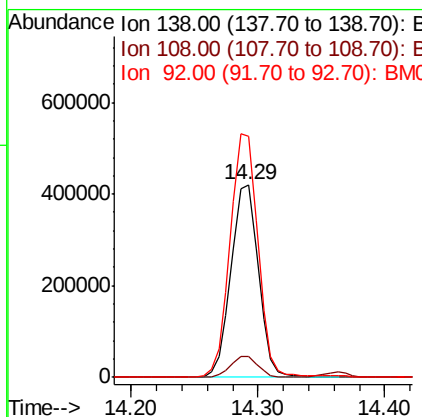
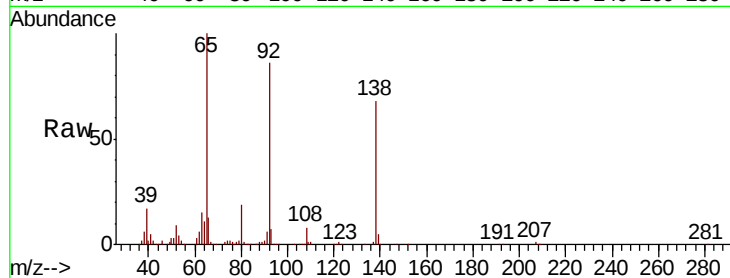




#53
3-Nitroaniline
Concen: 41.576 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

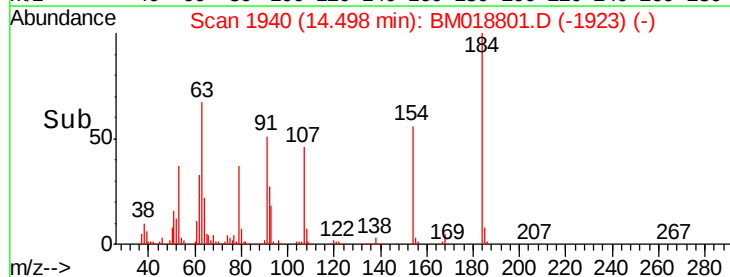
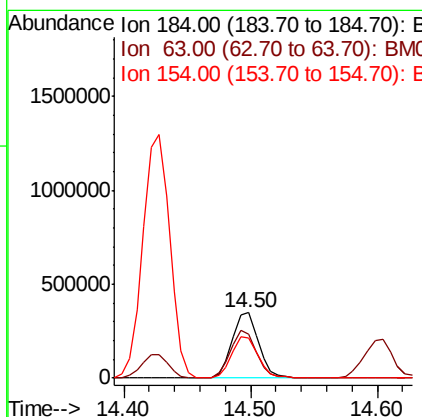
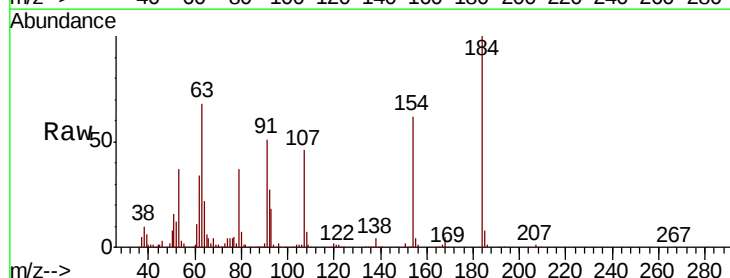
Instrument :
BNA_M
ClientSampleId :

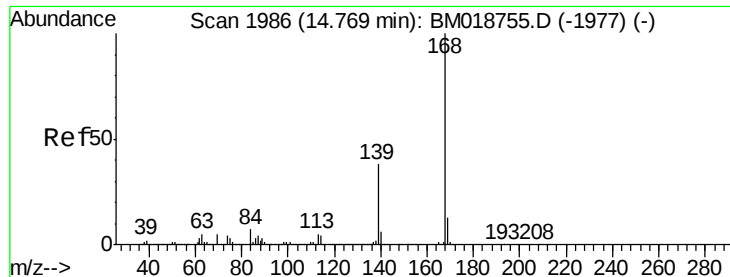
Tot Ion:138 Resp: 629030
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 125.2 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 61.419 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:184 Resp: 509599
Ion Ratio Lower Upper
184 100
63 68.0 58.0 87.0
154 62.2 50.3 75.5





#55

Dibenzofuran

Concen: 42.259 ng

RT: 14.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

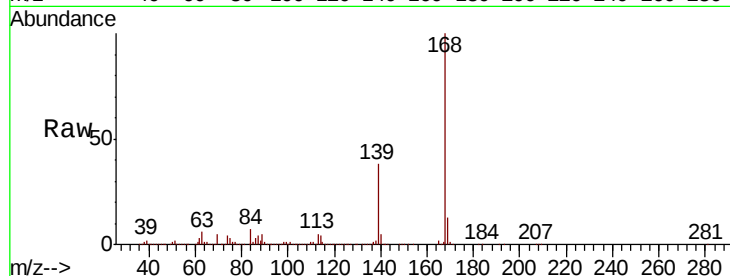
Tot Ion:168 Resp: 3127332

Ion Ratio Lower Upper

168 100

139 38.3 30.7 46.1

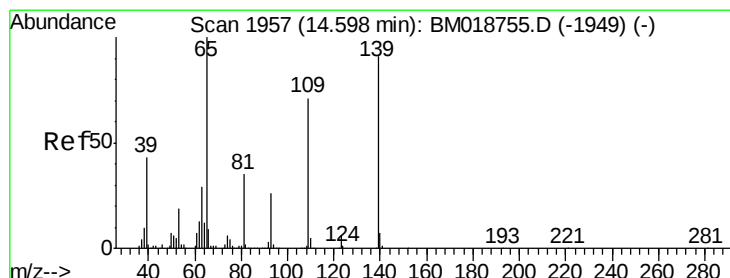
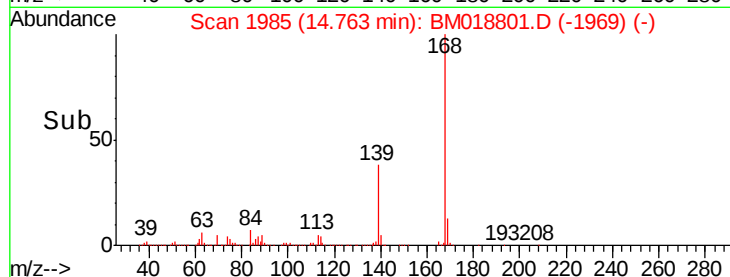
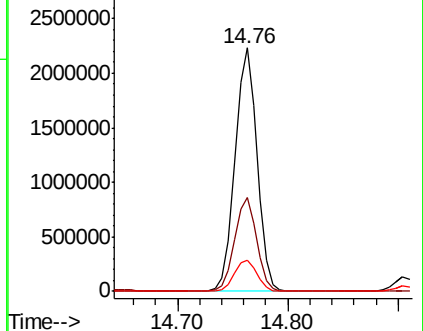
169 13.0 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.378 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

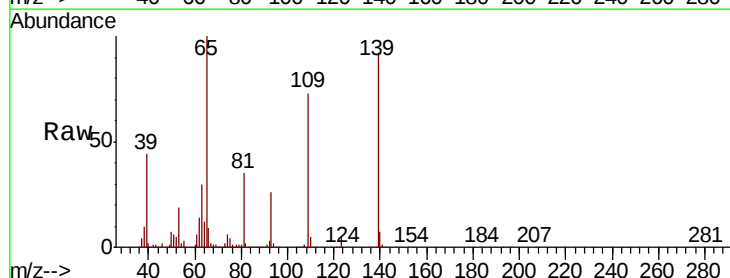
Tgt Ion:139 Resp: 1031165

Ion Ratio Lower Upper

139 100

109 79.0 58.4 98.4

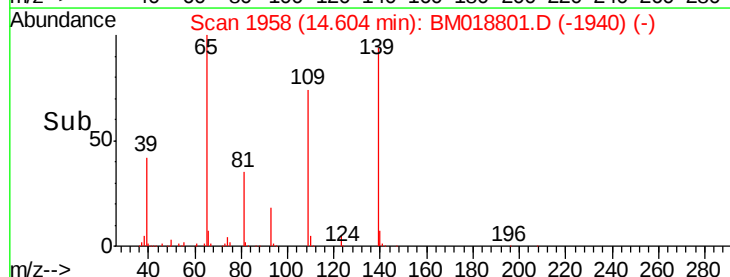
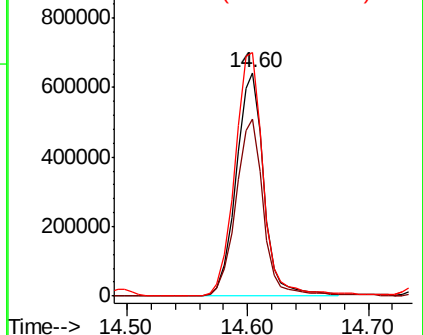
65 108.9 89.8 129.8

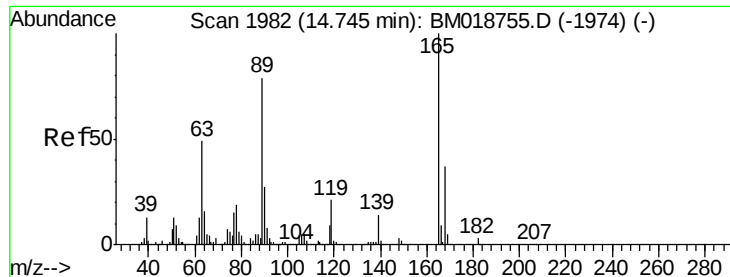


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

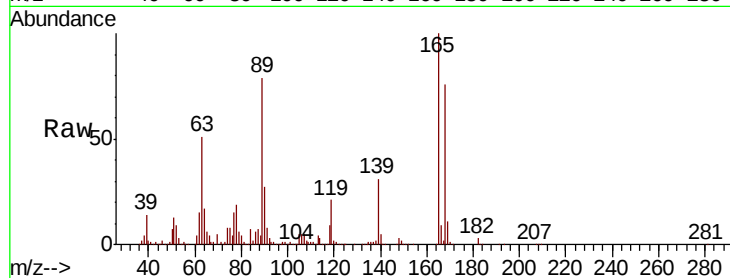




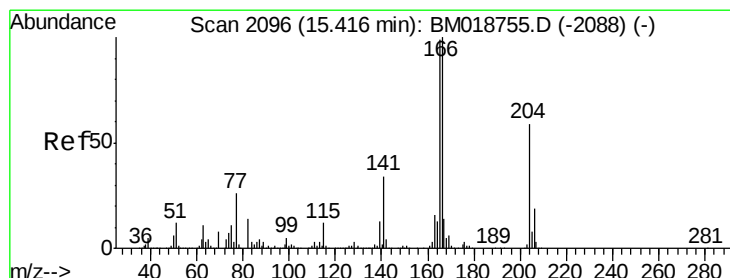
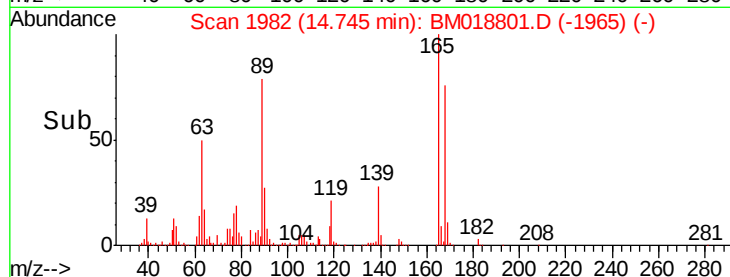
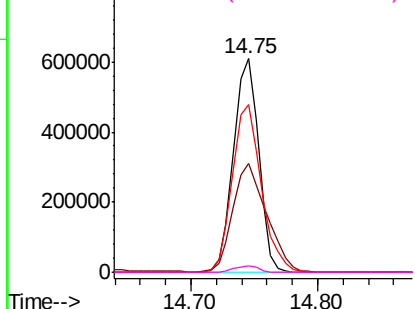
#57
2,4-Dinitrotoluene
Concen: 45.376 ng
RT: 14.75 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.7	39.6	59.4
89	78.7	63.5	95.3
182	2.8	2.2	3.4

