

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018854.D
 Acq On : 19 Feb 2019 13:32
 Operator : JU/SJ
 Sample : PB117208BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 17:02:32 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	7.70	152	290370	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1223117	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	700799	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1503920	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1352237	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1051008	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2863978	161.61	ng	0.00
7) Phenol-d6	6.89	99	3910213	156.62	ng	0.00
23) Nitrobenzene-d5	8.87	82	2131340	80.57	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1470745	145.59	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4143832	78.49	ng	-0.01
79) Terphenyl-d14	19.74	244	6539566	99.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	286687	37.142	ng	98
3) Pyridine	3.65	79	815304	38.724	ng	99
4) n-Nitrosodimethylamine	3.56	42	262455	49.000	ng	91
6) Aniline	7.05	93	1012048	33.085	ng	99
8) 2-Chlorophenol	7.27	128	885530	45.512	ng	99
9) Benzaldehyde	6.86	77	358721	23.278	ng	99
10) Phenol	6.91	94	1205826	45.903	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	823081	41.075	ng	99
12) 1,3-Dichlorobenzene	7.59	146	874766	39.983	ng	99
13) 1,4-Dichlorobenzene	7.74	146	894538	40.162	ng	99
14) 1,2-Dichlorobenzene	8.05	146	860940	40.240	ng	98
15) Benzyl Alcohol	7.96	79	859733	43.339	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	827649	42.675	ng	97
17) 2-Methylphenol	8.15	107	758526	45.368	ng	98
18) Hexachloroethane	8.77	117	329836	40.566	ng	97
19) n-Nitroso-di-n-propylamine	8.52	70	781964	40.452	ng	99
20) 3+4-Methylphenols	8.48	107	1029962	44.612	ng	99
22) Acetophenone	8.53	105	1305965	38.881	ng	# 98
24) Nitrobenzene	8.92	77	1134097	41.304	ng	100
25) Isophorone	9.43	82	1940643	45.979	ng	100
26) 2-Nitrophenol	9.62	139	457562	41.845	ng	97
27) 2,4-Dimethylphenol	9.67	122	782138	48.973	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1161190	42.544	ng	100
29) 2,4-Dichlorophenol	10.15	162	812298	44.296	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	832656	39.317	ng	98
31) Naphthalene	10.55	128	2591599	43.445	ng	99
32) Benzoic acid	9.83	122	511513	36.717	ng	97
33) 4-Chloroaniline	10.67	127	492602	18.473	ng	99
34) Hexachlorobutadiene	10.80	225	450789	36.672	ng	98
35) Caprolactam	11.49	113	214926	28.718	ng	92
36) 4-Chloro-3-methylphenol	11.79	107	937156	42.387	ng	99
37) 2-Methylnaphthalene	12.16	142	1882586	44.825	ng	98
38) 1-Methylnaphthalene	12.38	142	1801559	43.866	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	879957	39.252	ng	99

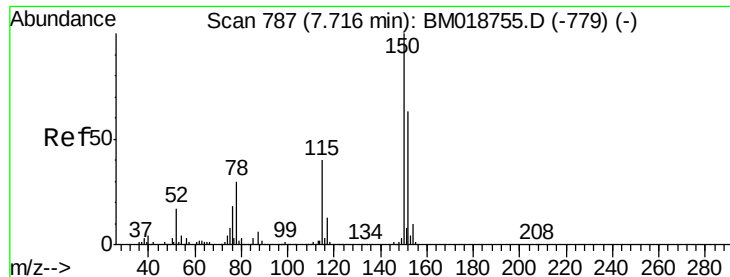
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	995932	86.893	ng	98
43) 2,4,6-Trichlorophenol	12.78	196	630807	42.505	ng	99
44) 2,4,5-Trichlorophenol	12.84	196	667257	42.897	ng	96
46) 1,1'-Biphenyl	13.19	154	2404007	39.852	ng	99
47) 2-Chloronaphthalene	13.23	162	1871095	40.158	ng	99
48) 2-Nitroaniline	13.45	65	653618	42.239	ng	98
49) Acenaphthylene	14.08	152	3030009	43.674	ng	99
50) Dimethylphthalate	13.82	163	2344356	40.140	ng	99
51) 2,6-Dinitrotoluene	13.95	165	524789	41.480	ng	98
52) Acenaphthene	14.42	154	1738002	40.855	ng	100
53) 3-Nitroaniline	14.28	138	365034	25.536	ng	95
54) 2,4-Dinitrophenol	14.49	184	520608	65.941	ng	98
55) Dibenzofuran	14.76	168	2817589	40.296	ng	99
56) 4-Nitrophenol	14.59	139	875617	76.732	ng	98
57) 2,4-Dinitrotoluene	14.74	165	723538	41.507	ng	98
58) Fluorene	15.41	166	2287916	42.771	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	584779	42.532	ng	97
60) Diethylphthalate	15.19	149	2408289	39.974	ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1130177	37.682	ng	99
62) 4-Nitroaniline	15.45	138	488812	34.879	ng	98
63) Azobenzene	15.70	77	2656696	41.127	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	363509	34.426	ng	99
66) n-Nitrosodiphenylamine	15.62	169	1982386	41.721	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	666230	39.577	ng	97
68) Hexachlorobenzene	16.40	284	767973	39.249	ng	97
69) Atrazine	16.58	200	671394	43.830	ng	98
70) Pentachlorophenol	16.75	266	948555	75.290	ng	99
71) Phenanthrene	17.15	178	3473428	42.976	ng	100
72) Anthracene	17.24	178	3502904	44.528	ng	99
73) Carbazole	17.52	167	3129826	38.081	ng	99
74) Di-n-butylphthalate	18.07	149	4019708	42.526	ng	100
75) Fluoranthene	19.17	202	3775792	40.443	ng	98
77) Benzidine	19.37	184	1168882	38.382	ng	100
78) Pyrene	19.53	202	3859415	49.142	ng	100
80) Butylbenzylphthalate	20.44	149	1766838	49.364	ng	99
81) Benzo(a)anthracene	21.29	228	3446236	43.720	ng	99
82) 3,3'-Dichlorobenzidine	21.22	252	954390	30.636	ng	98
83) Chrysene	21.34	228	3230357	42.757	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2503864	47.797	ng	98
85) Di-n-octyl phthalate	22.09	149	4158082	47.227	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	3256922	37.338	ng	99
88) Benzo(b)fluoranthene	22.87	252	3026078	50.324	ng	99
89) Benzo(k)fluoranthene	22.91	252	3085248	51.536	ng	99
90) Benzo(a)pyrene	23.46	252	2858540	50.181	ng	98
91) Dibenzo(a,h)anthracene	25.84	278	2794597	49.517	ng	99
92) Benzo(g,h,i)perylene	26.53	276	2646354	50.367	ng	99

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

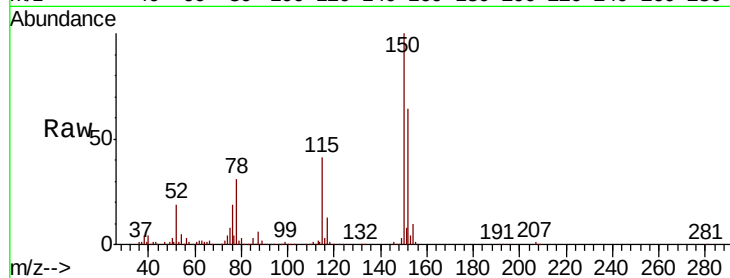


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.3	190.9
115	63.7	50.8	76.2

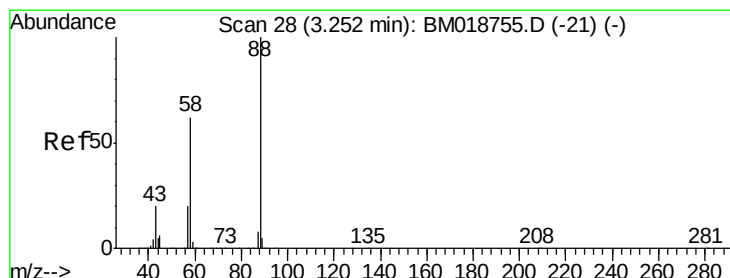
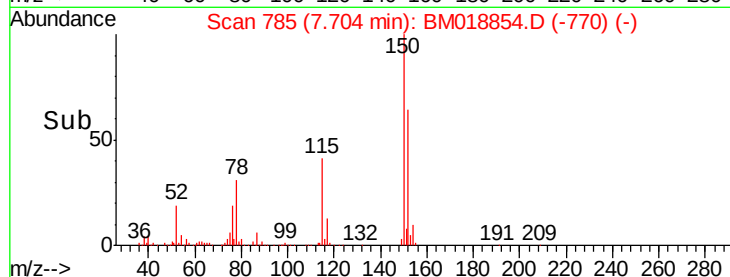
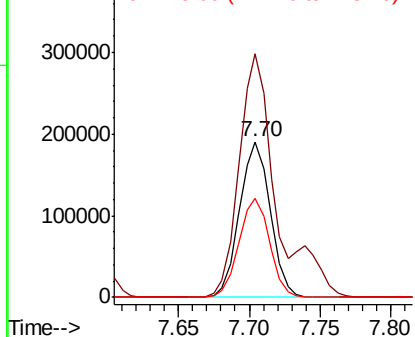


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

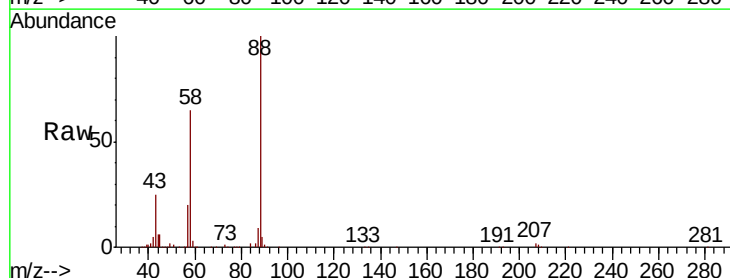
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.142 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.8	49.8	74.6
43	21.7	16.7	25.1

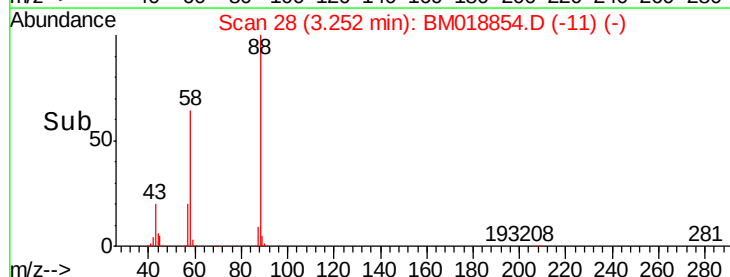
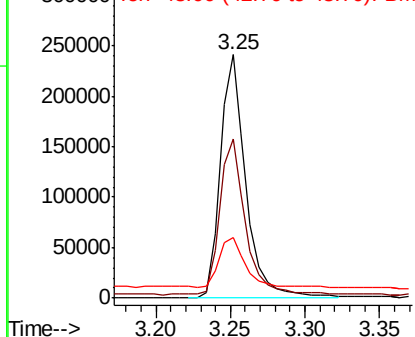


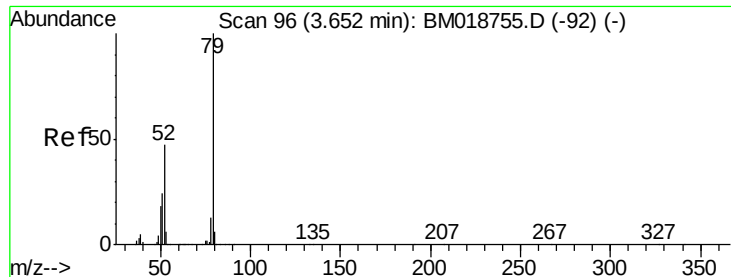
Abundance

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: 38.724 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

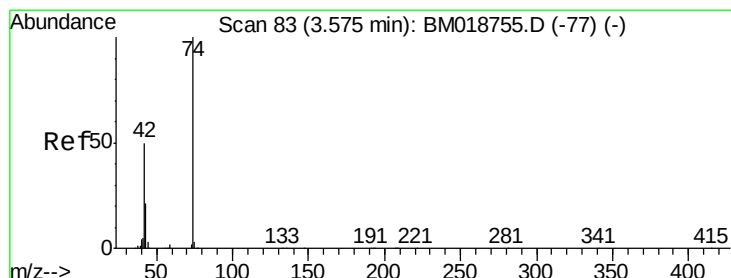
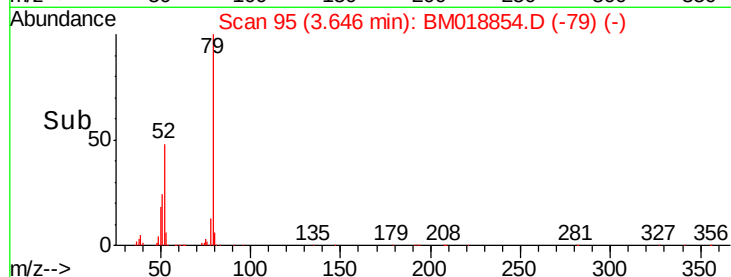
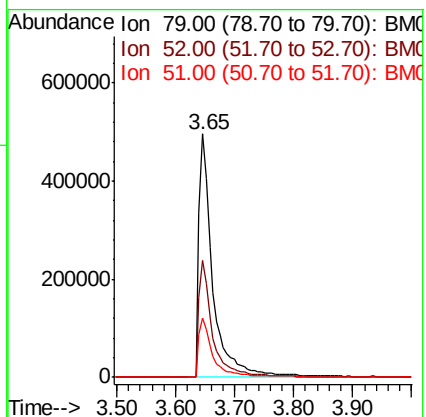
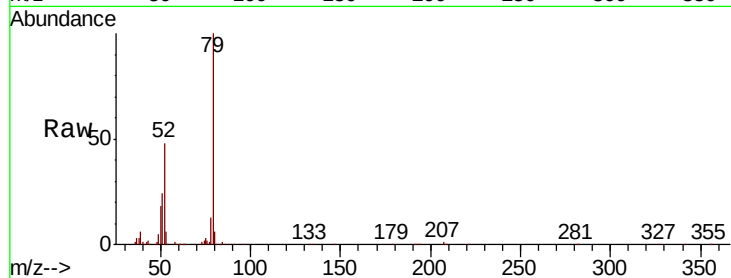
Tot Ion: 79 Resp: 815304

Ion Ratio Lower Upper

79 100

52 47.8 37.6 56.4

51 24.4 19.7 29.5



#4

n-Nitrosodimethylamine

Concen: 49.000 ng

RT: 3.56 min Scan# 81

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

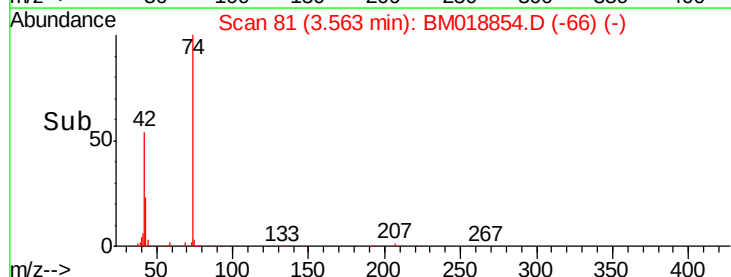
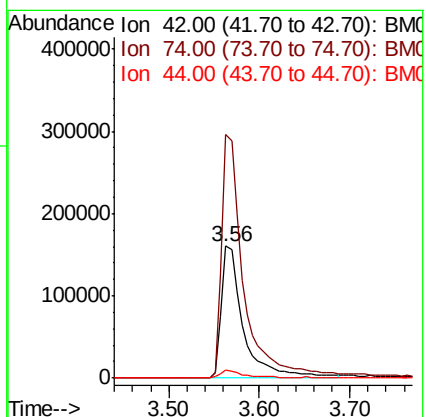
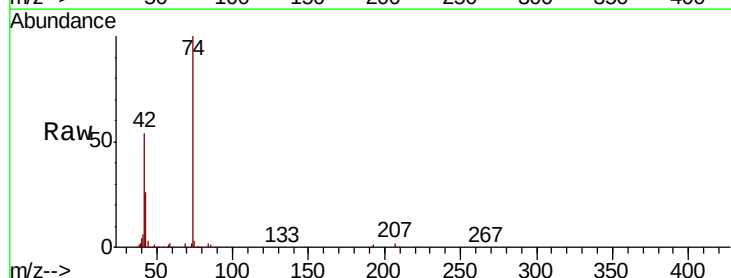
Tgt Ion: 42 Resp: 262455

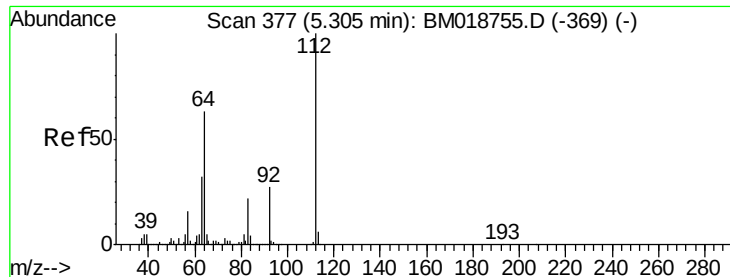
Ion Ratio Lower Upper

42 100

74 184.3 158.1 237.1

44 6.0 4.9 7.3





#5

2-Fluorophenol

Concen: 161.606 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

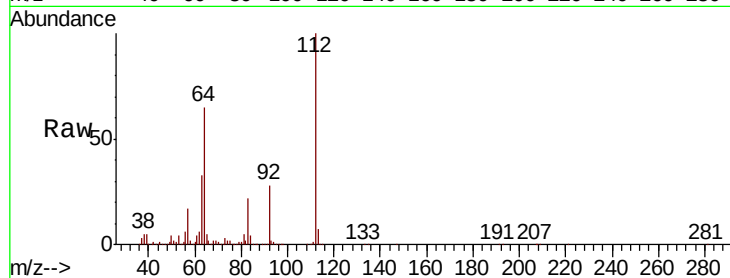
Tot Ion:112 Resp: 2863978

Ion Ratio Lower Upper

112 100

64 64.8 50.6 75.8

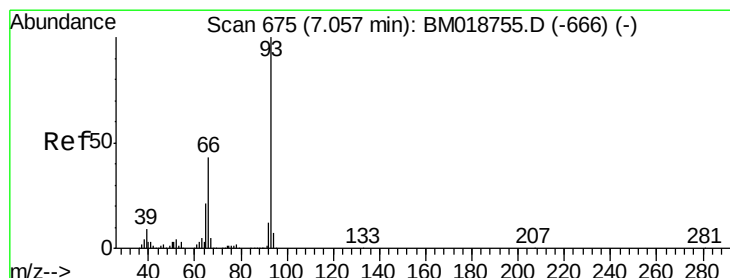
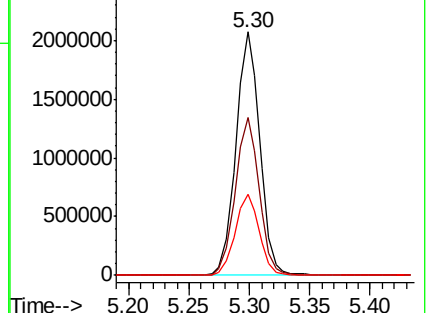
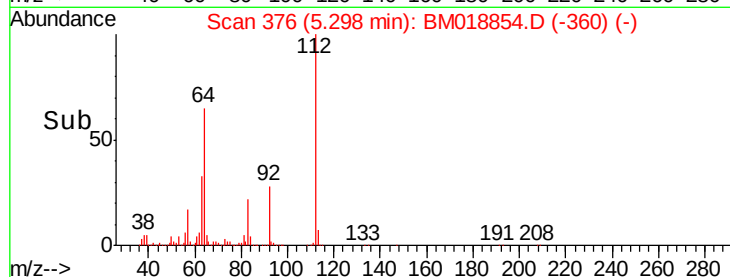
63 33.1 25.7 38.5



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: 33.085 ng

RT: 7.05 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

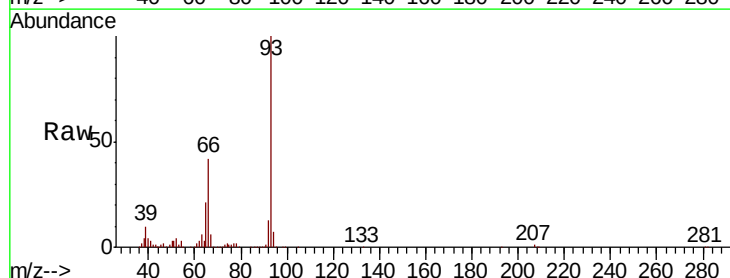
Tgt Ion: 93 Resp: 1012048

Ion Ratio Lower Upper

93 100

66 42.4 34.1 51.1

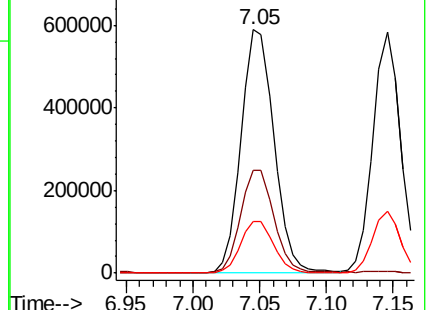
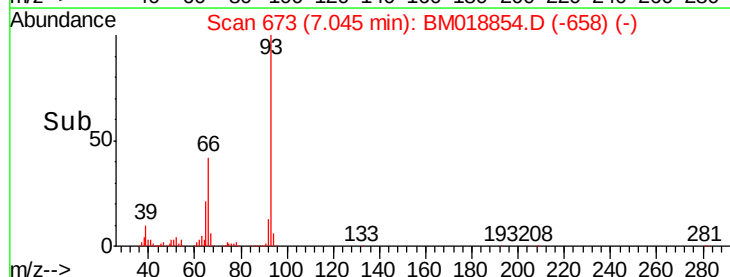
65 21.4 16.6 24.8

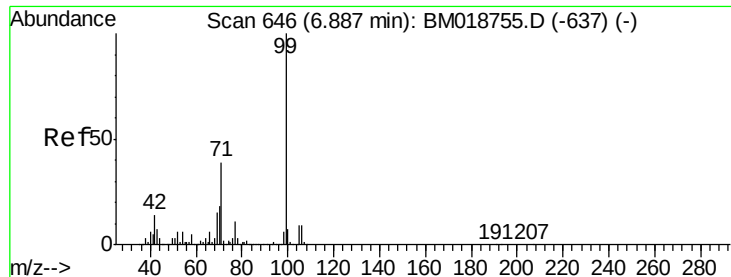


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 156.622 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

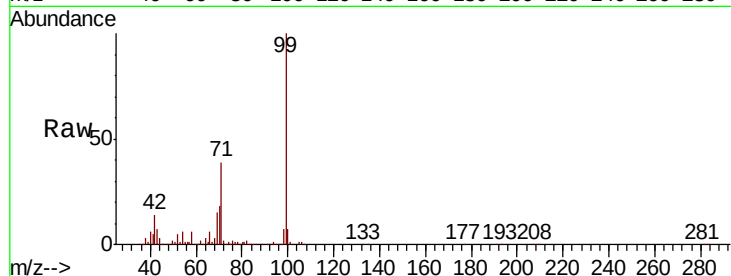
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 3910213

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.6
71	39.4	31.3	46.9

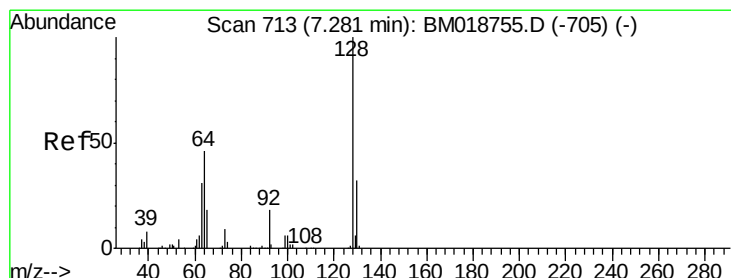
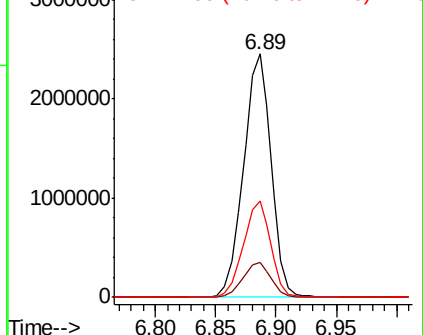
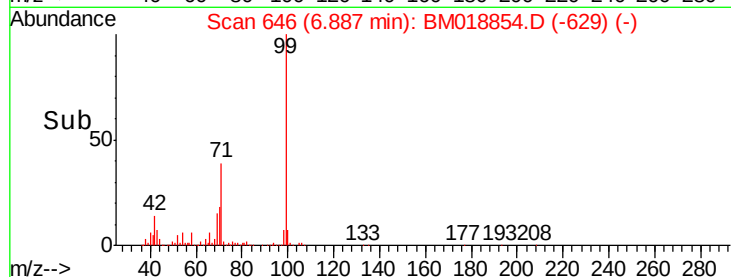


Abundance

Ion 99.00 (98.70 to 99.70): BM018854.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018854.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018854.D (-629) (-)



#8

2-Chlorophenol

Concen: 45.512 ng

RT: 7.27 min Scan# 712

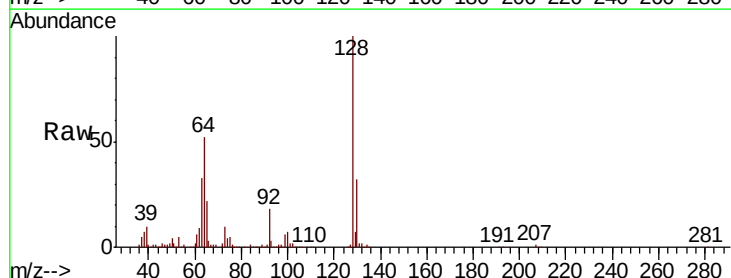
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion: 128 Resp: 885530

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.7	51.7
64	52.1	31.0	71.0

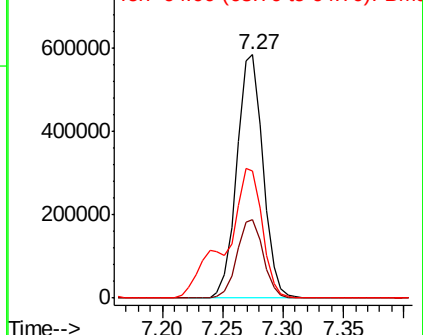
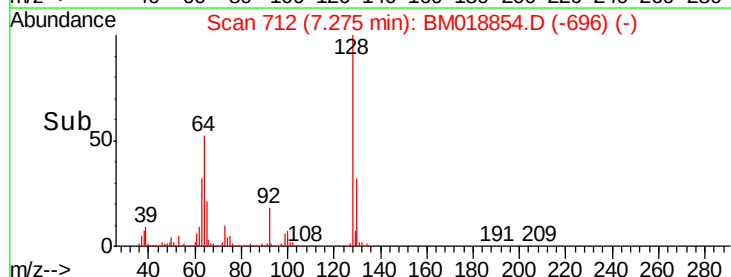


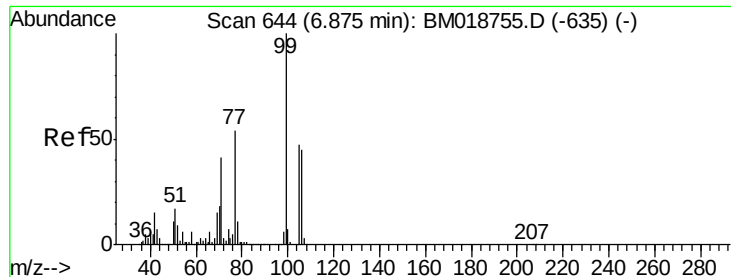
Abundance

Ion 128.00 (127.70 to 128.70): BM018854.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018854.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018854.D (-696) (-)





#9

Benzaldehyde

Concen: 23.278 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampled :

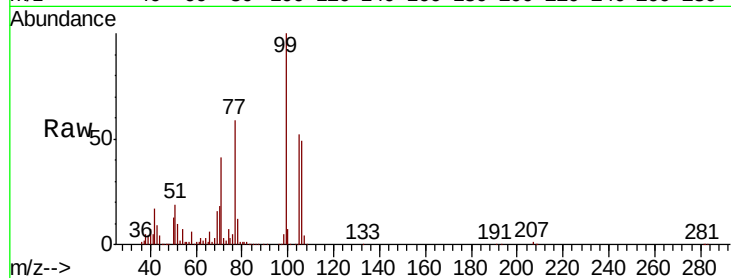
Tot Ion: 77 Resp: 358721

Ion Ratio Lower Upper

77 100

105 87.2 67.3 107.3

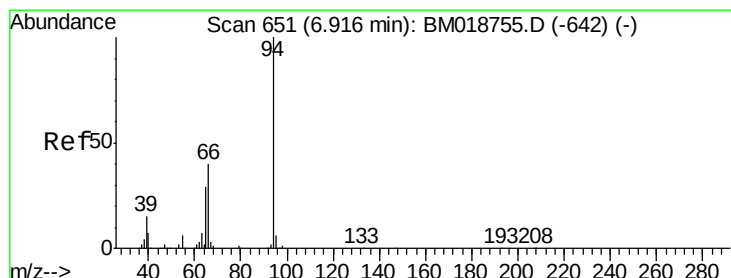
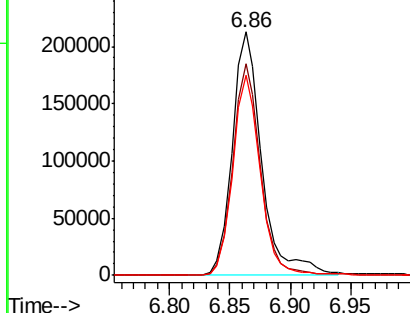
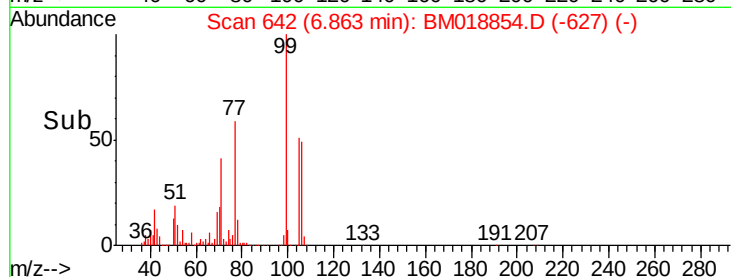
106 82.0 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018854.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018854.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018854.D (-627) (-)



