

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022719\
 Data File : BM018948.D
 Acq On : 27 Feb 2019 14:19
 Operator : JU/SJ
 Sample : PB117349BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

Quant Time: Feb 28 03:12:30 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	7.69	152	324793	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1455680	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	847624	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1941456	20.00	ng	-0.02
76) Chrysene-d12	21.30	240	2165120	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1754220	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2686074	135.50	ng	-0.02
7) Phenol-d6	6.87	99	4316794	154.58	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2269162	72.08	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1988484	162.75	ng	-0.01
45) 2-Fluorobiphenyl	12.96	172	4534618	71.02	ng	-0.02
79) Terphenyl-d14	19.73	244	8342119	79.48	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	287216	33.266	ng	100
3) Pyridine	3.64	79	984634	41.810	ng	100
4) n-Nitrosodimethylamine	3.56	42	293528	48.994	ng	93
6) Aniline	7.04	93	1554177	45.423	ng	99
8) 2-Chlorophenol	7.26	128	970900	44.611	ng	99
9) Benzaldehyde	6.85	77	657821	44.356	ng	99
10) Phenol	6.90	94	1348762	45.903	ng	98
11) bis(2-Chloroethyl)ether	7.13	93	980529	43.746	ng	99
12) 1,3-Dichlorobenzene	7.58	146	996983	40.739	ng	98
13) 1,4-Dichlorobenzene	7.73	146	1034342	41.517	ng	99
14) 1,2-Dichlorobenzene	8.04	146	1018442	42.557	ng	99
15) Benzyl Alcohol	7.95	79	1053355	47.471	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.23	45	961187	44.307	ng	98
17) 2-Methylphenol	8.14	107	872902	46.676	ng	97
18) Hexachloroethane	8.75	117	390365	42.922	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	990554	45.812	ng	99
20) 3+4-Methylphenols	8.47	107	1215467	47.067	ng	99
22) Acetophenone	8.53	105	1630115	40.778	ng	100
24) Nitrobenzene	8.90	77	1373961	42.045	ng	100
25) Isophorone	9.43	82	2502437	49.817	ng	99
26) 2-Nitrophenol	9.61	139	593384	45.597	ng	99
27) 2,4-Dimethylphenol	9.66	122	862862	45.396	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	1404144	43.227	ng	100
29) 2,4-Dichlorophenol	10.13	162	969687	44.430	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	1042595	41.365	ng	98
31) Naphthalene	10.53	128	3185747	44.873	ng	99
32) Benzoic acid	9.85	122	735153	44.339	ng	97
33) 4-Chloroaniline	10.66	127	1389899	43.796	ng	98
34) Hexachlorobutadiene	10.79	225	566467	38.720	ng	100
35) Caprolactam	11.49	113	147242	16.531	ng	92
36) 4-Chloro-3-methylphenol	11.79	107	1151615	43.765	ng	97
37) 2-Methylnaphthalene	12.15	142	2368974	47.394	ng	99
38) 1-Methylnaphthalene	12.37	142	2246926	45.969	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1122325	41.392	ng	99