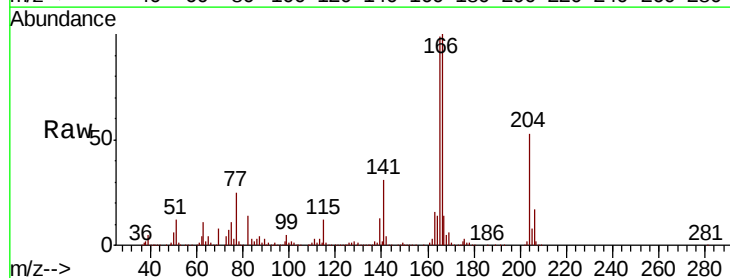


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

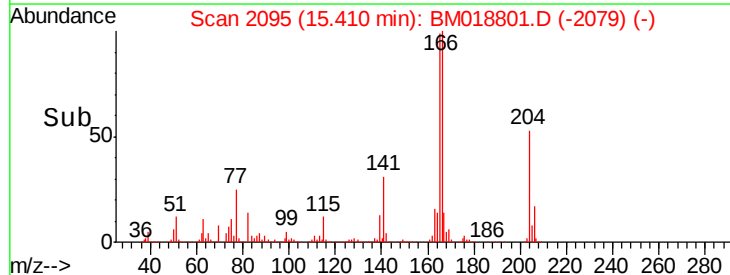
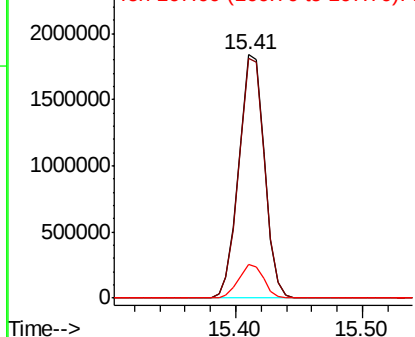


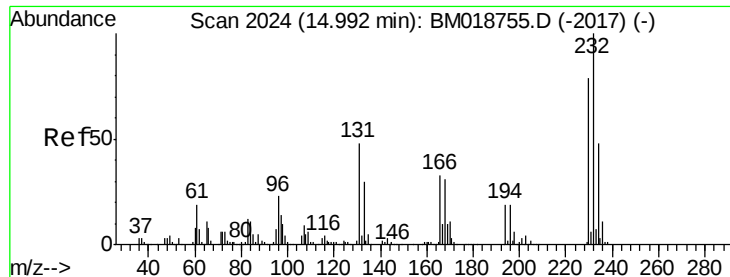
#58
Fluorene
Concen: 45.324 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.1	118.7
167	13.8	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

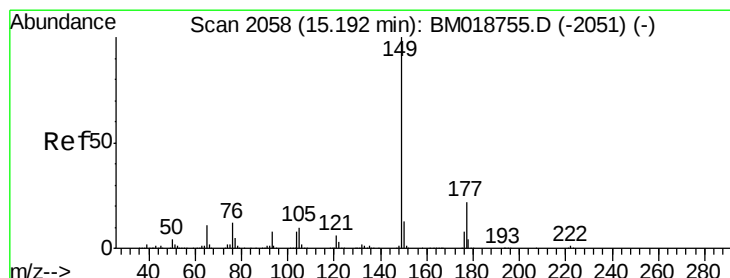
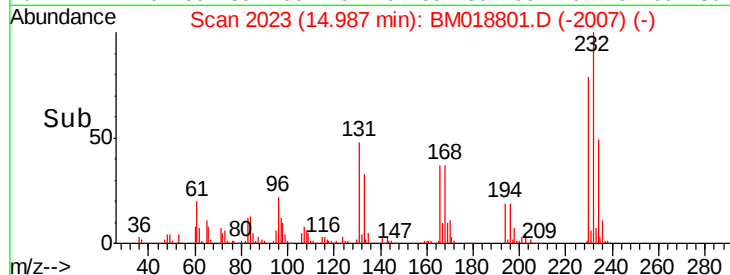
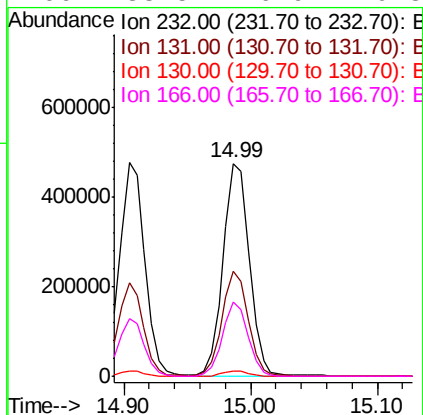
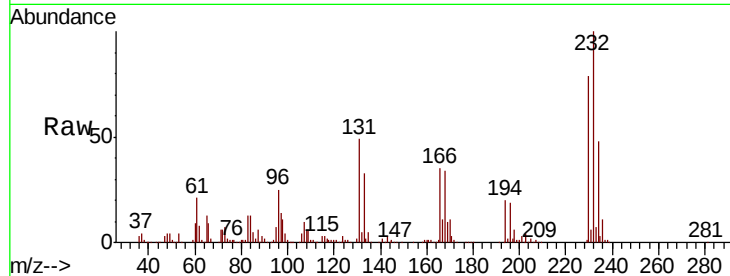




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.618 ng
 RT: 14.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

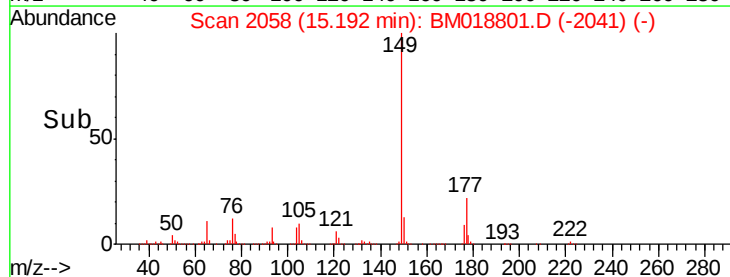
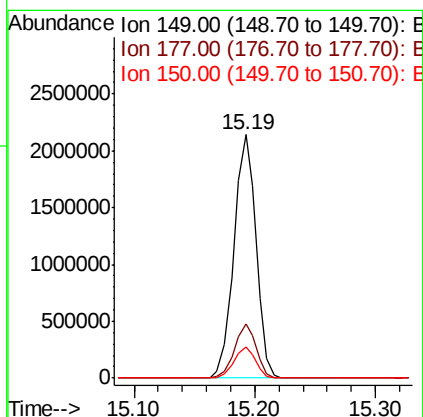
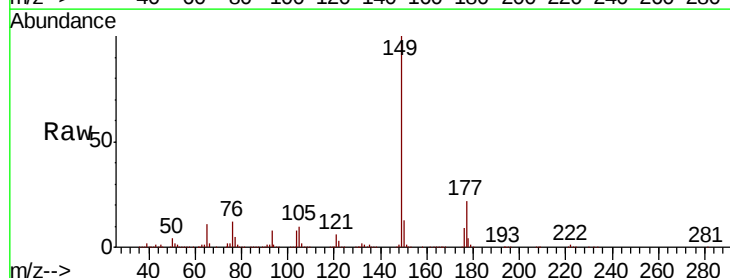
Instrument :
 BNA_M
 ClientSampleId :

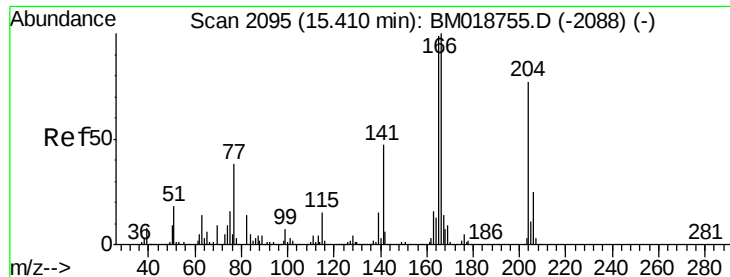
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	38.6	57.8
130	2.5	2.0	3.0
166	33.5	26.9	40.3



#60
 Diethylphthalate
 Concen: 42.875 ng
 RT: 15.19 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.2	25.8
150	12.8	10.2	15.2

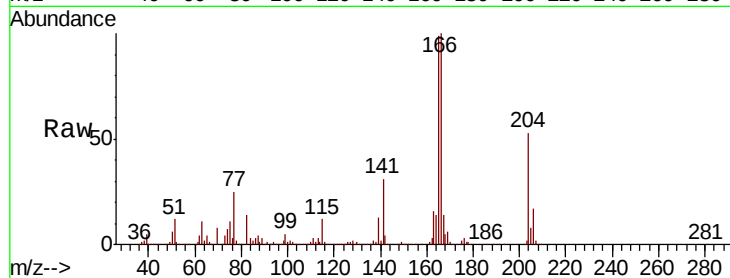




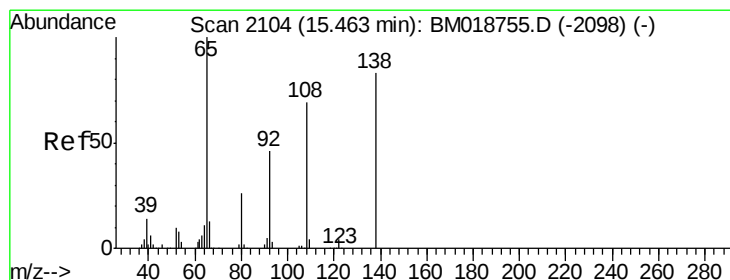
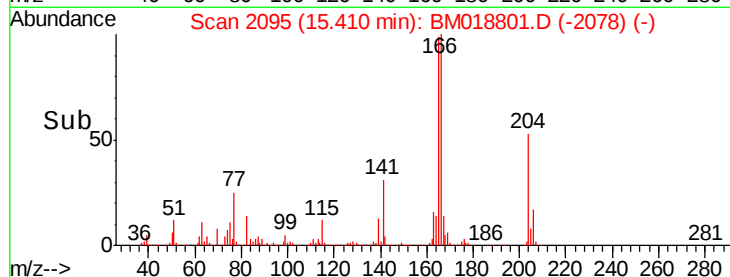
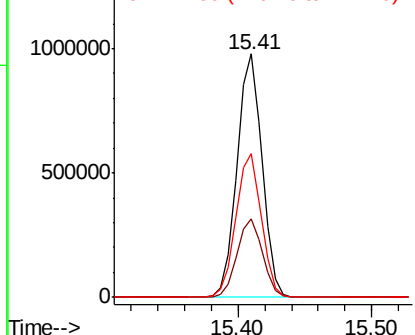
#61
4-Chlorophenyl-phenylether
Concen: 40.086 ng
RT: 15.41 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1272448
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 59.2 49.2 73.8

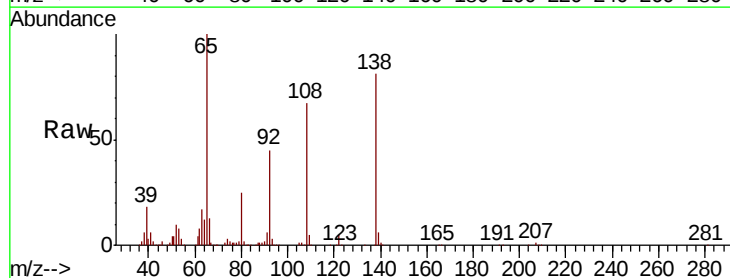


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

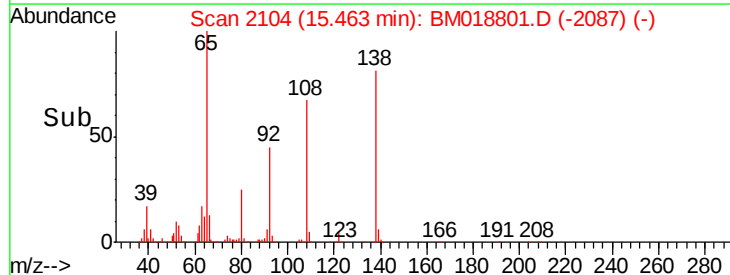
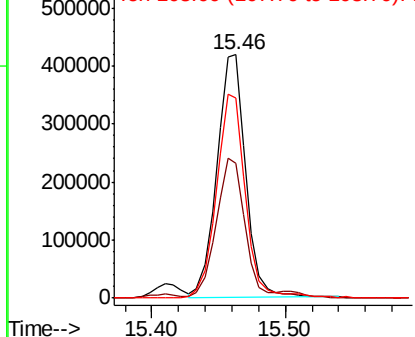


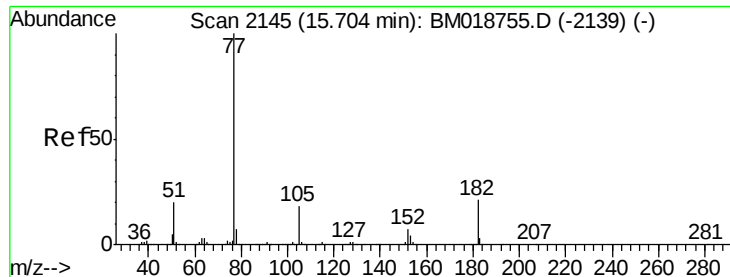
#62
4-Nitroaniline
Concen: 42.806 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:138 Resp: 634922
Ion Ratio Lower Upper
138 100
92 55.5 35.5 75.5
108 82.3 62.4 102.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.913 ng