#10

Phenol

Concen: 45.903 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

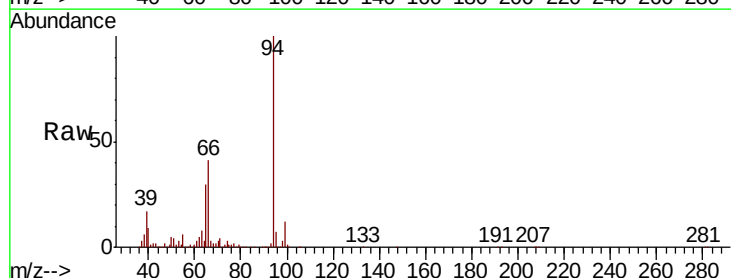
Tgt Ion: 94 Resp: 1205826

Ion Ratio Lower Upper

94 100

65 30.5 9.6 49.6

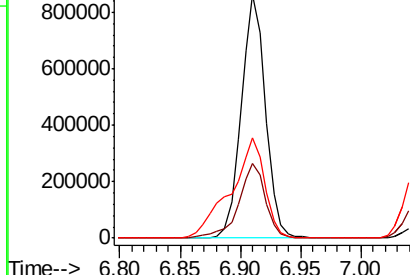
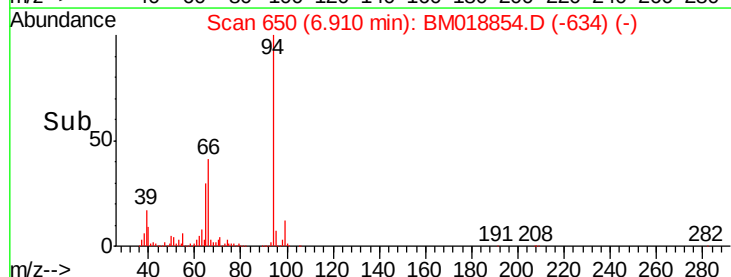
66 41.1 20.4 60.4

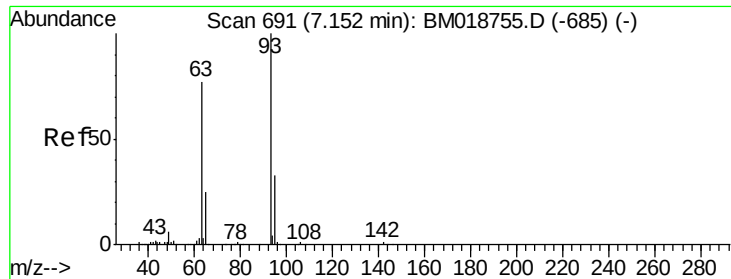


Abundance Ion 94.00 (93.70 to 94.70): BM018854.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018854.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018854.D (-634) (-)

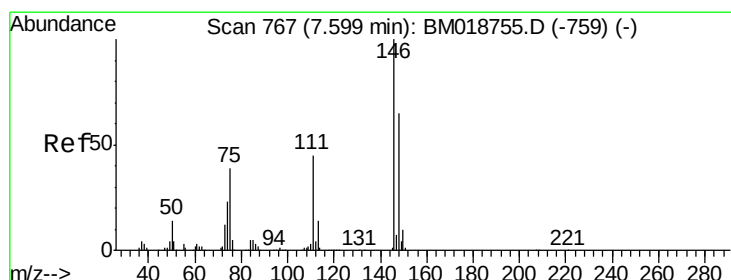
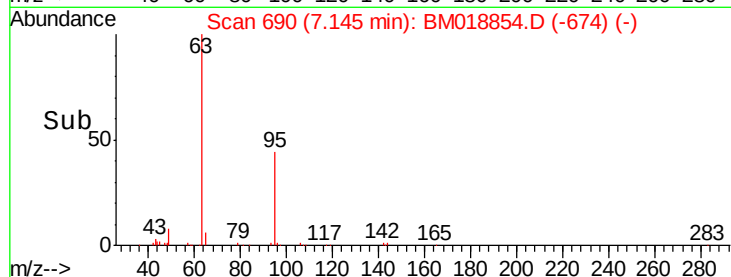
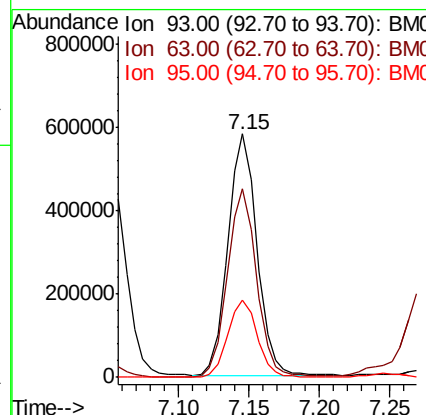
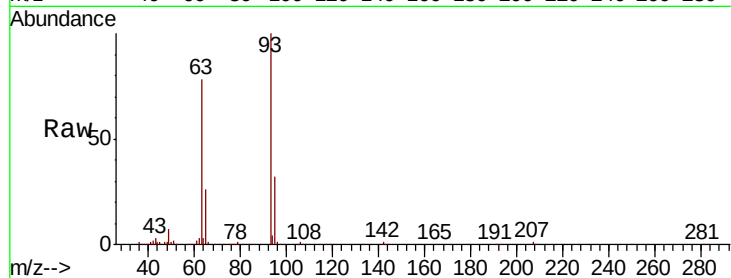




#11
bis(2-Chloroethyl)ether
Concen: 41.075 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

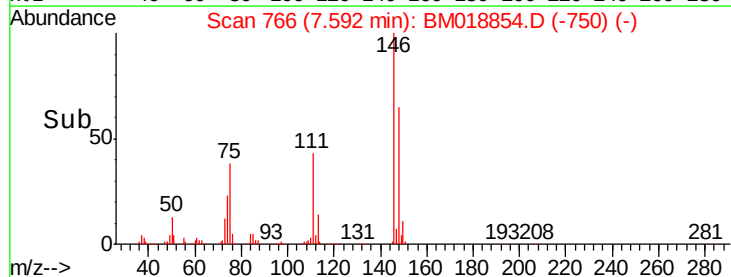
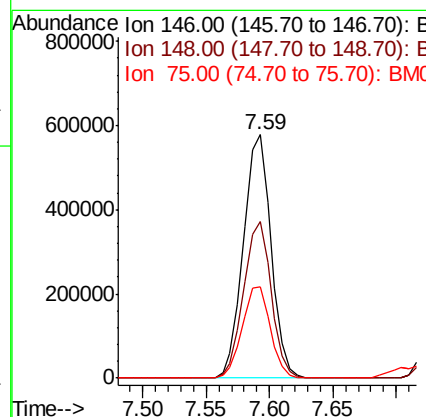
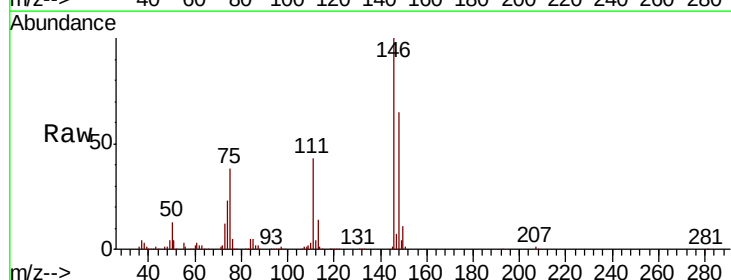
Instrument :
BNA_M
ClientSampleId :

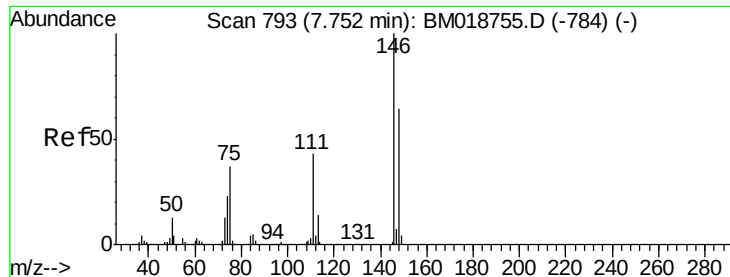
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.5	57.0	97.0
95	32.0	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 39.983 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	37.7	31.3	46.9

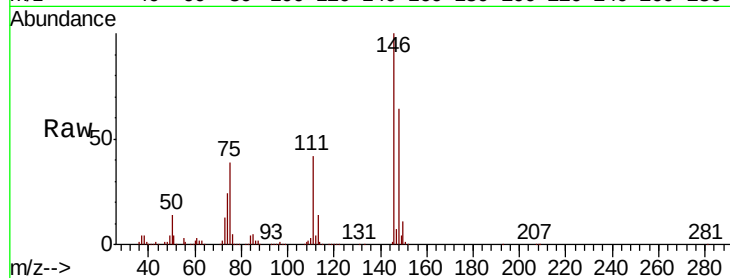




#13
 1,4-Dichlorobenzene
 Concen: 40.162 ng
 RT: 7.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	42.4	34.6	52.0

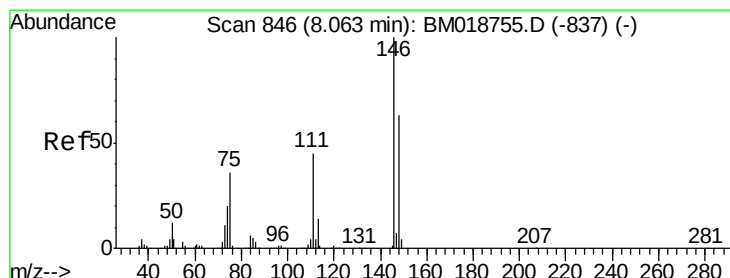
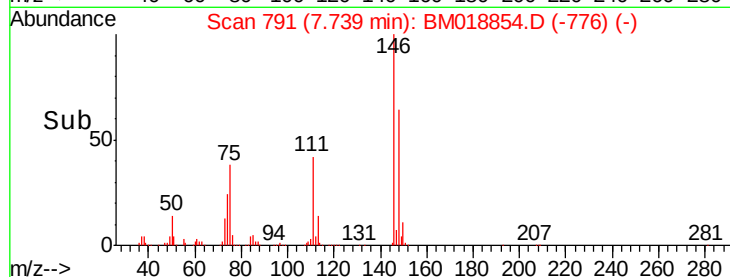
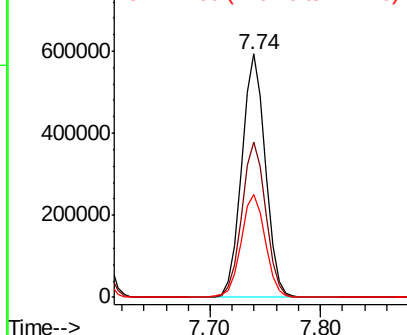


Abundance

Ion 146.00 (145.70 to 146.70): E

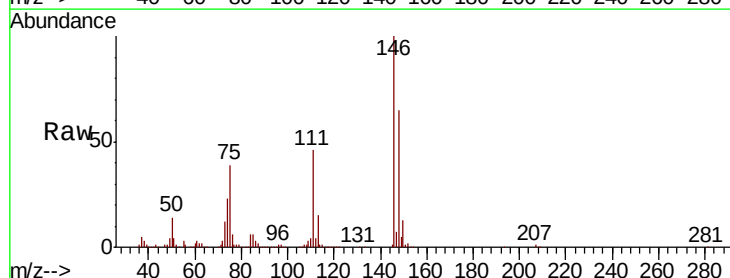
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.240 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.7	76.1
111	45.9	35.9	53.9

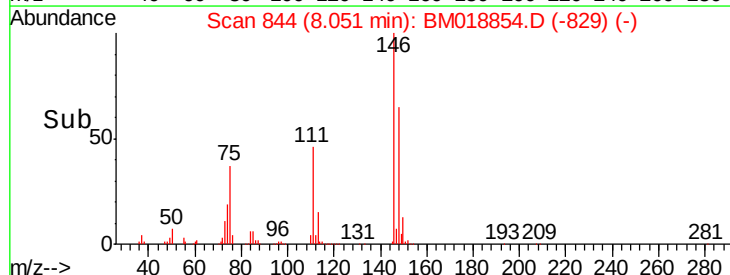
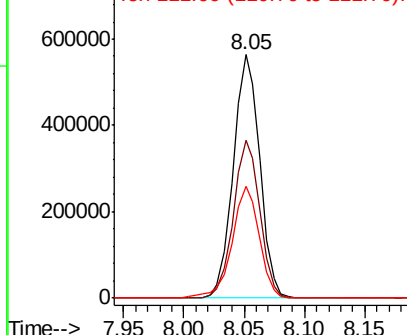


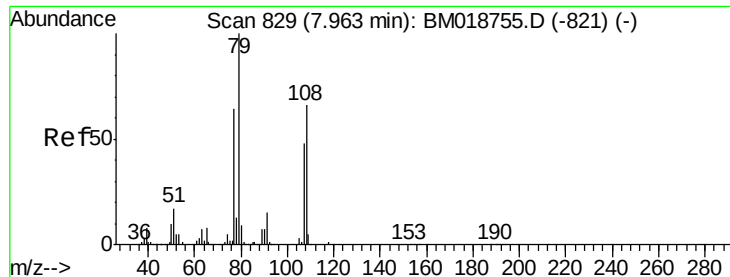
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.339 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

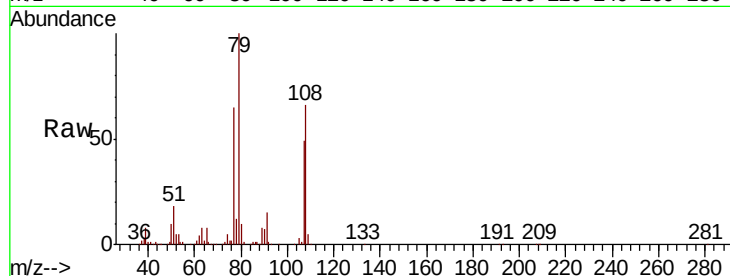
Tot Ion: 79 Resp: 859733

Ion Ratio Lower Upper

79 100

108 66.0 52.7 79.1

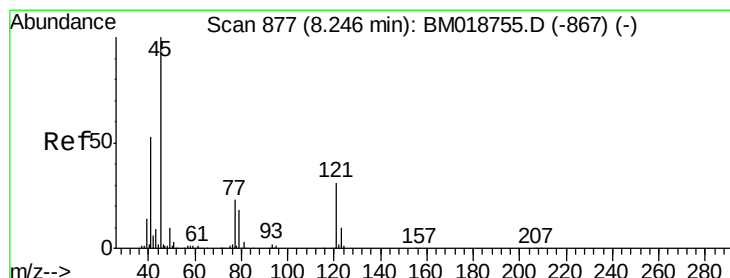
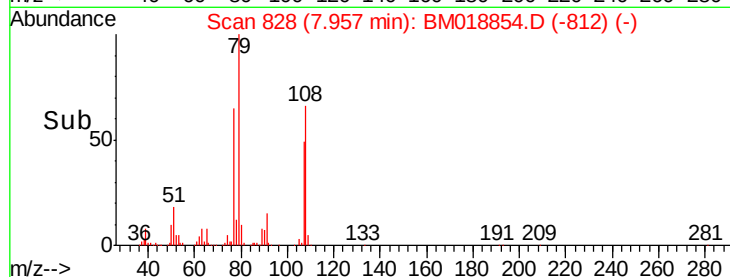
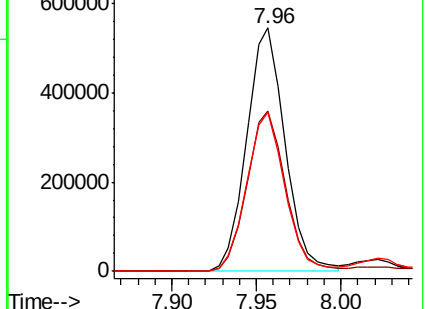
77 65.4 51.0 76.4



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

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

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.675 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

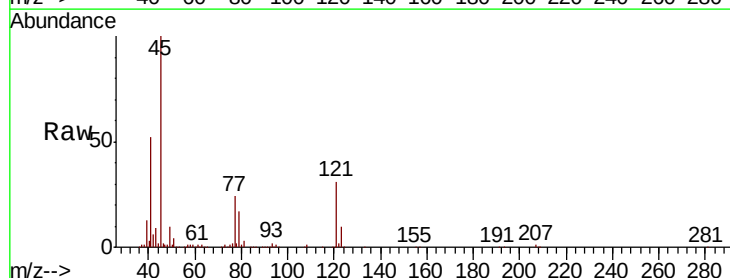
Tgt Ion: 45 Resp: 827649

Ion Ratio Lower Upper

45 100

77 23.9 5.0 45.0

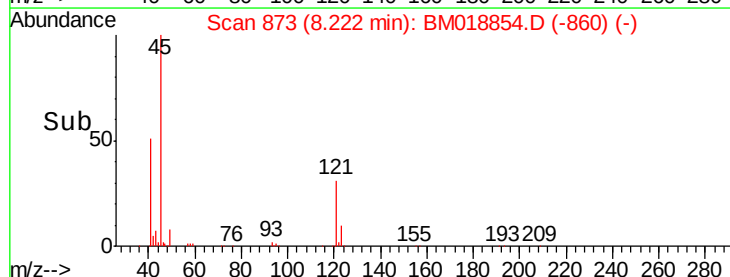
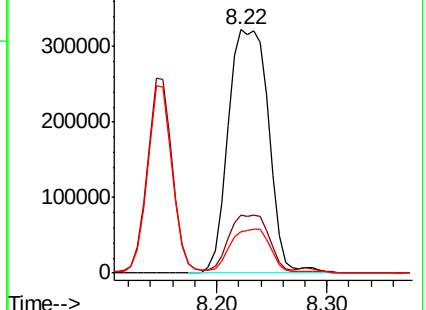
79 17.0 0.0 39.3

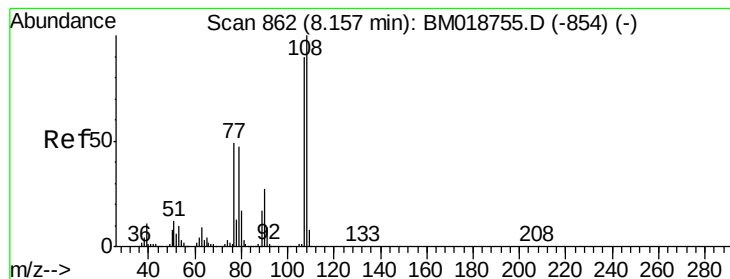


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

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

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





#17

2-Methylphenol

Concen: 45.368 ng

RT: 8.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 758526

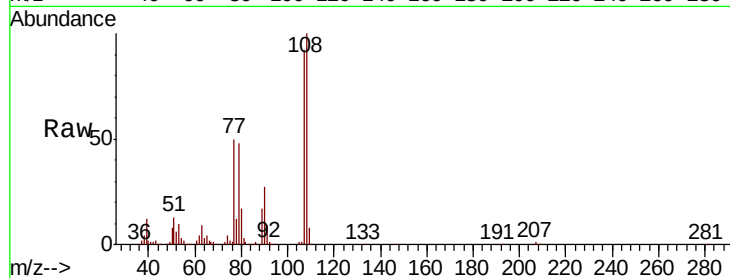
Ion Ratio Lower Upper

107 100

108 109.0 88.8 133.2

77 54.2 44.0 66.0

79 51.8 42.4 63.6

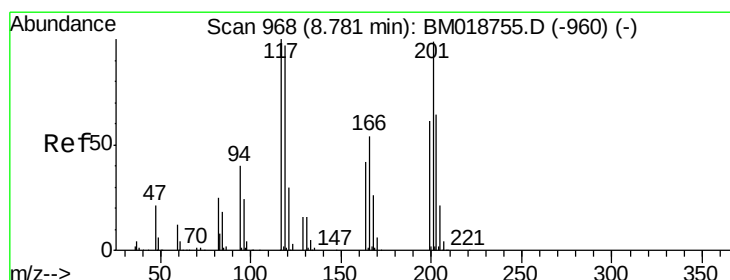
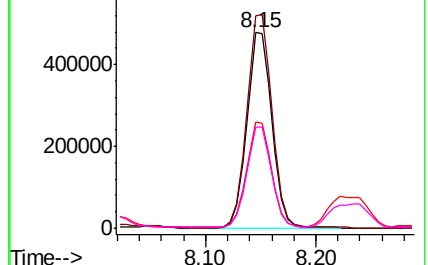
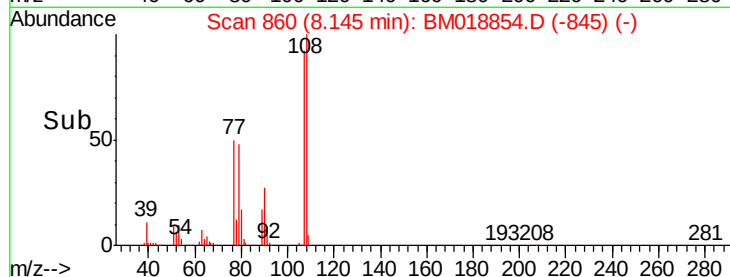


Abundance Ion 107.00 (106.70 to 107.70): E

800000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 40.566 ng

RT: 8.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

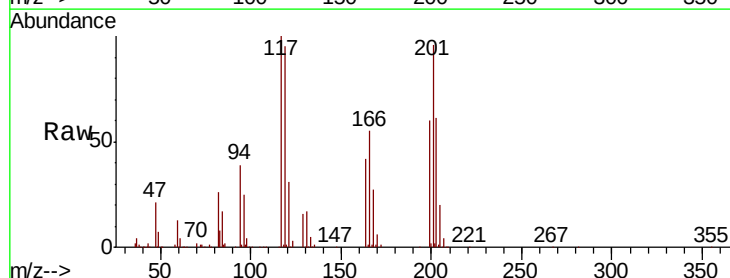
Tgt Ion:117 Resp: 329836

Ion Ratio Lower Upper

117 100

119 94.9 77.9 116.9

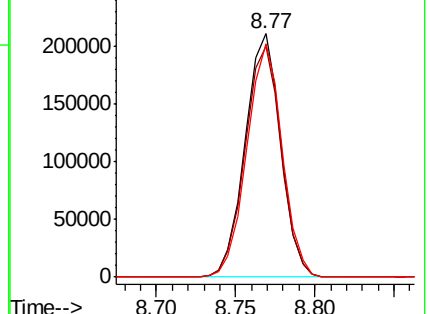
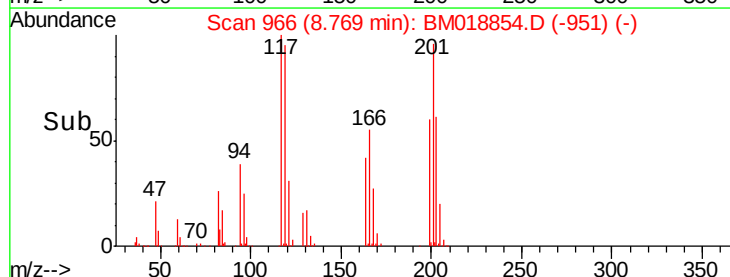
201 96.0 79.2 118.8

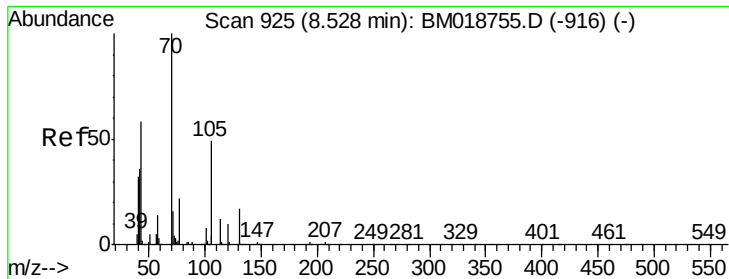


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

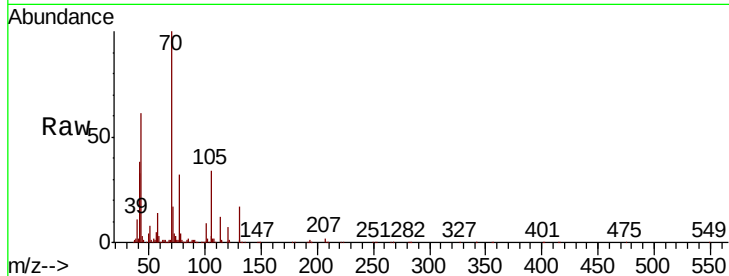




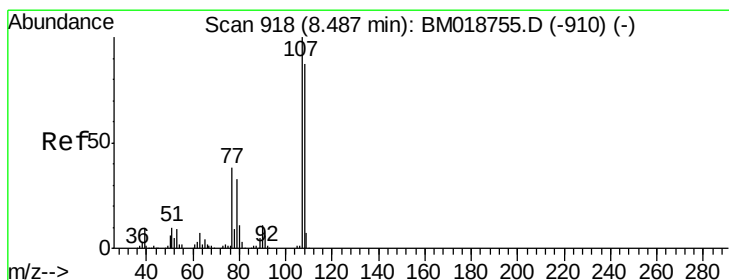
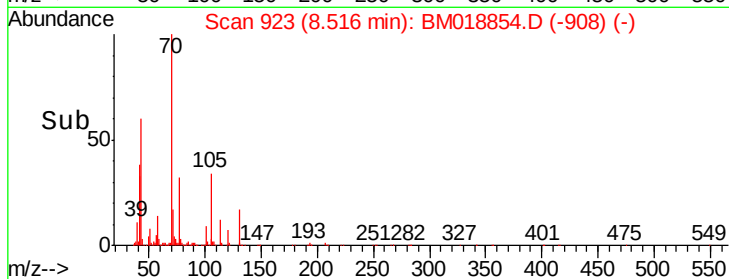
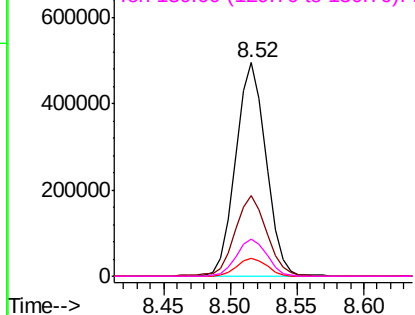
#19
 n-Nitroso-di-n-propylamine
 Concen: 40.452 ng
 RT: 8.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 70 Resp: 781964
 Ion Ratio Lower Upper
 70 100
 42 37.8 29.4 44.0
 101 8.7 6.7 10.1
 130 17.2 14.0 21.0

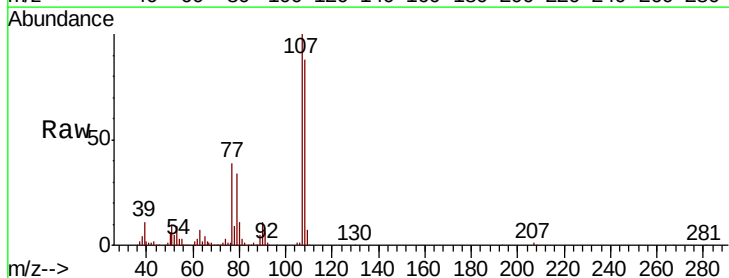


Abundance Ion 70.00 (69.70 to 70.70): BM018854.D (-908) (-)
 Ion 42.00 (41.70 to 42.70): BM018854.D (-908) (-)
 Ion 101.00 (100.70 to 101.70): BM018854.D (-908) (-)
 Ion 130.00 (129.70 to 130.70): BM018854.D (-908) (-)

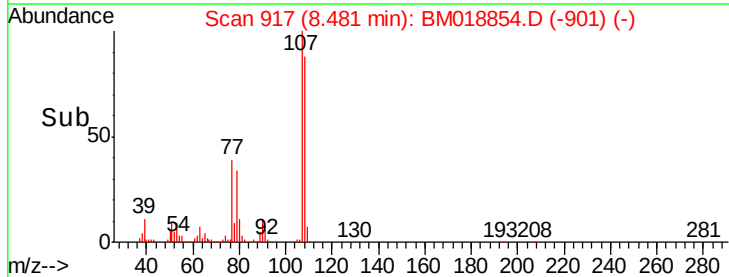
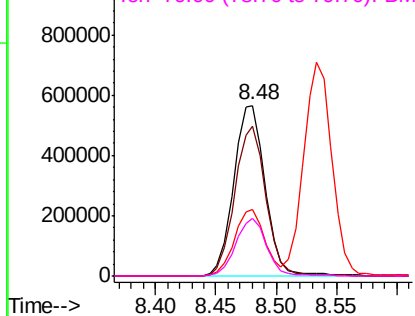


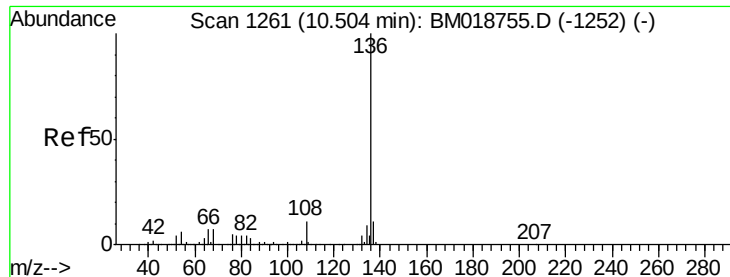
#20
 3+4-Methylphenols
 Concen: 44.612 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion: 107 Resp: 1029962
 Ion Ratio Lower Upper
 107 100
 108 88.2 67.3 107.3
 77 38.9 18.0 58.0
 79 33.6 12.8 52.8



Abundance Ion 107.00 (106.70 to 107.70): BM018854.D (-901) (-)
 Ion 108.00 (107.70 to 108.70): BM018854.D (-901) (-)
 Ion 77.00 (76.70 to 77.70): BM018854.D (-901) (-)
 Ion 79.00 (78.70 to 79.70): BM018854.D (-901) (-)

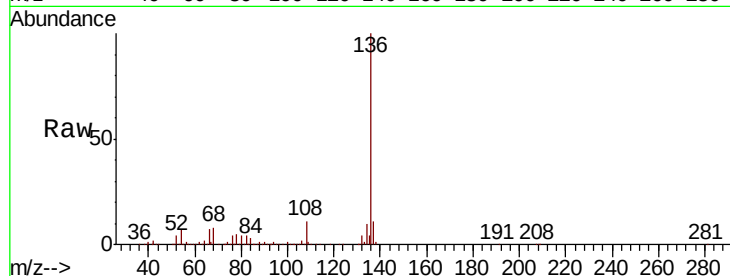




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 1223117
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 6.7	5.0 7.6
68 7.6	5.5 8.3



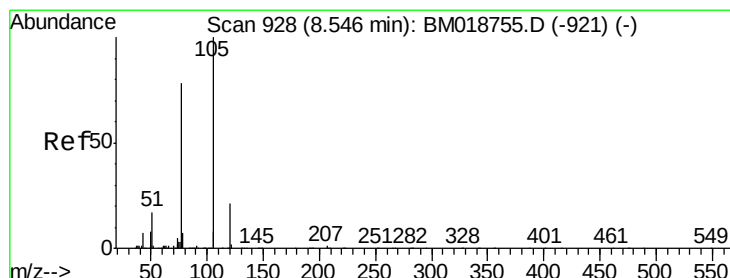
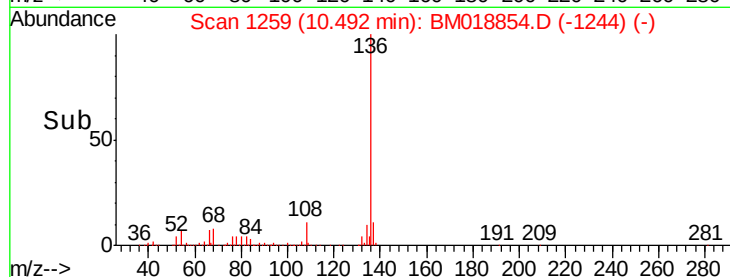
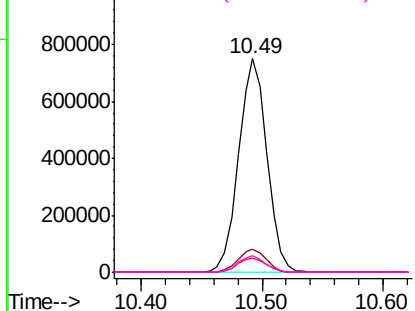
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

