

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021519\
 Data File : BM018822.D
 Acq On : 15 Feb 2019 18:19
 Operator : JU/SJ
 Sample : K1501-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Quant Time: Feb 15 22:22:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	331069	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1384378	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	811509	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1892298	20.00	ng	0.00
76) Chrysene-d12	21.31	240	2101467	20.00	ng	0.00
87) Perylene-d12	23.56	264	1857927	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	4722456	233.72	ng	0.00
7) Phenol-d6	6.90	99	6915277	242.94	ng	0.01
23) Nitrobenzene-d5	8.88	82	4511301	150.68	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	3080720	263.36	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	8491774	138.91	ng	0.00
79) Terphenyl-d14	19.74	244	12512257	122.83	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.25	88	414219	47.067	ng	98
3) Pyridine	3.65	79	1285471	53.549	ng	99
4) n-Nitrosodimethylamine	3.56	42	478207	78.306	ng	91
6) Aniline	7.06	93	2361299	67.704	ng	99
8) 2-Chlorophenol	7.28	128	1617042	72.891	ng	99
9) Benzaldehyde	6.86	77	734744	50.622	ng	97
10) Phenol	6.92	94	2594780	86.634	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1538015	67.317	ng	99
12) 1,3-Dichlorobenzene	7.59	146	1539577	61.718	ng	100
13) 1,4-Dichlorobenzene	7.75	146	1594279	62.778	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1561007	63.992	ng	99
15) Benzyl Alcohol	7.96	79	1710583	75.629	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	1474211	66.668	ng	98
17) 2-Methylphenol	8.16	107	1444354	75.768	ng	99
18) Hexachloroethane	8.77	117	601920	64.929	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	1561101	70.831	ng	99
20) 3+4-Methylphenols	8.49	107	2020957	76.775	ng	97
22) Acetophenone	8.55	105	2570424	67.611	ng	# 99
24) Nitrobenzene	8.92	77	2177037	70.052	ng	100
25) Isophorone	9.45	82	3974121	83.189	ng	99
26) 2-Nitrophenol	9.62	139	918005	74.175	ng	100
27) 2,4-Dimethylphenol	9.68	122	1561364	86.376	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	2272630	73.566	ng	100
29) 2,4-Dichlorophenol	10.15	162	1616929	77.902	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	1609651	67.153	ng	99
31) Naphthalene	10.55	128	4963291	73.511	ng	99
32) Benzoic acid	9.89	122	1058589	67.135	ng	95
33) 4-Chloroaniline	10.67	127	787945	26.107	ng	99
34) Hexachlorobutadiene	10.81	225	862286	61.976	ng	100
35) Caprolactam	11.52	113	276757	32.672	ng	91
36) 4-Chloro-3-methylphenol	11.80	107	1970712	78.751	ng	99
37) 2-Methylnaphthalene	12.17	142	3786029	79.645	ng	99
38) 1-Methylnaphthalene	12.39	142	3587950	77.186	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1807043	69.610	ng	99

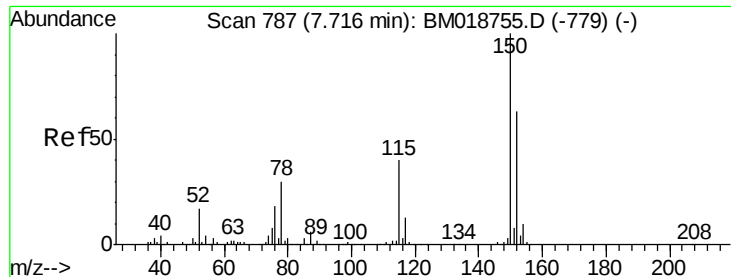
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	2078177	156.580	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	1353631	78.768	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	1458746	80.986	ng	99
46) 1,1'-Biphenyl	13.19	154	4842870	69.329	ng	100
47) 2-Chloronaphthalene	13.23	162	3798820	70.409	ng	100
48) 2-Nitroaniline	13.46	65	1430244	79.817	ng	99
49) Acenaphthylene	14.09	152	6315732	78.615	ng	99
50) Dimethylphthalate	13.83	163	5455651	80.668	ng	99
51) 2,6-Dinitrotoluene	13.96	165	1137700	77.657	ng	99
52) Acenaphthene	14.43	154	3650169	74.098	ng	99
53) 3-Nitroaniline	14.29	138	740481	44.733	ng	97
54) 2,4-Dinitrophenol	14.50	184	1427327	148.244	ng	96
55) Dibenzofuran	14.76	168	5929390	73.231	ng	99
56) 4-Nitrophenol	14.62	139	2113726	159.959	ng	97
57) 2,4-Dinitrotoluene	14.75	165	1653126	81.897	ng	97
58) Fluorene	15.42	166	4993245	80.610	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	1348462	84.695	ng	100
60) Diethylphthalate	15.20	149	5248345	75.230	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	2483510	71.509	ng	96
62) 4-Nitroaniline	15.47	138	1226602	75.584	ng	99
63) Azobenzene	15.70	77	5652570	75.567	ng	99
65) 4,6-Dinitro-2-methylphenol	15.51	198	947978	71.352	ng	99
66) n-Nitrosodiphenylamine	15.63	169	4343195	72.647	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	1508177	71.204	ng	99
68) Hexachlorobenzene	16.41	284	1753244	71.213	ng	97
69) Atrazine	16.59	200	1445033	74.973	ng	100
70) Pentachlorophenol	16.76	266	2431545	153.389	ng	100
71) Phenanthrene	17.16	178	7822513	76.921	ng	99
72) Anthracene	17.25	178	8032190	81.147	ng	99
73) Carbazole	17.53	167	7465283	72.189	ng	100
74) Di-n-butylphthalate	18.08	149	9280418	78.031	ng	99
75) Fluoranthene	19.18	202	9406533	80.076	ng	98
77) Benzidine	19.38	184	5921809	125.123	ng	100
78) Pyrene	19.54	202	9597296	78.633	ng	98
80) Butylbenzylphthalate	20.44	149	4753893	85.466	ng	99
81) Benzo(a)anthracene	21.30	228	9588920	78.278	ng	98
82) 3,3'-Dichlorobenzidine	21.23	252	2198387	45.409	ng	100
83) Chrysene	21.35	228	8889845	75.714	ng	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	6828739	83.880	ng	97
85) Di-n-octyl phthalate	22.10	149	11157256	81.542	ng	99
86) Indeno(1,2,3-cd)pyrene	25.87	276	8754444	64.581	ng	99
88) Benzo(b)fluoranthene	22.89	252	8828788	83.056	ng	99
89) Benzo(k)fluoranthene	22.94	252	8890235	84.007	ng	99
90) Benzo(a)pyrene	23.47	252	8297616	82.400	ng	98
91) Dibenzo(a,h)anthracene	25.88	278	7454400	74.718	ng	98
92) Benzo(g,h,i)perylene	26.57	276	6815967	73.384	ng	99

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

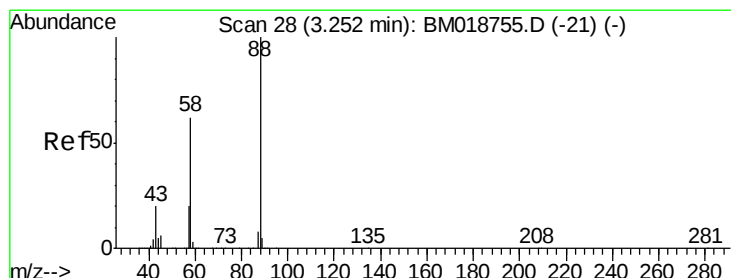
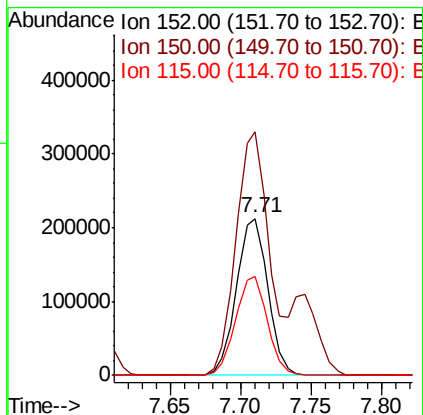
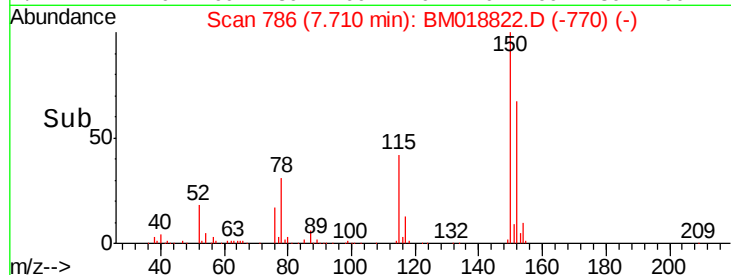
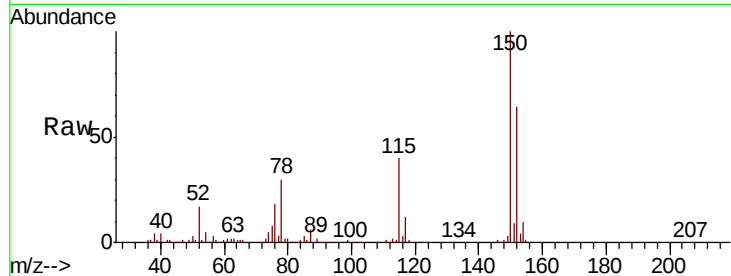


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

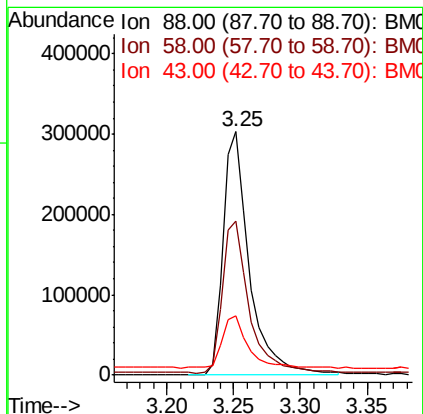
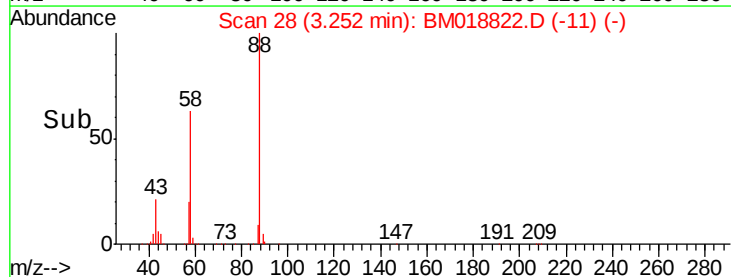
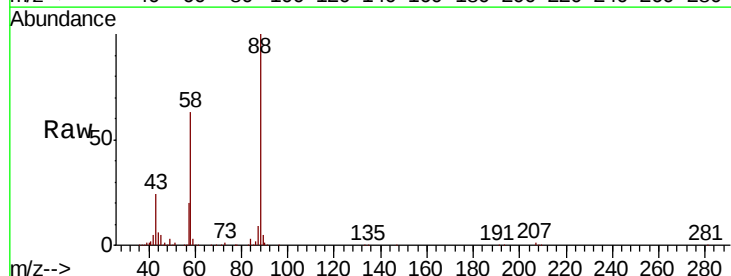
Tgt Ion:152 Resp: 331069
Ion Ratio Lower Upper
152 100
150 155.3 127.3 190.9
115 62.8 50.8 76.2

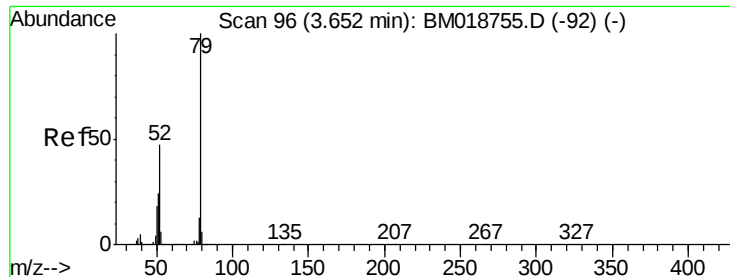


#2

1,4-Dioxane
Concen: 47.067 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion: 88 Resp: 414219
Ion Ratio Lower Upper
88 100
58 64.2 49.8 74.6
43 21.0 16.7 25.1





#3

Pyridine

Concen: 53.549 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

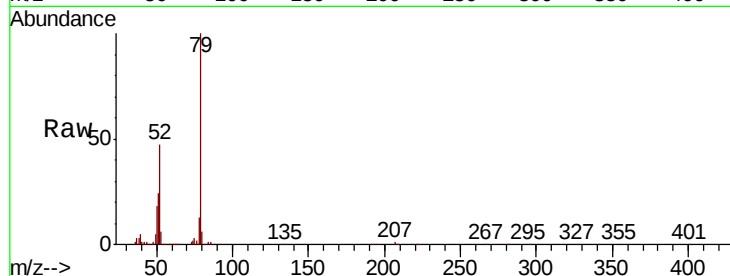
Tgt Ion: 79 Resp: 1285471

Ion Ratio Lower Upper

79 100

52 47.4 37.6 56.4

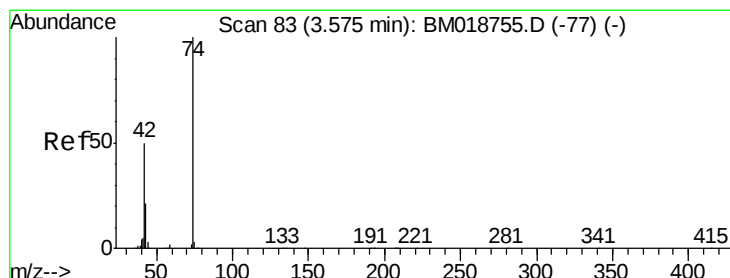
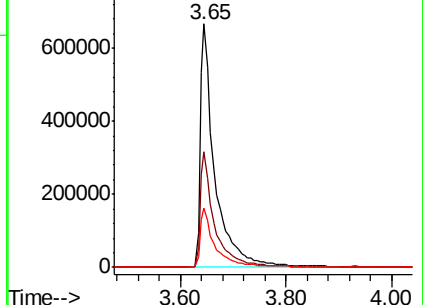
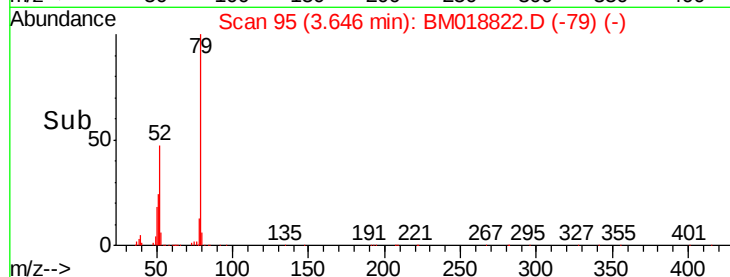
51 24.2 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018822.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM018822.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM018822.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 78.306 ng

RT: 3.56 min Scan# 81

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

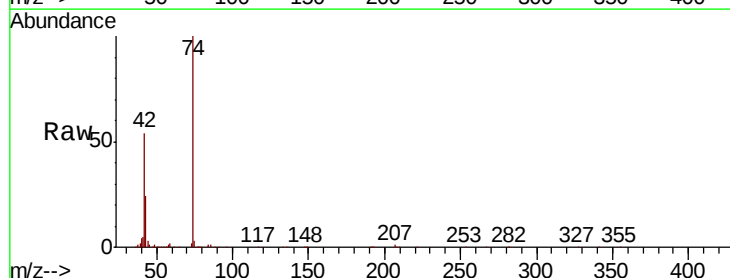
Tgt Ion: 42 Resp: 478207

Ion Ratio Lower Upper

42 100

74 184.4 158.1 237.1

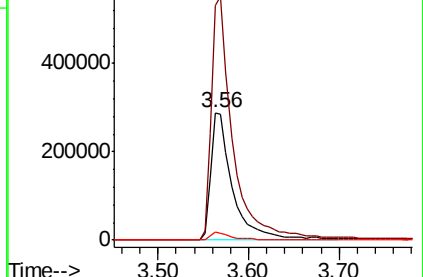
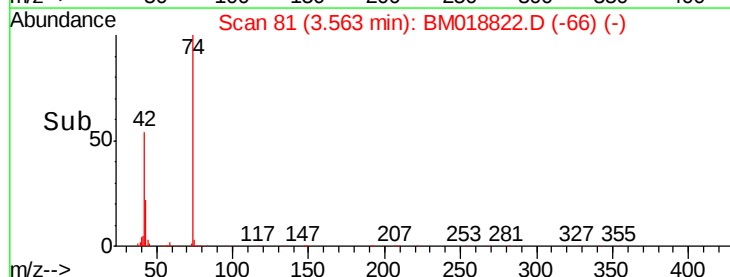
44 5.9 4.9 7.3

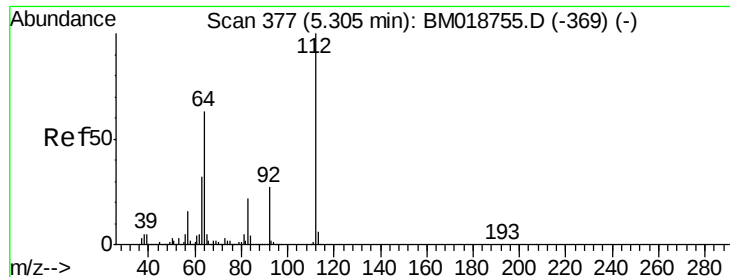


Abundance Ion 42.00 (41.70 to 42.70): BM018822.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BM018822.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BM018822.D (-66) (-)





#5

2-Fluorophenol

Concen: 233.716 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

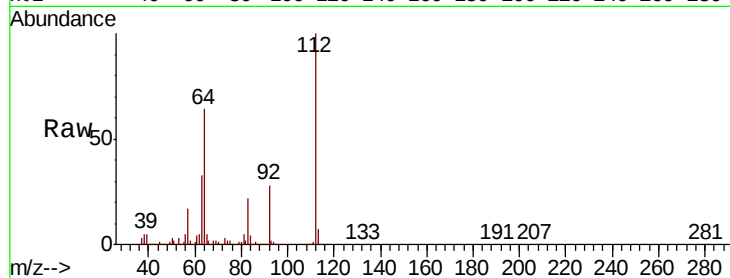
Tgt Ion: 112 Resp: 4722456

Ion Ratio Lower Upper

112 100

64 63.9 50.6 75.8

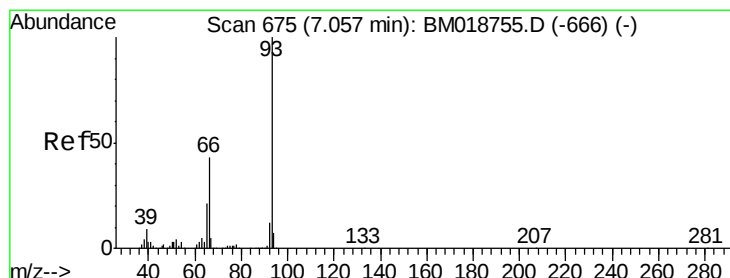
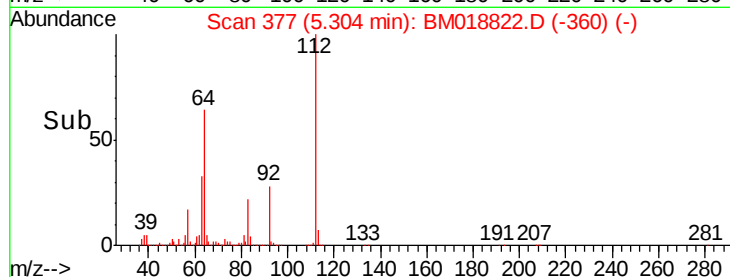
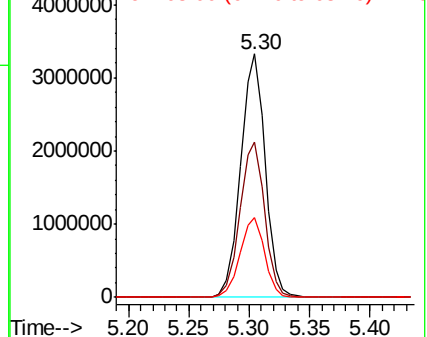
63 32.8 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 67.704 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

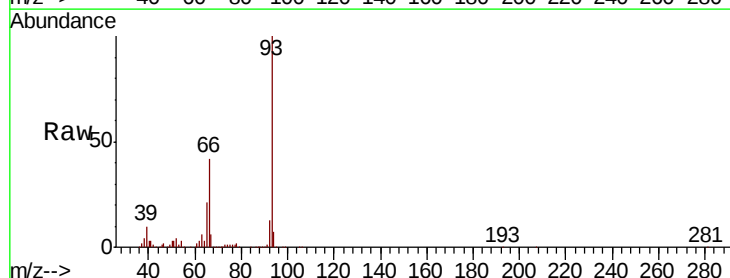
Tgt Ion: 93 Resp: 2361299

Ion Ratio Lower Upper

93 100

66 42.3 34.1 51.1

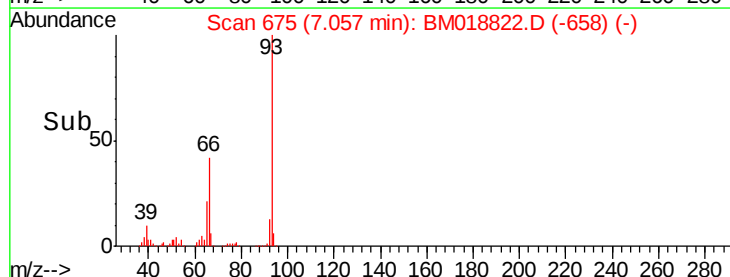
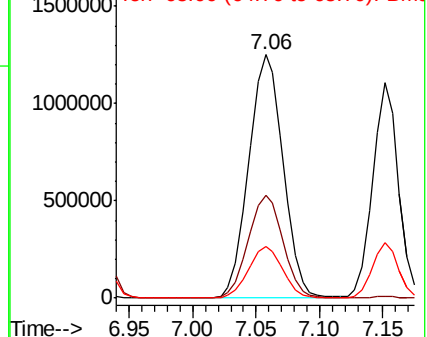
65 21.1 16.6 24.8



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: 242.938 ng

RT: 6.90 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

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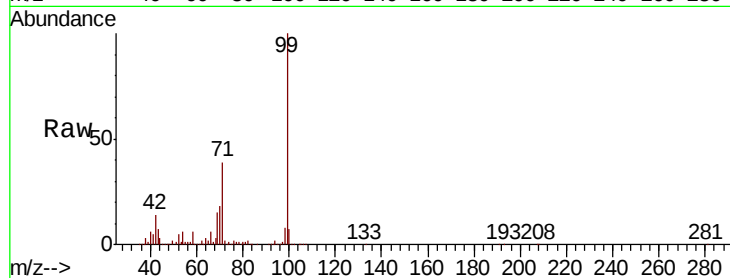
Tgt Ion: 99 Resp: 6915277

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 38.8 31.3 46.9

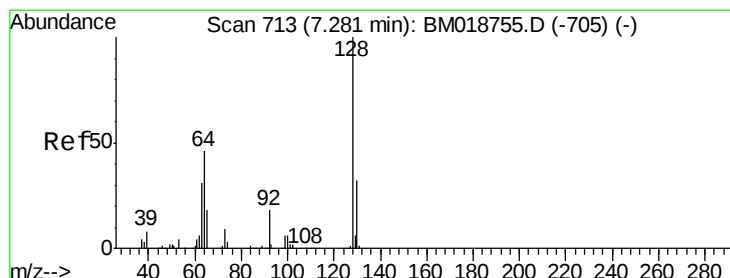
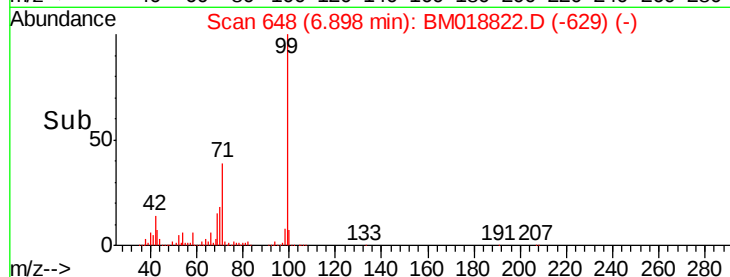
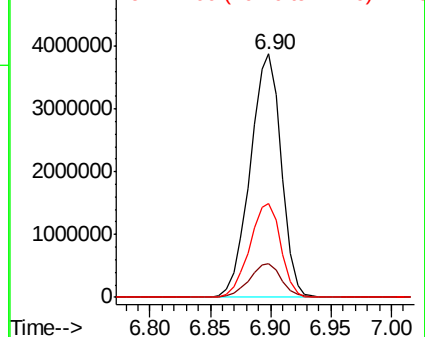


Abundance

Ion 99.00 (98.70 to 99.70): BM018822.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018822.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018822.D (-629) (-)



#8

2-Chlorophenol

Concen: 72.891 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

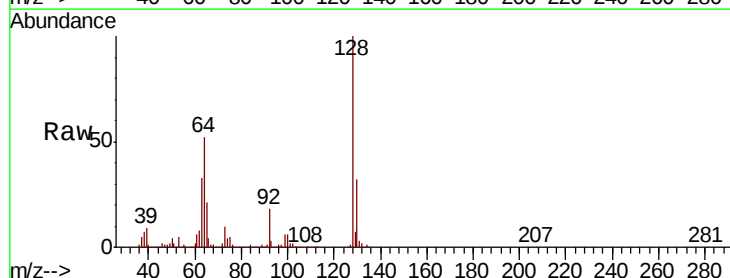
Tgt Ion: 128 Resp: 1617042

Ion Ratio Lower Upper

128 100

130 32.1 11.7 51.7

64 52.0 31.0 71.0

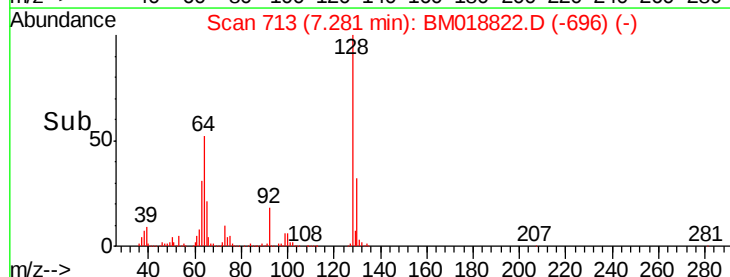
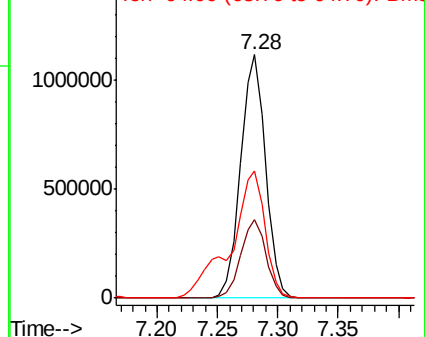


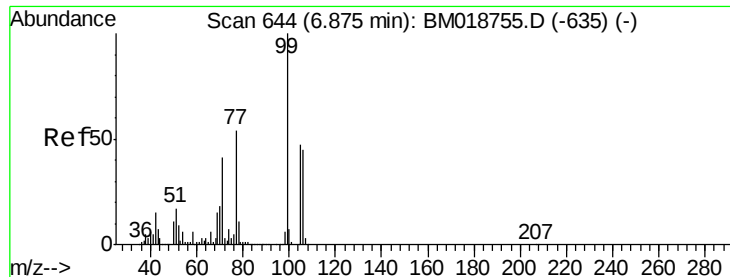
Abundance

Ion 128.00 (127.70 to 128.70): BM018822.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018822.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018822.D (-696) (-)





#9

Benzaldehyde

Concen: 50.622 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

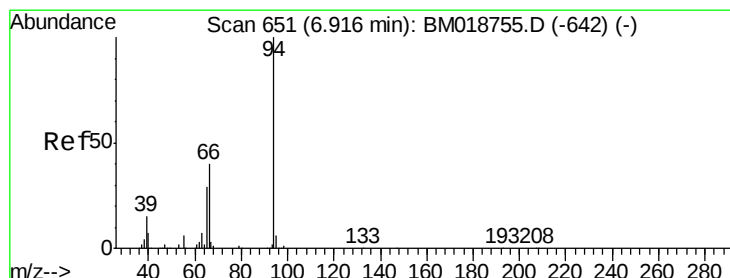
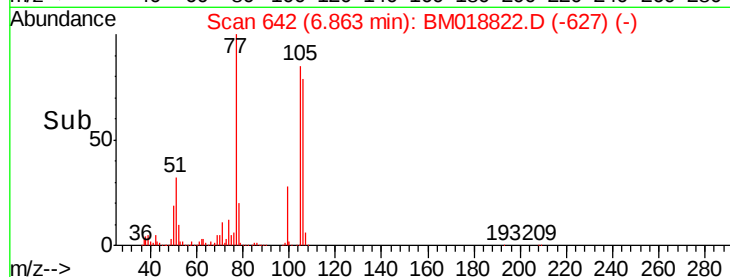
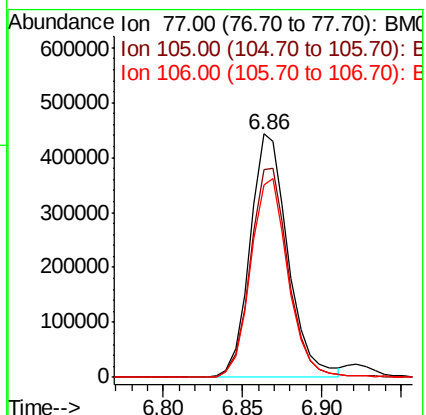
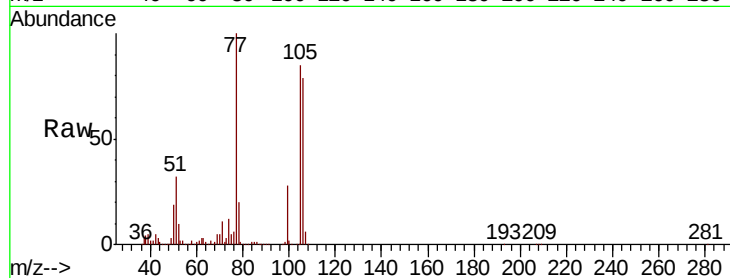
Tgt Ion: 77 Resp: 734744

