

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018800.D
 Acq On : 13 Feb 2019 11:21
 Operator : JU/SJ
 Sample : PB117038BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 13 12:56:51 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	275937	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1206804	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	711544	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1652391	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1819324	20.00	ng	0.00
87) Perylene-d12	23.57	264	1797602	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1341186	79.64	ng	0.00
7) Phenol-d6	6.89	99	1968085	82.95	ng	0.00
23) Nitrobenzene-d5	8.88	82	2112614	80.94	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	854468	83.31	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4297698	80.18	ng	0.00
79) Terphenyl-d14	19.74	244	8022208	90.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	300249	40.933	ng	99
3) Pyridine	3.65	79	927277	46.346	ng	99
4) n-Nitrosodimethylamine	3.57	42	264255	51.917	ng	92
6) Aniline	7.05	93	1353853	46.574	ng	99
8) 2-Chlorophenol	7.27	128	806083	43.595	ng	98
9) Benzaldehyde	6.87	77	601837	49.337	ng	99
10) Phenol	6.91	94	1110080	44.468	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	813026	42.695	ng	99
12) 1,3-Dichlorobenzene	7.60	146	863492	41.532	ng	99
13) 1,4-Dichlorobenzene	7.75	146	875890	41.381	ng	100
14) 1,2-Dichlorobenzene	8.06	146	853011	41.955	ng	100
15) Benzyl Alcohol	7.96	79	854916	45.350	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	785601	42.625	ng	98
17) 2-Methylphenol	8.16	107	717936	45.186	ng	99
18) Hexachloroethane	8.77	117	325259	42.096	ng	99
19) n-Nitroso-di-n-propylamine	8.52	70	819784	44.627	ng	100
20) 3+4-Methylphenols	8.49	107	995075	45.355	ng	98
22) Acetophenone	8.54	105	1355215	40.892	ng	# 98
24) Nitrobenzene	8.92	77	1150688	42.474	ng	99
25) Isophorone	9.44	82	2065463	49.598	ng	99
26) 2-Nitrophenol	9.63	139	463116	42.926	ng	98
27) 2,4-Dimethylphenol	9.68	122	771474	48.959	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1183800	43.959	ng	100
29) 2,4-Dichlorophenol	10.15	162	794805	43.928	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	853859	40.863	ng	99
31) Naphthalene	10.55	128	2641078	44.873	ng	99
32) Benzoic acid	9.83	122	487411	35.460	ng	95
33) 4-Chloroaniline	10.67	127	1173618	44.607	ng	99
34) Hexachlorobutadiene	10.82	225	466008	38.422	ng	99
35) Caprolactam	11.49	113	151060	20.457	ng	93
36) 4-Chloro-3-methylphenol	11.80	107	968900	44.415	ng	99
37) 2-Methylnaphthalene	12.17	142	1951569	47.095	ng	99
38) 1-Methylnaphthalene	12.39	142	1863527	45.988	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	931080	40.906	ng	98

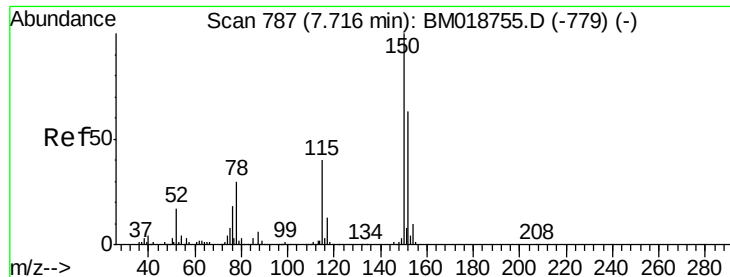
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018800.D
 Acq On : 13 Feb 2019 11:21
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1187050	102.003	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	659373	43.759	ng	98
44) 2,4,5-Trichlorophenol	12.86	196	700154	44.332	ng	99
46) 1,1'-Biphenyl	13.19	154	2500601	40.827	ng	99
47) 2-Chloronaphthalene	13.23	162	1942881	41.069	ng	99
48) 2-Nitroaniline	13.46	65	699117	44.497	ng	98
49) Acenaphthylene	14.09	152	3227284	45.815	ng	100
50) Dimethylphthalate	13.83	163	2537656	42.794	ng	99
51) 2,6-Dinitrotoluene	13.96	165	564679	43.959	ng	97
52) Acenaphthene	14.43	154	1840381	42.608	ng	100
53) 3-Nitroaniline	14.29	138	604259	41.632	ng	98
54) 2,4-Dinitrophenol	14.50	184	421755	53.778	ng	99
55) Dibenzofuran	14.76	168	3013121	42.442	ng	99
56) 4-Nitrophenol	14.60	139	988512	85.317	ng	100
57) 2,4-Dinitrotoluene	14.74	165	803843	45.418	ng	99
58) Fluorene	15.42	166	2476202	45.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	652871	46.767	ng	98
60) Diethylphthalate	15.19	149	2649653	43.316	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	1233850	40.518	ng	98
62) 4-Nitroaniline	15.46	138	613623	43.124	ng	99
63) Azobenzene	15.70	77	2839126	43.288	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	368311	31.747	ng	98
66) n-Nitrosodiphenylamine	15.63	169	2162709	41.427	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	737394	39.868	ng	97
68) Hexachlorobenzene	16.41	284	858698	39.942	ng	98
69) Atrazine	16.59	200	745732	44.308	ng	99
70) Pentachlorophenol	16.76	266	1096943	79.245	ng	99
71) Phenanthrene	17.16	178	3948969	44.469	ng	100
72) Anthracene	17.24	178	4027908	46.601	ng	100
73) Carbazole	17.53	167	3717462	41.167	ng	99
74) Di-n-butylphthalate	18.08	149	4592301	44.219	ng	100
75) Fluoranthene	19.17	202	4674728	45.573	ng	98
77) Benzidine	19.38	184	5240706	127.904	ng	100
78) Pyrene	19.54	202	4786258	45.297	ng	100
80) Butylbenzylphthalate	20.44	149	2222564	46.154	ng	99
81) Benzo(a)anthracene	21.29	228	4828959	45.534	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1851636	44.178	ng	99
83) Chrysene	21.34	228	4513103	44.399	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3212434	45.579	ng	100
85) Di-n-octyl phthalate	22.10	149	5571763	47.036	ng	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	4898850	41.743	ng	99
88) Benzo(b)fluoranthene	22.89	252	4823547	46.900	ng	100
89) Benzo(k)fluoranthene	22.93	252	4636874	45.286	ng	100
90) Benzo(a)pyrene	23.47	252	4523833	46.432	ng	98
91) Dibenzo(a,h)anthracene	25.87	278	4195394	43.463	ng	99
92) Benzo(g,h,i)perylene	26.57	276	3818597	42.493	ng	99

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

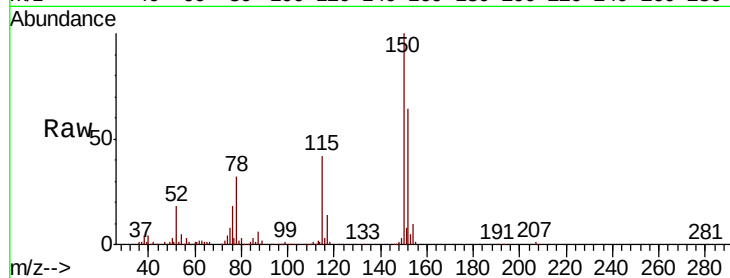


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.3	190.9
115	64.4	50.8	76.2

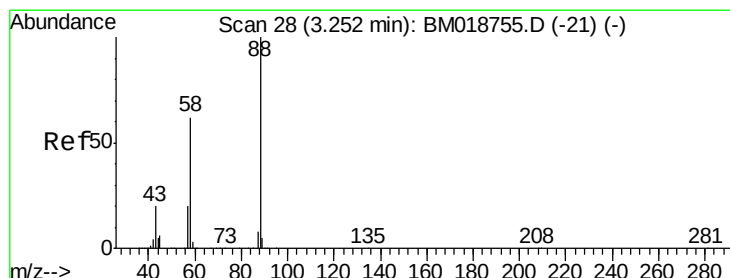
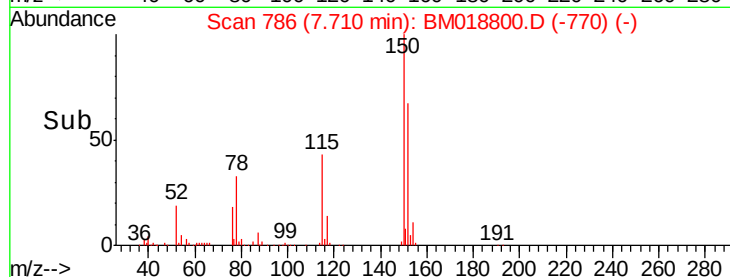
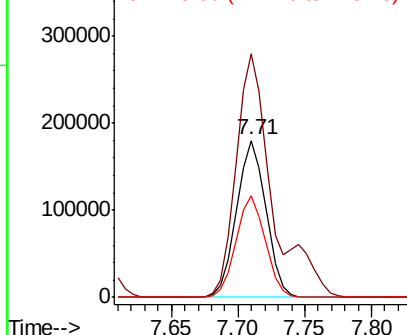


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

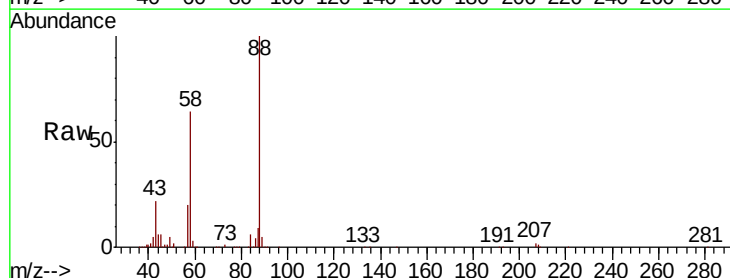
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.933 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	49.8	74.6
43	22.3	16.7	25.1

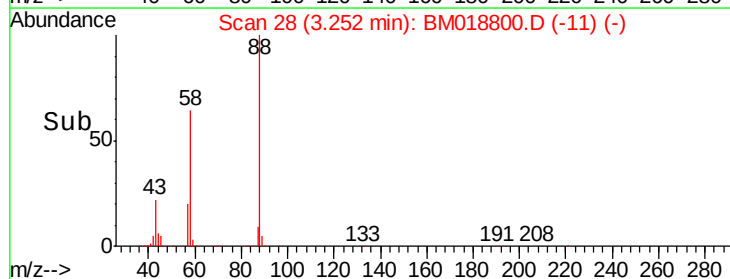
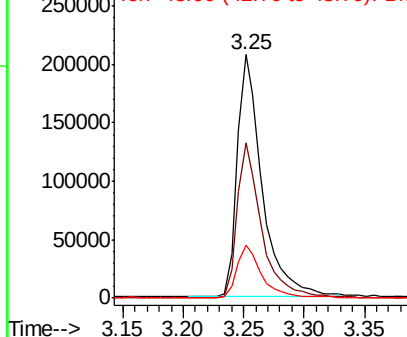


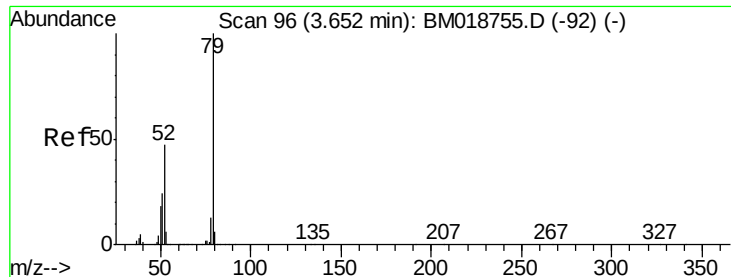
Abundance

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: 46.346 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

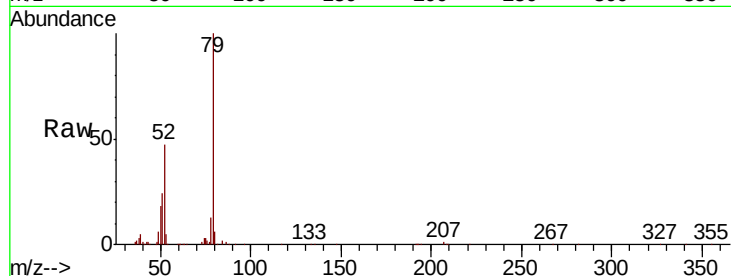
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 79 Resp: 927277

Ion	Ratio	Lower	Upper
79	100		
52	46.9	37.6	56.4
51	23.8	19.7	29.5

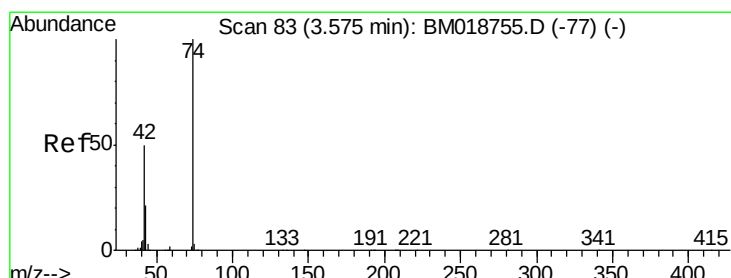
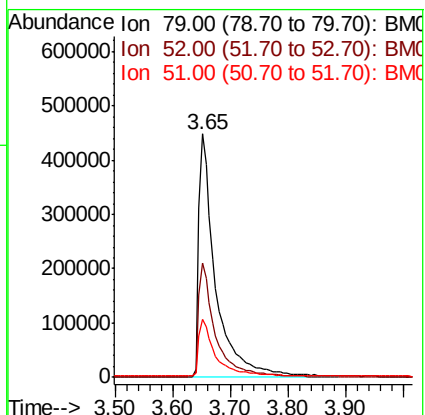
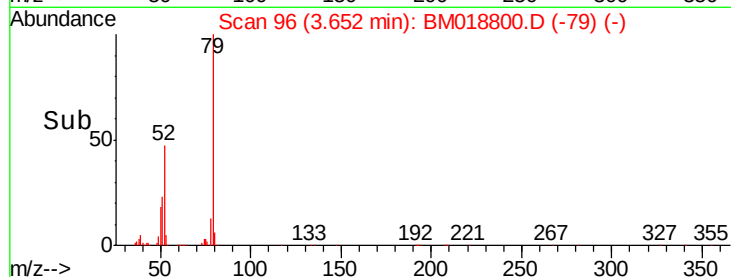


Abundance

Ion 79.00 (78.70 to 79.70): BM018800.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM018800.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM018800.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 51.917 ng

RT: 3.57 min Scan# 82

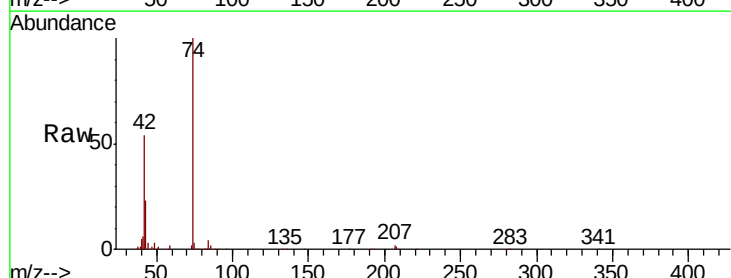
Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion: 42 Resp: 264255

Ion	Ratio	Lower	Upper
42	100		
74	184.6	158.1	237.1
44	5.4	4.9	7.3

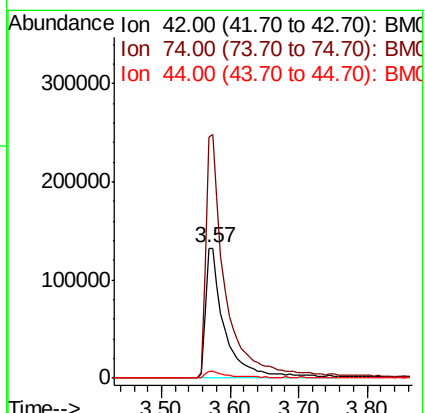
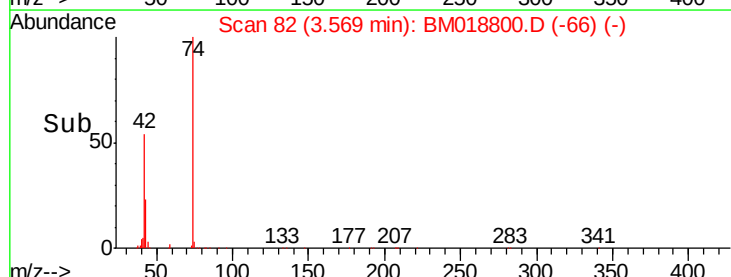


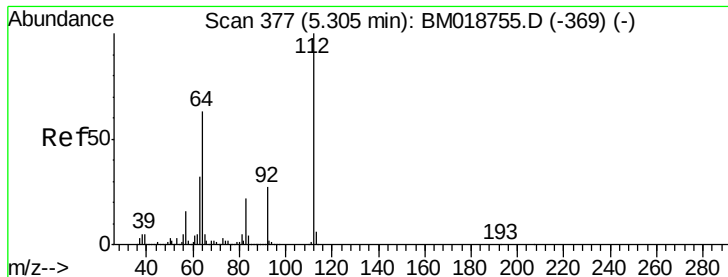
Abundance

Ion 42.00 (41.70 to 42.70): BM018800.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BM018800.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BM018800.D (-66) (-)





#5

2-Fluorophenol

Concen: 79.638 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampled :

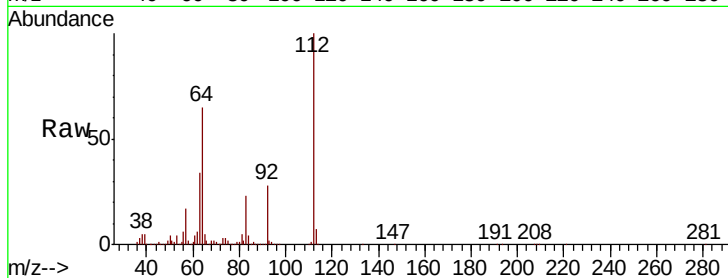
Tot Ion:112 Resp: 1341186

Ion Ratio Lower Upper

112 100

64 65.1 50.6 75.8

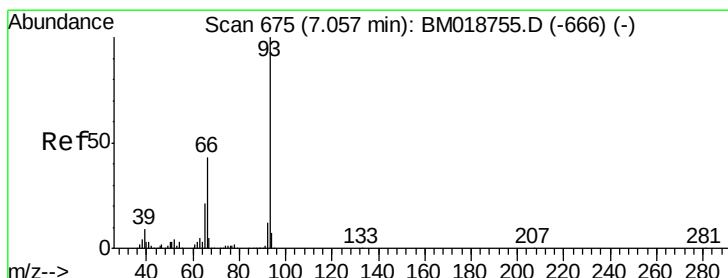
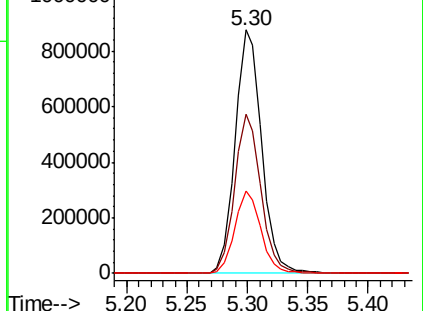
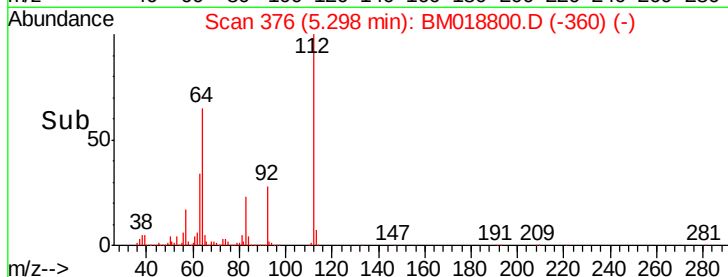
63 33.6 25.7 38.5



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: 46.574 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

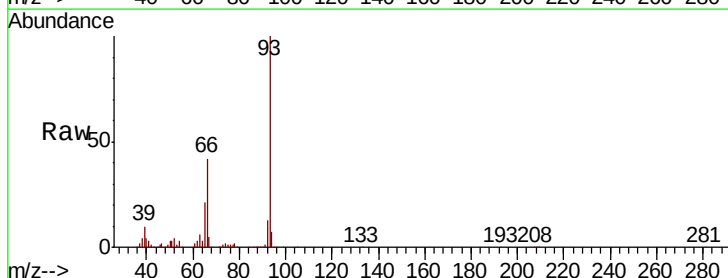
Tgt Ion: 93 Resp: 1353853

Ion Ratio Lower Upper

93 100

66 42.4 34.1 51.1

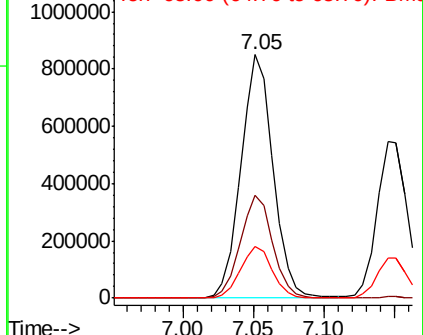
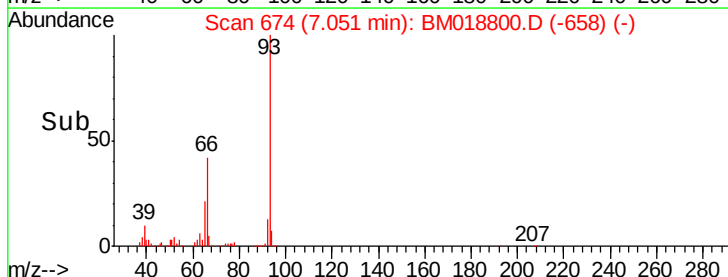
65 21.2 16.6 24.8

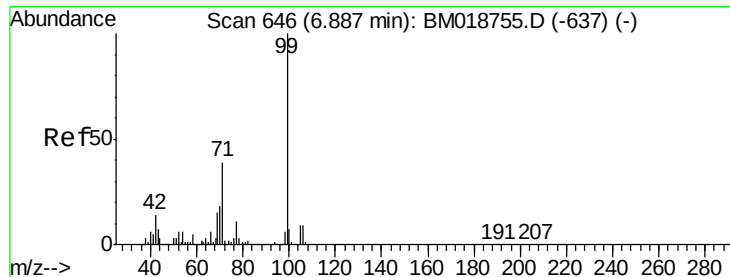


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 82.954 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

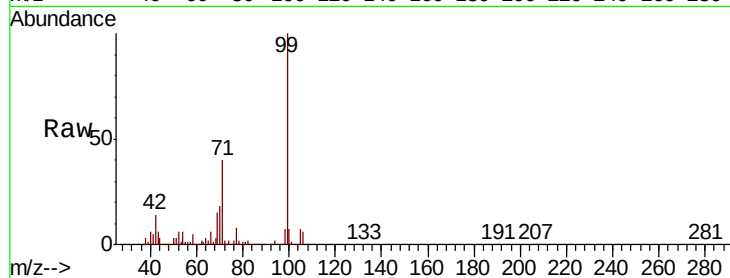
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1968085

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	39.6	31.3	46.9

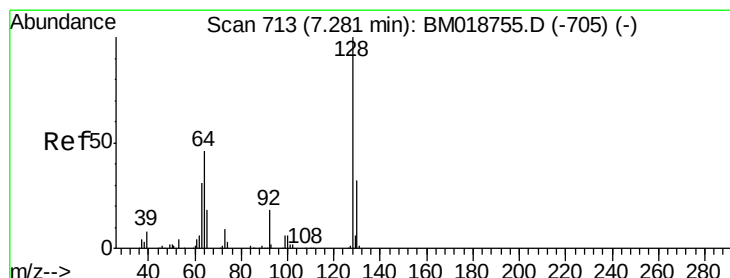
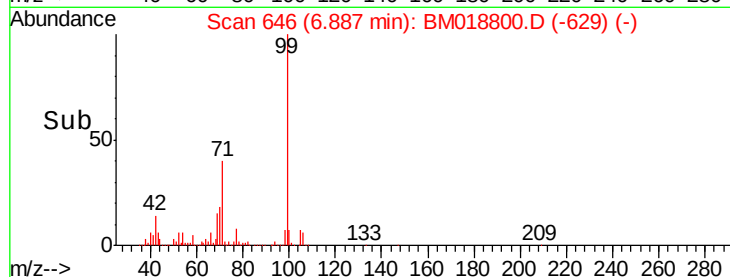
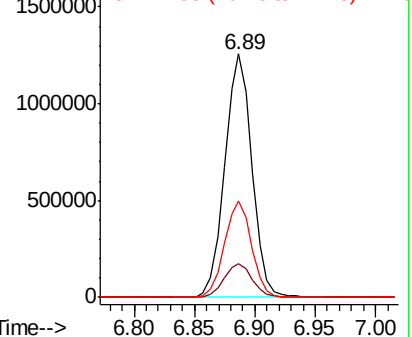


Abundance

Ion 99.00 (98.70 to 99.70): BM018800.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018800.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018800.D (-629) (-)



#8

2-Chlorophenol

Concen: 43.595 ng

RT: 7.27 min Scan# 712

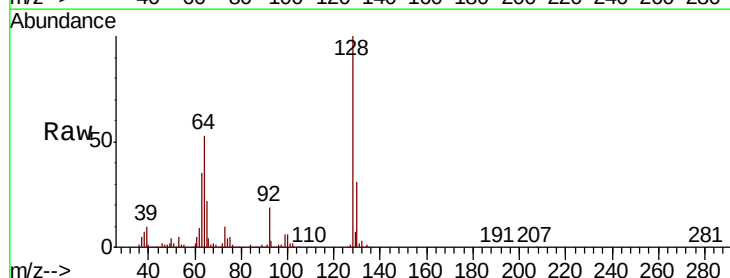
Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion: 128 Resp: 806083

Ion	Ratio	Lower	Upper
128	100		
130	31.3	11.7	51.7
64	53.3	31.0	71.0

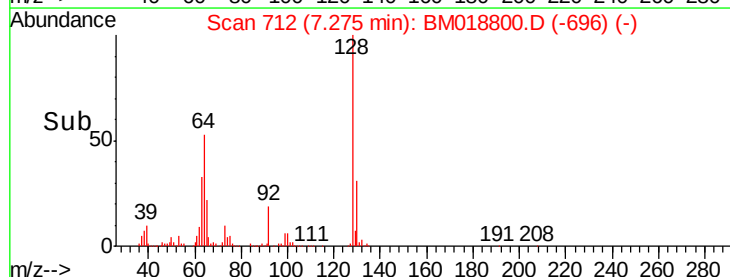
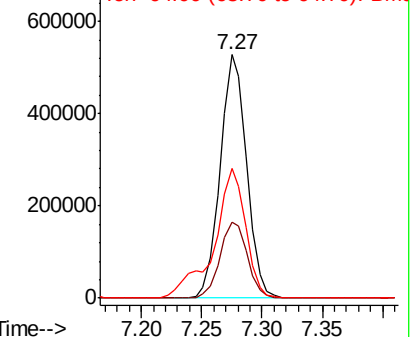


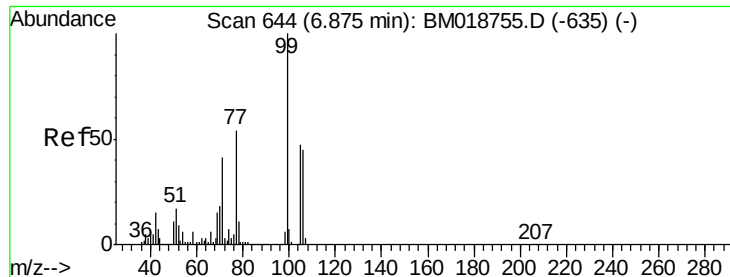
Abundance

Ion 128.00 (127.70 to 128.70): BM018800.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018800.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018800.D (-696) (-)





#9

Benzaldehyde

Concen: 49.337 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampled :

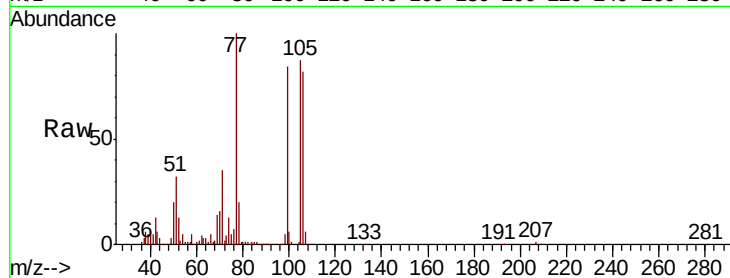
Tot Ion: 77 Resp: 601837

Ion Ratio Lower Upper

77 100

105 86.6 67.3 107.3

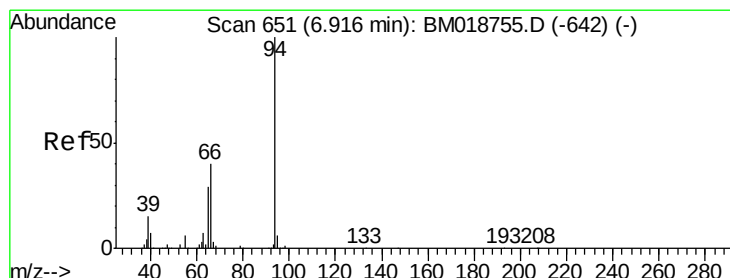
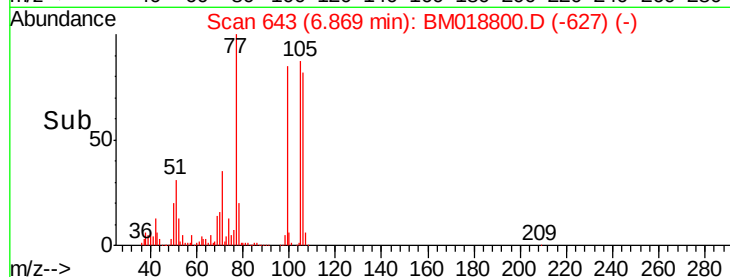
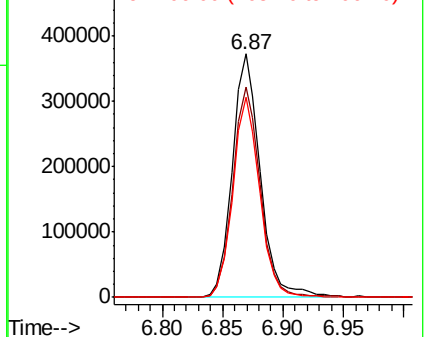
106 82.2 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018800.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018800.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018800.D (-627) (-)