RT: 15.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2933914

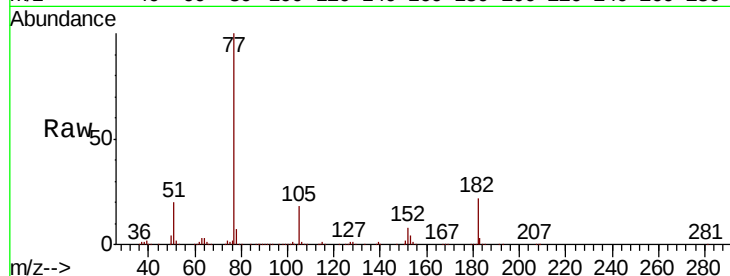
Ion Ratio Lower Upper

77 100

182 22.4 1.0 41.0

105 18.3 0.0 37.7

51 20.2 0.3 40.3

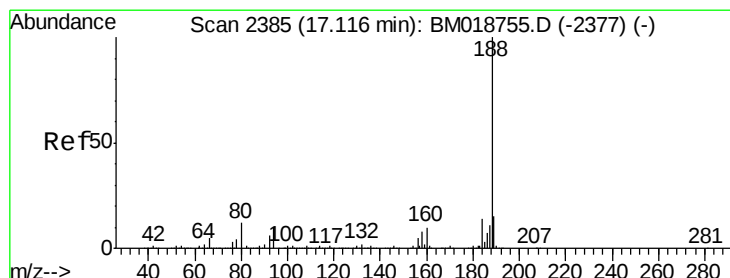
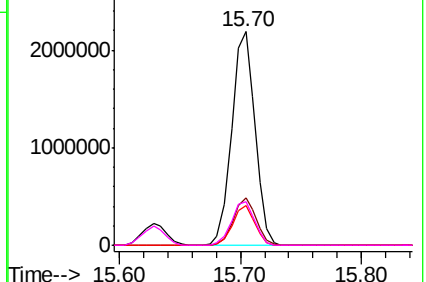
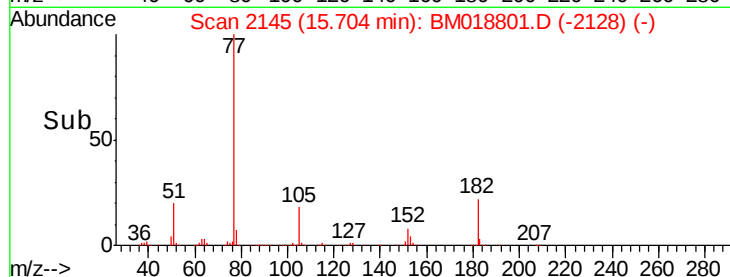


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

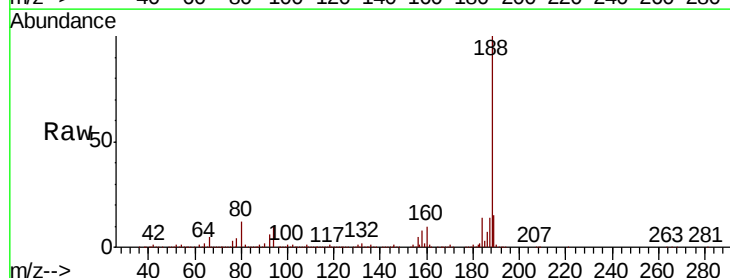
Tgt Ion: 188 Resp: 1697411

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

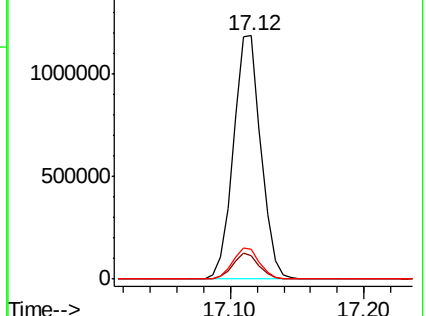
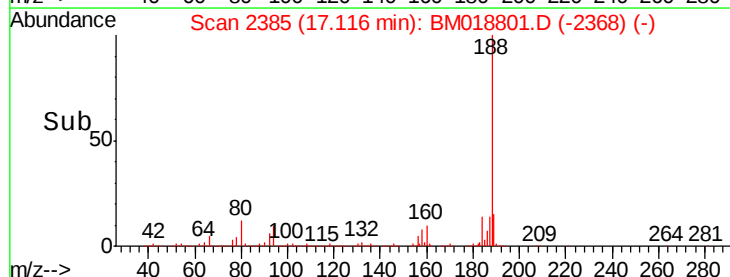
80 12.0 9.7 14.5

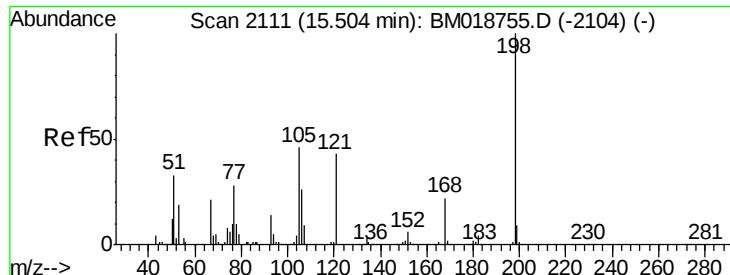


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

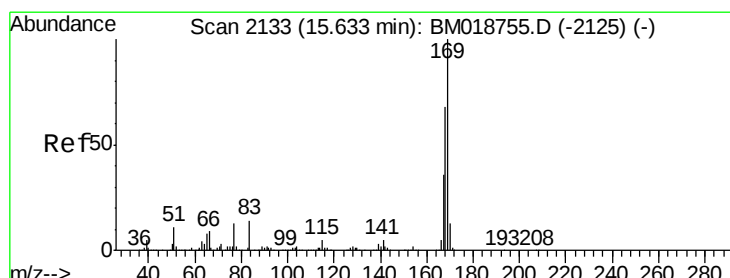
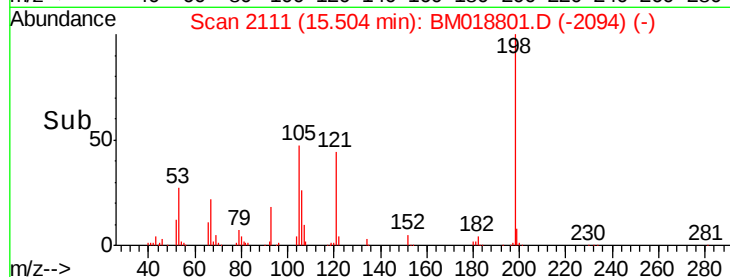
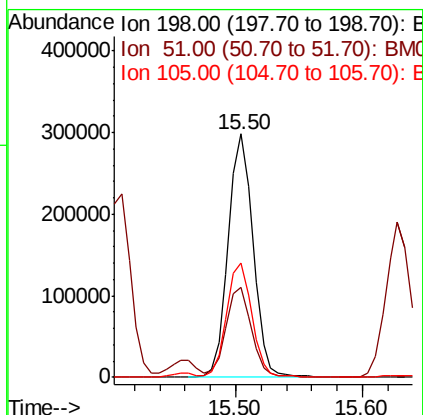
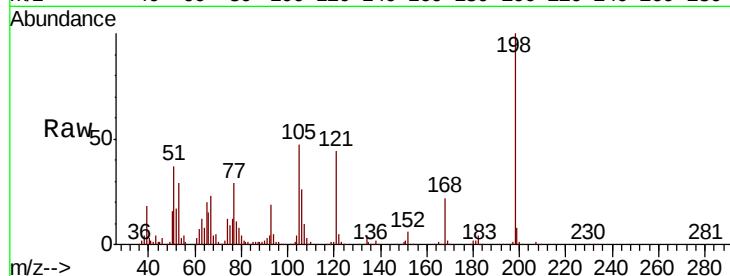




#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.023 ng
 RT: 15.50 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

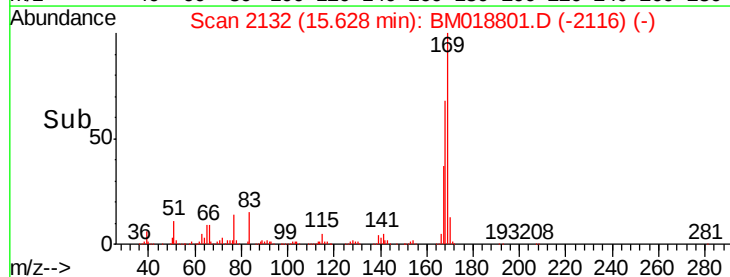
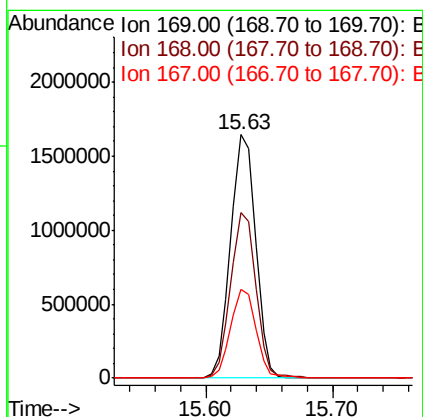
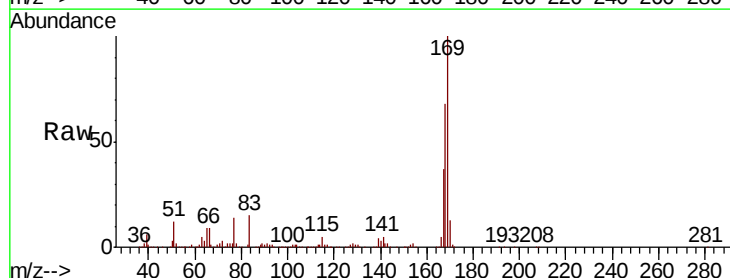
Instrument :
 BNA_M
 ClientSampleId :

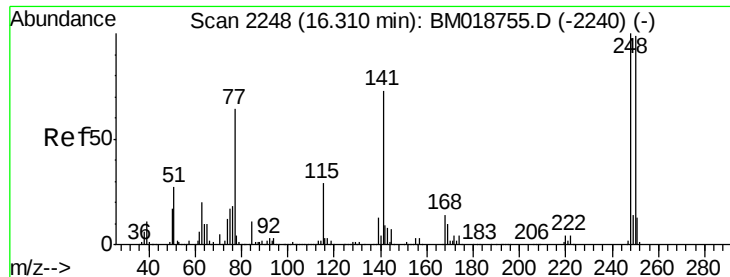
Tot Ion:198 Resp: 405472
 Ion Ratio Lower Upper
 198 100
 51 37.0 18.4 58.4
 105 47.2 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 41.867 ng
 RT: 15.63 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion:169 Resp: 2245267
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.4 81.6
 167 36.6 29.0 43.6

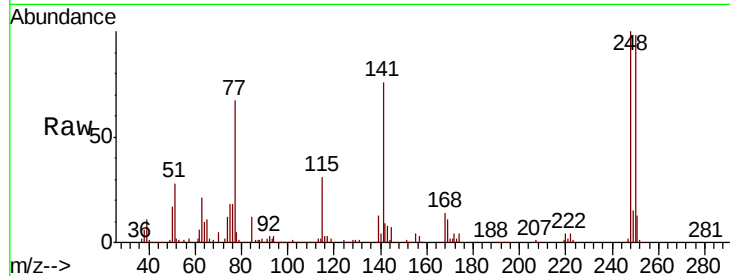




#67
4-Bromophenyl-phenylether
Concen: 40.360 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.0	118.6
141	75.6	58.6	88.0

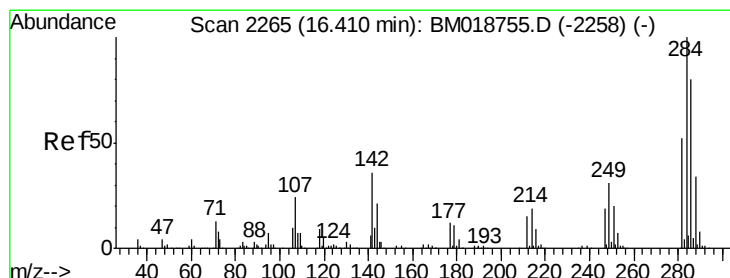
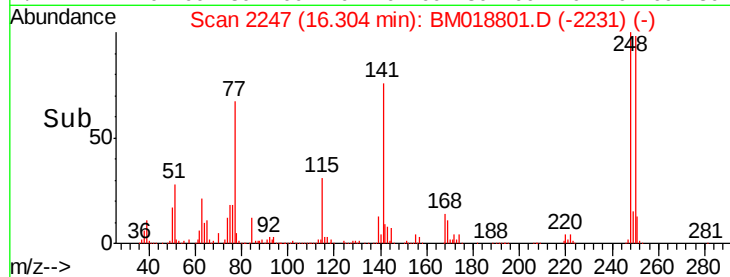
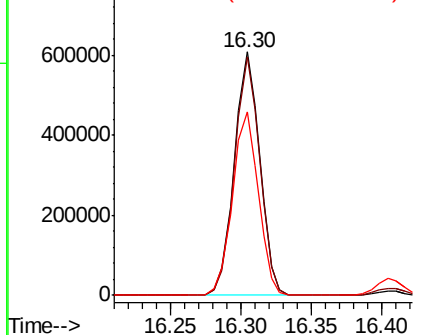