Ion Ratio Lower Upper

77 100

105 85.2 67.3 107.3

106 79.0 62.9 102.9



#10

Phenol

Concen: 86.634 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

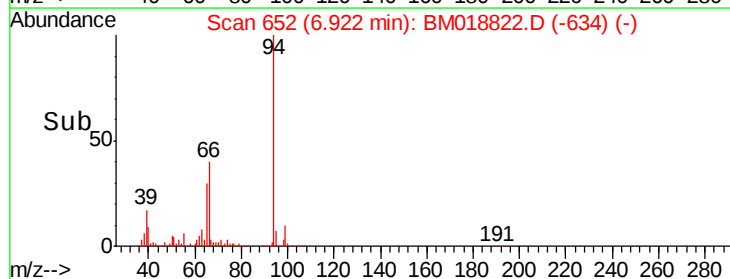
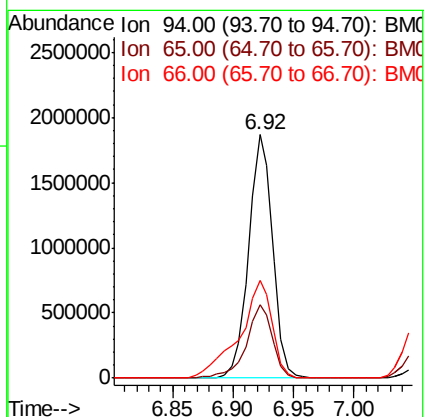
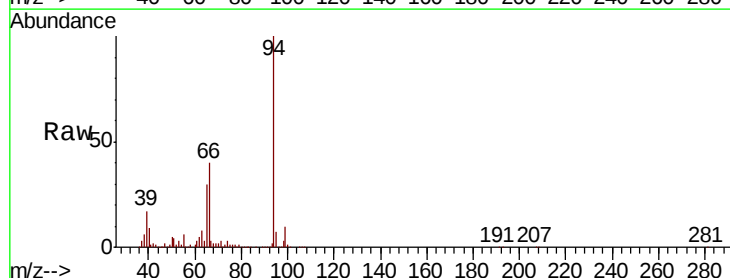
Tgt Ion: 94 Resp: 2594780

Ion Ratio Lower Upper

94 100

65 30.4 9.6 49.6

66 40.4 20.4 60.4

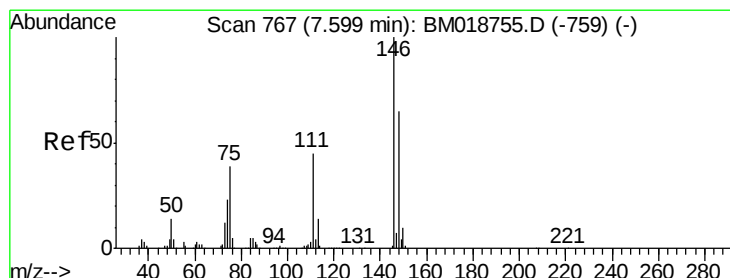
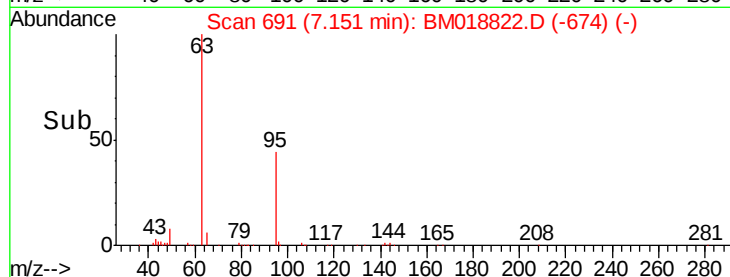
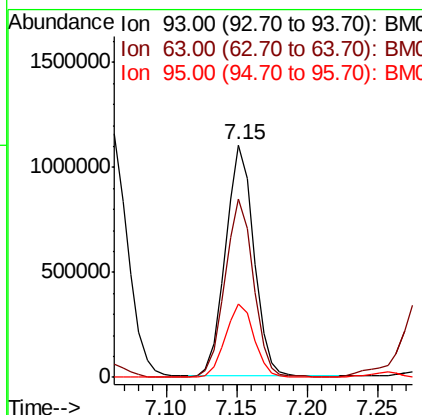
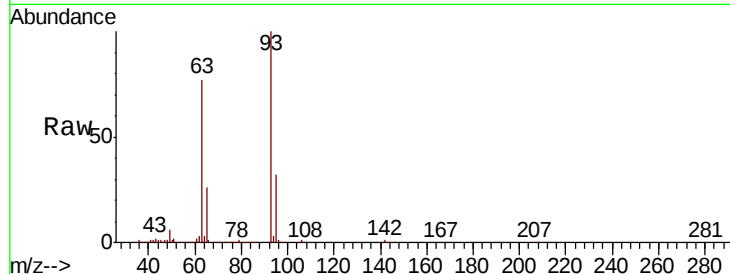




#11
bis(2-Chloroethyl)ether
Concen: 67.317 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

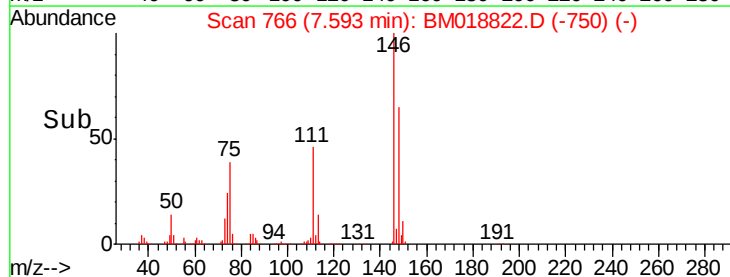
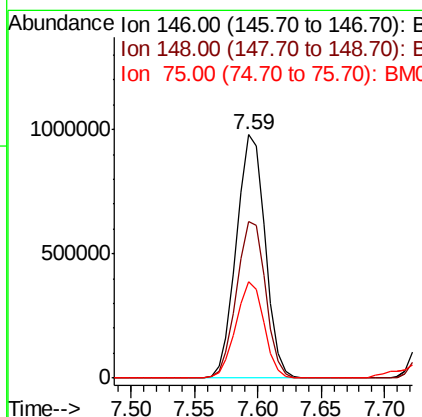
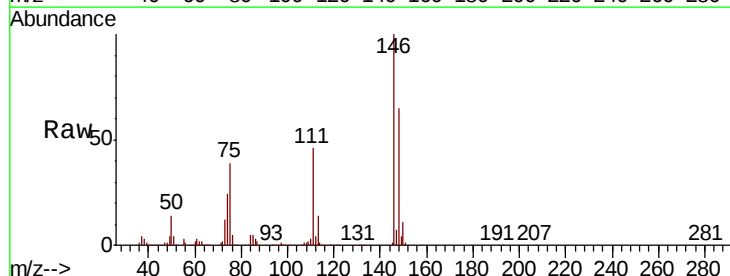
Instrument :
BNA_M
ClientSampleId :
CH-021419MS

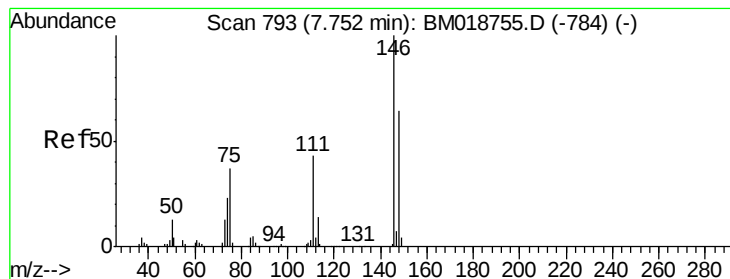
Tgt Ion: 93 Resp: 1538015
Ion Ratio Lower Upper
93 100
63 76.8 57.0 97.0
95 31.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 61.718 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion: 146 Resp: 1539577
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 39.3 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 62.778 ng

RT: 7.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

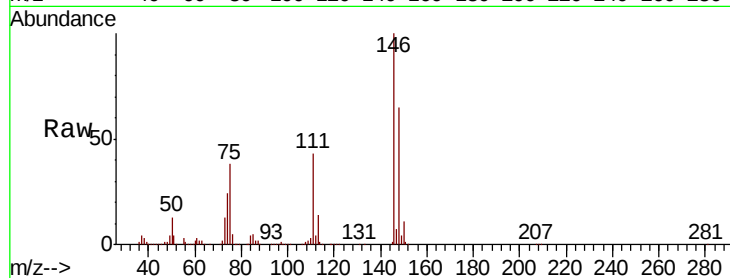
Tgt Ion:146 Resp: 1594279

Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.2

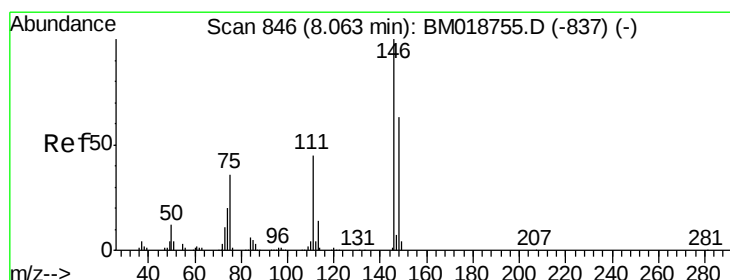
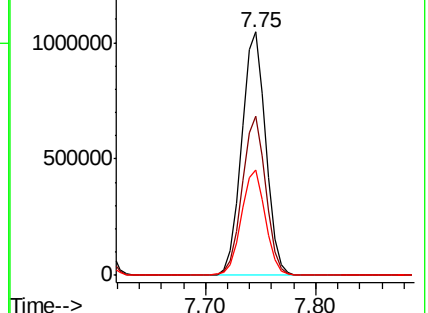
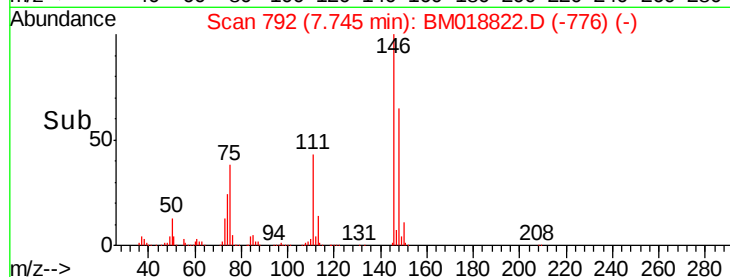
111 43.0 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 63.992 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

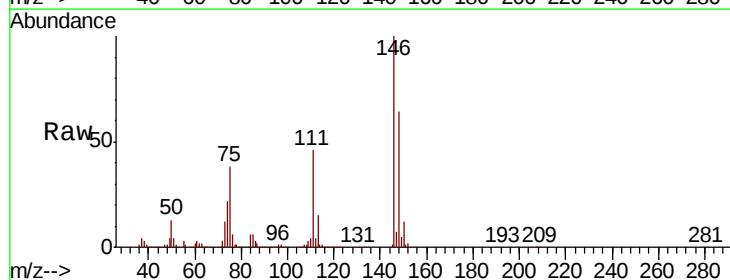
Tgt Ion:146 Resp: 1561007

Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

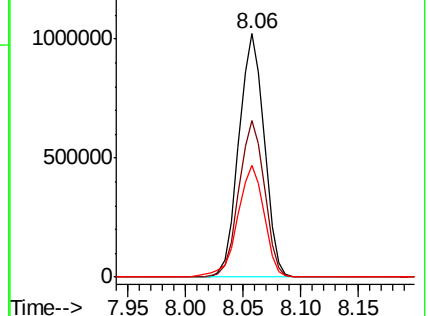
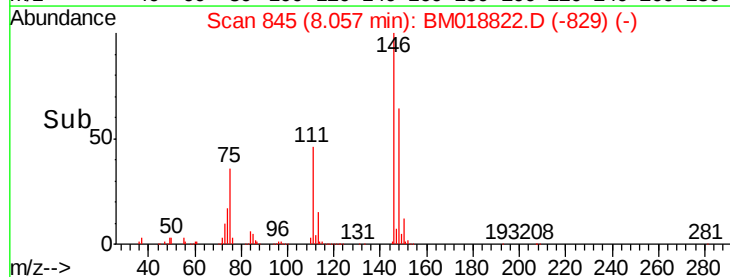
111 46.0 35.9 53.9

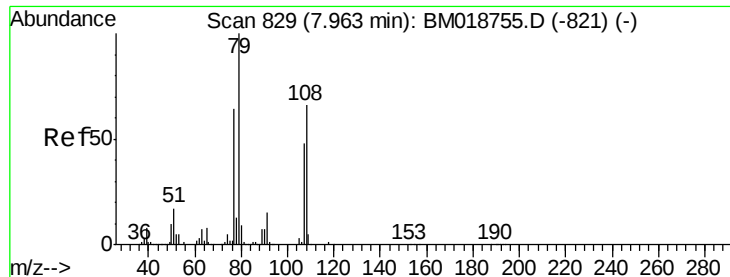


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 75.629 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

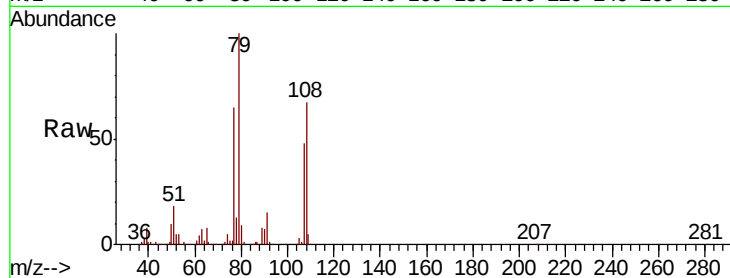
Tgt Ion: 79 Resp: 1710583

Ion Ratio Lower Upper

79 100

108 67.1 52.7 79.1

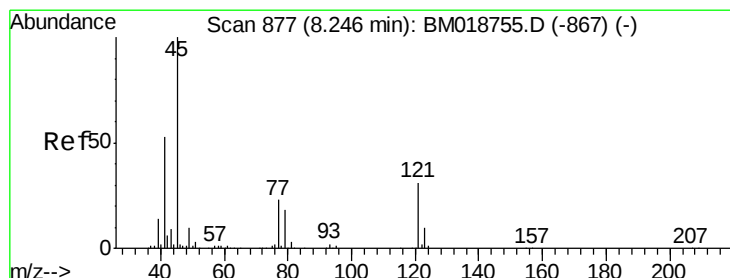
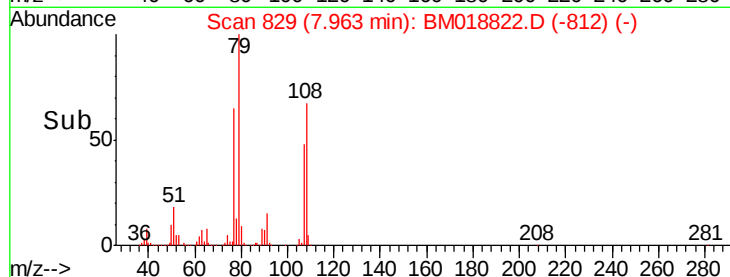
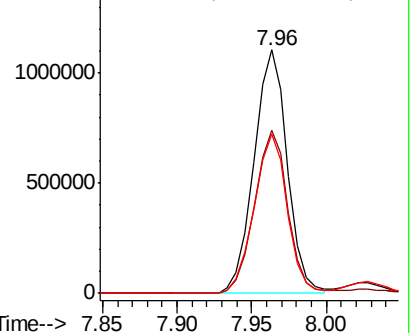
77 65.2 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018822.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM018822.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM018822.D (-812) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 66.668 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

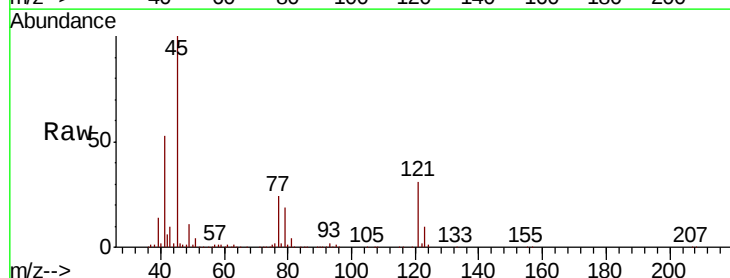
Tgt Ion: 45 Resp: 1474211

Ion Ratio Lower Upper

45 100

77 23.8 5.0 45.0

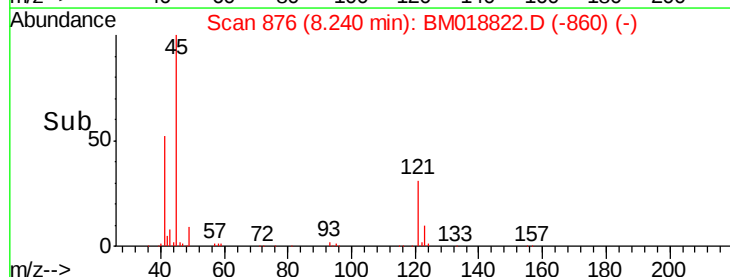
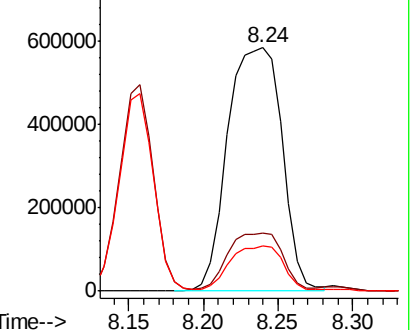
79 18.8 0.0 39.3

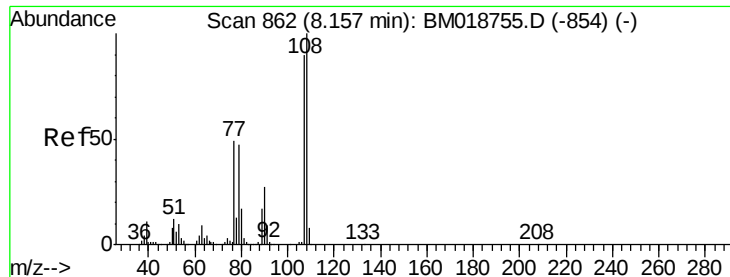


Abundance Ion 45.00 (44.70 to 45.70): BM018822.D (-860) (-)

Ion 77.00 (76.70 to 77.70): BM018822.D (-860) (-)

Ion 79.00 (78.70 to 79.70): BM018822.D (-860) (-)





#17

2-Methylphenol

Concen: 75.768 ng

RT: 8.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tgt Ion:107 Resp: 1444354

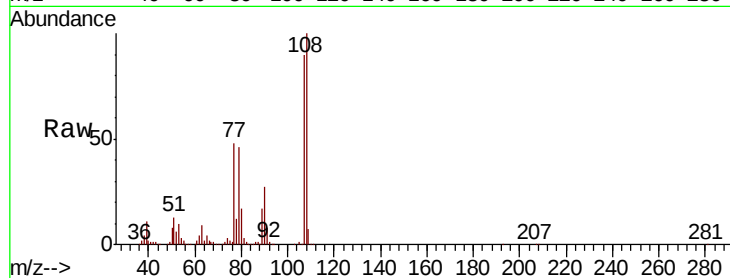
Ion Ratio Lower Upper

107 100

108 110.6 88.8 133.2

77 53.5 44.0 66.0

79 51.2 42.4 63.6



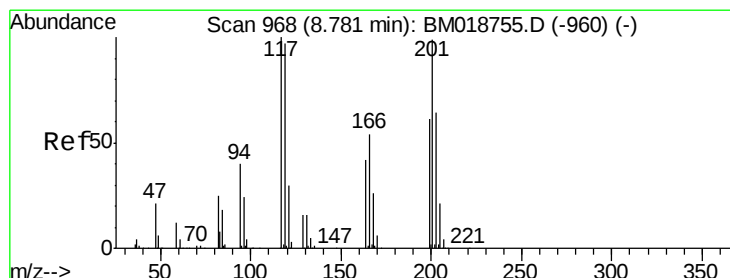
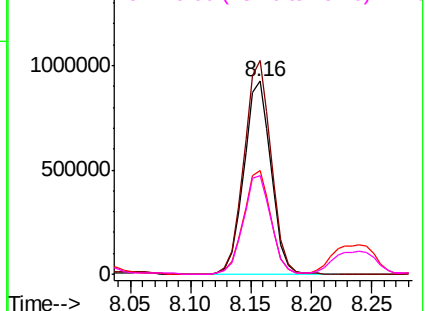
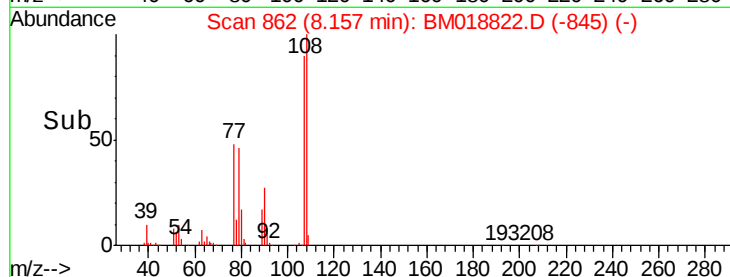
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 64.929 ng

RT: 8.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

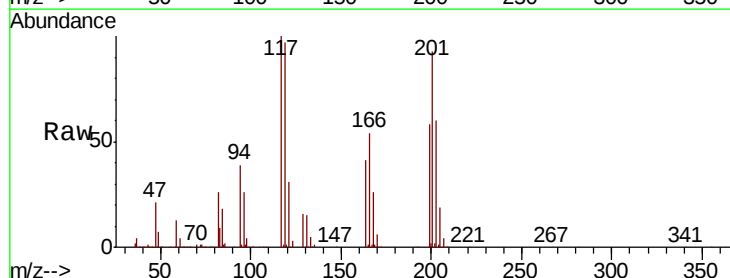
Tgt Ion:117 Resp: 601920

Ion Ratio Lower Upper

117 100

119 96.8 77.9 116.9

201 92.7 79.2 118.8

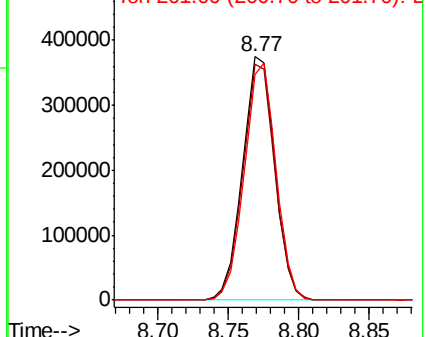
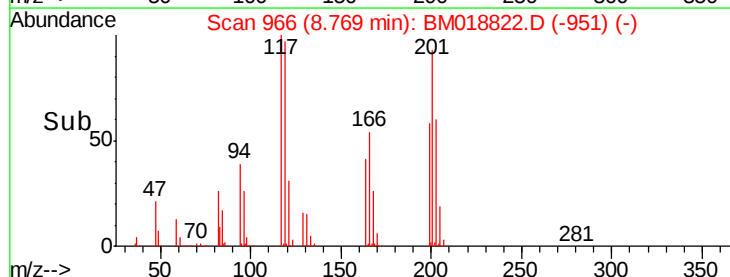


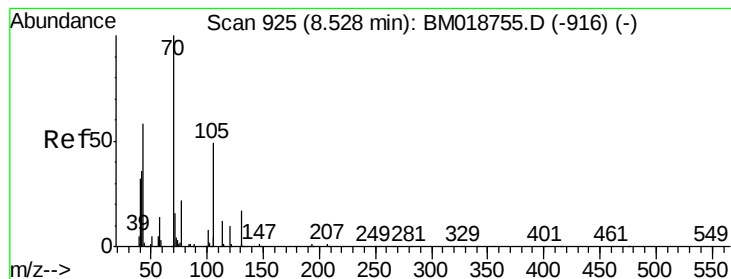
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 70.831 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tgt Ion: 70 Resp: 1561101

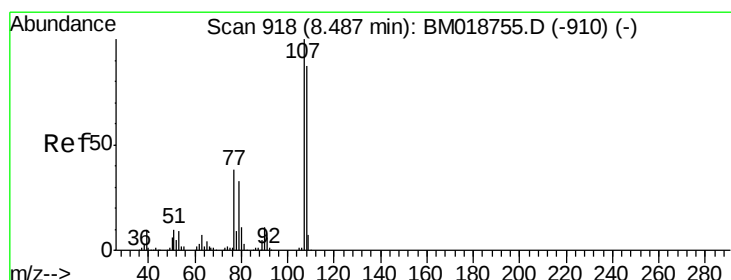
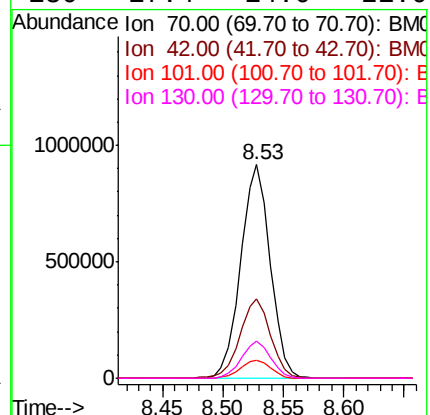
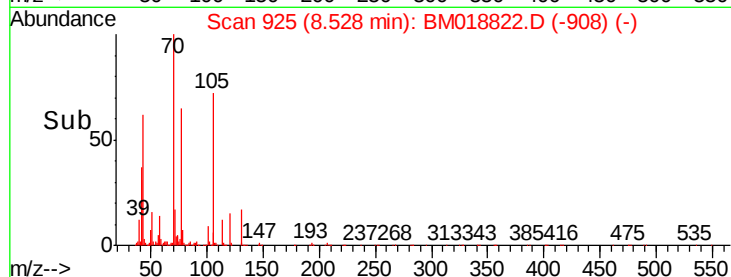
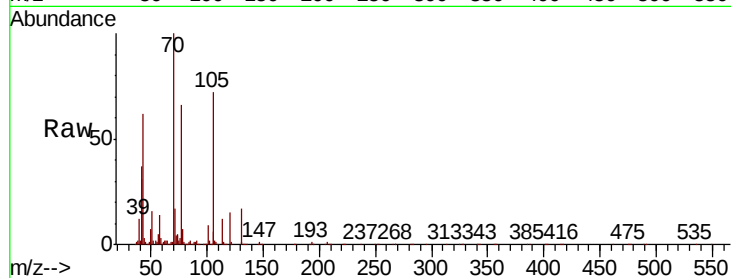
Ion Ratio Lower Upper

70 100

42 37.4 29.4 44.0

101 8.6 6.7 10.1

130 17.4 14.0 21.0



#20

3+4-Methylphenols

Concen: 76.775 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tgt Ion: 107 Resp: 2020957

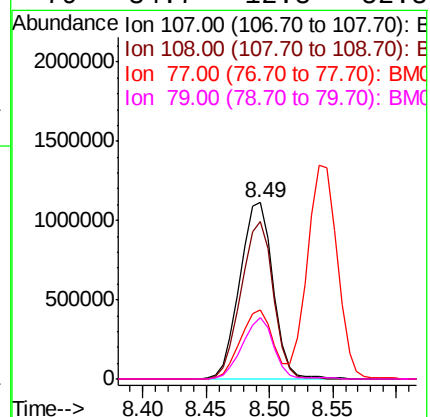
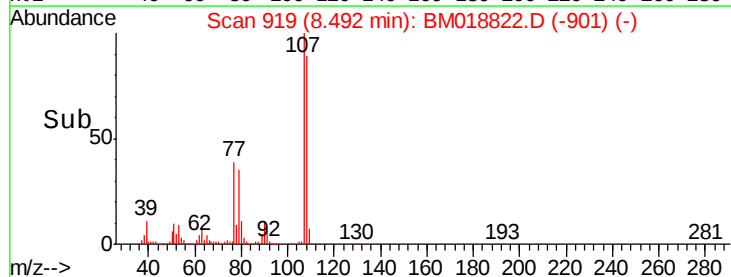
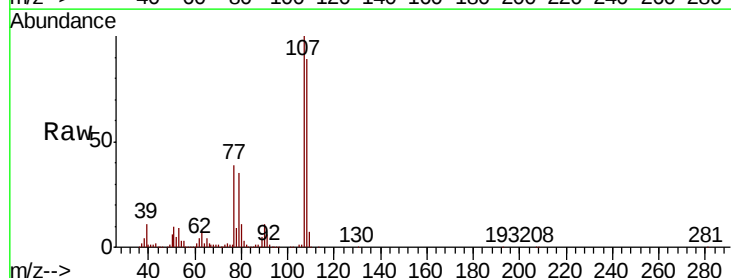
Ion Ratio Lower Upper

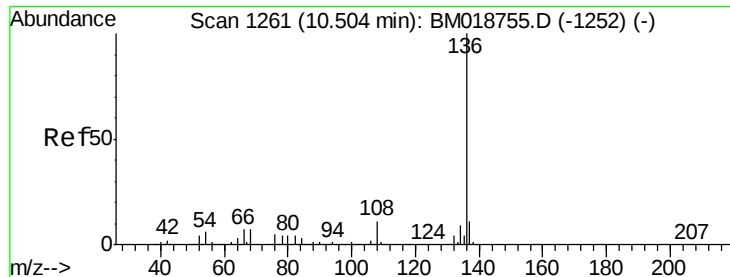
107 100

108 89.4 67.3 107.3

77 39.4 18.0 58.0

79 34.7 12.8 52.8

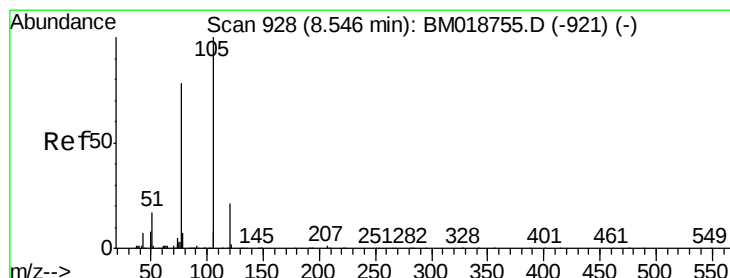
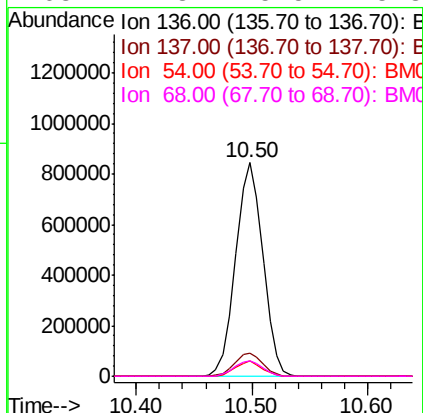
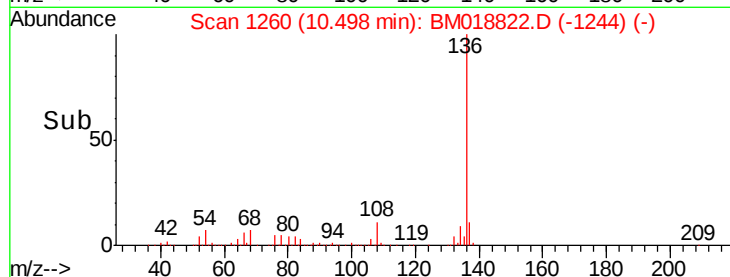
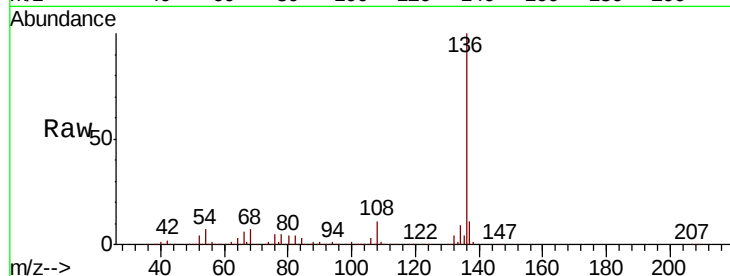