#10

Phenol

Concen: 44.468 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

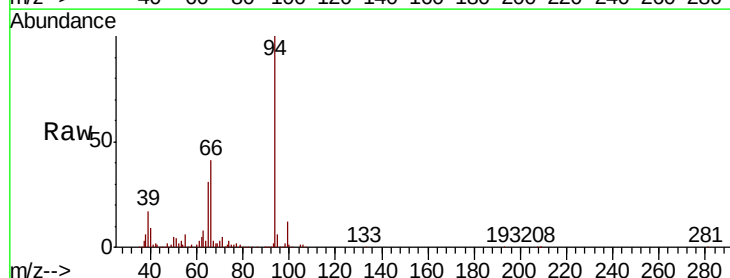
Tgt Ion: 94 Resp: 1110080

Ion Ratio Lower Upper

94 100

65 30.7 9.6 49.6

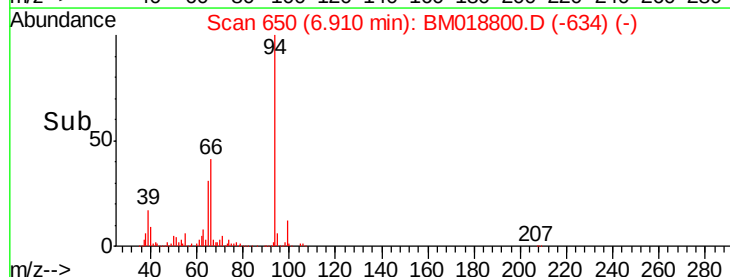
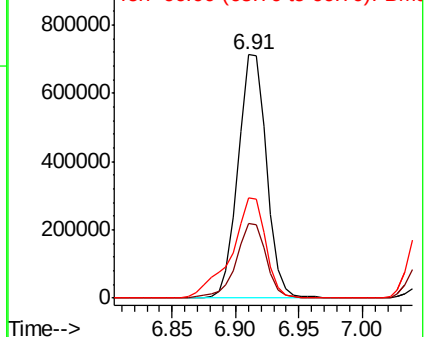
66 40.9 20.4 60.4

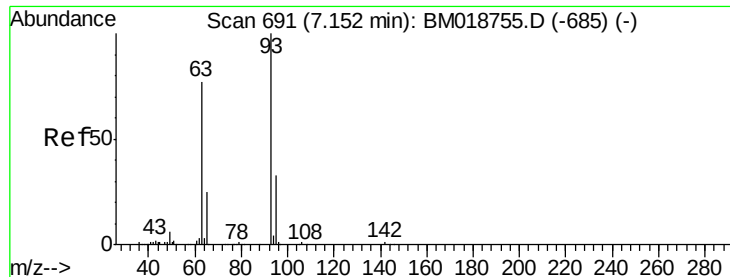


Abundance Ion 94.00 (93.70 to 94.70): BM018800.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018800.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018800.D (-634) (-)

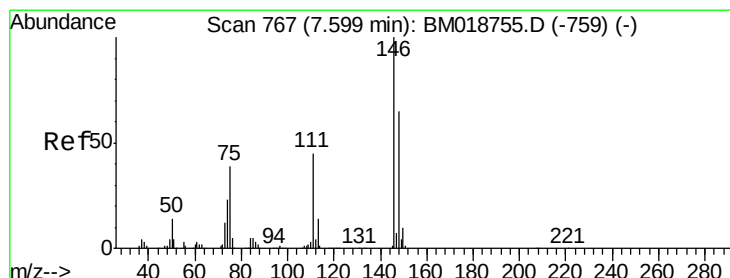
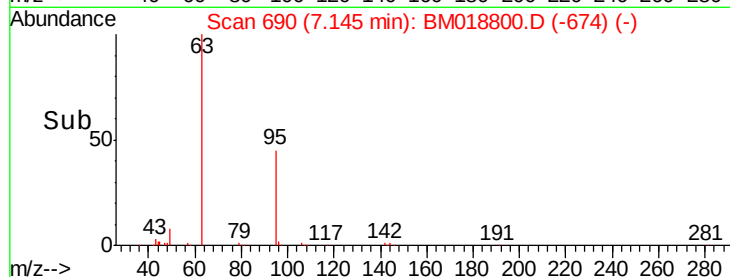
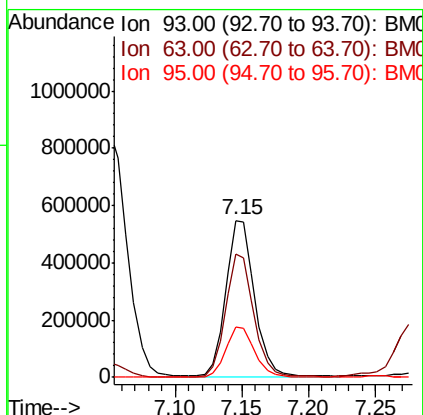
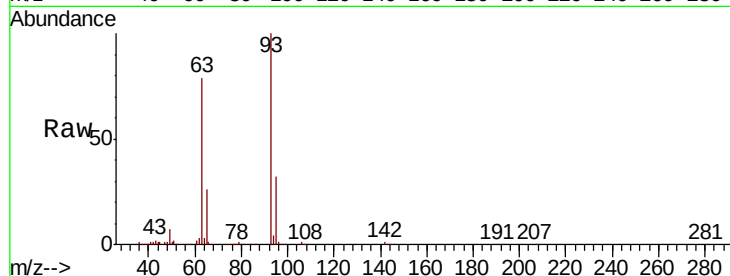




#11
bis(2-Chloroethyl)ether
Concen: 42.695 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

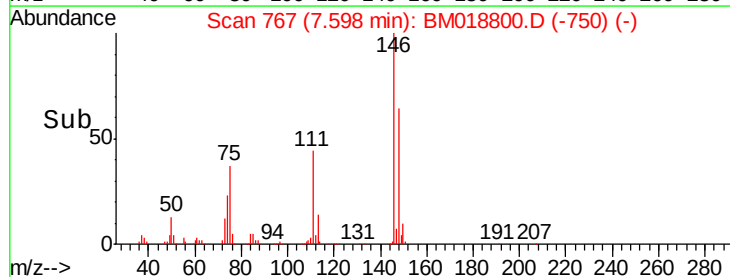
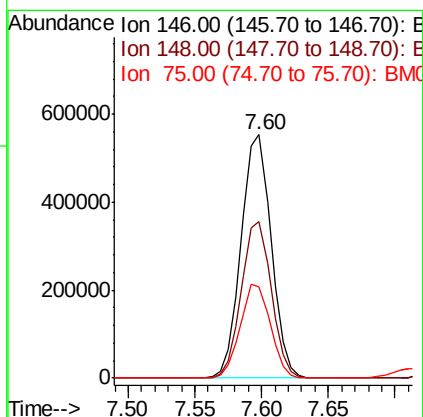
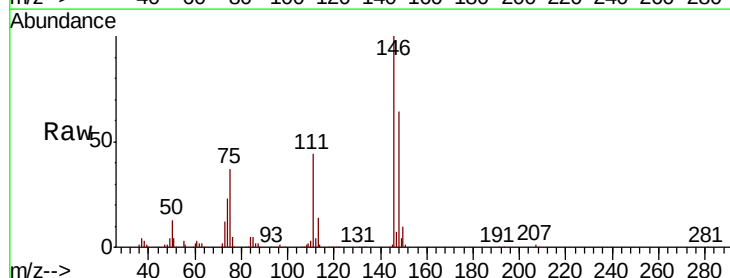
Instrument :
BNA_M
ClientSampleId :

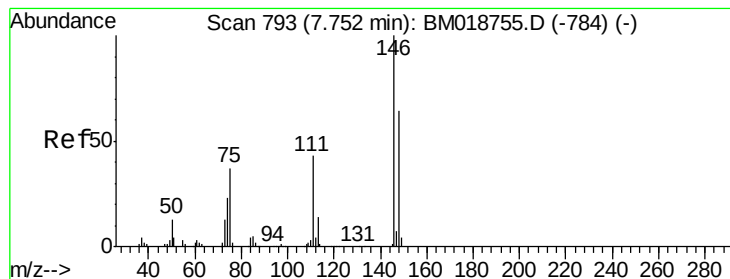
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	57.0	97.0
95	32.0	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 41.532 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
75	37.3	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 41.381 ng

RT: 7.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

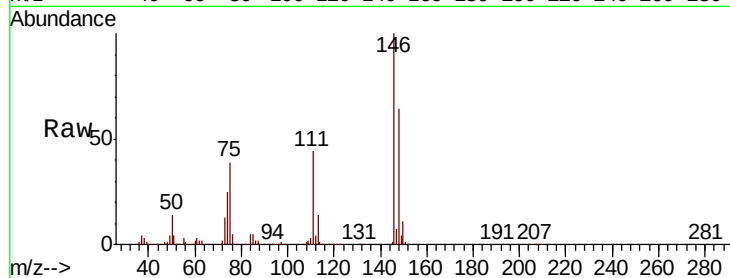
Tot Ion:146 Resp: 875890

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

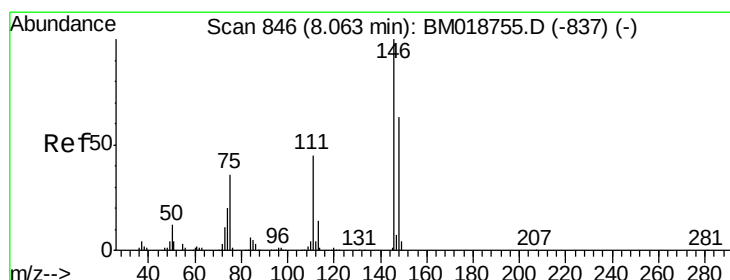
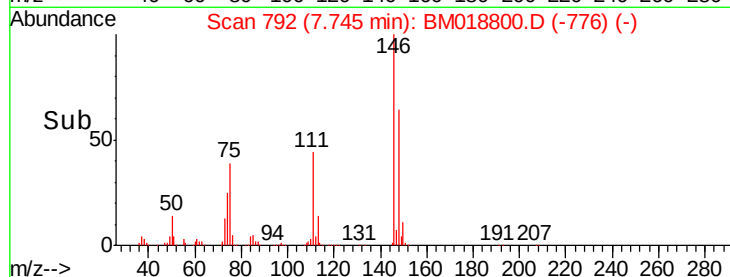
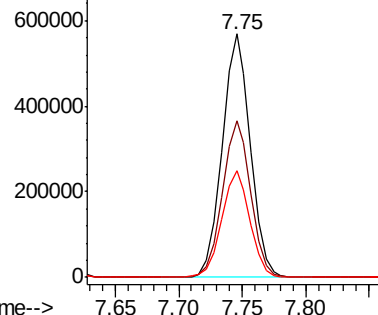
111 44.0 34.6 52.0



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: 41.955 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

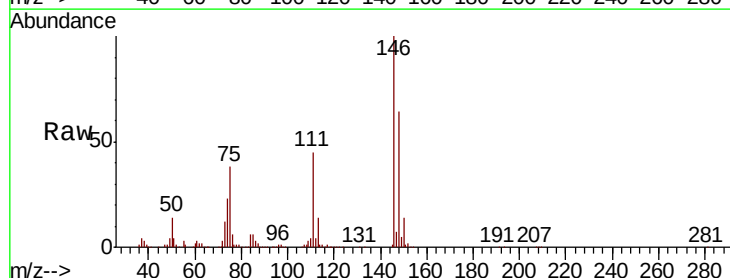
Tgt Ion:146 Resp: 853011

Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

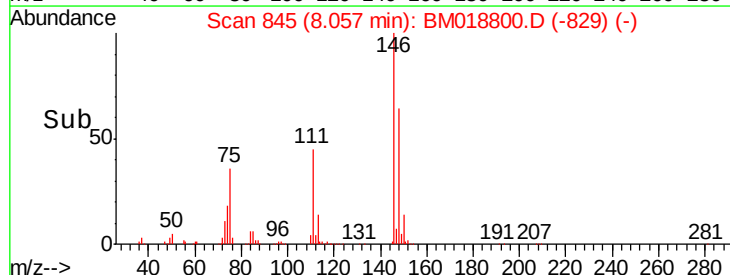
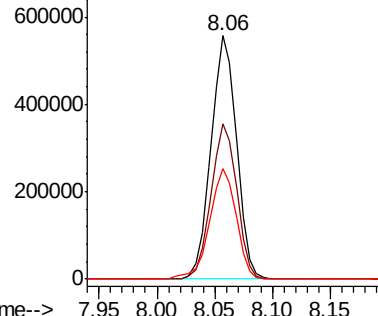
111 45.2 35.9 53.9

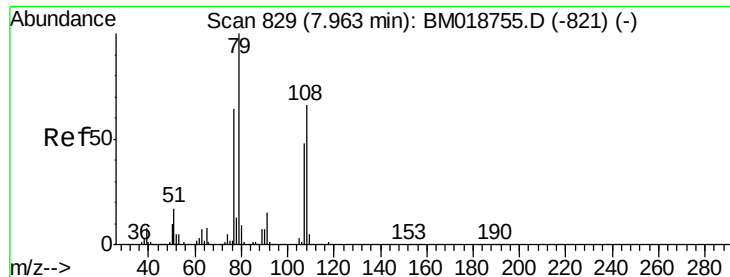


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.350 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

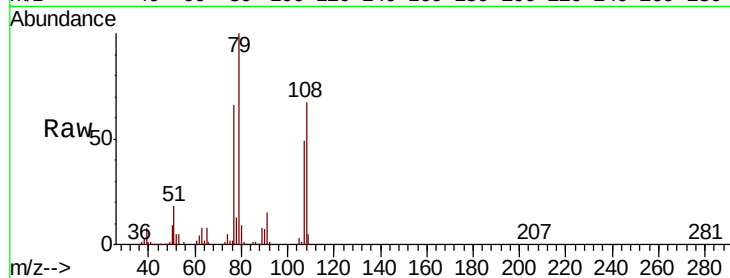
Tot Ion: 79 Resp: 854916

Ion Ratio Lower Upper

79 100

108 67.2 52.7 79.1

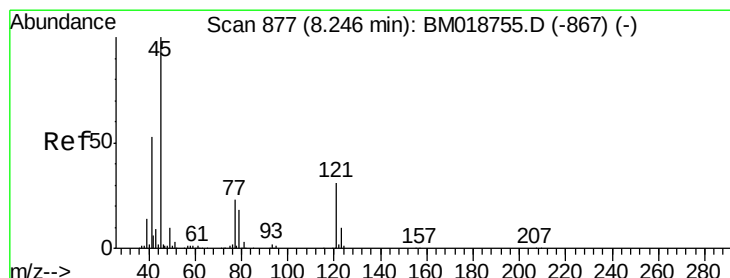
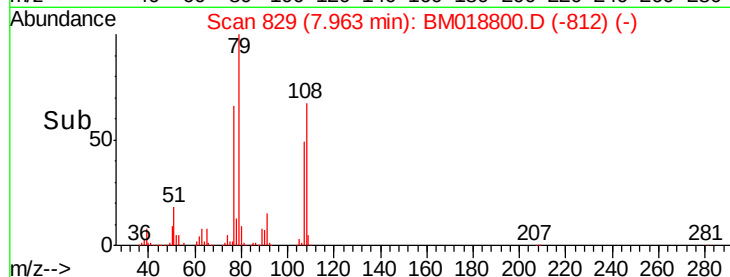
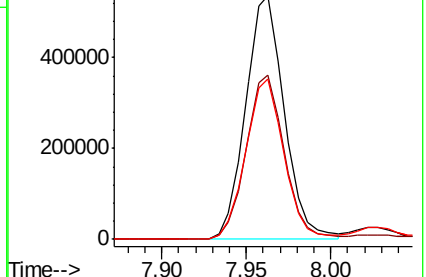
77 66.0 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018800.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM018800.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM018800.D (-812) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.625 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

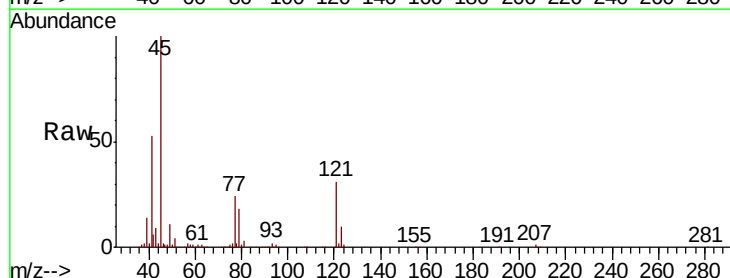
Tgt Ion: 45 Resp: 785601

Ion Ratio Lower Upper

45 100

77 23.9 5.0 45.0

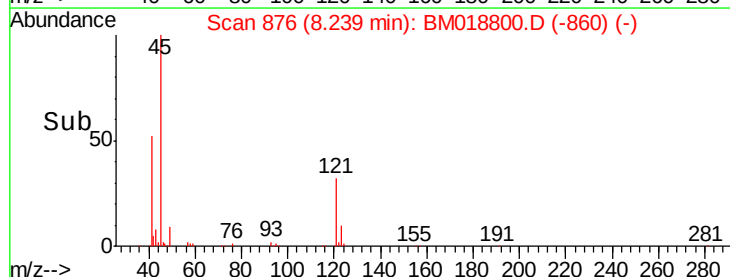
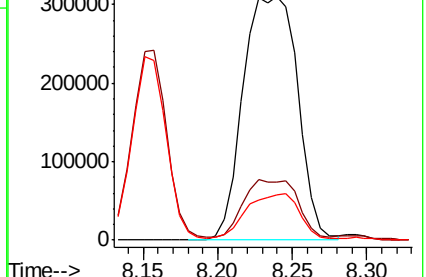
79 18.3 0.0 39.3

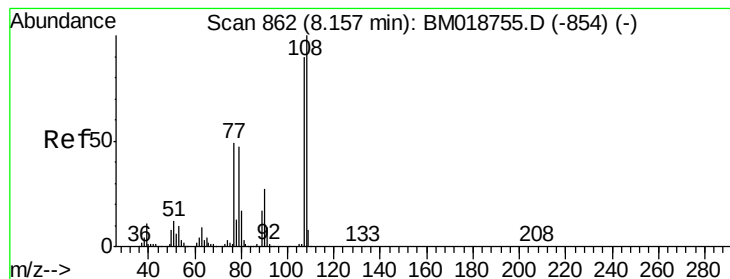


Abundance Ion 45.00 (44.70 to 45.70): BM018800.D (-860) (-)

Ion 77.00 (76.70 to 77.70): BM018800.D (-860) (-)

Ion 79.00 (78.70 to 79.70): BM018800.D (-860) (-)

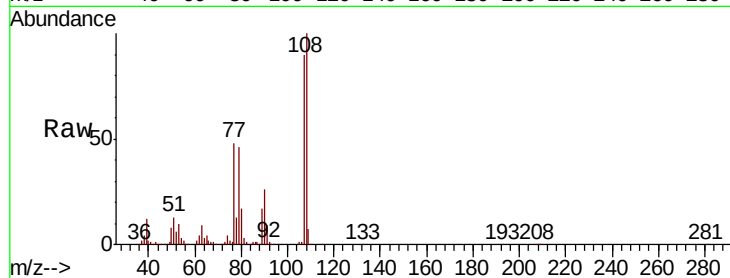




#17
2-Methylphenol
Concen: 45.186 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.8	133.2
77	53.4	44.0	66.0
79	50.7	42.4	63.6



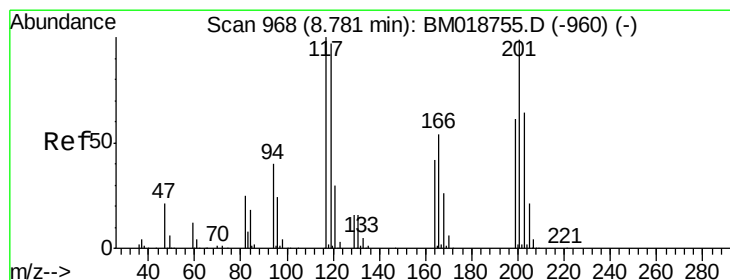
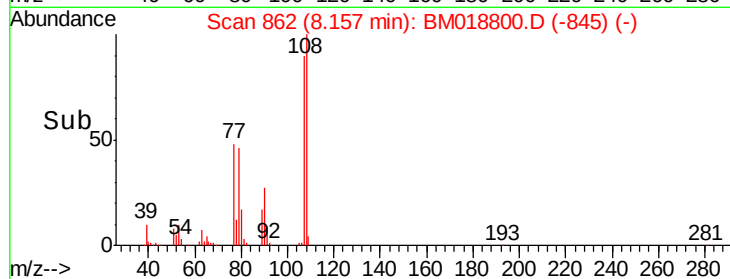
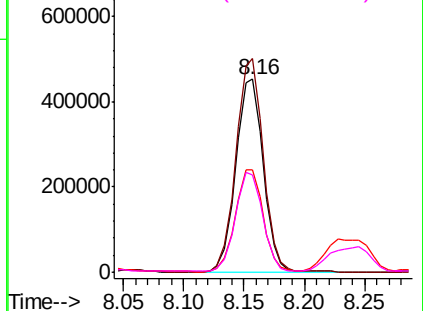
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

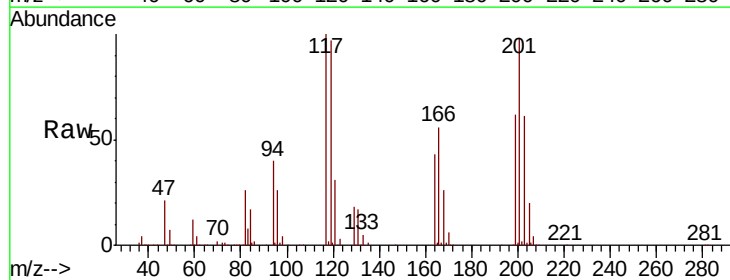
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 42.096 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.9	116.9
201	98.0	79.2	118.8

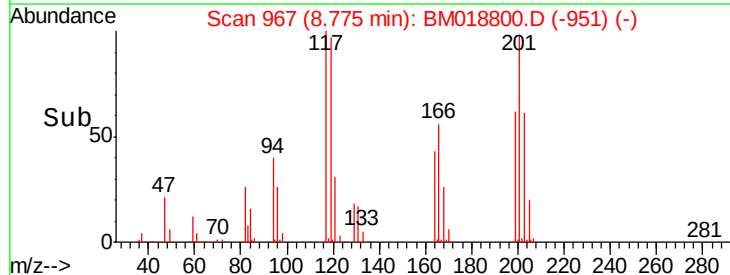
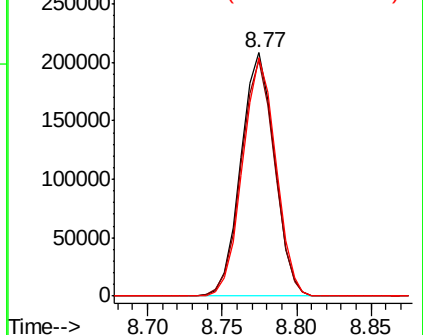


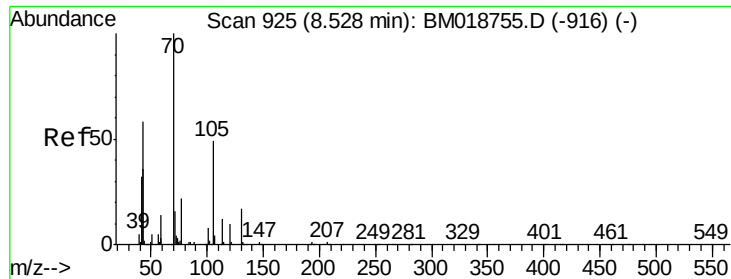
Abundance

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

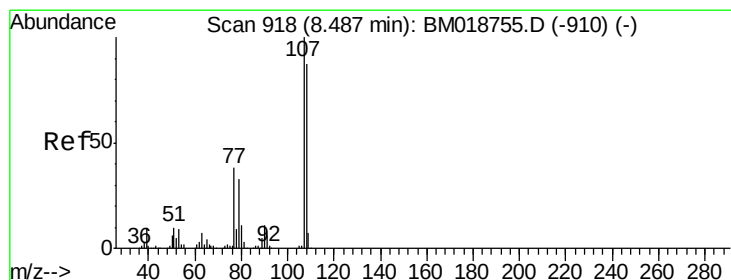
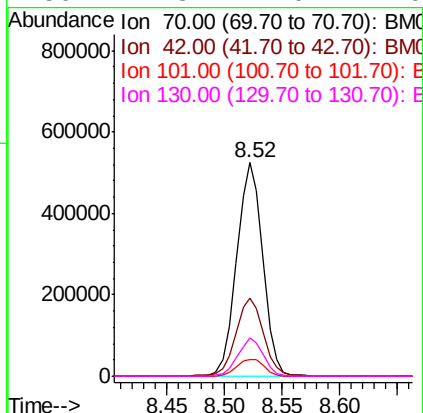
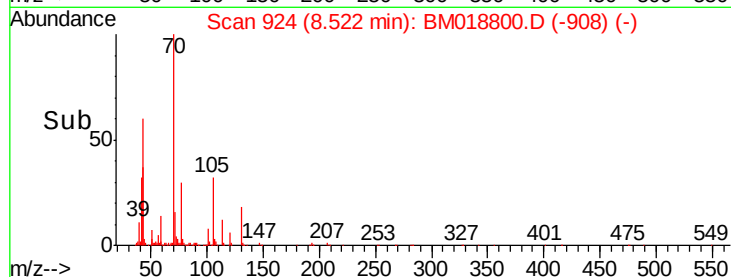
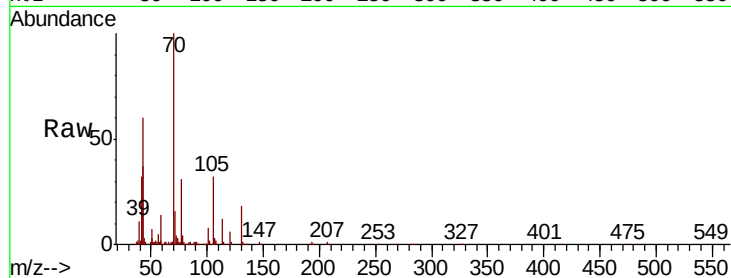




#19
n-Nitroso-di-n-propylamine
Concen: 44.627 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

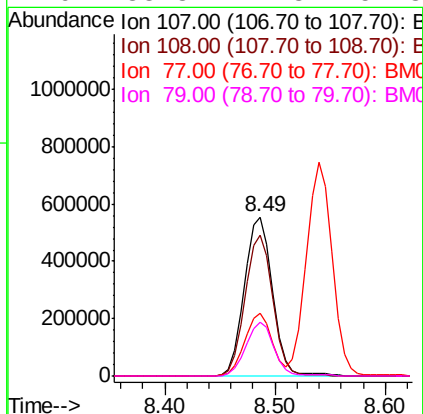
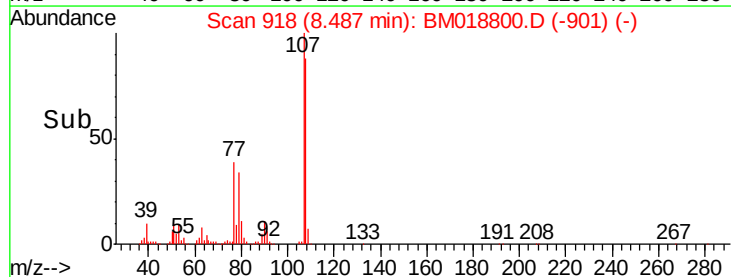
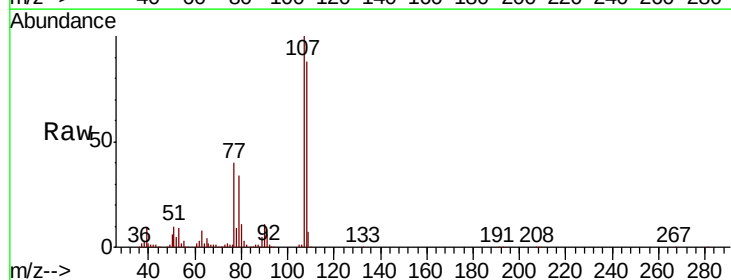
Instrument :
BNA_M
ClientSampleId :

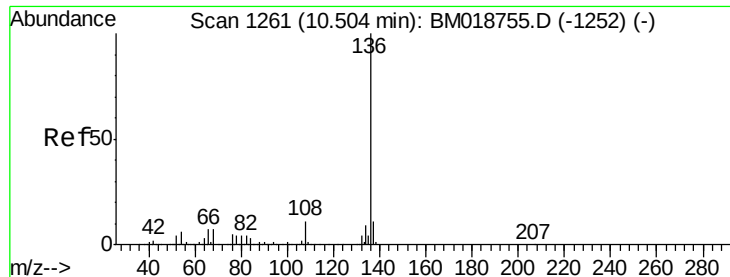
Tot Ion: 70 Resp: 819784
Ion Ratio Lower Upper
70 100
42 36.7 29.4 44.0
101 7.9 6.7 10.1
130 17.8 14.0 21.0



#20
3+4-Methylphenols
Concen: 45.355 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion: 107 Resp: 995075
Ion Ratio Lower Upper
107 100
108 88.2 67.3 107.3
77 39.6 18.0 58.0
79 33.8 12.8 52.8

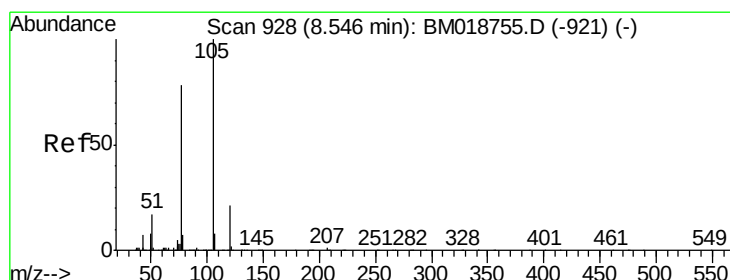
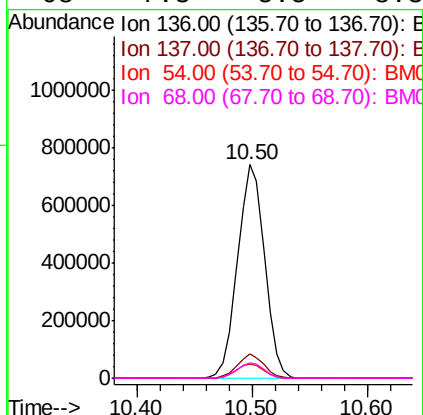
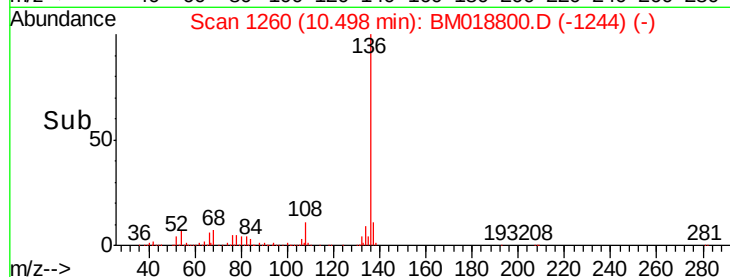
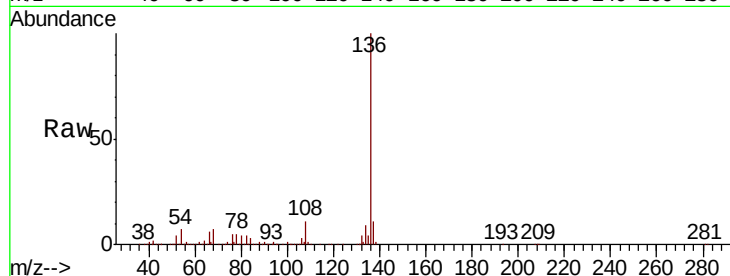