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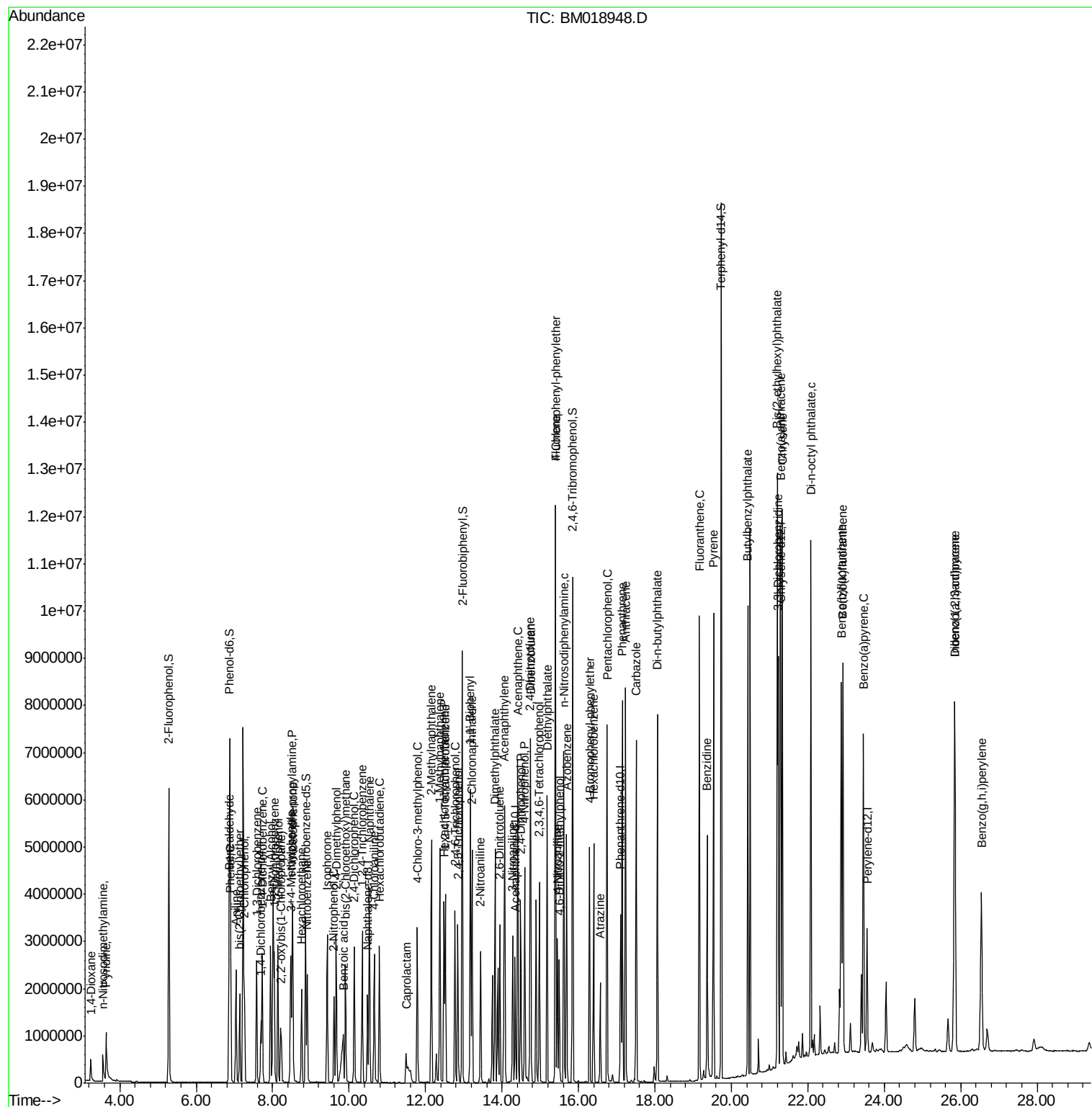
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	1055297	76.123	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	783265	43.636	ng	99
44) 2,4,5-Trichlorophenol	12.84	196	837582	44.519	ng	98
46) 1,1'-Biphenyl	13.17	154	2978122	40.818	ng	100
47) 2-Chloronaphthalene	13.22	162	2335599	41.445	ng	99
48) 2-Nitroaniline	13.44	65	865016	46.217	ng	99
49) Acenaphthylene	14.07	152	3748110	44.667	ng	100
50) Dimethylphthalate	13.82	163	2968301	42.020	ng	99
51) 2,6-Dinitrotoluene	13.95	165	673148	43.990	ng	96
52) Acenaphthene	14.41	154	2198337	42.725	ng	100
53) 3-Nitroaniline	14.28	138	727525	42.078	ng	99
54) 2,4-Dinitrophenol	14.49	184	830605	85.144	ng	94
55) Dibenzofuran	14.75	168	3580043	42.332	ng	98
56) 4-Nitrophenol	14.60	139	1229768	89.099	ng	97
57) 2,4-Dinitrotoluene	14.73	165	977427	46.359	ng	97
58) Fluorene	15.40	166	2989127	46.200	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	744054	44.742	ng	100
60) Diethylphthalate	15.18	149	3087163	42.366	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1465559	40.400	ng	99
62) 4-Nitroaniline	15.45	138	732779	43.231	ng	98
63) Azobenzene	15.69	77	3353620	42.923	ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	527490	38.697	ng	98
66) n-Nitrosodiphenylamine	15.62	169	2572559	41.940	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	882859	40.626	ng	99
68) Hexachlorobenzene	16.40	284	1045263	41.381	ng	96
69) Atrazine	16.57	200	352308	17.816	ng	99
70) Pentachlorophenol	16.75	266	1290630	79.355	ng	100
71) Phenanthrene	17.14	178	4672952	44.787	ng	100
72) Anthracene	17.23	178	4752563	46.798	ng	99
73) Carbazole	17.51	167	4379130	41.274	ng	99
74) Di-n-butylphthalate	18.06	149	5479215	44.903	ng	100
75) Fluoranthene	19.17	202	5519366	45.795	ng	99
77) Benzidine	19.37	184	3288785	67.446	ng	100
78) Pyrene	19.53	202	5679062	45.162	ng	100
80) Butylbenzylphthalate	20.43	149	2760107	48.162	ng	97
81) Benzo(a)anthracene	21.28	228	5702455	45.183	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	2267630	45.462	ng	100
83) Chrysene	21.34	228	5296388	43.783	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	4052473	48.314	ng	100
85) Di-n-octyl phthalate	22.08	149	6894381	48.906	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	5166534	36.992	ng	100
88) Benzo(b)fluoranthene	22.87	252	5340007	53.206	ng	100
89) Benzo(k)fluoranthene	22.92	252	4955559	49.595	ng	100
90) Benzo(a)pyrene	23.46	252	4813872	50.630	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	4470751	47.461	ng	99
92) Benzo(g,h,i)perylene	26.54	276	4114106	46.913	ng	99