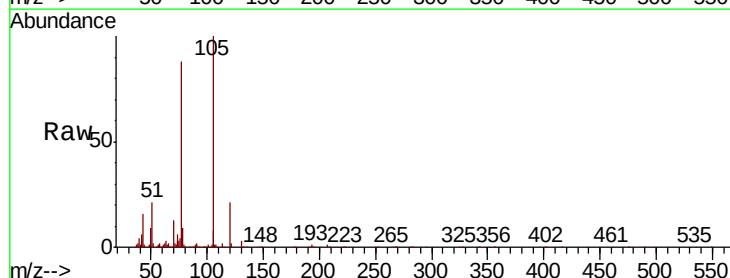
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 38.881 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt	Ion:105	Resp:	1305965
Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.1	1.7#
51	20.8	15.5	23.3
120	21.1	17.0	25.4



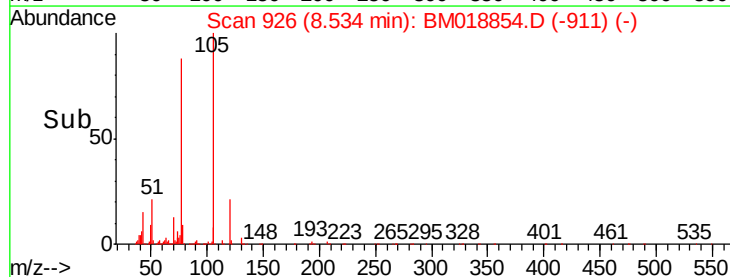
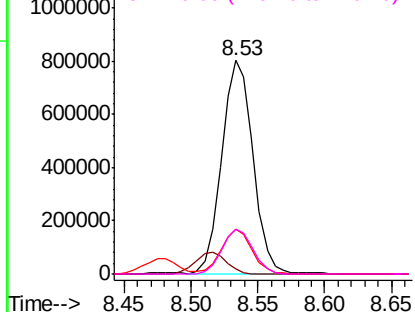
Abundance

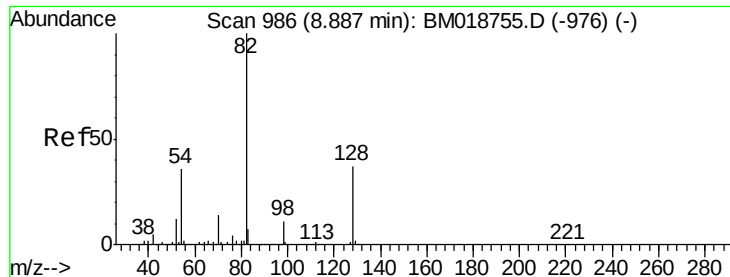
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

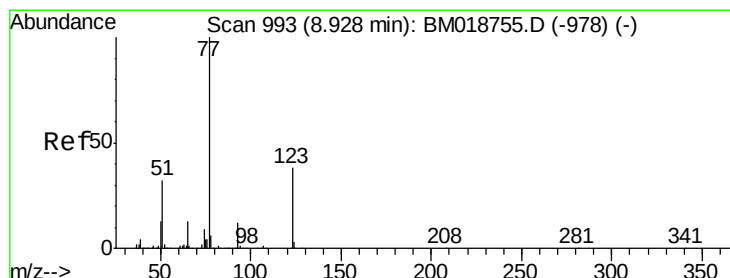
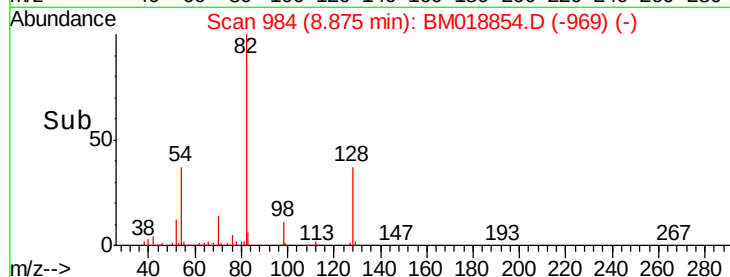
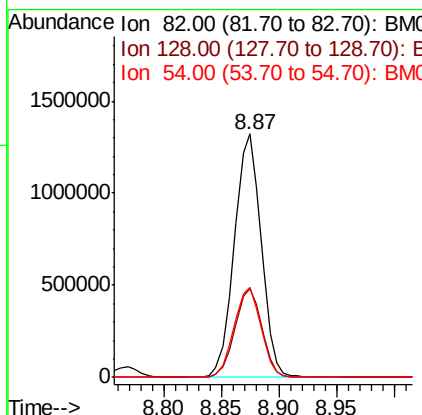
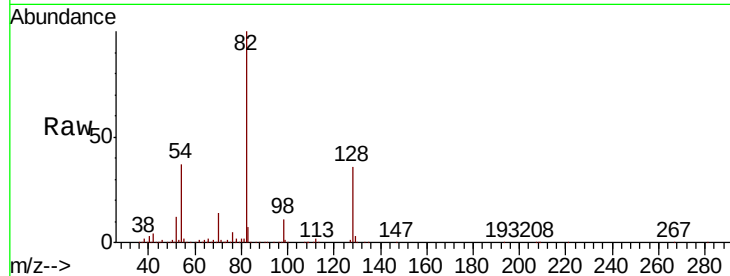




#23
 Nitrobenzene-d5
 Concen: 80.573 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

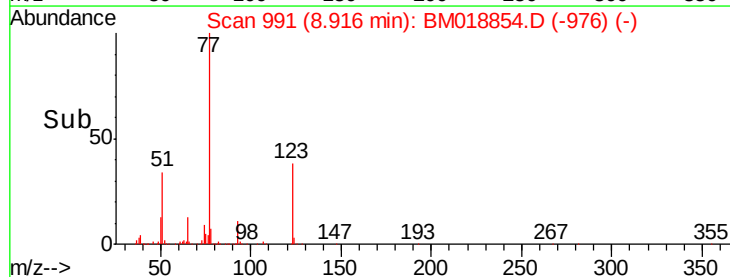
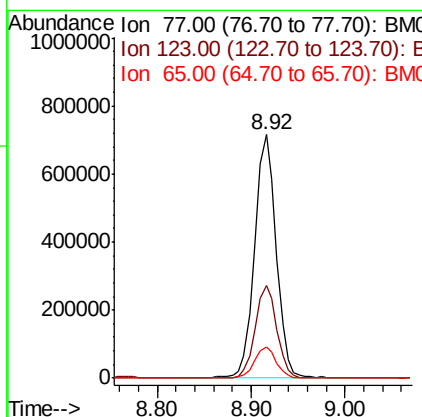
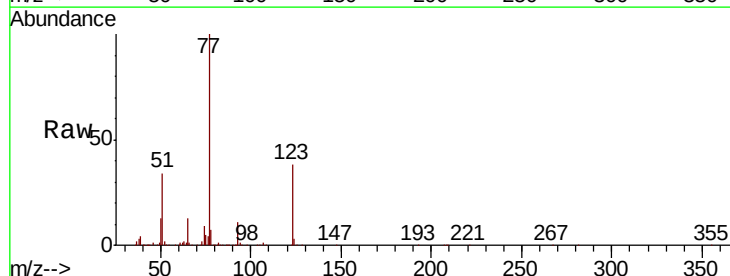
Instrument :
 BNA_M
 ClientSampleId :

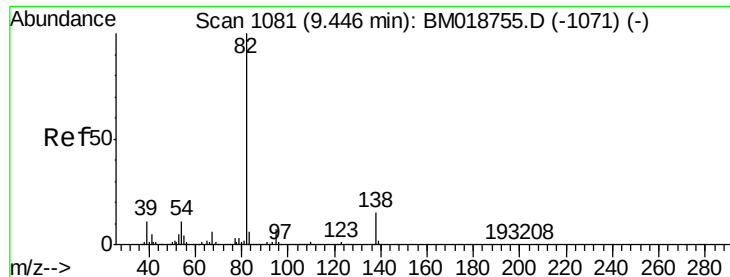
Tot Ion: 82 Resp: 2131340
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.9 44.9
 54 36.9 29.1 43.7



#24
 Nitrobenzene
 Concen: 41.304 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion: 77 Resp: 1134097
 Ion Ratio Lower Upper
 77 100
 123 38.2 30.7 46.1
 65 12.8 10.5 15.7





#25

Isophorone

Concen: 45.979 ng

RT: 9.43 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

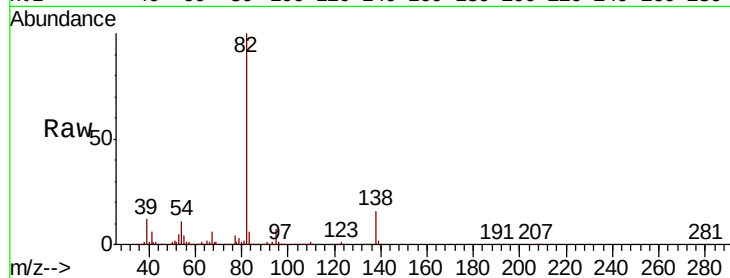
Tot Ion: 82 Resp: 1940643

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

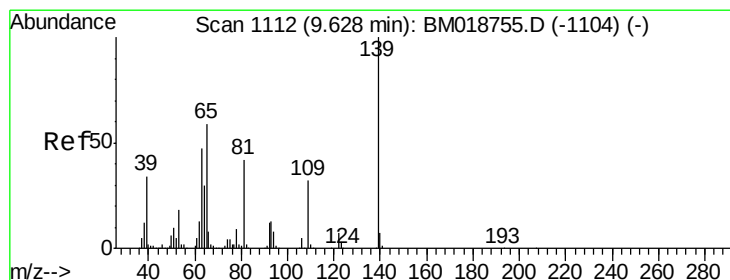
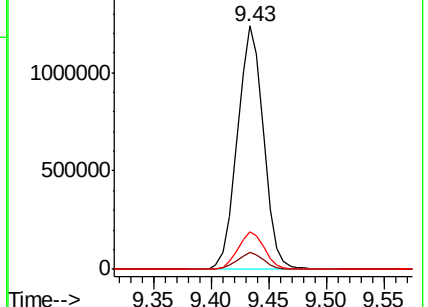
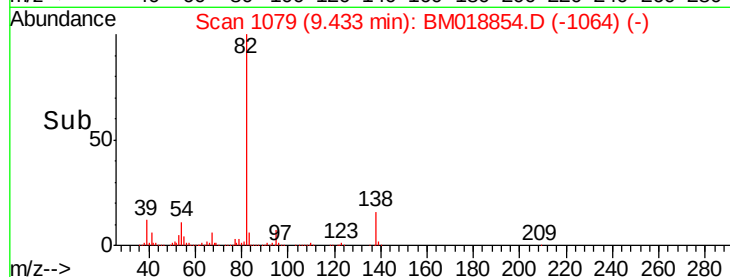
138 15.5 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018854.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018854.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018854.D (-1064) (-)



#26

2-Nitrophenol

Concen: 41.845 ng

RT: 9.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

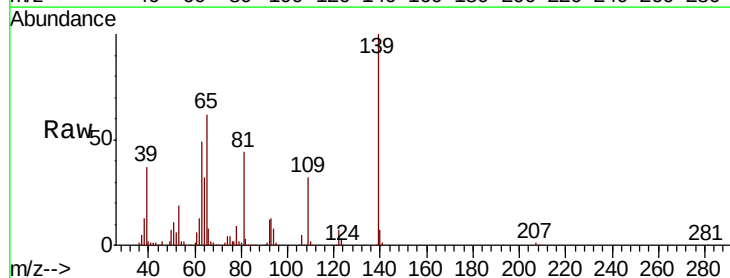
Tgt Ion: 139 Resp: 457562

Ion Ratio Lower Upper

139 100

109 32.4 25.2 37.8

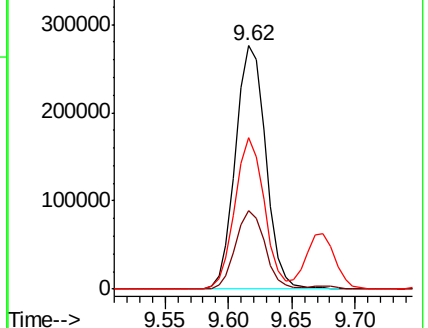
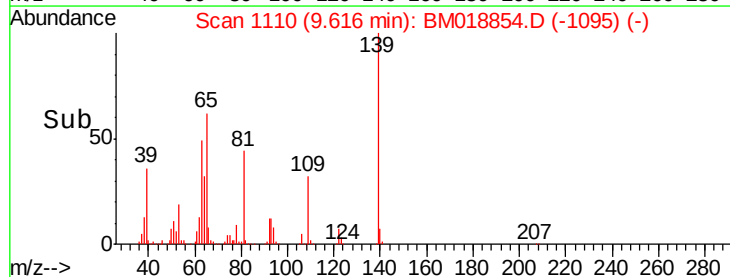
65 62.0 47.0 70.4

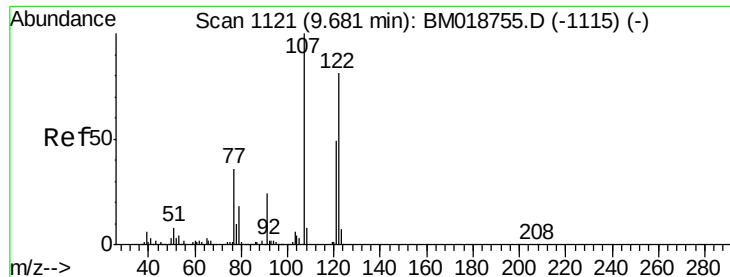


Abundance Ion 139.00 (138.70 to 139.70): BM018854.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018854.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018854.D (-1095) (-)

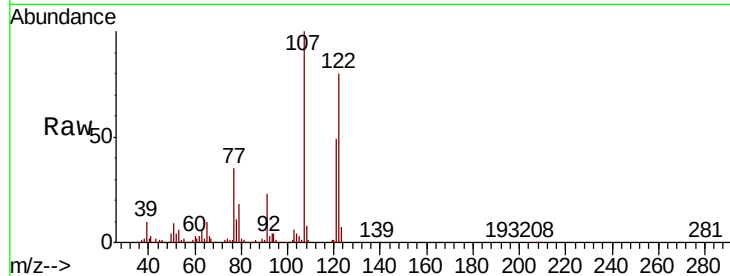




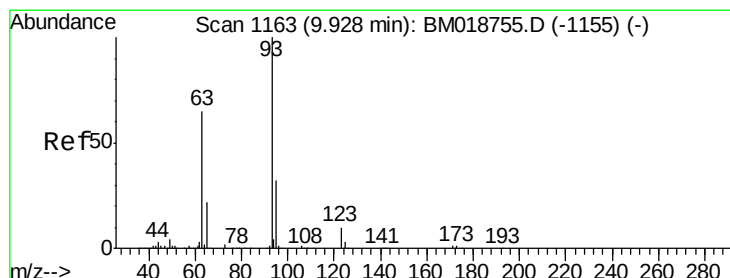
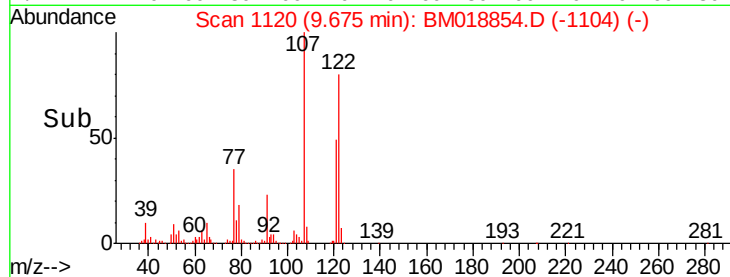
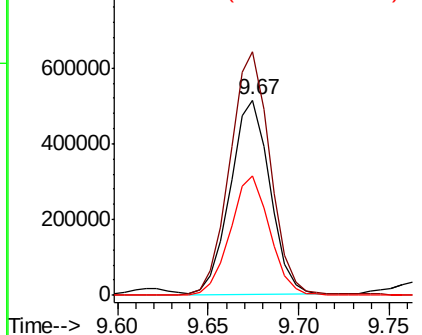
#27
2,4-Dimethylphenol
Concen: 48.973 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.5	97.6	146.4
121	60.9	47.9	71.9

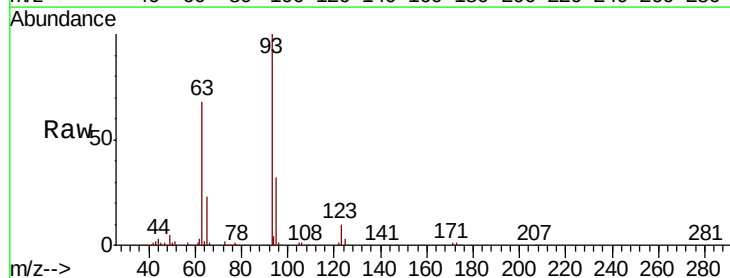


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

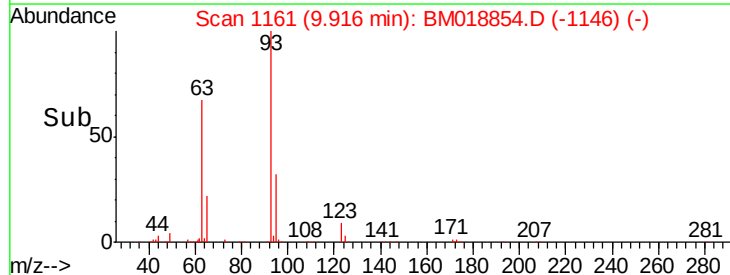
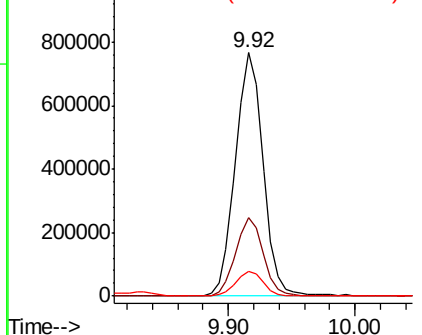


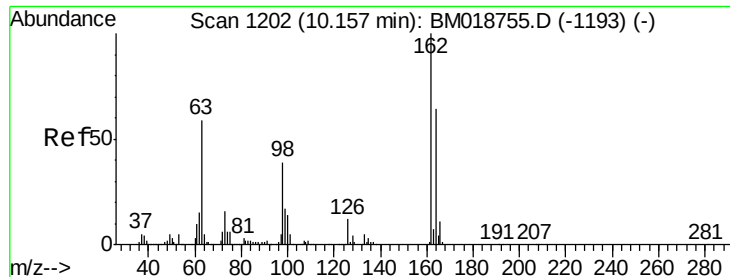
#28
bis(2-Chloroethoxy)methane
Concen: 42.544 ng
RT: 9.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.6	38.4
123	10.3	8.2	12.4



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

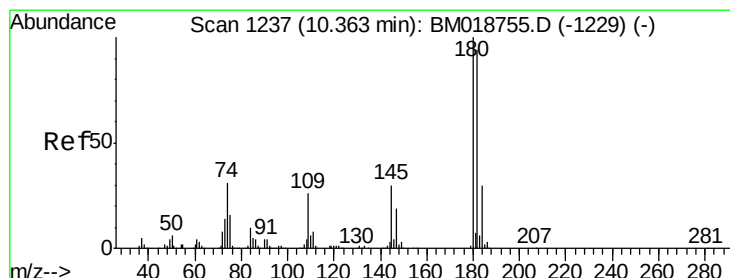
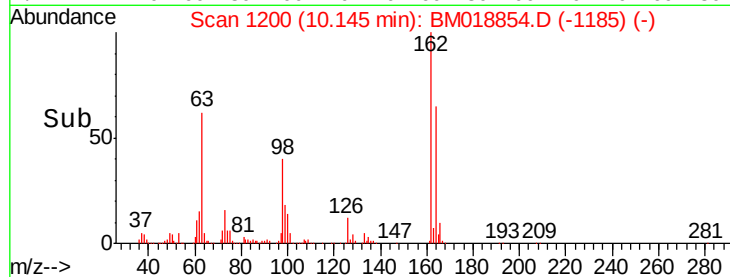
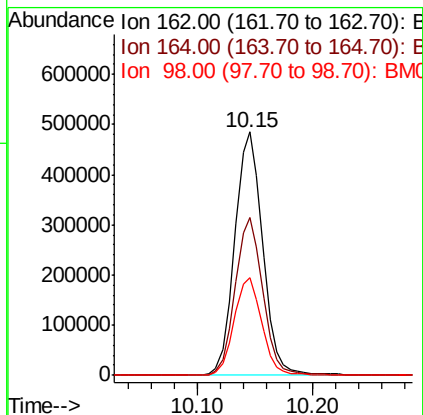
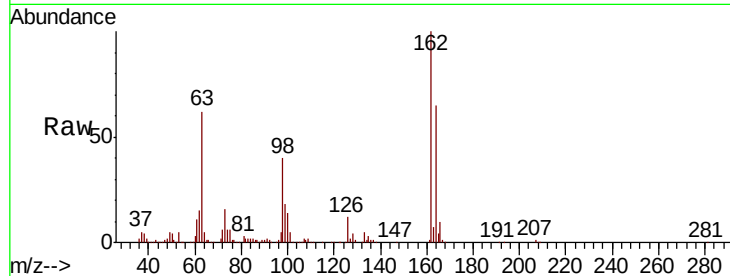




#29
 2,4-Dichlorophenol
 Concen: 44.296 ng
 RT: 10.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

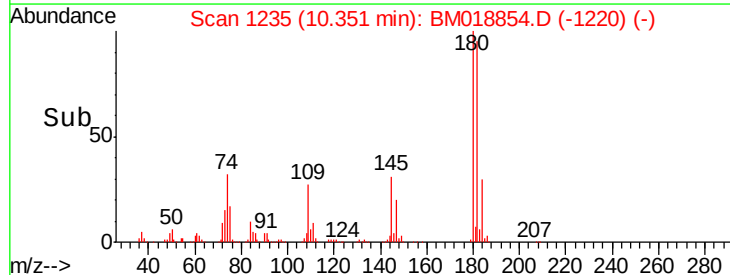
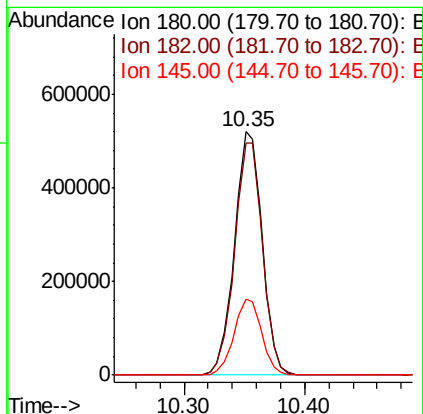
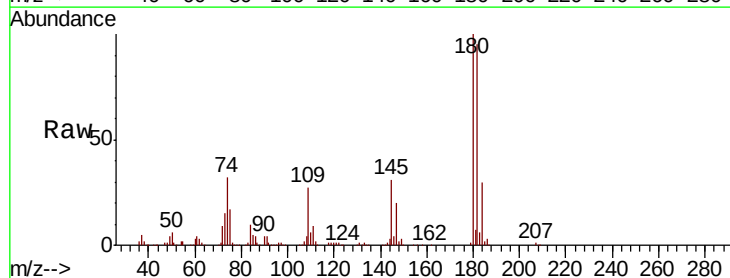
Instrument :
 BNA_M
 ClientSampleId :

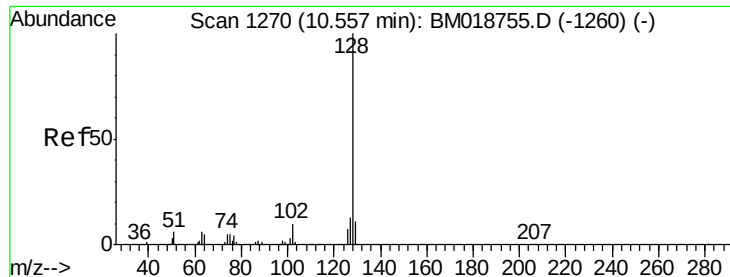
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.1	84.1
98	39.9	19.4	59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.317 ng
 RT: 10.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
145	31.1	24.1	36.1

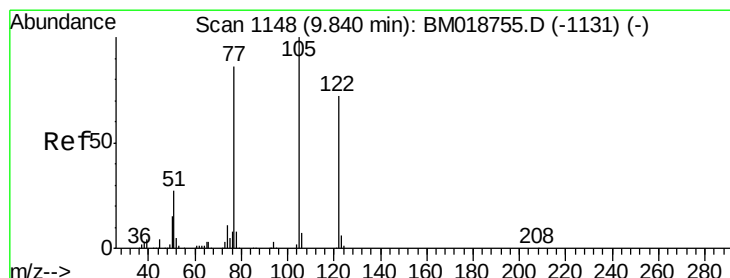
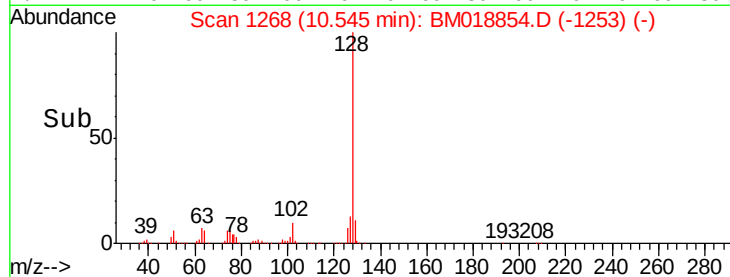
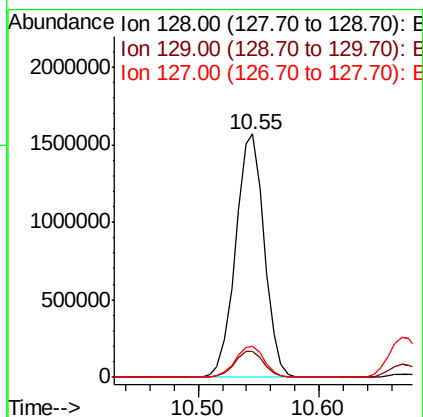
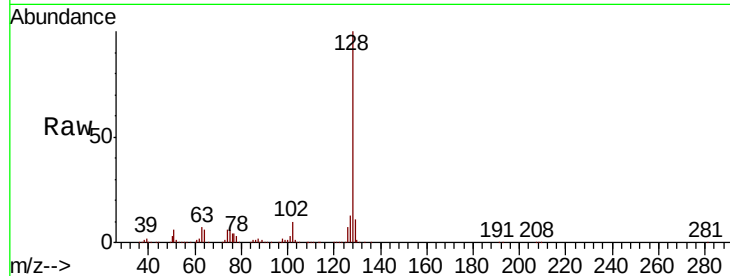




#31
Naphthalene
Concen: 43.445 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

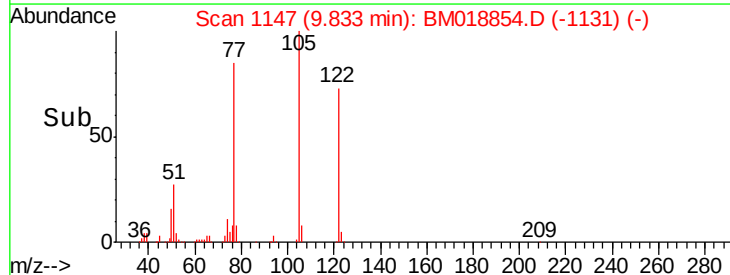
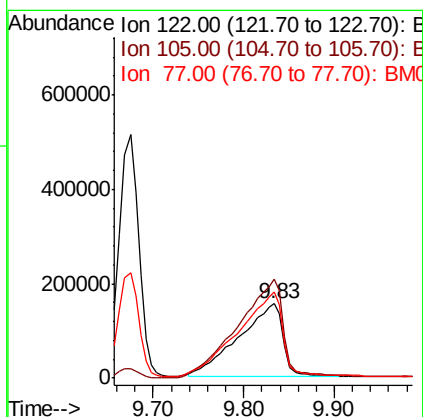
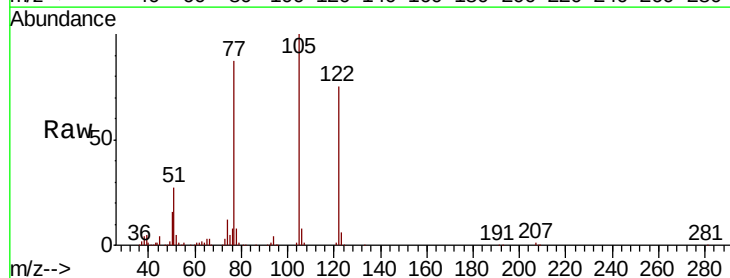
Instrument :
BNA_M
ClientSampleId :

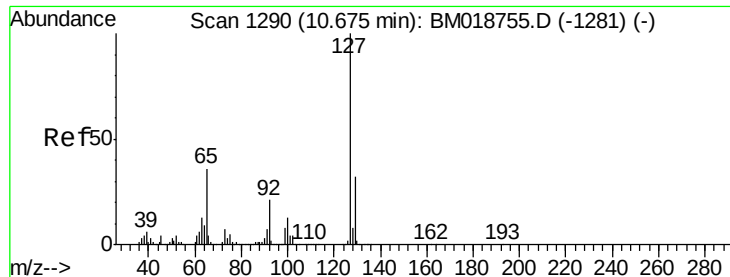
Tot Ion:128 Resp: 2591599
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 36.717 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion:122 Resp: 511513
Ion Ratio Lower Upper
122 100
105 134.1 117.5 157.5
77 116.2 98.5 138.5

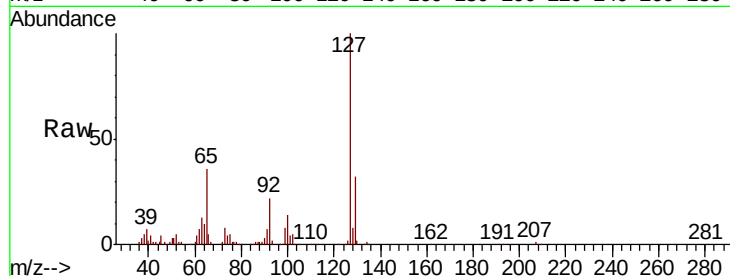




#33
4-Chloroaniline
Concen: 18.473 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	492602
Ion Ratio	Lower	Upper
127	100	
129	31.7	25.7 38.5
65	36.3	28.7 43.1
92	21.8	17.0 25.4