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

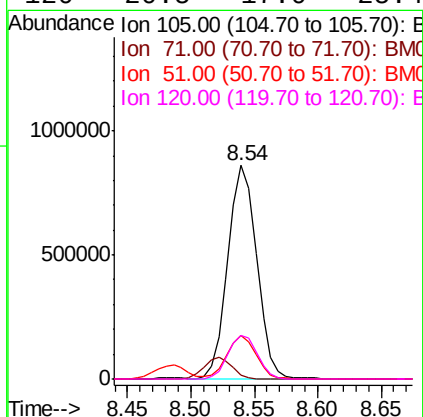
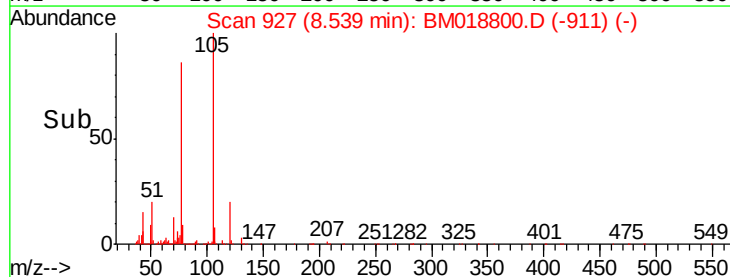
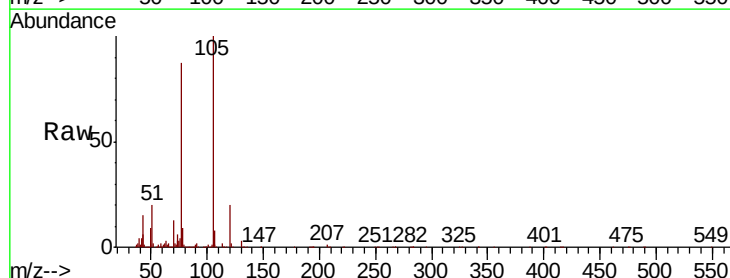
Instrument :
BNA_M
ClientSampleId :

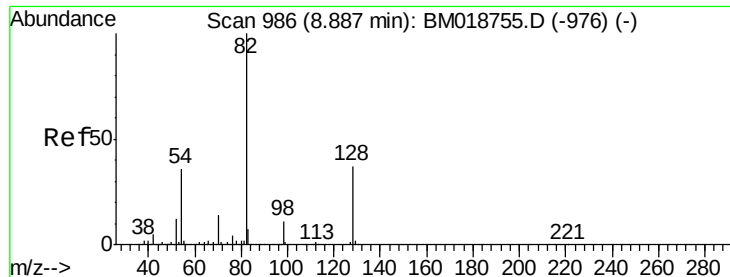
Tot Ion:136	Resp: 1206804
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 6.8	5.0 7.6
68 7.3	5.5 8.3



#22
Acetophenone
Concen: 40.892 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt	Ion:105	Resp:	1355215
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.1	1.7#
51	20.2	15.5	23.3
120	20.5	17.0	25.4

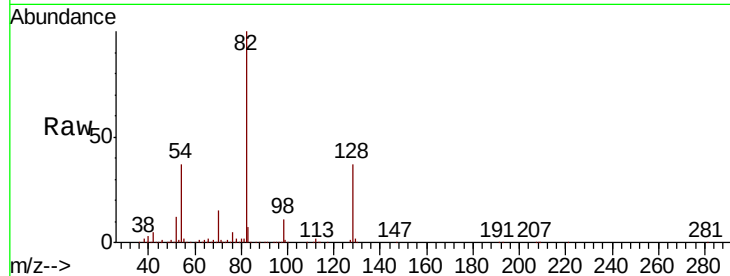




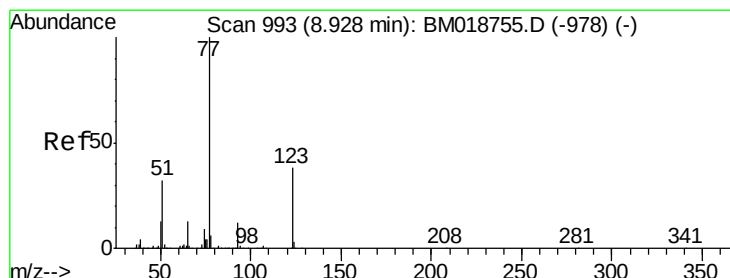
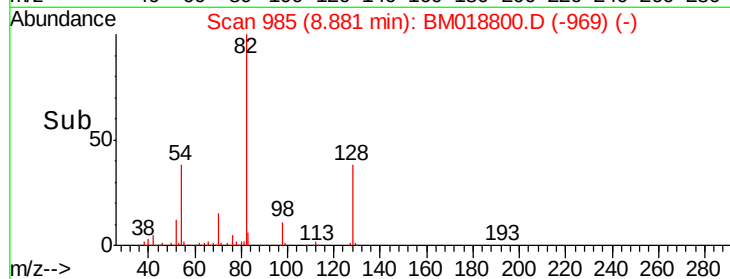
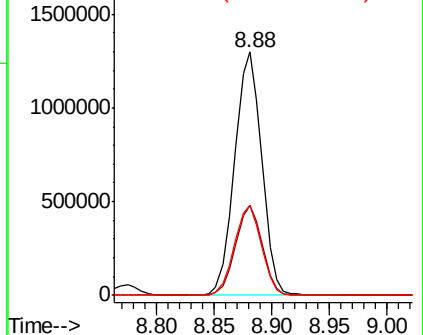
#23
Nitrobenzene-d5
Concen: 80.945 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 2112614
Ion Ratio Lower Upper
82 100
128 36.9 29.9 44.9
54 37.0 29.1 43.7

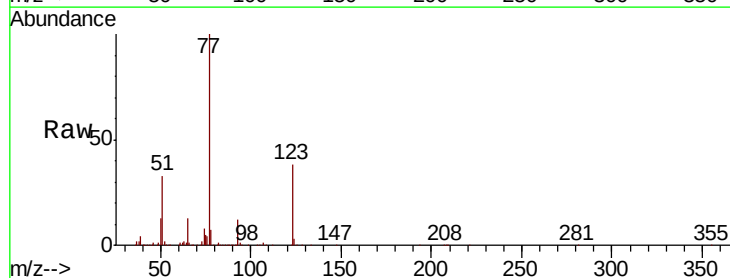


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

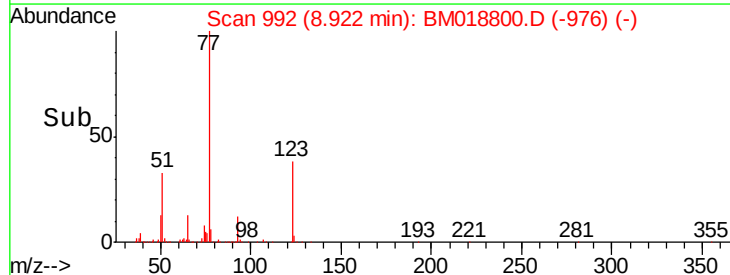
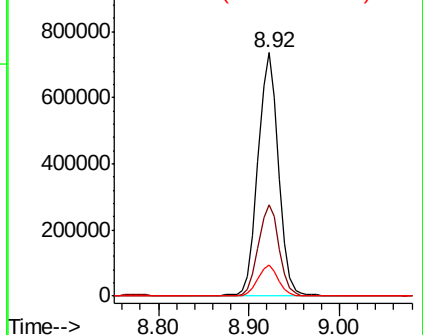


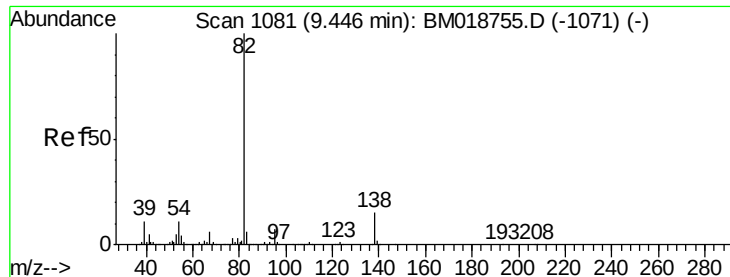
#24
Nitrobenzene
Concen: 42.474 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion: 77 Resp: 1150688
Ion Ratio Lower Upper
77 100
123 37.7 30.7 46.1
65 12.6 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)
Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)
Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 49.598 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

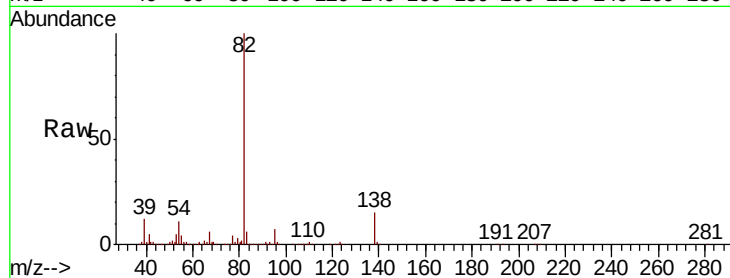
Tot Ion: 82 Resp: 2065463

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

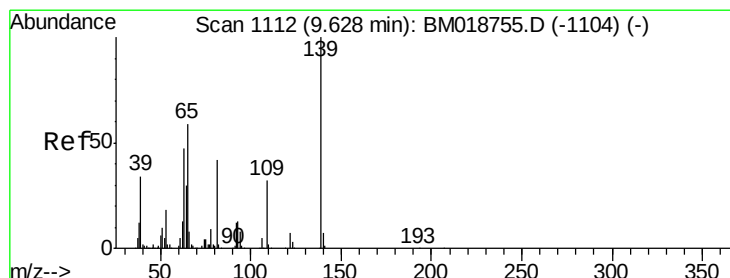
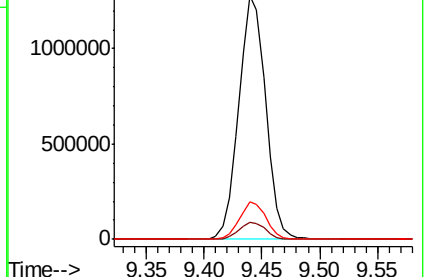
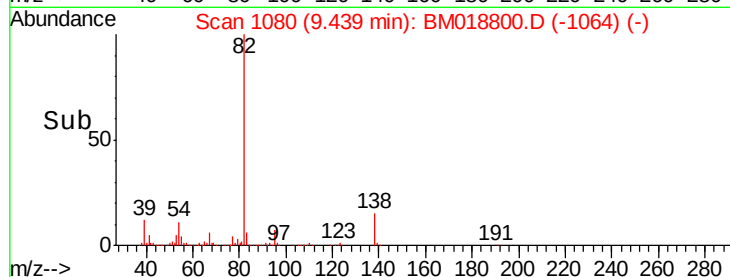
138 15.2 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018800.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018800.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018800.D (-1064) (-)



#26

2-Nitrophenol

Concen: 42.926 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

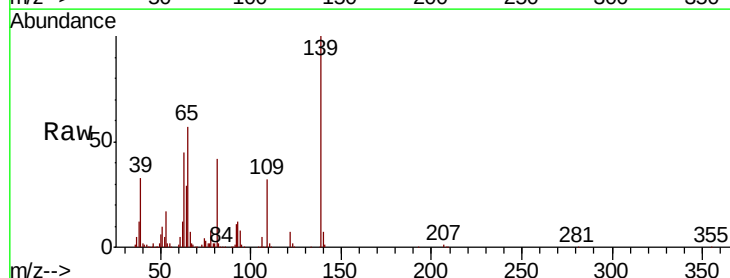
Tgt Ion: 139 Resp: 463116

Ion Ratio Lower Upper

139 100

109 32.0 25.2 37.8

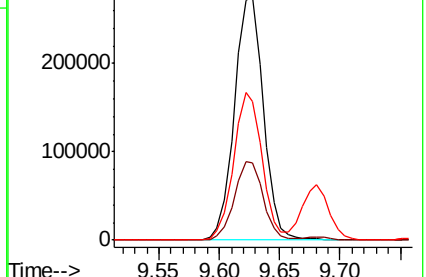
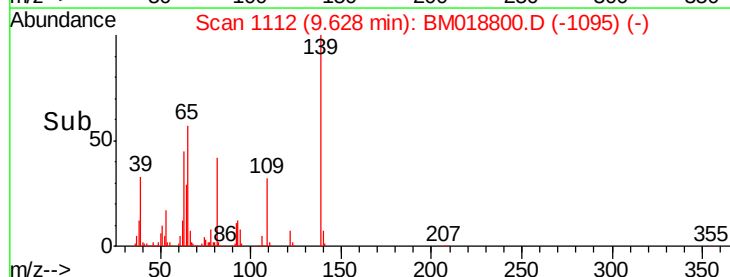
65 57.1 47.0 70.4

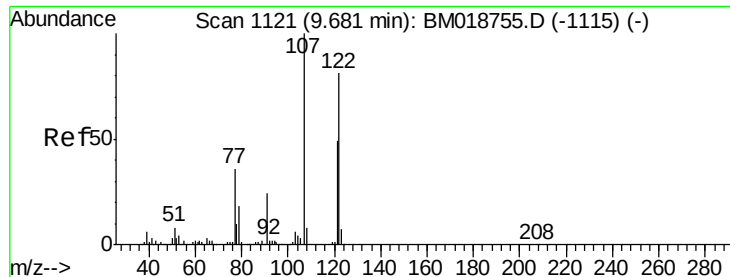


Abundance Ion 139.00 (138.70 to 139.70): BM018800.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018800.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018800.D (-1095) (-)

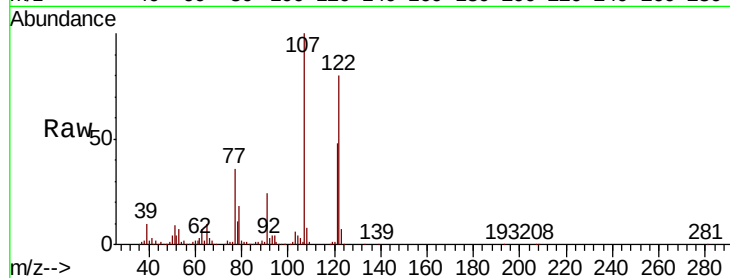




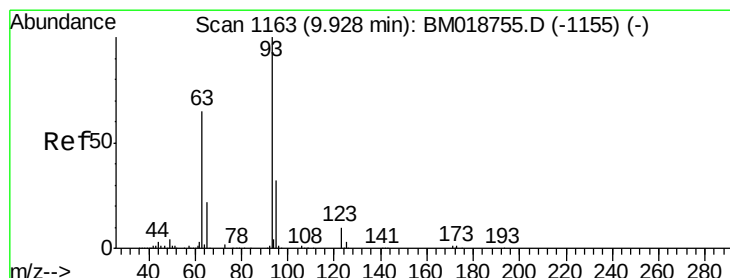
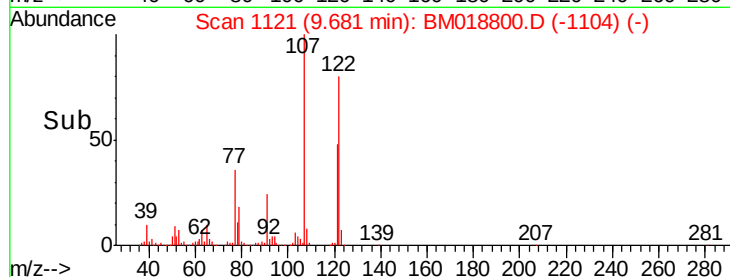
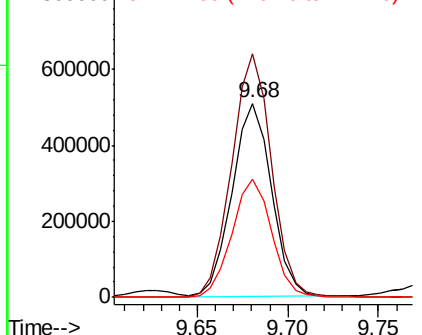
#27
 2,4-Dimethylphenol
 Concen: 48.959 ng
 RT: 9.68 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:122 Resp: 771474
 Ion Ratio Lower Upper
 122 100
 107 125.4 97.6 146.4
 121 60.6 47.9 71.9

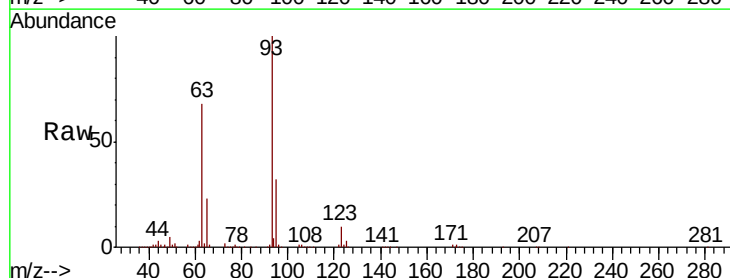


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

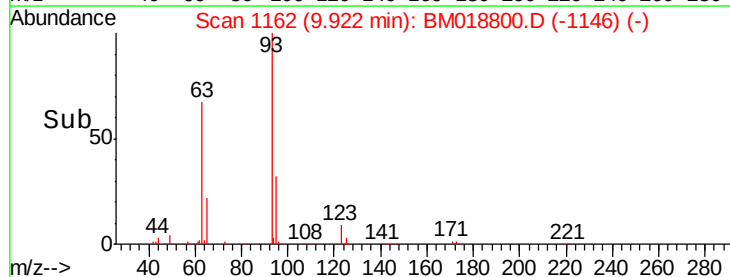
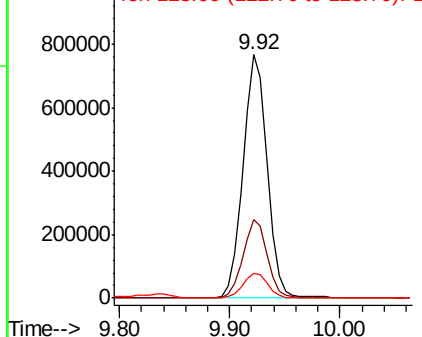


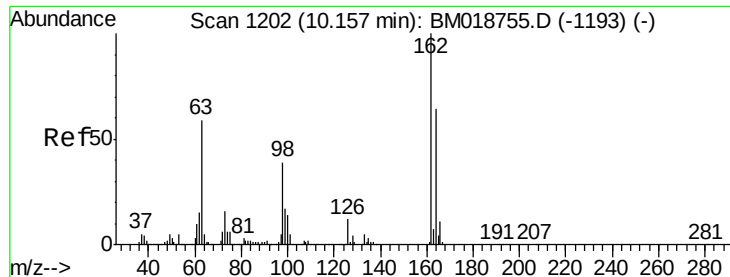
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.959 ng
 RT: 9.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion: 93 Resp: 1183800
 Ion Ratio Lower Upper
 93 100
 95 32.2 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

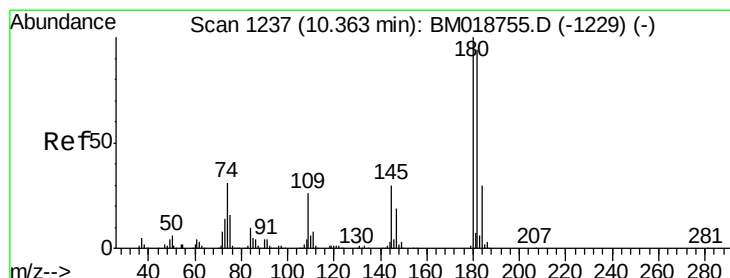
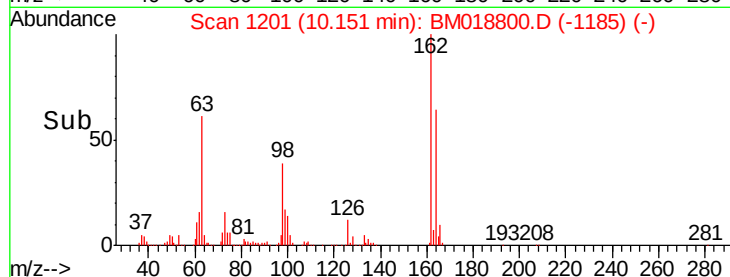
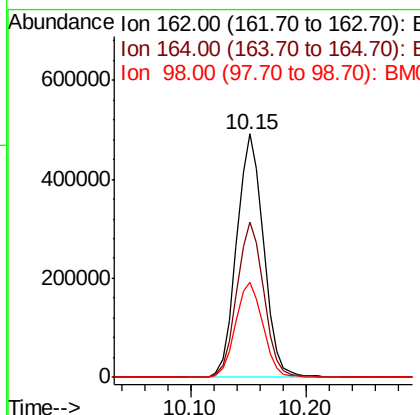
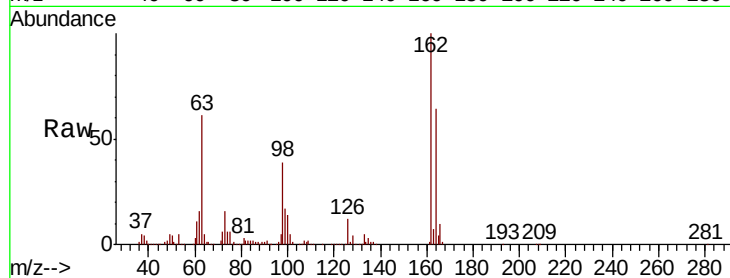




#29
 2,4-Dichlorophenol
 Concen: 43.928 ng
 RT: 10.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

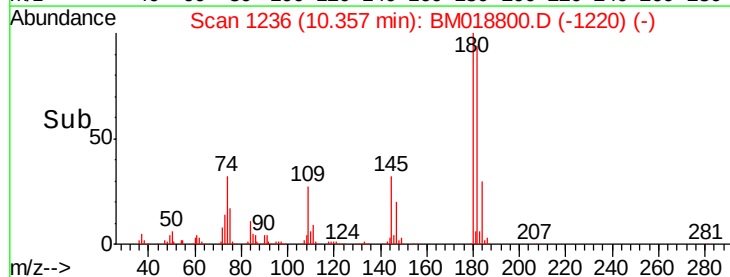
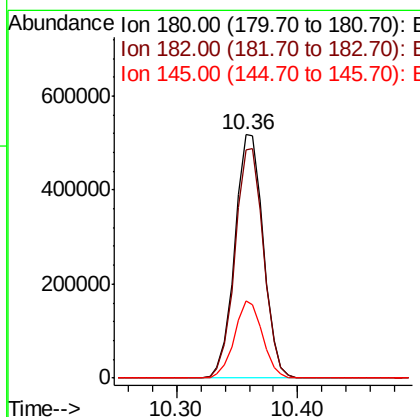
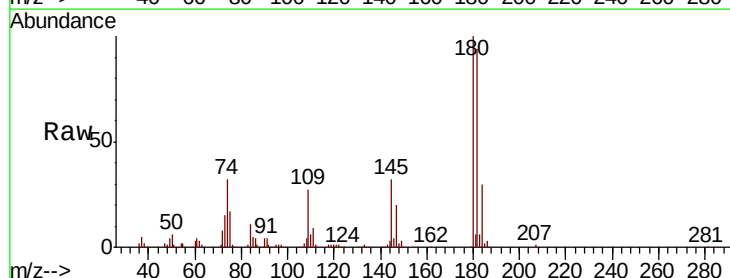
Instrument :
 BNA_M
 ClientSampleId :

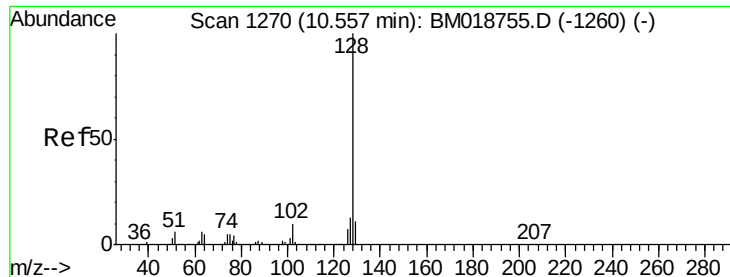
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	39.1	19.4	59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.863 ng
 RT: 10.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
145	31.9	24.1	36.1

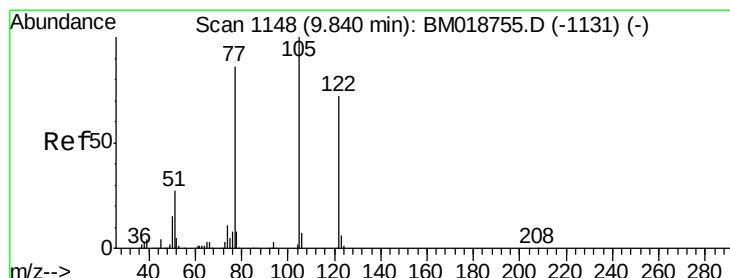
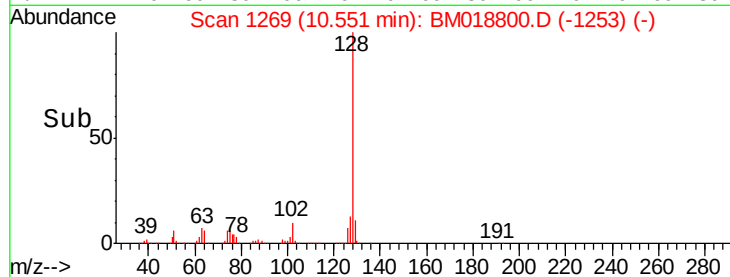
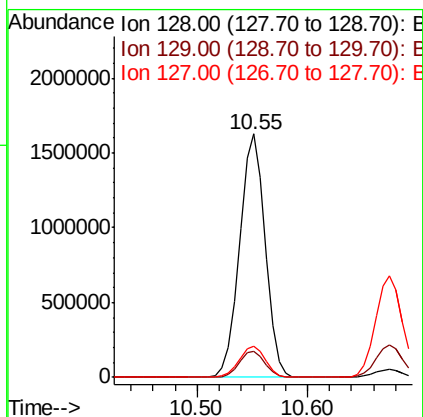
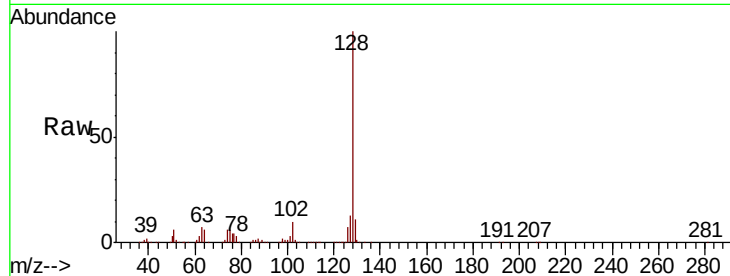




#31
Naphthalene
Concen: 44.873 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

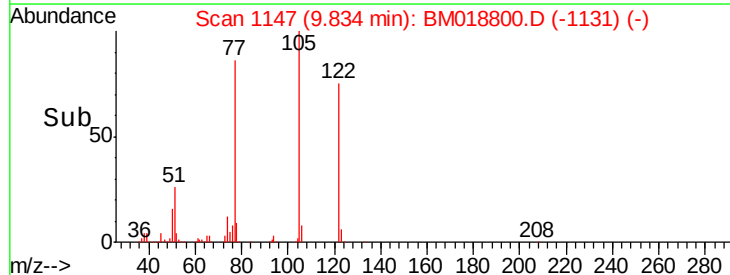
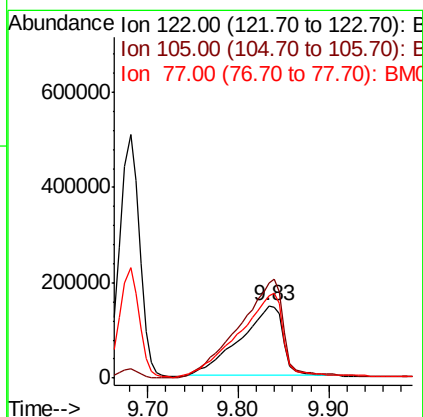
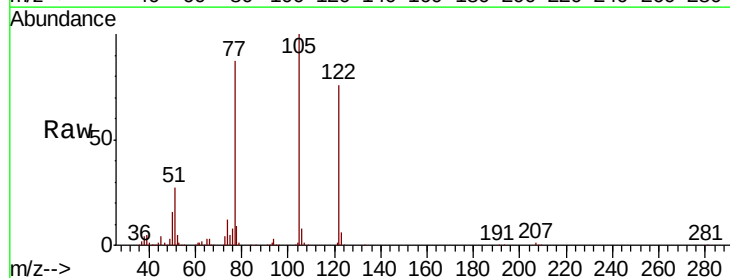
Instrument :
BNA_M
ClientSampleId :

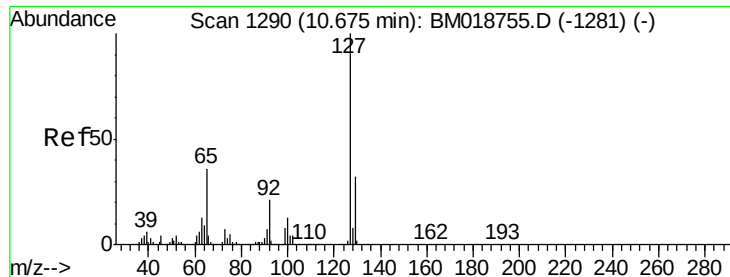
Tot Ion:128 Resp: 2641078
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 35.460 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:122 Resp: 487411
Ion Ratio Lower Upper
122 100
105 131.5 117.5 157.5
77 114.0 98.5 138.5

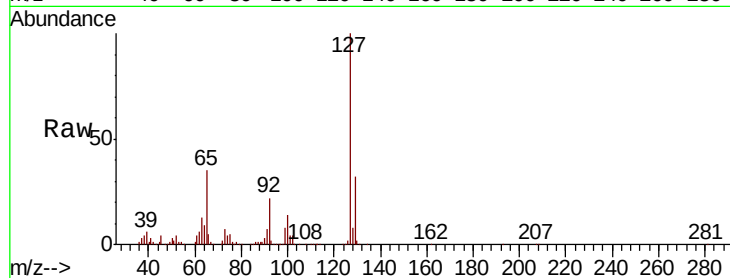




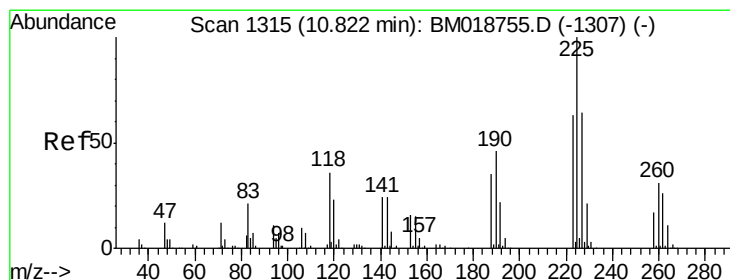
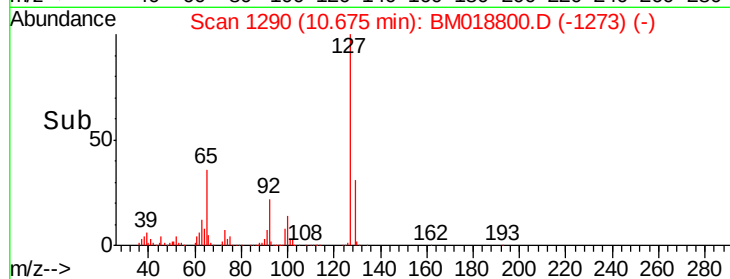
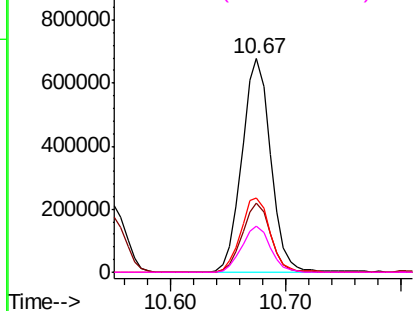
#33
4-Chloroaniline
Concen: 44.607 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 1173618
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 35.0 28.7 43.1
92 21.5 17.0 25.4