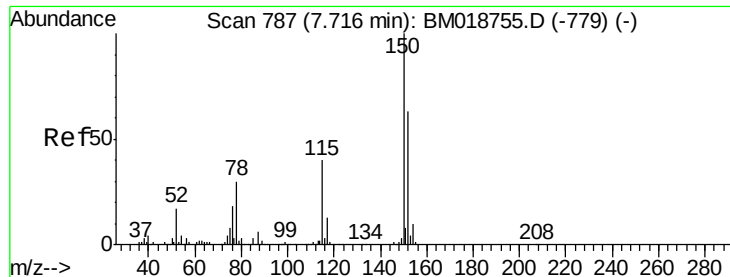
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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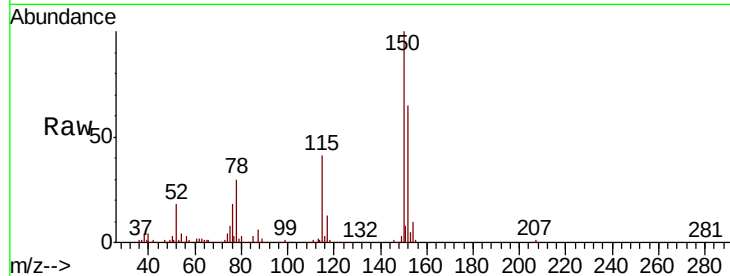


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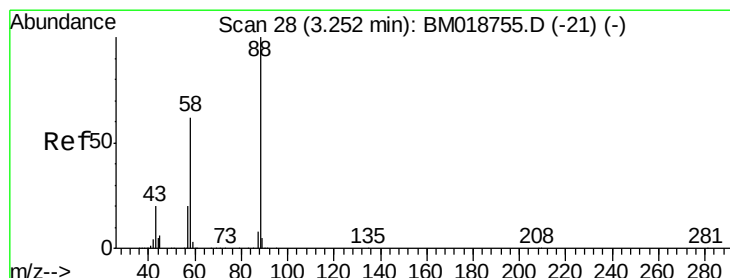
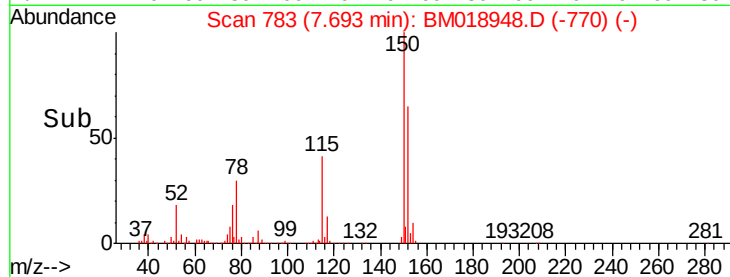
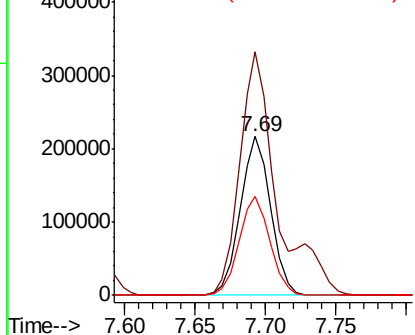
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

Tgt Ion:152 Resp: 324793
 Ion Ratio Lower Upper
 152 100
 150 153.4 127.3 190.9
 115 62.3 50.8 76.2



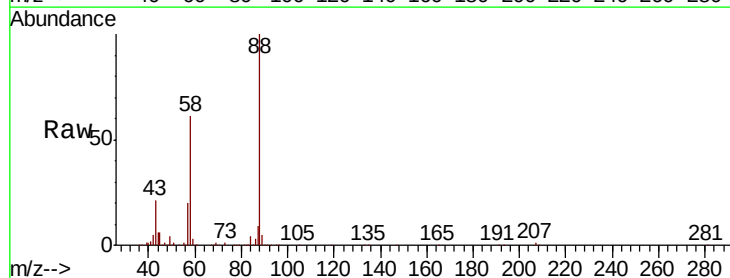
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



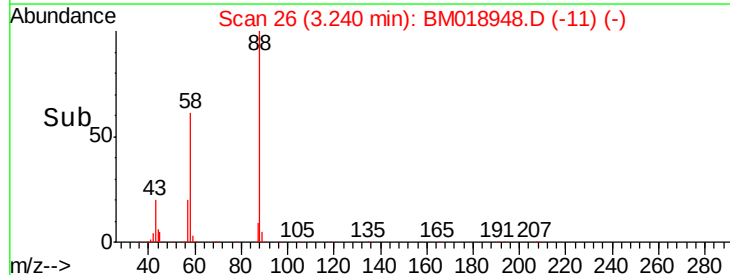
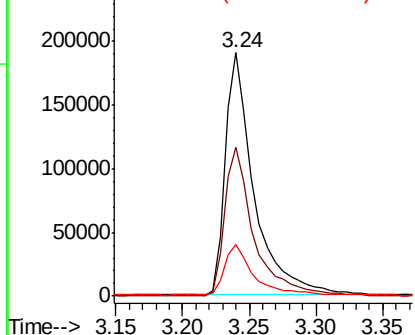
#2