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

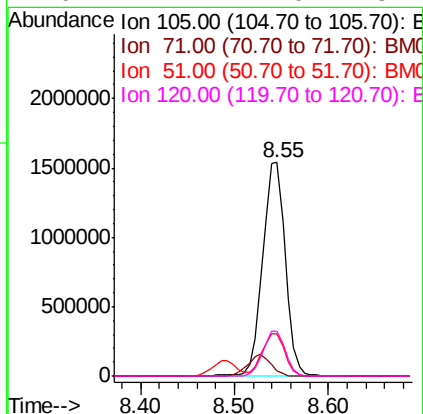
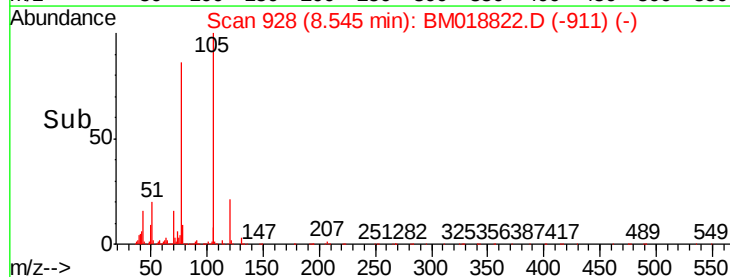
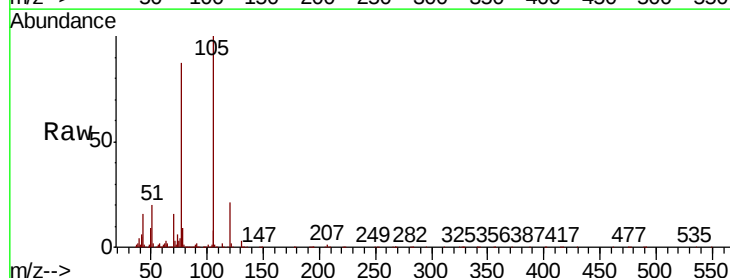
Instrument :
BNA_M
ClientSampleId :
CH-021419MS

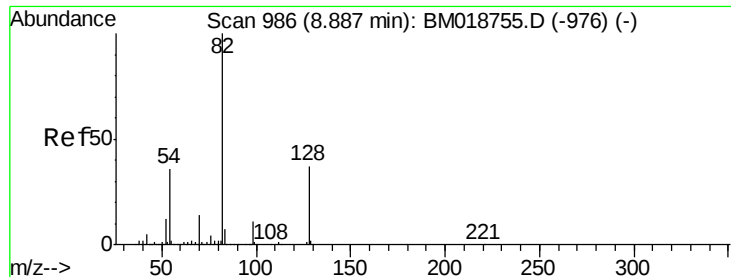
Tgt Ion:	136	Resp:	1384378
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	5.0	7.6
68	7.3	5.5	8.3



#22
Acetophenone
Concen: 67.611 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:	105	Resp:	2570424
Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.1	1.7#
51	19.8	15.5	23.3
120	21.2	17.0	25.4





#23

Nitrobenzene-d5

Concen: 150.679 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

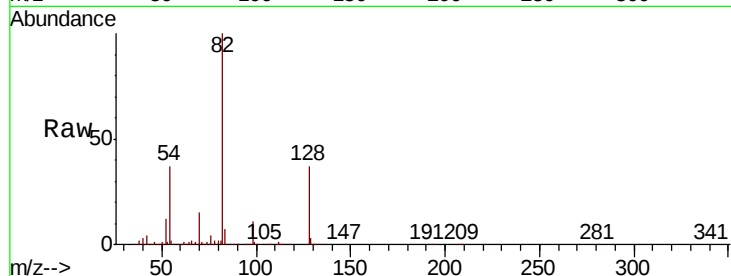
Tgt Ion: 82 Resp: 4511301

Ion Ratio Lower Upper

82 100

128 36.7 29.9 44.9

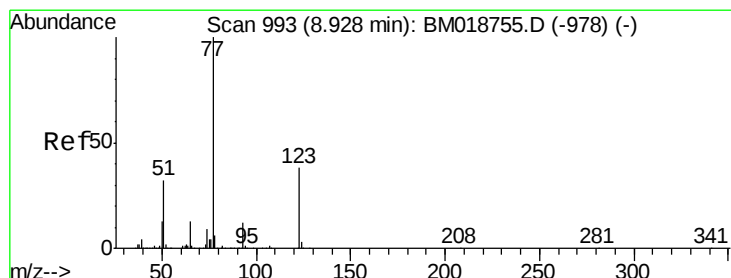
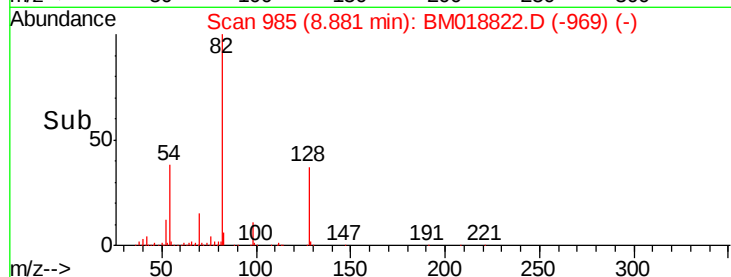
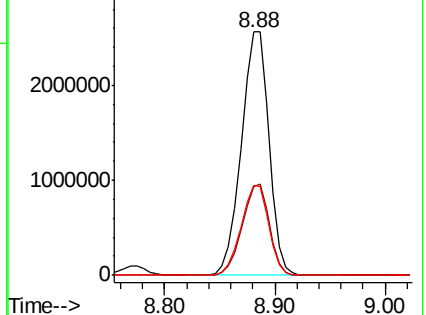
54 37.1 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018822.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018822.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018822.D (-969) (-)



#24

Nitrobenzene

Concen: 70.052 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

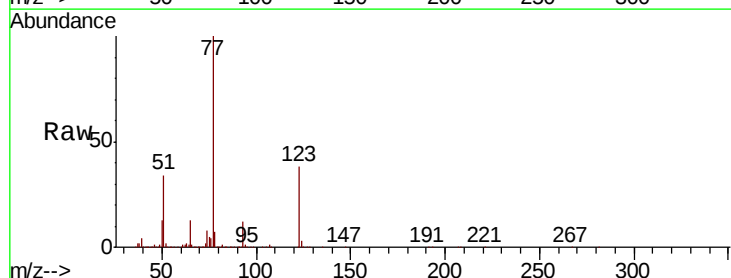
Tgt Ion: 77 Resp: 2177037

Ion Ratio Lower Upper

77 100

123 38.4 30.7 46.1

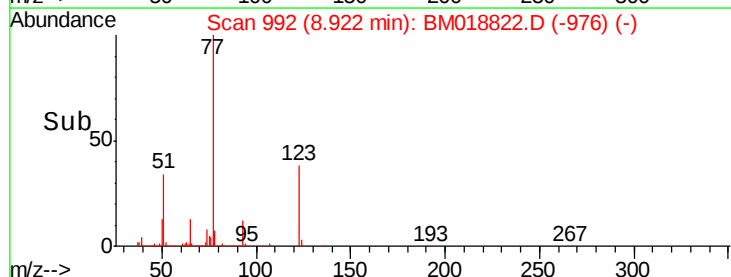
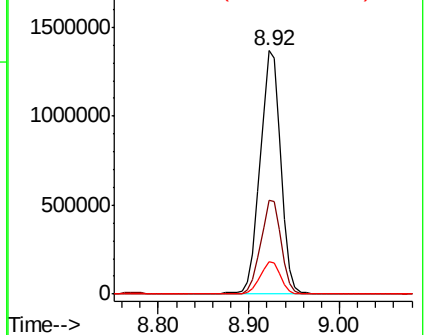
65 13.4 10.5 15.7

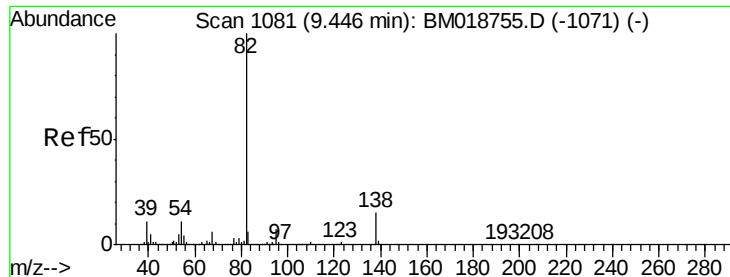


Abundance Ion 77.00 (76.70 to 77.70): BM018822.D (-976) (-)

Ion 123.00 (122.70 to 123.70): BM018822.D (-976) (-)

Ion 65.00 (64.70 to 65.70): BM018822.D (-976) (-)





#25

Isophorone

Concen: 83.189 ng

RT: 9.45 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

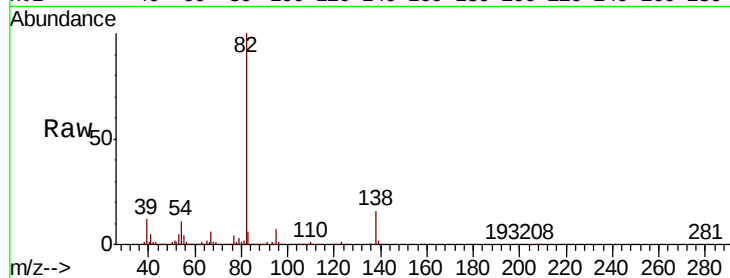
Tgt Ion: 82 Resp: 3974121

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

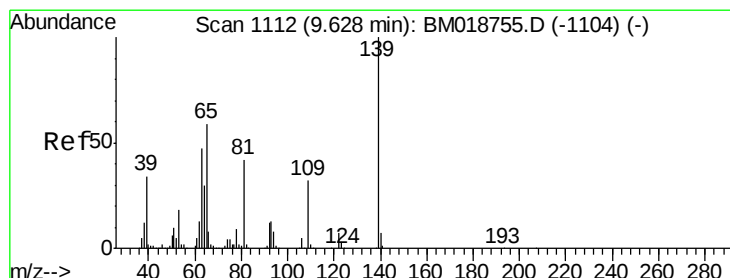
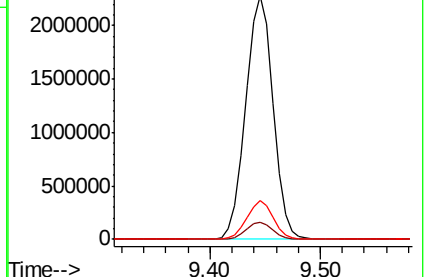
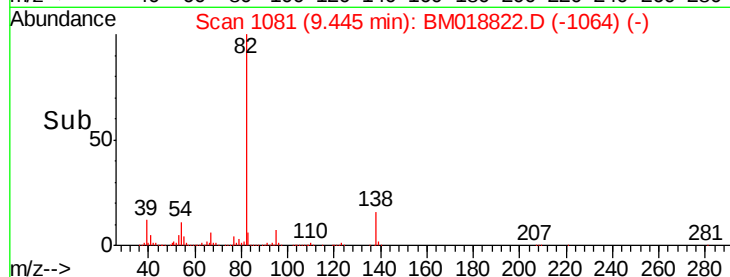
138 16.0 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018822.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018822.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018822.D (-1064) (-)



#26

2-Nitrophenol

Concen: 74.175 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

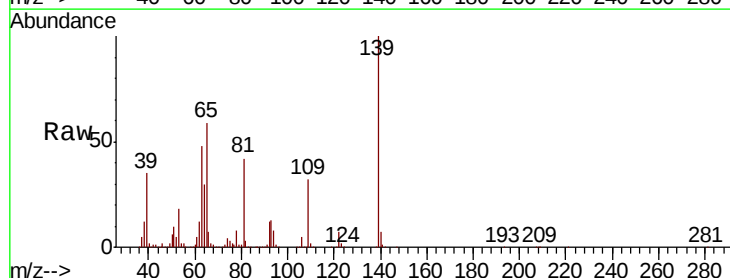
Tgt Ion: 139 Resp: 918005

Ion Ratio Lower Upper

139 100

109 31.7 25.2 37.8

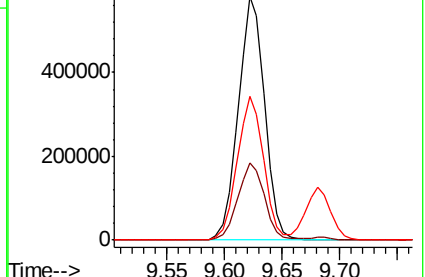
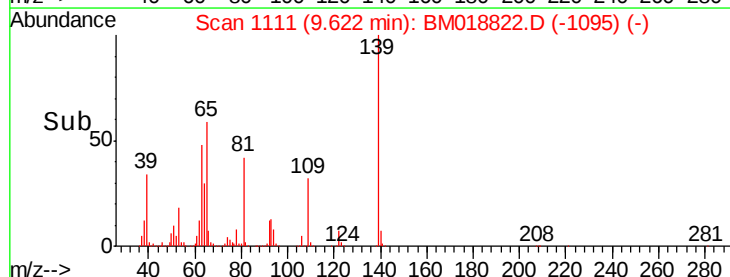
65 58.9 47.0 70.4

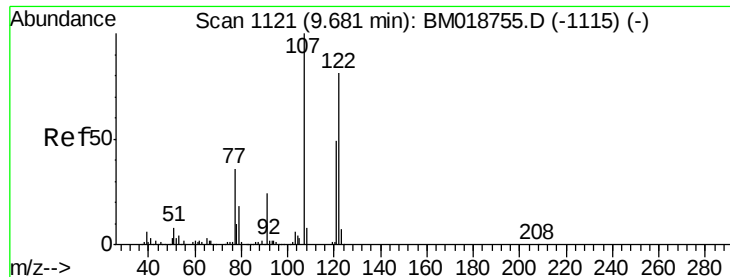


Abundance Ion 139.00 (138.70 to 139.70): BM018822.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018822.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018822.D (-1095) (-)

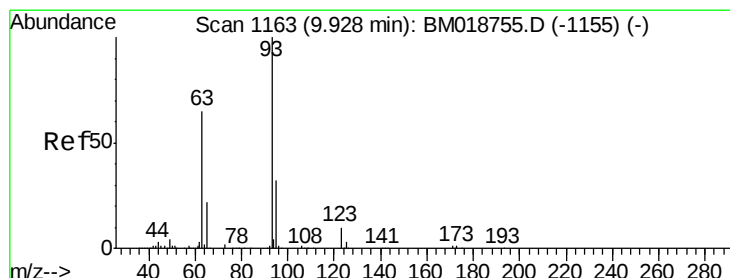
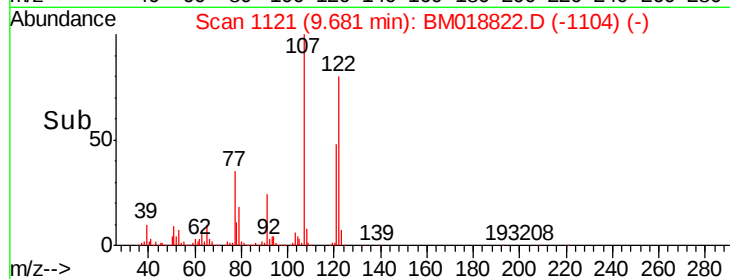
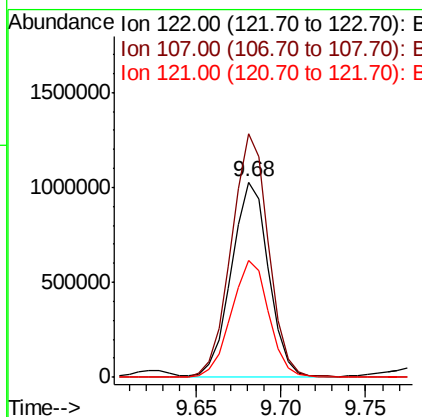
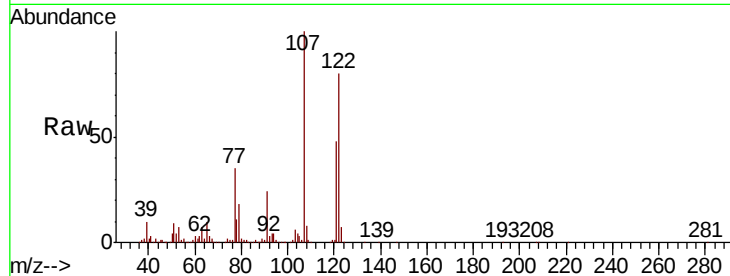




#27
 2,4-Dimethylphenol
 Concen: 86.376 ng
 RT: 9.68 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

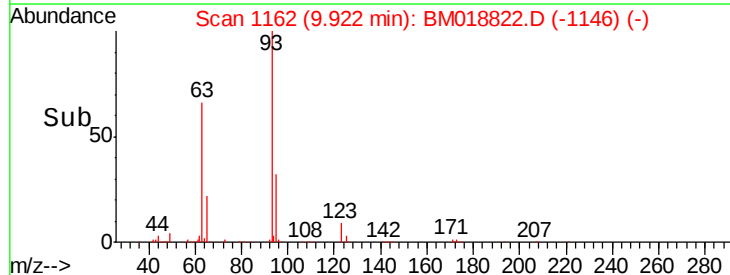
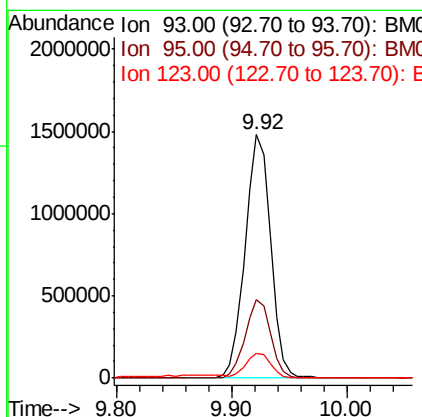
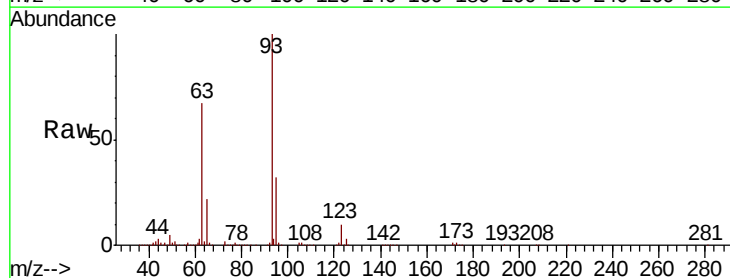
Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tgt Ion:122 Resp: 1561364
 Ion Ratio Lower Upper
 122 100
 107 124.7 97.6 146.4
 121 59.7 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 73.566 ng
 RT: 9.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion: 93 Resp: 2272630
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.6 38.4
 123 10.1 8.2 12.4

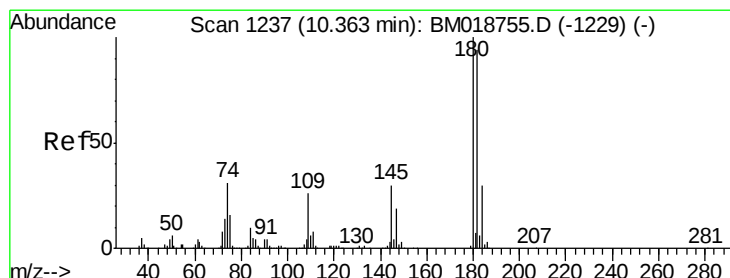
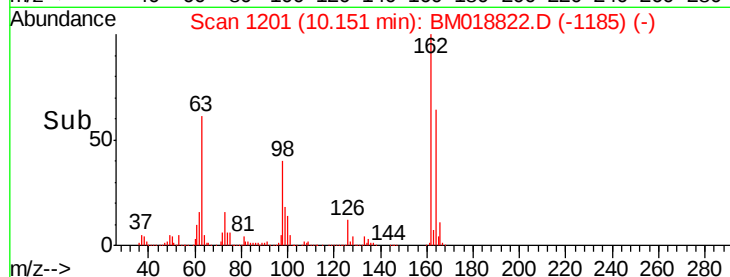
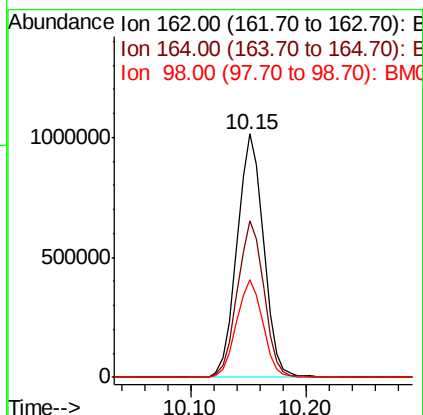
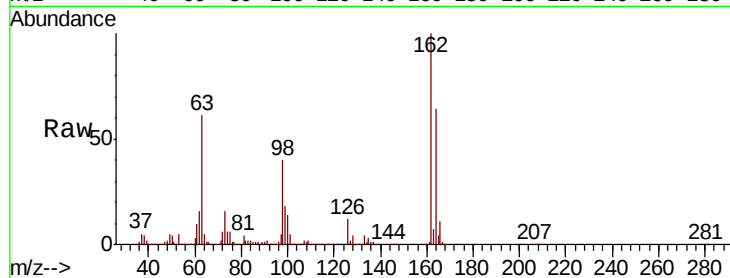




#29
2,4-Dichlorophenol
Concen: 77.902 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

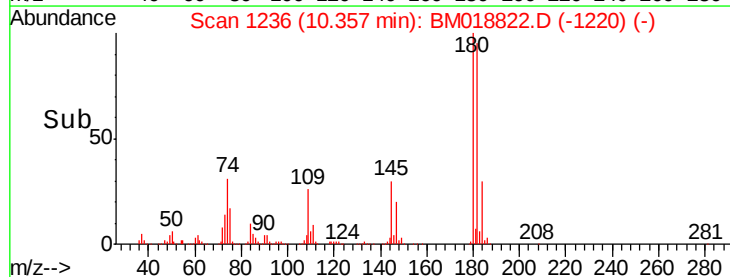
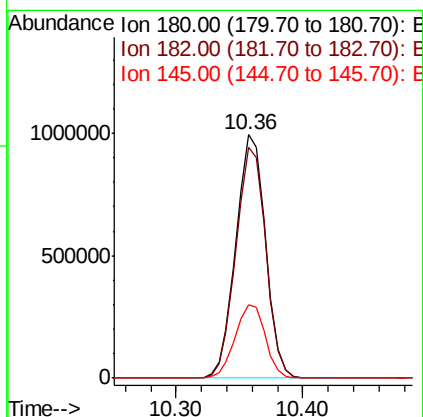
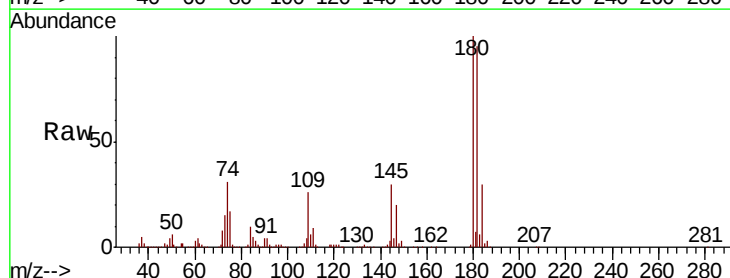
Instrument :
BNA_M
ClientSampleId :
CH-021419MS

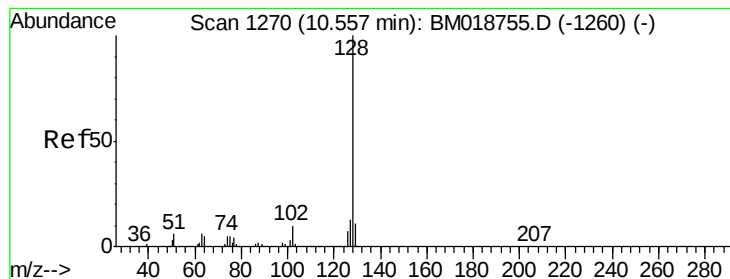
Tgt Ion:162 Resp: 1616929
Ion Ratio Lower Upper
162 100
164 64.4 44.1 84.1
98 40.1 19.4 59.4



#30
1,2,4-Trichlorobenzene
Concen: 67.153 ng
RT: 10.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:180 Resp: 1609651
Ion Ratio Lower Upper
180 100
182 94.6 75.0 112.6
145 30.4 24.1 36.1

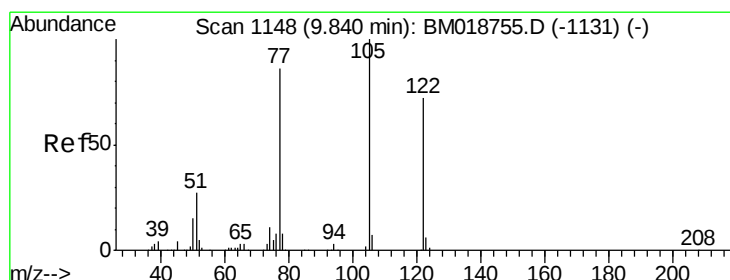
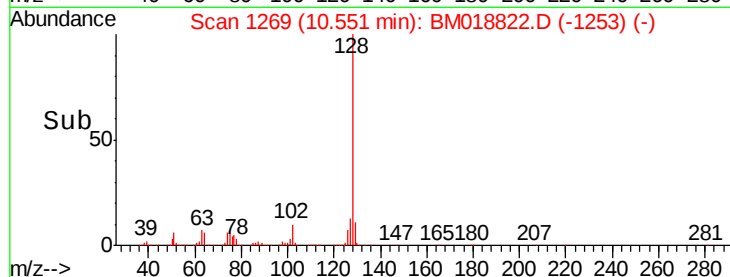
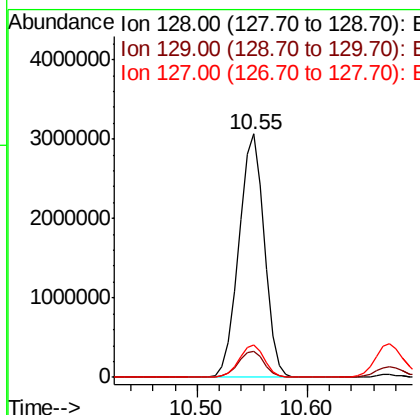
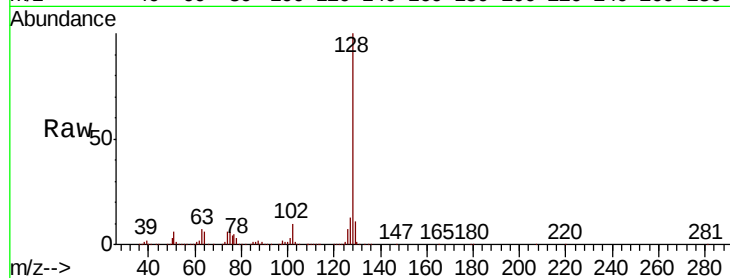




#31
Naphthalene
Concen: 73.511 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

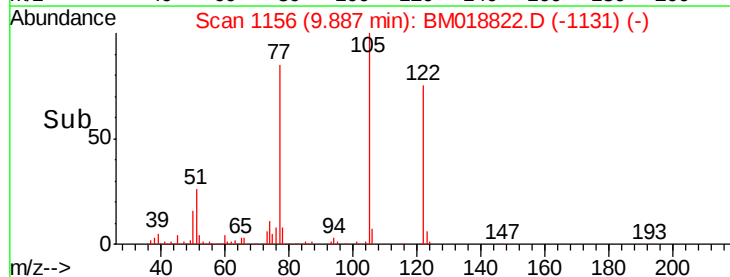
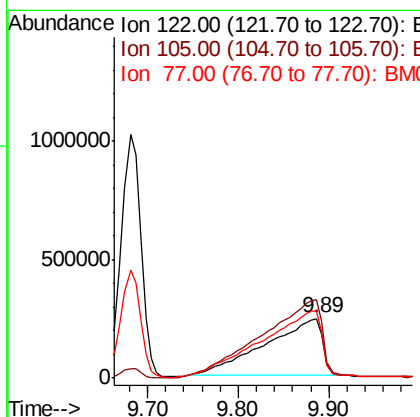
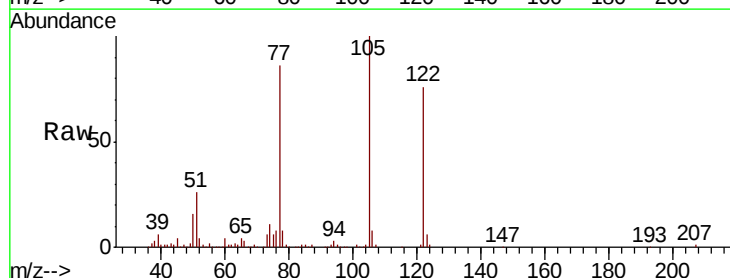
Instrument :
BNA_M
ClientSampleId :
CH-021419MS

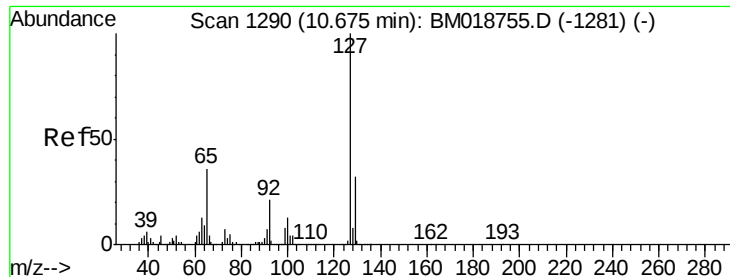
Tgt Ion:128 Resp: 4963291
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 67.135 ng
RT: 9.89 min Scan# 1156
Delta R.T. 0.05 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:122 Resp: 1058589
Ion Ratio Lower Upper
122 100
105 131.2 117.5 157.5
77 112.9 98.5 138.5