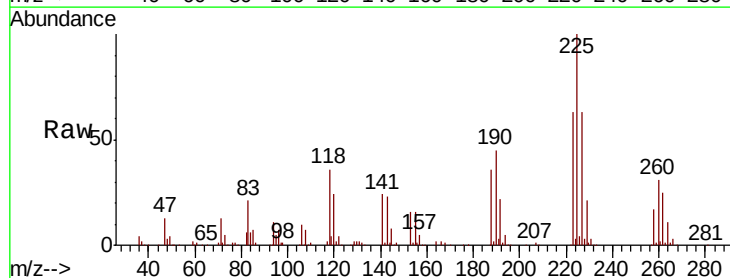


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

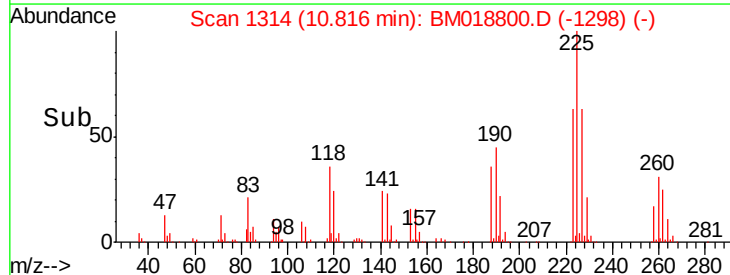
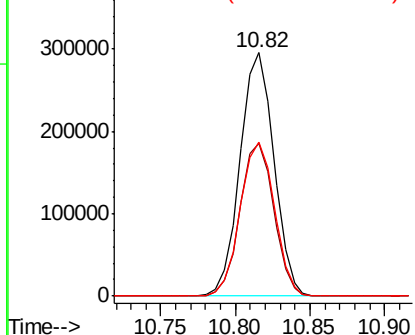


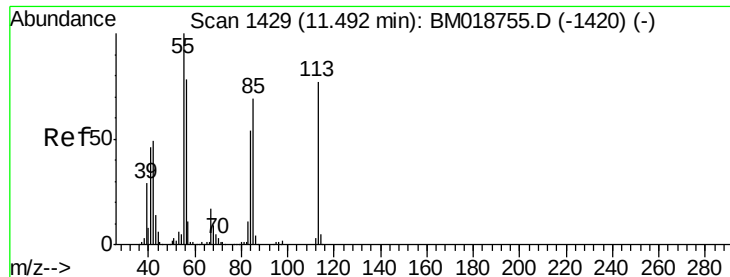
#34
Hexachlorobutadiene
Concen: 38.422 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:225 Resp: 466008
Ion Ratio Lower Upper
225 100
223 62.7 50.1 75.1
227 63.1 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

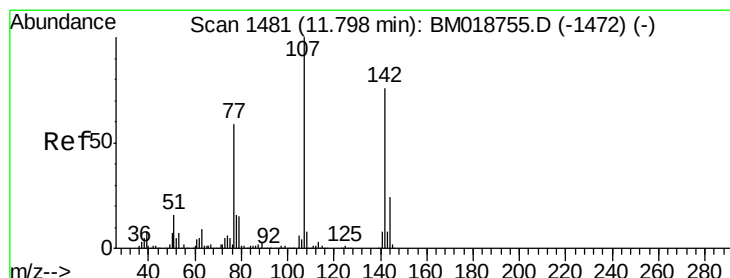
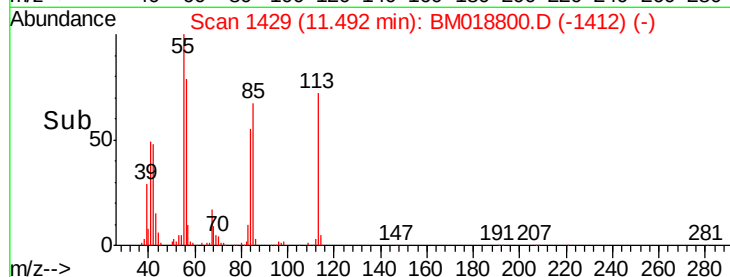
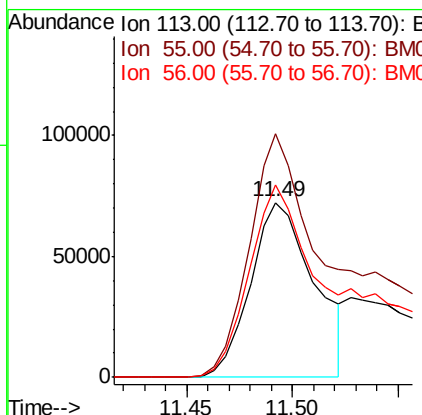
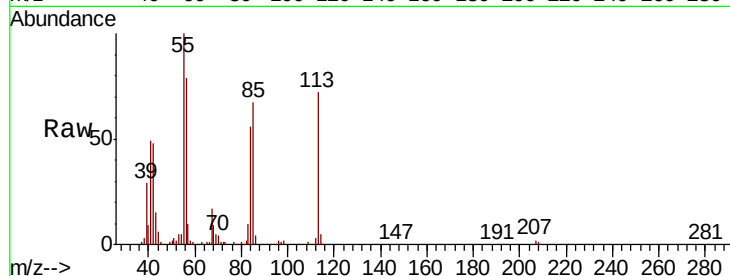




#35
Caprolactam
Concen: 20.457 ng
RT: 11.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

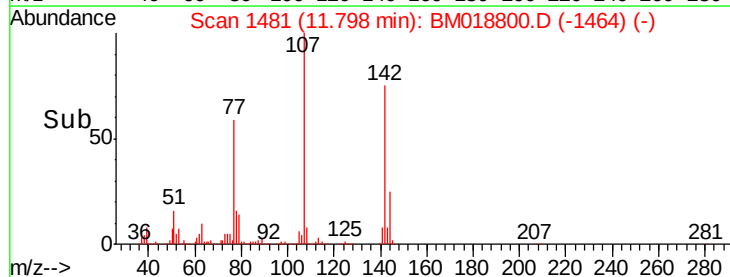
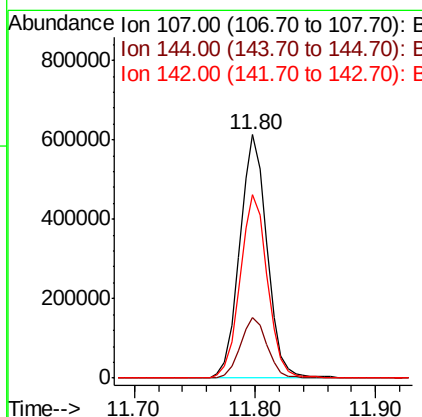
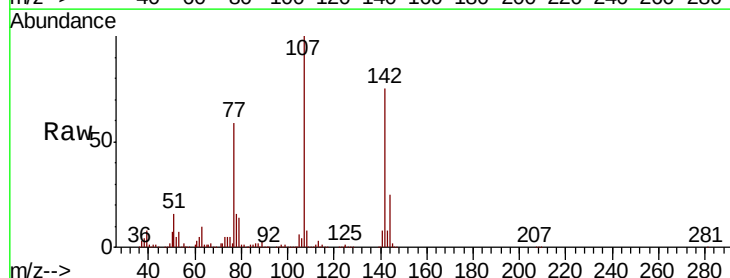
Instrument :
BNA_M
ClientSampleId :

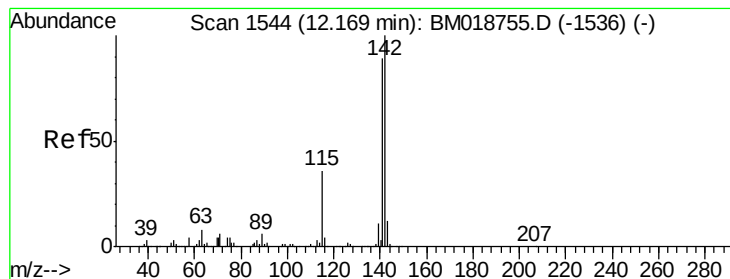
Tot Ion:113 Resp: 151060
Ion Ratio Lower Upper
113 100
55 139.0 110.7 150.7
56 110.2 82.4 122.4



#36
4-Chloro-3-methylphenol
Concen: 44.415 ng
RT: 11.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:107 Resp: 968900
Ion Ratio Lower Upper
107 100
144 24.8 19.3 28.9
142 75.3 60.5 90.7





#37

2-Methylnaphthalene

Concen: 47.095 ng

RT: 12.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

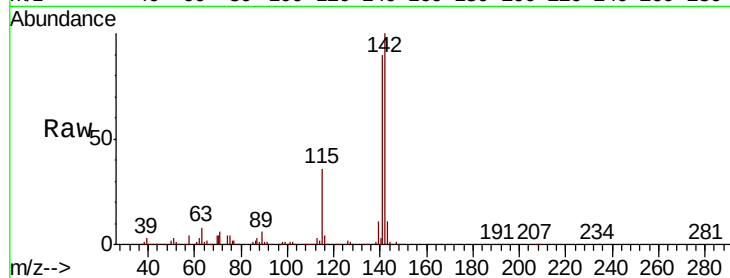
Tot Ion:142 Resp: 1951569

Ion Ratio Lower Upper

142 100

141 90.1 71.2 106.8

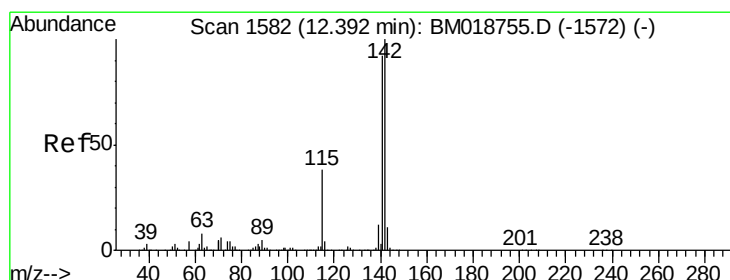
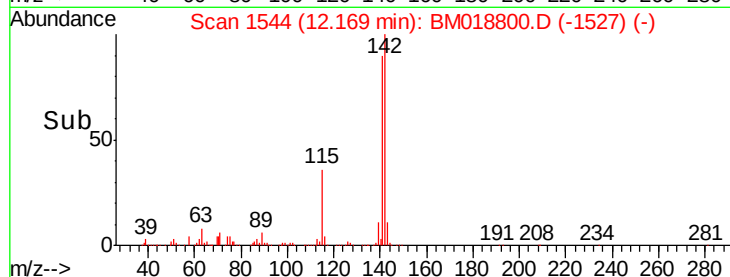
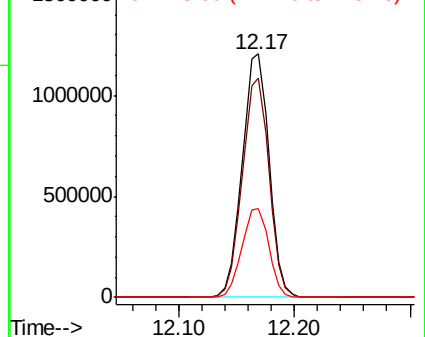
115 36.3 29.1 43.7



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: 45.988 ng

RT: 12.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

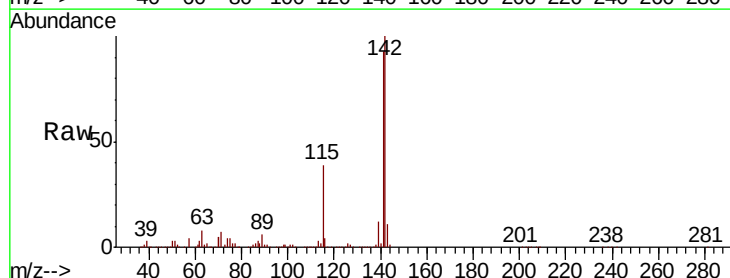
Tgt Ion:142 Resp: 1863527

Ion Ratio Lower Upper

142 100

141 93.0 73.9 110.9

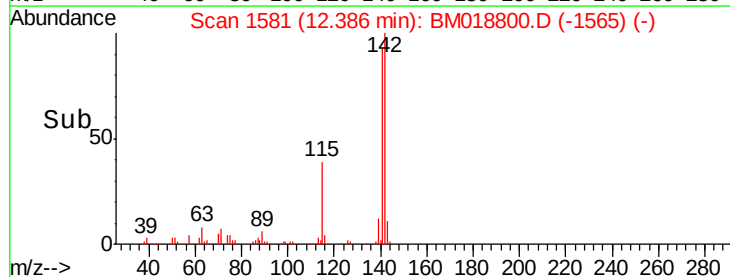
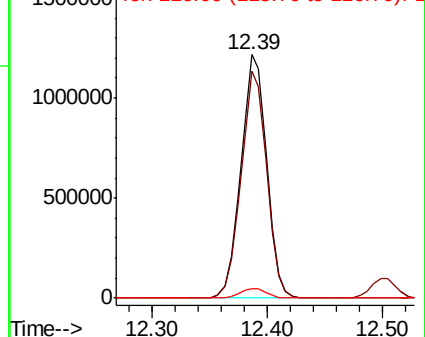
116 4.0 3.0 4.4

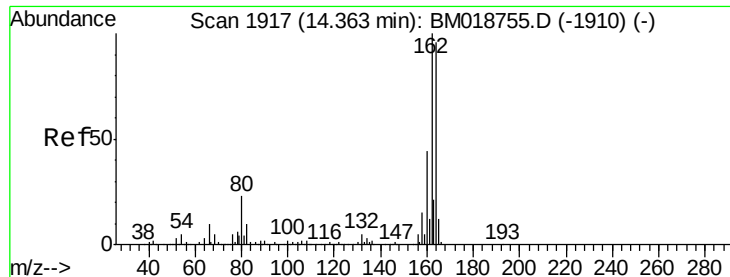


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

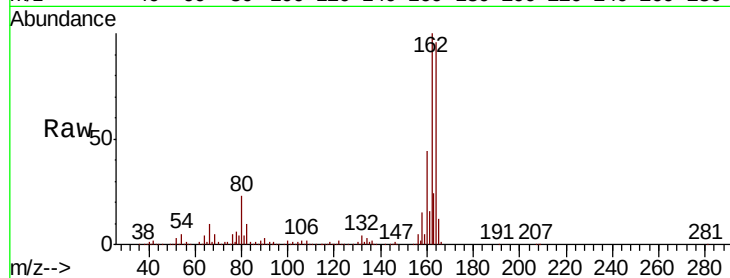
Tot Ion:164 Resp: 711544

Ion Ratio Lower Upper

164 100

162 104.4 83.4 125.0

160 46.2 36.6 55.0

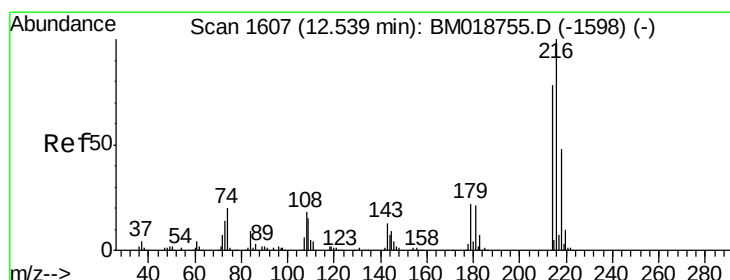
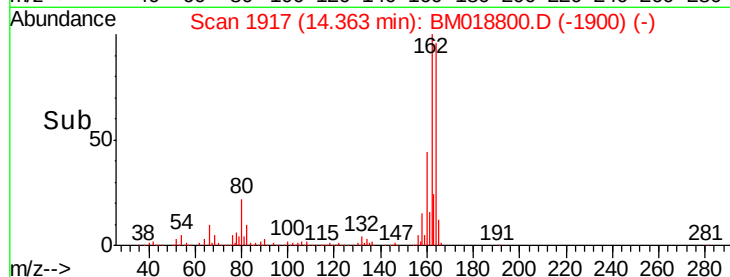
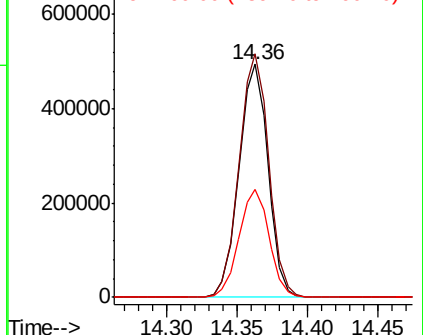


Abundance

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: 40.906 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion:216 Resp: 931080

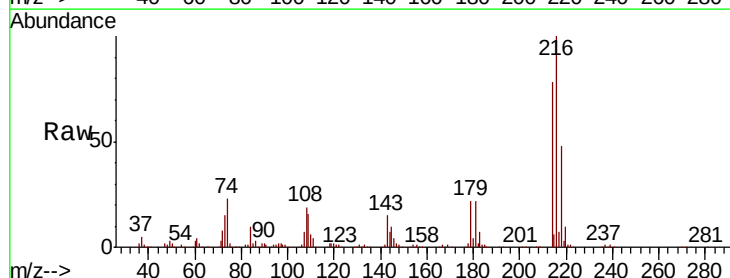
Ion Ratio Lower Upper

216 100

214 78.2 63.2 94.8

179 22.3 17.8 26.8

108 23.4 16.4 24.6



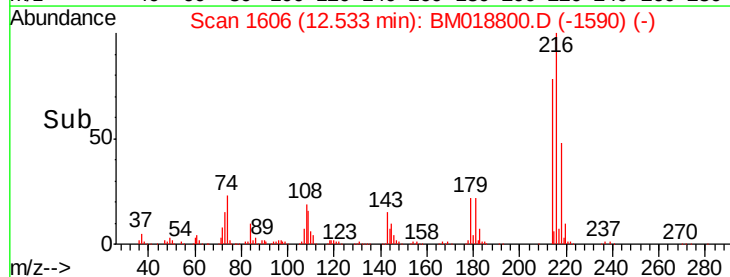
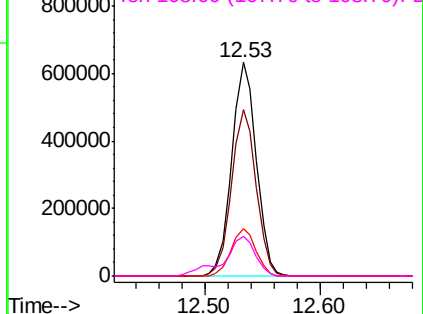
Abundance

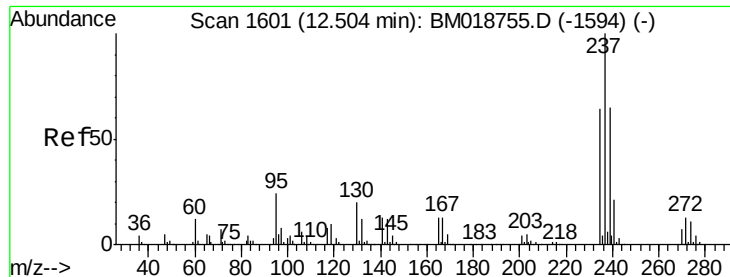
Ion 216.00 (215.70 to 216.70): E

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: 102.003 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

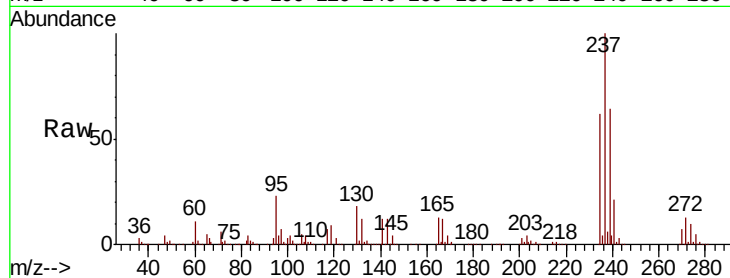
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 1187050

Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.7	83.7
272	13.3	0.0	33.3

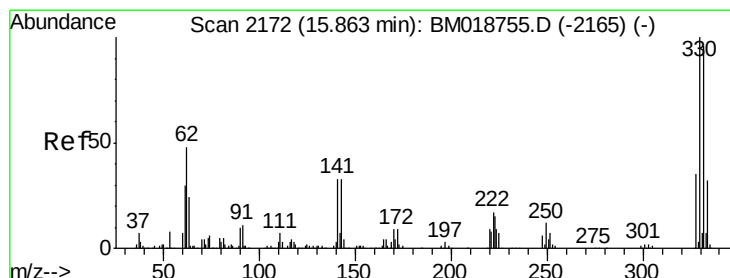
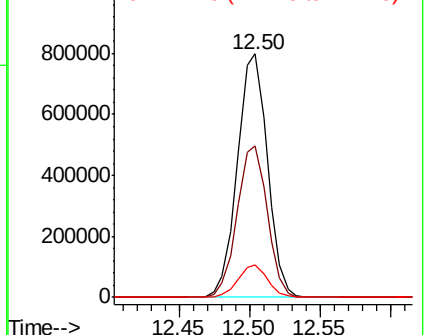
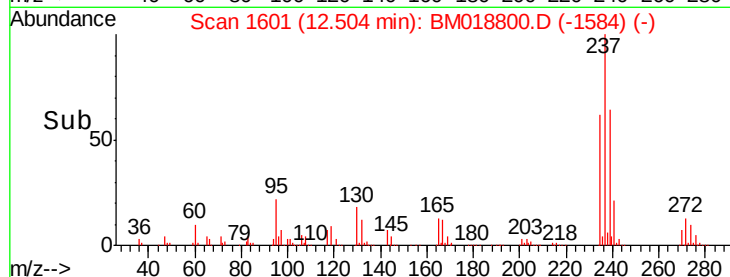


Abundance

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: 83.308 ng

RT: 15.86 min Scan# 2171

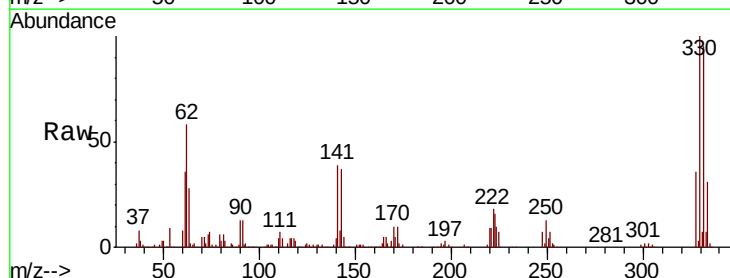
Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion:330 Resp: 854468

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	36.9	28.7	43.1

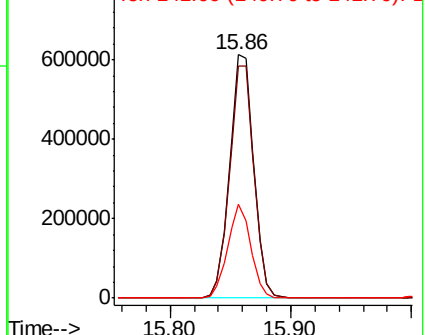
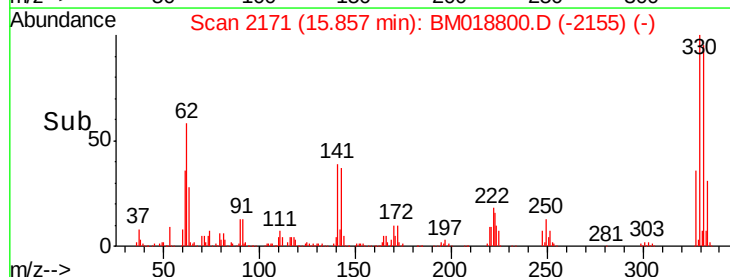


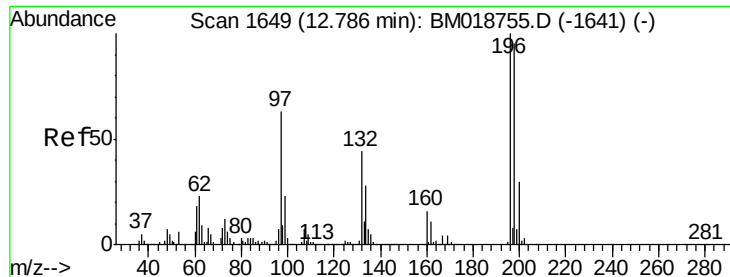
Abundance

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

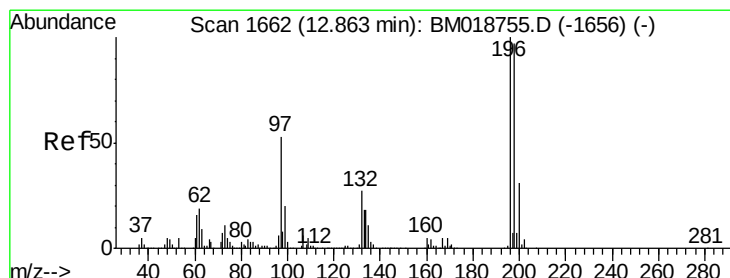
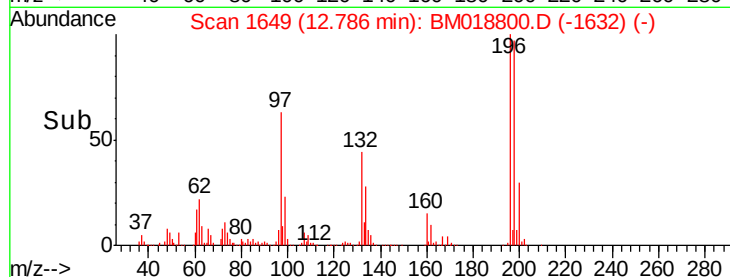
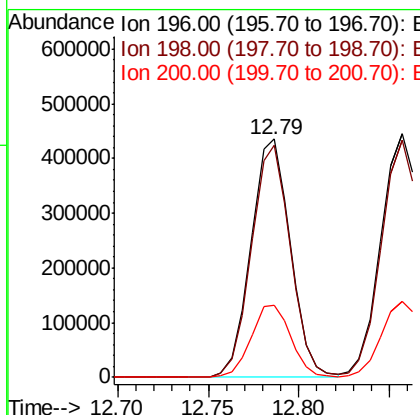
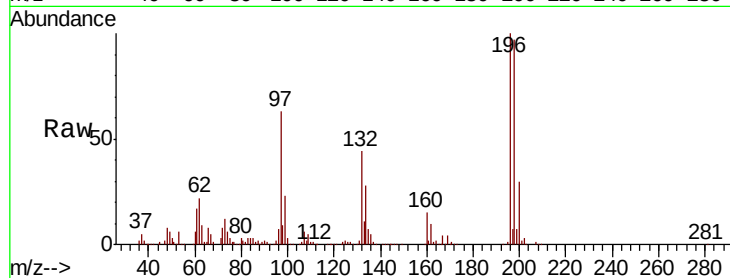




#43
 2,4,6-Trichlorophenol
 Concen: 43.759 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

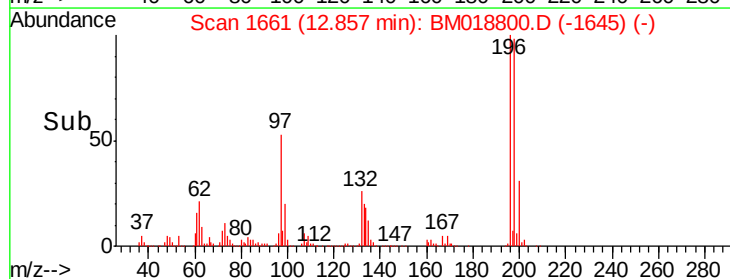
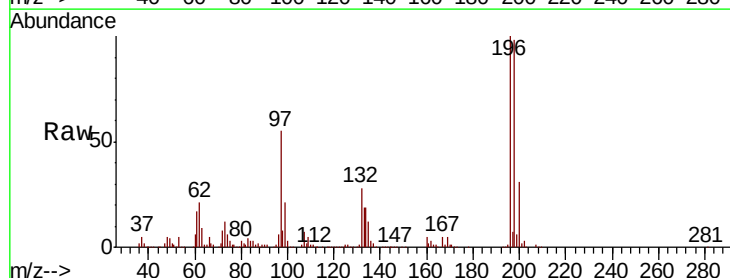
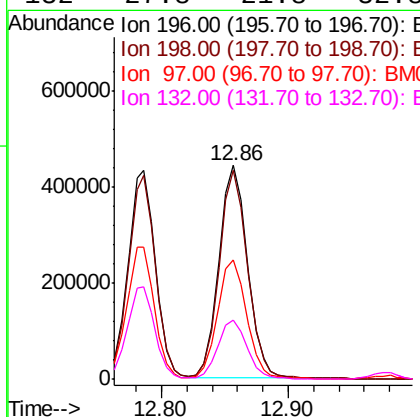
Instrument :
 BNA_M
 ClientSampled :

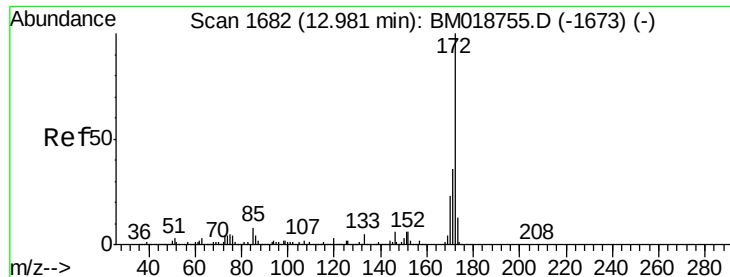
Tot Ion	196	Resp	659373
Ion Ratio	Lower	Upper	
196	100		
198	97.2	76.2	114.2
200	30.4	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.332 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	196	Resp	700154
Ion Ratio	Lower	Upper	
196	100		
198	97.7	77.6	116.4
97	55.5	42.8	64.2
132	27.8	21.8	32.8