Abundance

Ion 248.00 (247.70 to 248.70): E

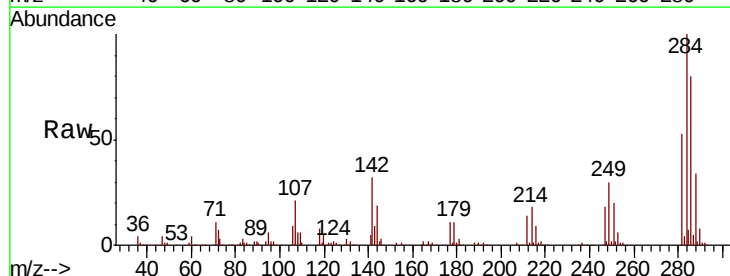
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.586 ng
RT: 16.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	28.9	43.3
249	29.6	24.8	37.2

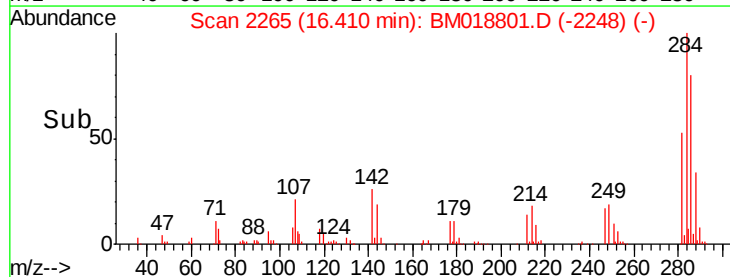
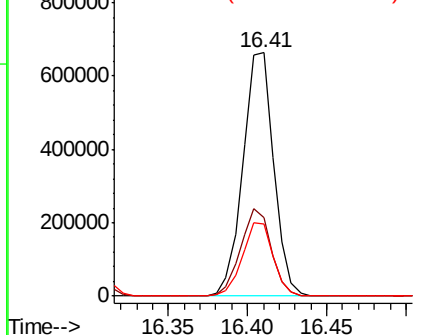


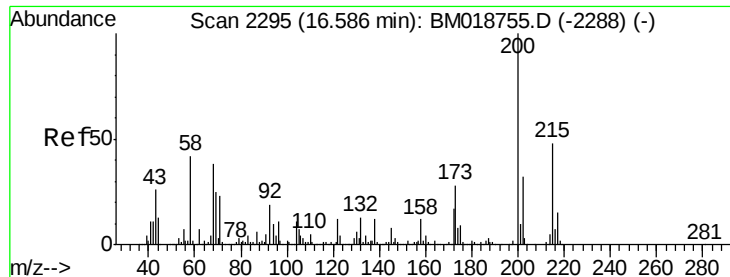
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.809 ng

RT: 16.59 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

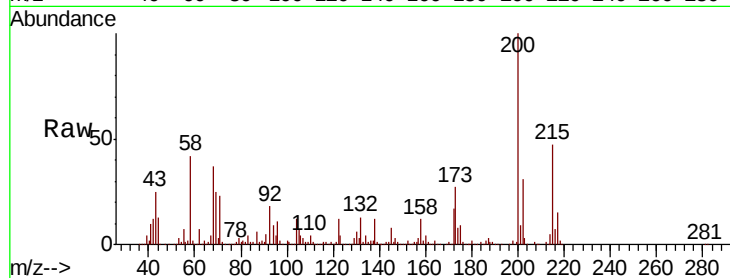
Tot Ion:200 Resp: 774702

Ion Ratio Lower Upper

200 100

173 26.9 7.6 47.6

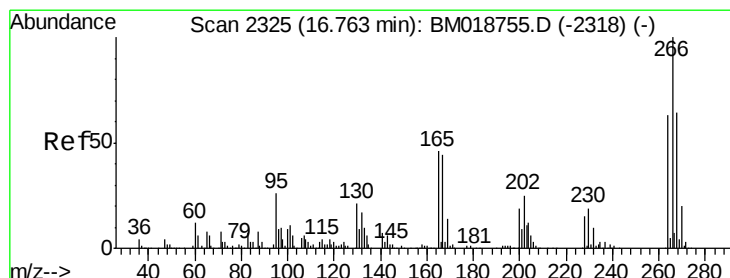
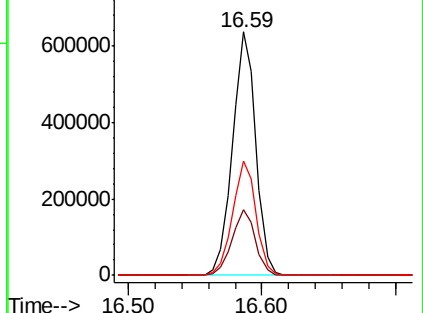
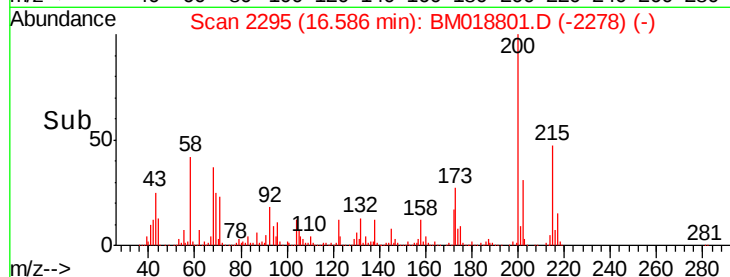
215 46.7 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.751 ng

RT: 16.76 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

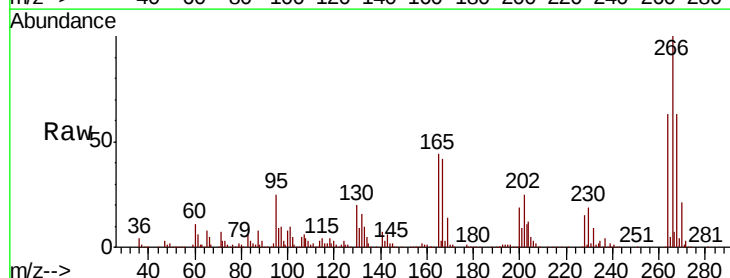
Tgt Ion:266 Resp: 1134026

Ion Ratio Lower Upper

266 100

268 63.3 51.3 76.9

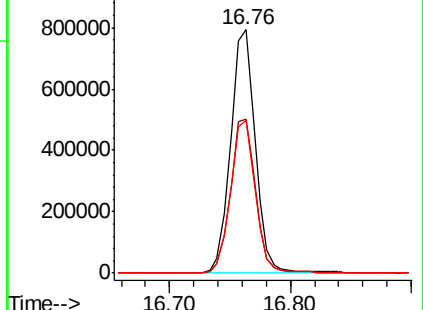
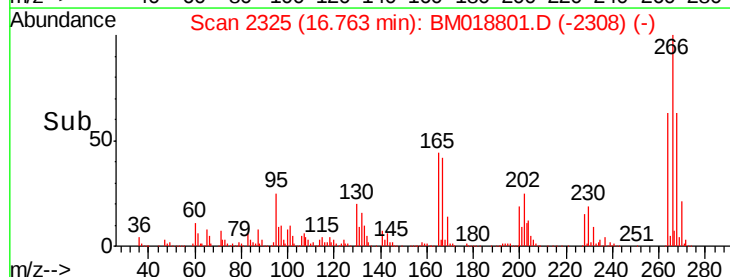
264 62.5 50.6 75.8

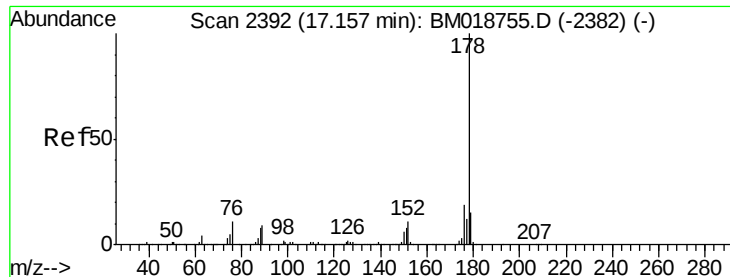


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

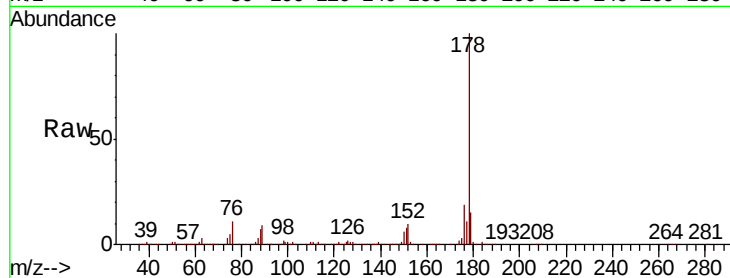




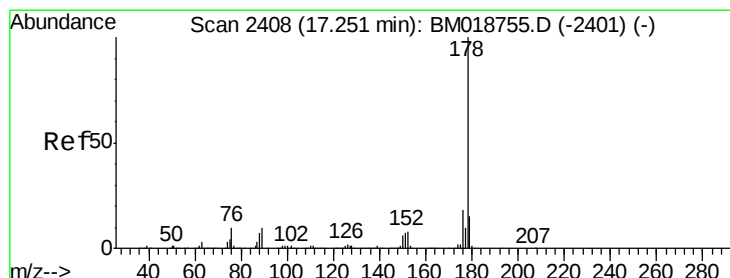
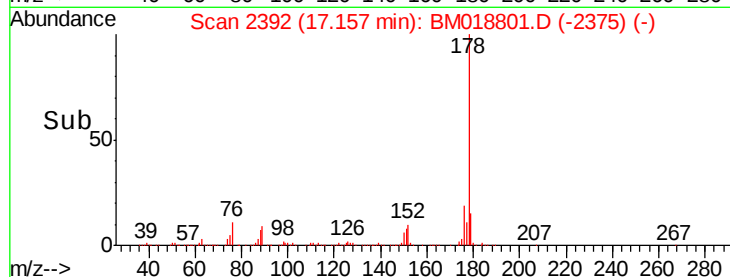
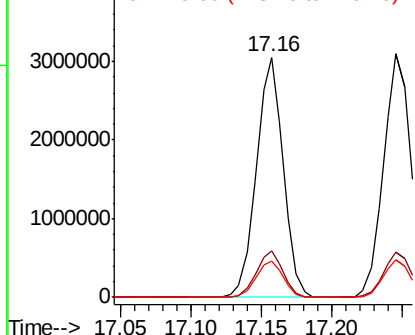
#71
Phenanthrene
Concen: 44.692 ng
RT: 17.16 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 4076849
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.2 12.3 18.5

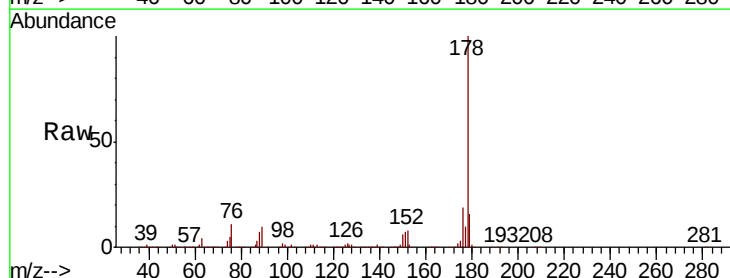


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

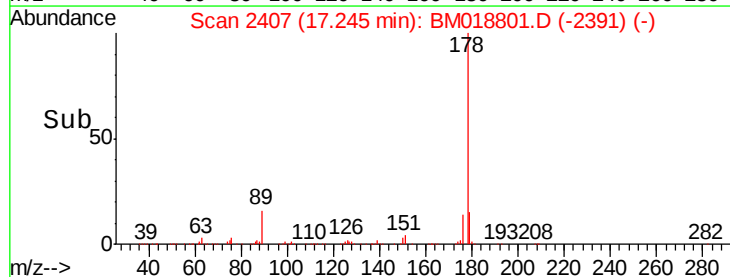
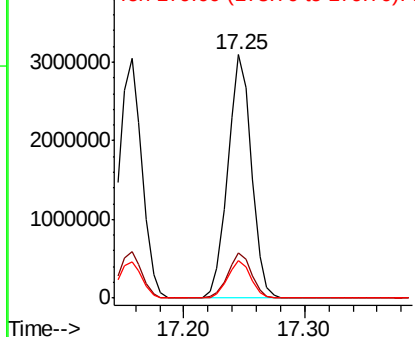


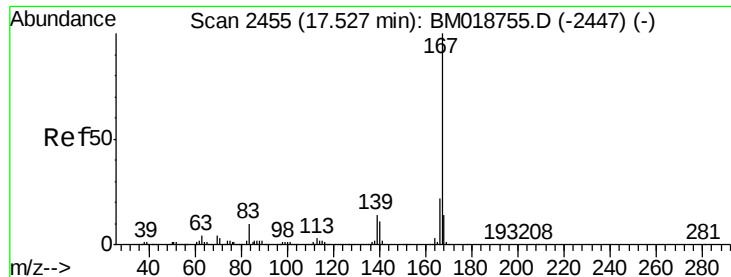
#72
Anthracene
Concen: 47.164 ng
RT: 17.25 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:178 Resp: 4187591
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.510 ng