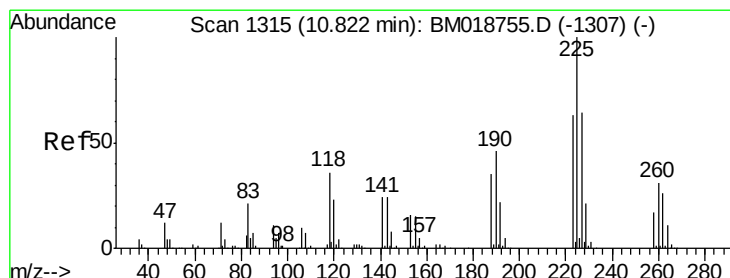
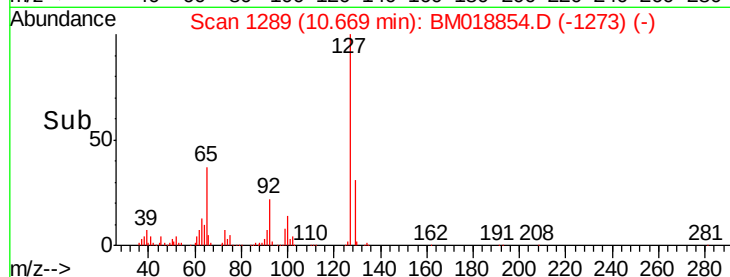
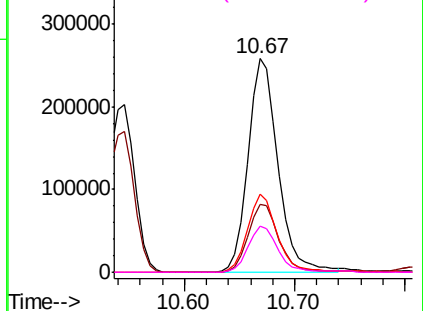
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

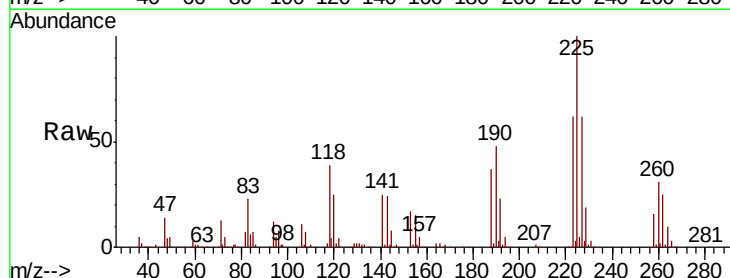
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 36.672 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion:225	Resp:	450789
Ion Ratio	Lower	Upper
225	100	
223	61.5	50.1 75.1
227	61.7	51.4 77.0

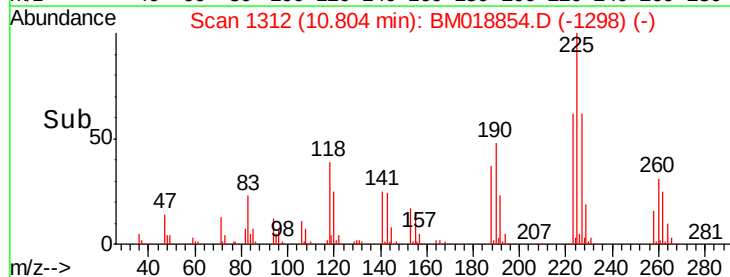
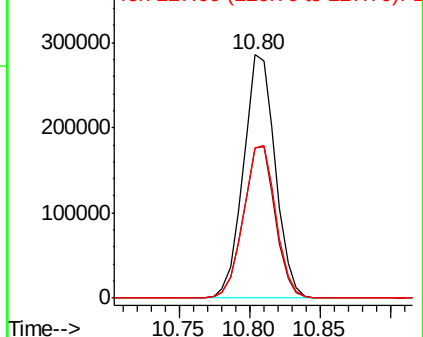


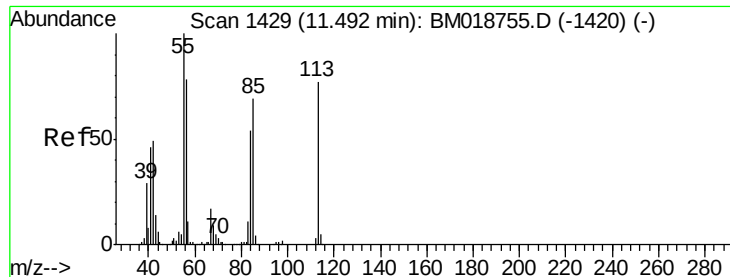
Abundance

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

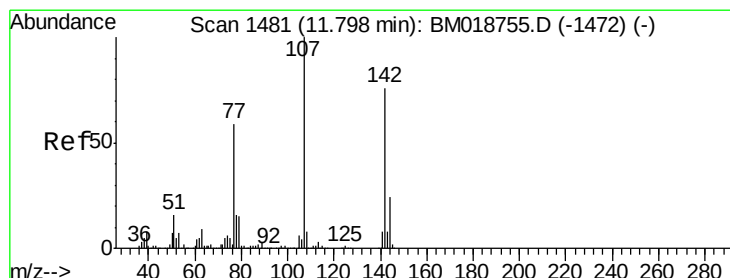
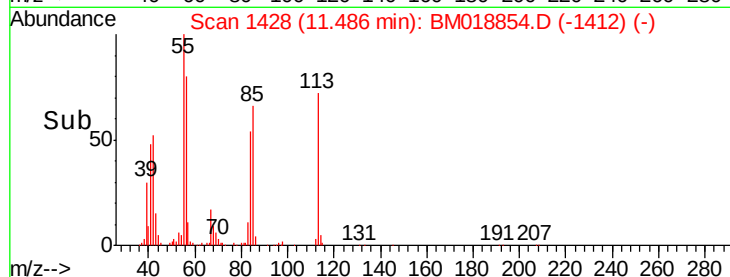
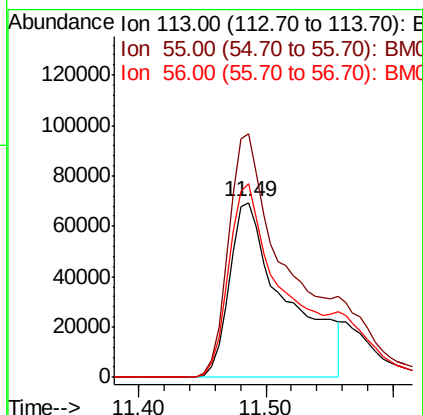
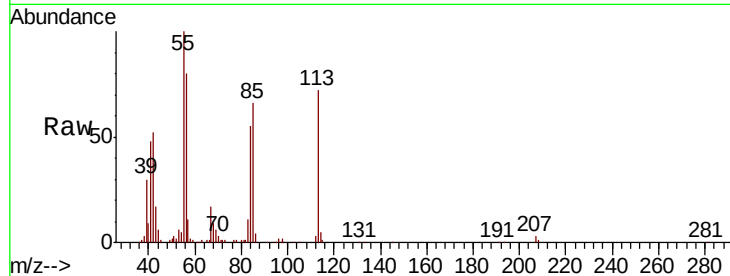




#35
 Caprolactam
 Concen: 28.718 ng
 RT: 11.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

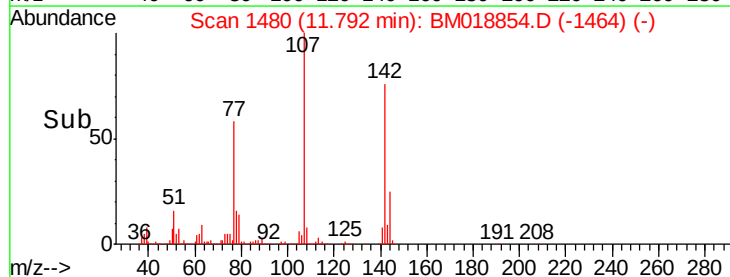
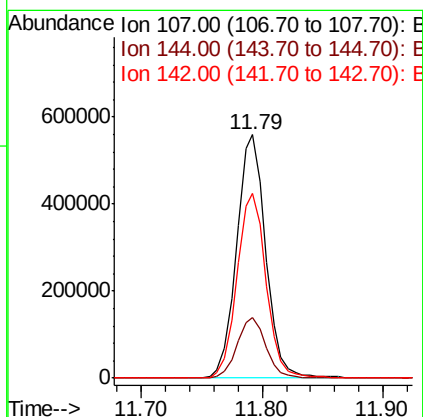
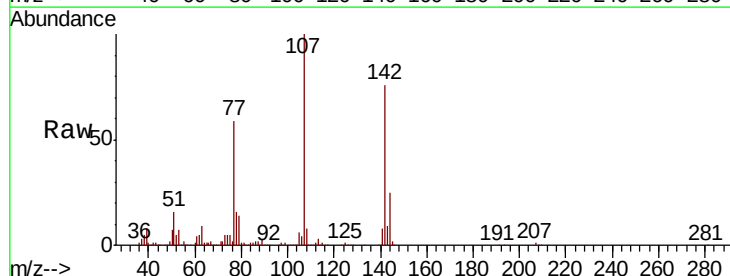
Instrument :
 BNA_M
 ClientSampleId :

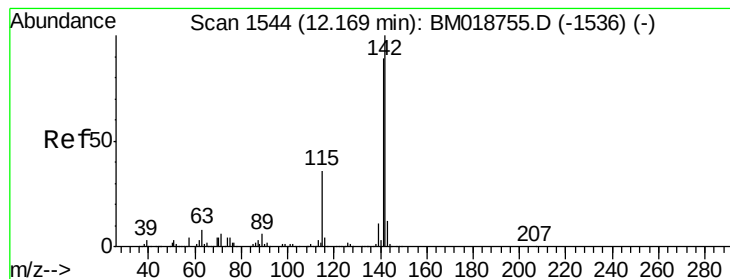
Tot Ion:113 Resp: 214926
 Ion Ratio Lower Upper
 113 100
 55 139.3 110.7 150.7
 56 110.9 82.4 122.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.387 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion:107 Resp: 937156
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.3 28.9
 142 76.0 60.5 90.7





#37

2-Methylnaphthalene

Concen: 44.825 ng

RT: 12.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

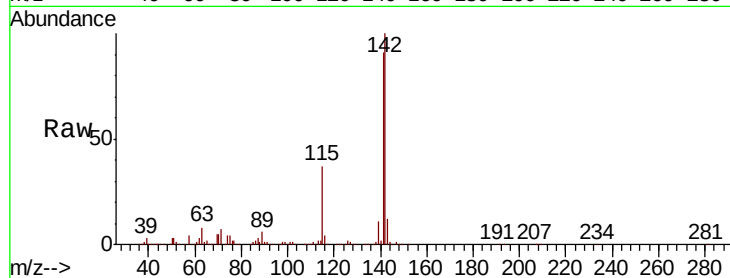
Tot Ion:142 Resp: 1882586

Ion Ratio Lower Upper

142 100

141 90.7 71.2 106.8

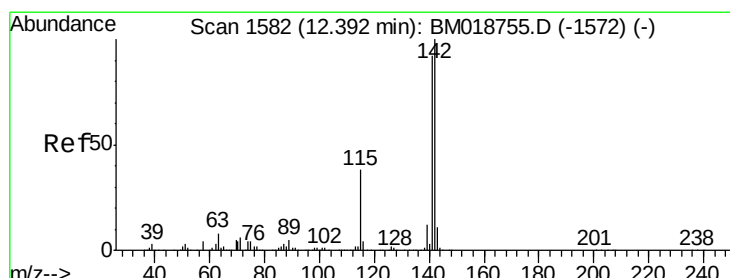
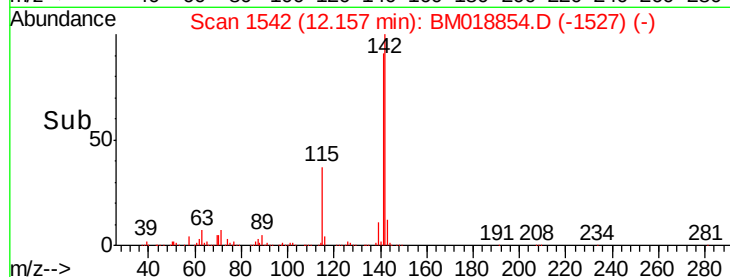
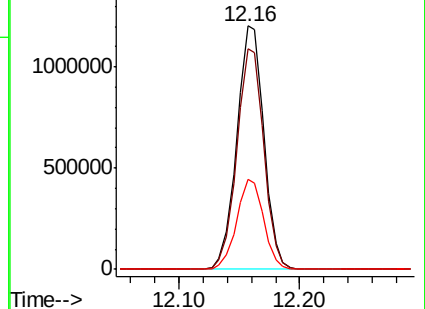
115 37.0 29.1 43.7



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: 43.866 ng

RT: 12.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

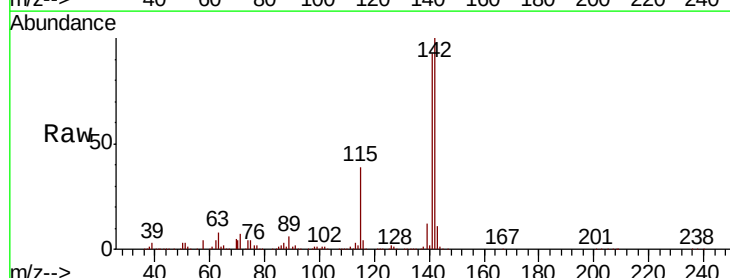
Tgt Ion:142 Resp: 1801559

Ion Ratio Lower Upper

142 100

141 93.1 73.9 110.9

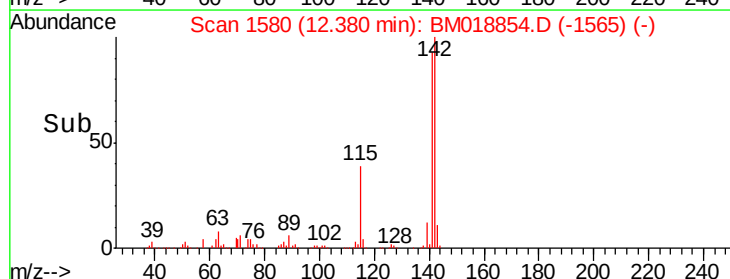
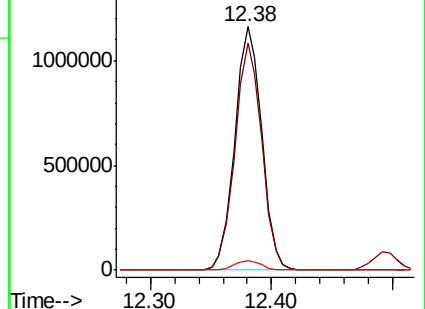
116 4.0 3.0 4.4

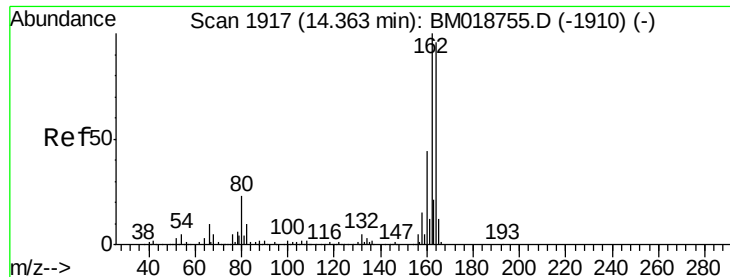


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1916

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

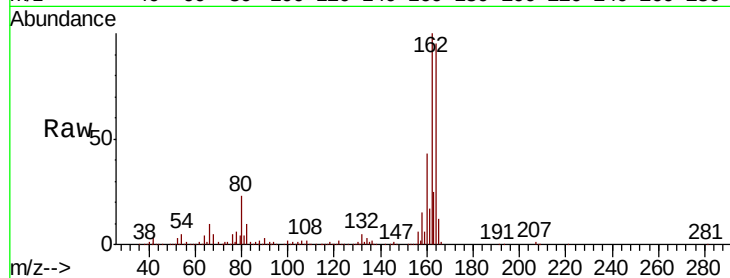
Tot Ion:164 Resp: 700799

Ion Ratio Lower Upper

164 100

162 105.5 83.4 125.0

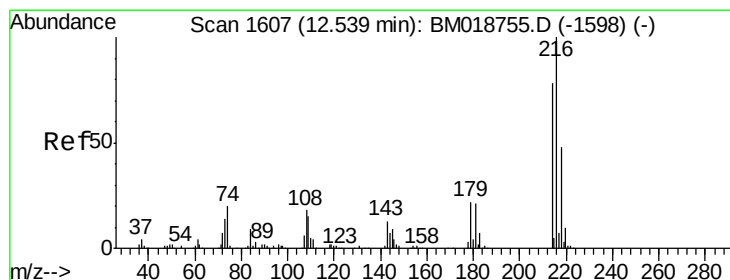
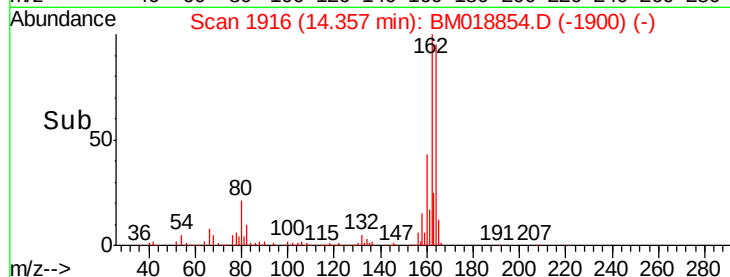
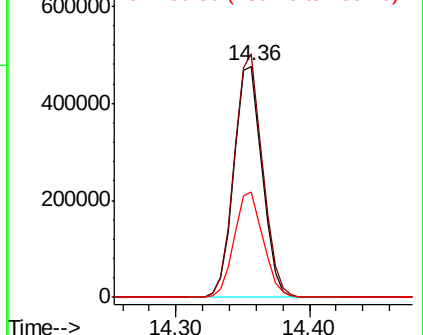
160 45.9 36.6 55.0



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: 39.252 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:216 Resp: 879957

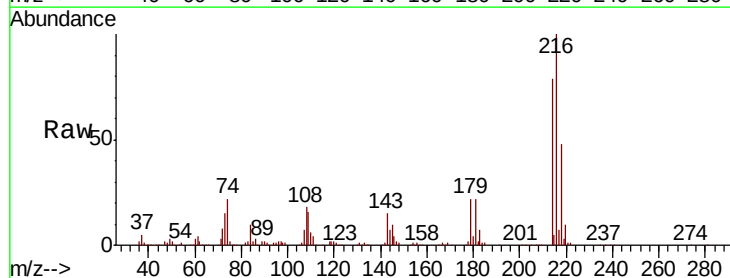
Ion Ratio Lower Upper

216 100

214 78.6 63.2 94.8

179 22.7 17.8 26.8

108 23.3 16.4 24.6

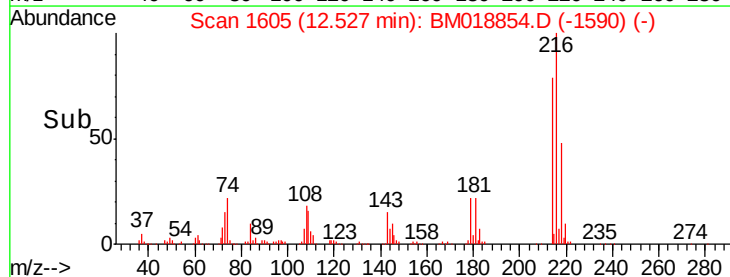
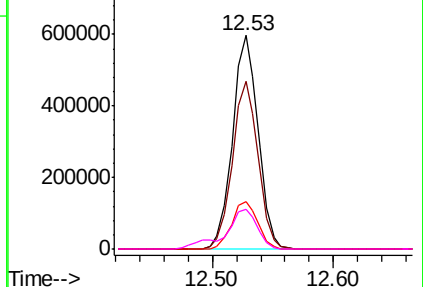


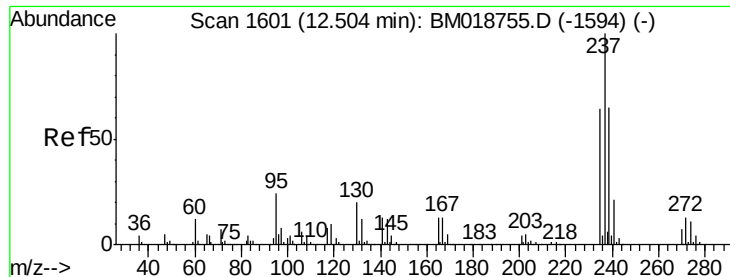
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.893 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampled :

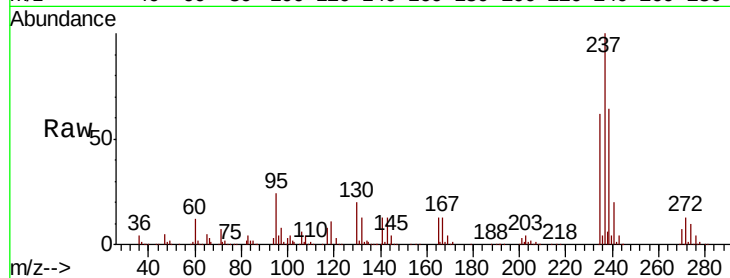
Tot Ion:237 Resp: 995932

Ion Ratio Lower Upper

237 100

235 62.2 43.7 83.7

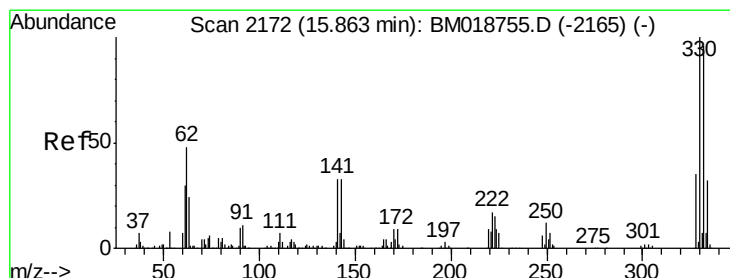
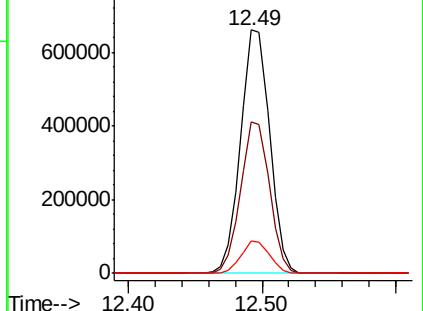
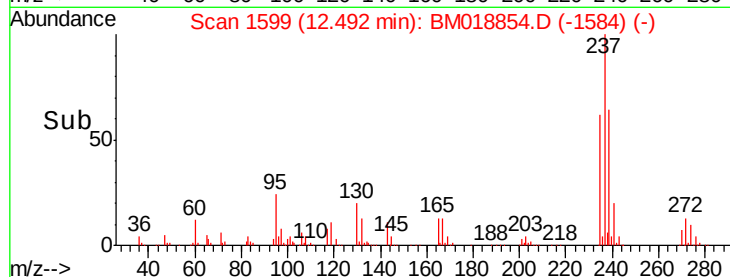
272 13.2 0.0 33.3



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: 145.592 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

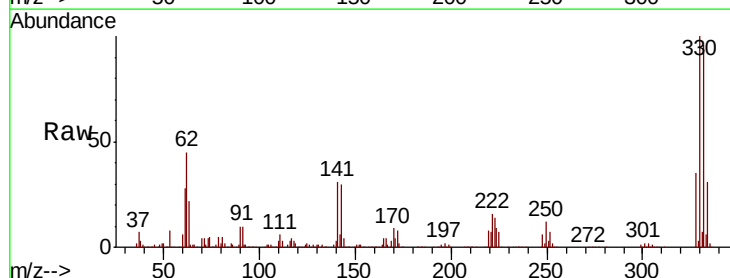
Tgt Ion:330 Resp: 1470745

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

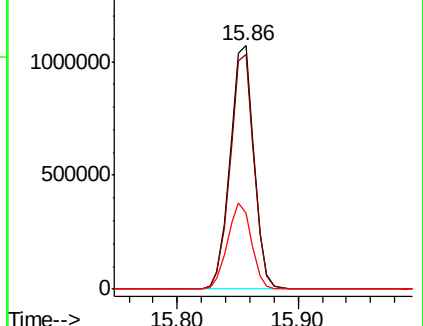
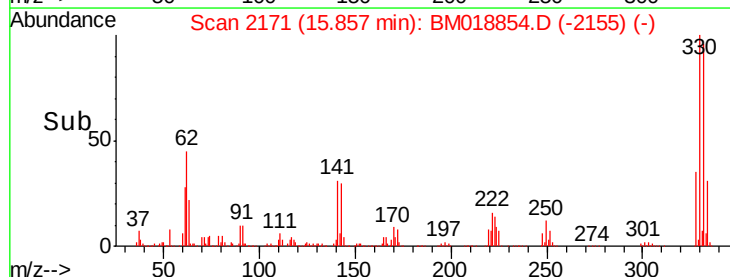
141 35.7 28.7 43.1

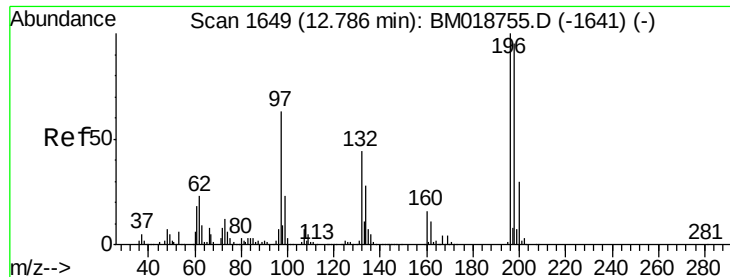


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

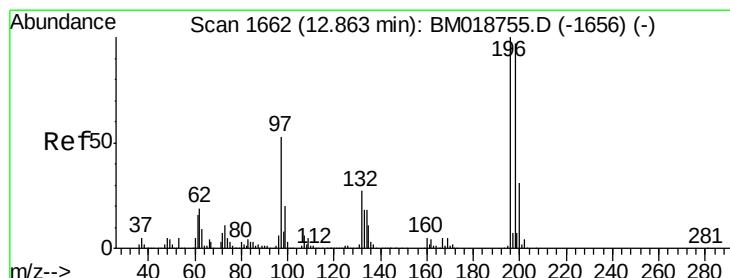
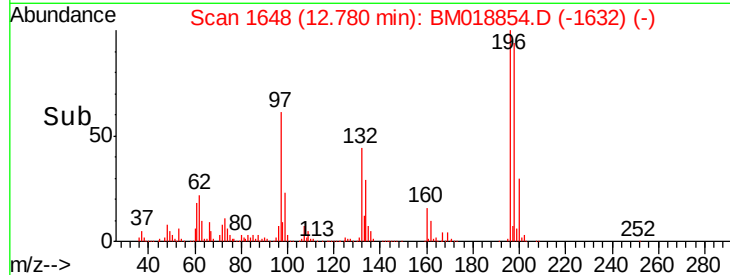
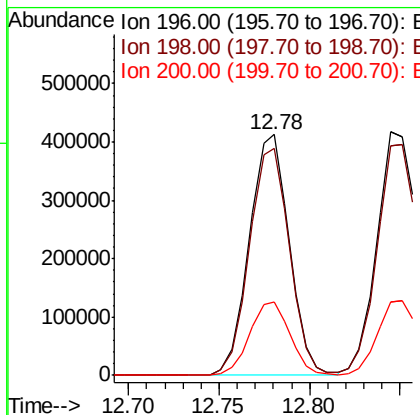
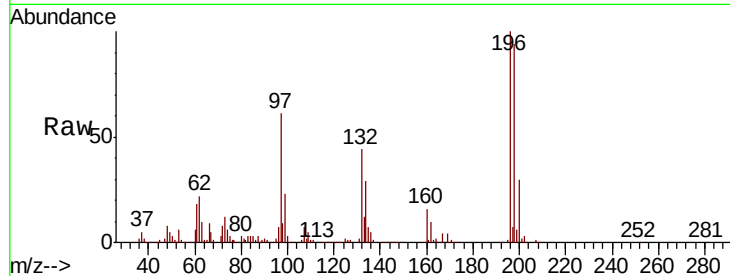




#43
 2,4,6-Trichlorophenol
 Concen: 42.505 ng
 RT: 12.78 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

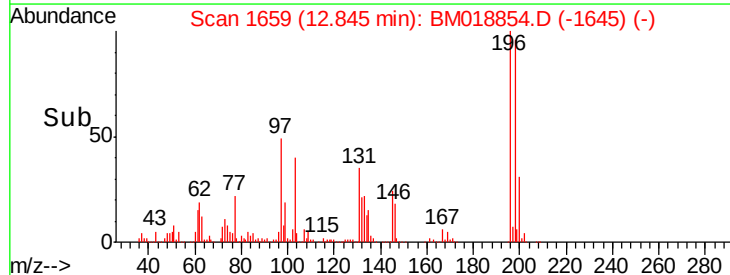
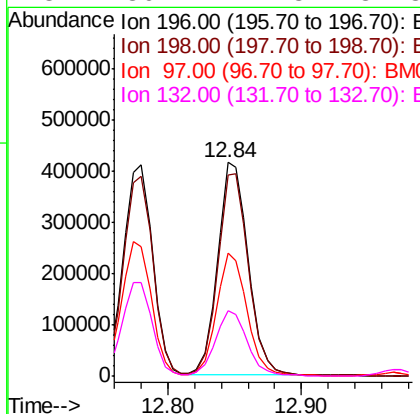
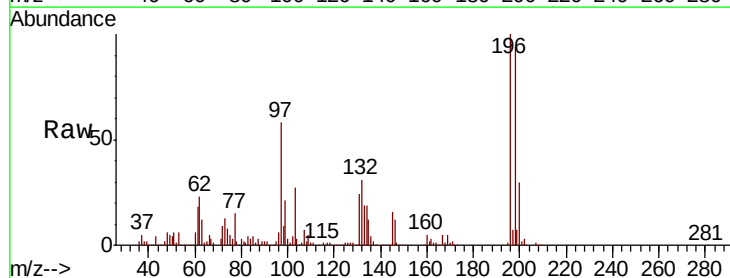
Instrument :
 BNA_M
 ClientSampled :

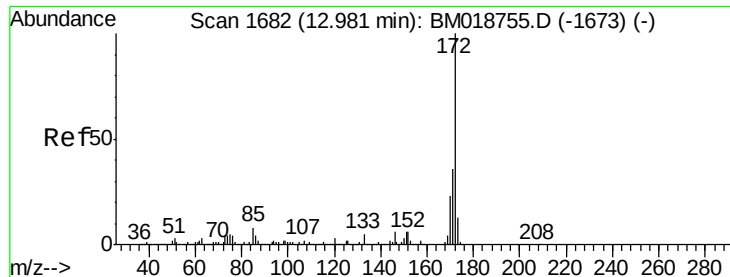
Tot Ion:196 Resp: 630807
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.2 114.2
 200 30.4 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.897 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion:196 Resp: 667257
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.6 116.4
 97 57.8 42.8 64.2
 132 30.7 21.8 32.8