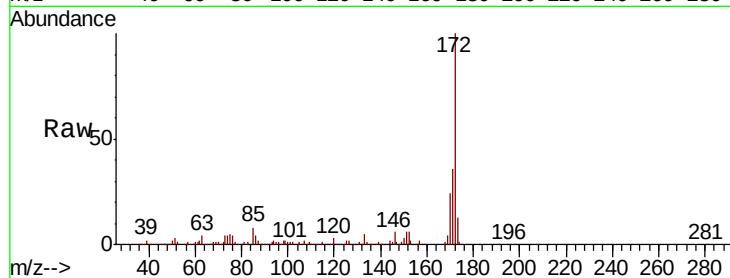




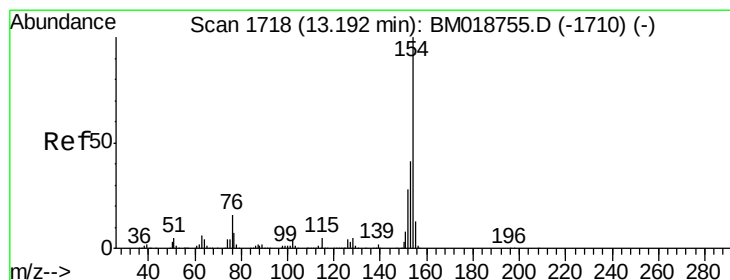
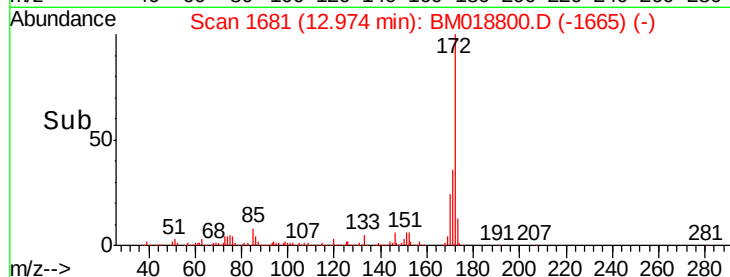
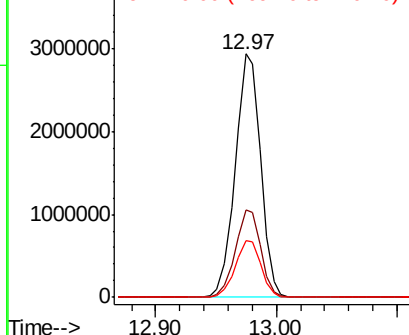
#45
2-Fluorobiphenyl
Concen: 80.179 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4297698
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.6 18.6 28.0

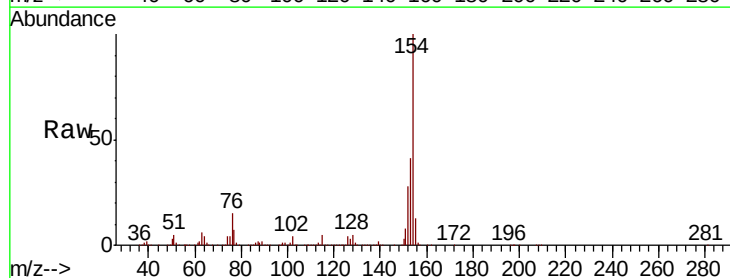


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

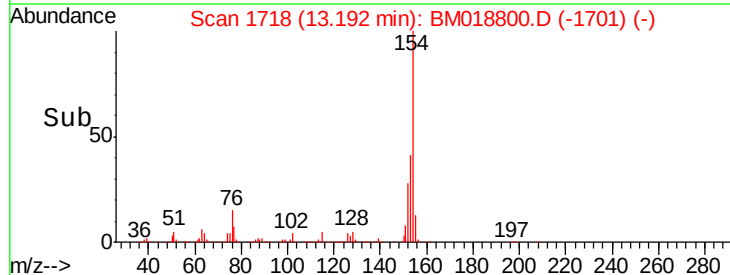
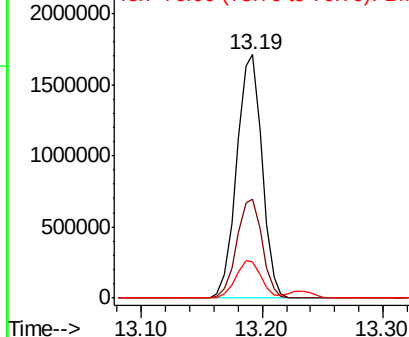


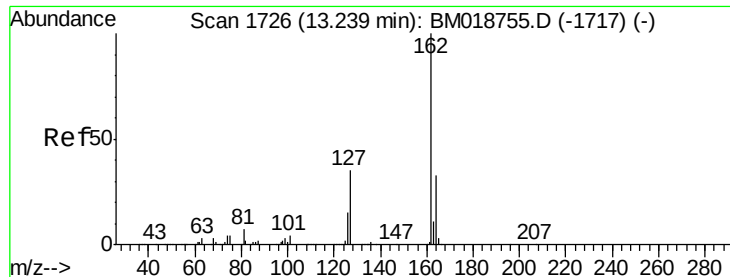
#46
1,1'-Biphenyl
Concen: 40.827 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:154 Resp: 2500601
Ion Ratio Lower Upper
154 100
153 40.6 21.1 61.1
76 15.2 0.0 35.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0

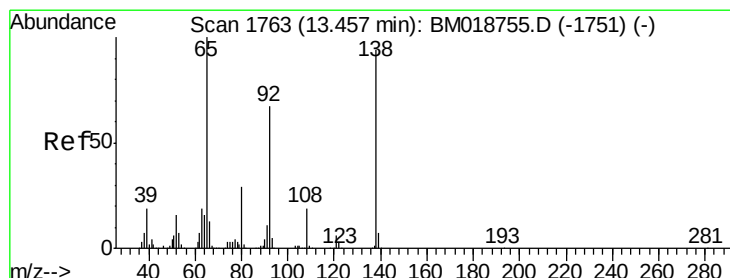
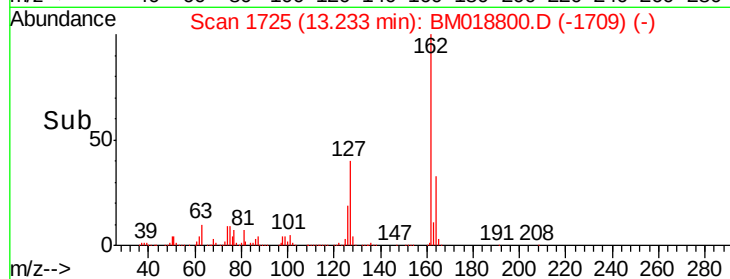
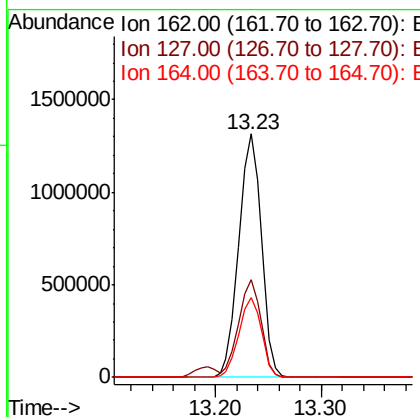
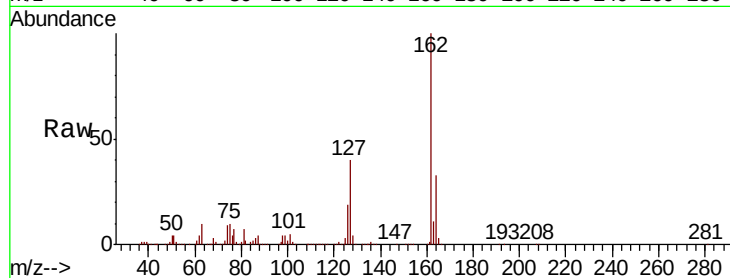




#47
 2-Chloronaphthalene
 Concen: 41.069 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

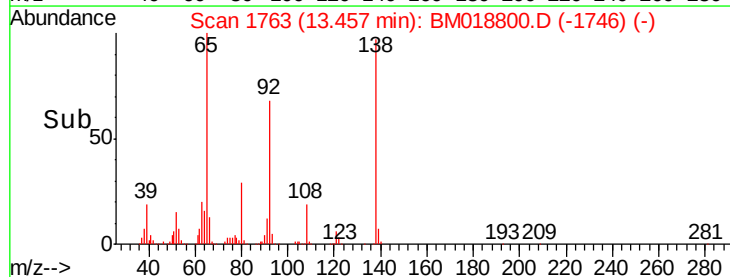
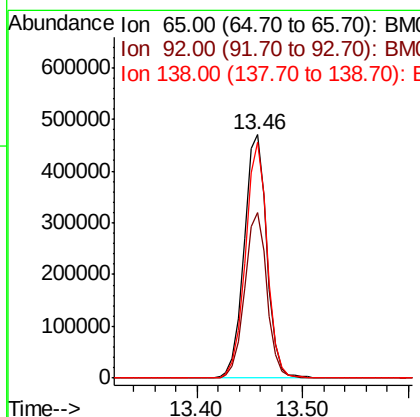
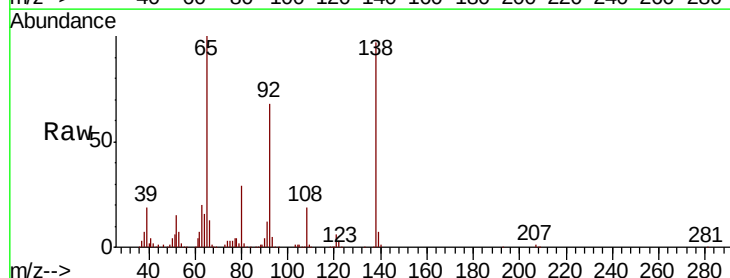
Instrument :
 BNA_M
 ClientSampleId :

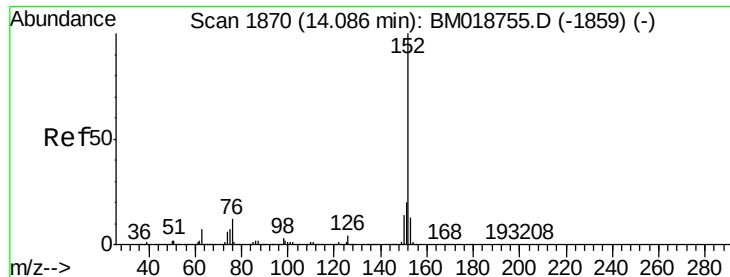
Tot Ion:162 Resp: 1942881
 Ion Ratio Lower Upper
 162 100
 127 40.0 31.1 46.7
 164 32.5 26.4 39.6



#48
 2-Nitroaniline
 Concen: 44.497 ng
 RT: 13.46 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion: 65 Resp: 699117
 Ion Ratio Lower Upper
 65 100
 92 68.1 54.0 81.0
 138 96.7 74.9 112.3





#49

Acenaphthylene

Concen: 45.815 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

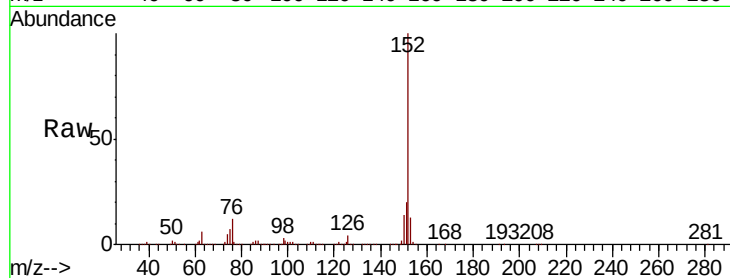
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 3227284

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.9	10.5	15.7

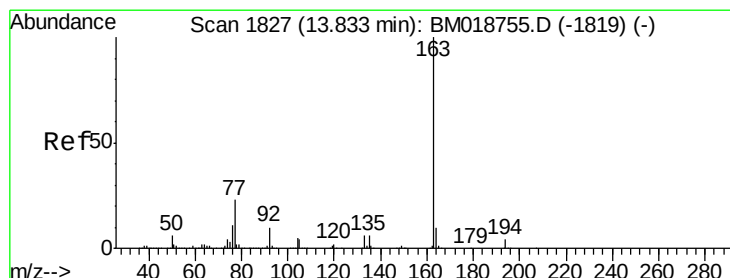
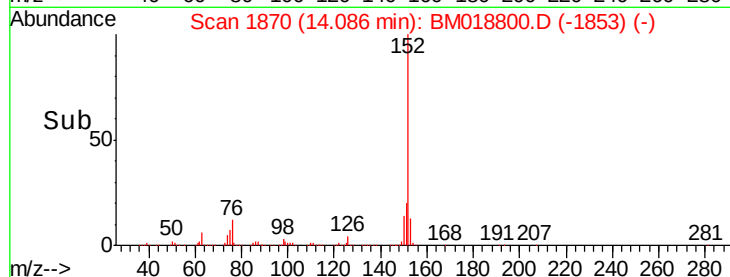
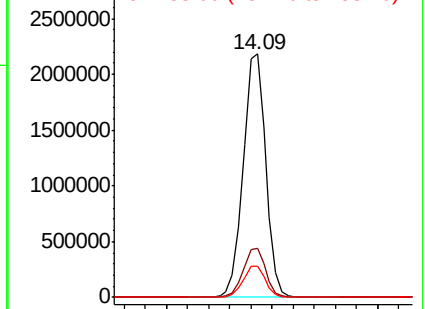


Abundance

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: 42.794 ng

RT: 13.83 min Scan# 1826

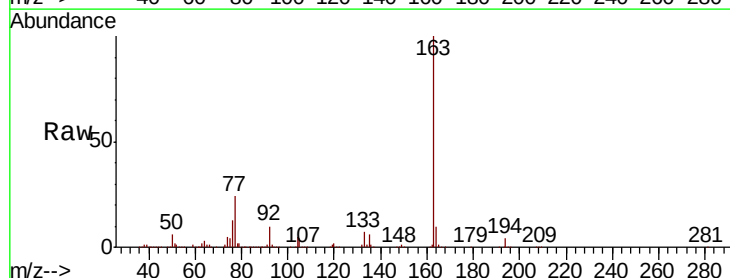
Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion:163 Resp: 2537656

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	7.8	11.8

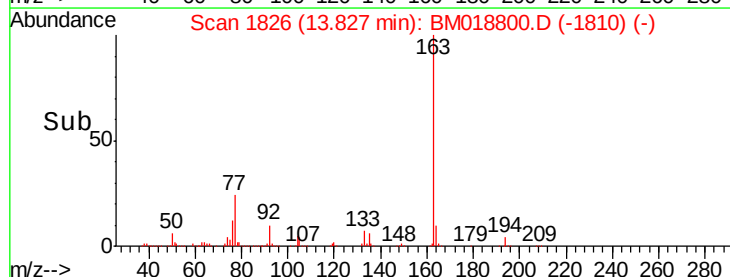
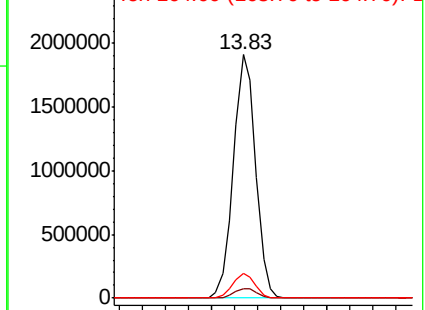


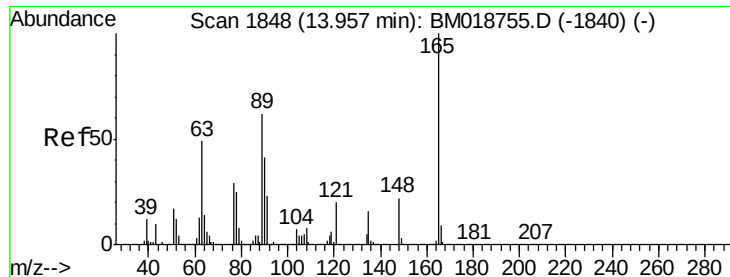
Abundance

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

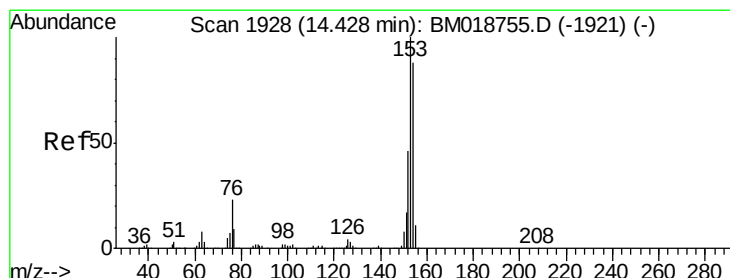
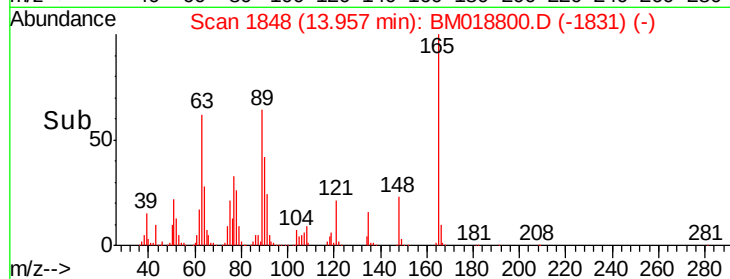
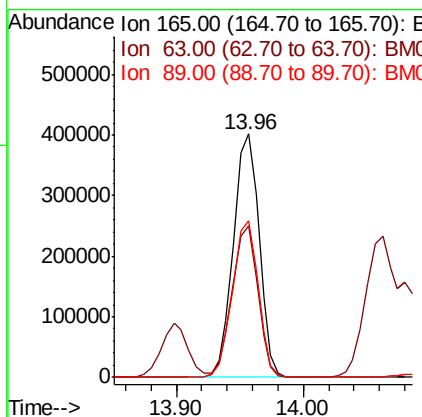
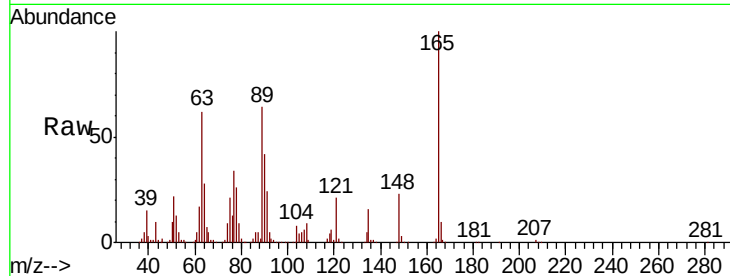




#51
 2,6-Dinitrotoluene
 Concen: 43.959 ng
 RT: 13.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

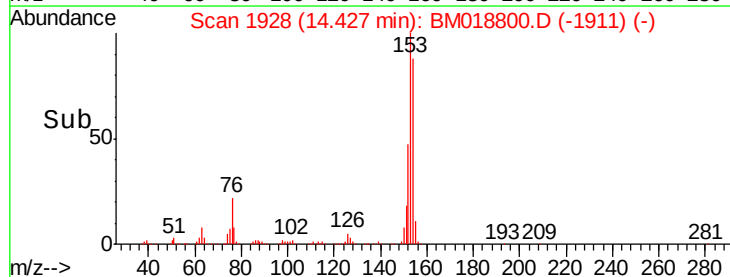
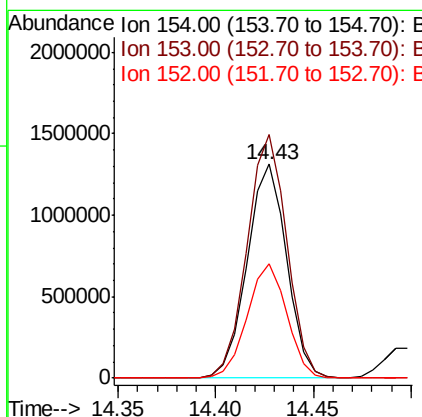
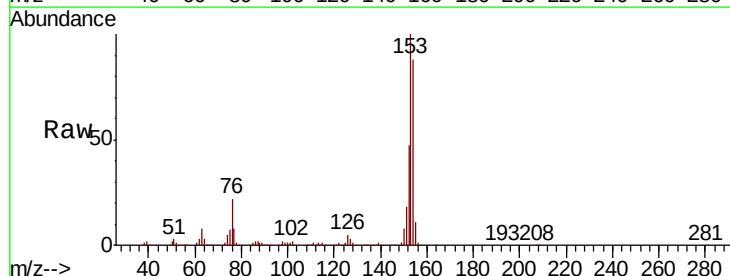
Instrument :
 BNA_M
 ClientSampled :

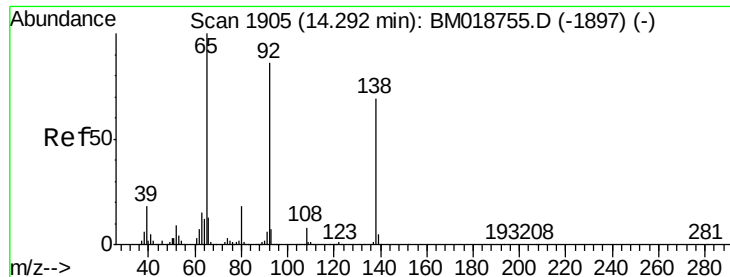
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.3	48.9	73.3
89	64.4	49.4	74.0



#52
 Acenaphthene
 Concen: 42.608 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.3	136.9
152	53.2	42.2	63.4

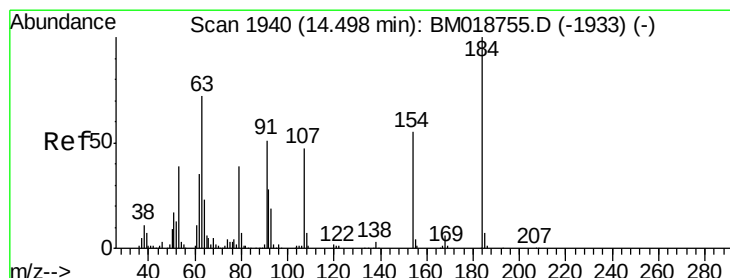
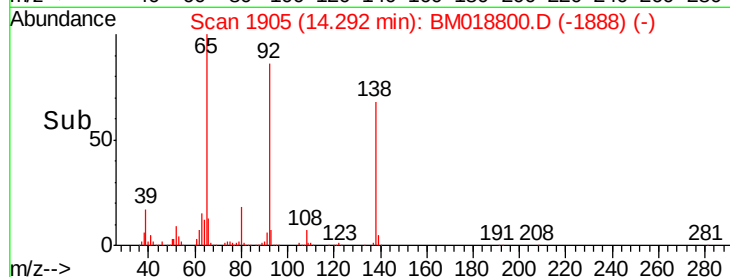
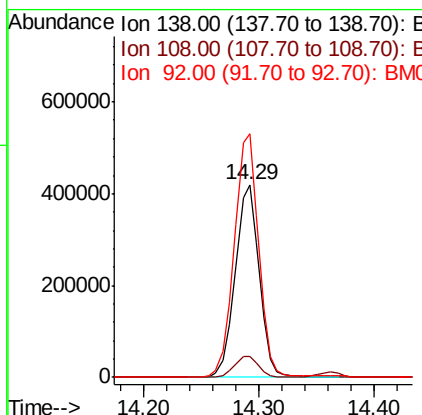
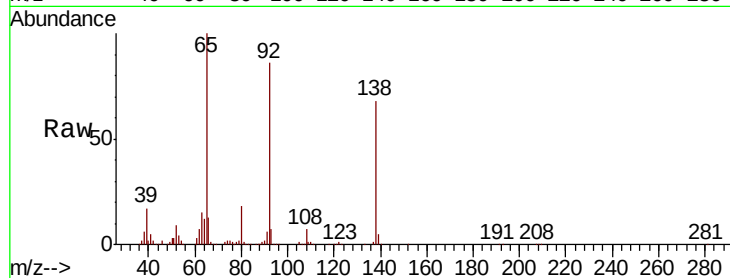




#53
3-Nitroaniline
Concen: 41.632 ng
RT: 14.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

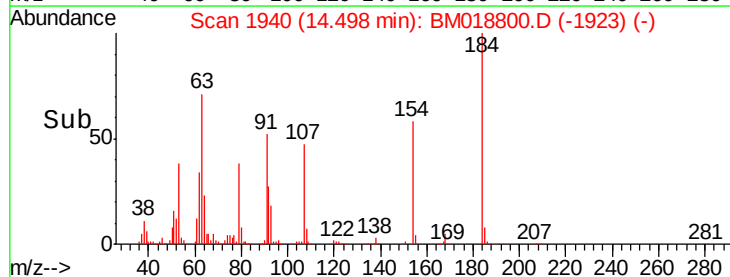
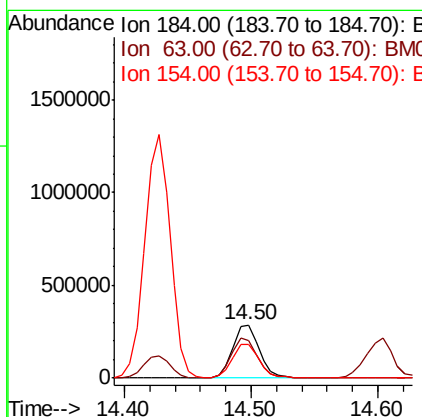
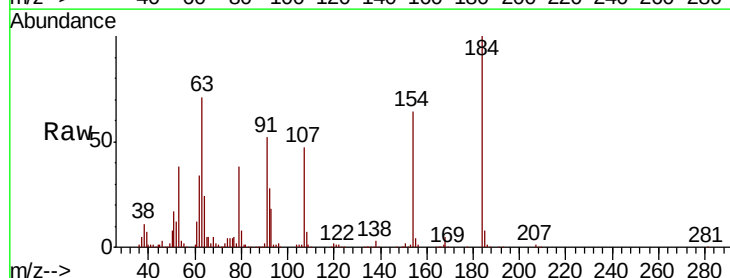
Instrument :
BNA_M
ClientSampleId :

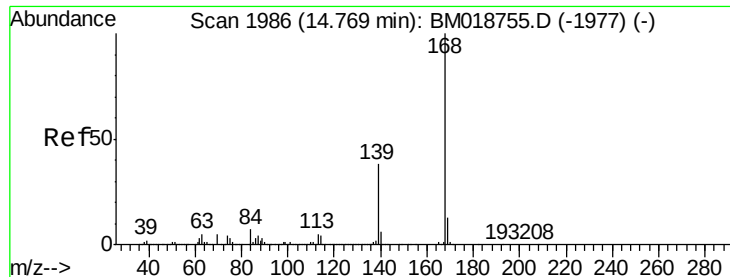
Tot Ion:138 Resp: 604259
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 126.4 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 53.778 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:184 Resp: 421755
Ion Ratio Lower Upper
184 100
63 71.4 58.0 87.0
154 63.6 50.3 75.5





#55

Dibenzofuran

Concen: 42.442 ng

RT: 14.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampled :

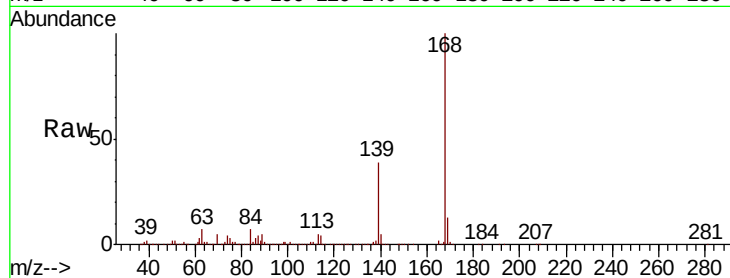
Tot Ion:168 Resp: 3013121

Ion Ratio Lower Upper

168 100

139 38.9 30.7 46.1

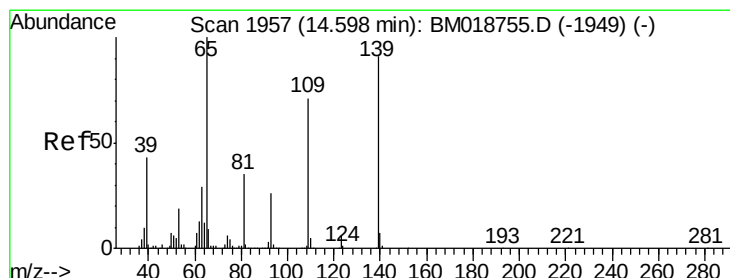
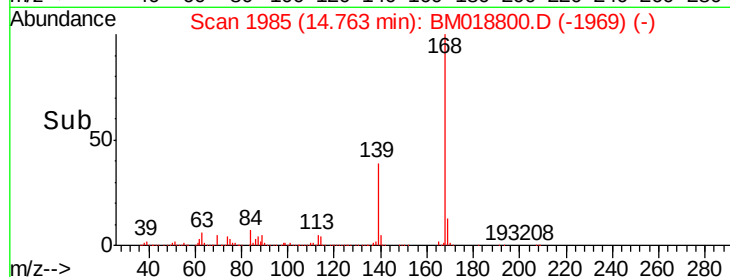
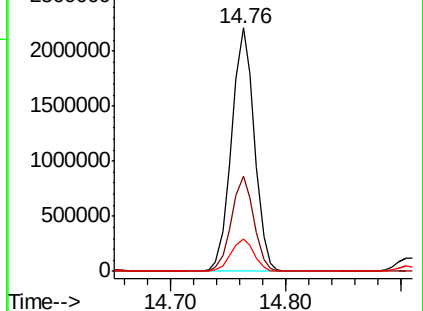
169 13.2 10.3 15.5



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: 85.317 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

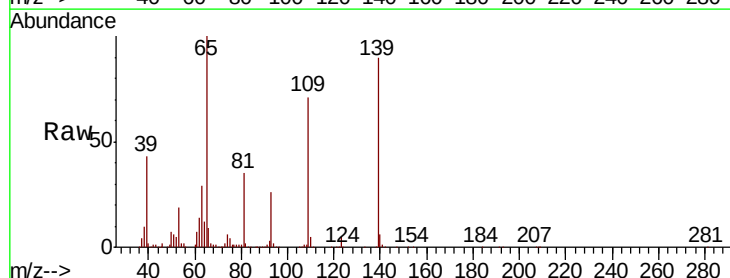
Tgt Ion:139 Resp: 988512

Ion Ratio Lower Upper

139 100

109 78.5 58.4 98.4

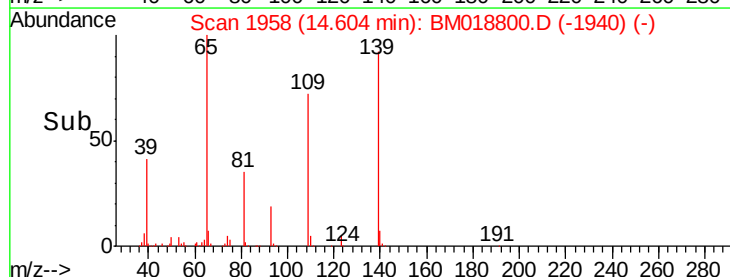
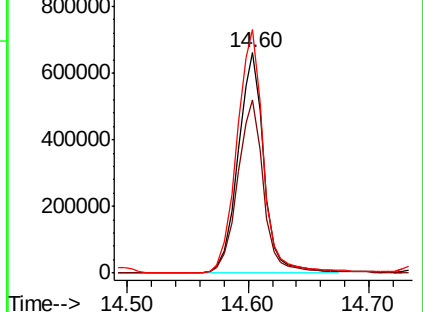
65 110.5 89.8 129.8