RT: 17.53 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

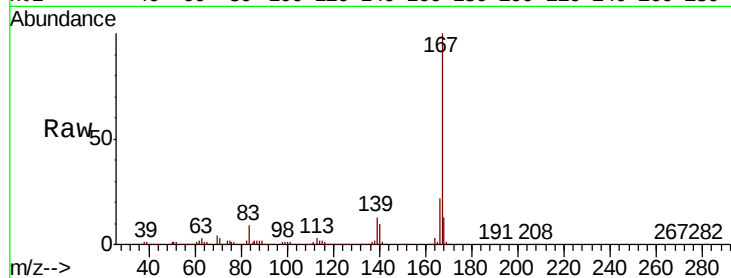
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 3850569

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.9	10.9	16.3

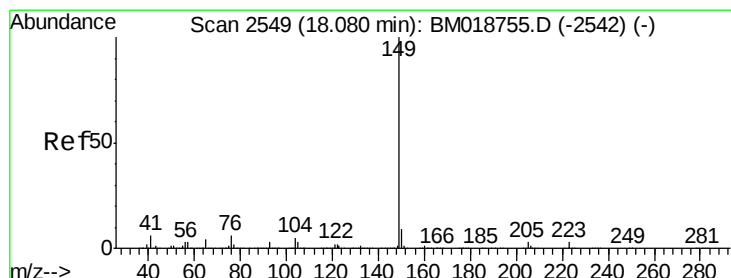
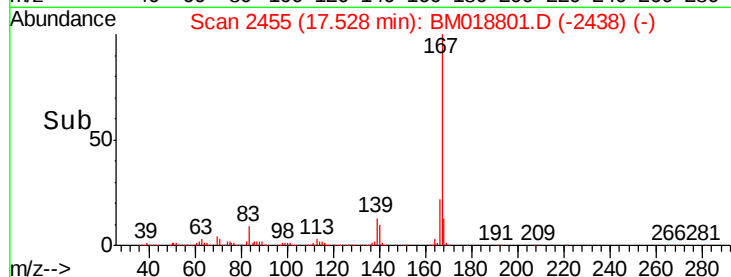
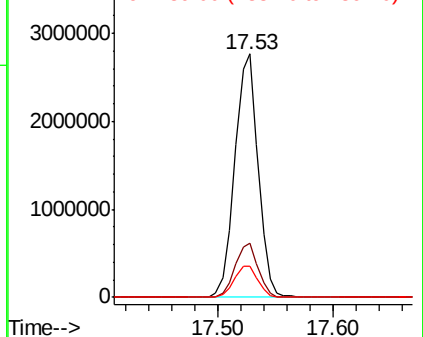


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.482 ng

RT: 18.08 min Scan# 2549

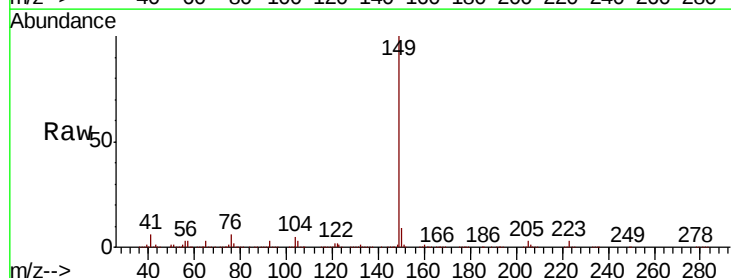
Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion:149 Resp: 4745452

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.4	4.3	6.5

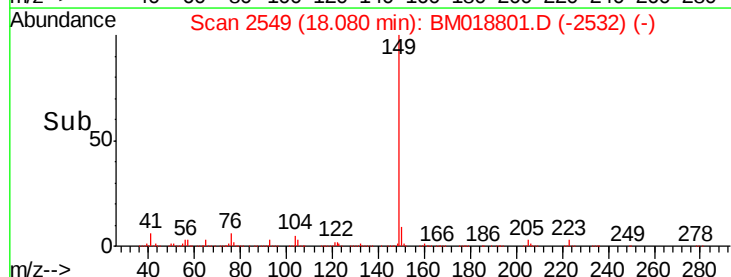
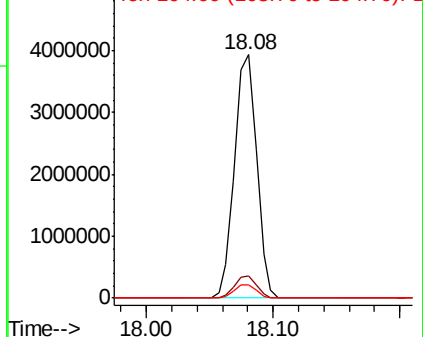


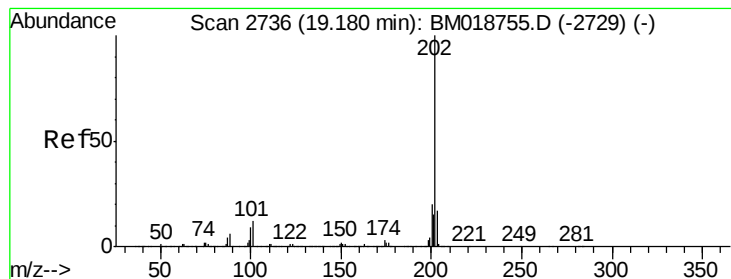
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.446 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

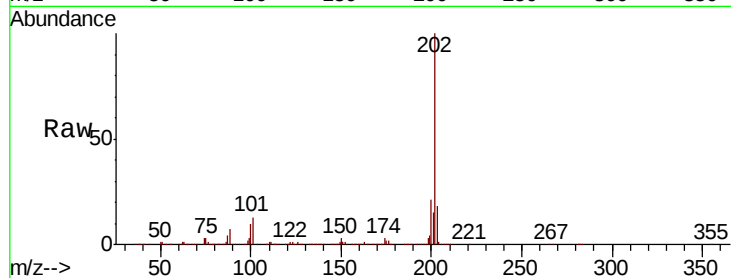
Tot Ion:202 Resp: 4788734

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.5

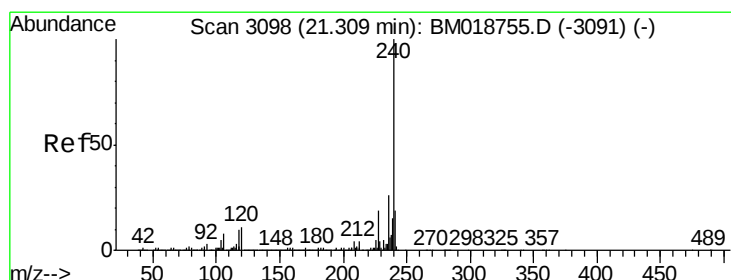
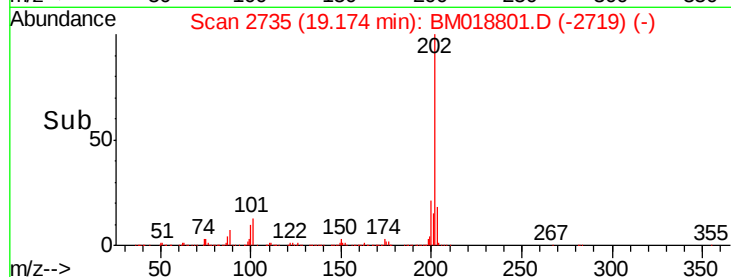
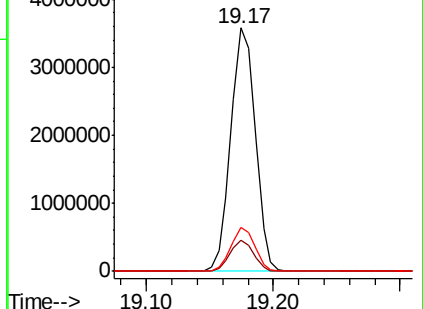
203 17.8 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

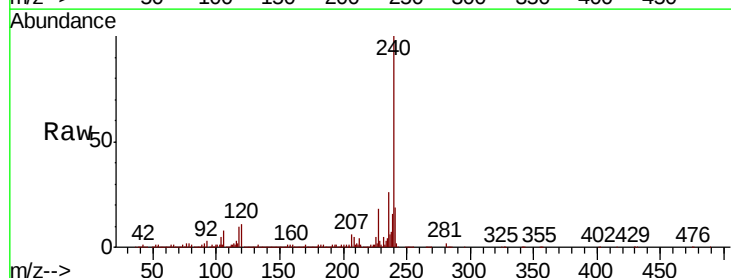
Tgt Ion:240 Resp: 1847288

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

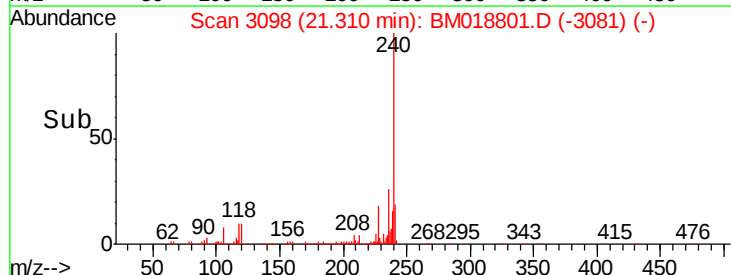
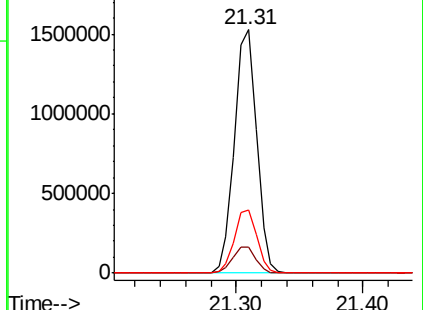
236 26.1 20.9 31.3

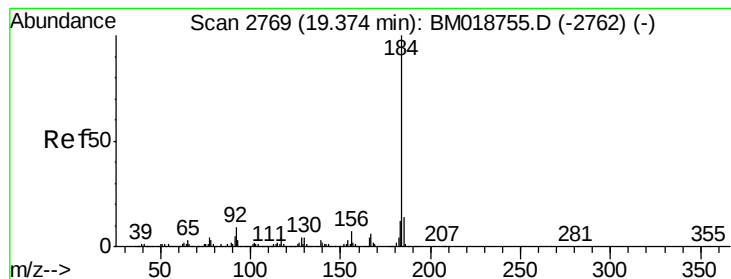


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 130.497 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

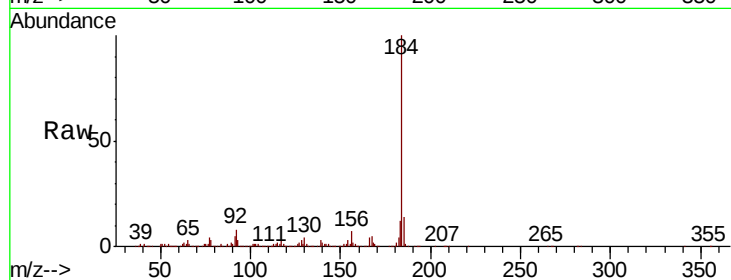
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 5429129

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.4	9.7	14.5

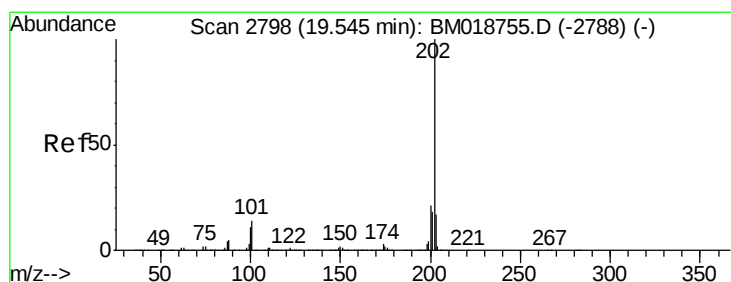
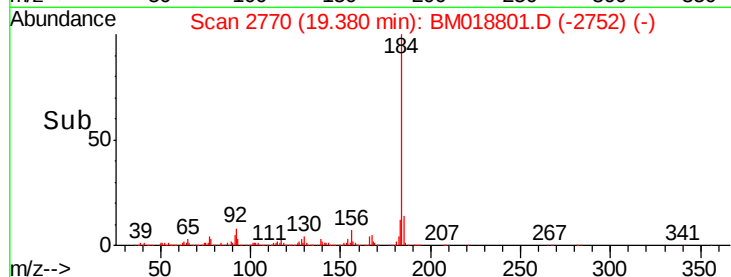
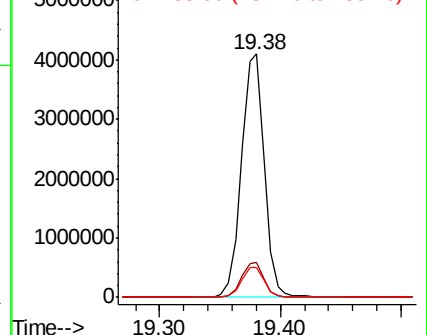