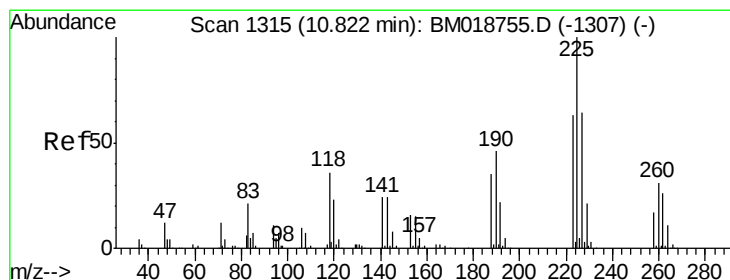
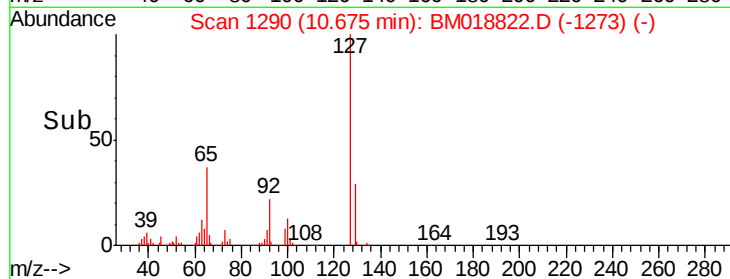
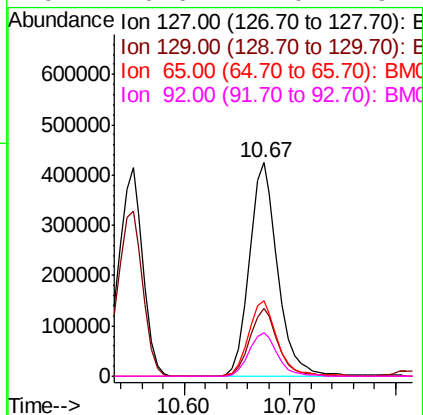
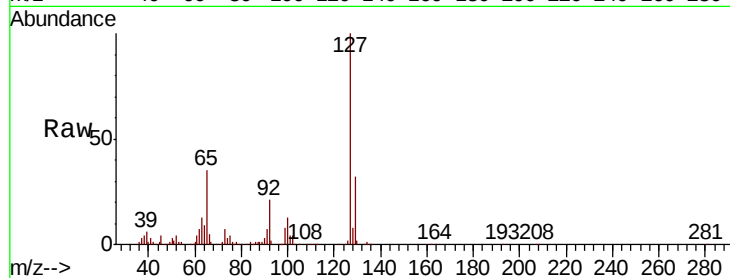




#33
4-Chloroaniline
Concen: 26.107 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

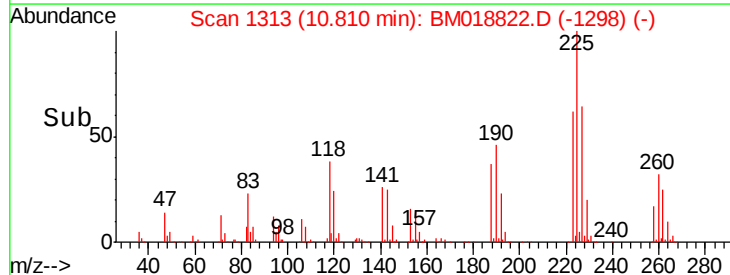
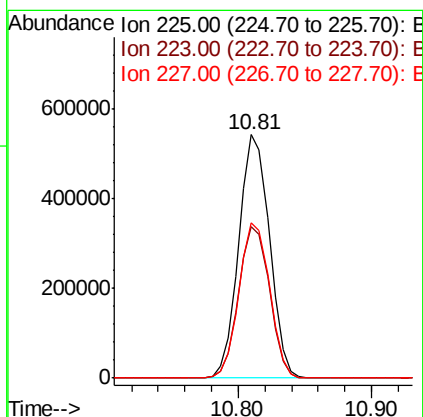
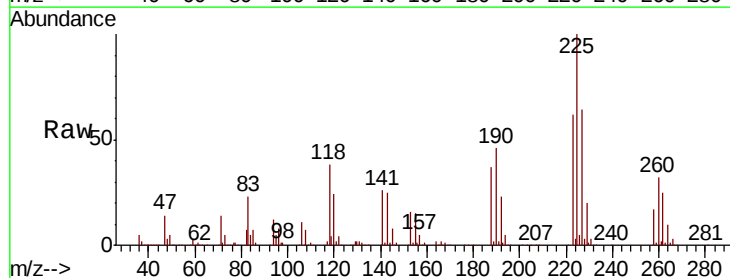
Instrument :
BNA_M
ClientSampleId :
CH-021419MS

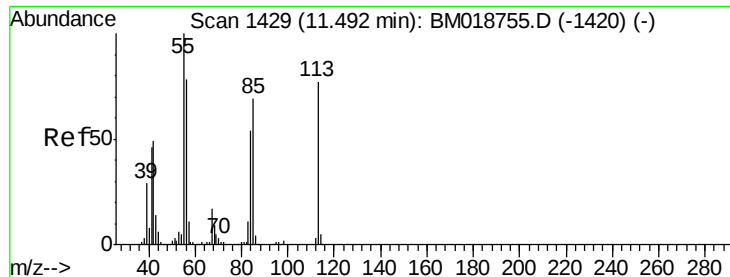
Tgt Ion:	127	Resp:	787945
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	35.1	28.7	43.1
92	20.6	17.0	25.4



#34
Hexachlorobutadiene
Concen: 61.976 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:	225	Resp:	862286
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	63.7	51.4	77.0





#35

Caprolactam

Concen: 32.672 ng

RT: 11.52 min Scan# 1434

Delta R.T. 0.03 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

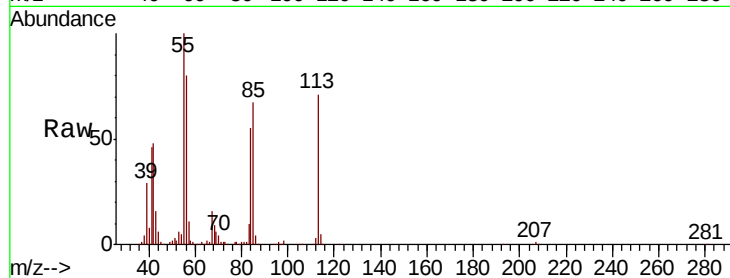
Tgt Ion:113 Resp: 276757

Ion Ratio Lower Upper

113 100

55 140.2 110.7 150.7

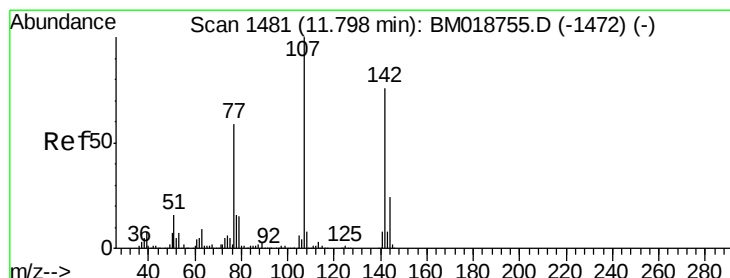
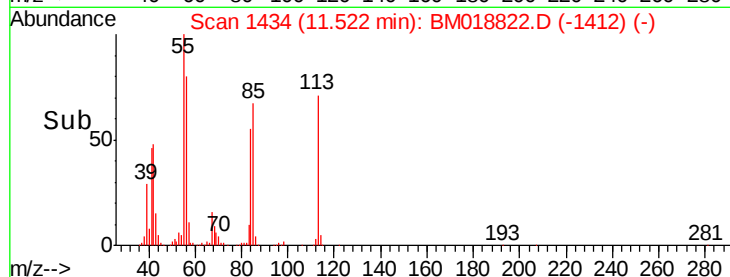
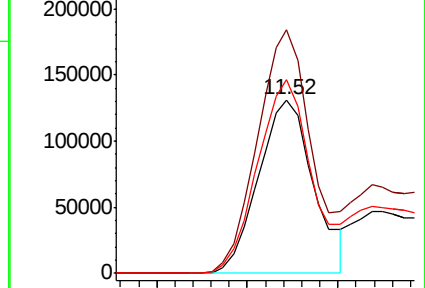
56 111.8 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 78.751 ng

RT: 11.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

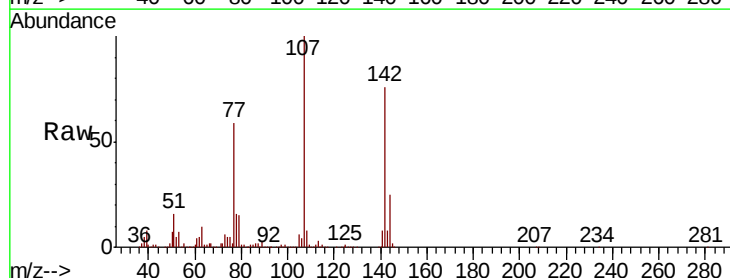
Tgt Ion:107 Resp: 1970712

Ion Ratio Lower Upper

107 100

144 24.9 19.3 28.9

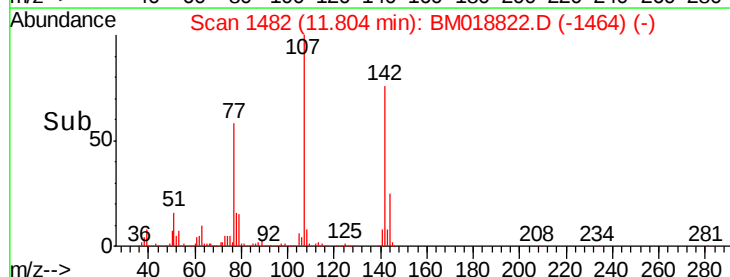
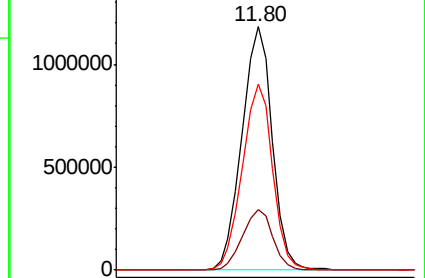
142 76.4 60.5 90.7

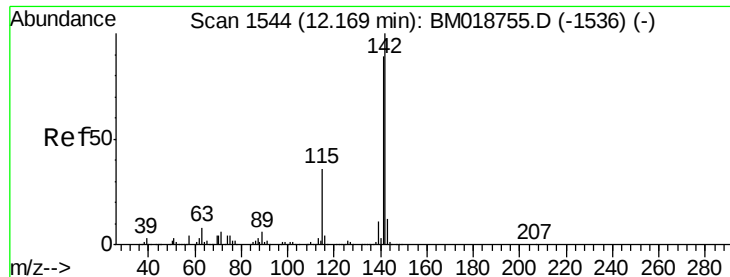


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

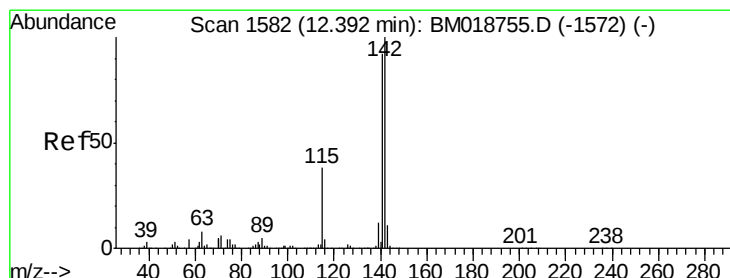
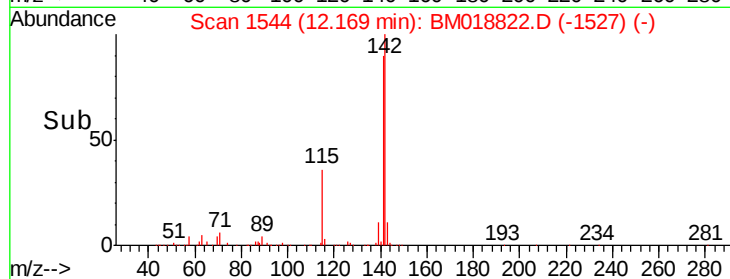
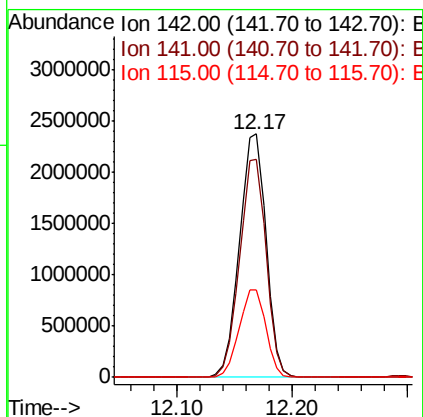
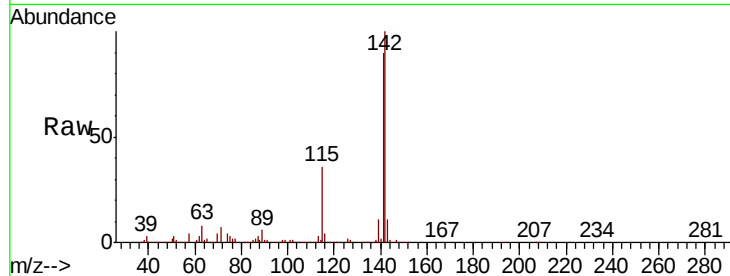




#37
2-Methylnaphthalene
Concen: 79.645 ng
RT: 12.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

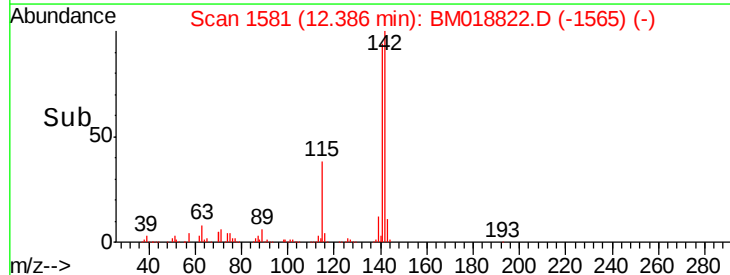
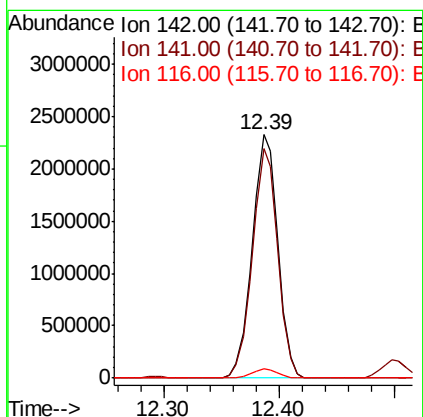
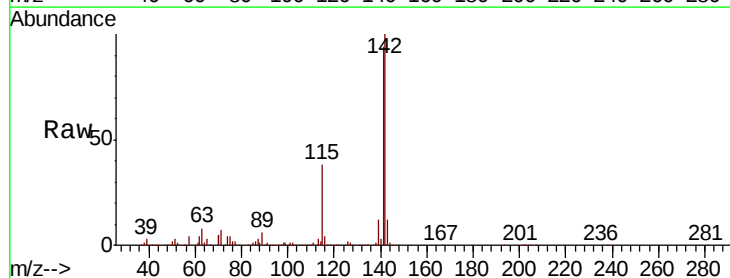
Instrument :
BNA_M
ClientSampleId :
CH-021419MS

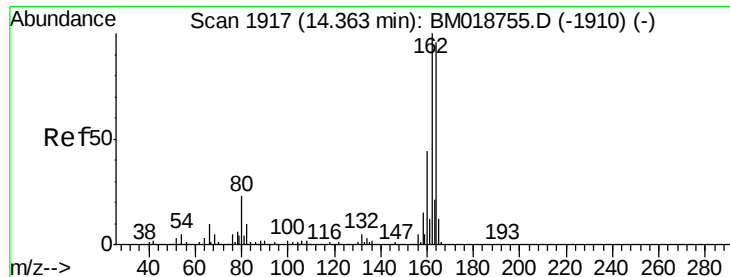
Tgt Ion:142 Resp: 3786029
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8
115 36.0 29.1 43.7



#38
1-Methylnaphthalene
Concen: 77.186 ng
RT: 12.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:142 Resp: 3587950
Ion Ratio Lower Upper
142 100
141 94.1 73.9 110.9
116 4.1 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

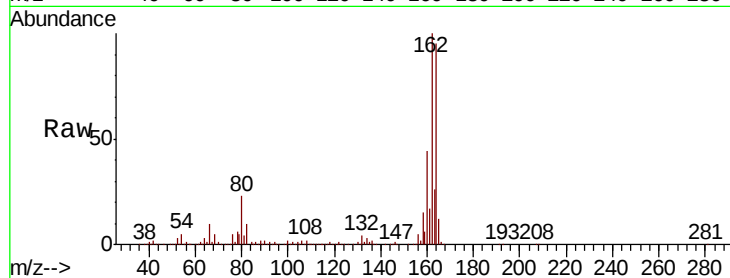
Tgt Ion:164 Resp: 811509

Ion Ratio Lower Upper

164 100

162 105.8 83.4 125.0

160 47.0 36.6 55.0

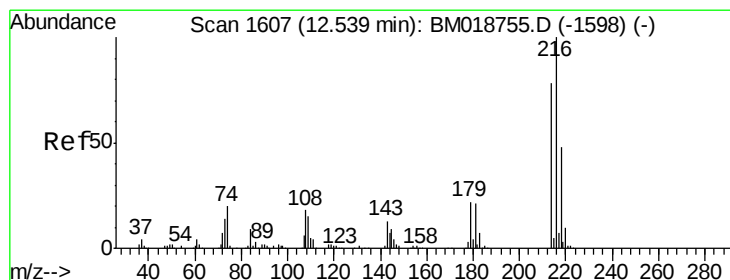
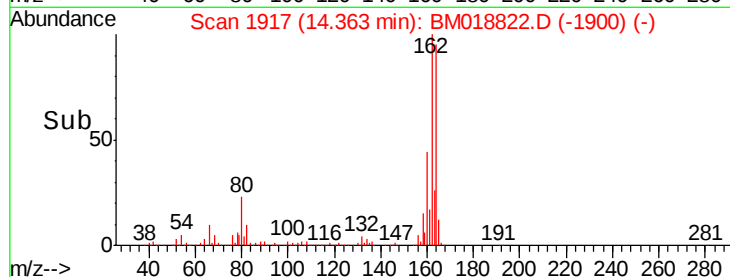
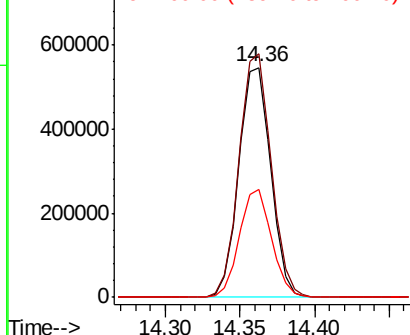


Abundance

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: 69.610 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tgt Ion:216 Resp: 1807043

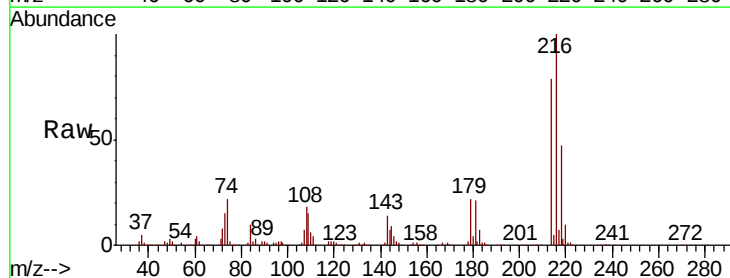
Ion Ratio Lower Upper

216 100

214 78.2 63.2 94.8

179 22.4 17.8 26.8

108 22.6 16.4 24.6



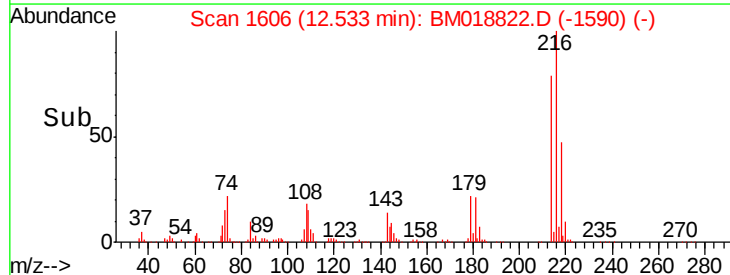
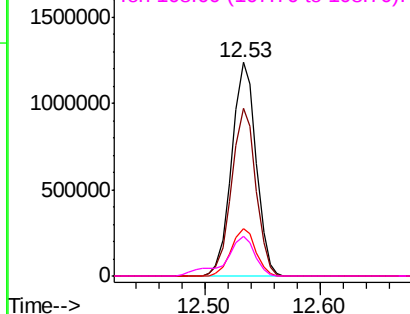
Abundance

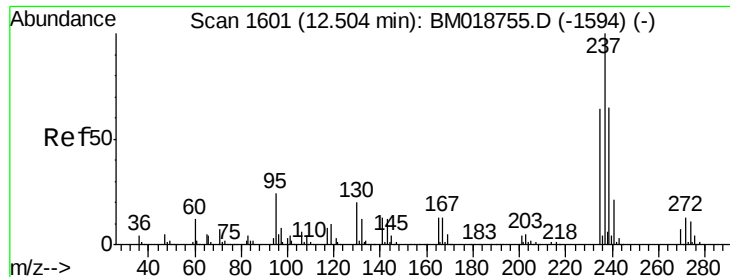
Ion 216.00 (215.70 to 216.70): E

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: 156.580 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

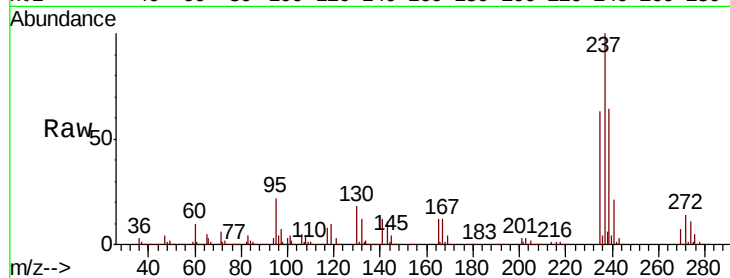
Tgt Ion:237 Resp: 2078177

Ion Ratio Lower Upper

237 100

235 62.7 43.7 83.7

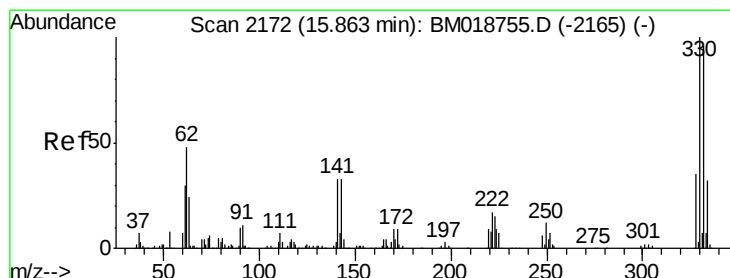
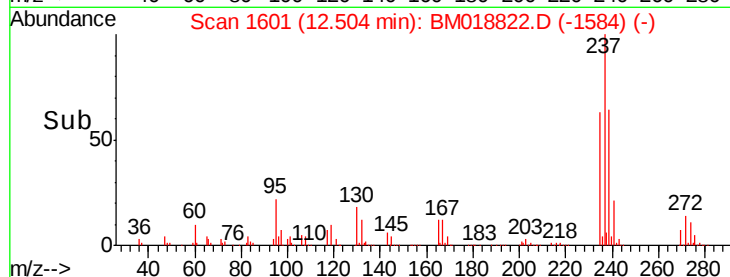
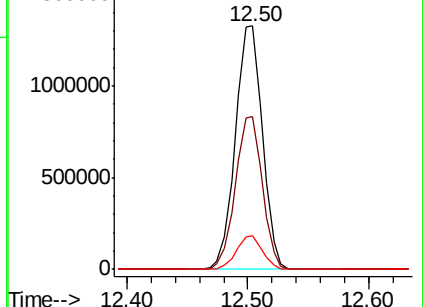
272 13.7 0.0 33.3



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: 263.362 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

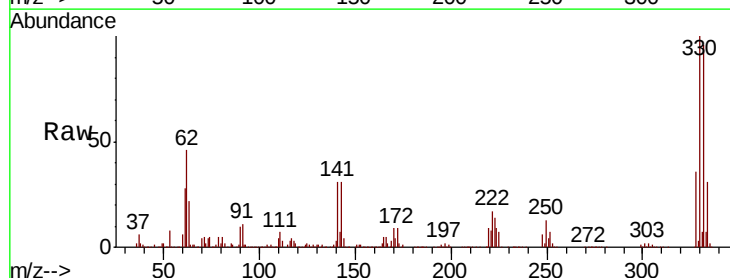
Tgt Ion:330 Resp: 3080720

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

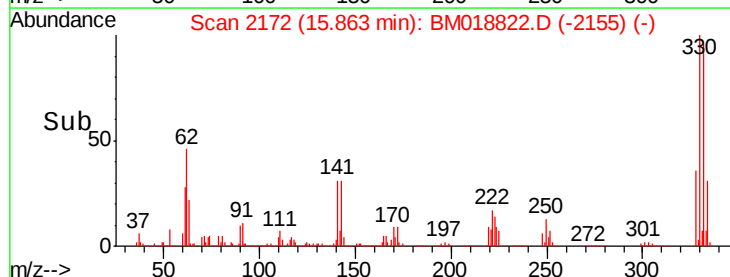
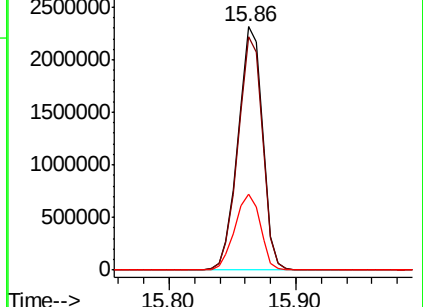
141 32.7 28.7 43.1



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

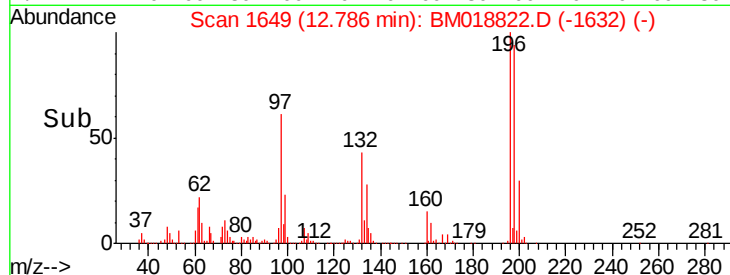
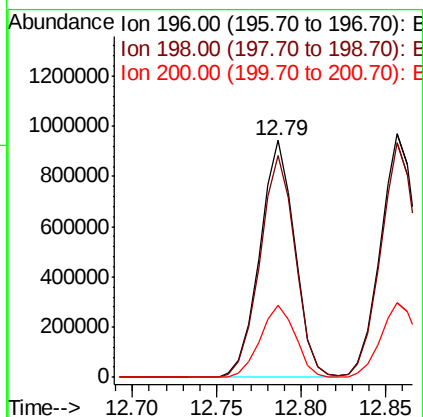
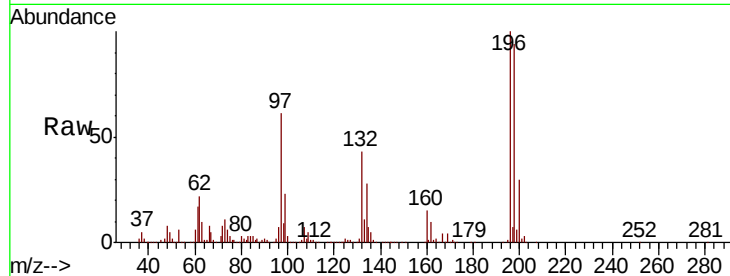




#43
 2,4,6-Trichlorophenol
 Concen: 78.768 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

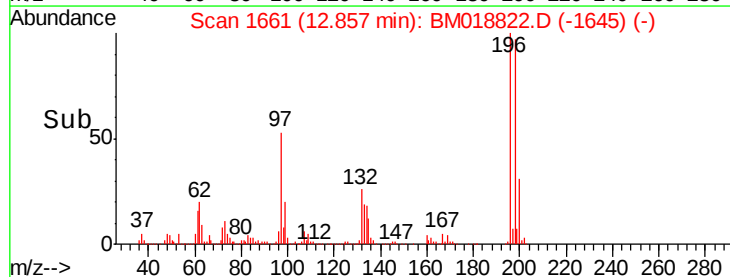
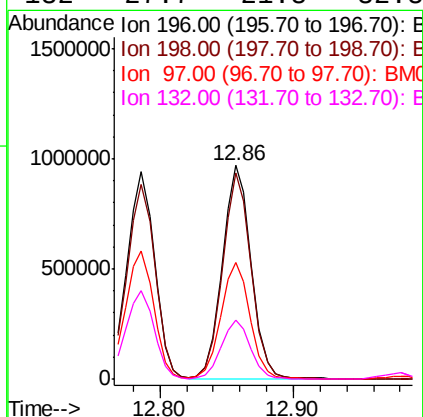
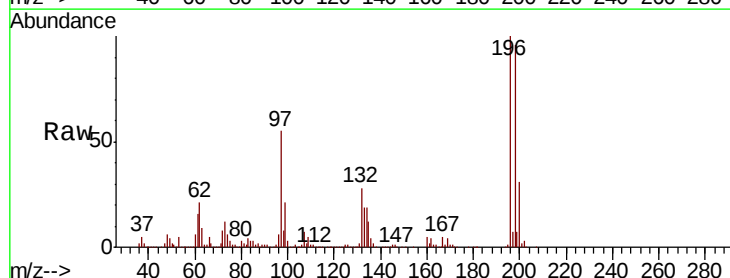
Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

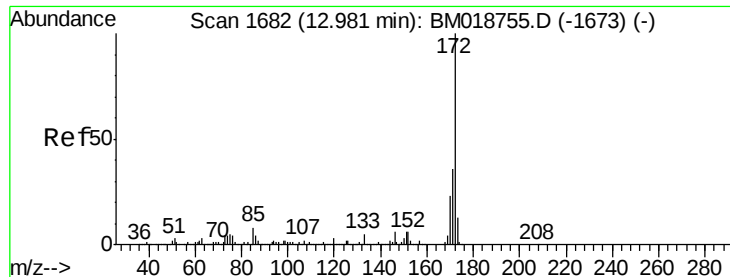
Tgt Ion:196 Resp: 1353631
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.2 114.2
 200 30.2 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 80.986 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion:196 Resp: 1458746
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.6 116.4
 97 54.7 42.8 64.2
 132 27.7 21.8 32.8