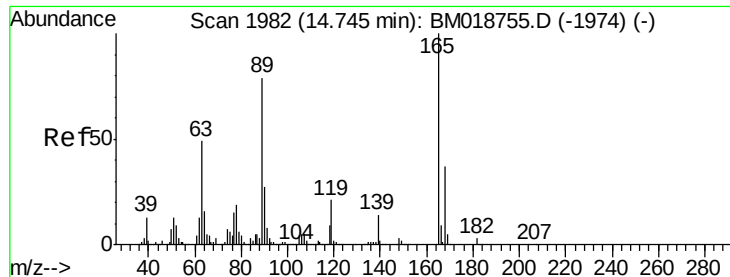


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

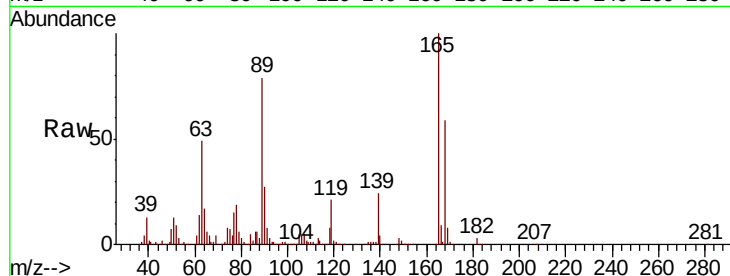




#57
2,4-Dinitrotoluene
Concen: 45.418 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	48.9	39.6	59.4	
89	78.6	63.5	95.3	
182	2.9	2.2	3.4	



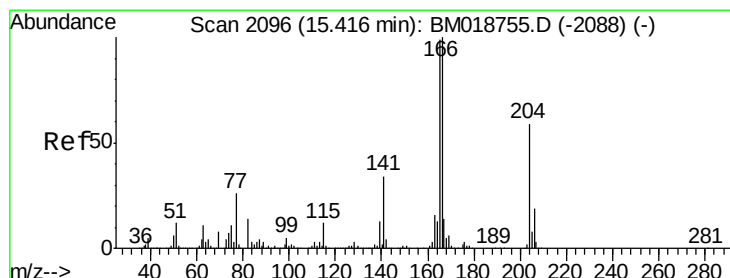
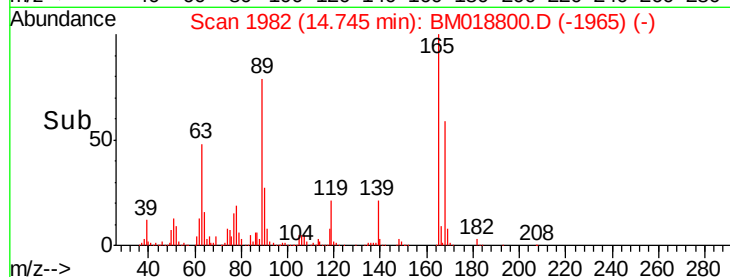
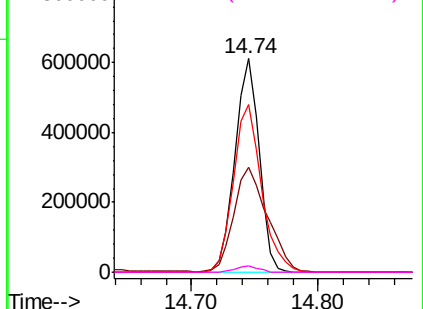
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

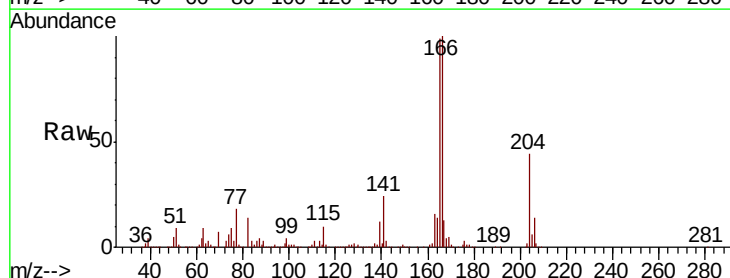
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.592 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	99.0	79.1	118.7	
167	13.3	11.0	16.4	

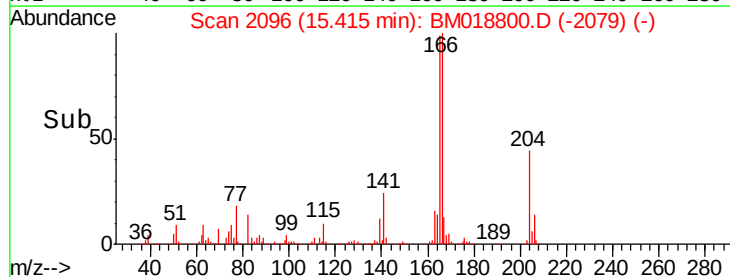
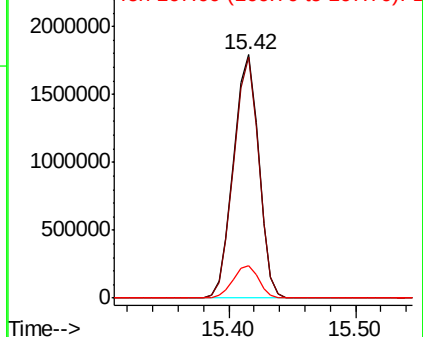


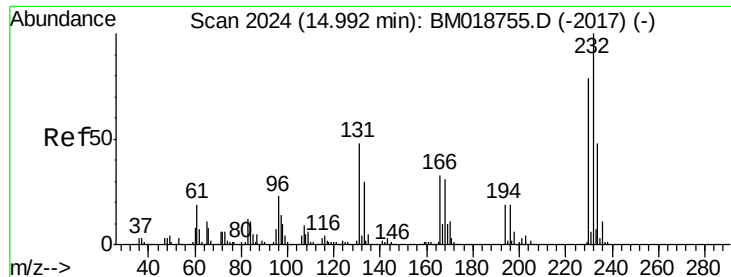
Abundance

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

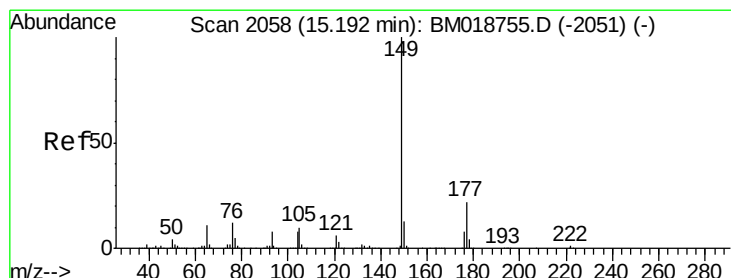
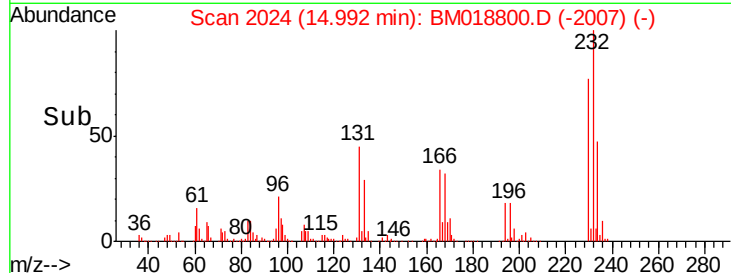
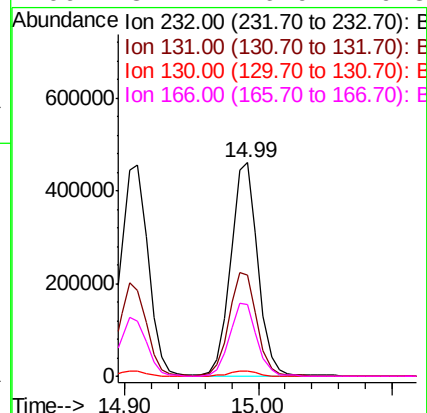
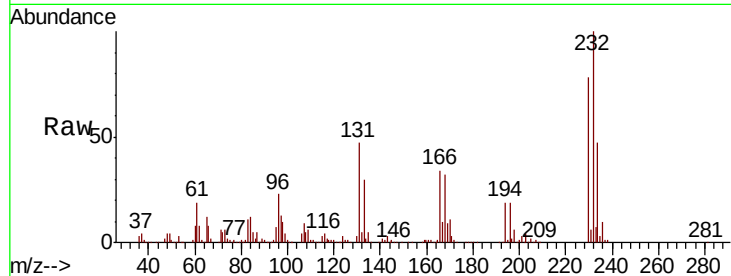




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.767 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

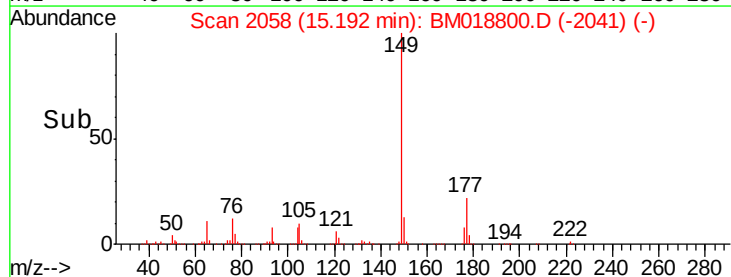
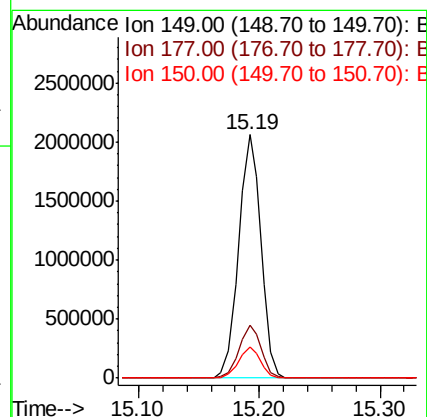
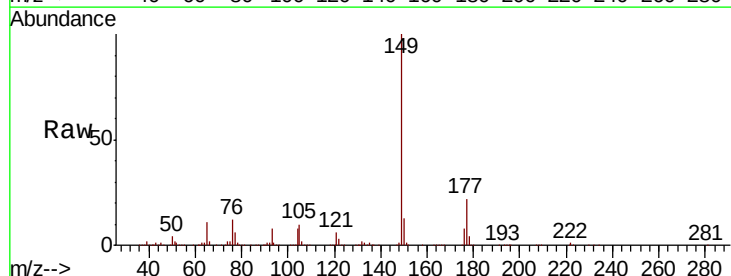
Instrument :
 BNA_M
 ClientSampleId :

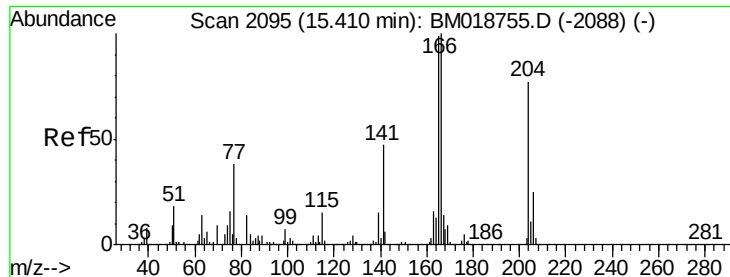
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.6	38.6	57.8
130	2.7	2.0	3.0
166	34.1	26.9	40.3



#60
 Diethylphthalate
 Concen: 43.316 ng
 RT: 15.19 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.2	25.8
150	12.6	10.2	15.2

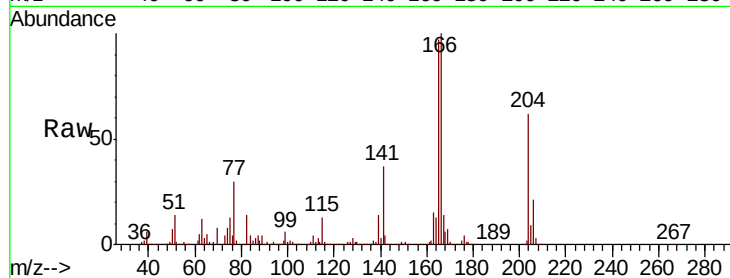




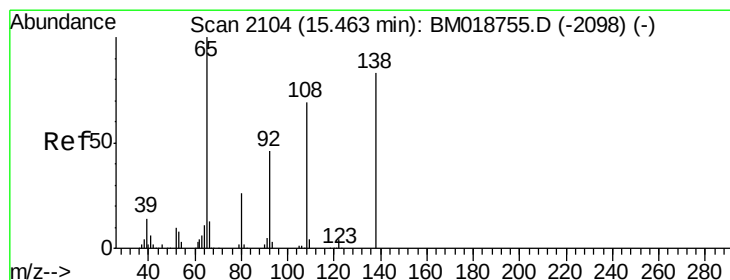
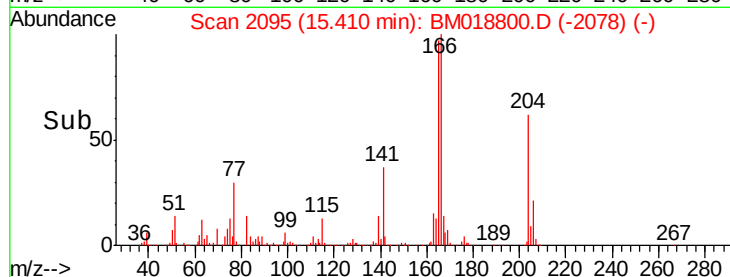
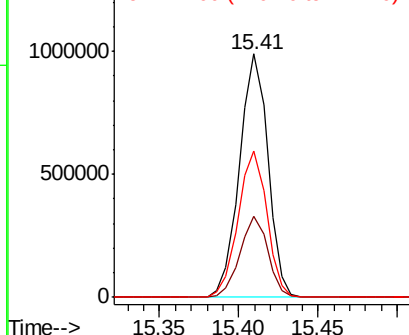
#61
4-Chlorophenyl-phenylether
Concen: 40.518 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1233850
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 59.9 49.2 73.8

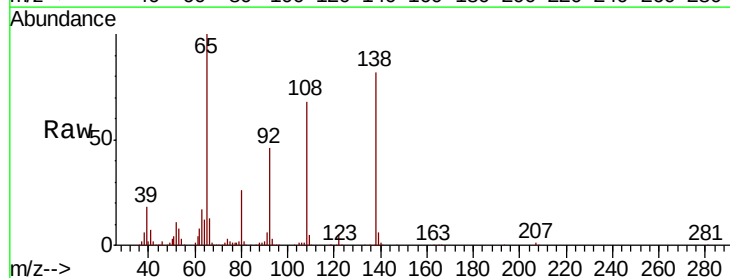


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

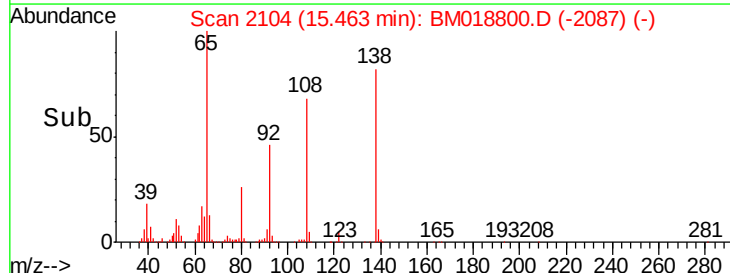
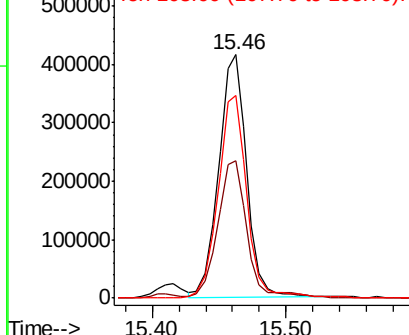


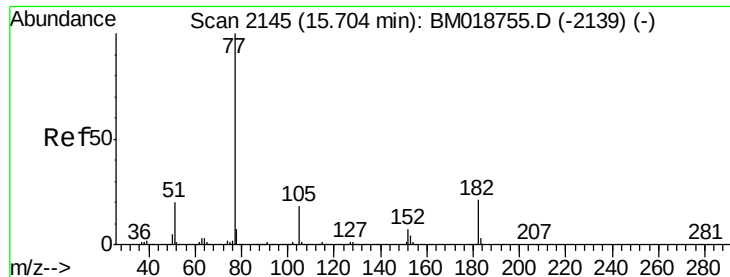
#62
4-Nitroaniline
Concen: 43.124 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:138 Resp: 613623
Ion Ratio Lower Upper
138 100
92 56.2 35.5 75.5
108 83.1 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: 43.288 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2839126

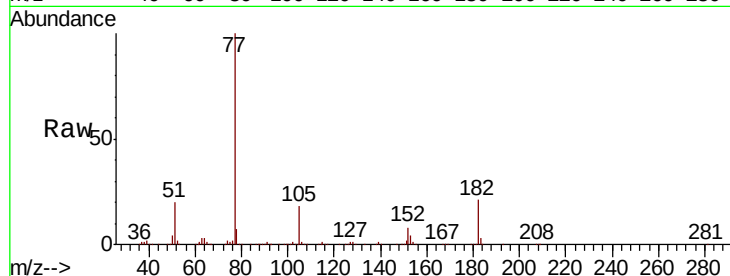
Ion	Ratio	Lower	Upper
77	100		
182	21.4	1.0	41.0
105	17.8	0.0	37.7
51	20.5	0.3	40.3

77 100

182 21.4 1.0 41.0

105 17.8 0.0 37.7

51 20.5 0.3 40.3

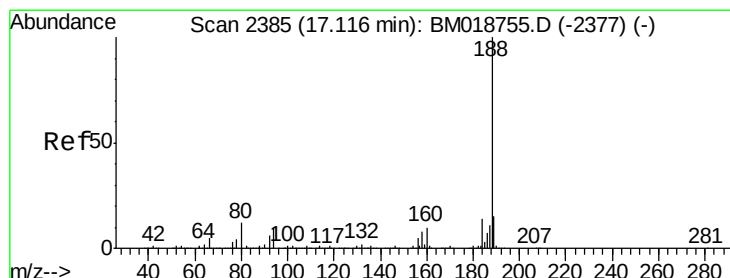
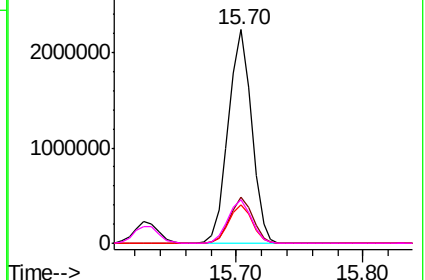
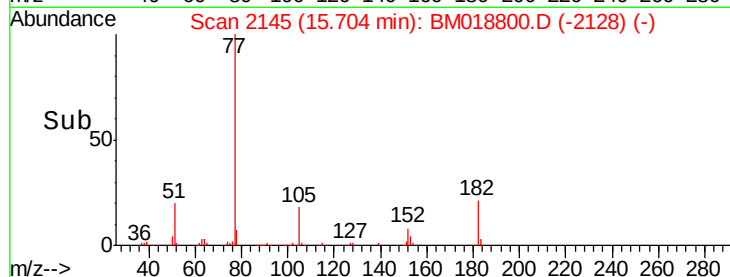


Abundance Ion 77.00 (76.70 to 77.70): BM018800.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM018800.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BM018800.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM018800.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

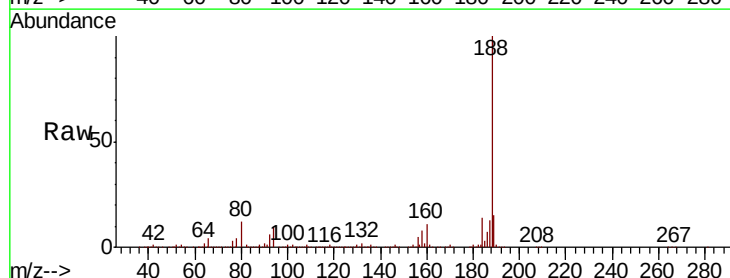
Tgt Ion: 188 Resp: 1652391

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	12.1	9.7	14.5

188 100

94 10.4 8.2 12.2

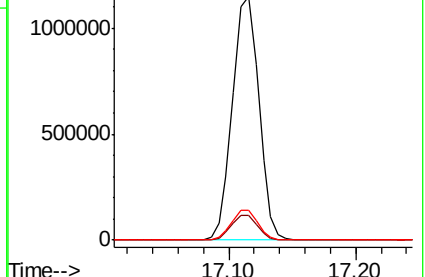
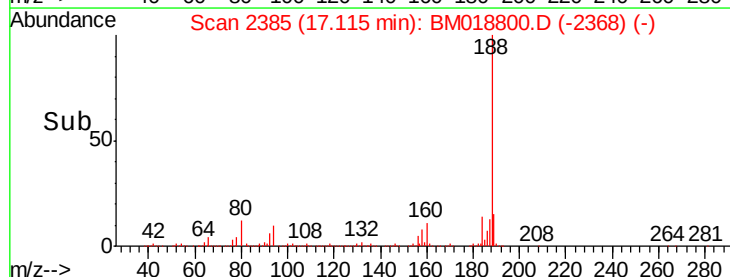
80 12.1 9.7 14.5

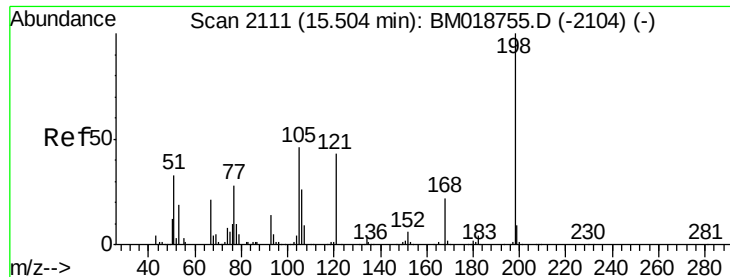


Abundance Ion 188.00 (187.70 to 188.70): BM018800.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018800.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018800.D (-2368) (-)

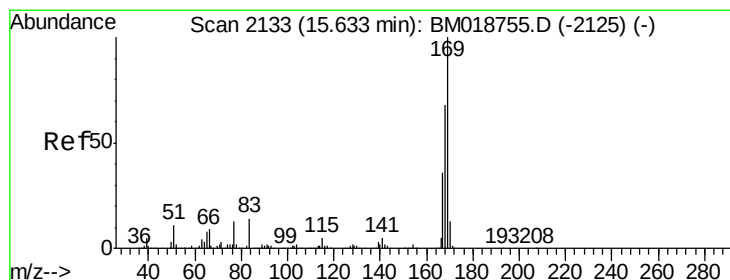
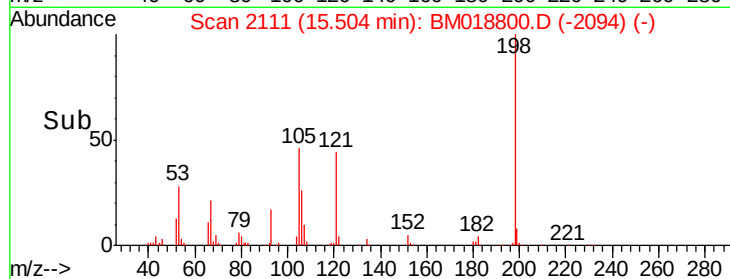
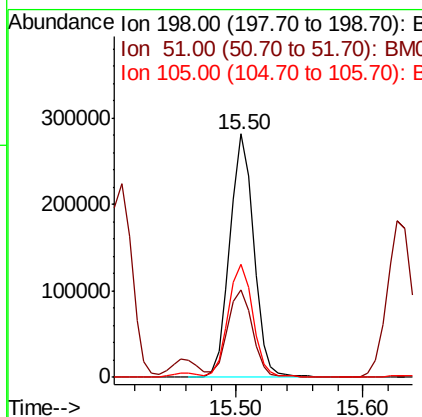
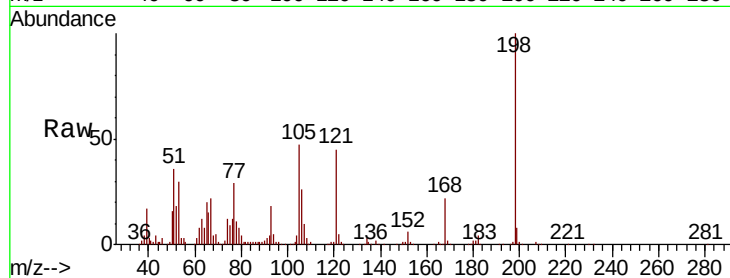




#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.747 ng
 RT: 15.50 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

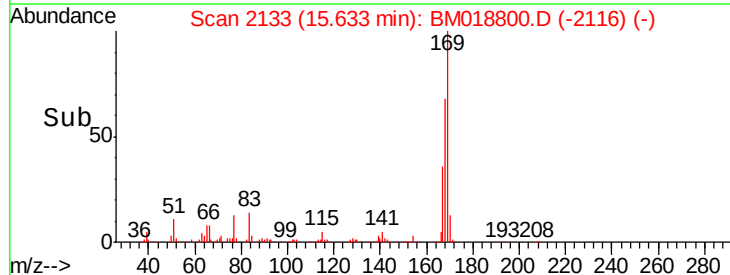
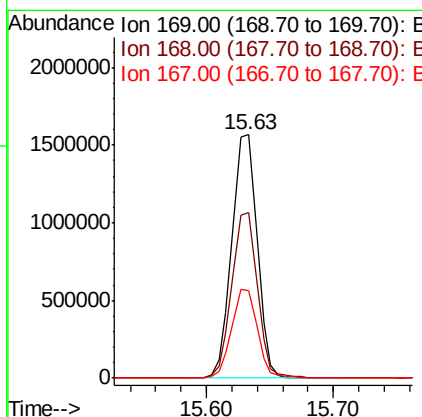
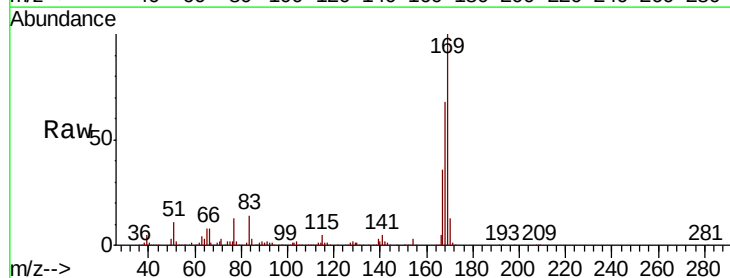
Instrument :
 BNA_M
 ClientSampleId :

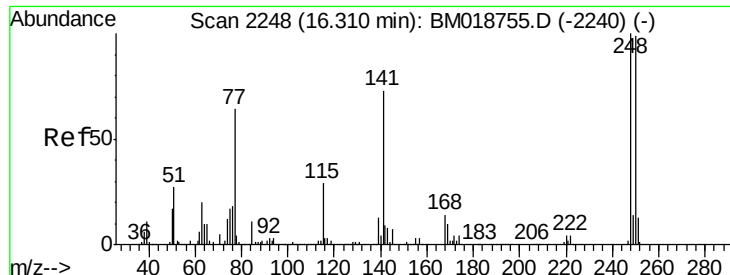
Tot Ion	198	Resp	368311
Ion Ratio	100	Lower	Upper
51	36.2	18.4	58.4
105	46.7	27.2	67.2



#66
 n-Nitrosodiphenylamine
 Concen: 41.427 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion	169	Resp	2162709
Ion Ratio	100	Lower	Upper
168	67.8	54.4	81.6
167	36.0	29.0	43.6

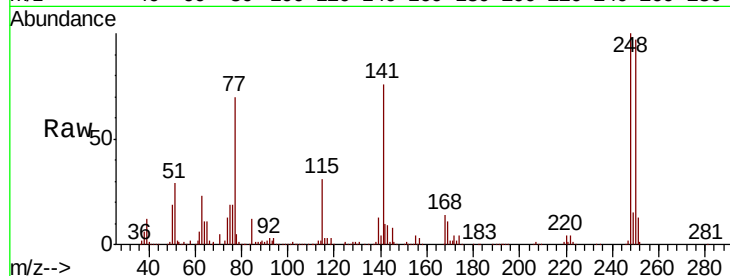




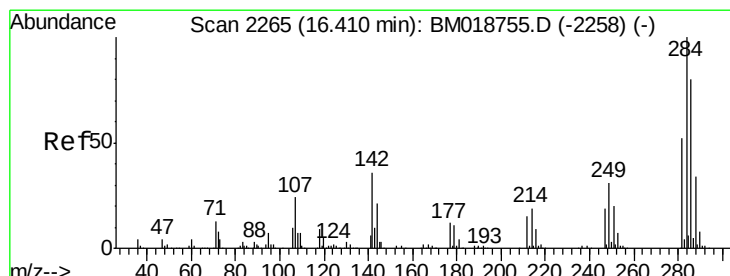
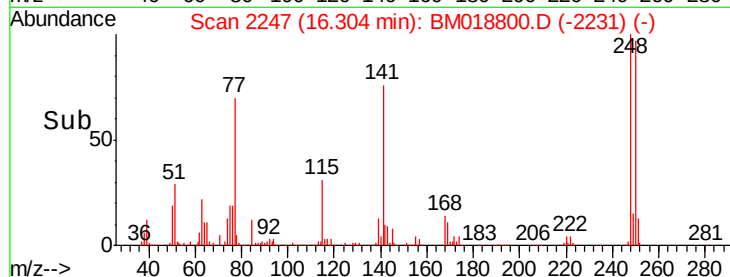
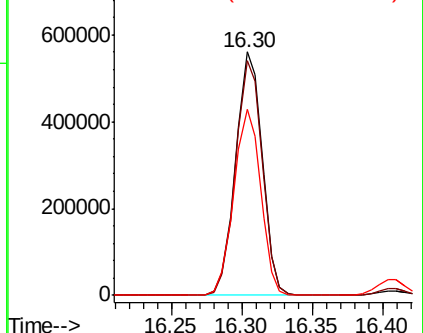
#67
4-Bromophenyl-phenylether
Concen: 39.868 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 737394
Ion Ratio Lower Upper
248 100
250 96.6 79.0 118.6
141 76.2 58.6 88.0

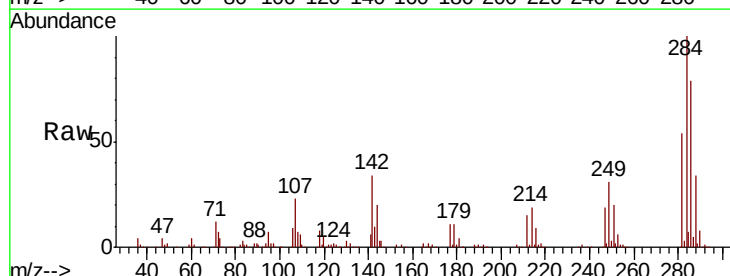


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

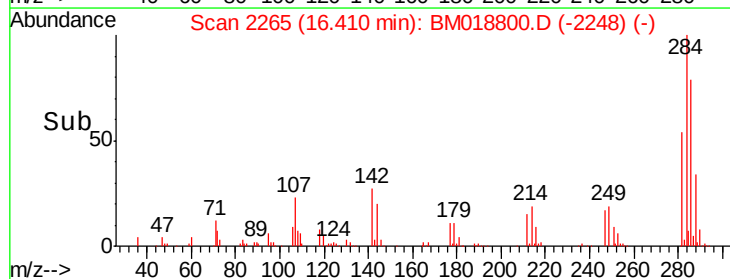
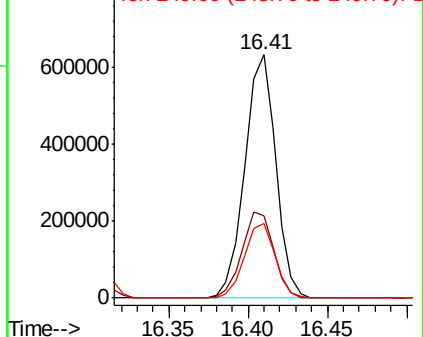