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.855 ng

RT: 19.54 min Scan# 2797

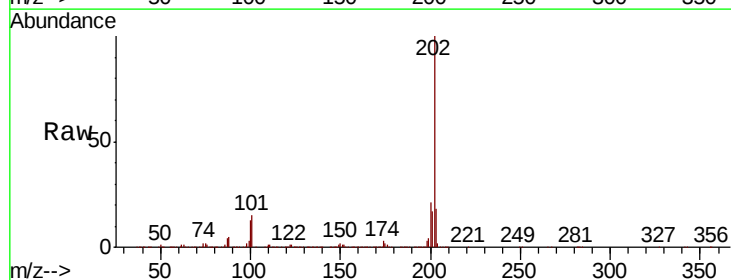
Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion:202 Resp: 4919727

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.6	13.8	20.8

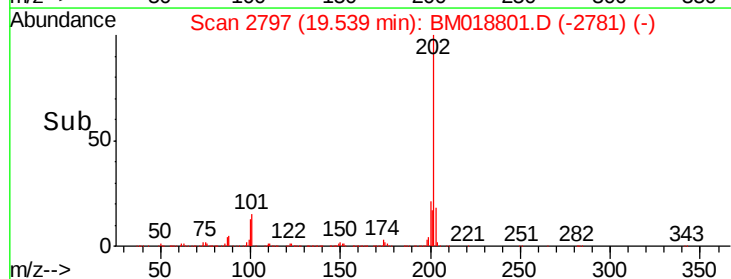
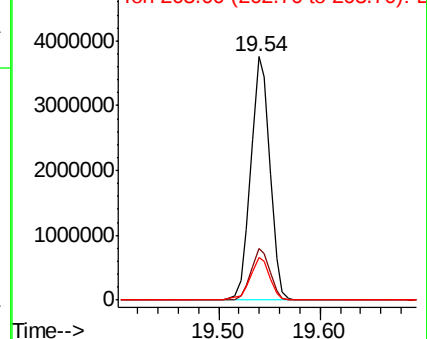


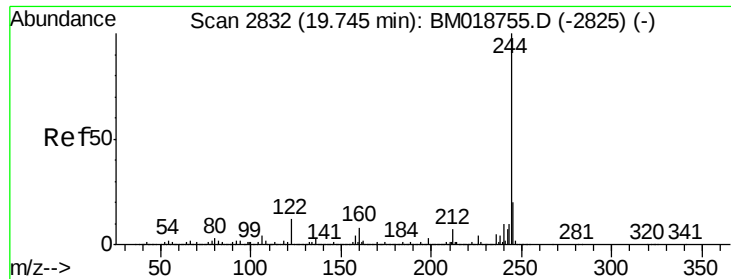
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

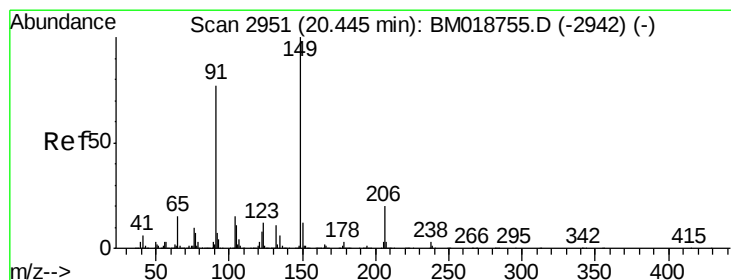
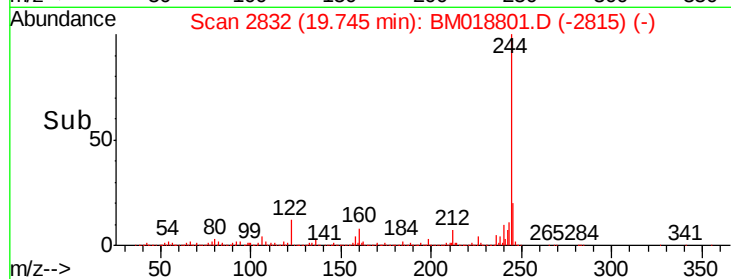
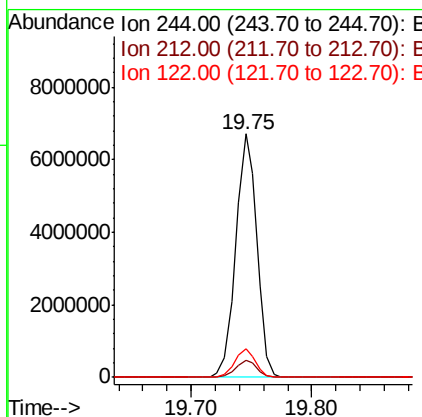
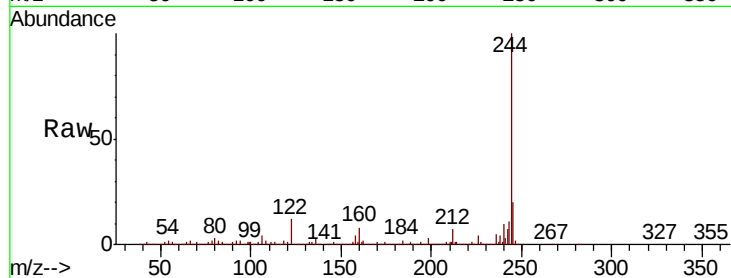




#79
 Terphenyl-d14
 Concen: 91.099 ng
 RT: 19.75 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

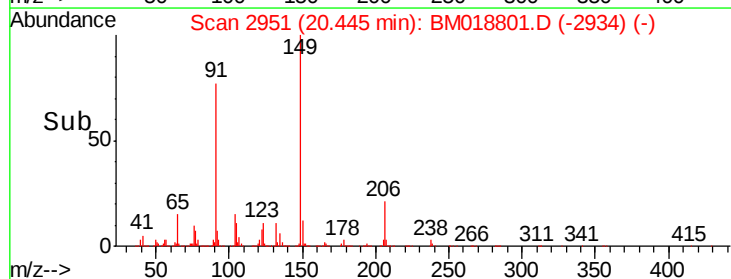
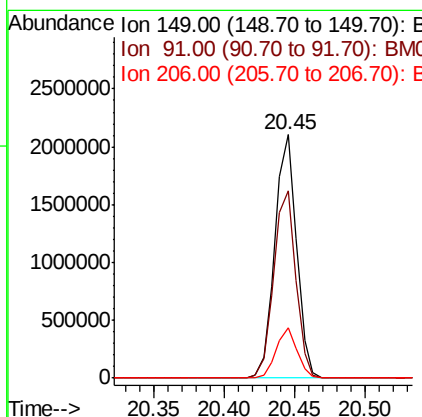
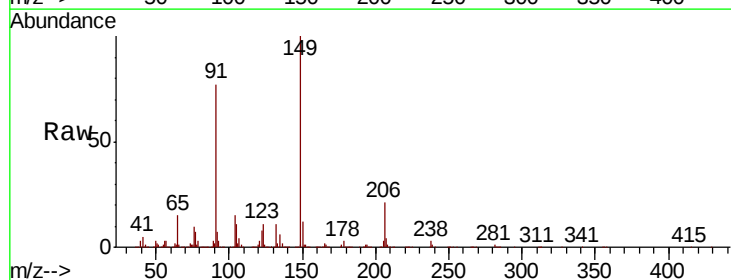
Instrument :
 BNA_M
 ClientSampled :

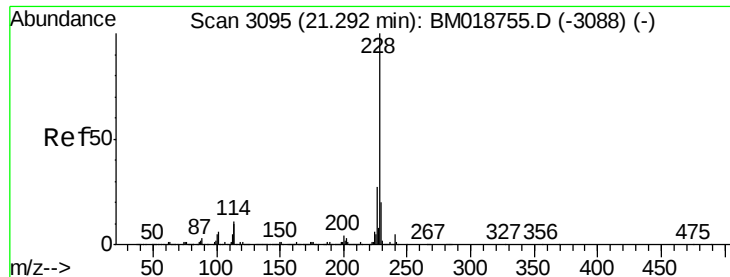
Tot Ion:244 Resp: 8157780
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.6 9.3 13.9



#80
 Butylbenzylphthalate
 Concen: 46.471 ng
 RT: 20.45 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion:149 Resp: 2272242
 Ion Ratio Lower Upper
 149 100
 91 76.7 61.4 92.0
 206 20.7 15.8 23.8





#81

Benzo(a)anthracene

Concen: 45.432 ng

RT: 21.29 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

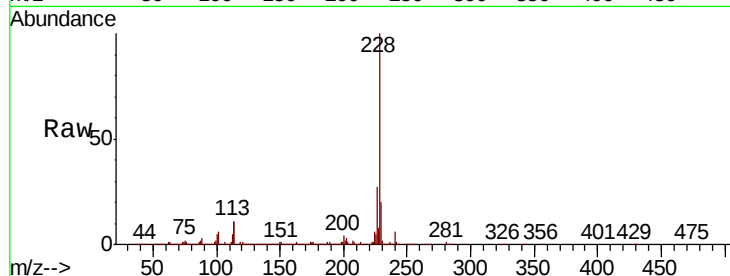
Tot Ion:228 Resp: 4892203

Ion Ratio Lower Upper

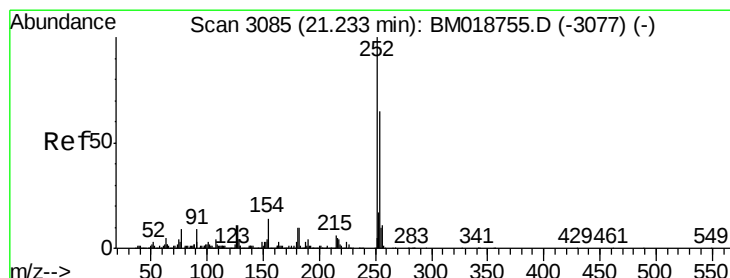
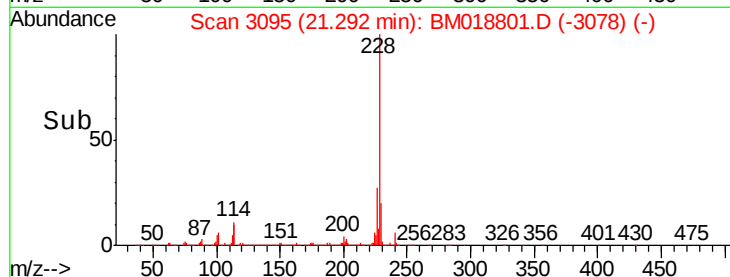
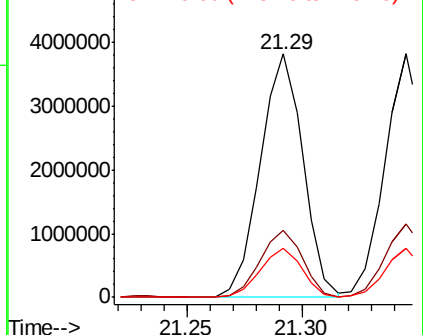
228 100

226 27.3 21.9 32.9

229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.105 ng

RT: 21.23 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

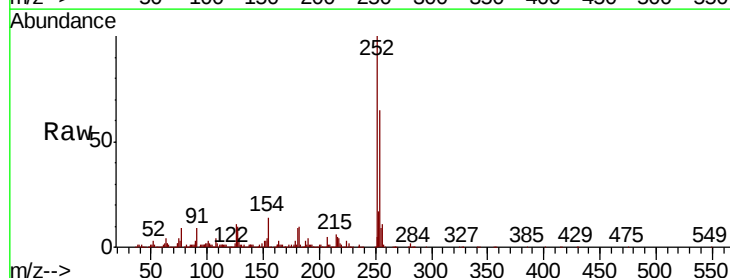
Tgt Ion:252 Resp: 1877007

Ion Ratio Lower Upper

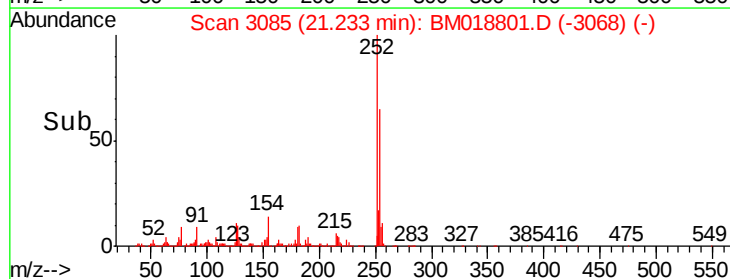
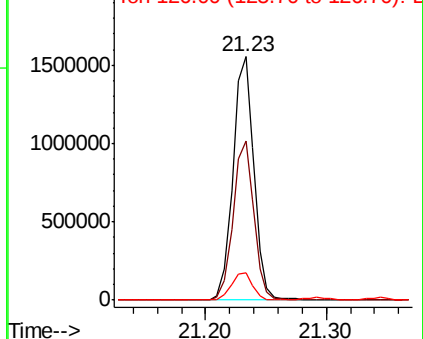
252 100