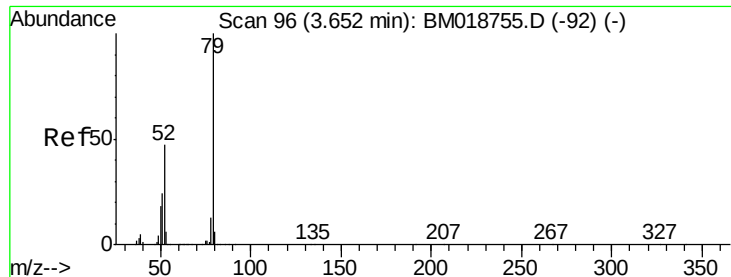
1,4-Dioxane
 Concen: 33.266 ng
 RT: 3.24 min Scan# 26
 Delta R.T. -0.01 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Tgt Ion: 88 Resp: 287216
 Ion Ratio Lower Upper
 88 100
 58 62.2 49.8 74.6
 43 20.9 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BM0
 Ion 58.00 (57.70 to 58.70): BM0
 Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 41.810 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampled :

PB117349BS

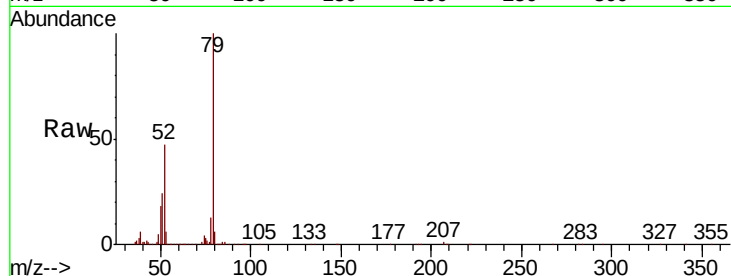
Tgt Ion: 79 Resp: 984634

Ion Ratio Lower Upper

79 100

52 47.3 37.6 56.4

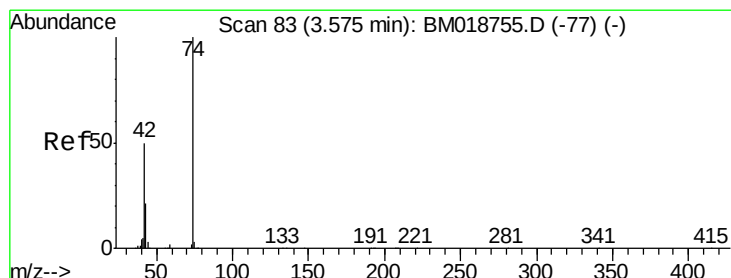
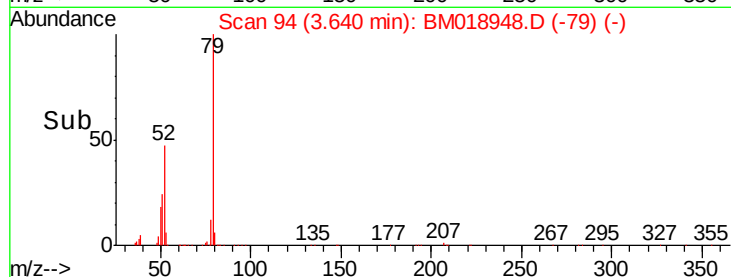
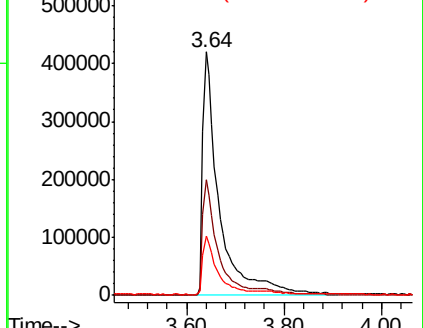
51 24.4 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 48.994 ng