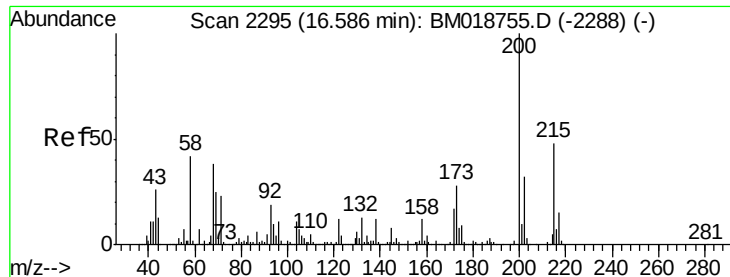
#68
Hexachlorobenzene
Concen: 39.942 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:284 Resp: 858698
Ion Ratio Lower Upper
284 100
142 34.0 28.9 43.3
249 30.8 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: 44.308 ng

RT: 16.59 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

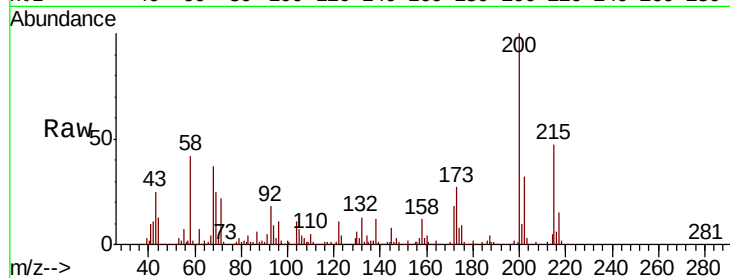
Tot Ion:200 Resp: 745732

Ion Ratio Lower Upper

200 100

173 27.2 7.6 47.6

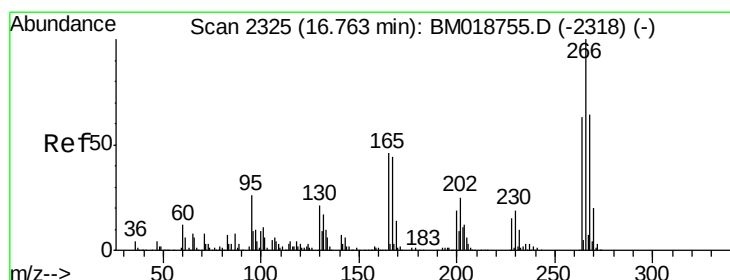
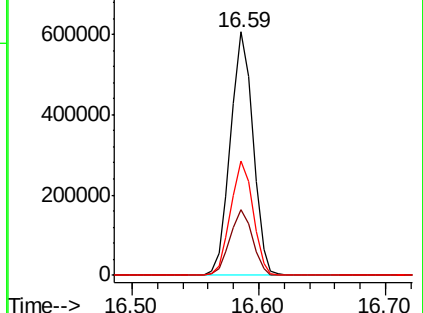
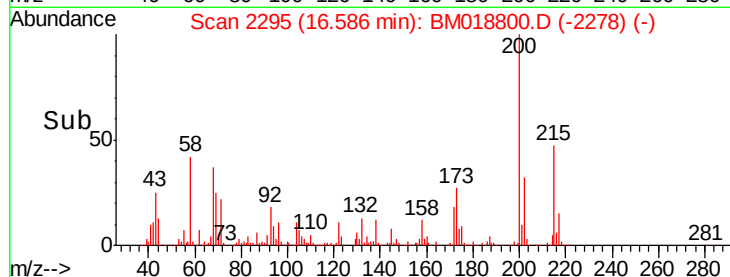
215 46.9 27.6 67.6



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: 79.245 ng

RT: 16.76 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

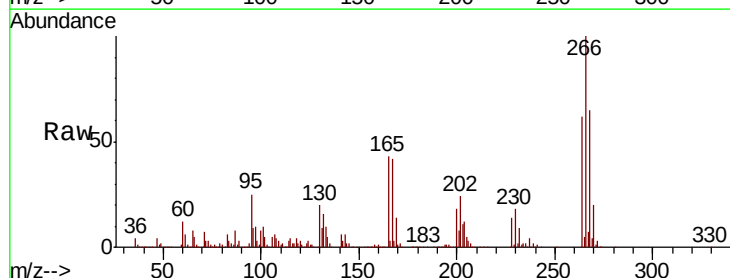
Tgt Ion:266 Resp: 1096943

Ion Ratio Lower Upper

266 100

268 64.6 51.3 76.9

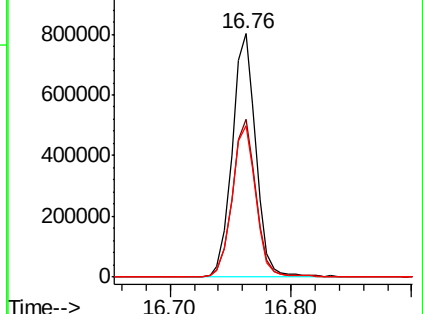
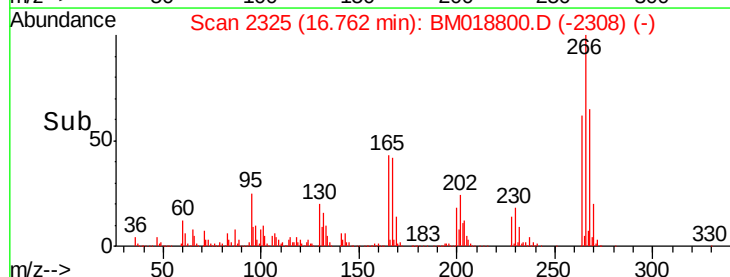
264 62.0 50.6 75.8

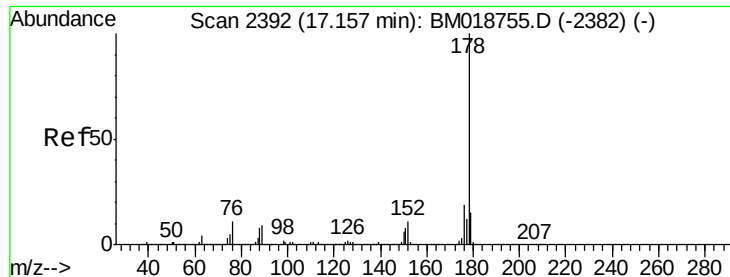


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

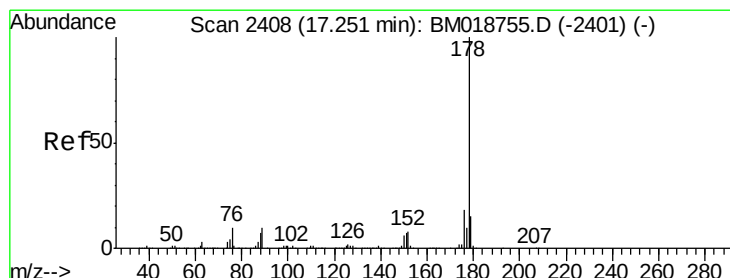
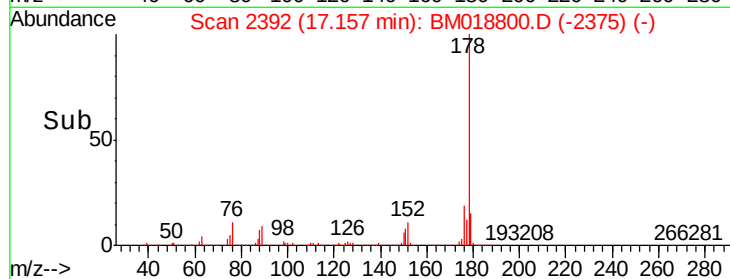
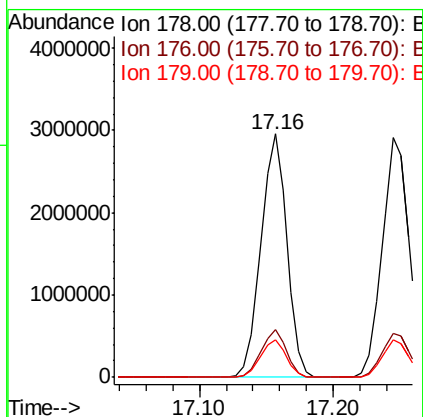
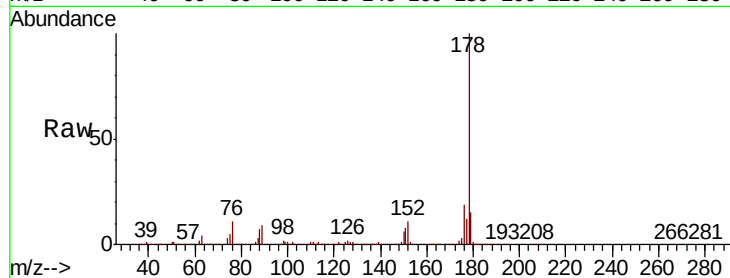




#71
Phenanthrene
Concen: 44.469 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

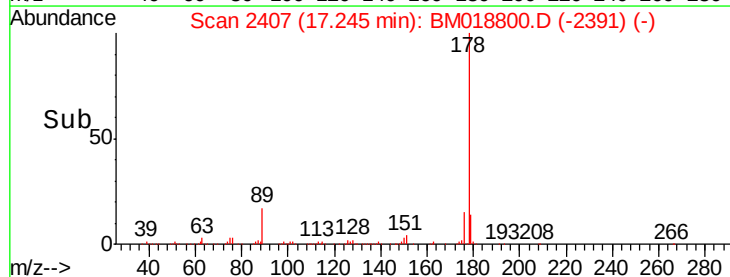
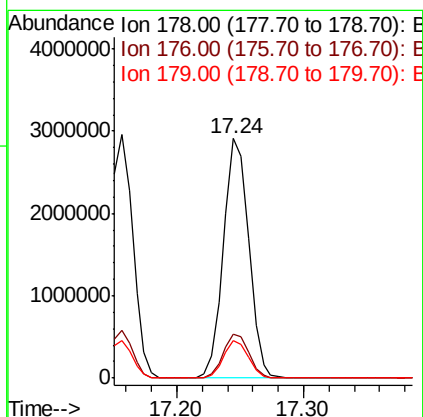
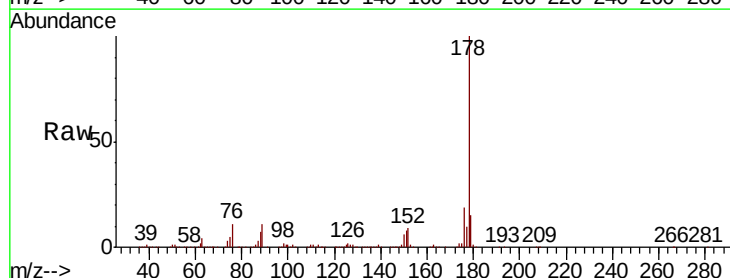
Instrument :
BNA_M
ClientSampleId :

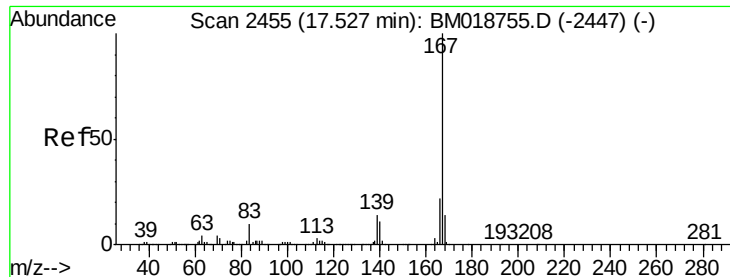
Tot Ion:178 Resp: 3948969
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.2 12.3 18.5



#72
Anthracene
Concen: 46.601 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:178 Resp: 4027908
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.1 18.1

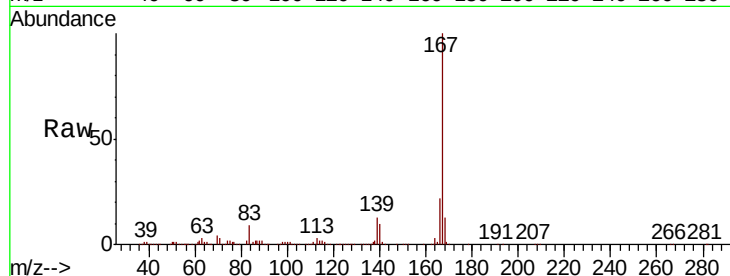




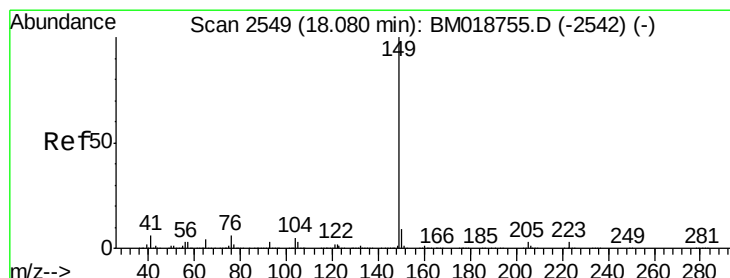
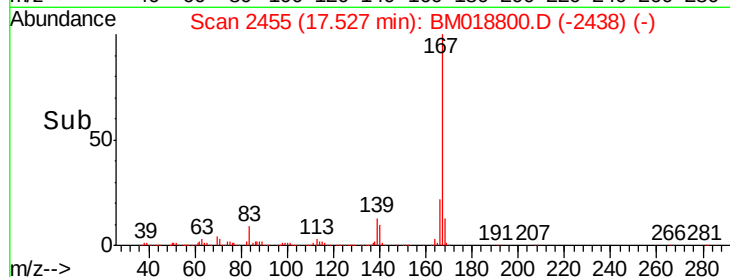
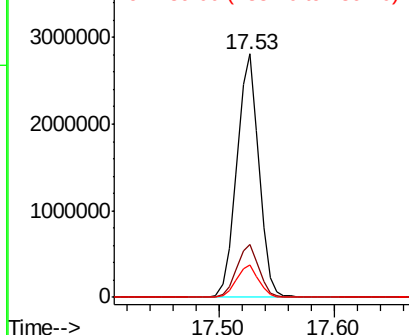
#73
 Carbazole
 Concen: 41.167 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3717462
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.1 10.9 16.3

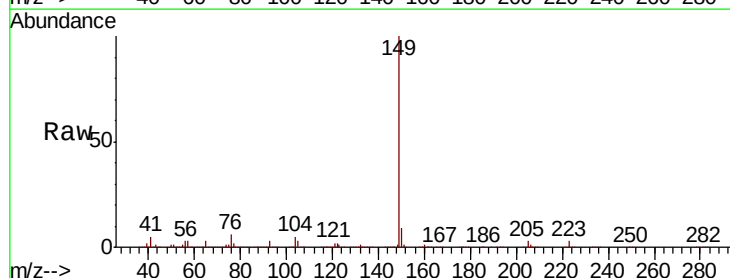


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

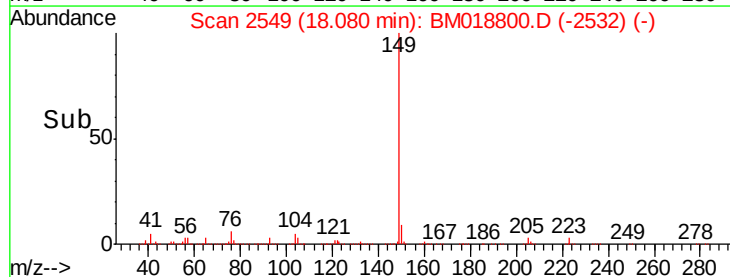
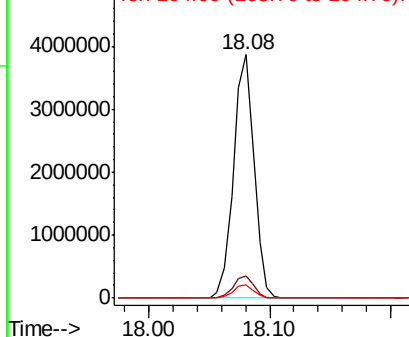


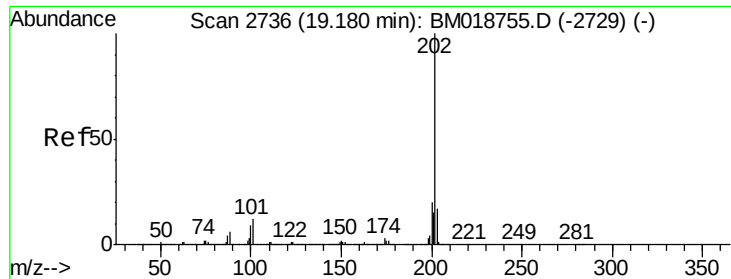
#74
 Di-n-butylphthalate
 Concen: 44.219 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018800.D
 Acq: 13 Feb 2019 11:21

Tgt Ion:149 Resp: 4592301
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.3 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: 45.573 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

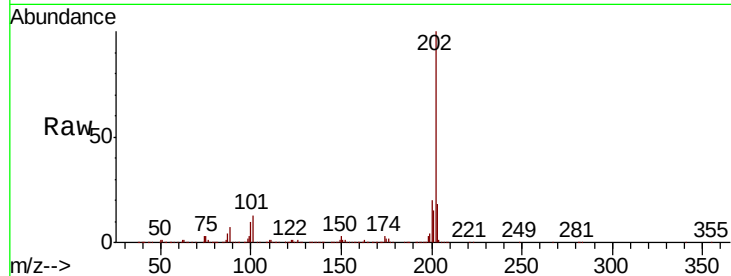
Tot Ion:202 Resp: 4674728

Ion Ratio Lower Upper

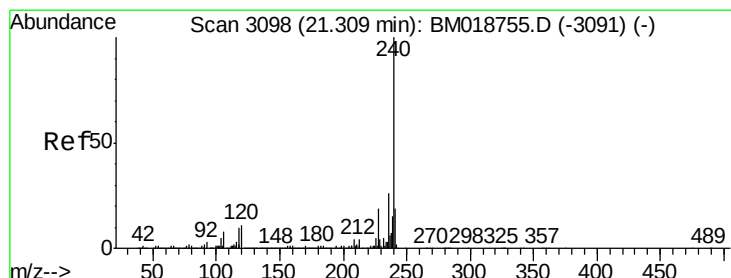
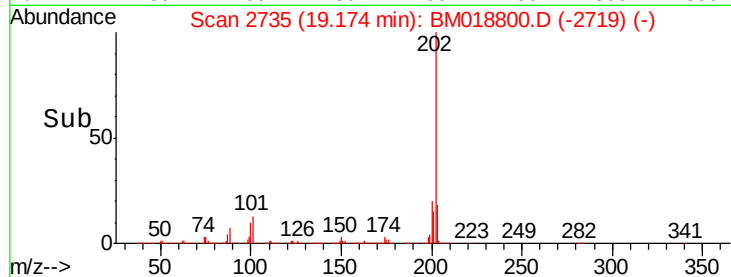
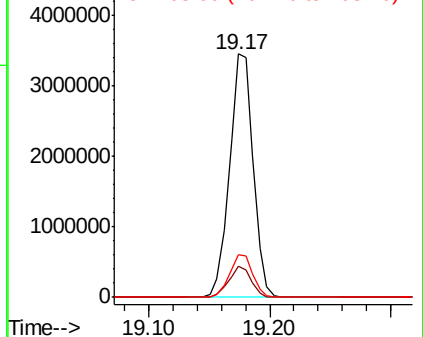
202 100

101 12.8 0.0 31.5

203 17.7 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: BM018800.D

Acq: 13 Feb 2019 11:21

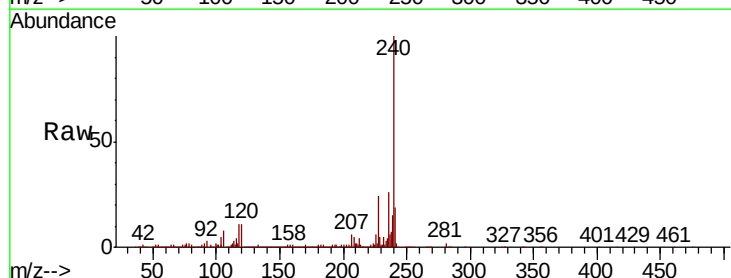
Tgt Ion:240 Resp: 1819324

Ion Ratio Lower Upper

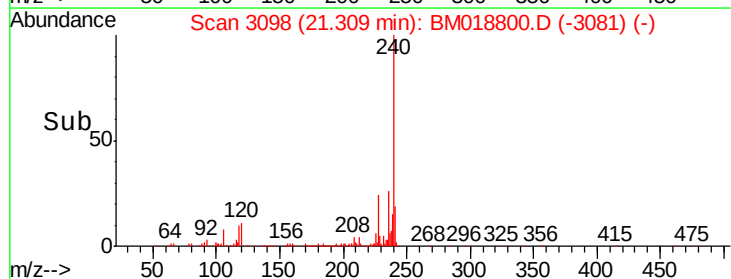
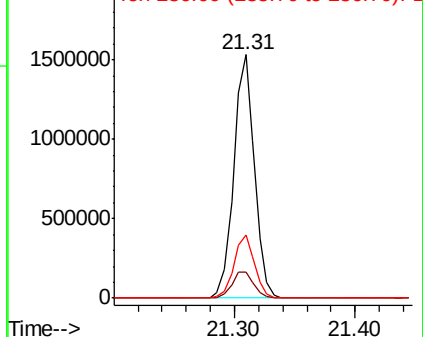
240 100

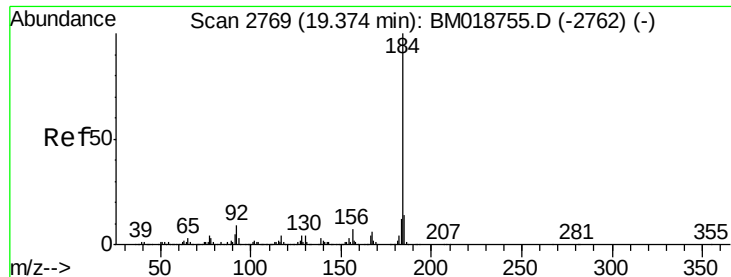
120 10.9 8.9 13.3

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: 127.904 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

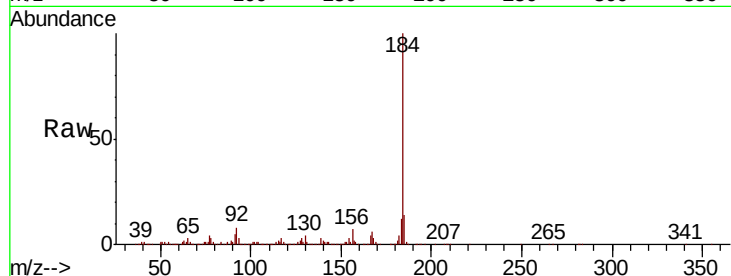
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 5240706

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.3	9.7	14.5

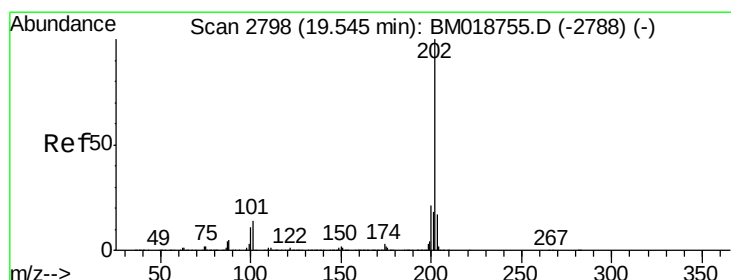
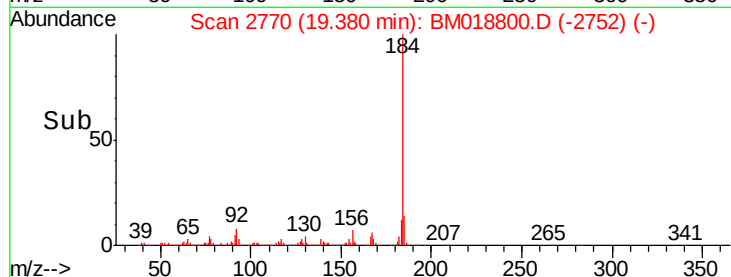
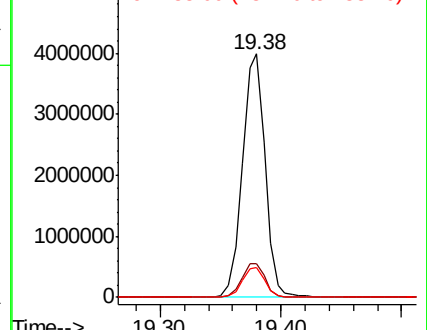


Abundance

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: 45.297 ng

RT: 19.54 min Scan# 2798

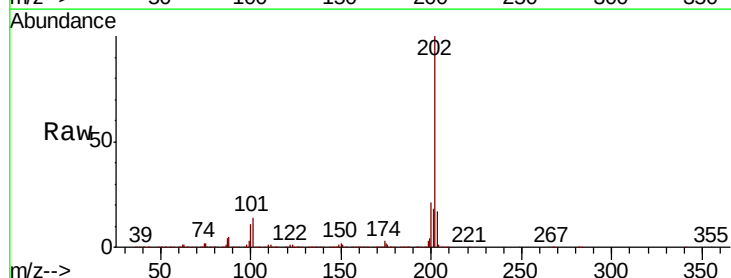
Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Tgt Ion:202 Resp: 4786258

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.3	13.8	20.8

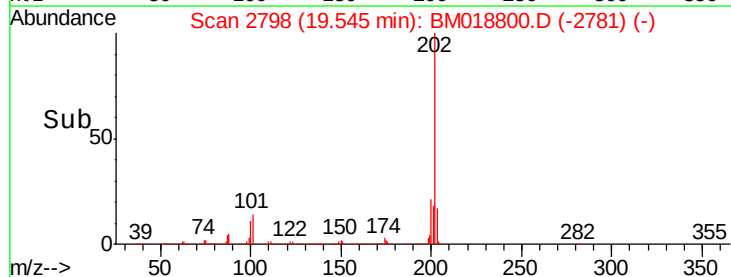
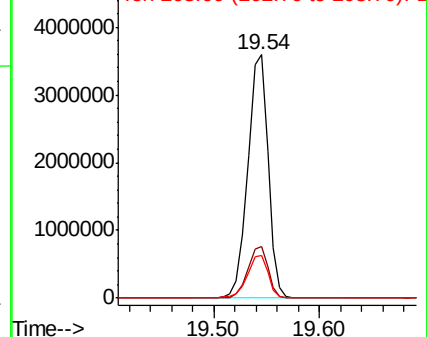


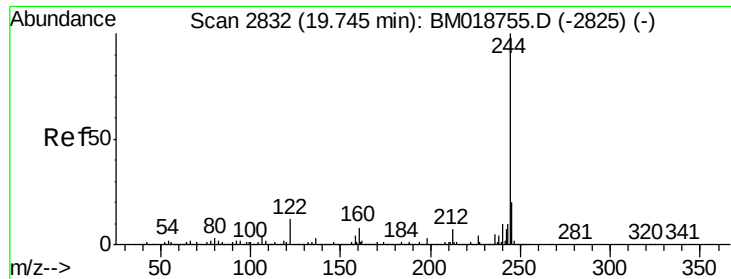
Abundance

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: 90.962 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampled :

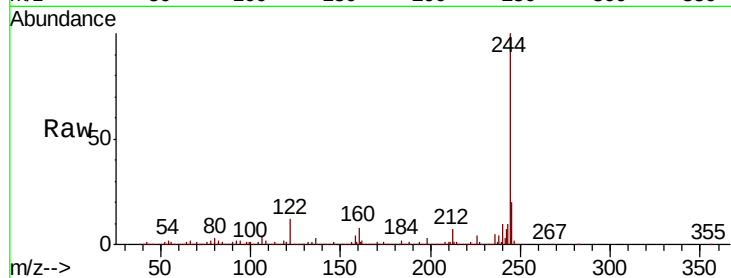
Tot Ion:244 Resp: 8022208

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

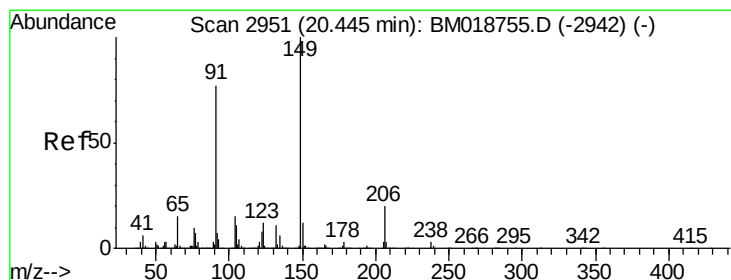
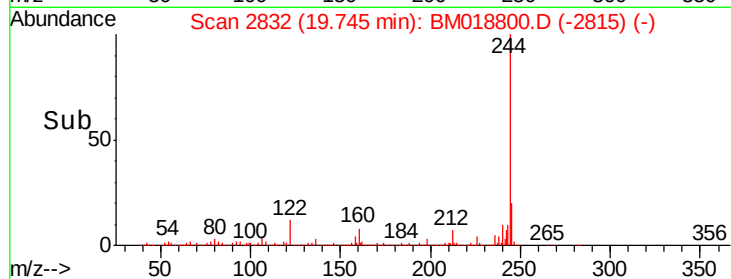
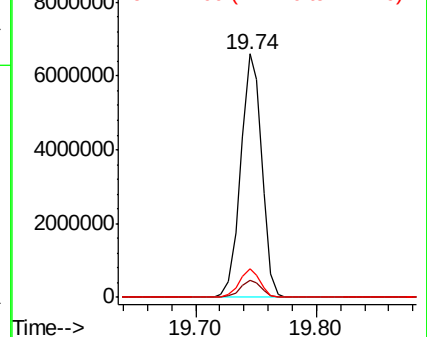
122 11.6 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.154 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

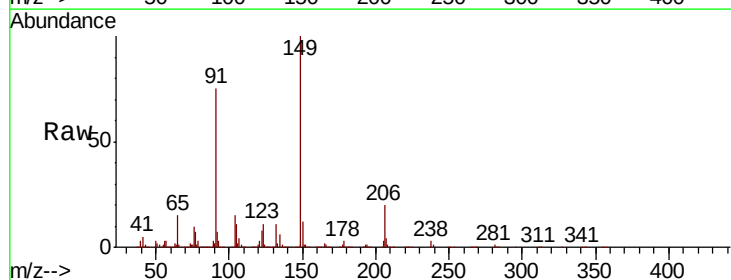
Tgt Ion:149 Resp: 2222564

Ion Ratio Lower Upper

149 100

91 75.5 61.4 92.0

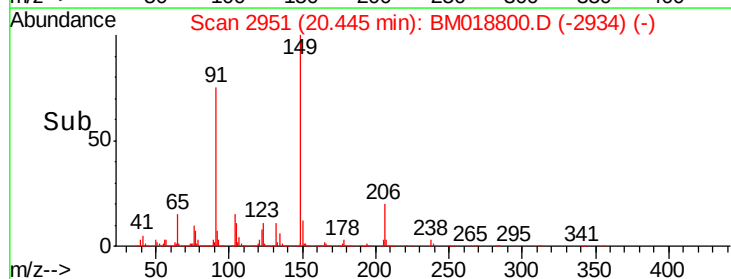
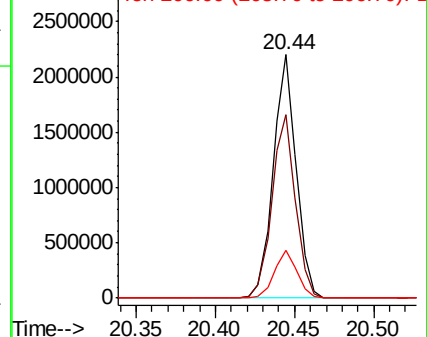
206 19.9 15.8 23.8