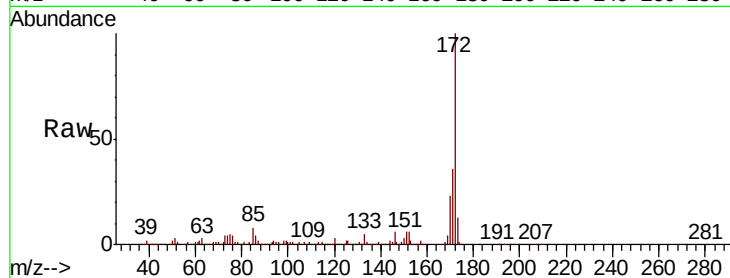




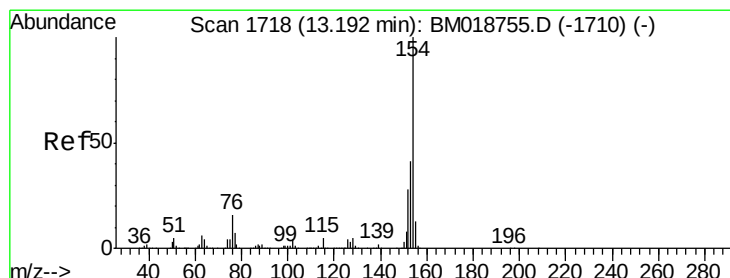
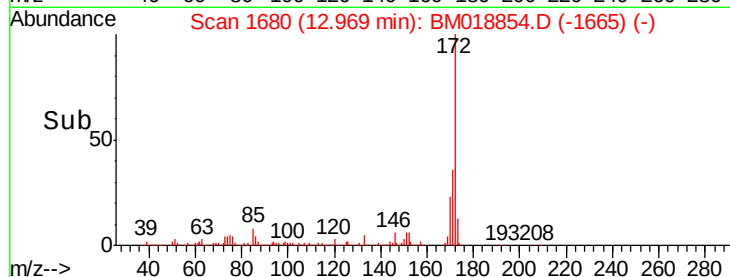
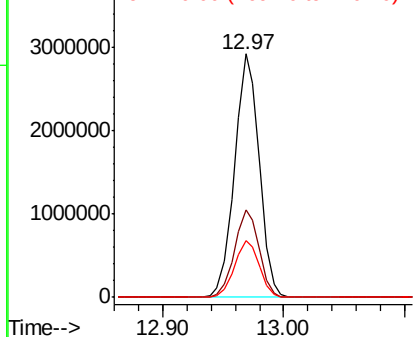
#45
2-Fluorobiphenyl
Concen: 78.494 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4143832
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.4 18.6 28.0

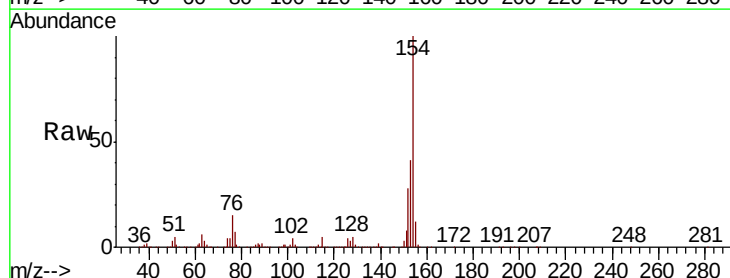


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

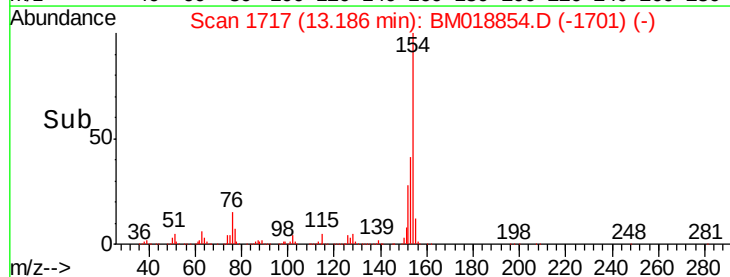
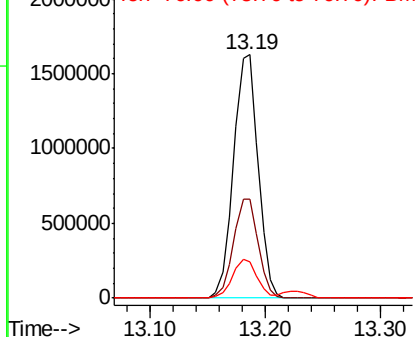


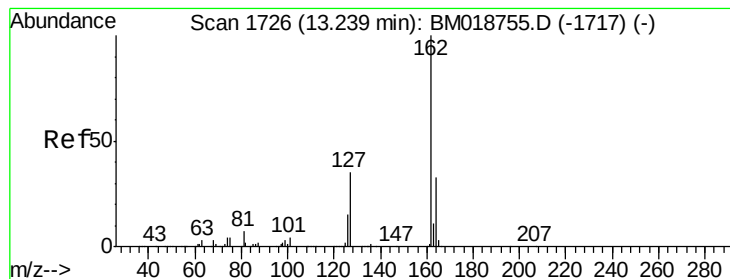
#46
1,1'-Biphenyl
Concen: 39.852 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion:154 Resp: 2404007
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 14.9 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: 40.158 ng

RT: 13.23 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

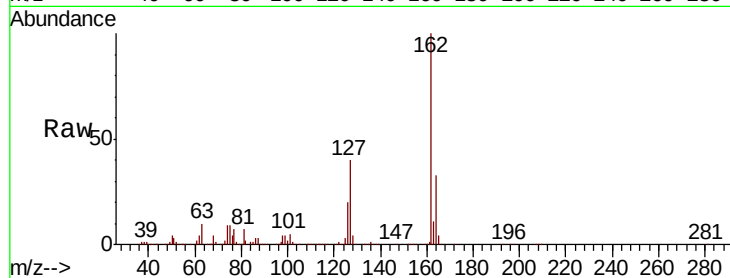
Tot Ion:162 Resp: 1871095

Ion Ratio Lower Upper

162 100

127 39.9 31.1 46.7

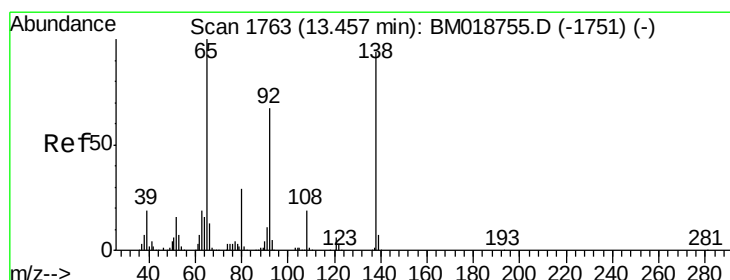
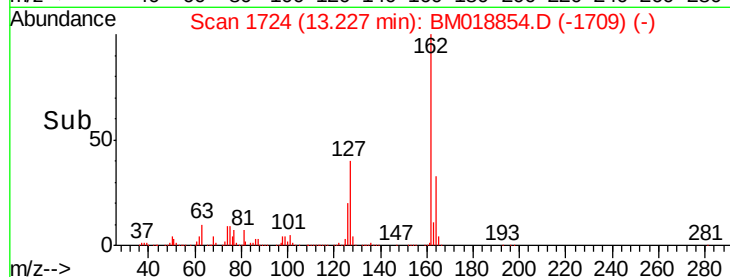
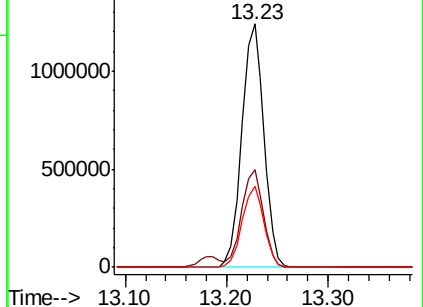
164 33.4 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.239 ng

RT: 13.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

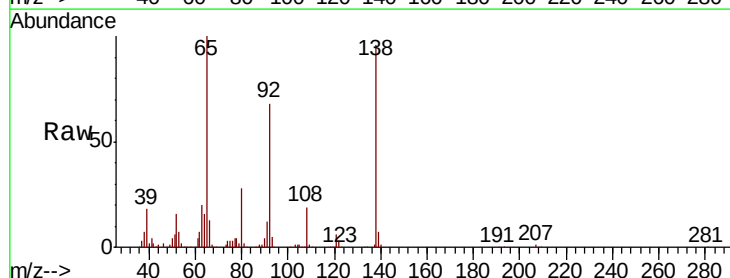
Tgt Ion: 65 Resp: 653618

Ion Ratio Lower Upper

65 100

92 67.6 54.0 81.0

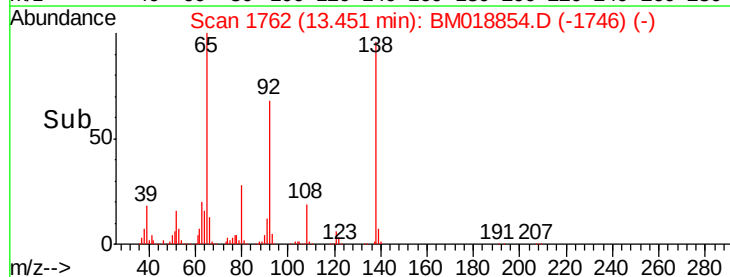
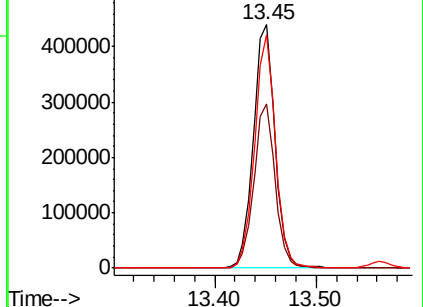
138 96.1 74.9 112.3

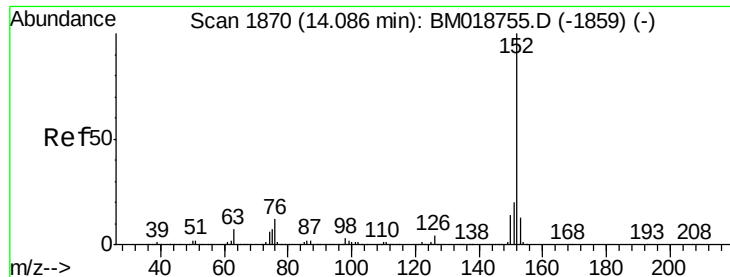


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.674 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

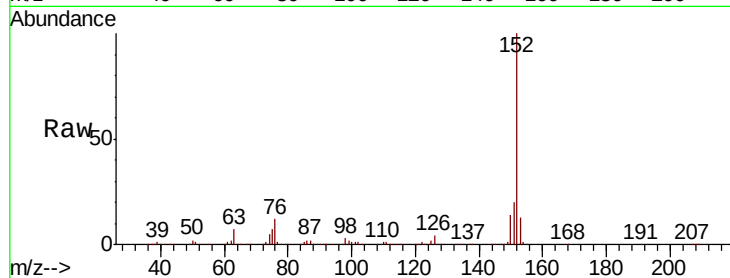
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 3030009

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	12.7	10.5	15.7

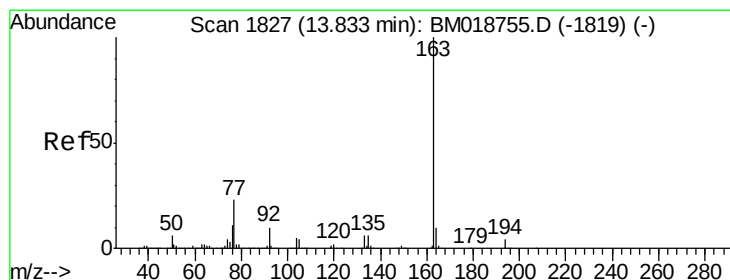
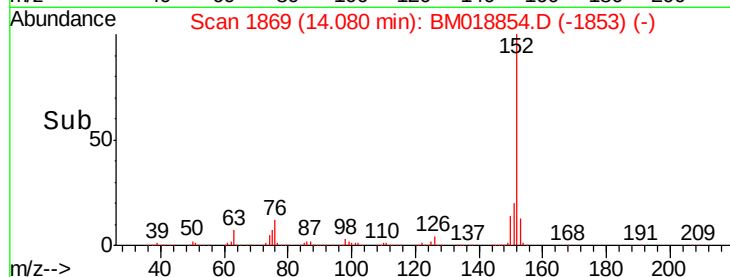
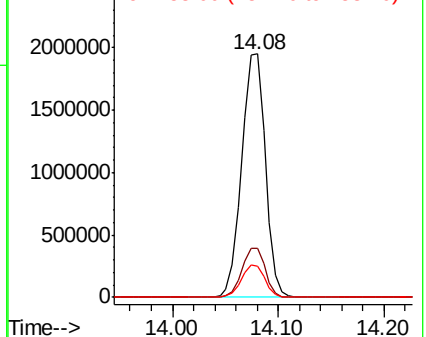


Abundance

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: 40.140 ng

RT: 13.82 min Scan# 1825

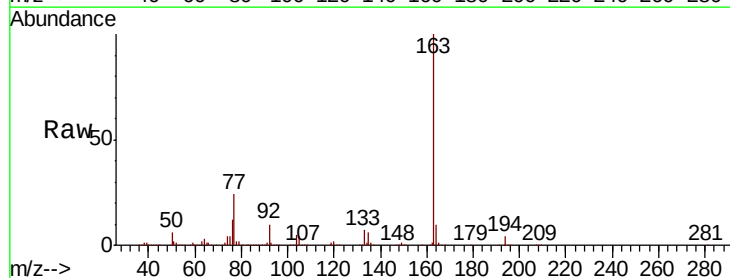
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:163 Resp: 2344356

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	7.8	11.8

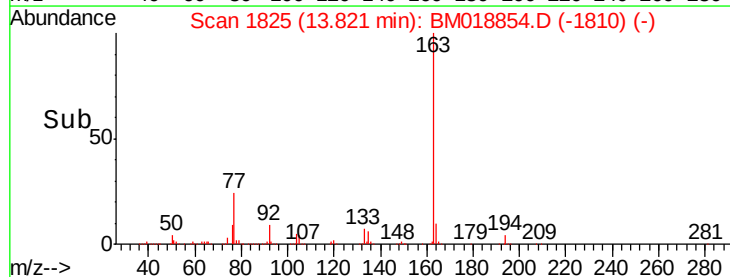
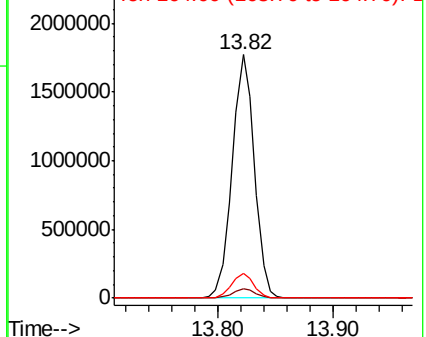


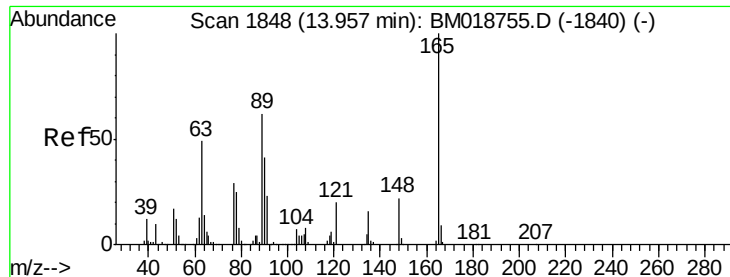
Abundance

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

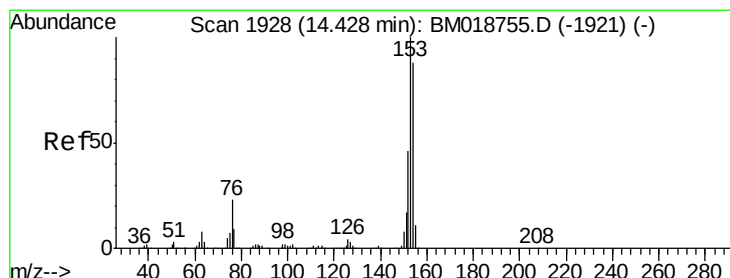
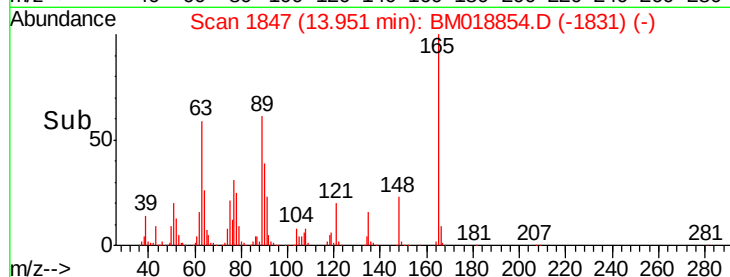
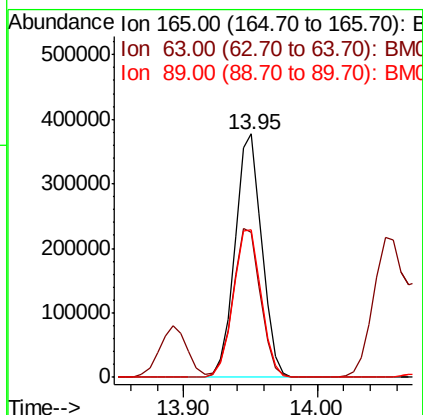
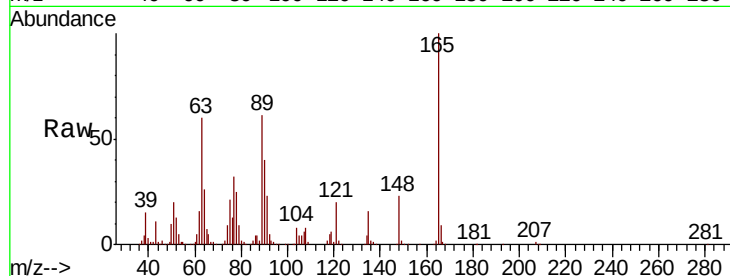




#51
2,6-Dinitrotoluene
Concen: 41.480 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

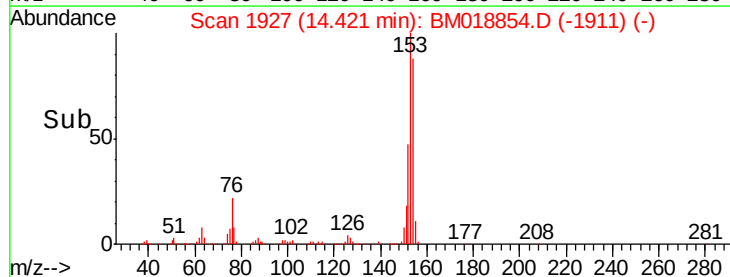
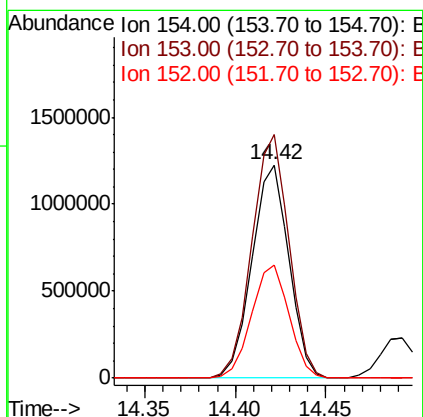
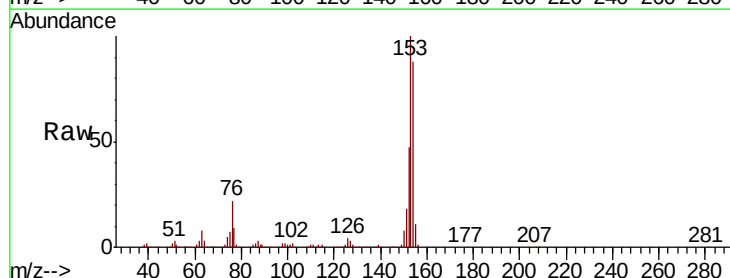
Instrument :
BNA_M
ClientSampleId :

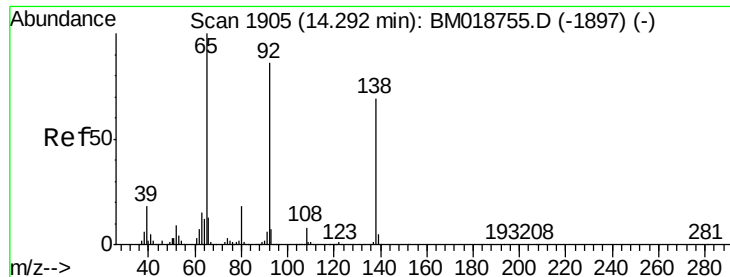
Tot Ion:165 Resp: 524789
Ion Ratio Lower Upper
165 100
63 59.7 48.9 73.3
89 60.6 49.4 74.0



#52
Acenaphthene
Concen: 40.855 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion:154 Resp: 1738002
Ion Ratio Lower Upper
154 100
153 114.2 91.3 136.9
152 53.3 42.2 63.4

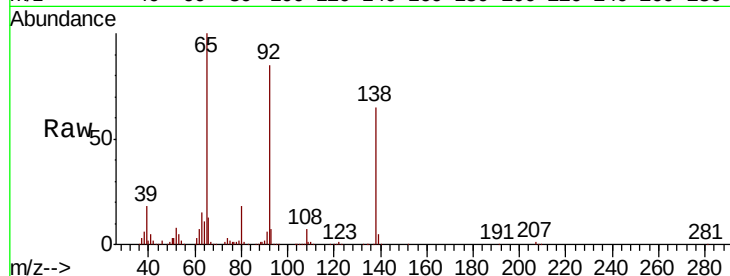




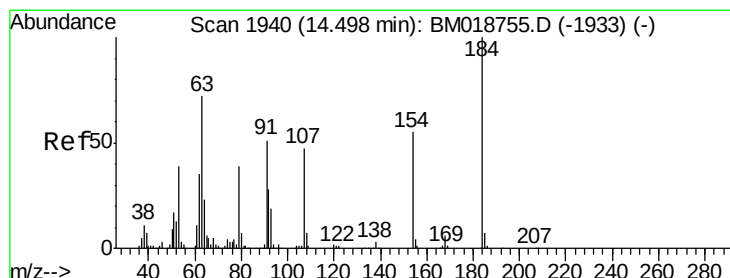
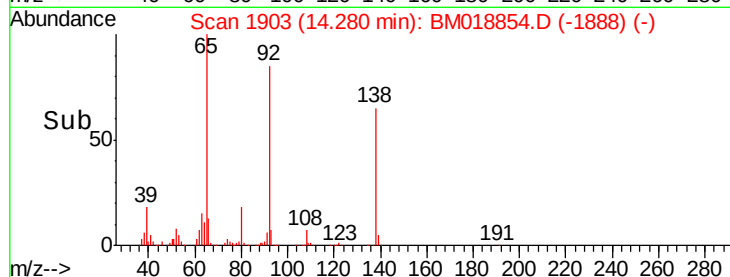
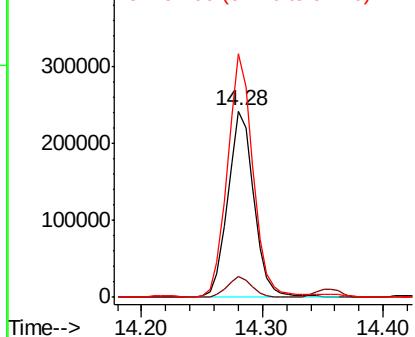
#53
 3-Nitroaniline
 Concen: 25.536 ng
 RT: 14.28 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:138 Resp: 365034
 Ion Ratio Lower Upper
 138 100
 108 11.0 9.1 13.7
 92 130.6 99.7 149.5

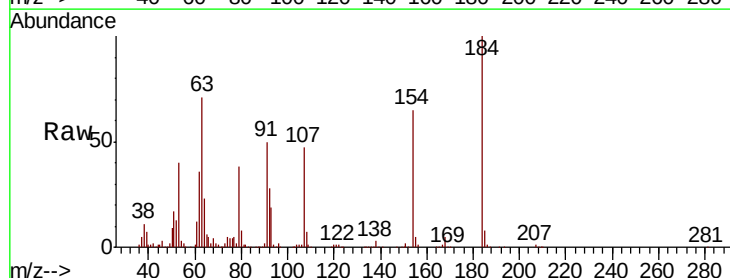


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

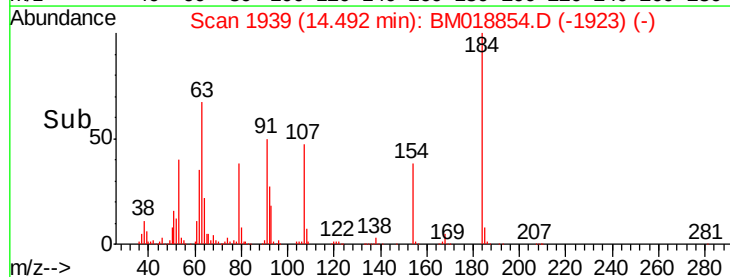
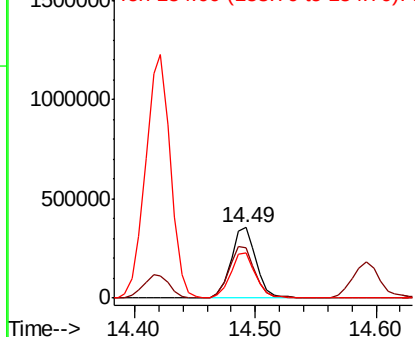


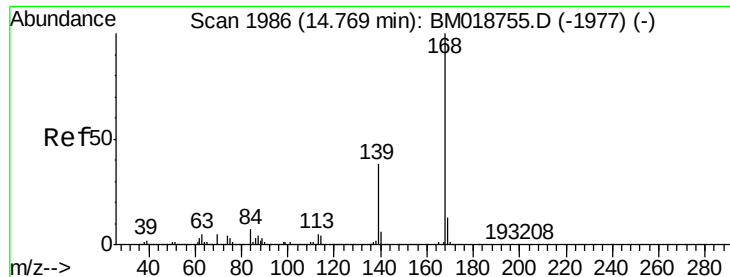
#54
 2,4-Dinitrophenol
 Concen: 65.941 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion:184 Resp: 520608
 Ion Ratio Lower Upper
 184 100
 63 70.8 58.0 87.0
 154 64.9 50.3 75.5



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.296 ng

RT: 14.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

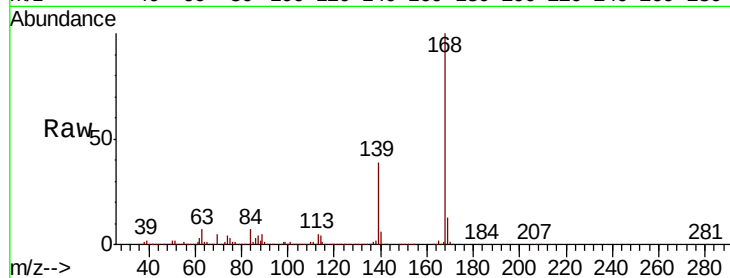
Tot Ion:168 Resp: 2817589

Ion Ratio Lower Upper

168 100

139 38.8 30.7 46.1

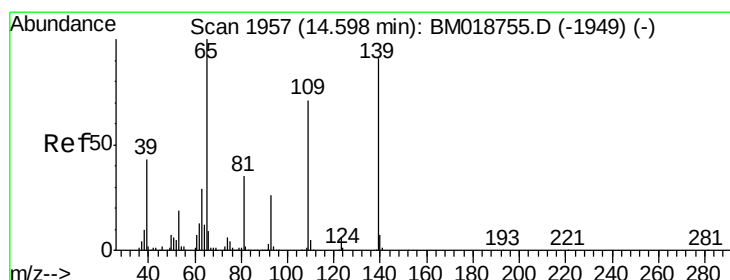
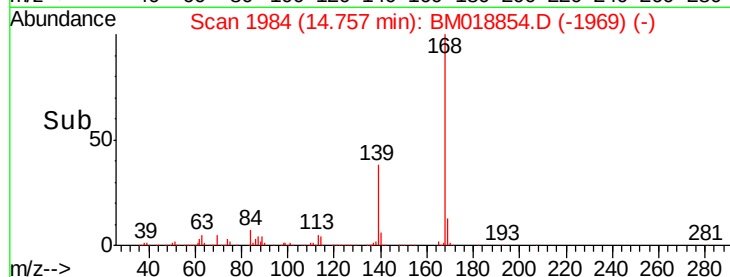
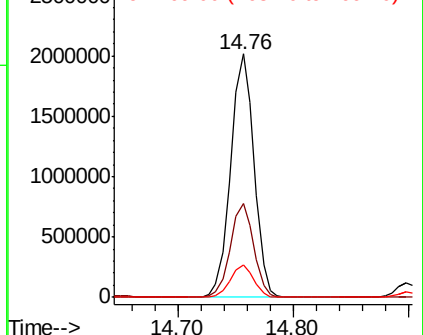
169 13.2 10.3 15.5



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: 76.732 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

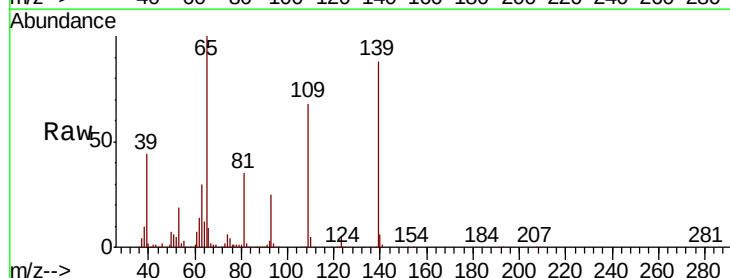
Tgt Ion:139 Resp: 875617

Ion Ratio Lower Upper

139 100

109 77.5 58.4 98.4

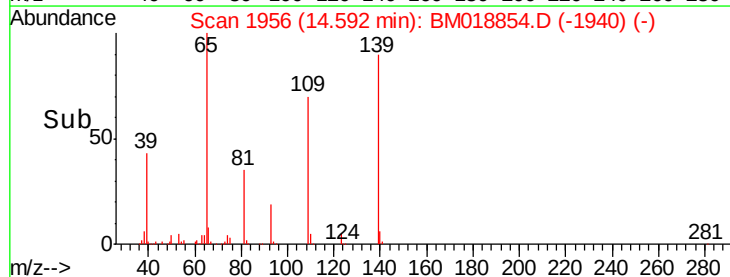
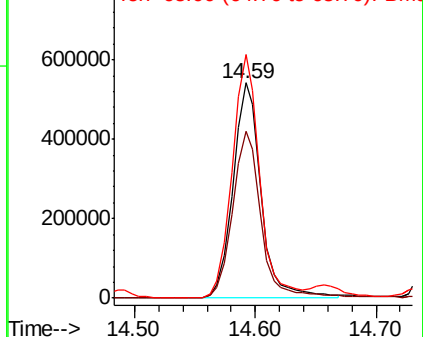
65 113.3 89.8 129.8