RT: 3.56 min Scan# 80

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

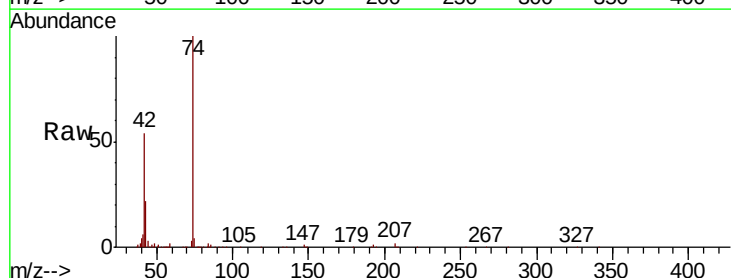
Tgt Ion: 42 Resp: 293528

Ion Ratio Lower Upper

42 100

74 186.2 158.1 237.1

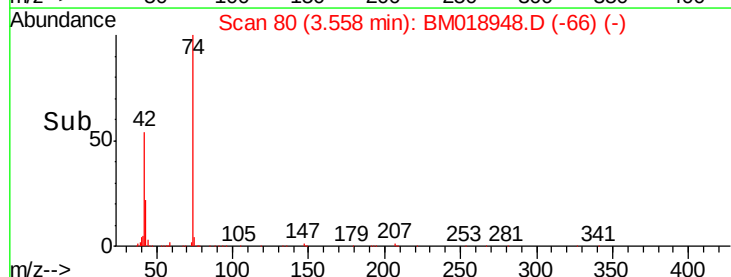
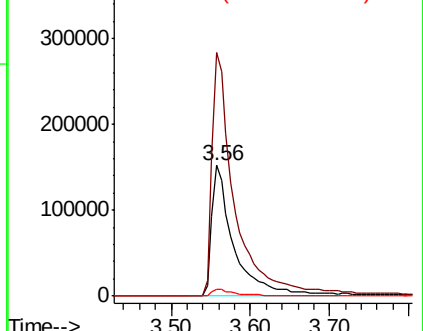
44 5.7 4.9 7.3

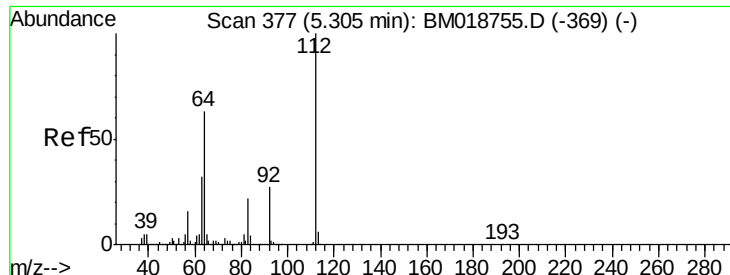


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 135.504 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.02 min

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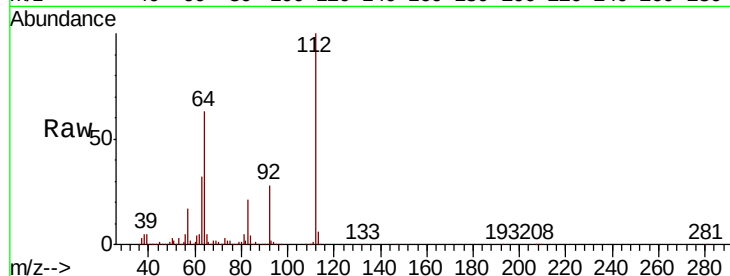
Tgt Ion: 112 Resp: 2686074

Ion Ratio Lower Upper

112 100

64 63.2 50.6 75.8

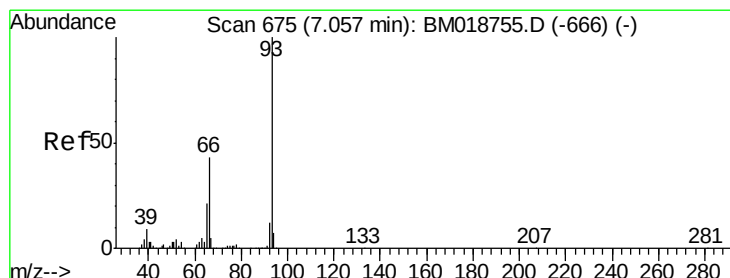
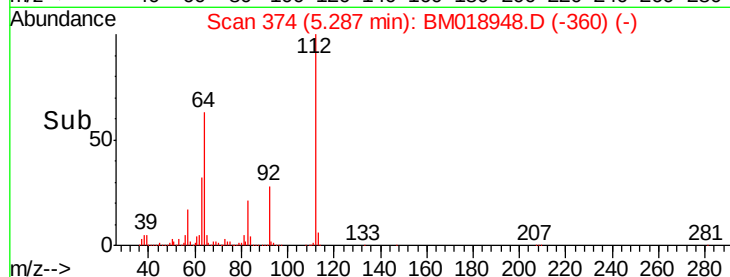
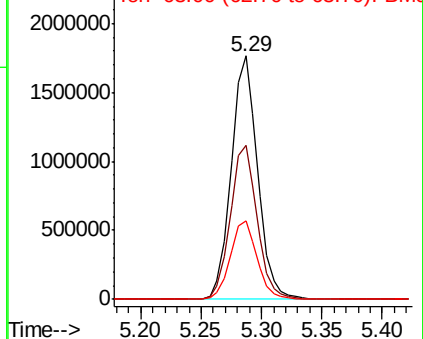
63 32.1 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 45.423 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