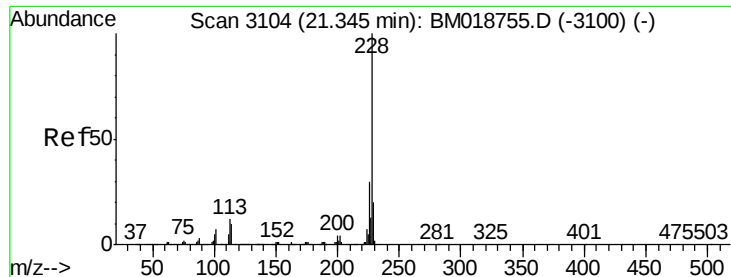
254 65.4 51.8 77.8

126 11.0 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

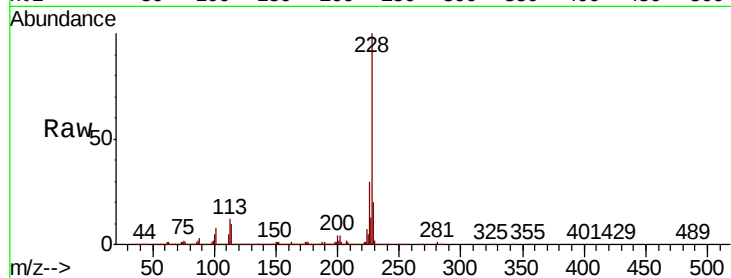




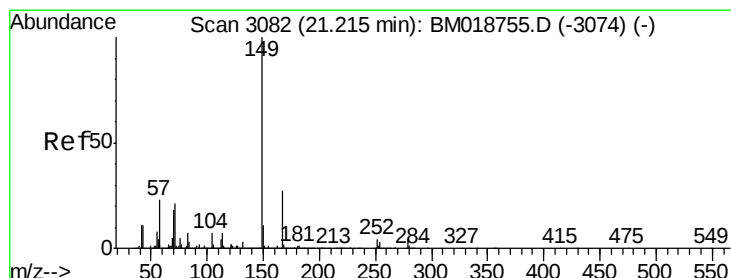
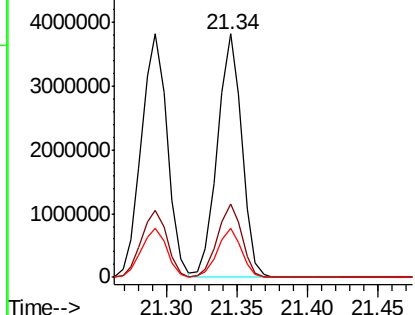
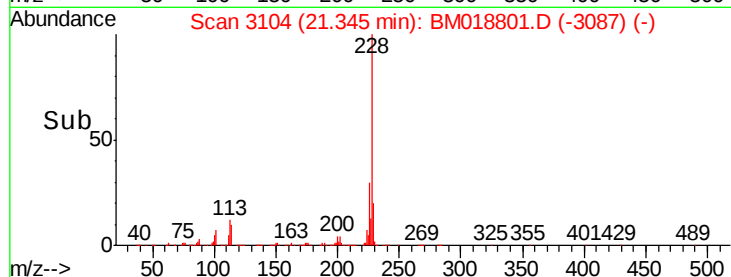
#83
Chrysene
Concen: 44.329 ng
RT: 21.34 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampled :

Tot Ion:228 Resp: 4575273
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.9 16.0 24.0

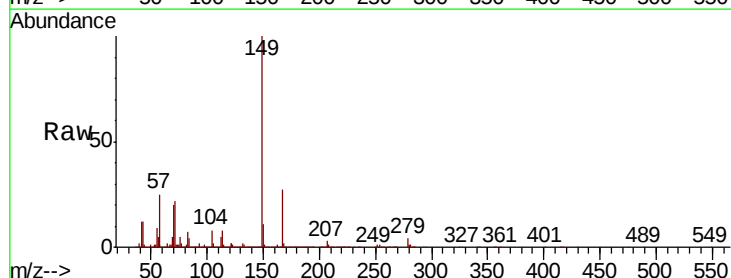


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

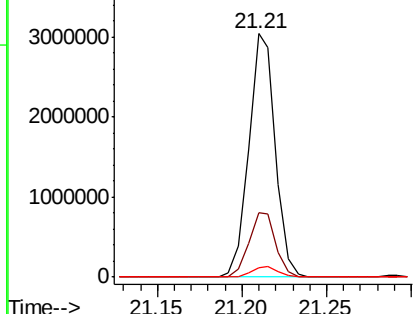
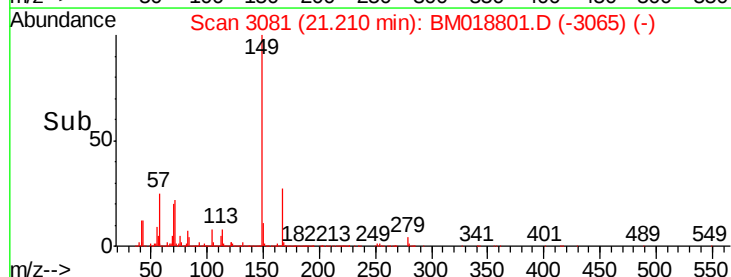


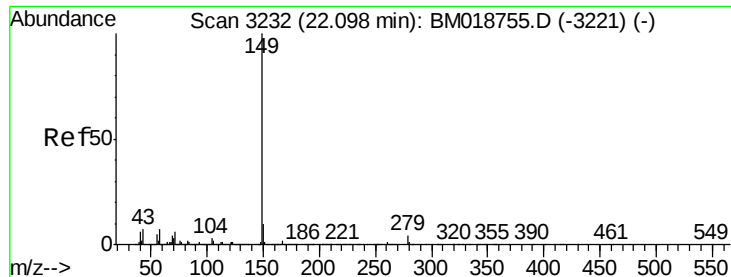
#84
Bis(2-ethylhexyl)phthalate
Concen: 46.172 ng
RT: 21.21 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:149 Resp: 3304240
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.6
279 3.9 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.985 ng

RT: 22.10 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

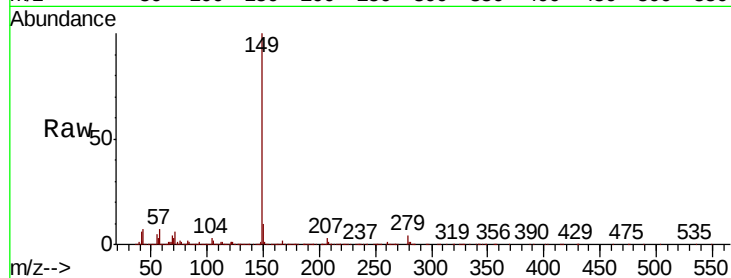
Tot Ion:149 Resp: 5651326

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

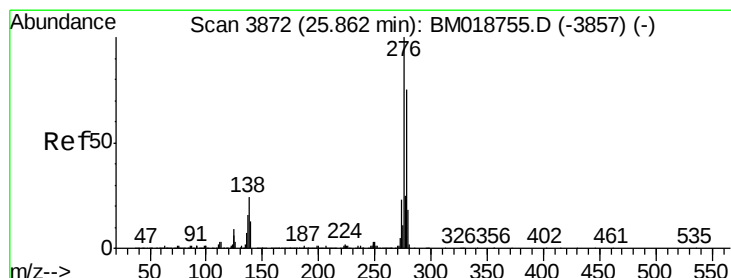
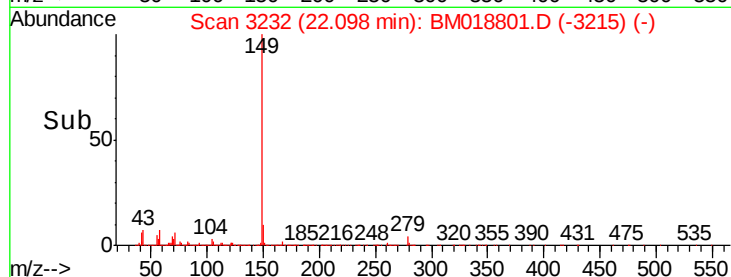
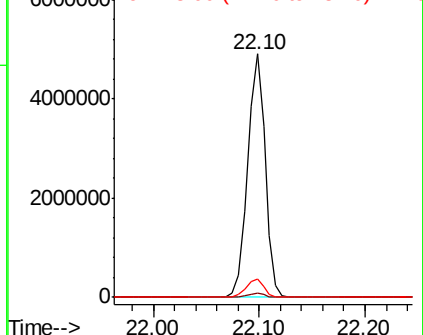
43 7.5 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.488 ng

RT: 25.86 min Scan# 3872

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

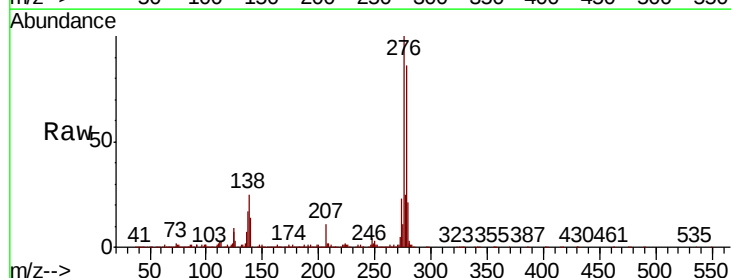
Tgt Ion:276 Resp: 4705516

Ion Ratio Lower Upper

276 100

138 25.6 20.2 30.4

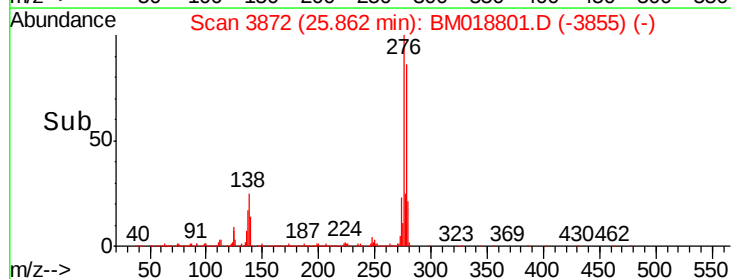
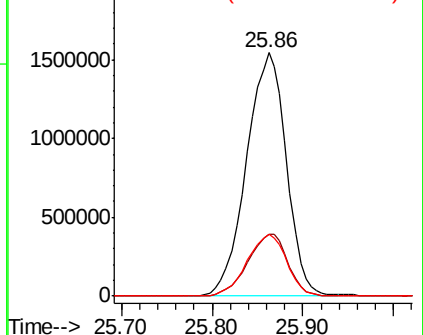
277 25.2 20.3 30.5

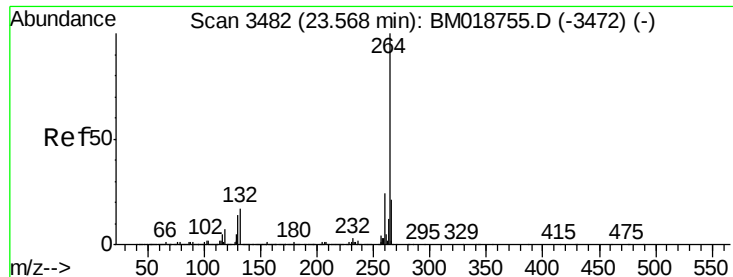


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

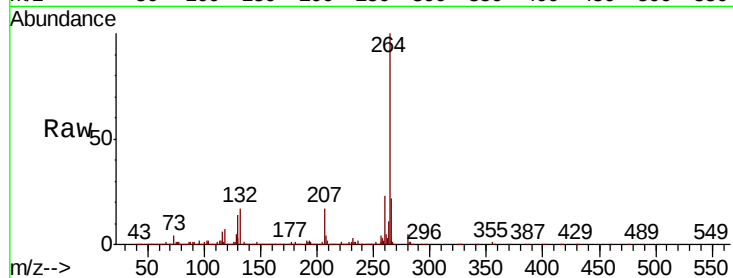
Tot Ion:264 Resp: 1752659

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.0	17.3	25.9

264 100

260 23.3 18.9 28.3

265 22.0 17.3 25.9

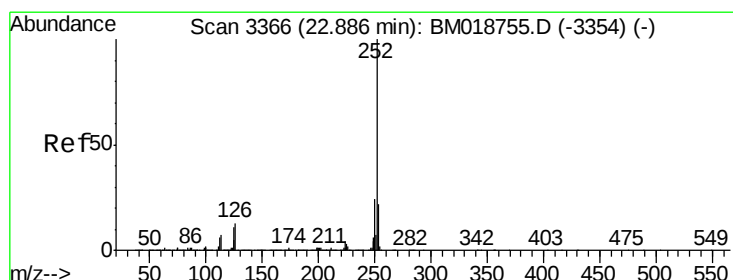
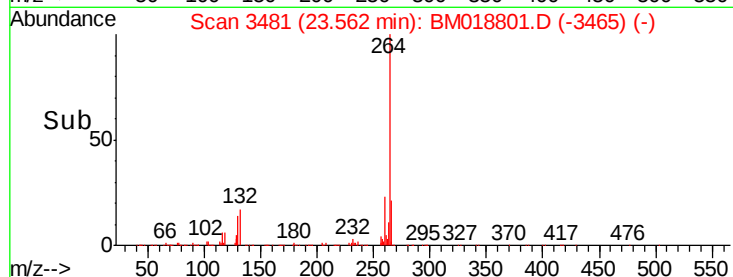
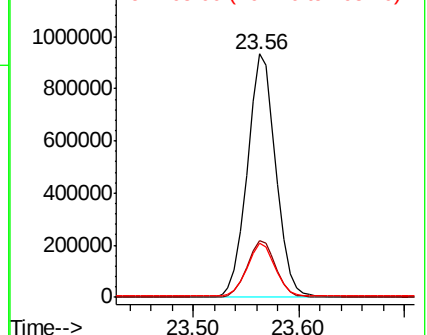