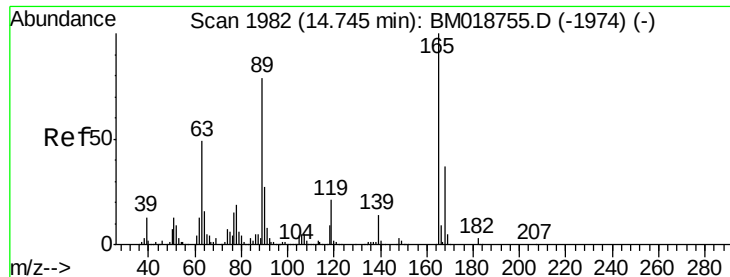


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

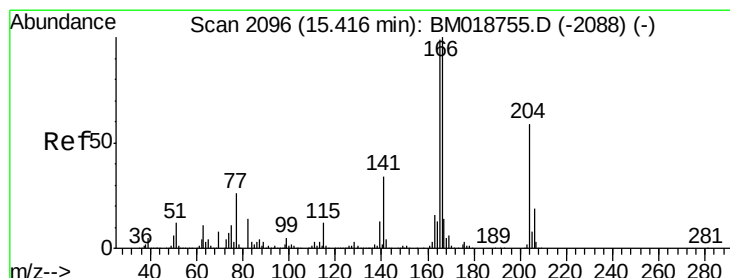
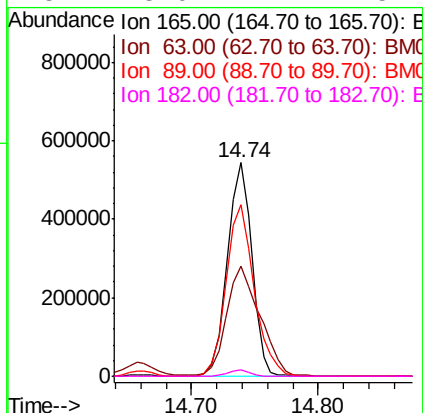
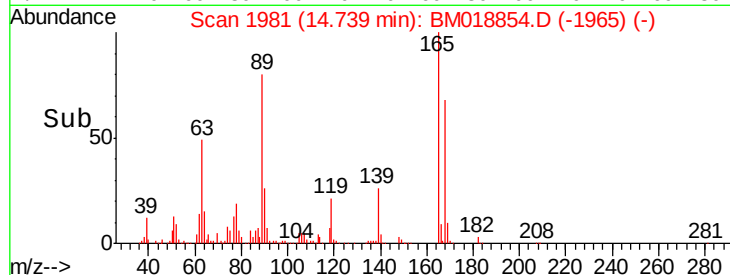
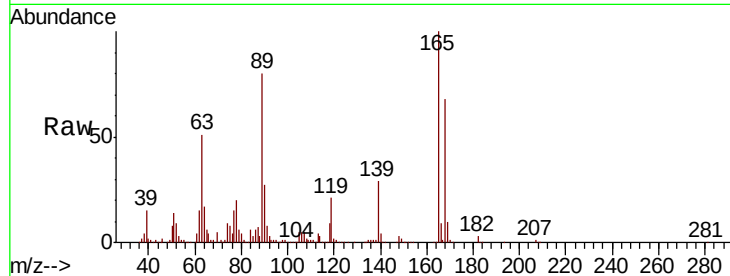




#57
2,4-Dinitrotoluene
Concen: 41.507 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

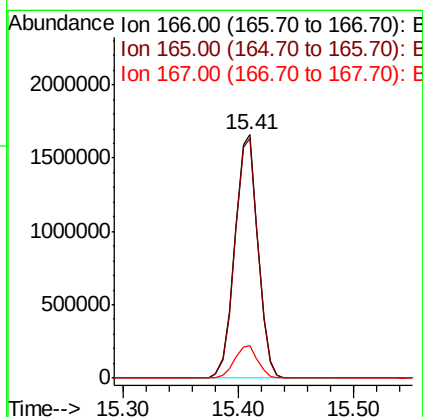
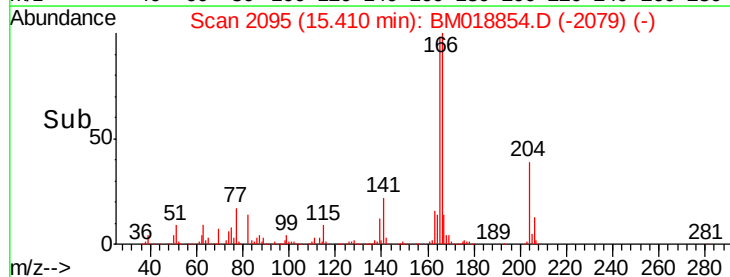
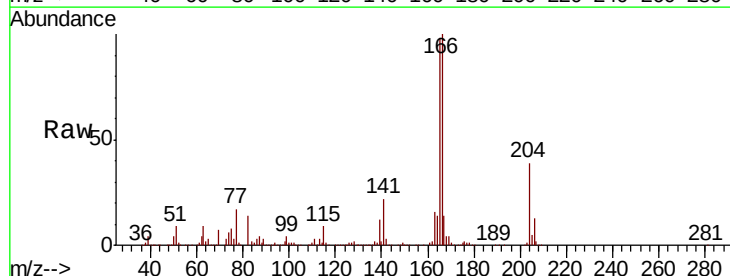
Instrument :
BNA_M
ClientSampleId :

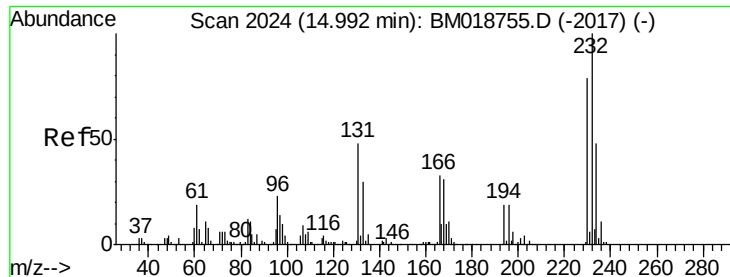
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	39.6	59.4
89	80.3	63.5	95.3
182	3.0	2.2	3.4



#58
Fluorene
Concen: 42.771 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.1	118.7
167	13.5	11.0	16.4

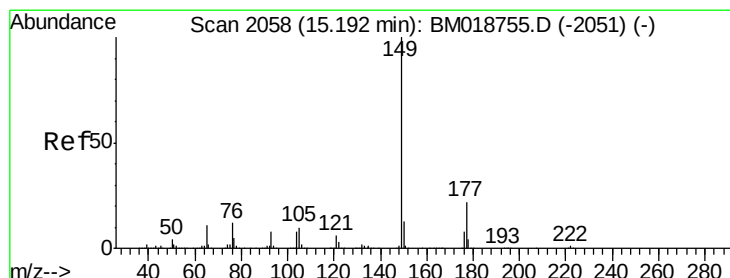
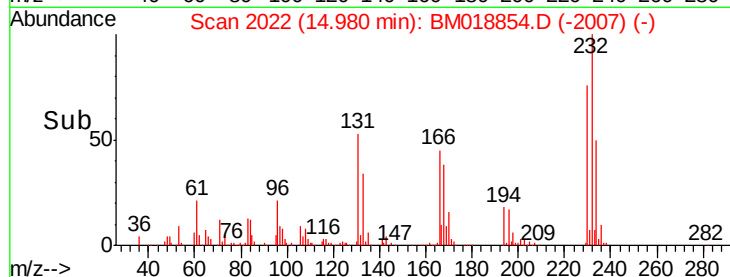
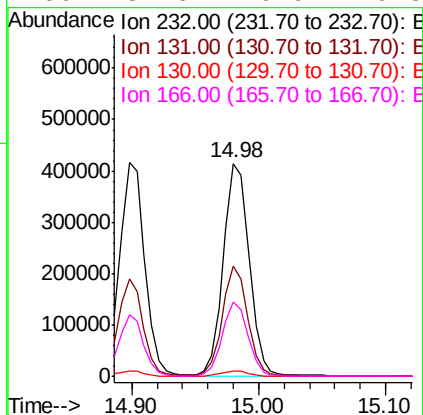
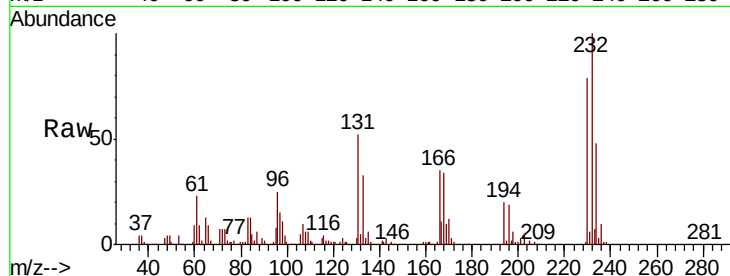




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.532 ng
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

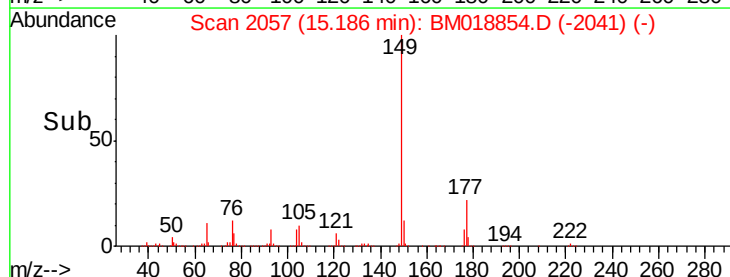
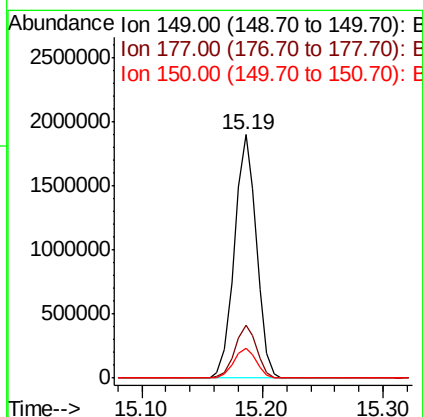
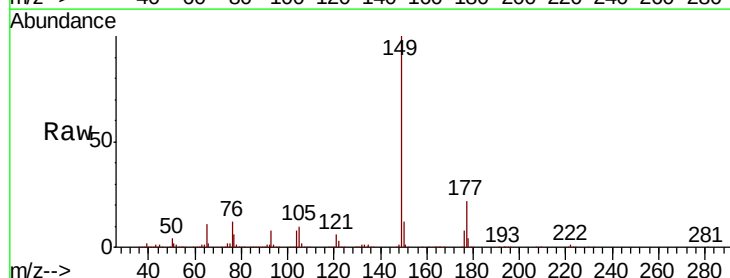
Instrument :
 BNA_M
 ClientSampleId :

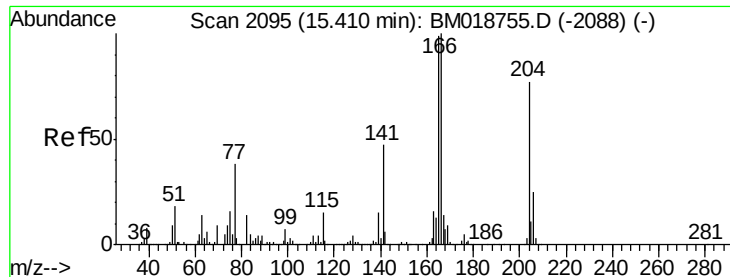
Tot Ion	Ratio	Lower	Upper
232	100		
131	50.8	38.6	57.8
130	2.6	2.0	3.0
166	34.6	26.9	40.3



#60
 Diethylphthalate
 Concen: 39.974 ng
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	12.4	10.2	15.2

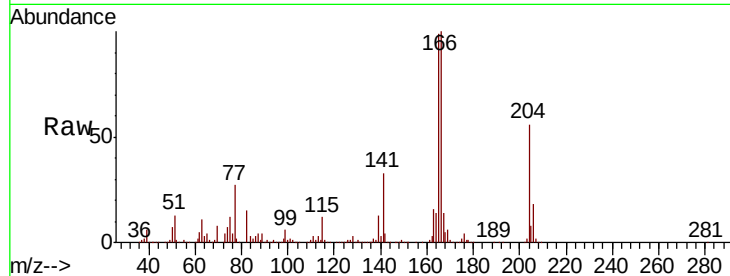




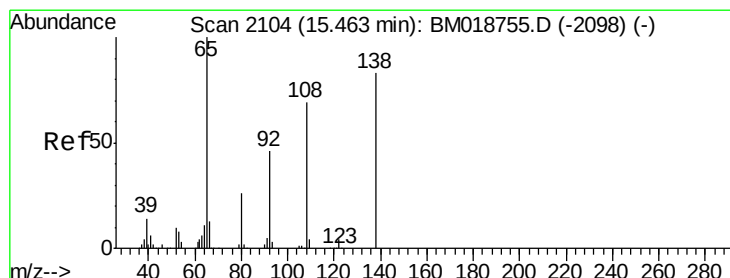
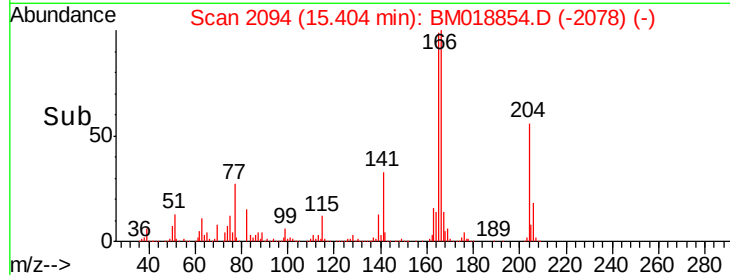
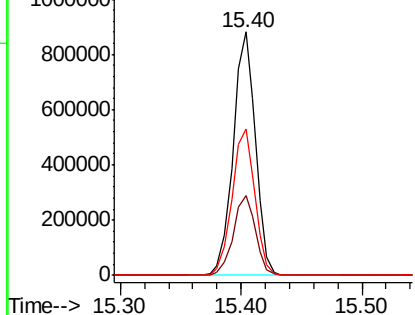
#61
 4-Chlorophenyl-phenylether
 Concen: 37.682 ng
 RT: 15.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1130177
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.2
 141 60.2 49.2 73.8

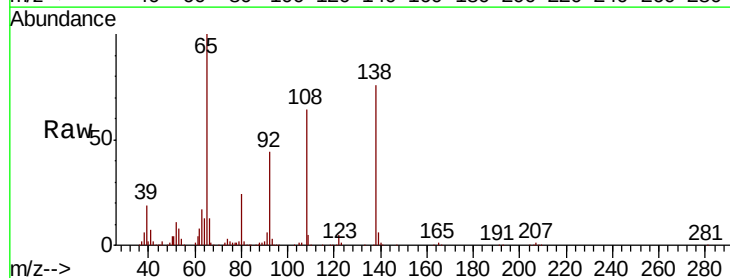


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

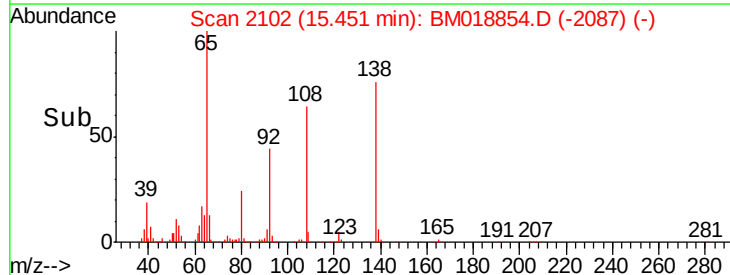
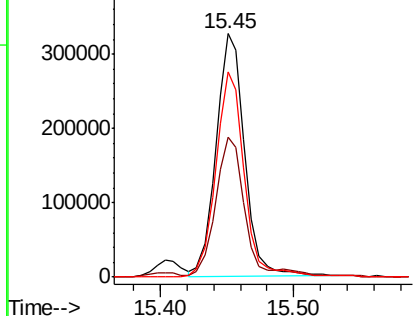


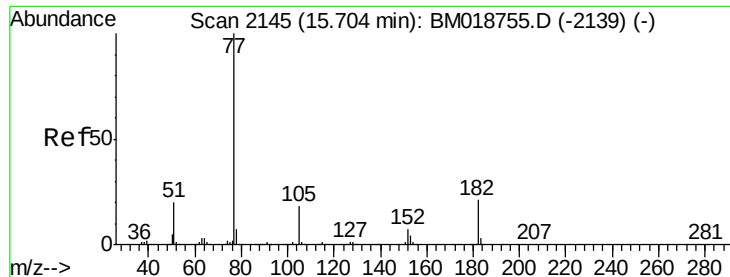
#62
 4-Nitroaniline
 Concen: 34.879 ng
 RT: 15.45 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM018854.D
 Acq: 19 Feb 2019 13:32

Tgt Ion:138 Resp: 488812
 Ion Ratio Lower Upper
 138 100
 92 57.7 35.5 75.5
 108 84.0 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: 41.127 ng

RT: 15.70 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

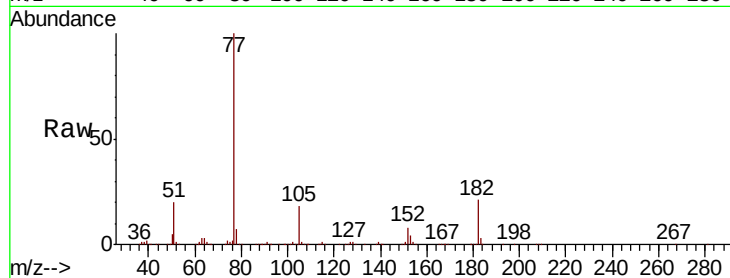
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2656696

Ion	Ratio	Lower	Upper
77	100		
182	21.1	1.0	41.0
105	18.0	0.0	37.7
51	20.4	0.3	40.3

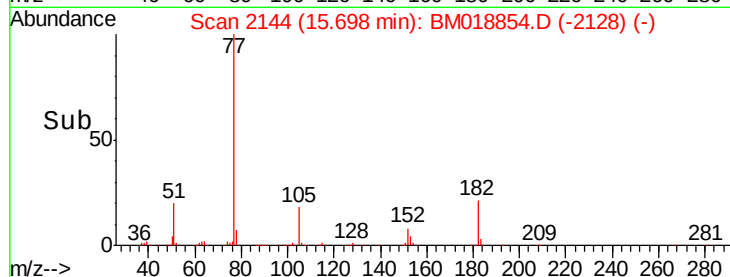


Abundance Ion 77.00 (76.70 to 77.70): BM018854.D (-2139) (-)

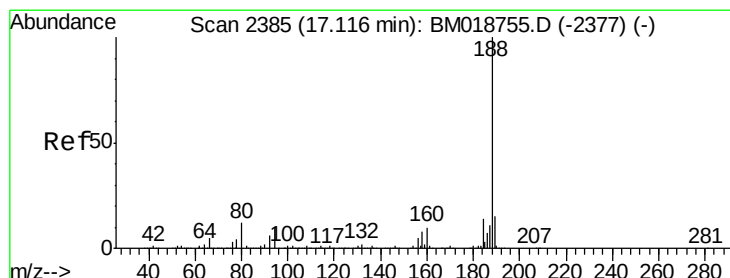
Ion 182.00 (181.70 to 182.70): BM018854.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM018854.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM018854.D (-2139) (-)



Time--> 15.60 15.70 15.80



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

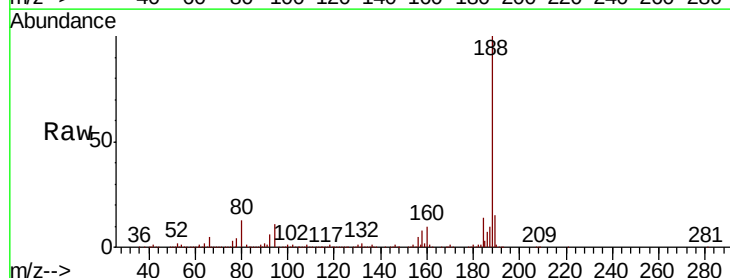
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion: 188 Resp: 1503920

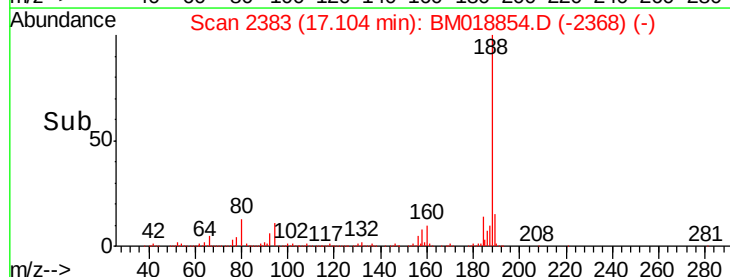
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	12.8	9.7	14.5



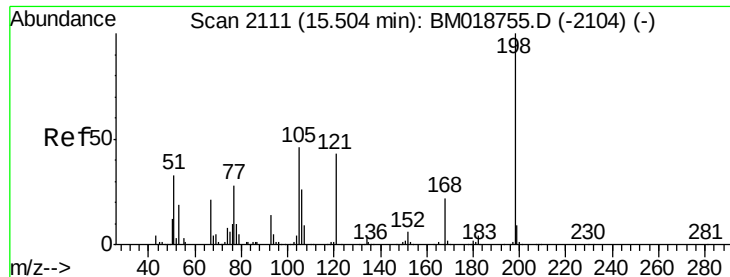
Abundance Ion 188.00 (187.70 to 188.70): BM018854.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018854.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018854.D (-2368) (-)



Time--> 17.00 17.10 17.20



#65

4,6-Dinitro-2-methylphenol

Concen: 34.426 ng

RT: 15.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

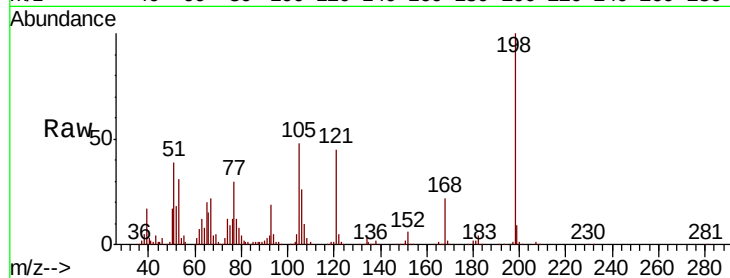
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 363509

Ion	Ratio	Lower	Upper
198	100		
51	38.8	18.4	58.4
105	47.5	27.2	67.2

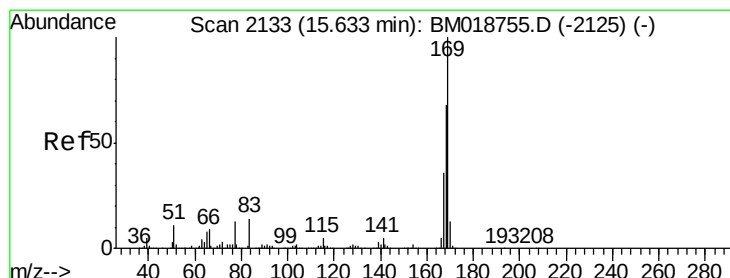
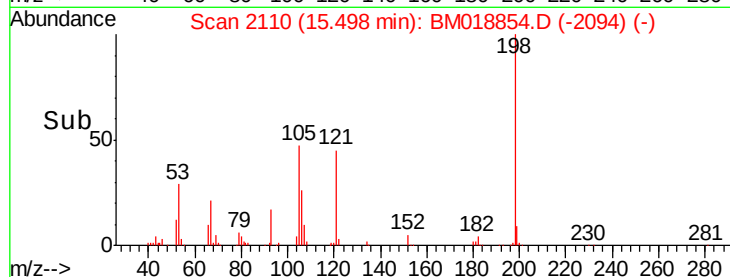
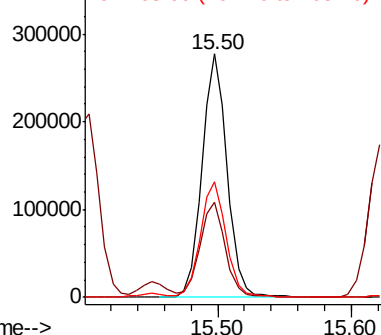


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.721 ng

RT: 15.62 min Scan# 2131

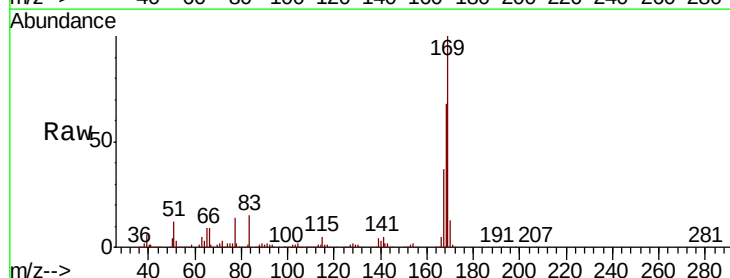
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:169 Resp: 1982386

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.8	29.0	43.6

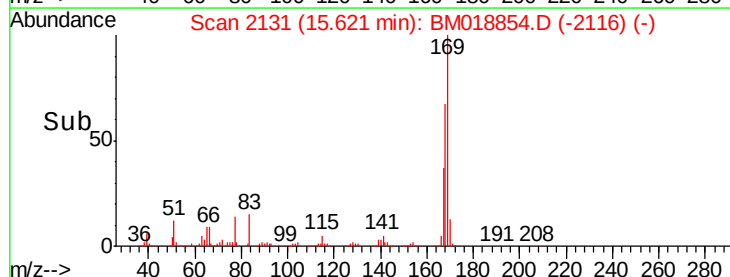
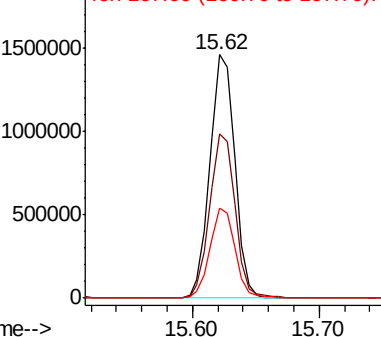


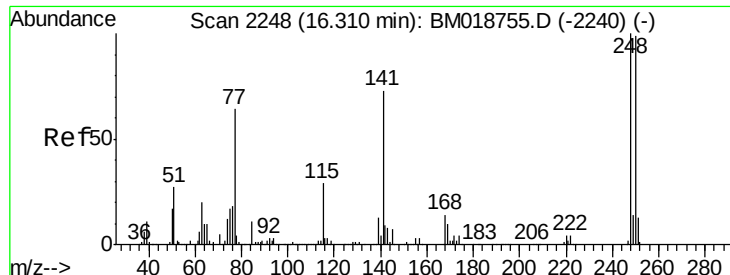
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

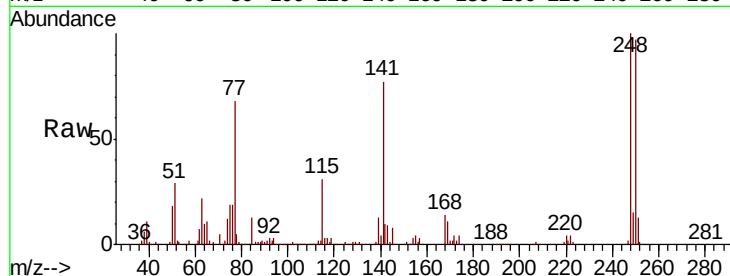




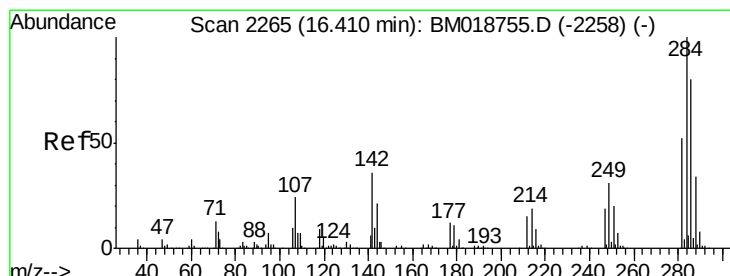
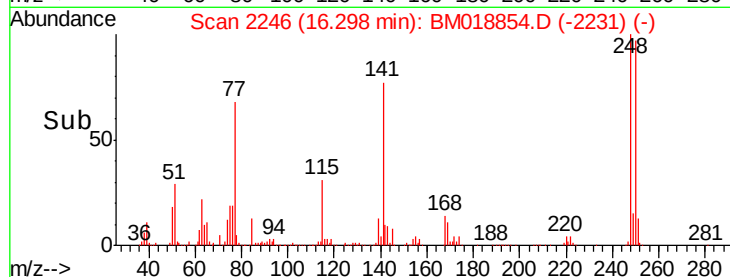
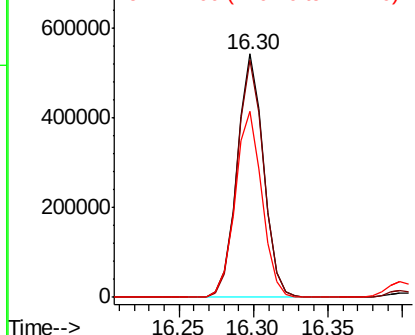
#67
4-Bromophenyl-phenylether
Concen: 39.577 ng
RT: 16.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 666230
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.6
141 76.6 58.6 88.0

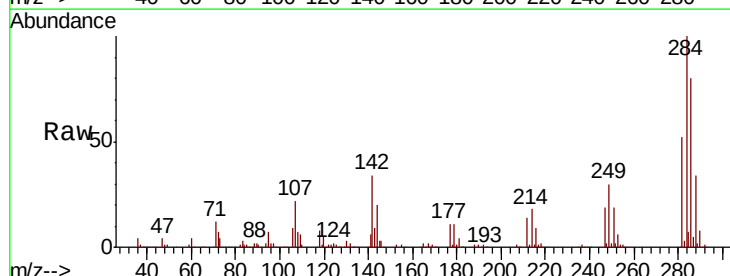


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

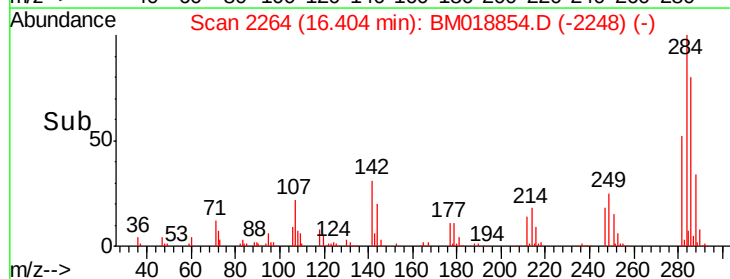
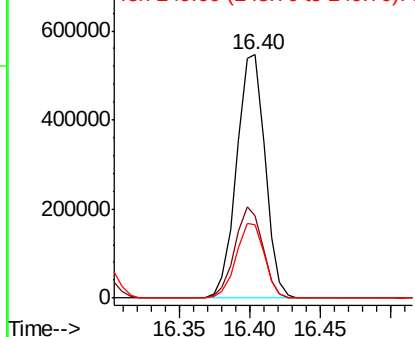