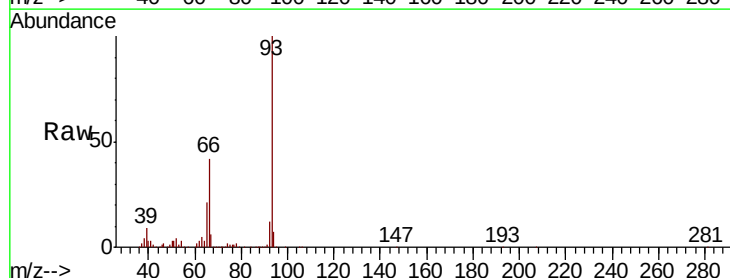
Tgt Ion: 93 Resp: 1554177

Ion Ratio Lower Upper

93 100

66 42.1 34.1 51.1

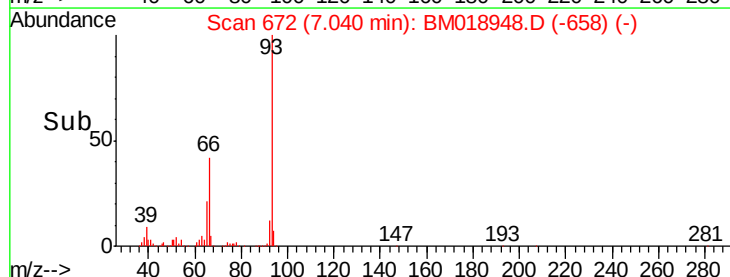
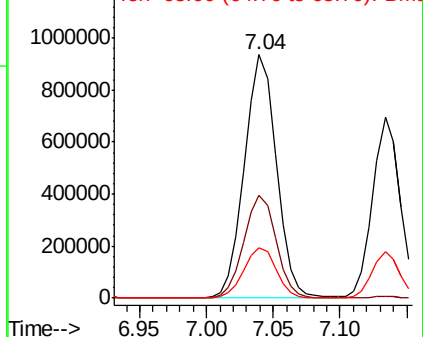
65 20.9 16.6 24.8

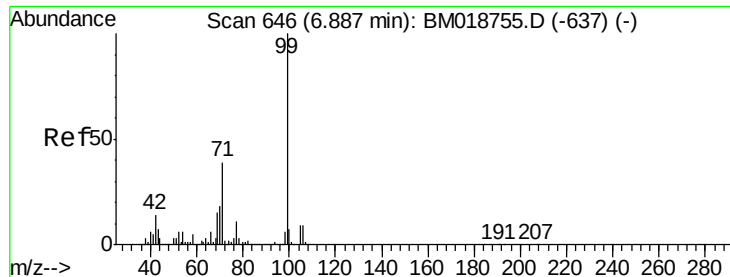


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 154.582 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

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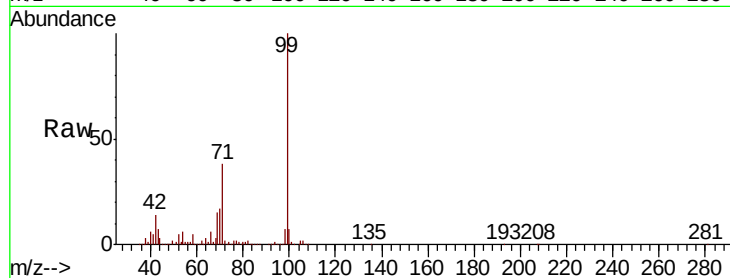
Tgt Ion: 99 Resp: 4316794

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

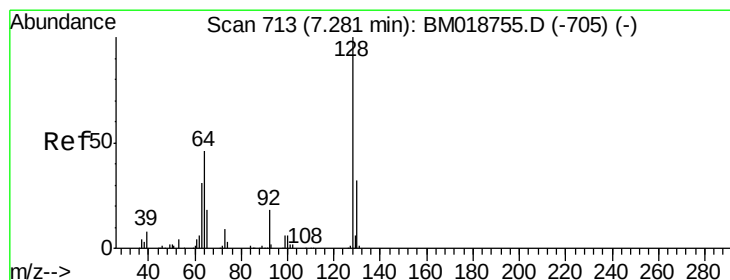
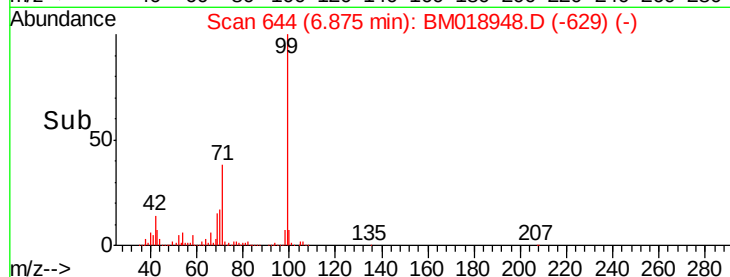
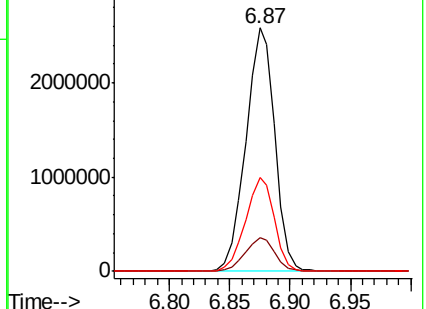
71 38.5 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 44.611 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