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.040 ng

RT: 22.89 min Scan# 3366

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

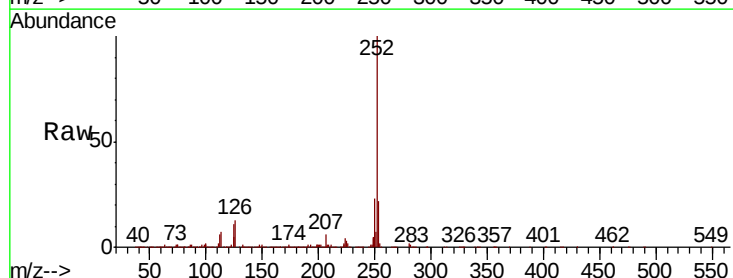
Tgt Ion:252 Resp: 4817244

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.6	8.6	12.8

252 100

253 22.1 17.8 26.6

125 10.6 8.6 12.8

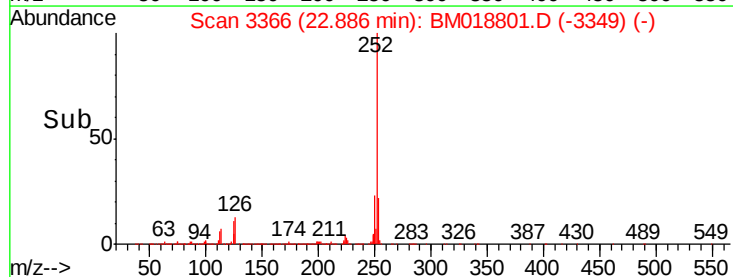
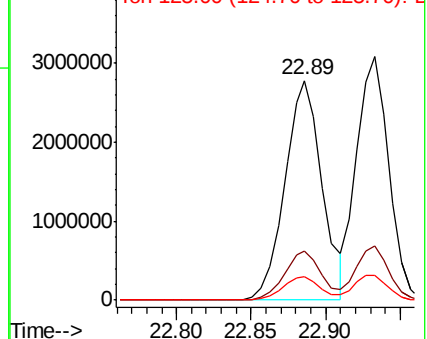


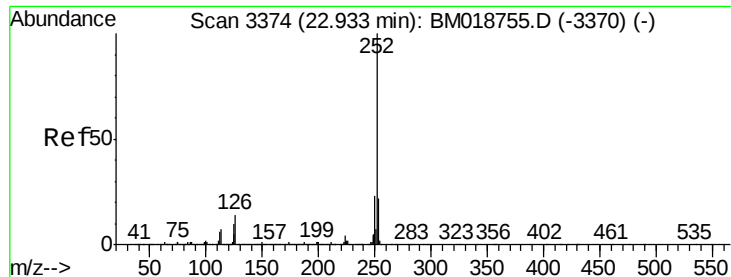
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

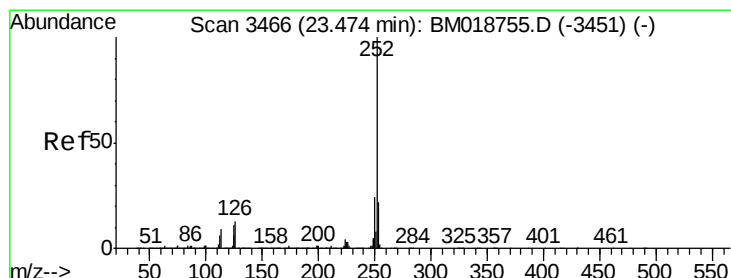
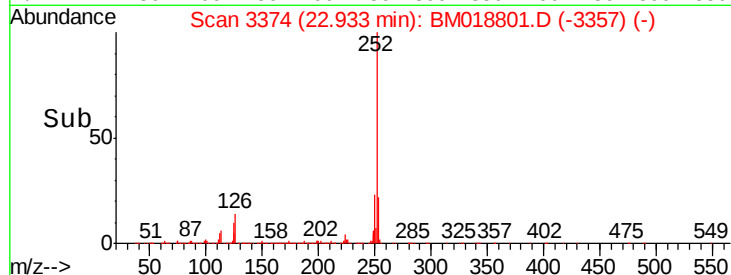
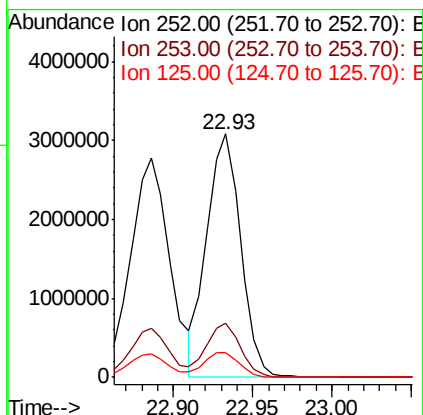
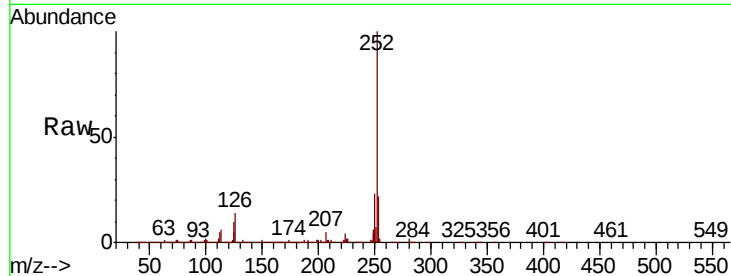




#89
Benzo(k)fluoranthene
Concen: 45.995 ng
RT: 22.93 min Scan# 3374
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

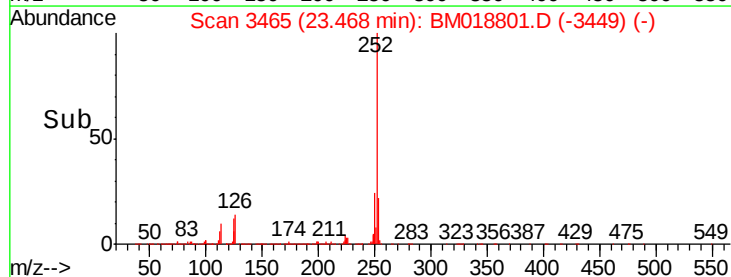
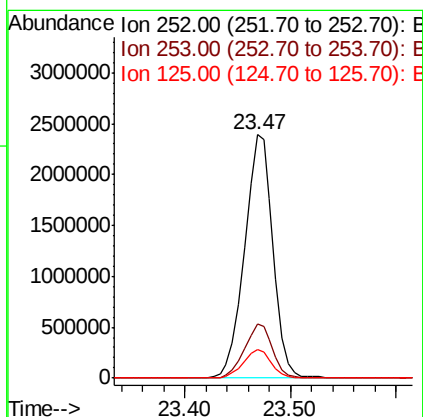
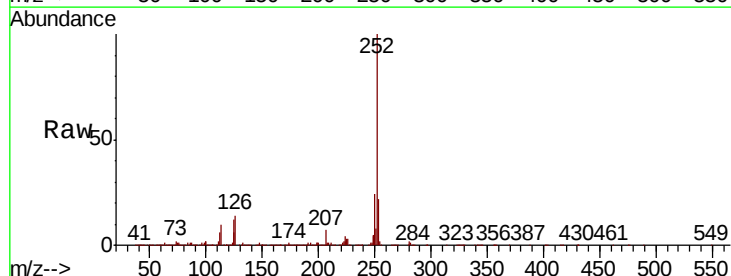
Instrument :
BNA_M
ClientSampleId :

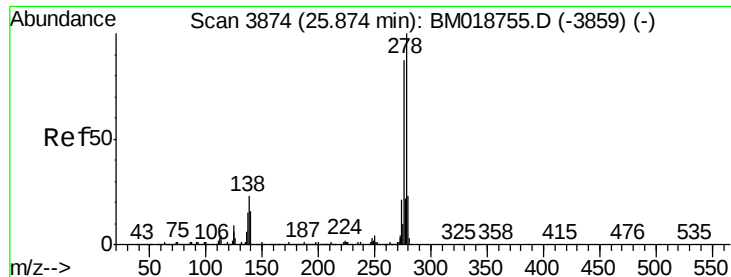
Tot Ion:252 Resp: 4591711
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 46.765 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:252 Resp: 4442381
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 42.833 ng

RT: 25.87 min Scan# 3874

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

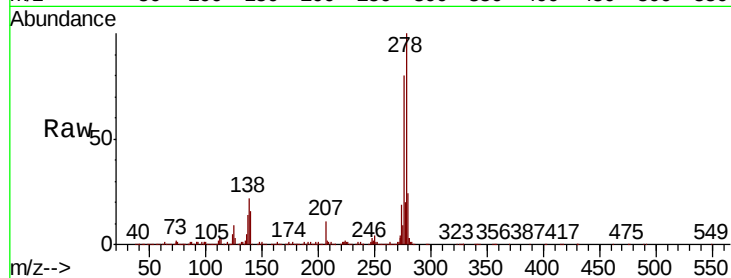
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 4031191

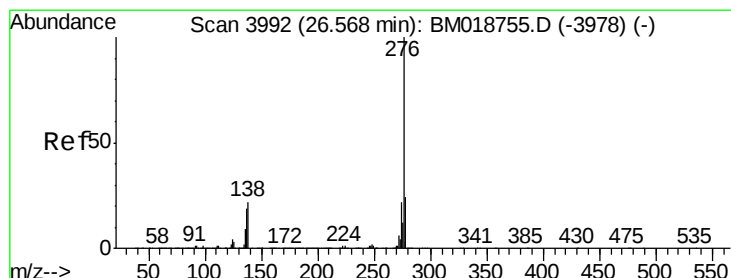
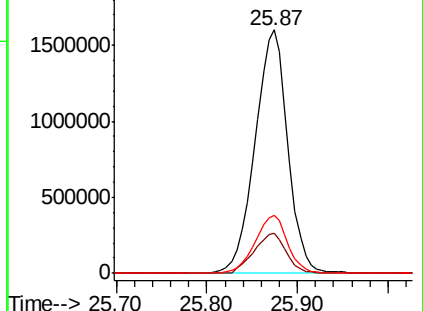
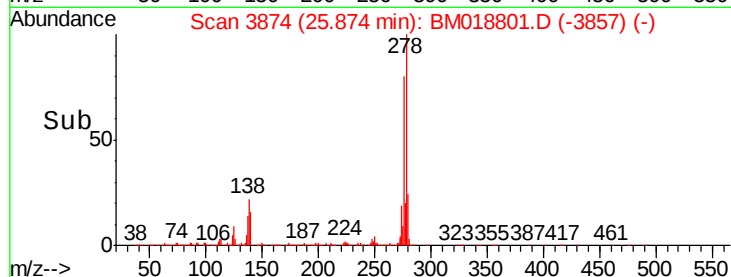
Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	18.8
279	23.8	18.6	28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.840 ng

RT: 26.56 min Scan# 3991

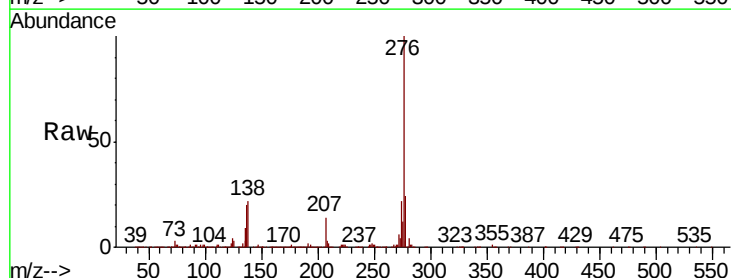
Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion:276 Resp: 3665943

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	22.0	17.3	25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