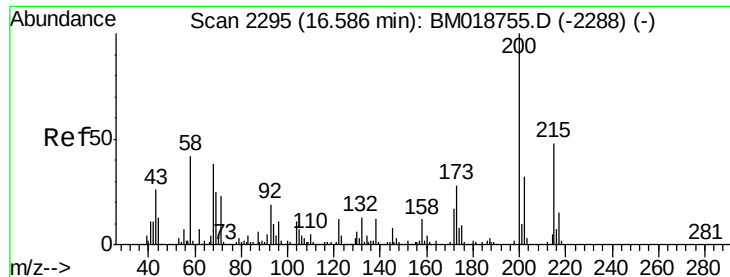
#68
Hexachlorobenzene
Concen: 39.249 ng
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion:284 Resp: 767973
Ion Ratio Lower Upper
284 100
142 33.6 28.9 43.3
249 30.0 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: 43.830 ng

RT: 16.58 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

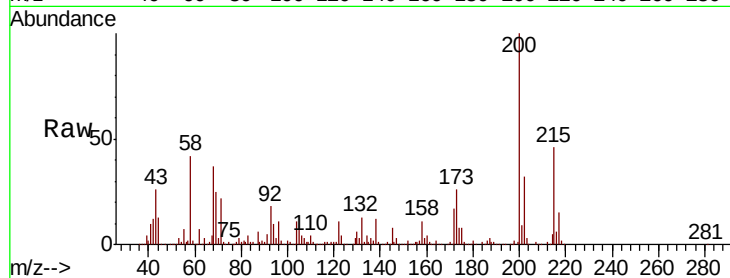
Tot Ion:200 Resp: 671394

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

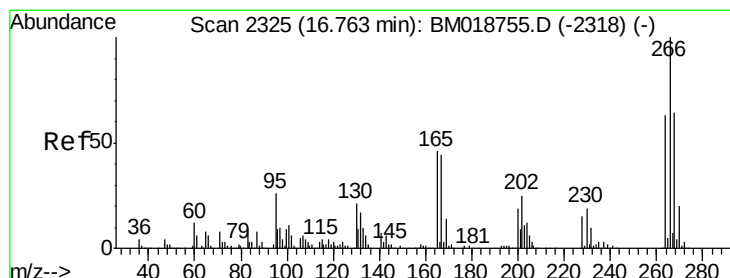
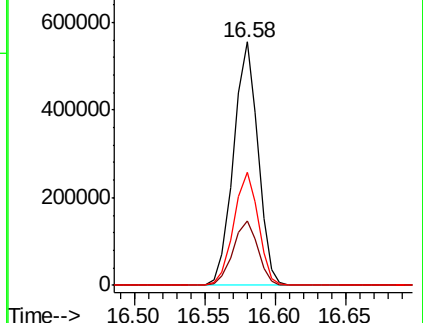
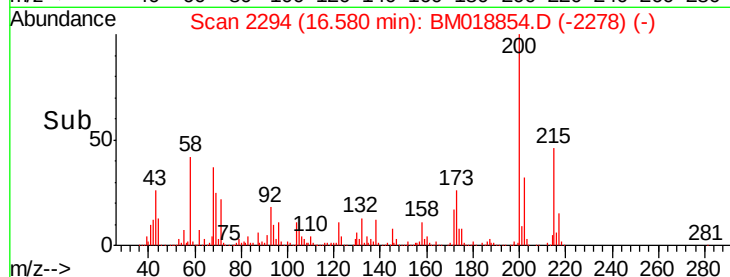
215 46.5 27.6 67.6



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: 75.290 ng

RT: 16.75 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

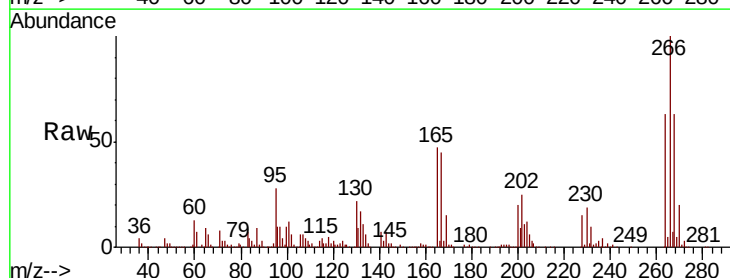
Tgt Ion:266 Resp: 948555

Ion Ratio Lower Upper

266 100

268 63.1 51.3 76.9

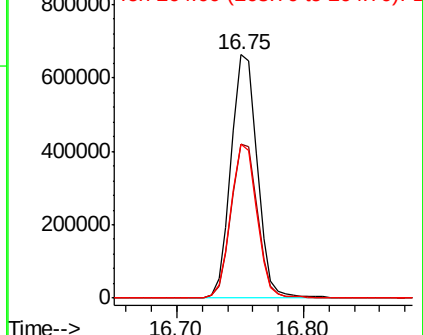
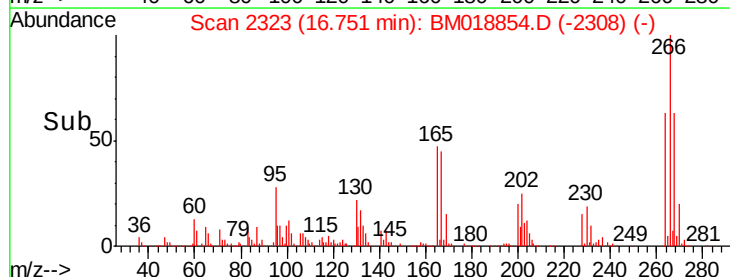
264 63.2 50.6 75.8

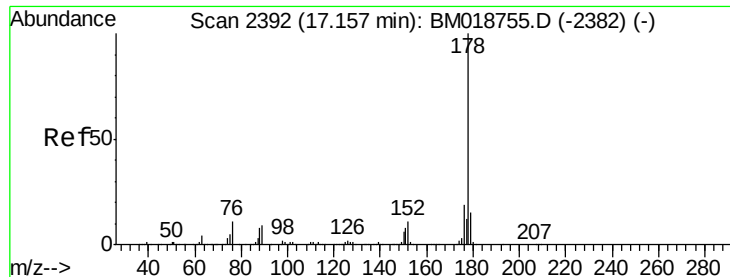


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

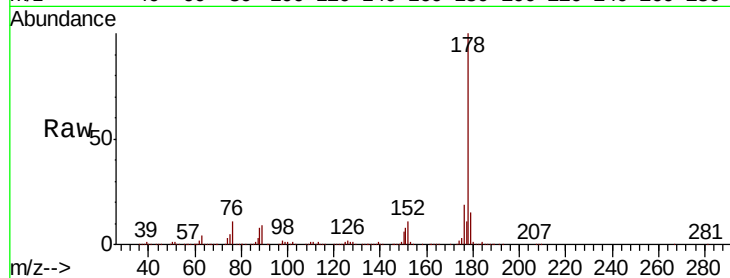




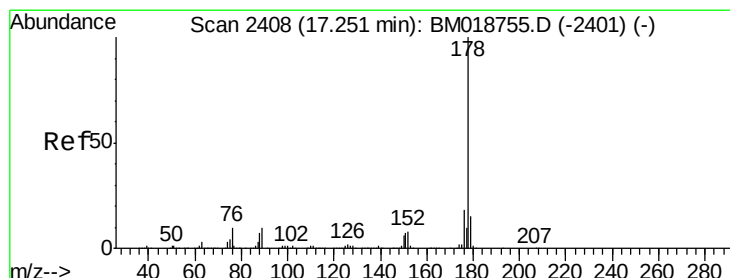
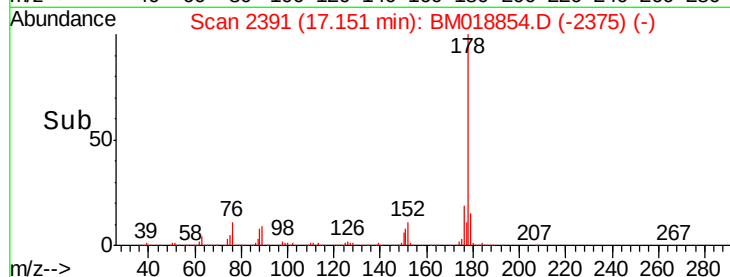
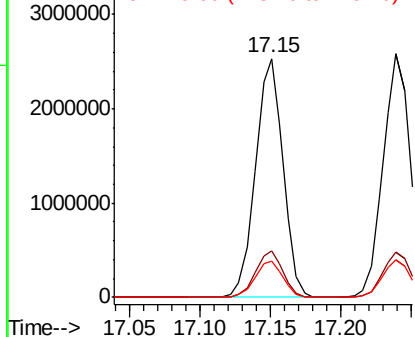
#71
Phenanthrene
Concen: 42.976 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 3473428
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.3 18.5

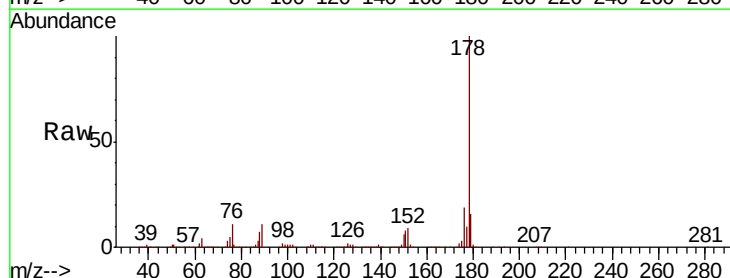


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

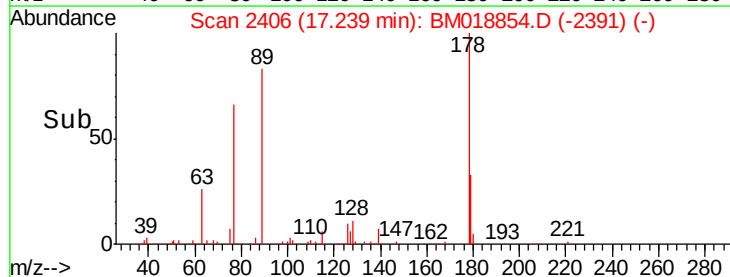
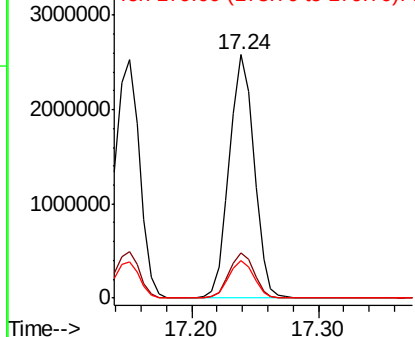


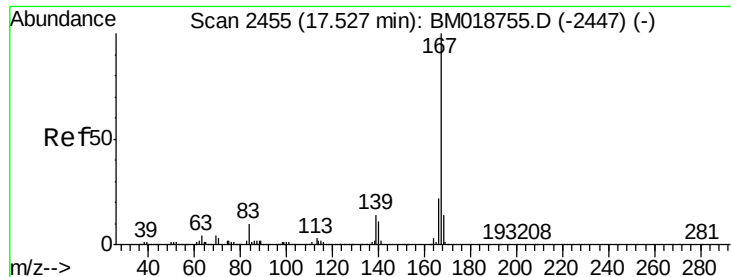
#72
Anthracene
Concen: 44.528 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion:178 Resp: 3502904
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.1 18.1



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





#73

Carbazole

Concen: 38.081 ng

RT: 17.52 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

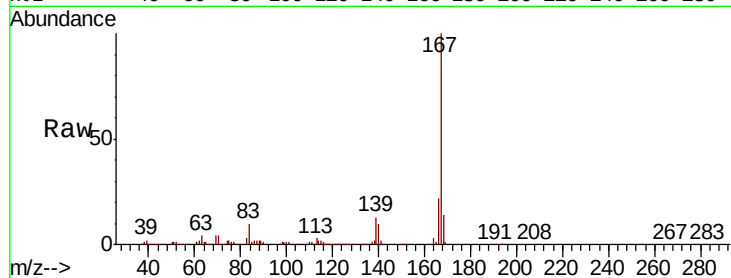
Instrument :

BNA_M

ClientSampled :

Tot Ion:167 Resp: 3129826

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.2	10.9	16.3

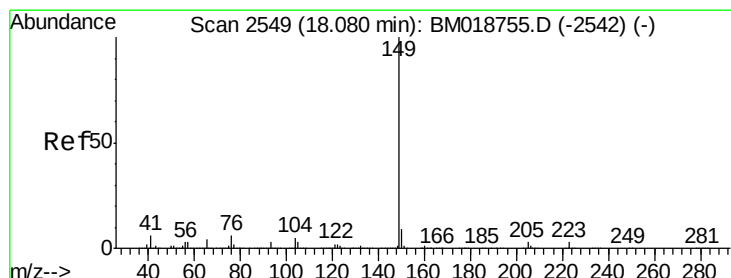
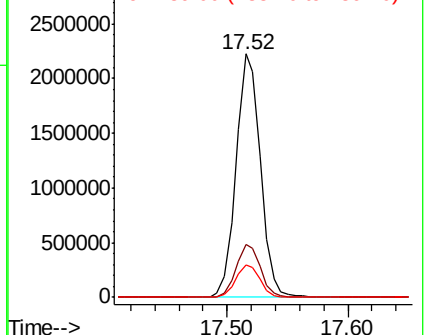
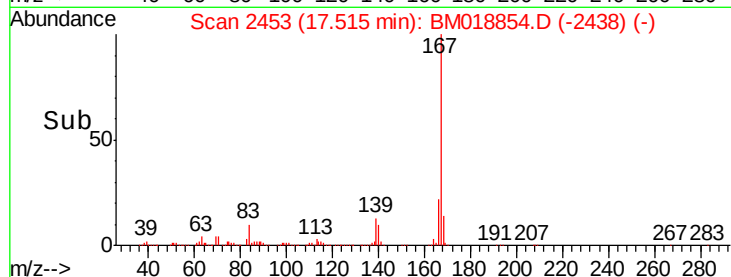


Abundance

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: 42.526 ng

RT: 18.07 min Scan# 2547

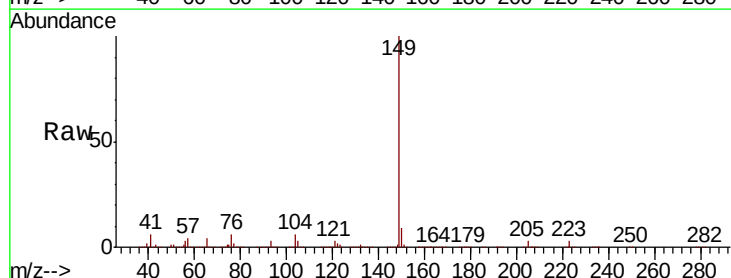
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:149 Resp: 4019708

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.5	4.3	6.5

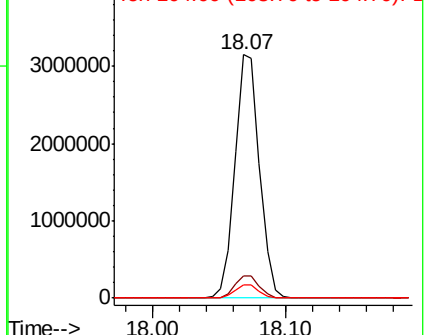
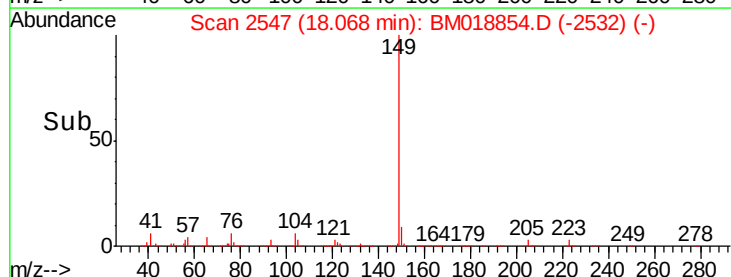


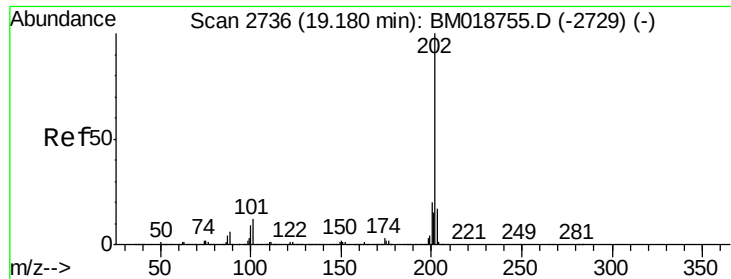
Abundance

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: 40.443 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

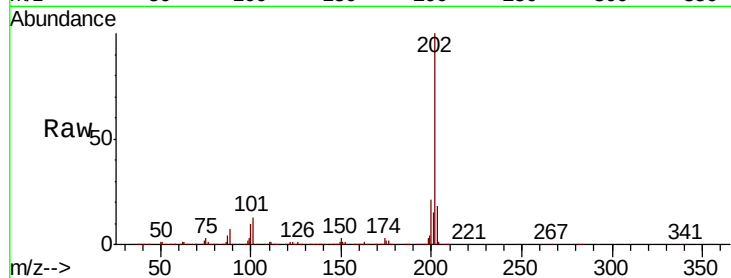
Tot Ion:202 Resp: 3775792

Ion Ratio Lower Upper

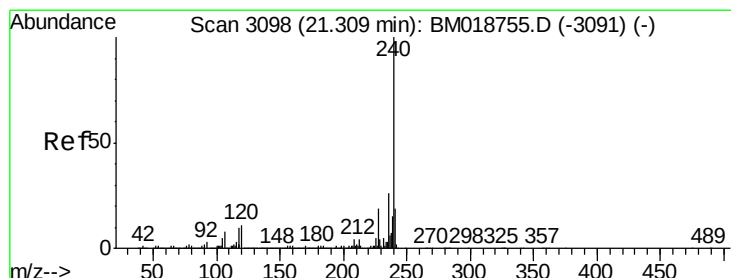
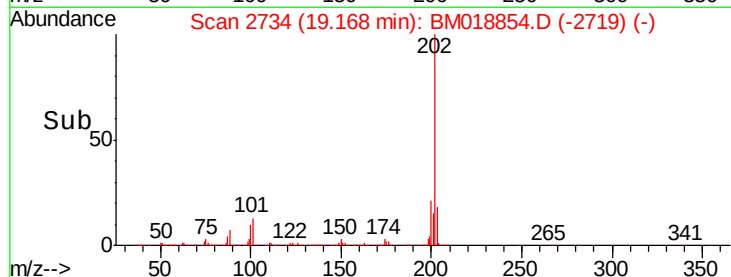
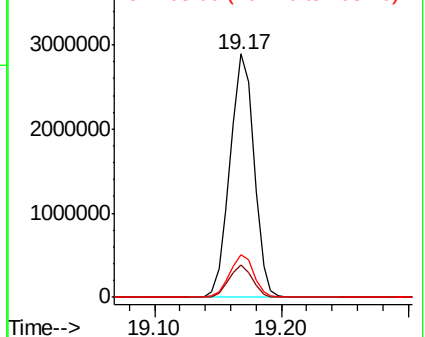
202 100

101 13.1 0.0 31.5

203 17.5 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: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

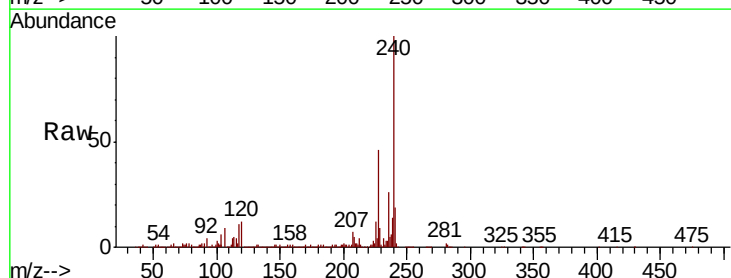
Tgt Ion:240 Resp: 1352237

Ion Ratio Lower Upper

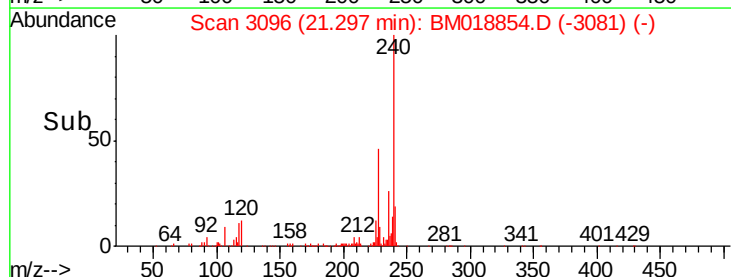
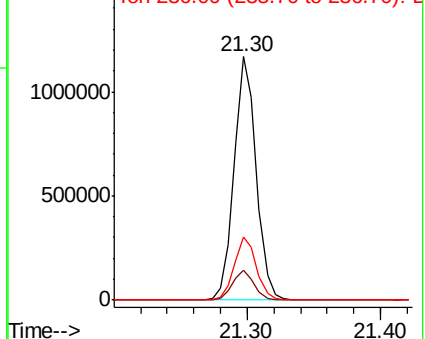
240 100

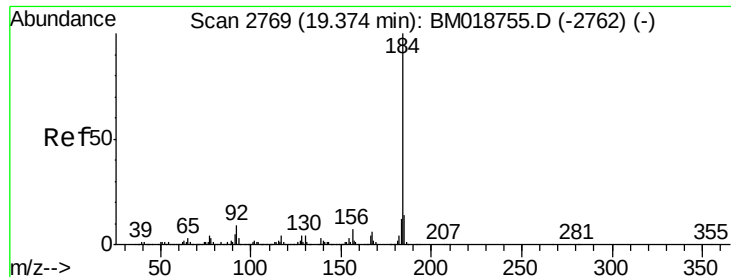
120 12.2 8.9 13.3

236 26.0 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: 38.382 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

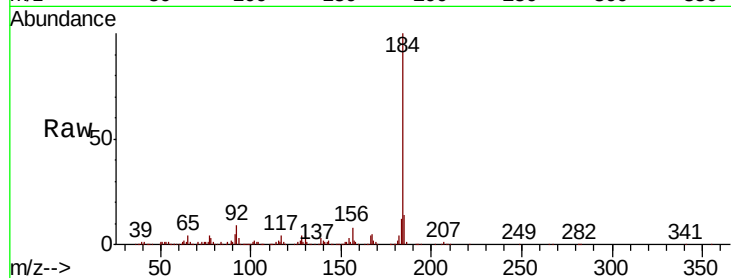
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1168882

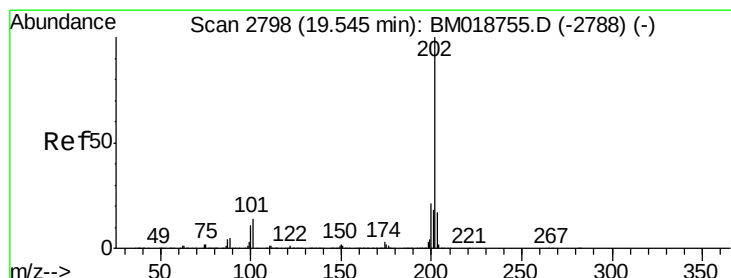
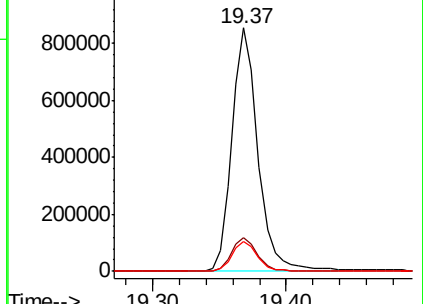
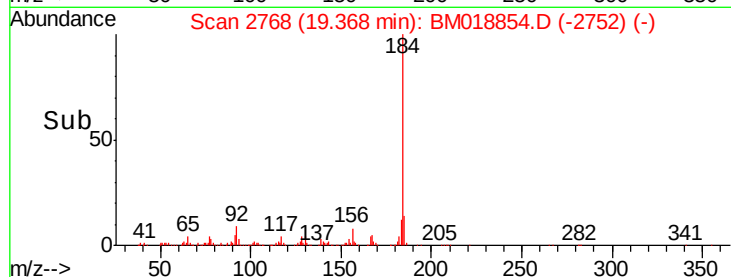
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.2	16.8
183	12.2	9.7	14.5



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: 49.142 ng

RT: 19.53 min Scan# 2796

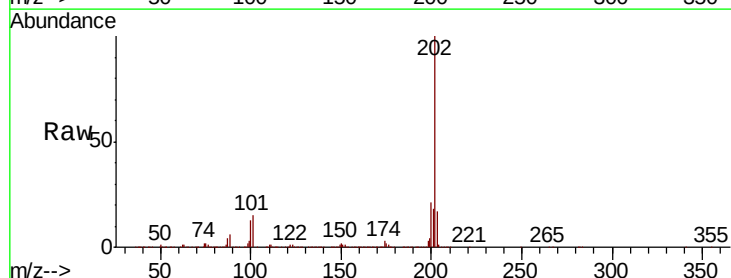
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:202 Resp: 3859415

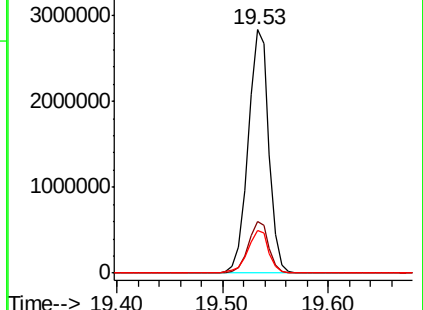
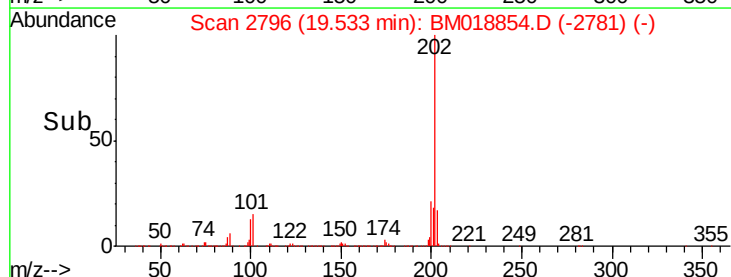
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.8	20.8

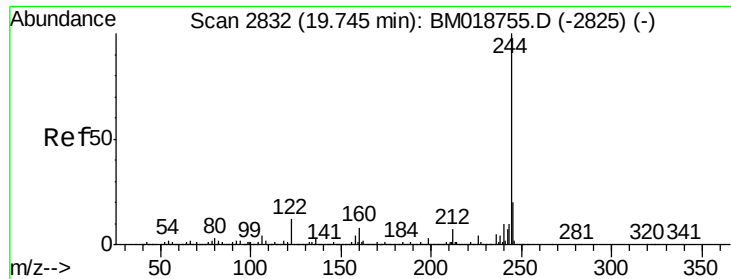


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.764 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

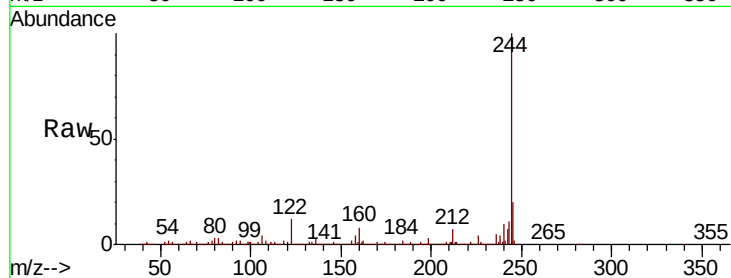
Tot Ion:244 Resp: 6539566

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

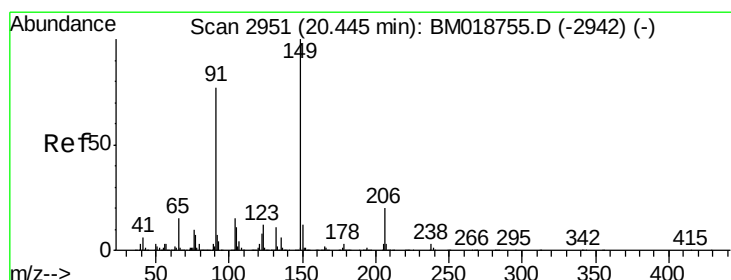
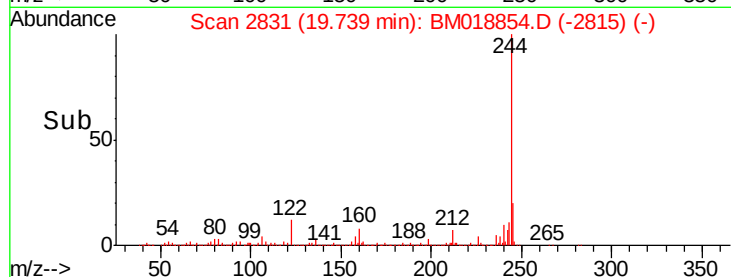
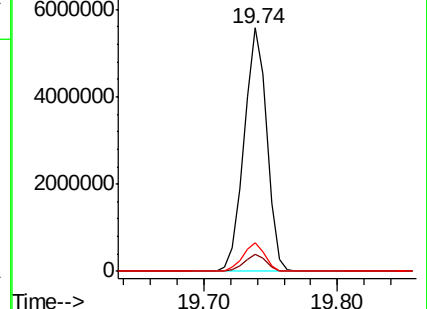
122 11.6 9.3 13.9



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: 49.364 ng

RT: 20.44 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

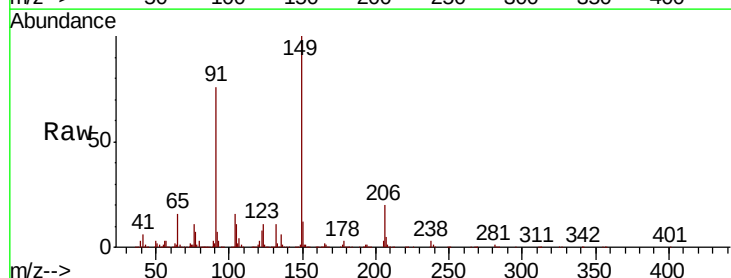
Tgt Ion:149 Resp: 1766838

Ion Ratio Lower Upper

149 100

91 76.1 61.4 92.0

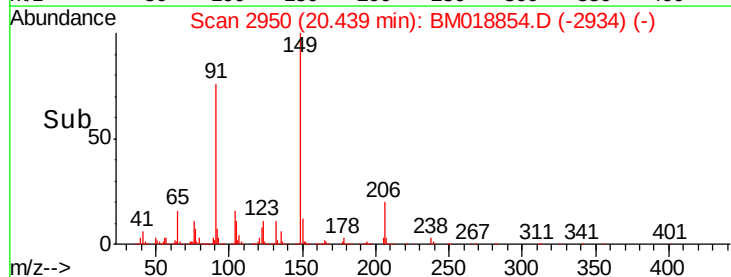
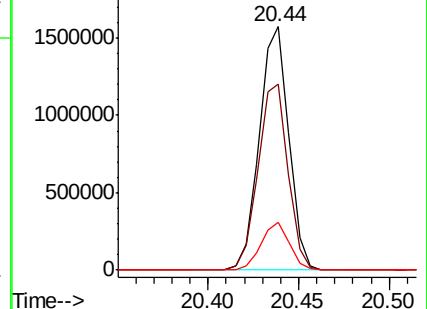
206 19.7 15.8 23.8