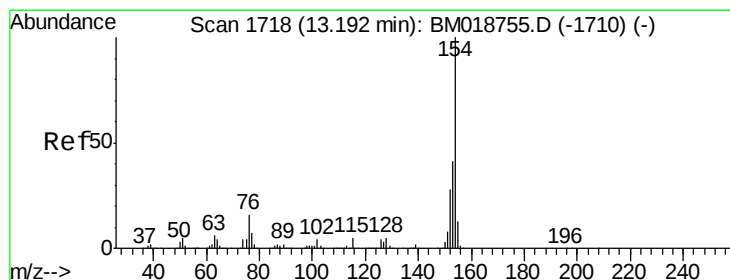
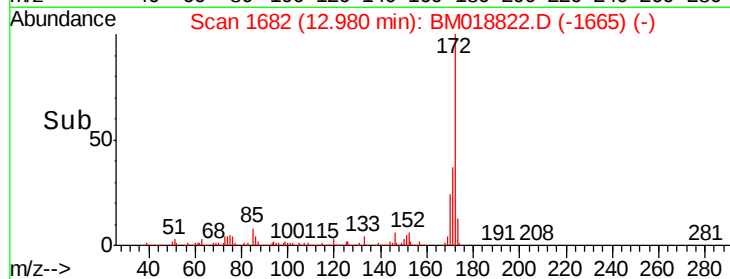
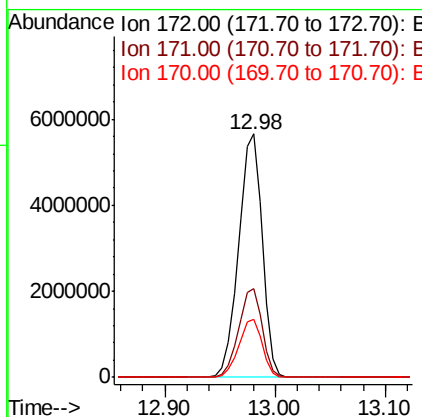
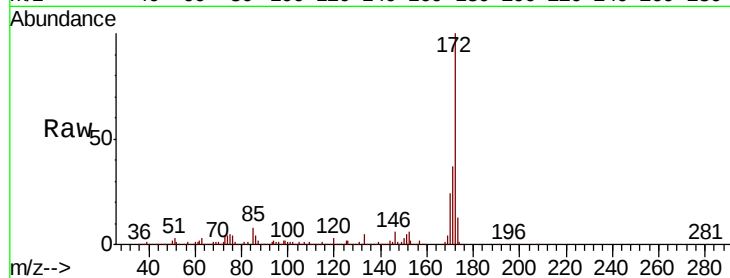




#45
 2-Fluorobiphenyl
 Concen: 138.909 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

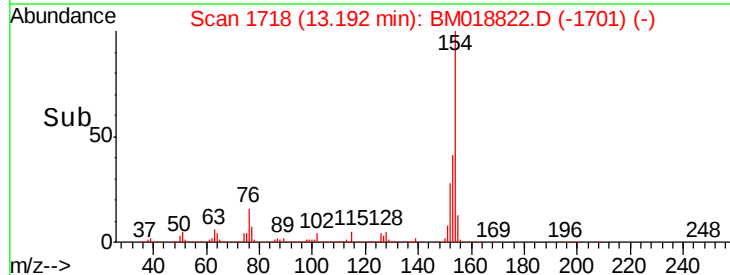
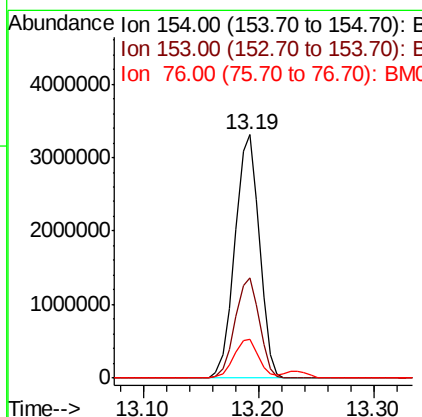
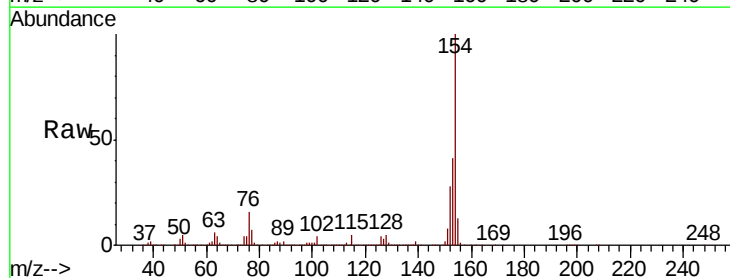
Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

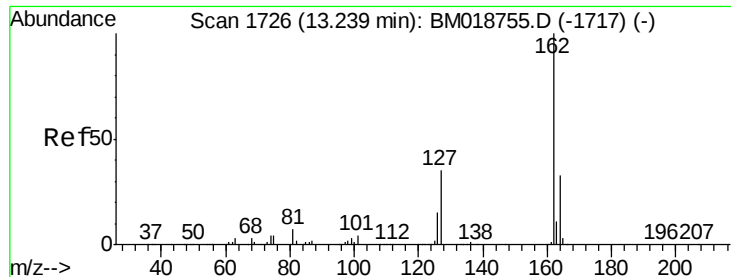
Tgt Ion:172 Resp: 8491774
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 23.9 18.6 28.0



#46
 1,1'-Biphenyl
 Concen: 69.329 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion:154 Resp: 4842870
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.1 61.1
 76 15.8 0.0 35.7

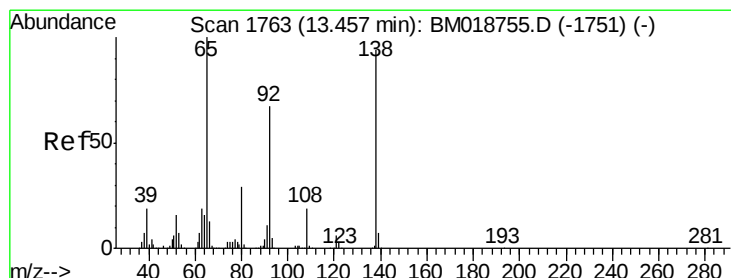
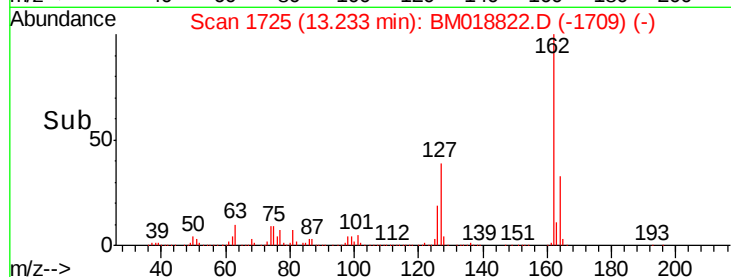
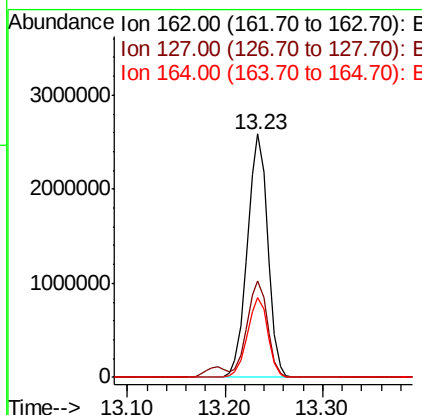
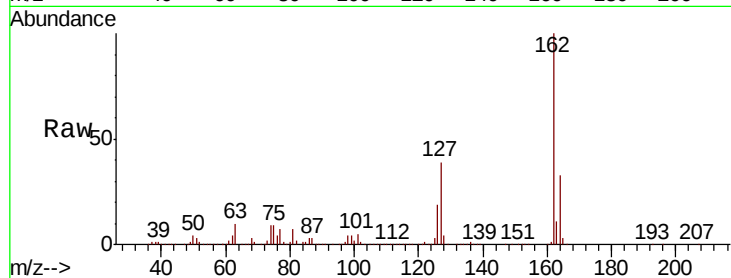




#47
2-Chloronaphthalene
Concen: 70.409 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

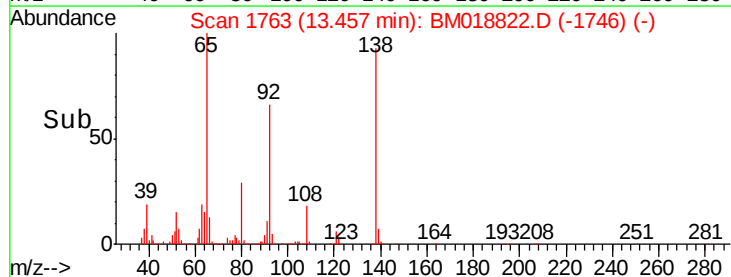
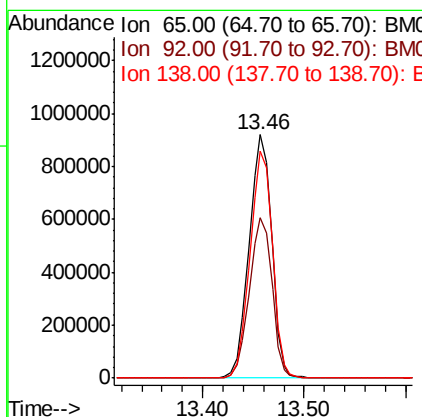
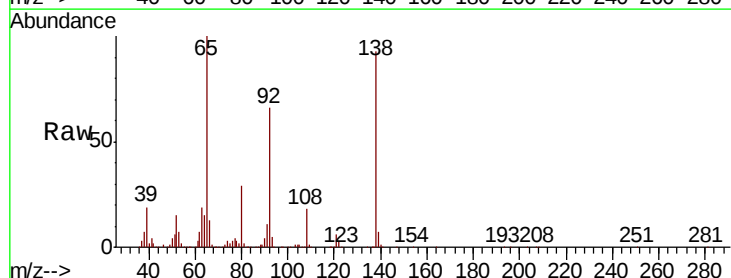
Instrument :
BNA_M
ClientSampleId :
CH-021419MS

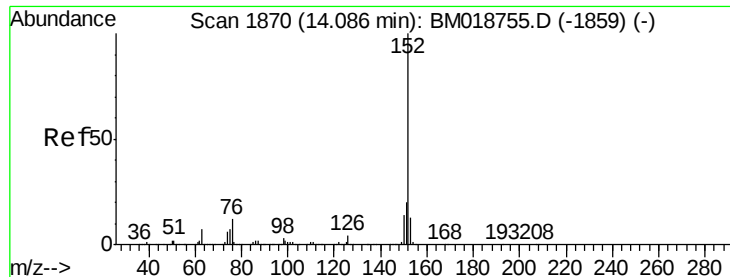
Tgt Ion: 162 Resp: 3798820
Ion Ratio Lower Upper
162 100
127 39.4 31.1 46.7
164 33.0 26.4 39.6



#48
2-Nitroaniline
Concen: 79.817 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion: 65 Resp: 1430244
Ion Ratio Lower Upper
65 100
92 65.8 54.0 81.0
138 93.3 74.9 112.3





#49

Acenaphthylene

Concen: 78.615 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

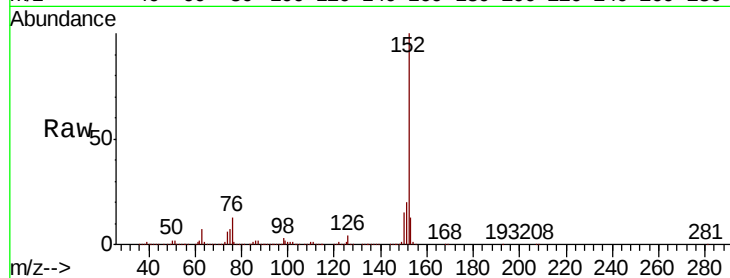
Tgt Ion:152 Resp: 6315732

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

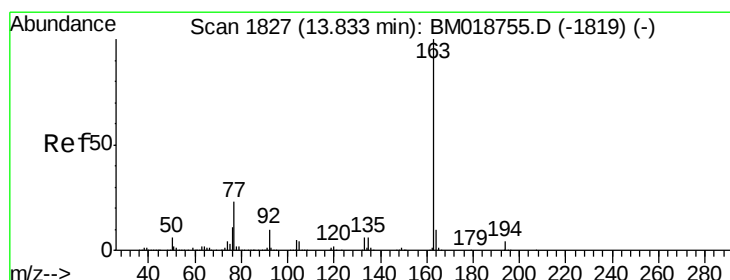
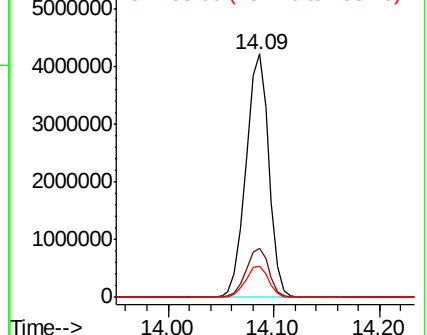
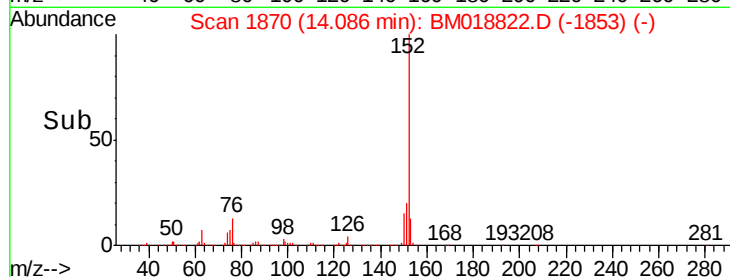
153 13.0 10.5 15.7



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: 80.668 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

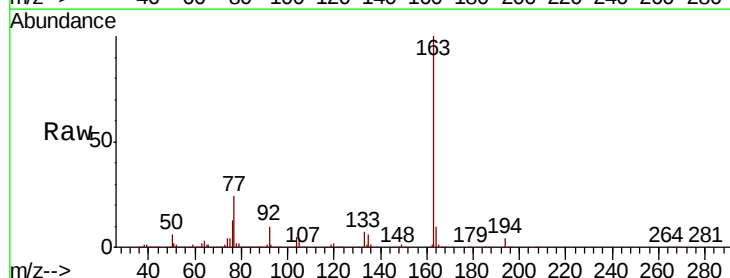
Tgt Ion:163 Resp: 5455651

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

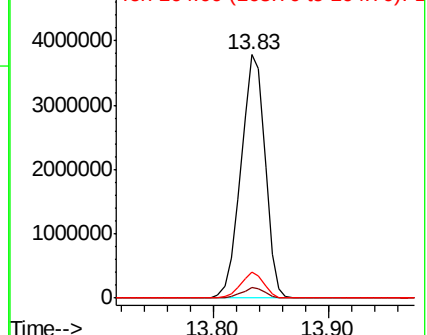
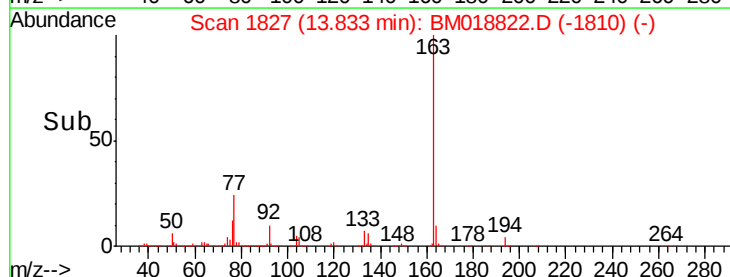
164 10.4 7.8 11.8

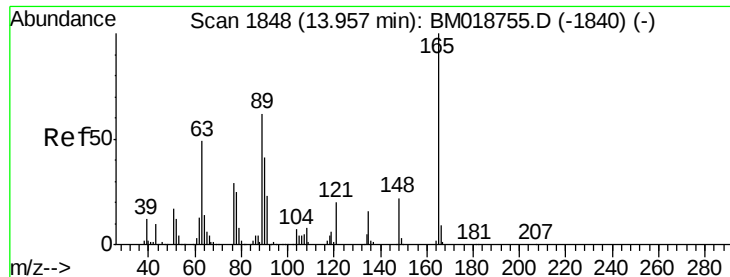


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

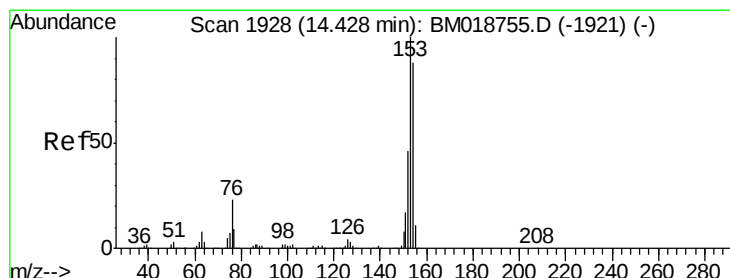
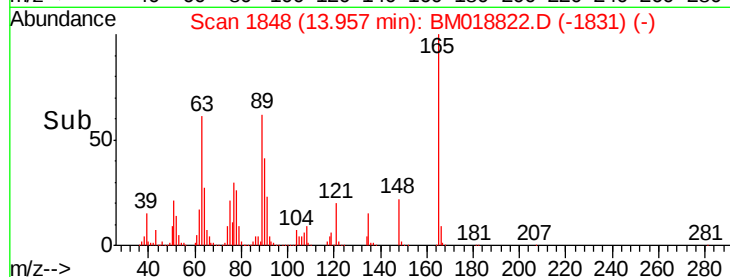
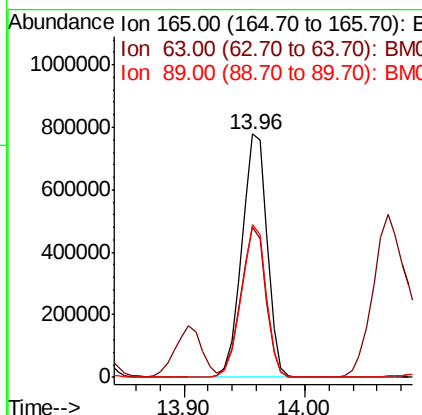
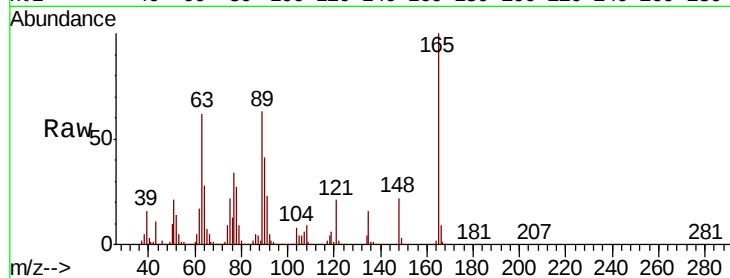




#51
2,6-Dinitrotoluene
Concen: 77.657 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

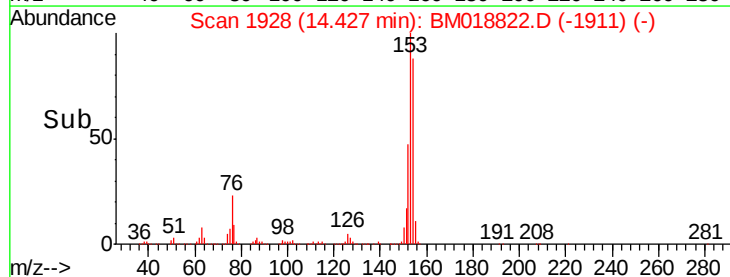
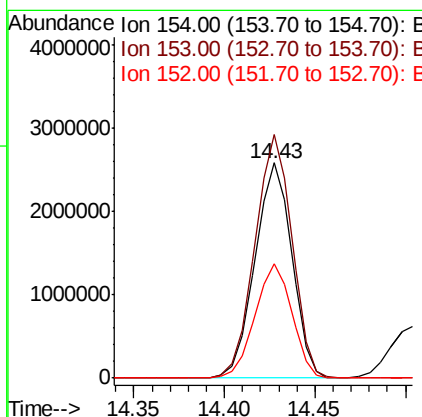
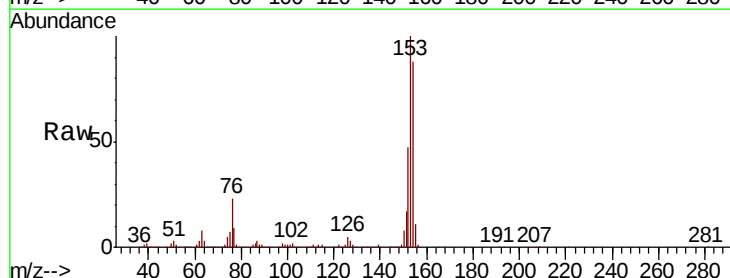
Instrument :
BNA_M
ClientSampleId :
CH-021419MS

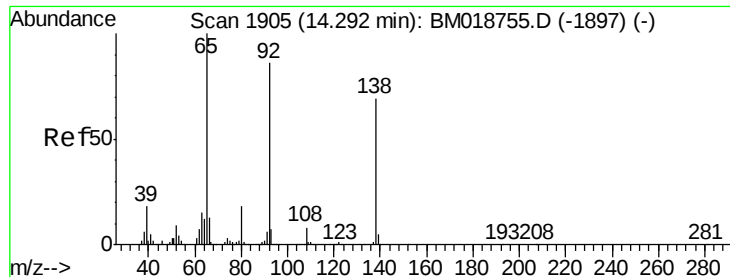
Tgt Ion:165 Resp: 1137700
Ion Ratio Lower Upper
165 100
63 61.8 48.9 73.3
89 62.6 49.4 74.0



#52
Acenaphthene
Concen: 74.098 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:154 Resp: 3650169
Ion Ratio Lower Upper
154 100
153 113.3 91.3 136.9
152 53.2 42.2 63.4

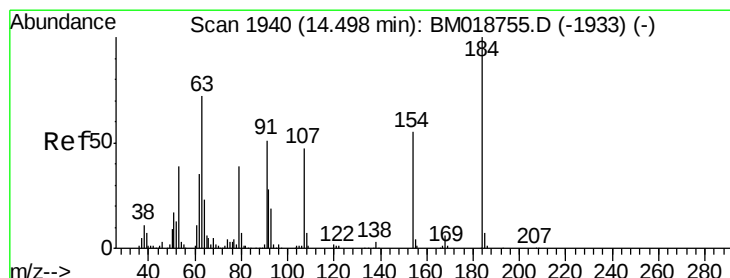
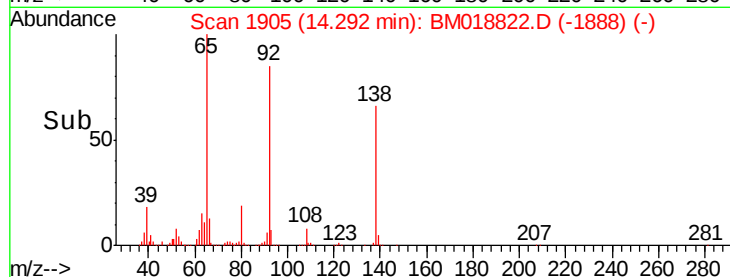
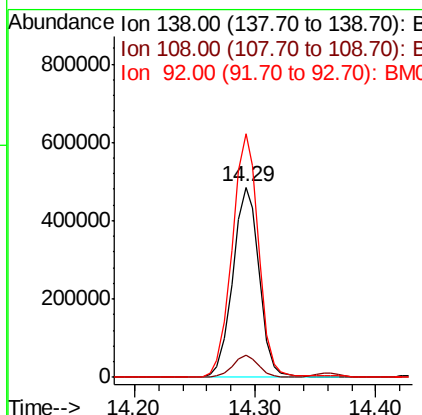
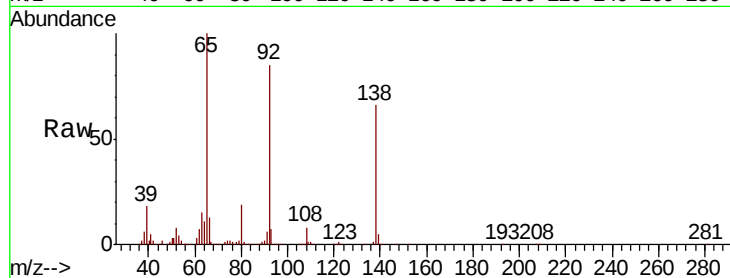




#53
 3-Nitroaniline
 Concen: 44.733 ng
 RT: 14.29 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

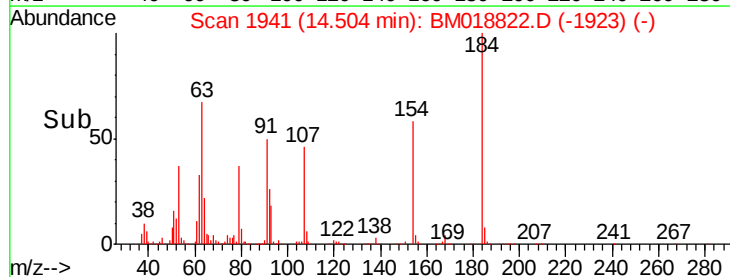
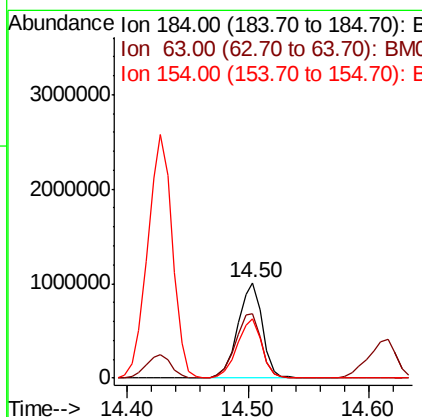
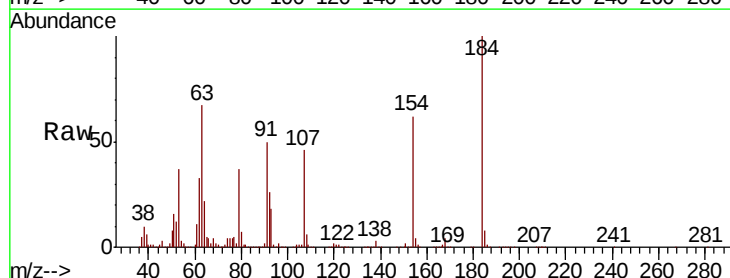
Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

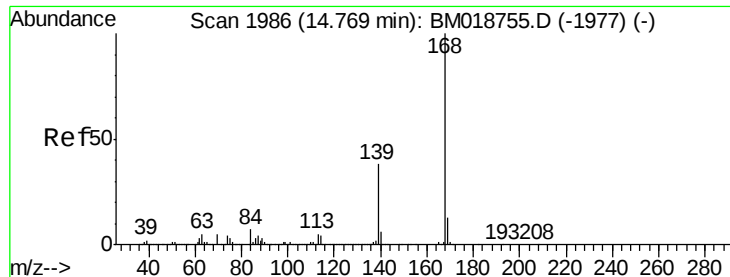
Tgt Ion:138 Resp: 740481
 Ion Ratio Lower Upper
 138 100
 108 11.4 9.1 13.7
 92 128.0 99.7 149.5



#54
 2,4-Dinitrophenol
 Concen: 148.244 ng
 RT: 14.50 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion:184 Resp: 1427327
 Ion Ratio Lower Upper
 184 100
 63 67.3 58.0 87.0
 154 61.8 50.3 75.5





#55

Dibenzofuran

Concen: 73.231 ng

RT: 14.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

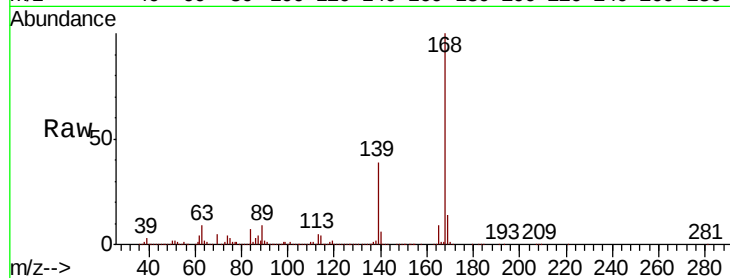
Tgt Ion:168 Resp: 5929390

Ion Ratio Lower Upper

168 100

139 38.6 30.7 46.1

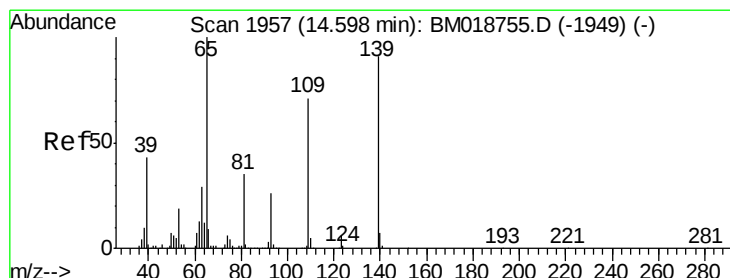
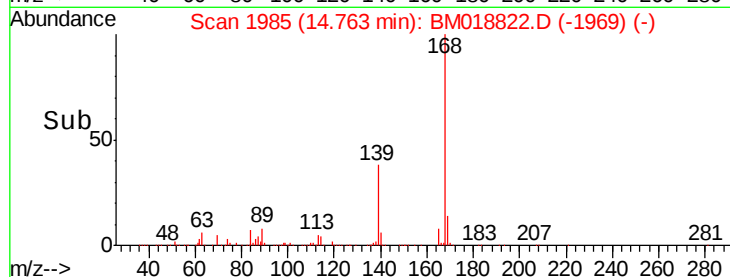
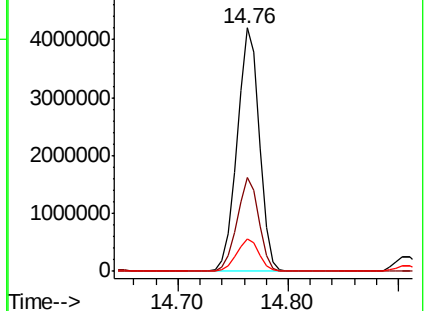
169 13.6 10.3 15.5



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: 159.959 ng

RT: 14.62 min Scan# 1960

Delta R.T. 0.02 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

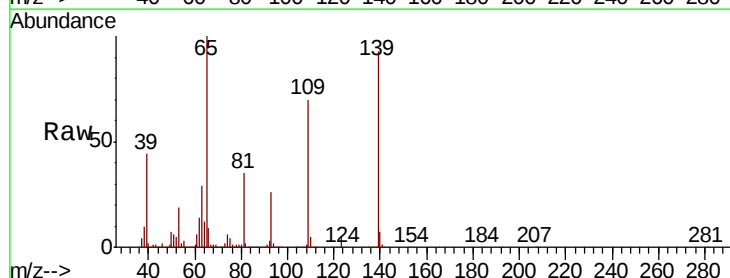
Tgt Ion:139 Resp: 2113726

Ion Ratio Lower Upper

139 100

109 75.4 58.4 98.4

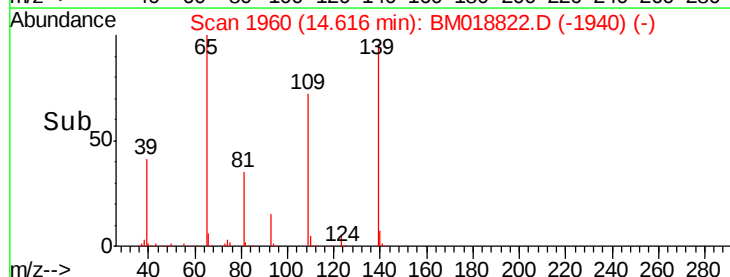
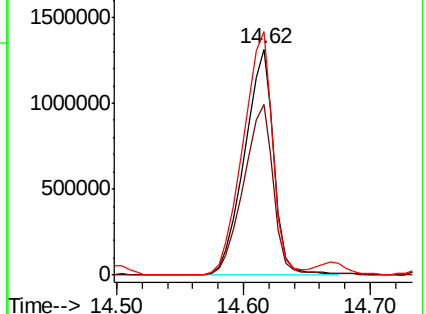
65 107.8 89.8 129.8