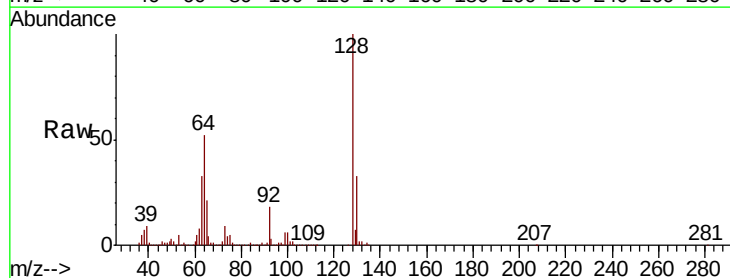
Tgt Ion: 128 Resp: 970900

Ion Ratio Lower Upper

128 100

130 32.5 11.7 51.7

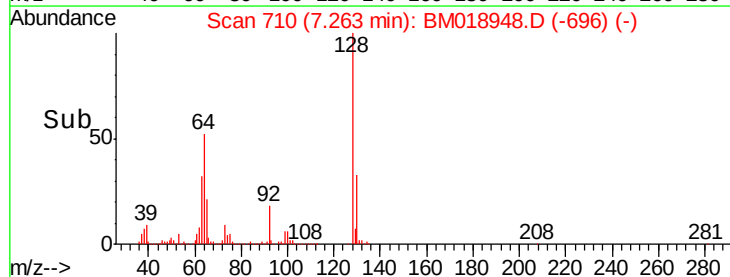
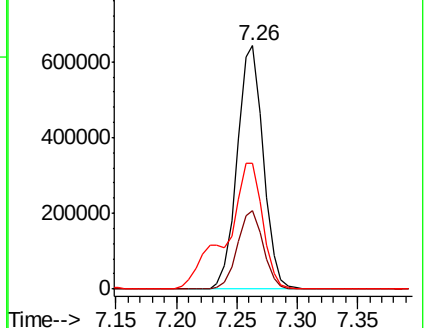
64 51.6 31.0 71.0

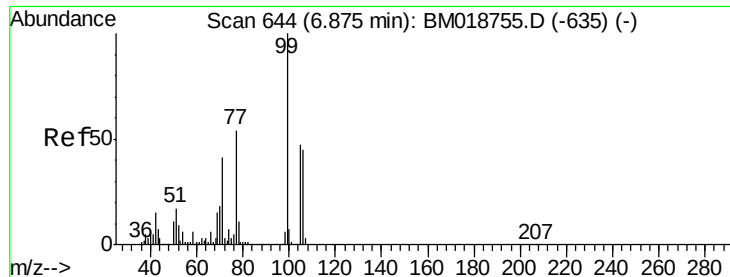


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 44.356 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.02 min

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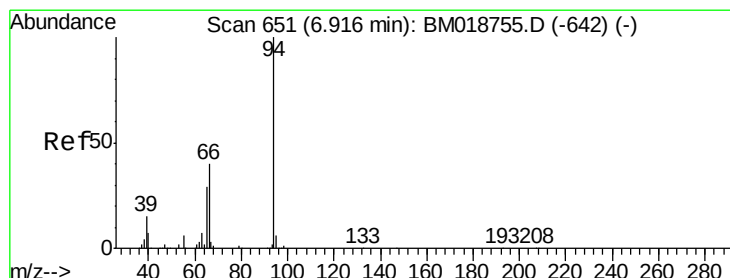
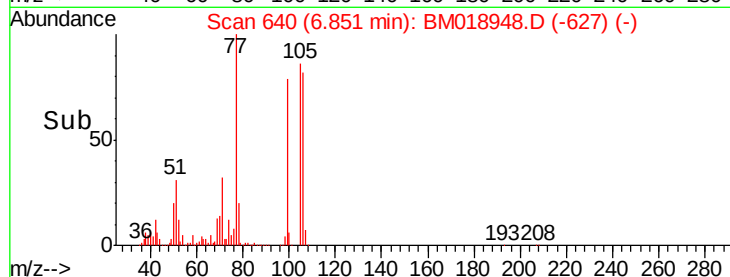
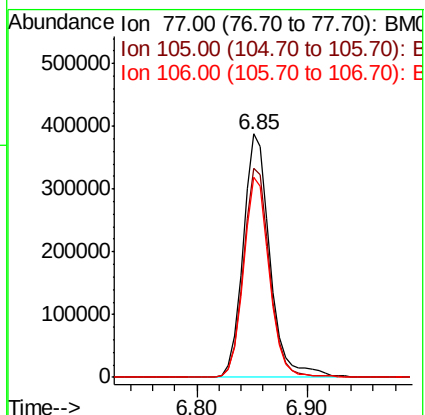
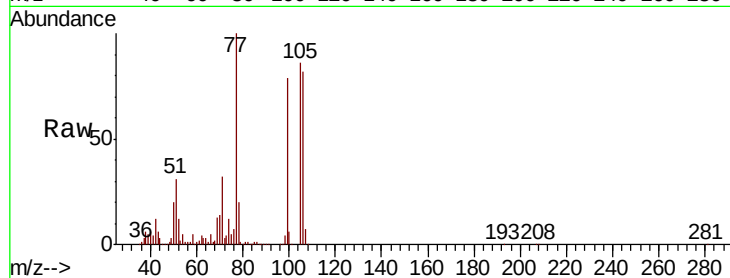
Tgt Ion: 77 Resp: 657821