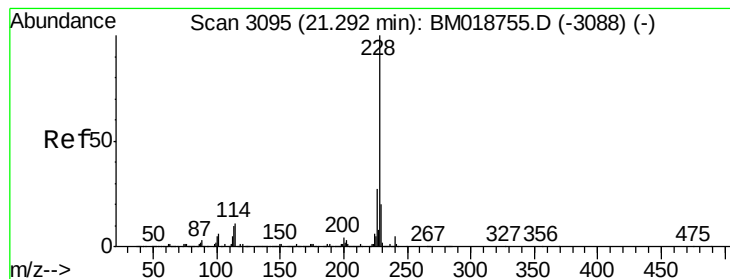


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.534 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampled :

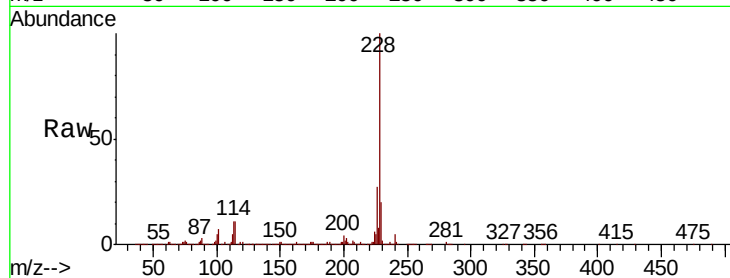
Tot Ion:228 Resp: 4828959

Ion Ratio Lower Upper

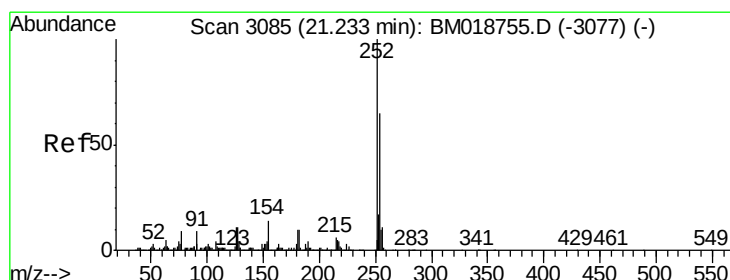
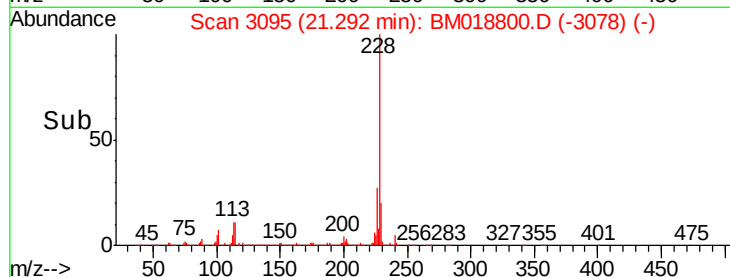
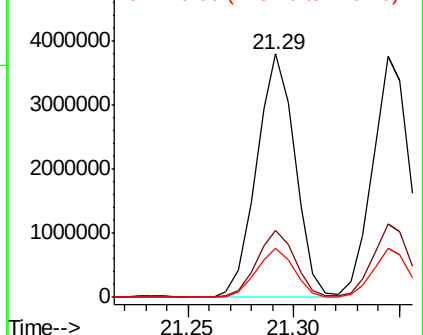
228 100

226 27.5 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: 44.178 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

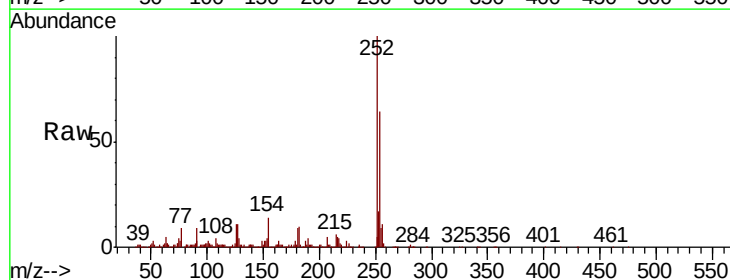
Tgt Ion:252 Resp: 1851636

Ion Ratio Lower Upper

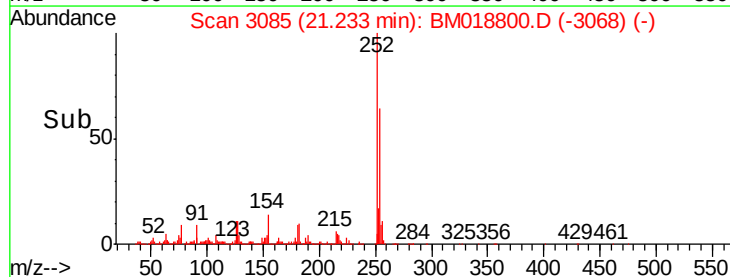
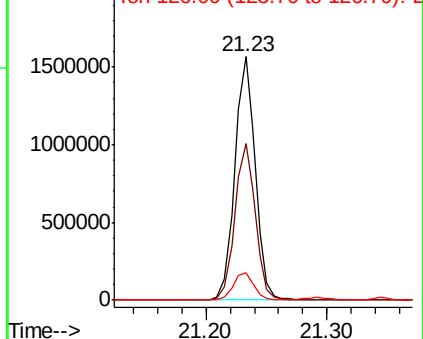
252 100

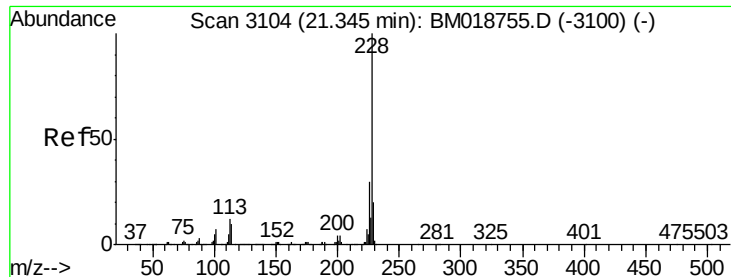
254 64.2 51.8 77.8

126 11.4 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

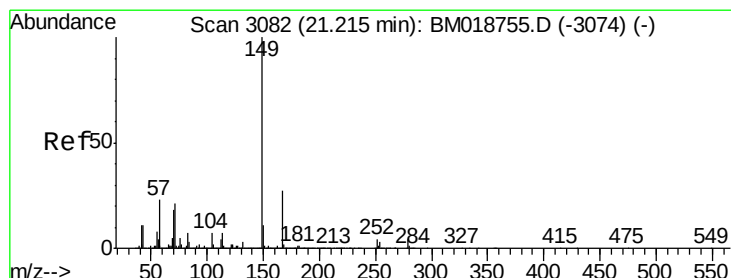
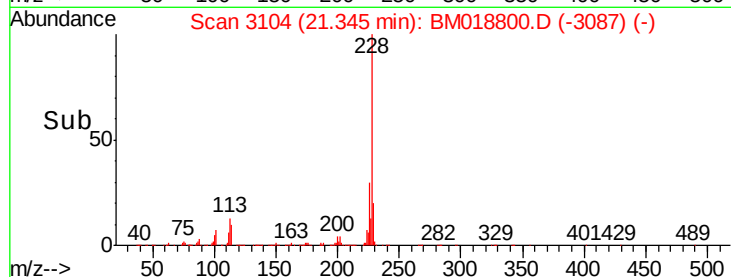
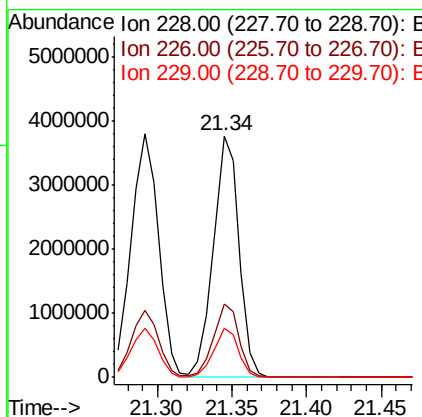
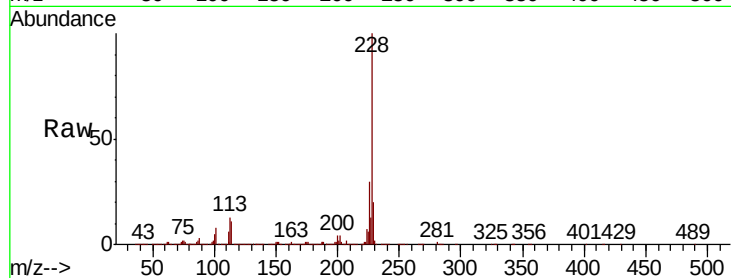




#83
Chrysene
Concen: 44.399 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

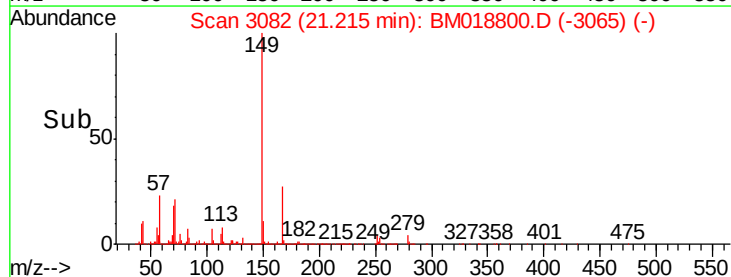
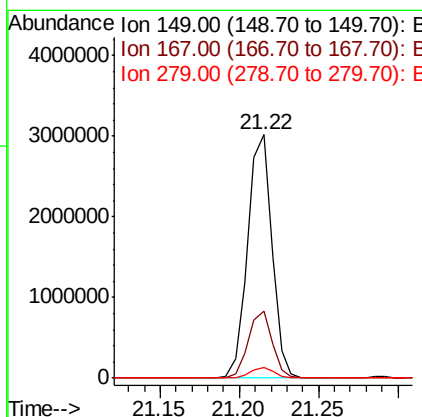
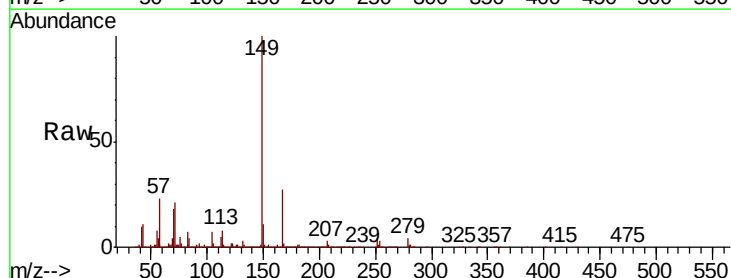
Instrument :
BNA_M
ClientSampleId :

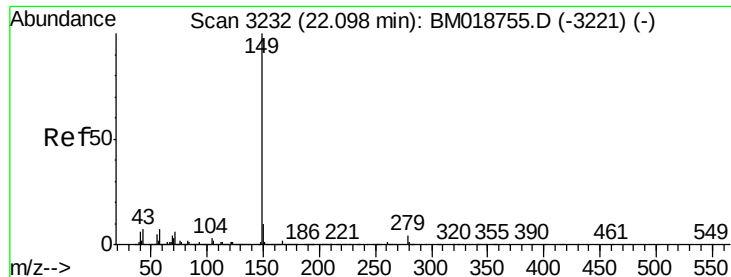
Tot Ion:228 Resp: 4513103
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 20.1 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.579 ng
RT: 21.22 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:149 Resp: 3212434
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.6
279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.036 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

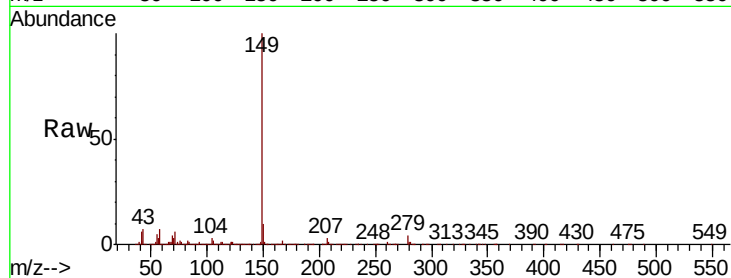
Tot Ion:149 Resp: 5571763

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

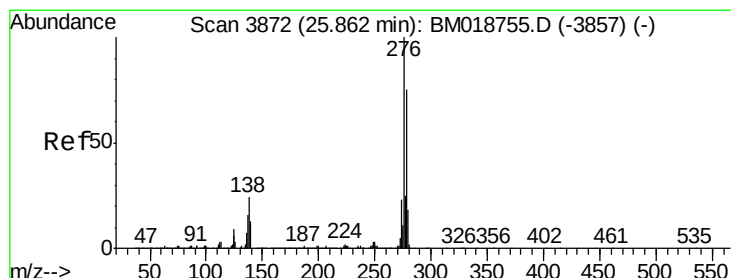
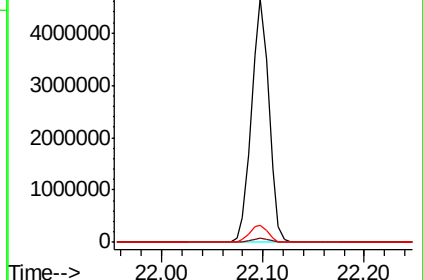
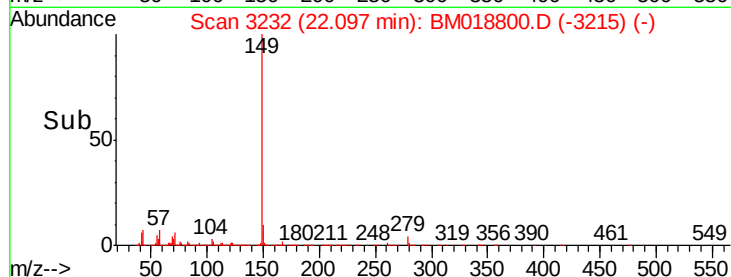
43 7.5 6.0 9.0



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: 41.743 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

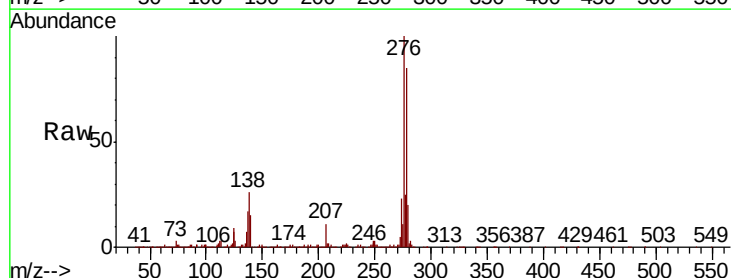
Tgt Ion:276 Resp: 4898850

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

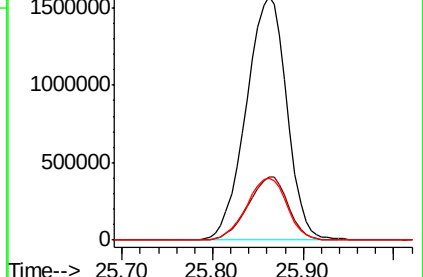
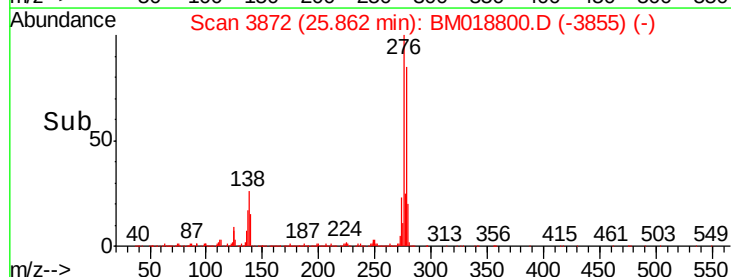
277 25.5 20.3 30.5

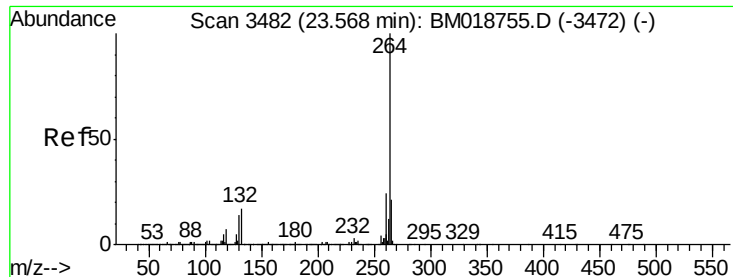


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.57 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampleId :

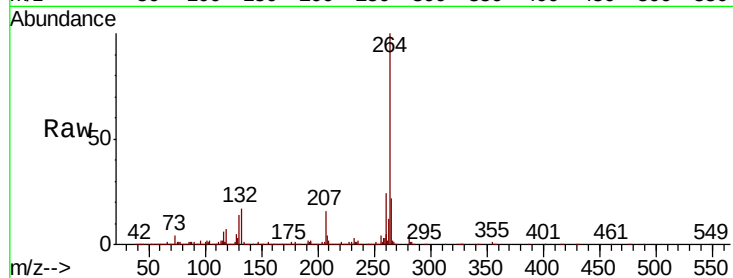
Tot Ion:264 Resp: 1797602

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.9	17.3	25.9

264 100

260 23.8 18.9 28.3

265 21.9 17.3 25.9

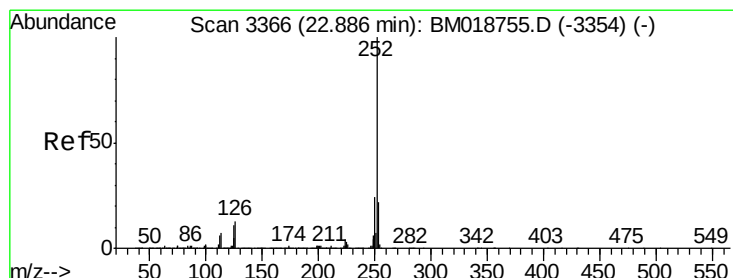
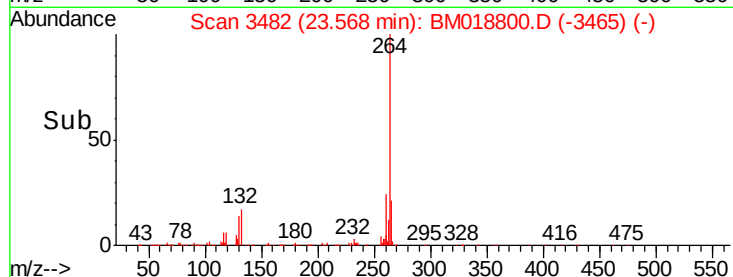
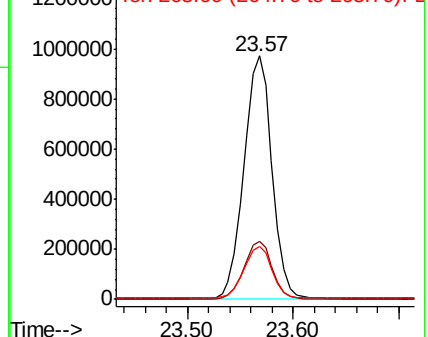


Abundance

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: 46.900 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

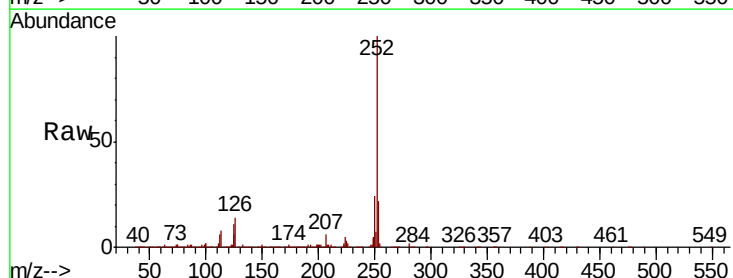
Tgt Ion:252 Resp: 4823547

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.0	8.6	12.8

252 100

253 22.3 17.8 26.6

125 11.0 8.6 12.8

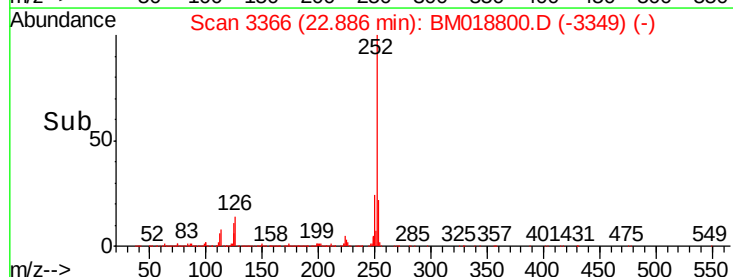
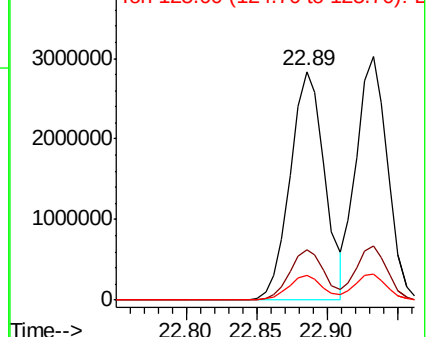


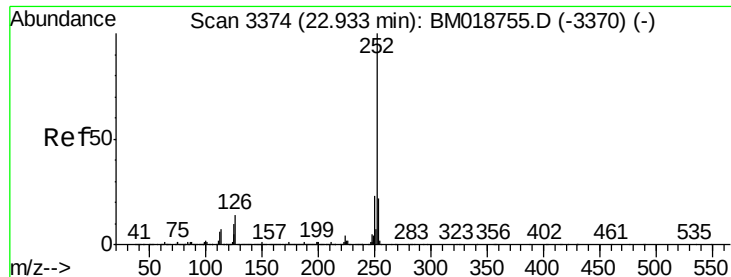
Abundance

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

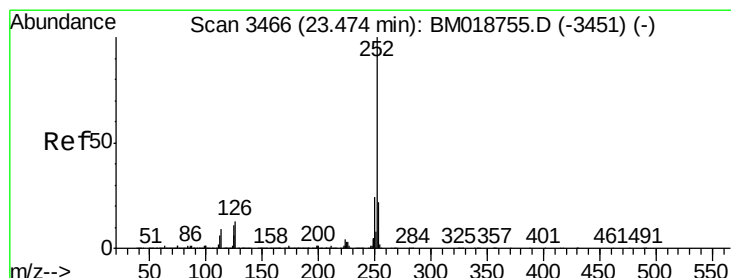
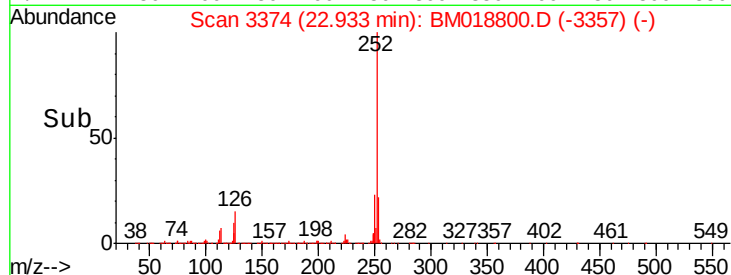
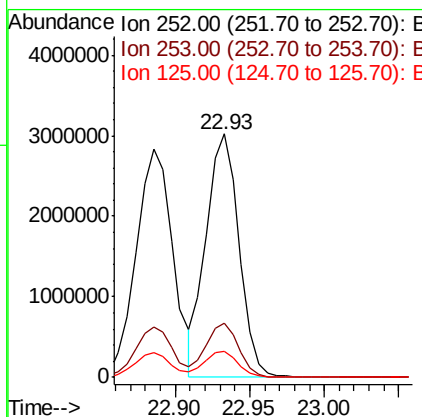
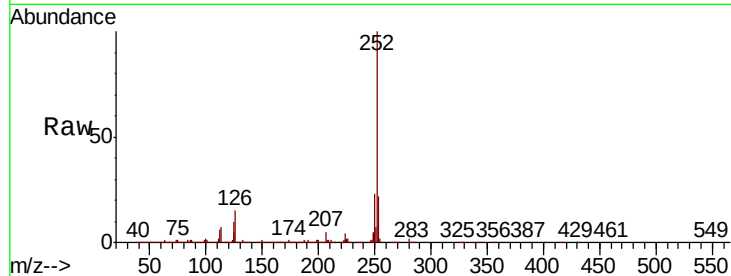




#89
Benzo(k)fluoranthene
Concen: 45.286 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

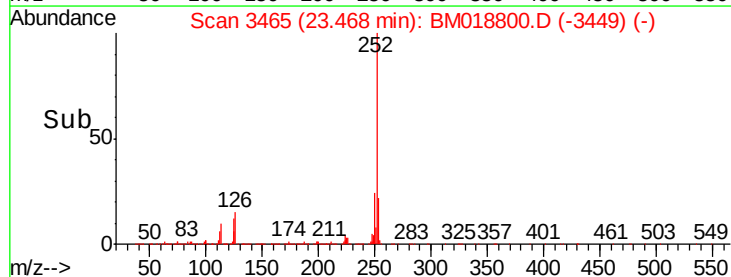
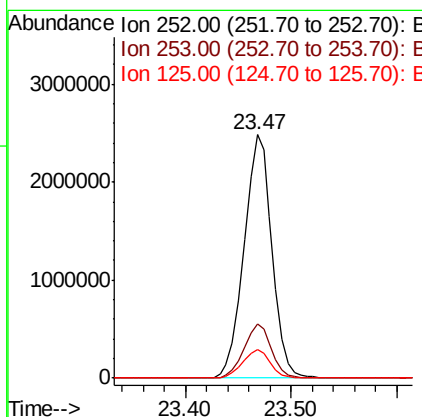
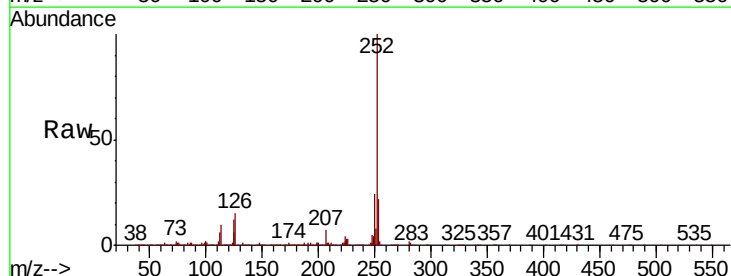
Instrument :
BNA_M
ClientSampleId :

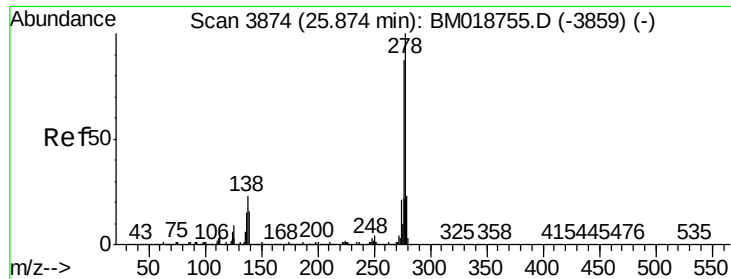
Tot Ion:252 Resp: 4636874
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.4 8.2 12.4



#90
Benzo(a)pyrene
Concen: 46.432 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM018800.D
Acq: 13 Feb 2019 11:21

Tgt Ion:252 Resp: 4523833
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.463 ng

RT: 25.87 min Scan# 3874

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

Instrument :

BNA_M

ClientSampled :

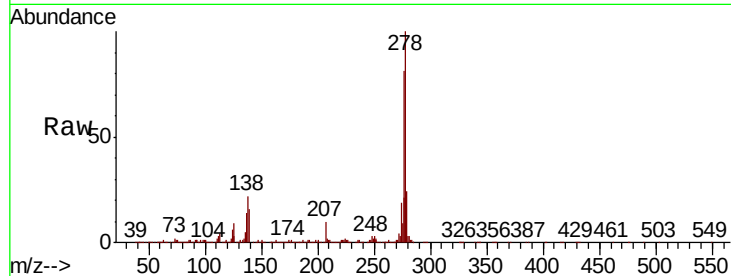
Tot Ion:278 Resp: 4195394

Ion Ratio Lower Upper

278 100

139 16.1 12.6 18.8

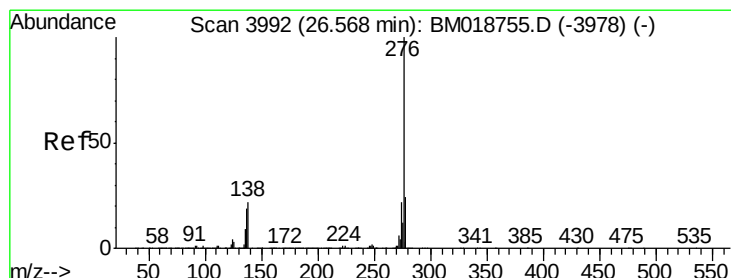
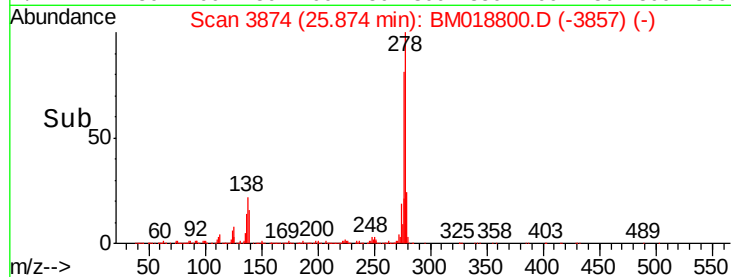
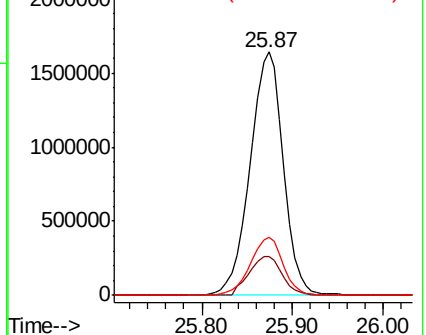
279 23.8 18.6 28.0



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: 42.493 ng

RT: 26.57 min Scan# 3992

Delta R.T. -0.00 min

Lab File: BM018800.D

Acq: 13 Feb 2019 11:21

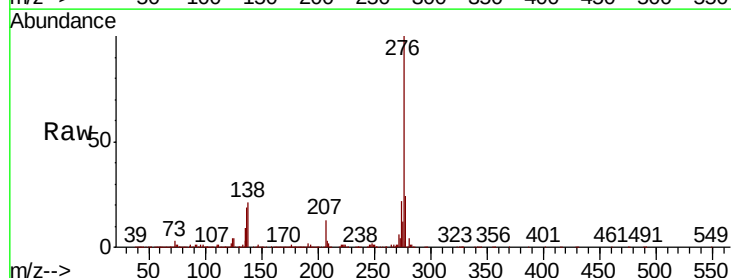
Tgt Ion:276 Resp: 3818597

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 21.1 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