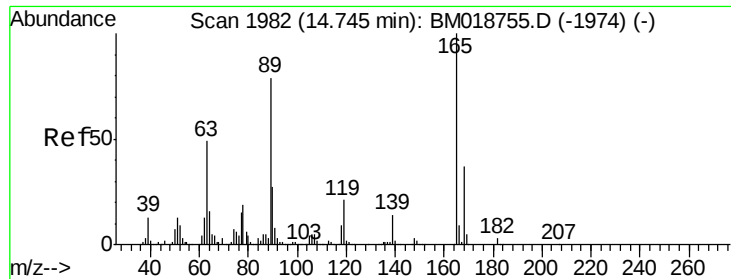


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

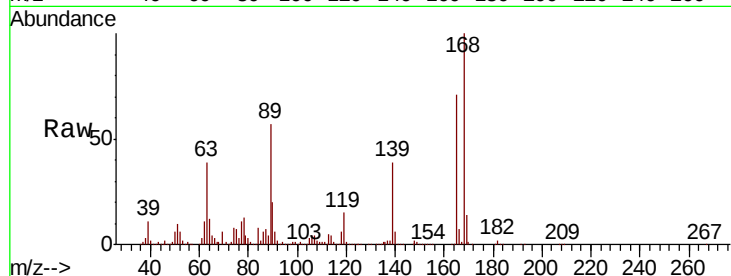




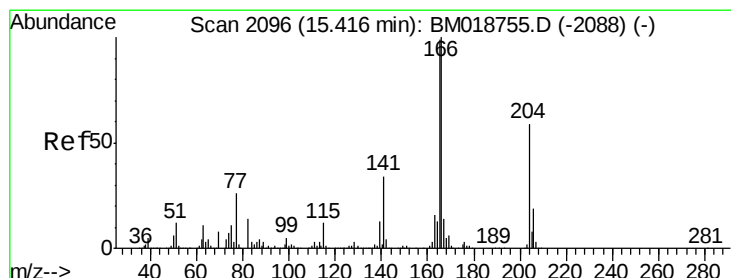
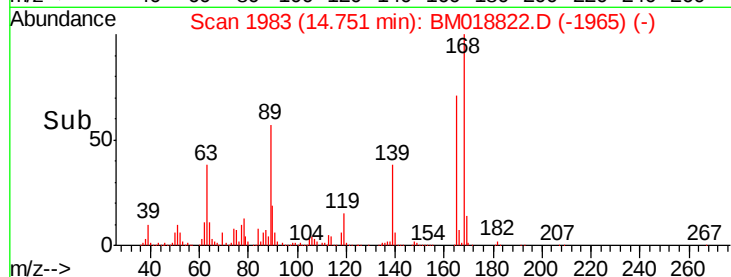
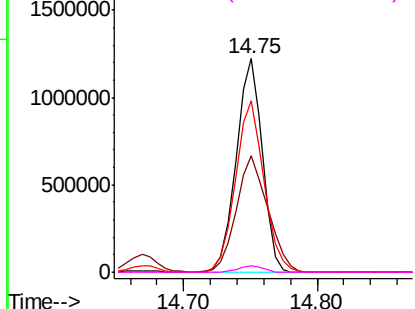
#57
2,4-Dinitrotoluene
Concen: 81.897 ng
RT: 14.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tgt Ion:165 Resp: 1653126
Ion Ratio Lower Upper
165 100
63 54.3 39.6 59.4
89 80.1 63.5 95.3
182 3.0 2.2 3.4

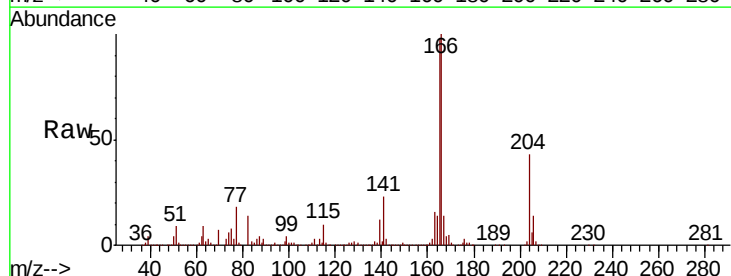


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

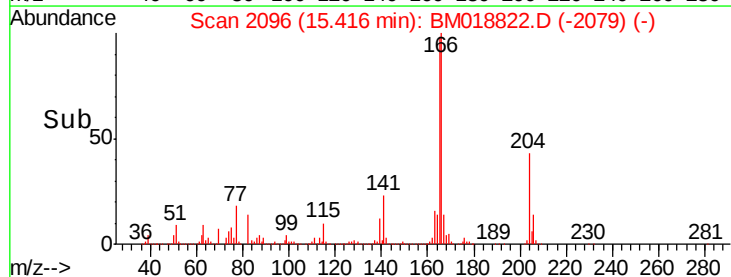
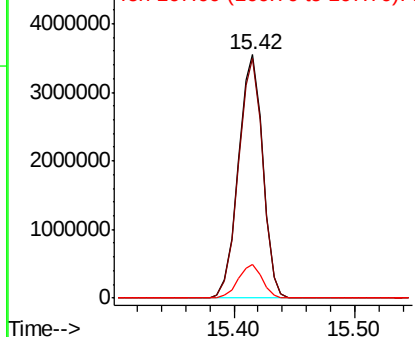


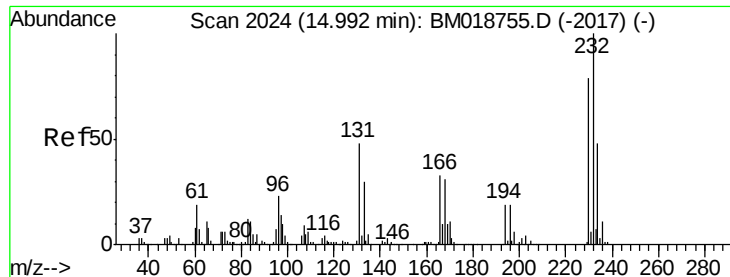
#58
Fluorene
Concen: 80.610 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:166 Resp: 4993245
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 13.6 11.0 16.4



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

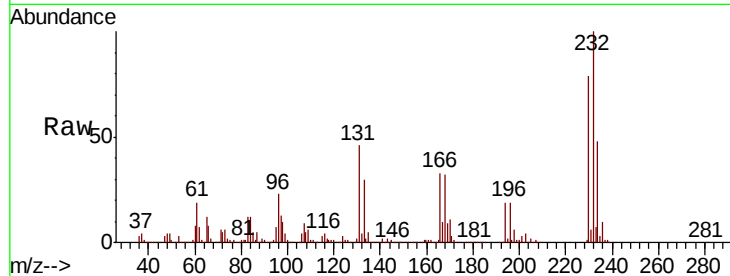




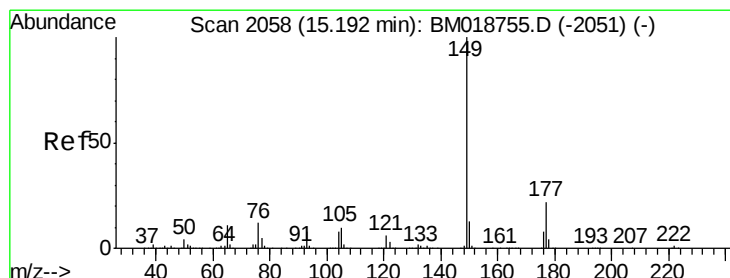
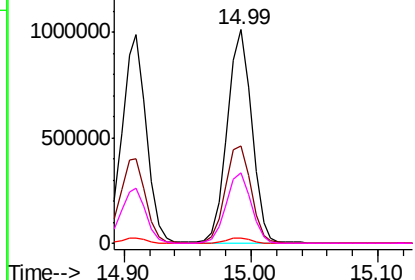
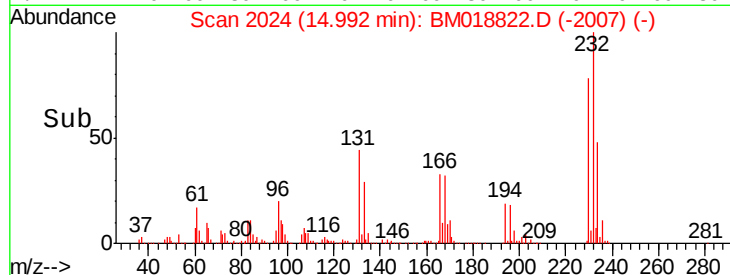
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 84.695 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tgt Ion:232 Resp: 1348462
 Ion Ratio Lower Upper
 232 100
 131 48.0 38.6 57.8
 130 2.6 2.0 3.0
 166 33.5 26.9 40.3

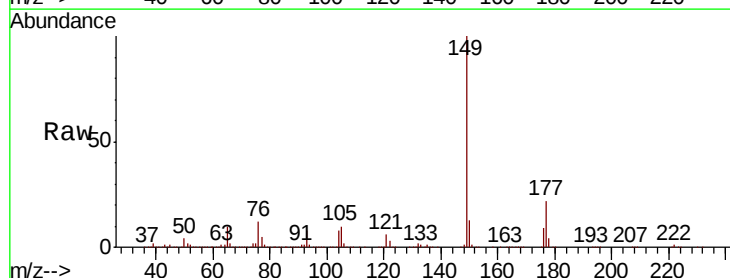


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

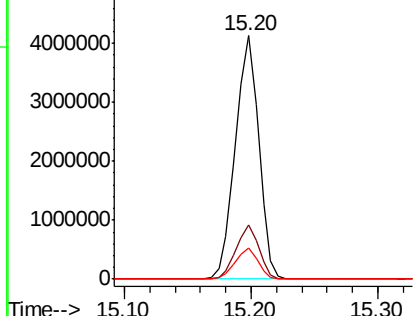
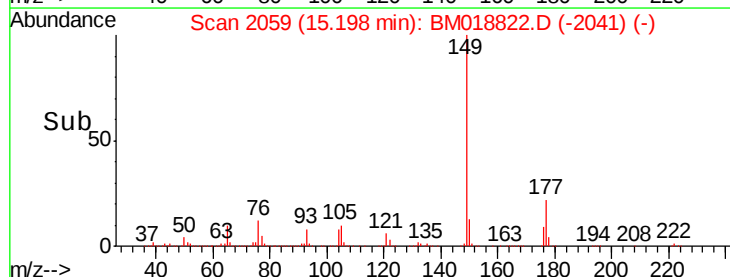


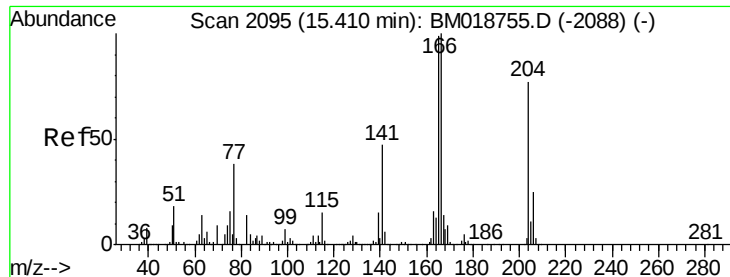
#60
 Diethylphthalate
 Concen: 75.230 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion:149 Resp: 5248345
 Ion Ratio Lower Upper
 149 100
 177 22.4 17.2 25.8
 150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

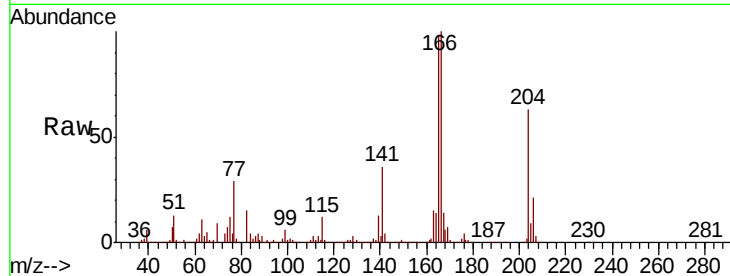




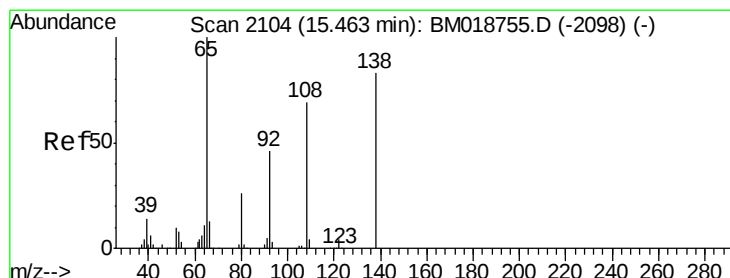
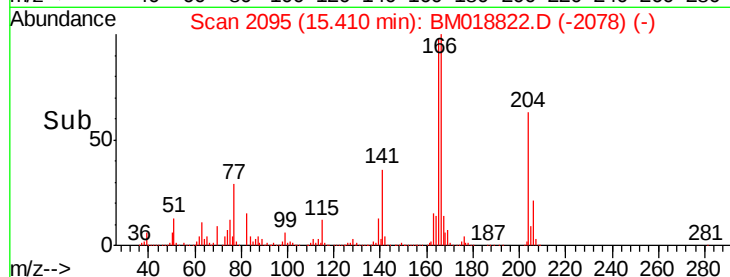
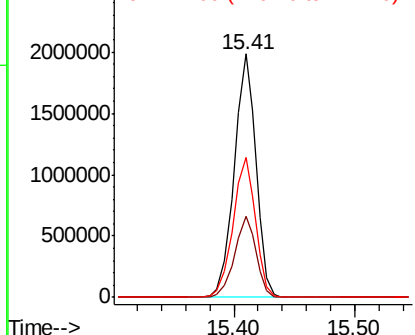
#61
4-Chlorophenyl-phenylether
Concen: 71.509 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tgt Ion:204 Resp: 2483510
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 57.6 49.2 73.8

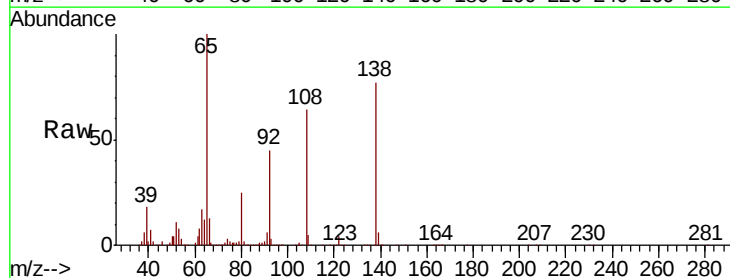


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

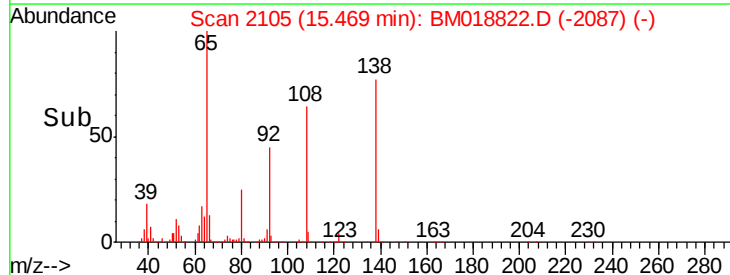
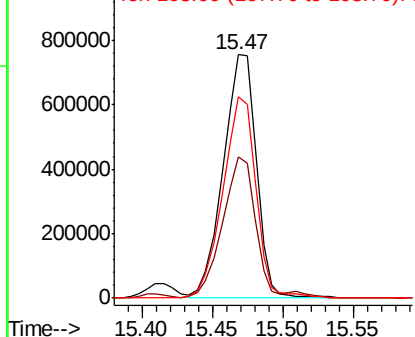


#62
4-Nitroaniline
Concen: 75.584 ng
RT: 15.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:138 Resp: 1226602
Ion Ratio Lower Upper
138 100
92 57.8 35.5 75.5
108 82.7 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: 75.567 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

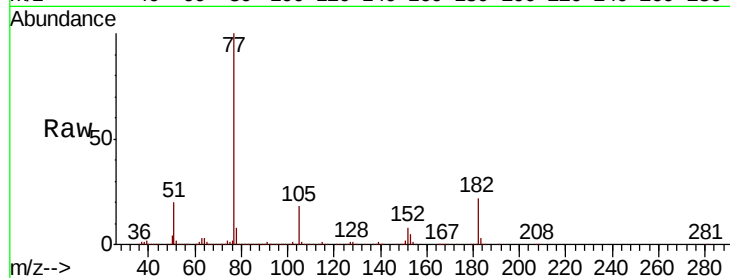
BNA_M

ClientSampleId :

CH-021419MS

Tgt Ion: 77 Resp: 5652570

Ion	Ratio	Lower	Upper
77	100		
182	21.9	1.0	41.0
105	18.3	0.0	37.7
51	20.3	0.3	40.3

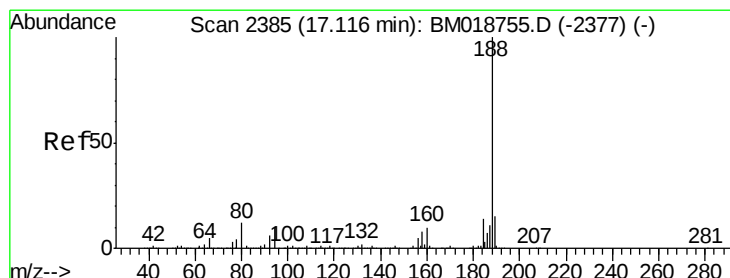
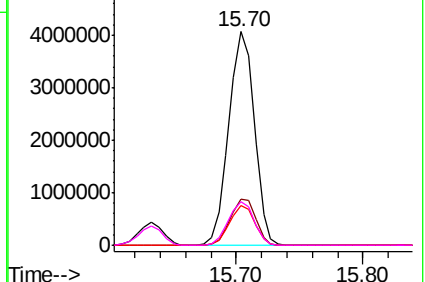
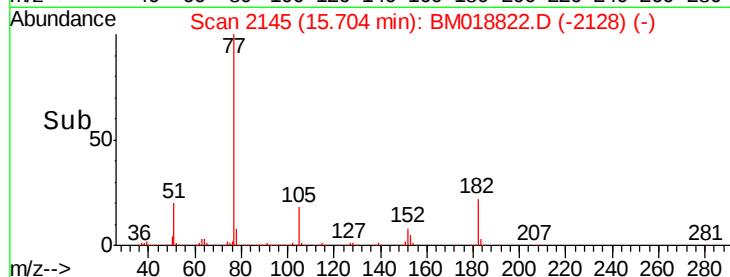


Abundance Ion 77.00 (76.70 to 77.70): BM018822.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM018822.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BM018822.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM018822.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2384

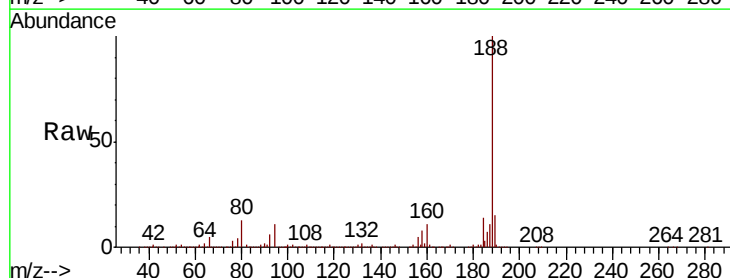
Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tgt Ion: 188 Resp: 1892298

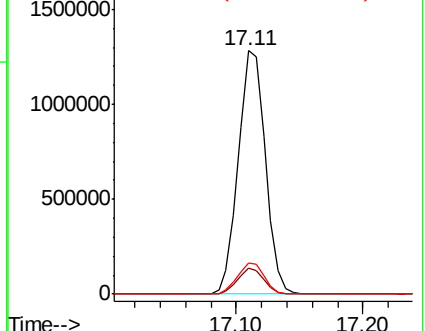
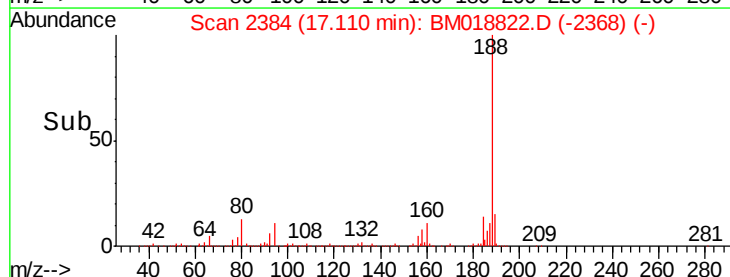
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.2
80	13.0	9.7	14.5

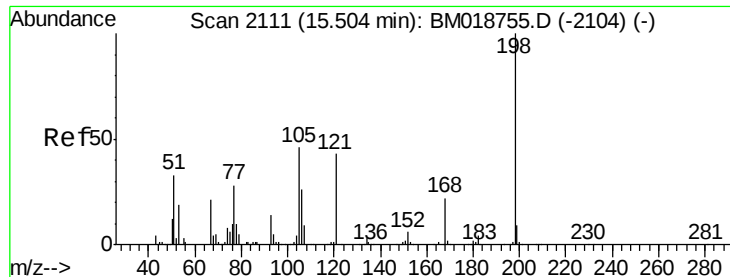


Abundance Ion 188.00 (187.70 to 188.70): BM018822.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018822.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018822.D (-2368) (-)

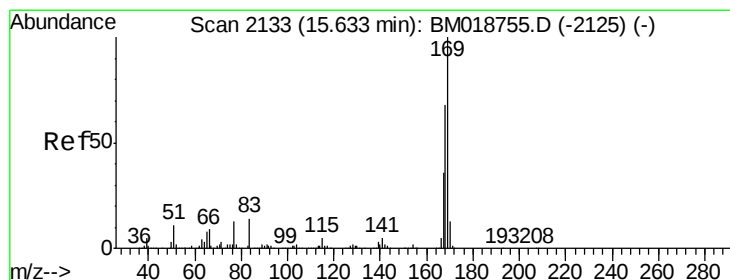
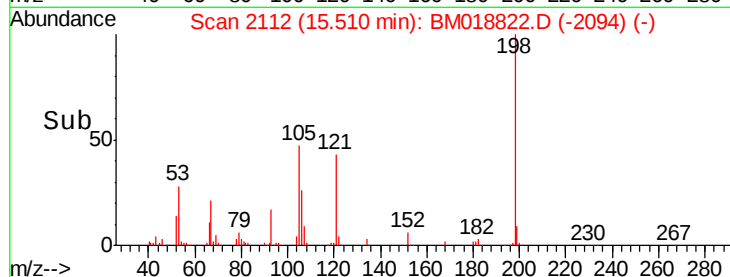
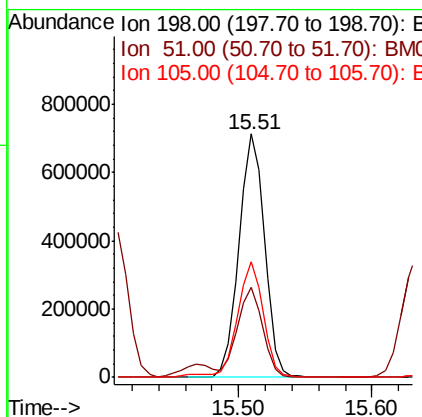
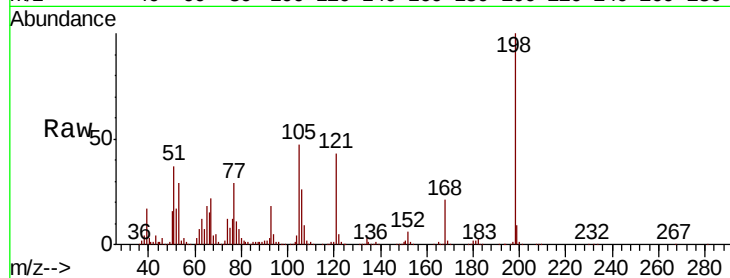




#65
 4,6-Dinitro-2-methylphenol
 Concen: 71.352 ng
 RT: 15.51 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

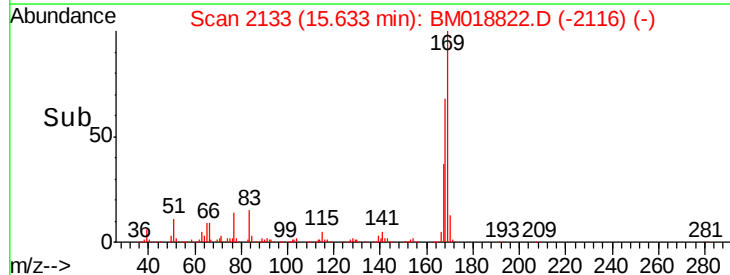
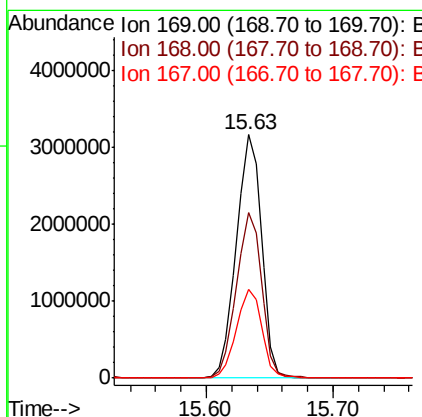
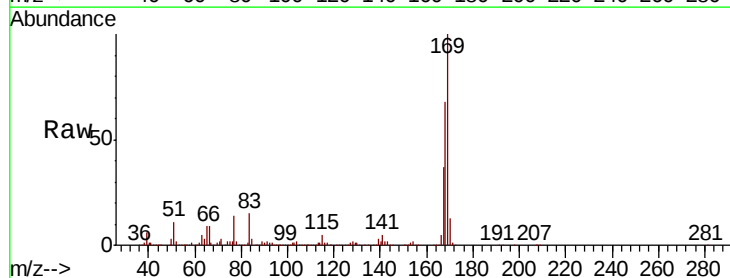
Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

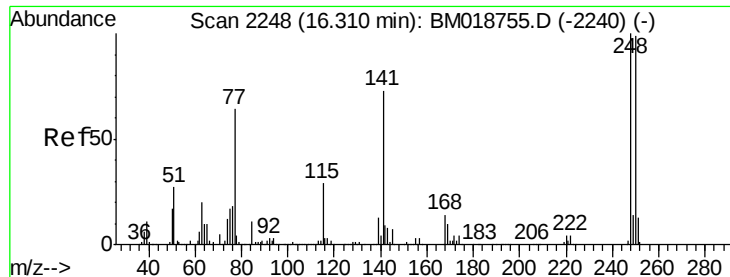
Tgt Ion:198 Resp: 947978
 Ion Ratio Lower Upper
 198 100
 51 36.7 18.4 58.4
 105 47.3 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 72.647 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion:169 Resp: 4343195
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 36.6 29.0 43.6

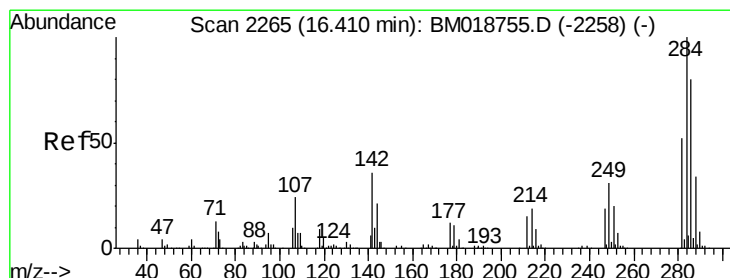
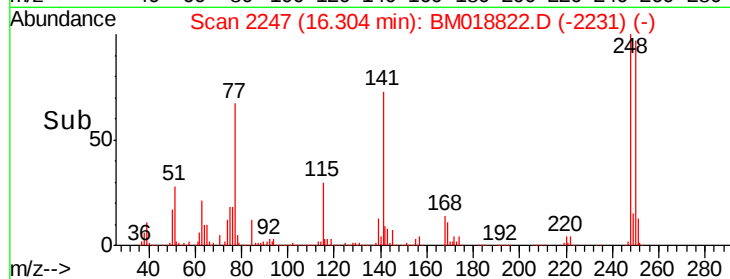
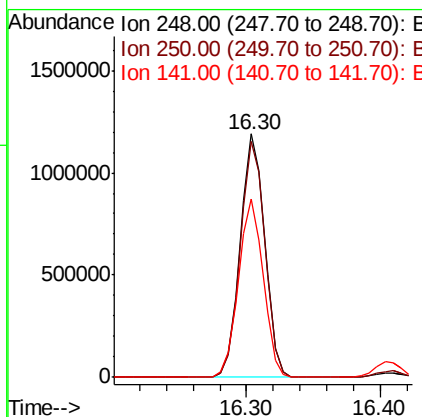
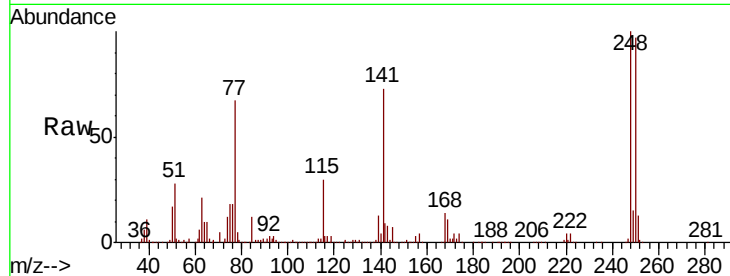




#67
4-Bromophenyl-phenylether
Concen: 71.204 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

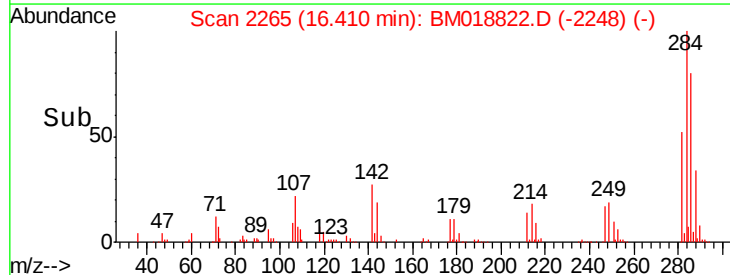
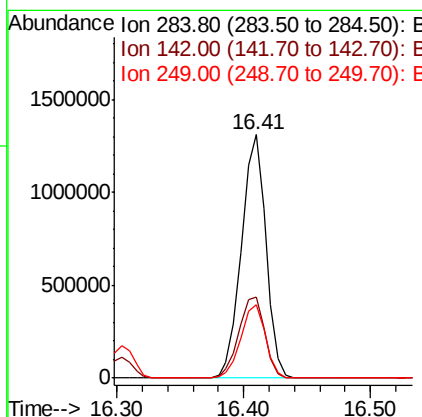
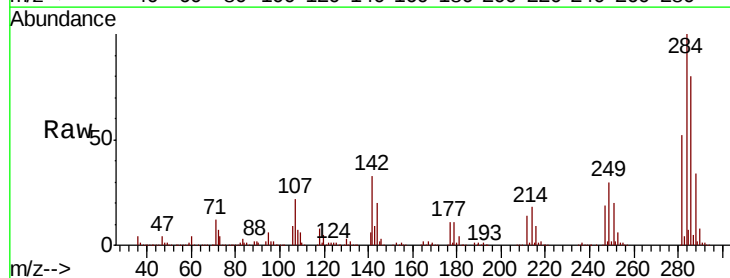
Instrument :
BNA_M
ClientSampleId :
CH-021419MS