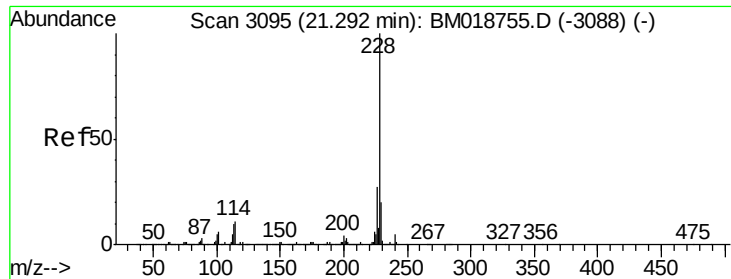


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.720 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

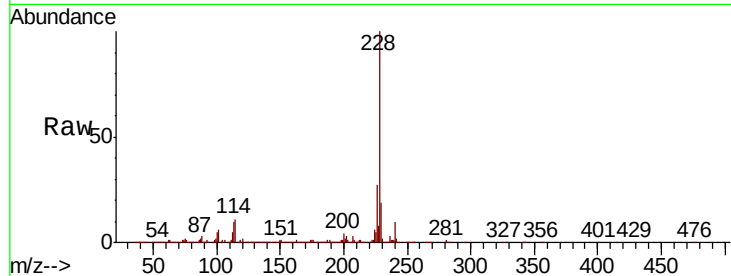
Tot Ion:228 Resp: 3446236

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

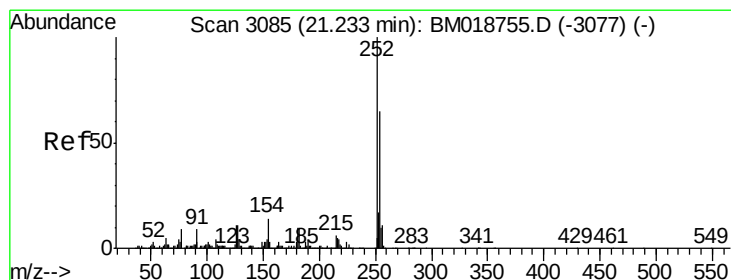
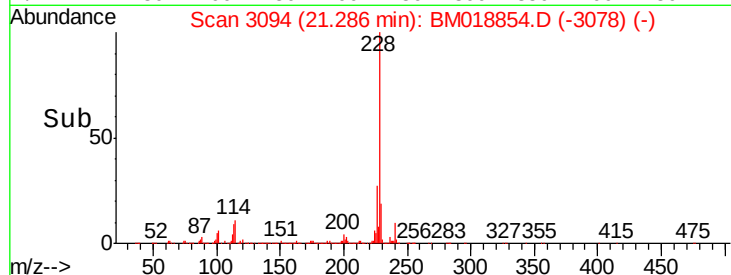
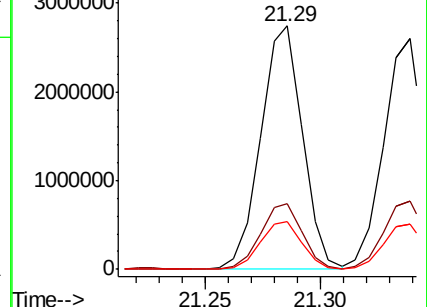
229 19.5 15.9 23.9



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: 30.636 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

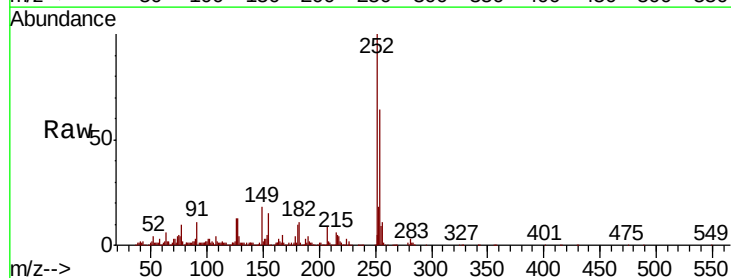
Tgt Ion:252 Resp: 954390

Ion Ratio Lower Upper

252 100

254 63.6 51.8 77.8

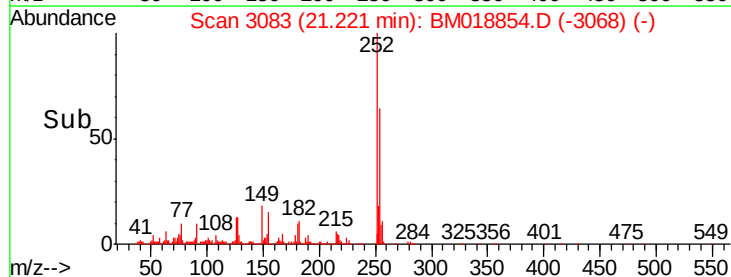
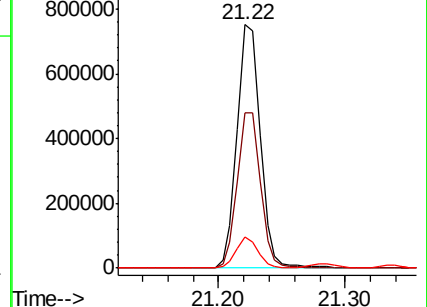
126 12.6 9.1 13.7

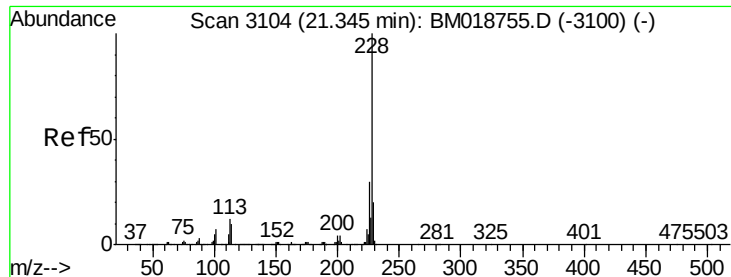


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.757 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

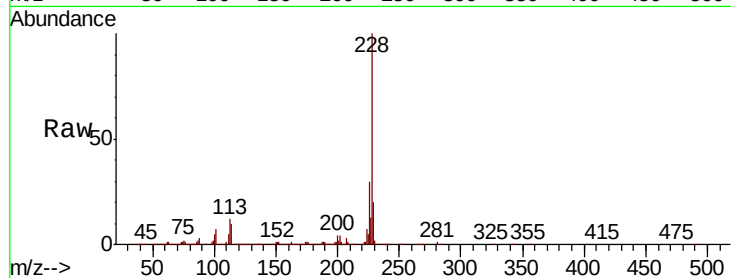
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3230357

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.9	16.0	24.0

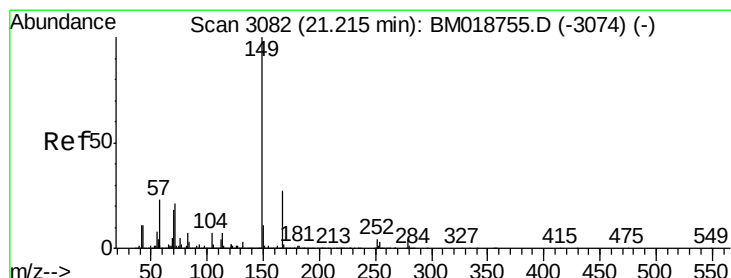
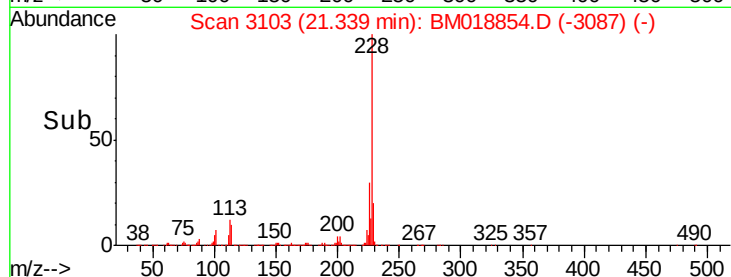
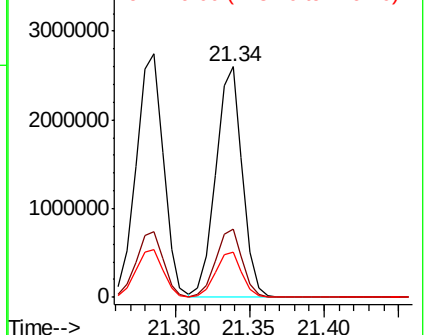


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.797 ng

RT: 21.20 min Scan# 3080

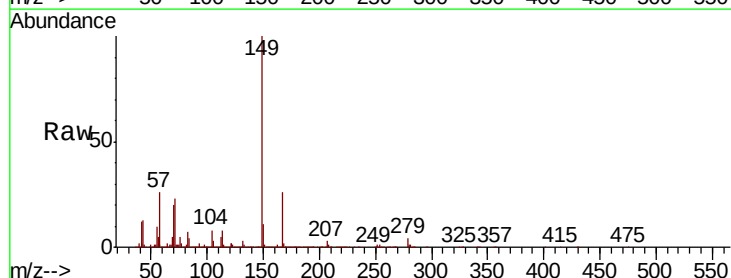
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:149 Resp: 2503864

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.6
279	3.9	3.6	5.4

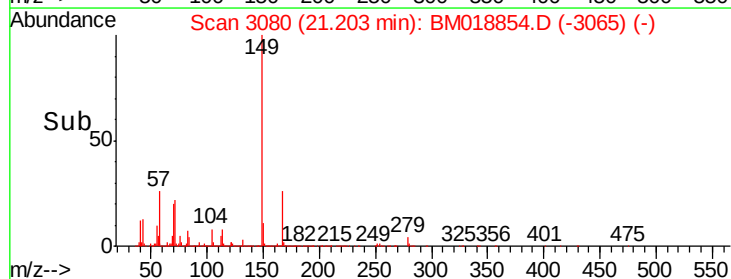
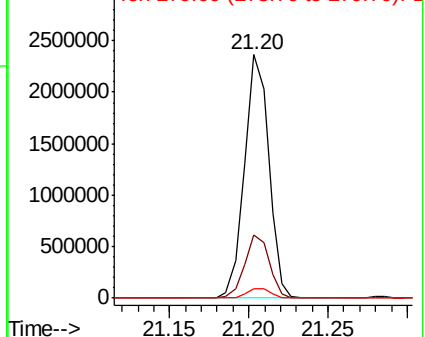


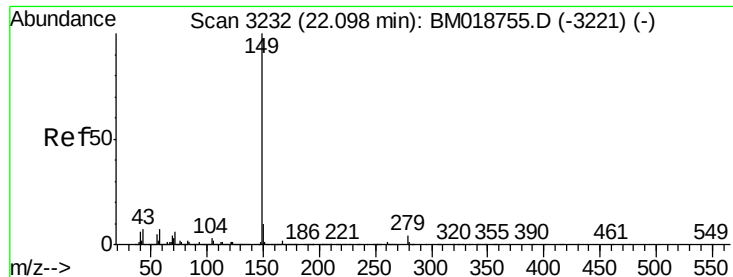
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.227 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Instrument :

BNA_M

ClientSampleId :

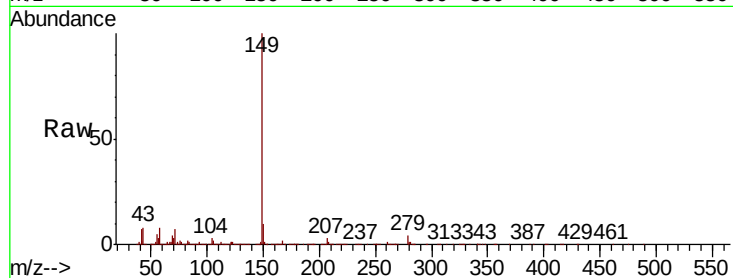
Tot Ion:149 Resp: 4158082

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

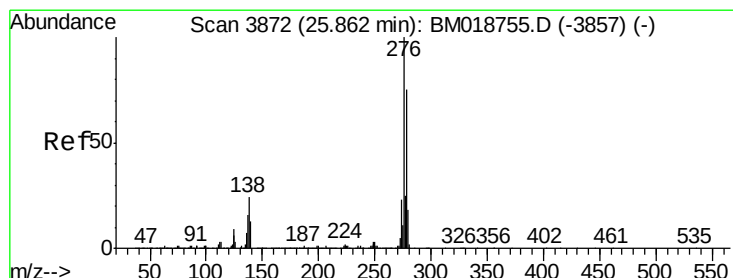
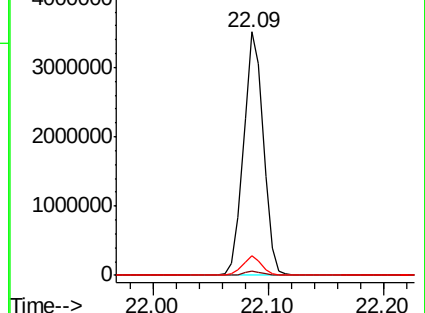
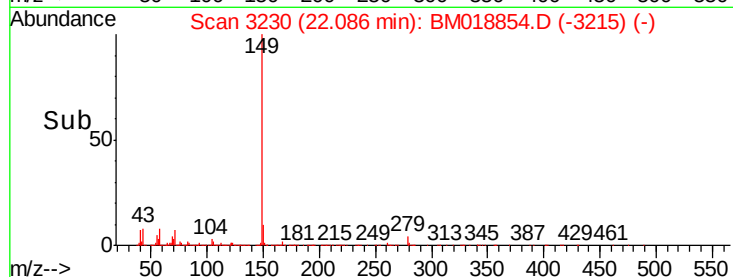
43 7.7 6.0 9.0



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: 37.338 ng

RT: 25.84 min Scan# 3868

Delta R.T. -0.02 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

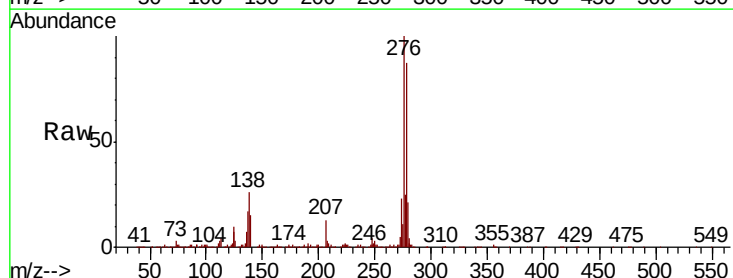
Tgt Ion:276 Resp: 3256922

Ion Ratio Lower Upper

276 100

138 26.0 20.2 30.4

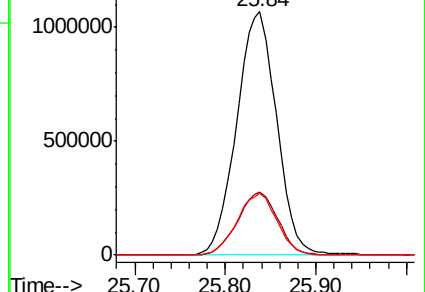
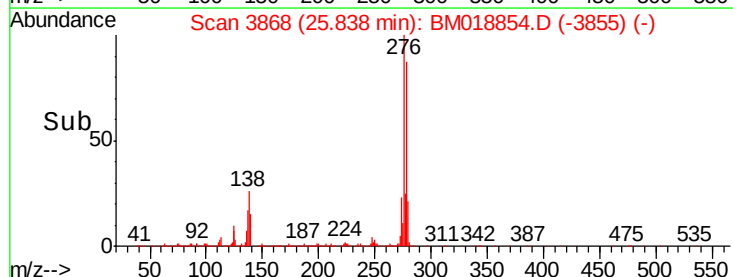
277 25.4 20.3 30.5

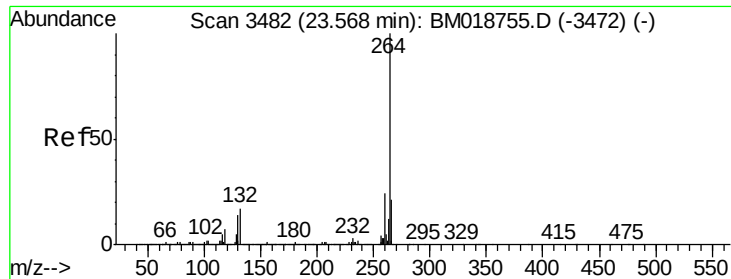


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

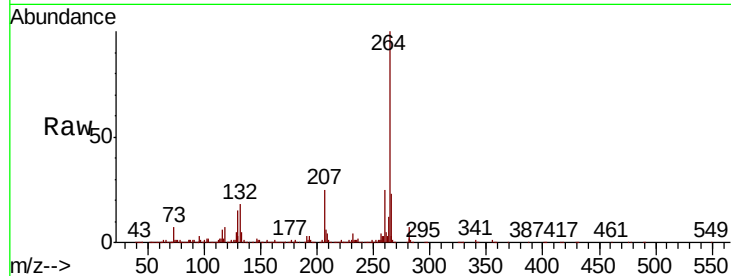
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1051008

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	22.6	17.3	25.9

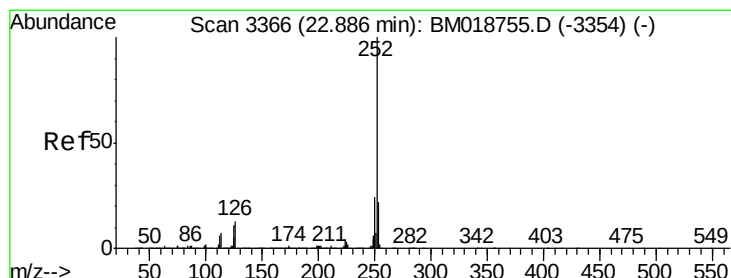
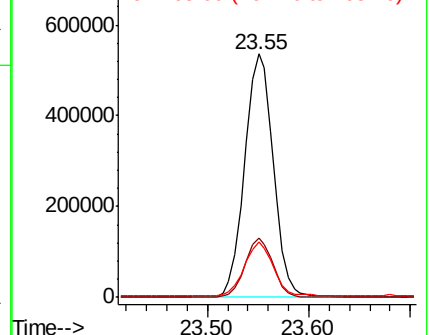
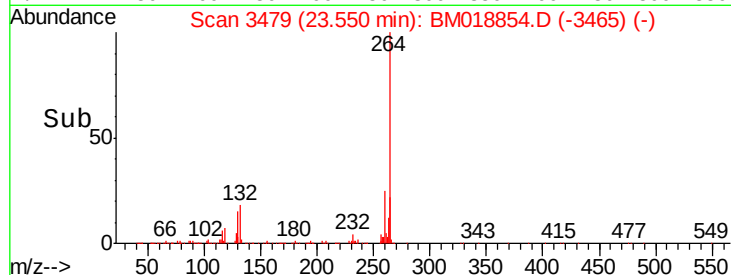


Abundance

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: 50.324 ng

RT: 22.87 min Scan# 3364

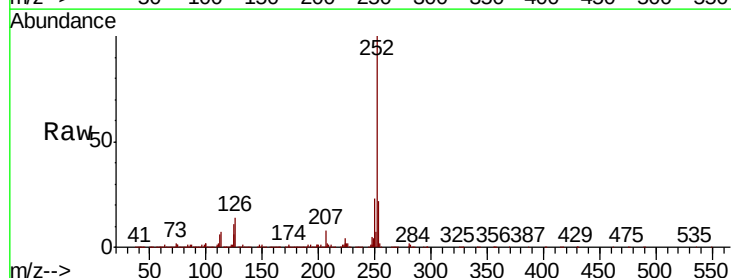
Delta R.T. -0.01 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:252 Resp: 3026078

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.8	8.6	12.8

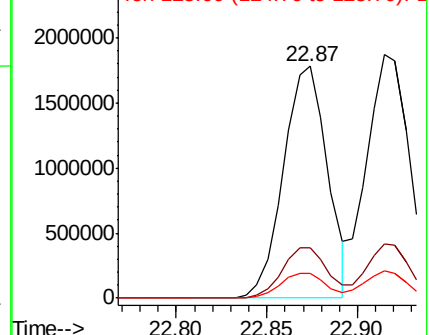
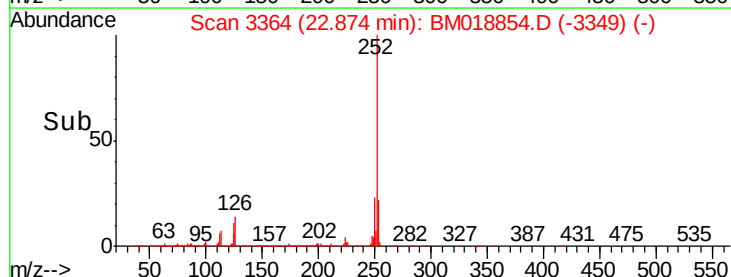


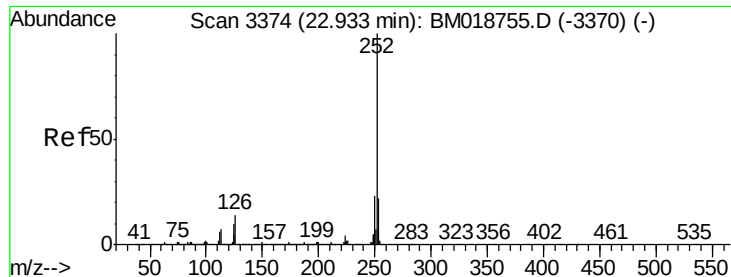
Abundance

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

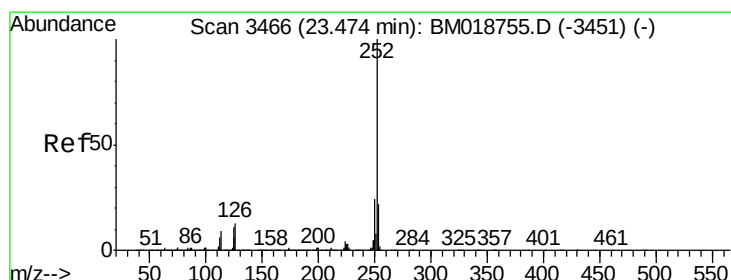
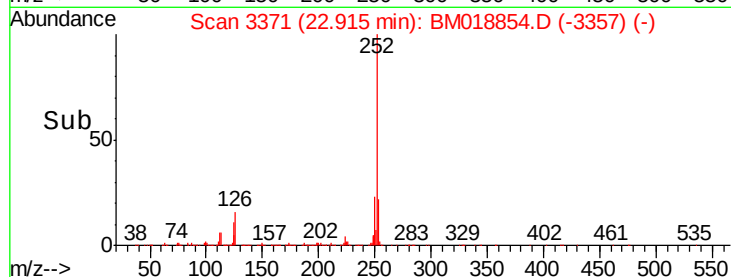
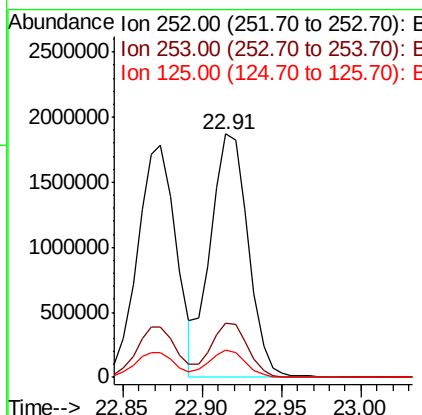
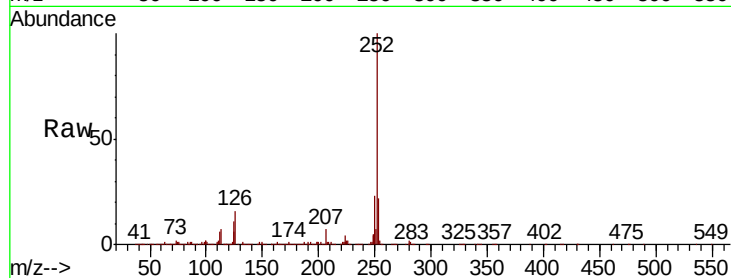




#89
Benzo(k)fluoranthene
Concen: 51.536 ng
RT: 22.91 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

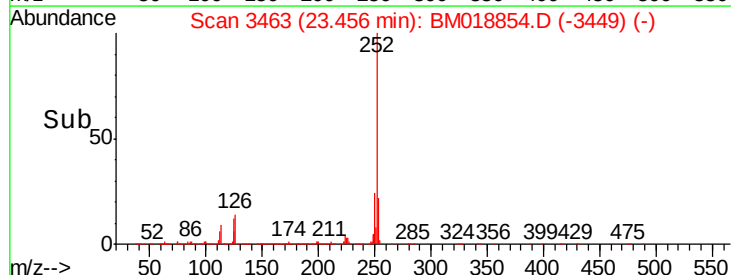
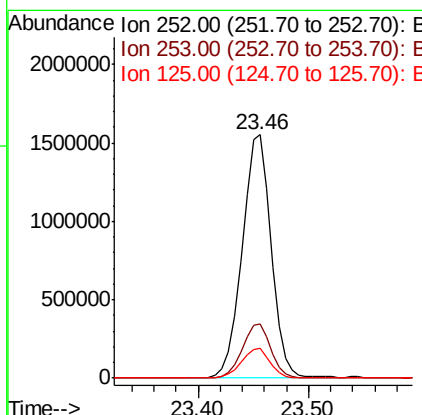
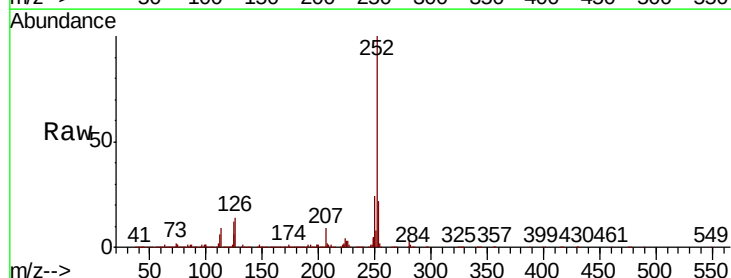
Instrument :
BNA_M
ClientSampleId :

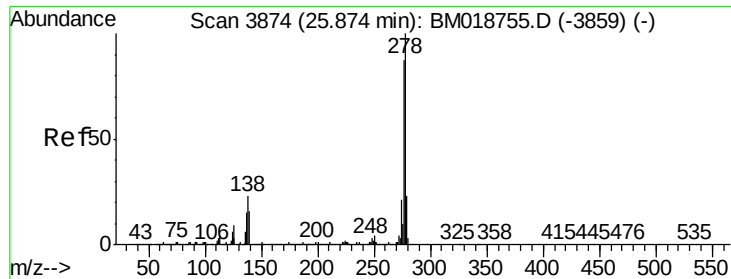
Tot Ion:252 Resp: 3085248
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.2 8.2 12.4



#90
Benzo(a)pyrene
Concen: 50.181 ng
RT: 23.46 min Scan# 3463
Delta R.T. -0.02 min
Lab File: BM018854.D
Acq: 19 Feb 2019 13:32

Tgt Ion:252 Resp: 2858540
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 12.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 49.517 ng

RT: 25.84 min Scan# 3869

Delta R.T. -0.03 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

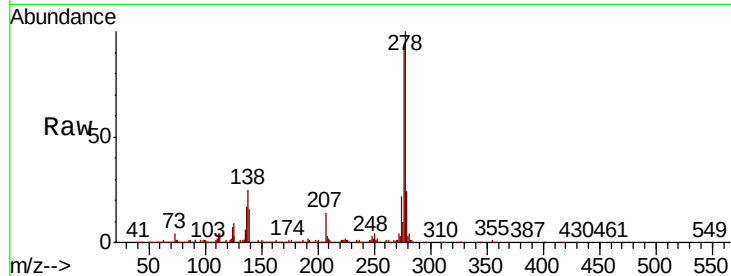
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2794597

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	18.8
279	23.9	18.6	28.0

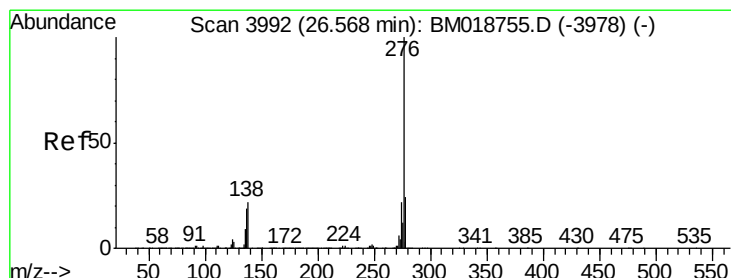
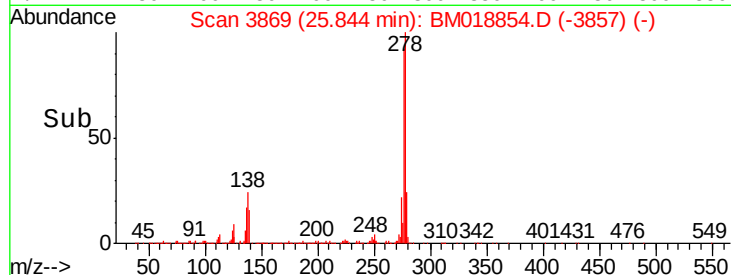
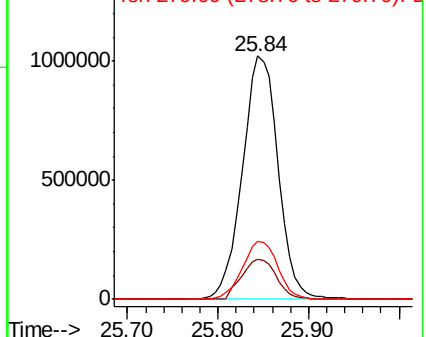


Abundance

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: 50.367 ng

RT: 26.53 min Scan# 3986

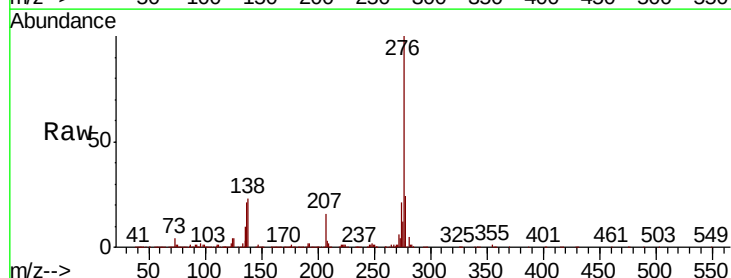
Delta R.T. -0.04 min

Lab File: BM018854.D

Acq: 19 Feb 2019 13:32

Tgt Ion:276 Resp: 2646354

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	22.7	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