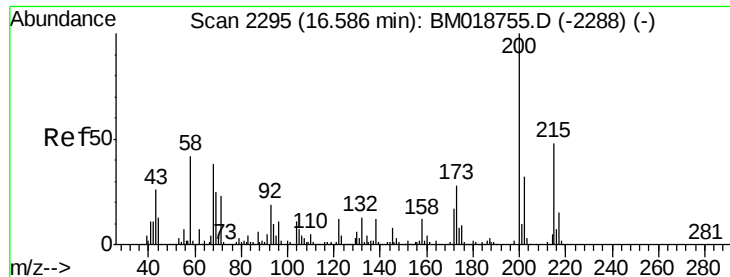
Tgt Ion:248 Resp: 1508177
Ion Ratio Lower Upper
248 100
250 96.7 79.0 118.6
141 73.4 58.6 88.0



#68
Hexachlorobenzene
Concen: 71.213 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:284 Resp: 1753244
Ion Ratio Lower Upper
284 100
142 33.3 28.9 43.3
249 30.2 24.8 37.2

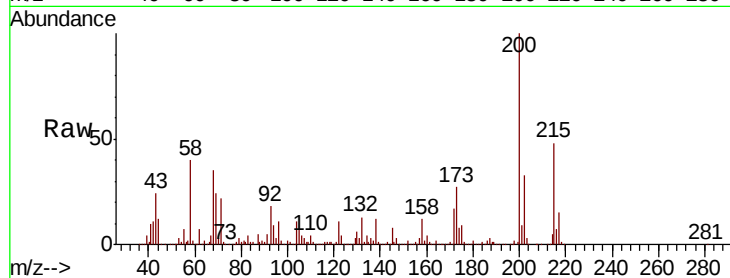




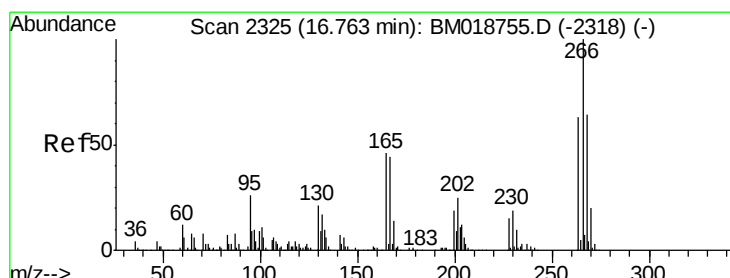
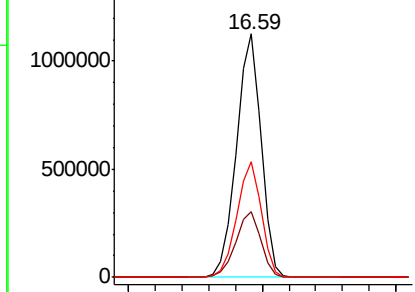
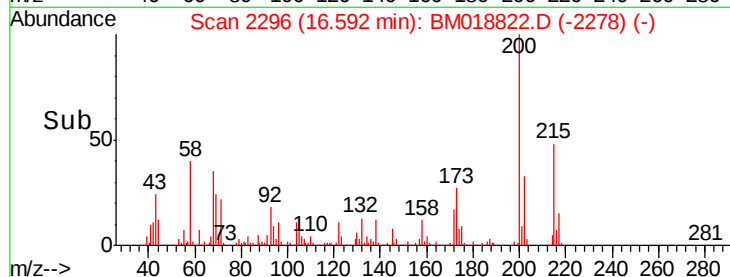
#69
 Atrazine
 Concen: 74.973 ng
 RT: 16.59 min Scan# 2296
 Delta R.T. 0.01 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tgt Ion:200 Resp: 1445033
 Ion Ratio Lower Upper
 200 100
 173 27.2 7.6 47.6
 215 47.6 27.6 67.6

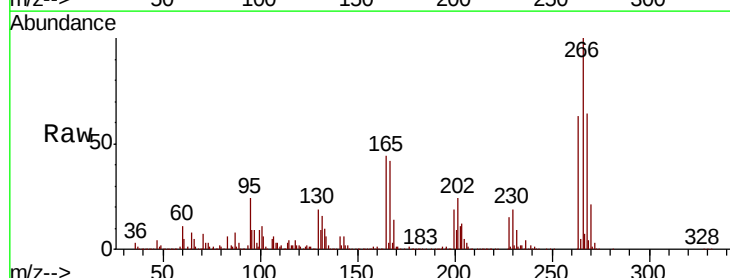


Abundance Ion 200.00 (199.70 to 200.70): E
 1500000 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

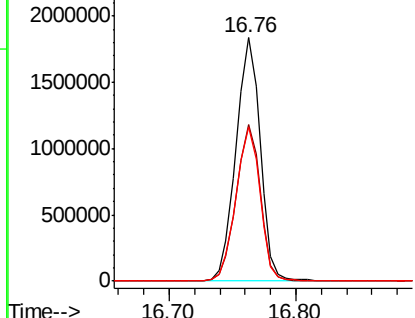
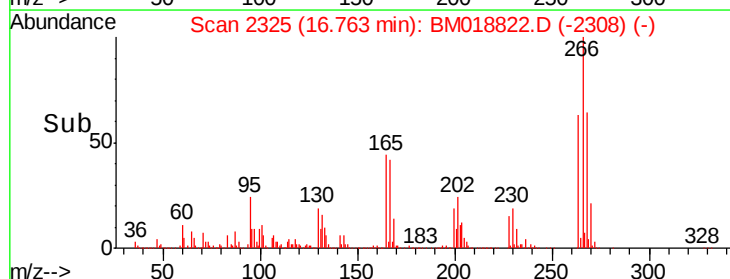


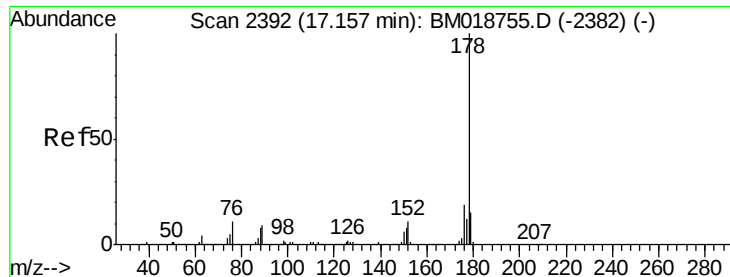
#70
 Pentachlorophenol
 Concen: 153.389 ng
 RT: 16.76 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion:266 Resp: 2431545
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.3 76.9
 264 63.3 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
 2500000 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

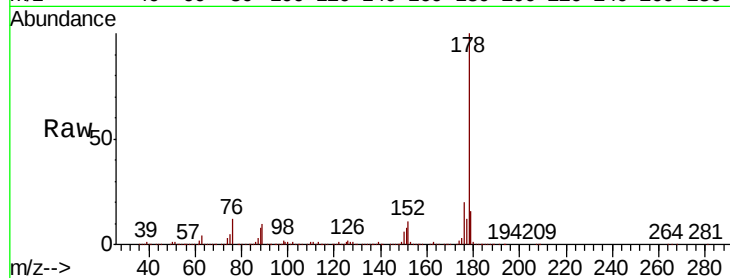




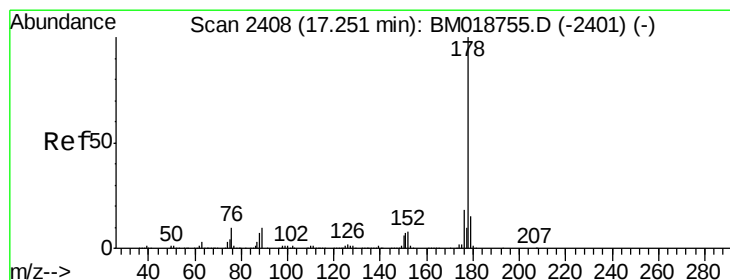
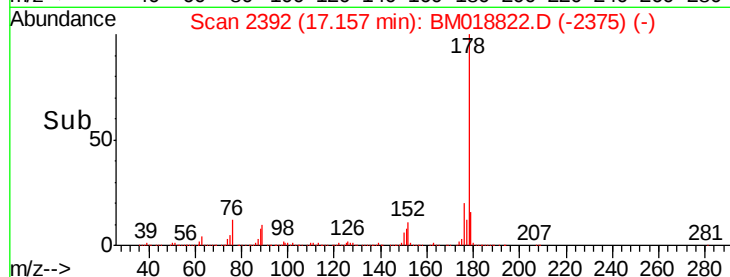
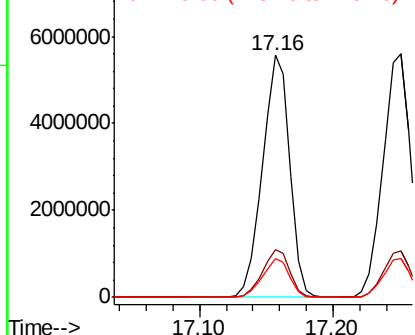
#71
Phenanthrene
Concen: 76.921 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tgt Ion:178 Resp: 7822513
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.9 12.3 18.5

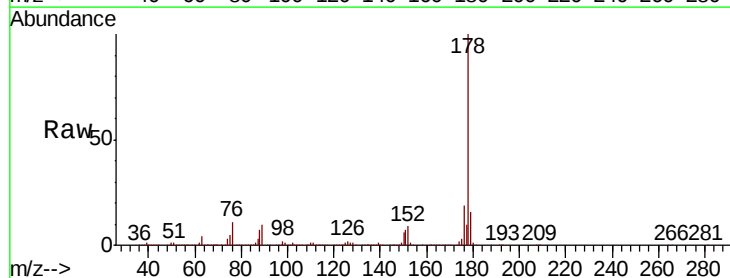


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

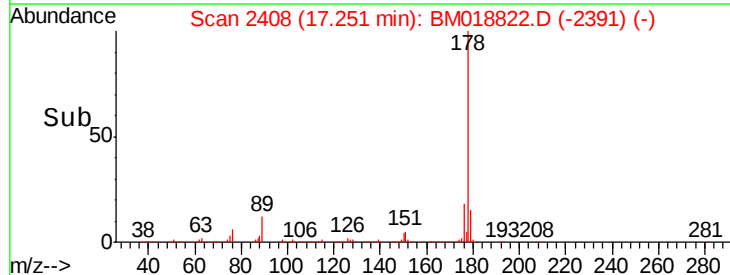
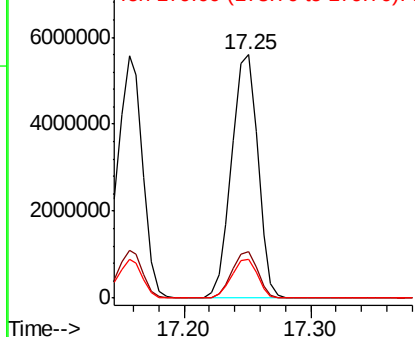


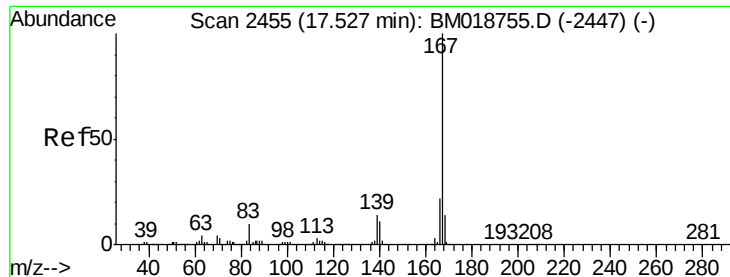
#72
Anthracene
Concen: 81.147 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:178 Resp: 8032190
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.7 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

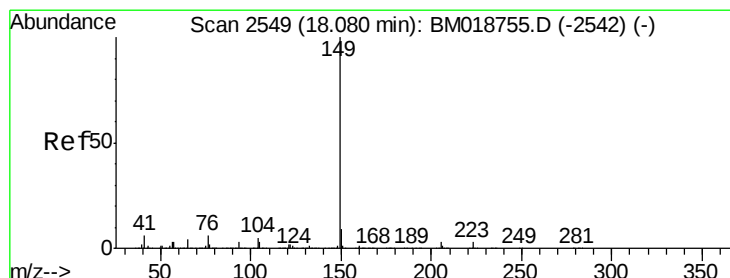
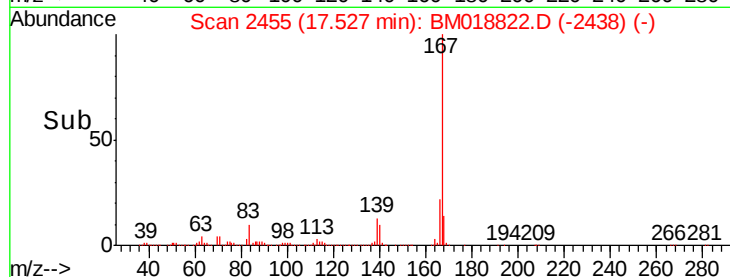
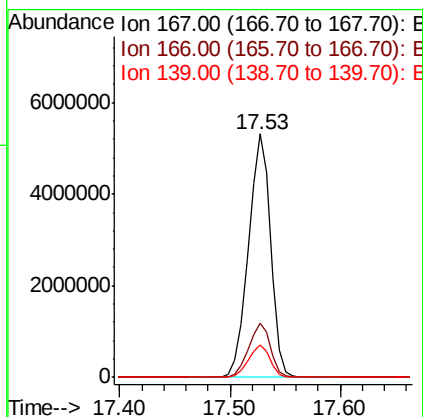
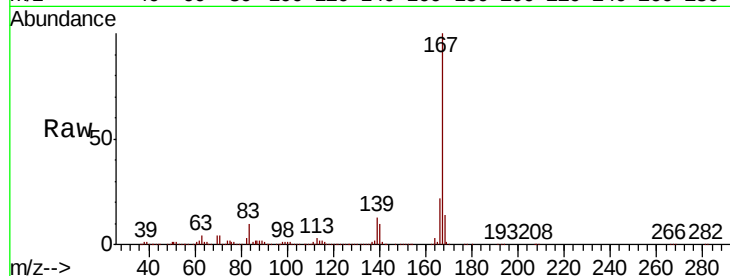




#73
 Carbazole
 Concen: 72.189 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

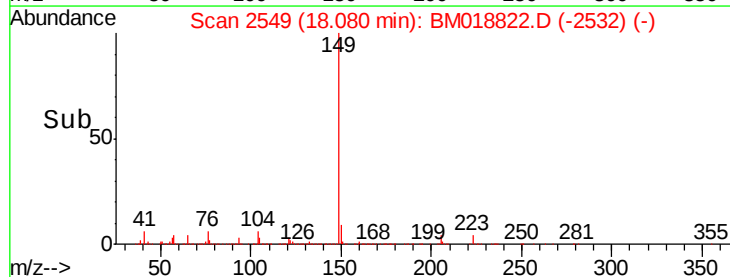
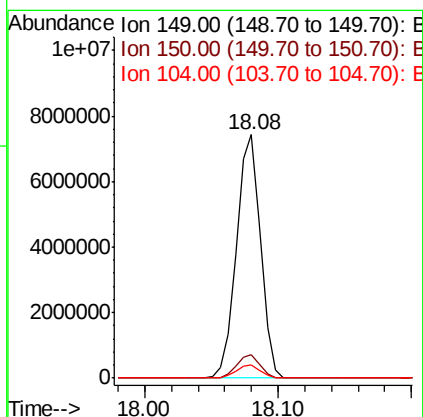
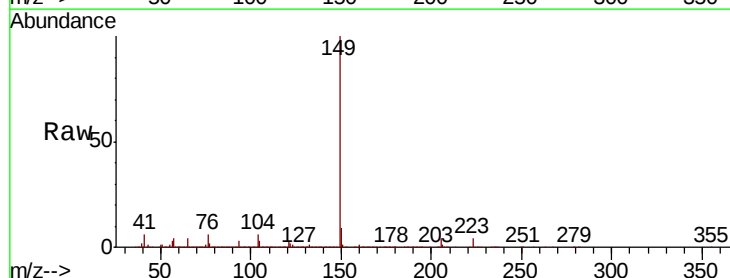
Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tgt Ion:167 Resp: 7465283
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 78.031 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion:149 Resp: 9280418
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.5 4.3 6.5

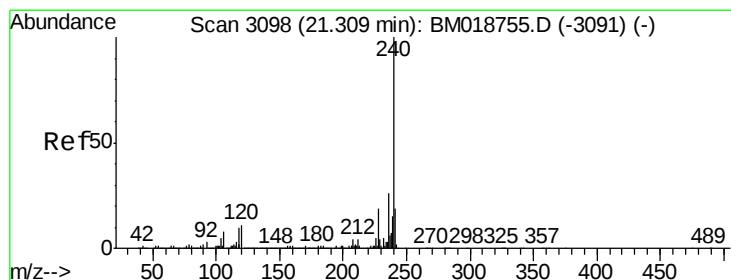
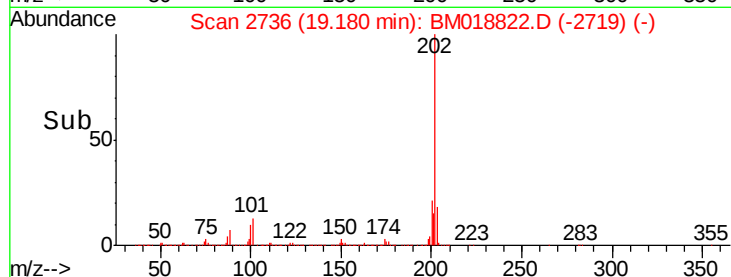
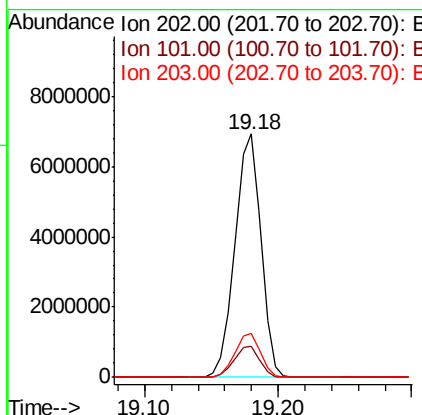
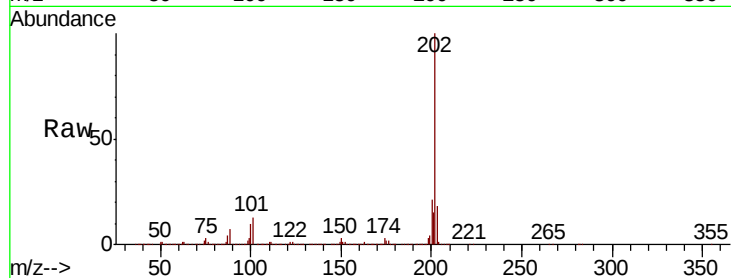




#75
 Fluoranthene
 Concen: 80.076 ng
 RT: 19.18 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

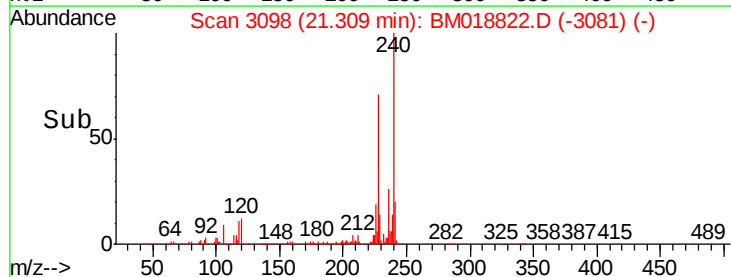
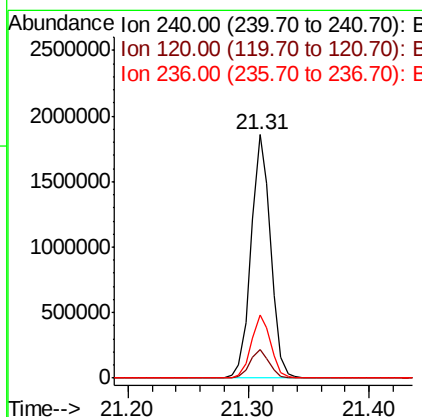
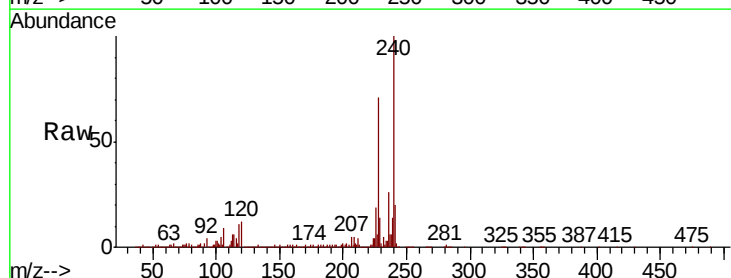
Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

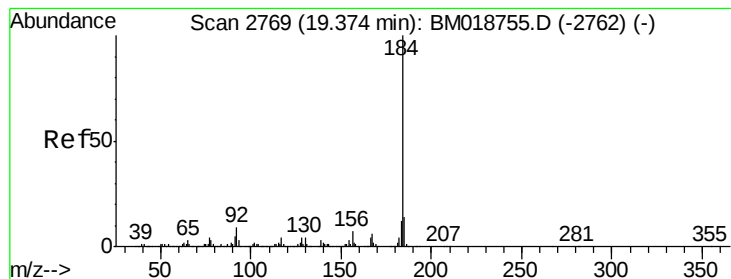
Tgt Ion:202 Resp: 9406533
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 31.5
 203 18.1 0.0 37.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion:240 Resp: 2101467
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.9 13.3
 236 25.8 20.9 31.3





#77

Benzidine

Concen: 125.123 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

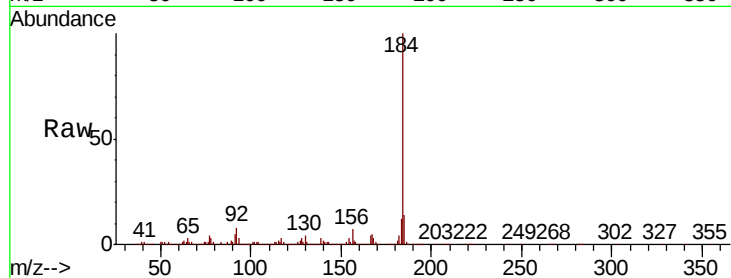
Tgt Ion:184 Resp: 5921809

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 12.3 9.7 14.5

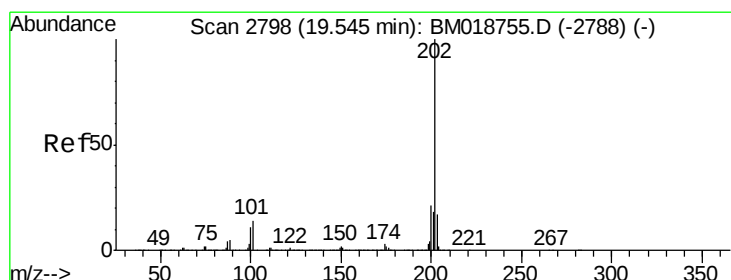
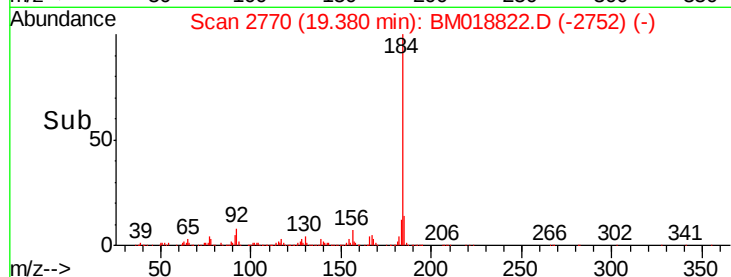
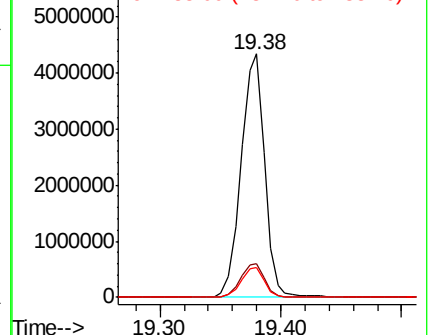


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 78.633 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

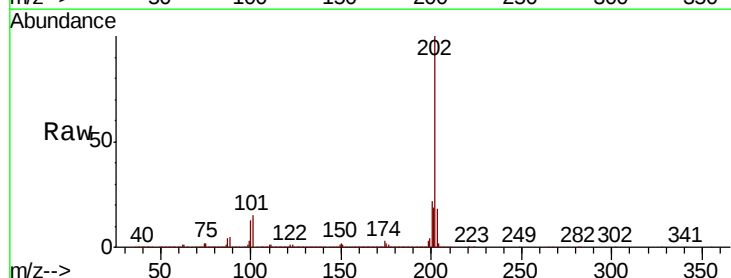
Tgt Ion:202 Resp: 9597296

Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

203 18.3 13.8 20.8

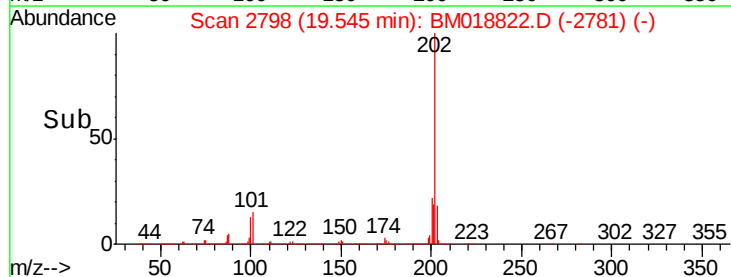
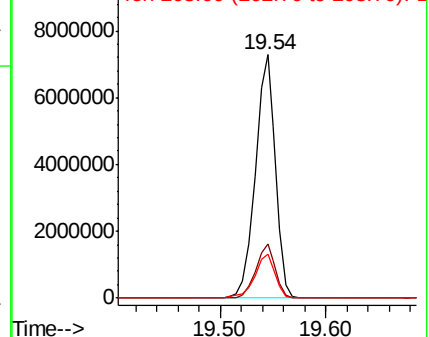


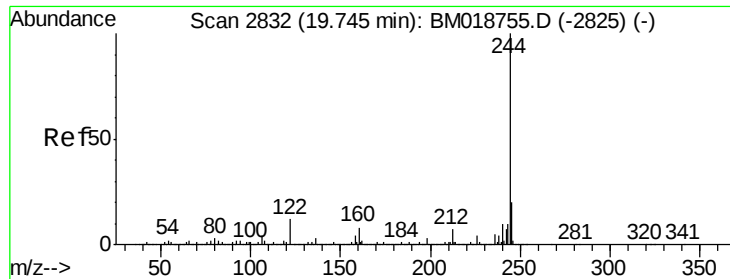
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 122.826 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

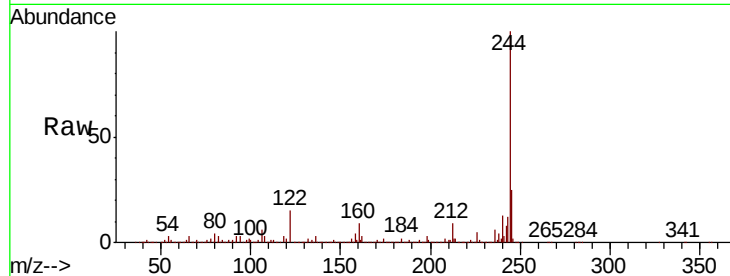
Tgt Ion:244 Resp:12512257

Ion Ratio Lower Upper

244 100

212 8.6 5.6 8.4#

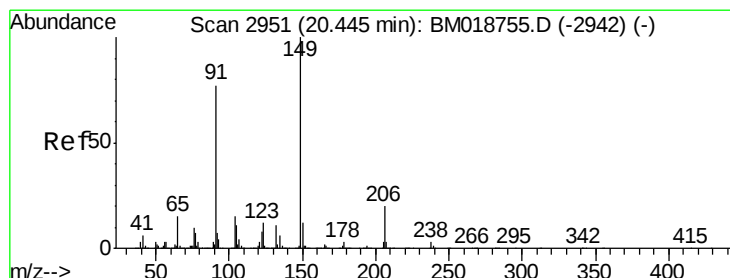
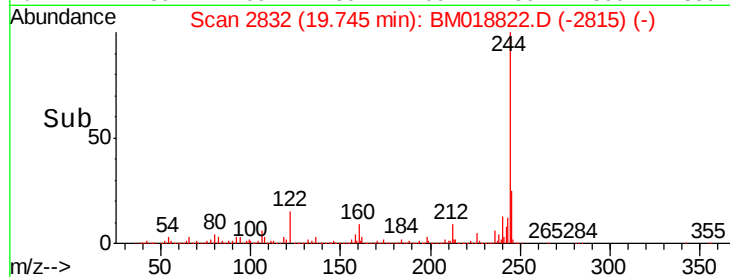
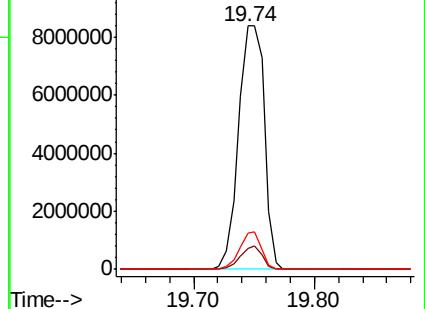
122 14.9 9.3 13.9#



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: 85.466 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

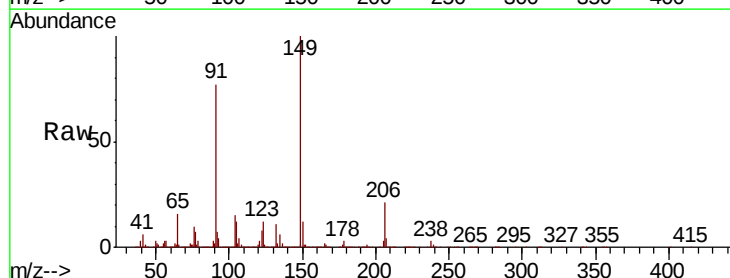
Tgt Ion:149 Resp: 4753893

Ion Ratio Lower Upper

149 100

91 77.3 61.4 92.0

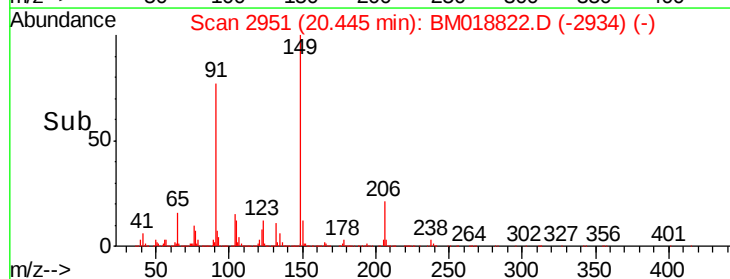
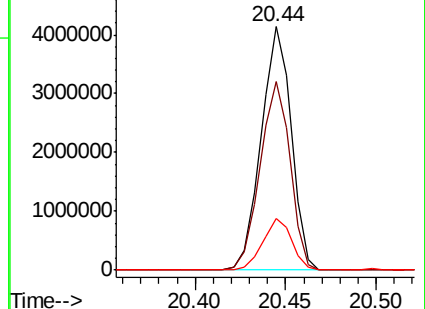
206 21.1 15.8 23.8

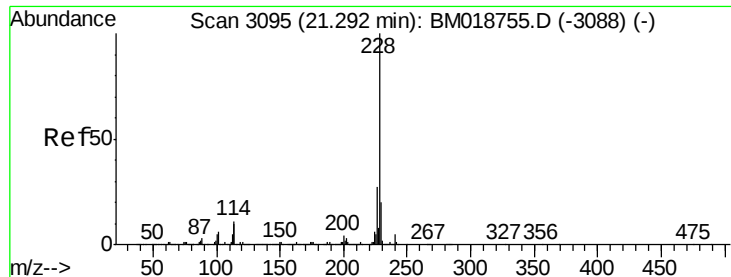


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 78.278 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

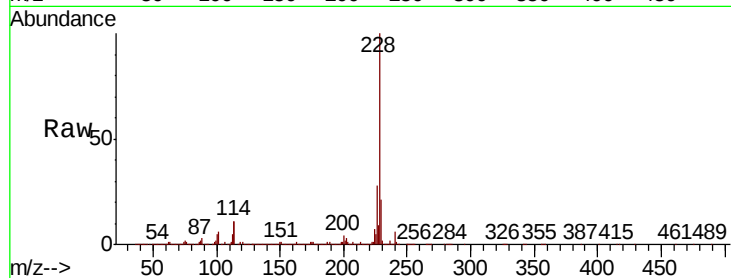
Tgt Ion:228 Resp: 9588920

Ion Ratio Lower Upper

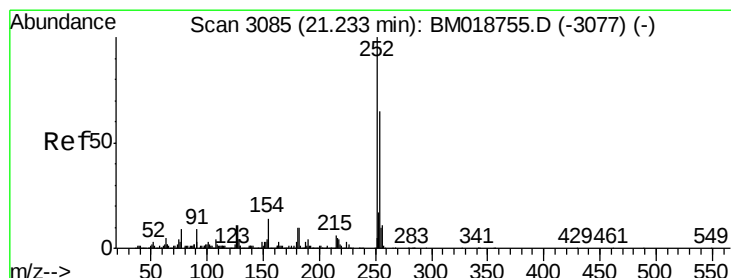
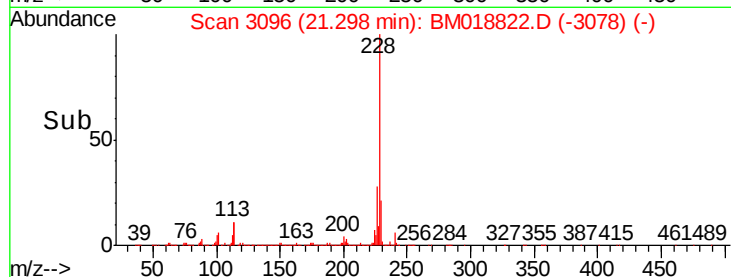
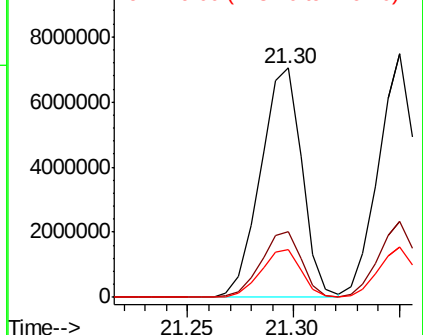
228 100

226 28.5 21.9 32.9

229 20.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
1e+07 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.409 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

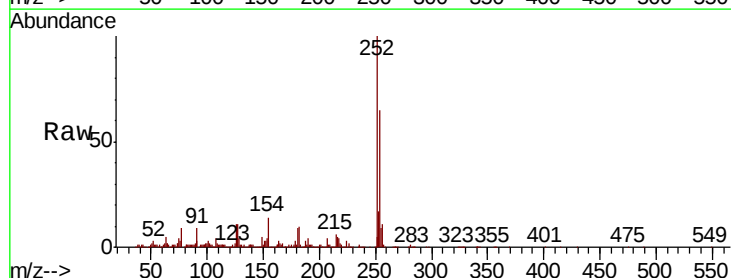
Tgt Ion:252 Resp: 2198387

Ion Ratio Lower Upper

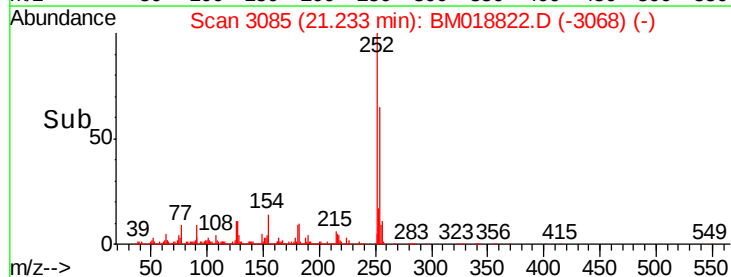
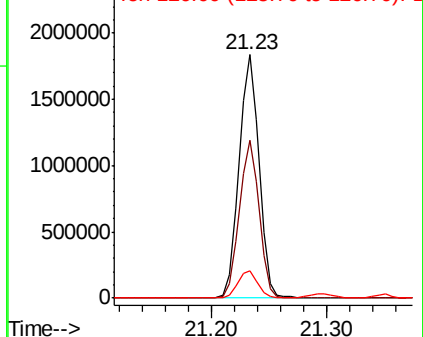
252 100

254 65.0 51.8 77.8

126 11.4 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
2500000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 75.714 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

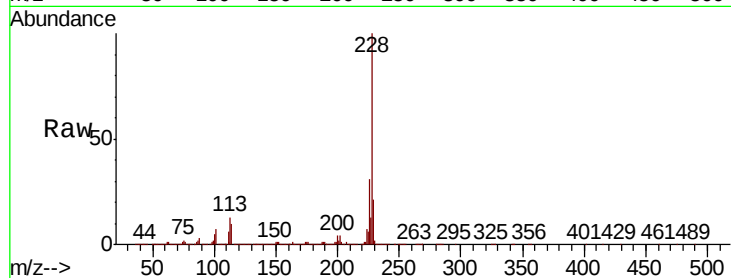
Tgt Ion:228 Resp: 8889845

Ion Ratio Lower Upper

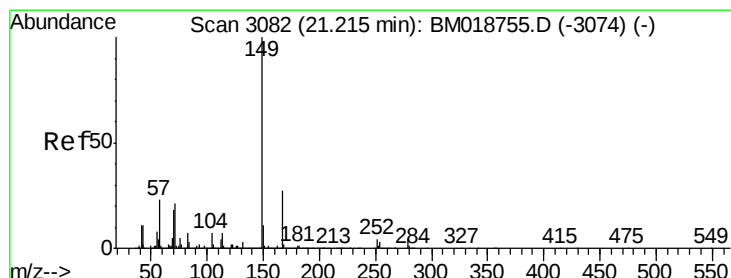
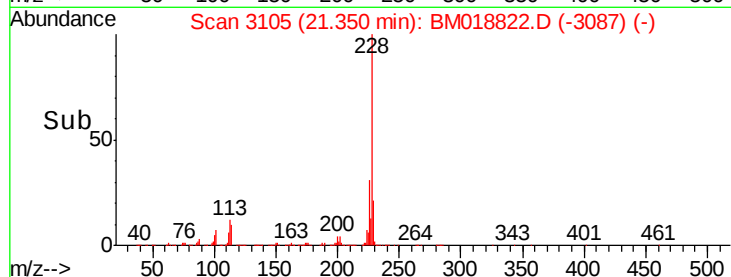
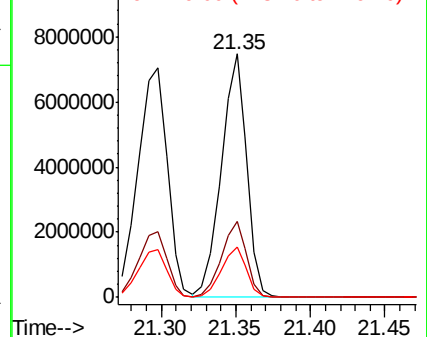
228 100

226 31.4 24.1 36.1

229 20.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
1e+07 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 83.880 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

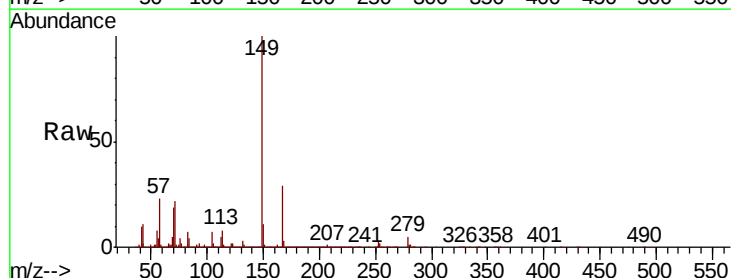
Tgt Ion:149 Resp: 6828739

Ion Ratio Lower Upper

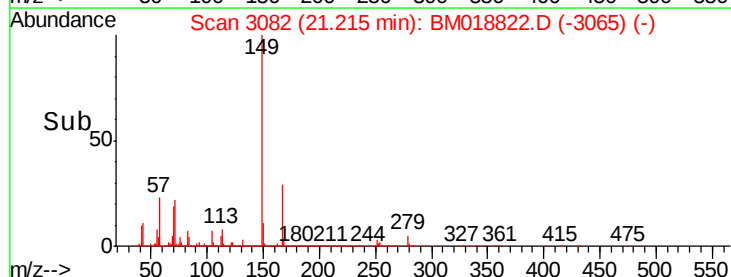
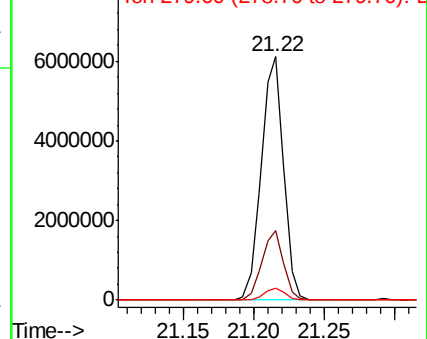
149 100

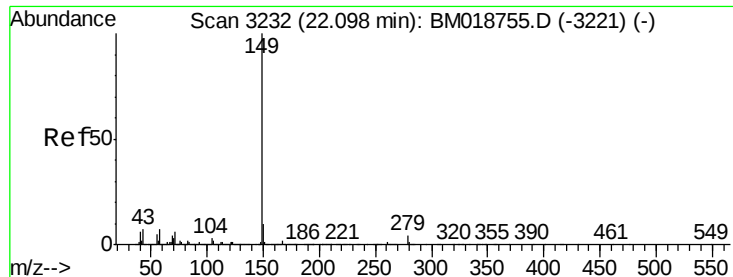
167 28.7 21.8 32.6

279 5.1 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: 81.542 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleID :

CH-021419MS

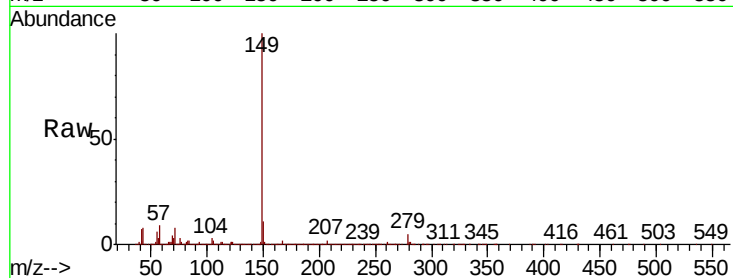
Tgt Ion:149 Resp:11157256

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

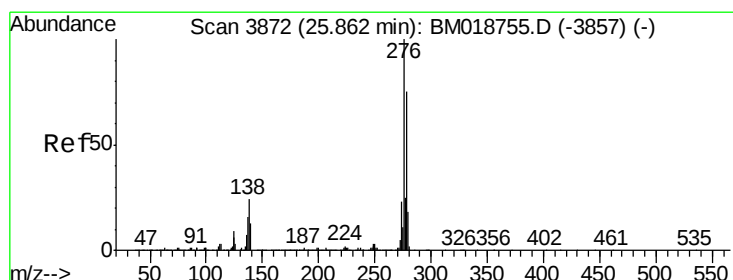
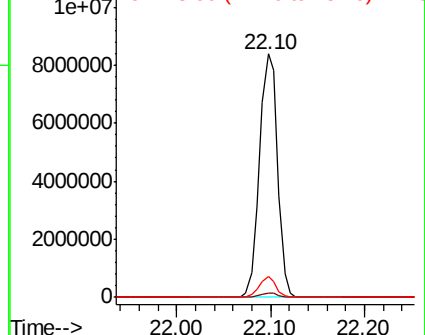
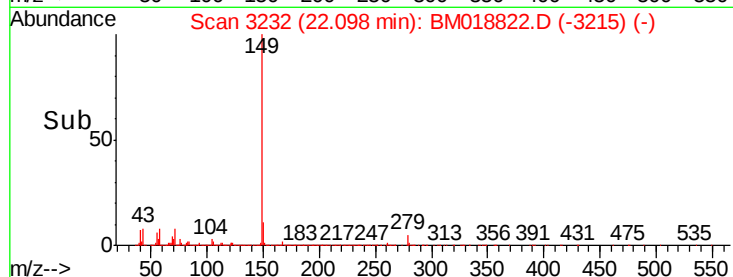
43 7.8 6.0 9.0



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: 64.581 ng

RT: 25.87 min Scan# 3874

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

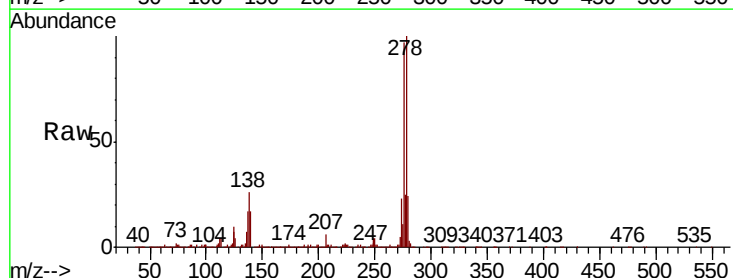
Tgt Ion:276 Resp: 8754444

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

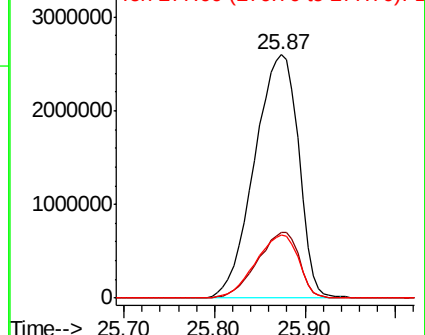
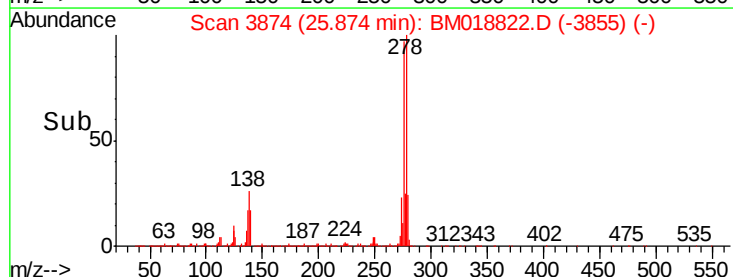
277 25.4 20.3 30.5

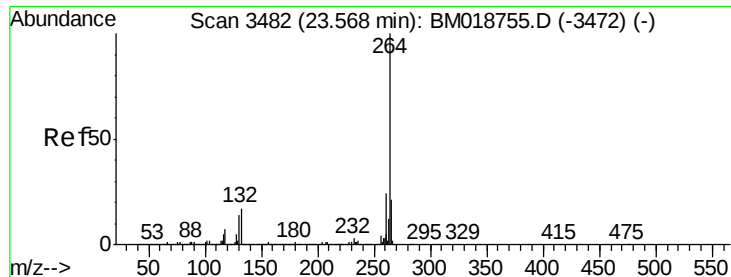


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

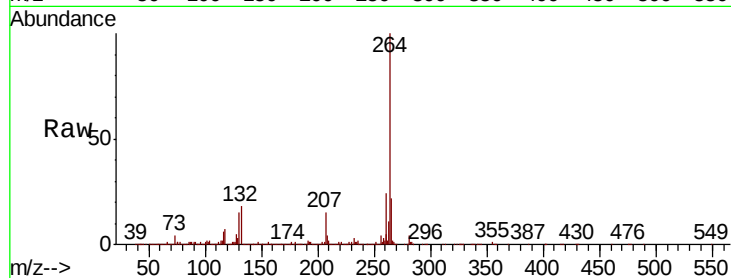
Tgt Ion:264 Resp: 1857927

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

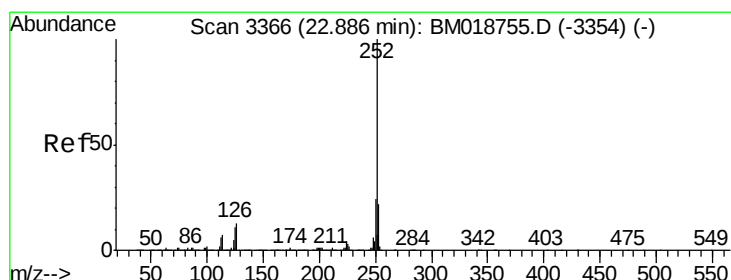
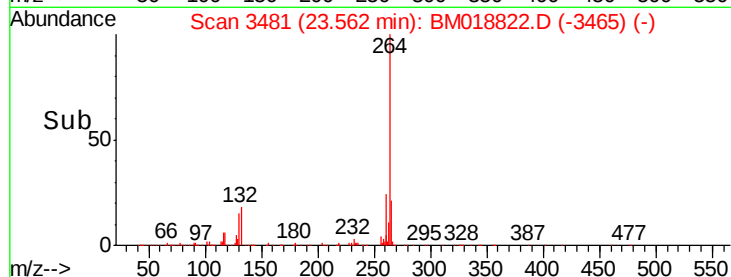
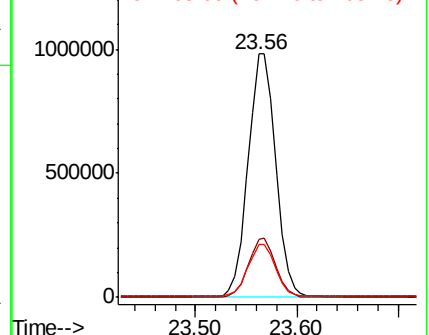
265 21.7 17.3 25.9



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: 83.056 ng

RT: 22.89 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

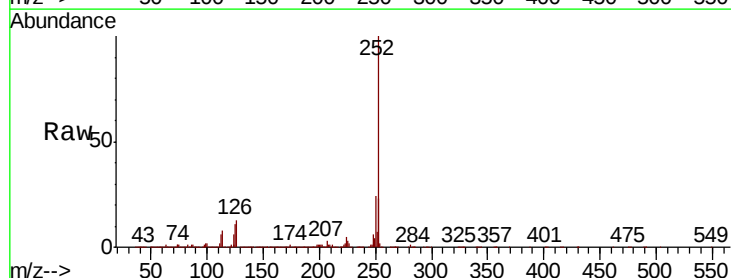
Tgt Ion:252 Resp: 8828788

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

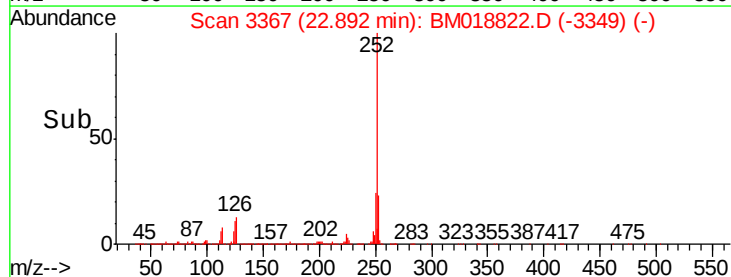
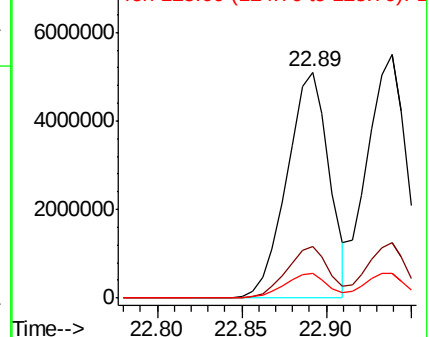
125 10.8 8.6 12.8

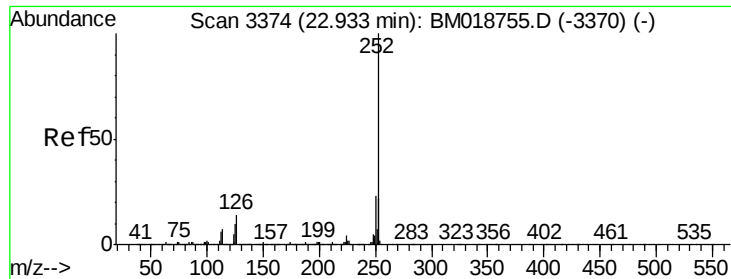


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

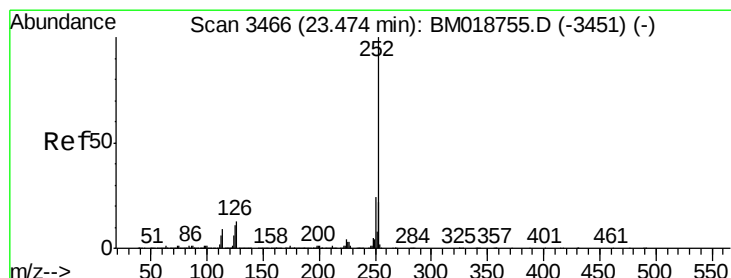
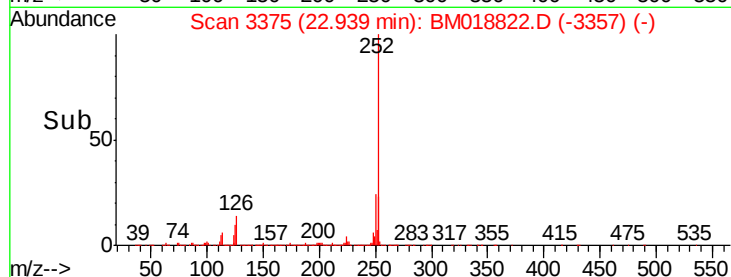
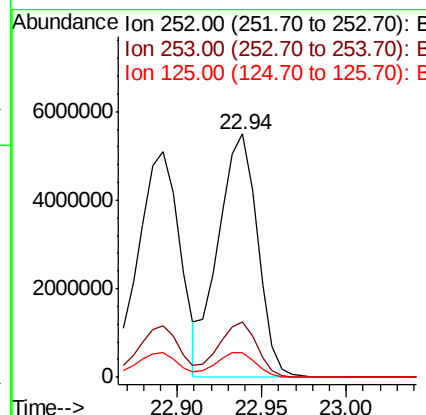
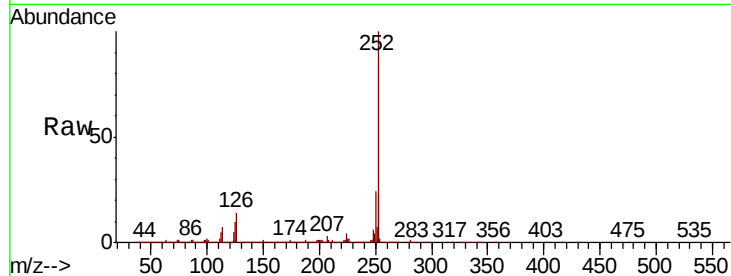




#89
Benzo(k)fluoranthene
Concen: 84.007 ng
RT: 22.94 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

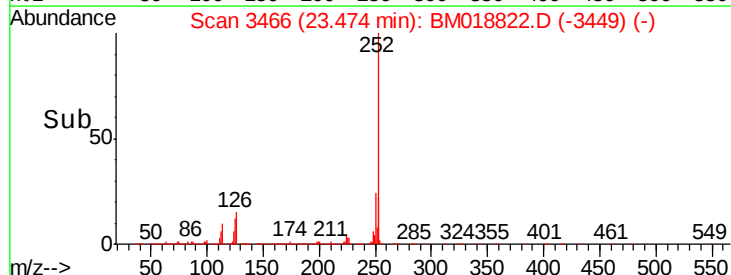
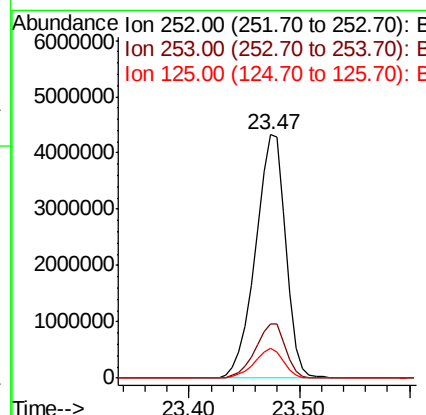
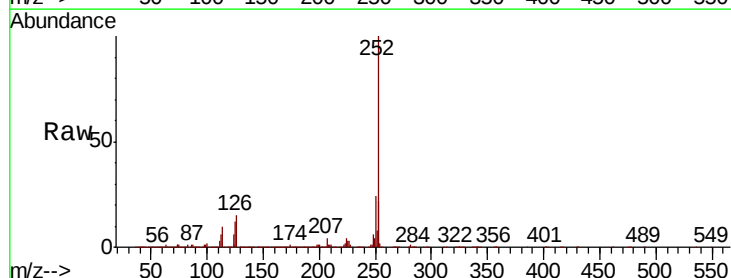
Instrument :
BNA_M
ClientSampleId :
CH-021419MS

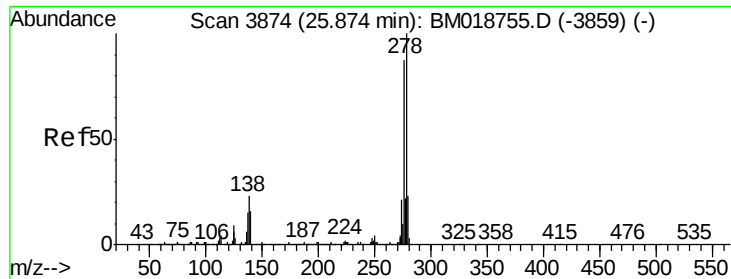
Tgt Ion:252 Resp: 8890235
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 10.1 8.2 12.4



#90
Benzo(a)pyrene
Concen: 82.400 ng
RT: 23.47 min Scan# 3466
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:252 Resp: 8297616
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 12.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 74.718 ng

RT: 25.88 min Scan# 3875

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

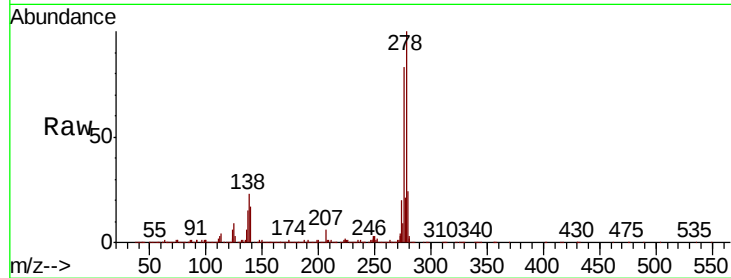
Tgt Ion:278 Resp: 7454400

Ion Ratio Lower Upper

278 100

139 16.7 12.6 18.8

279 24.2 18.6 28.0

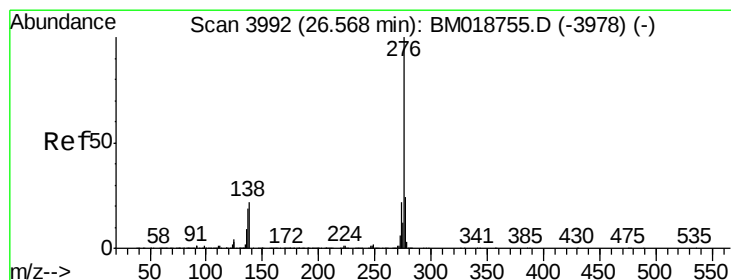
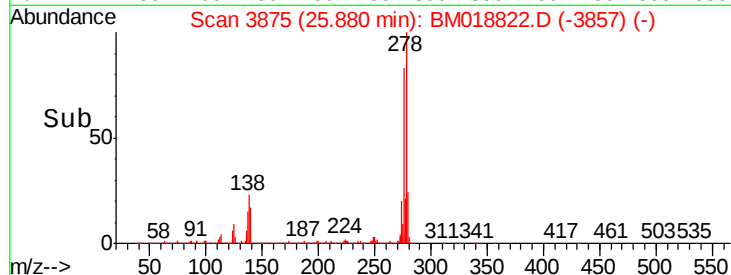
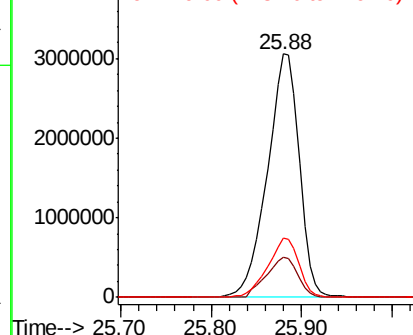


Abundance

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: 73.384 ng

RT: 26.57 min Scan# 3993

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

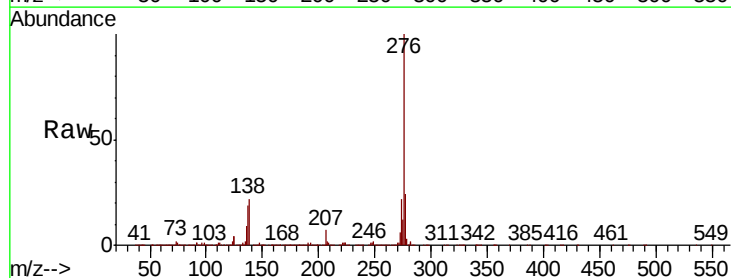
Tgt Ion:276 Resp: 6815967

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 22.1 17.3 25.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