Ion Ratio Lower Upper

77 100

105 85.6 67.3 107.3

106 81.9 62.9 102.9



#10

Phenol

Concen: 45.903 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

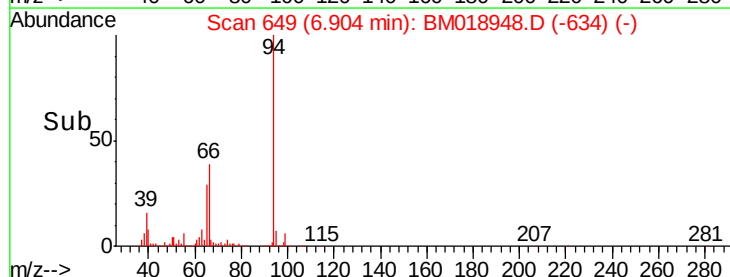
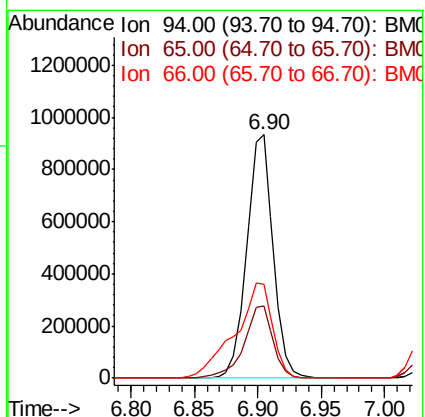
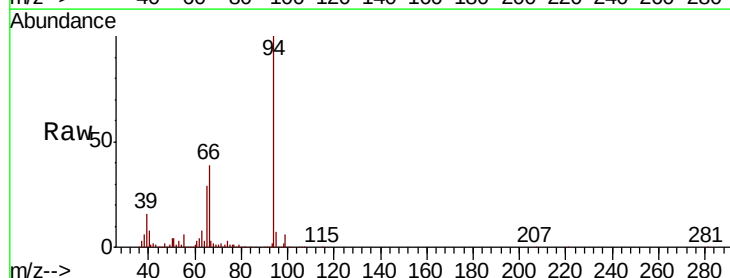
Tgt Ion: 94 Resp: 1348762

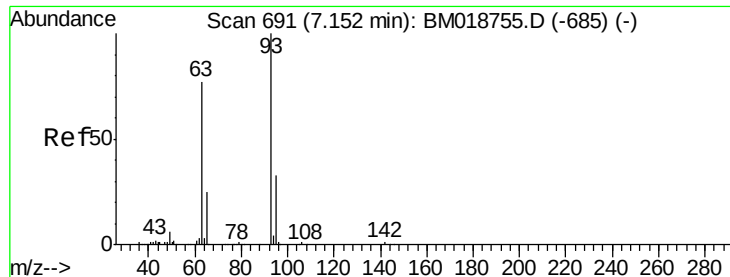
Ion Ratio Lower Upper

94 100

65 29.5 9.6 49.6

66 38.8 20.4 60.4

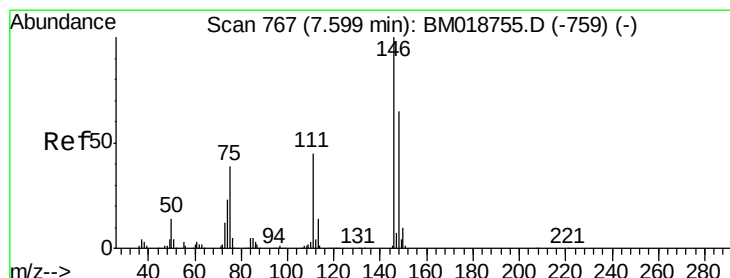
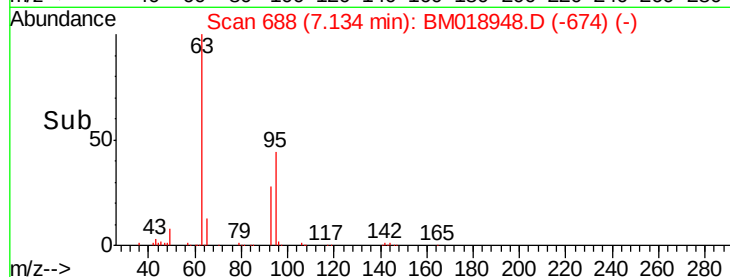
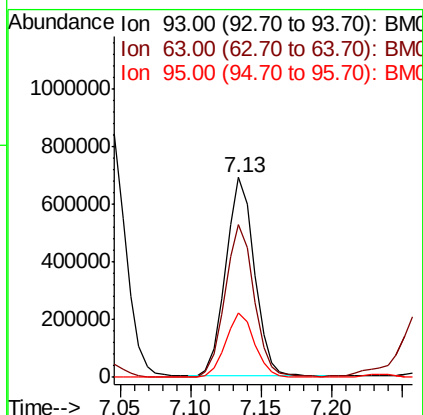
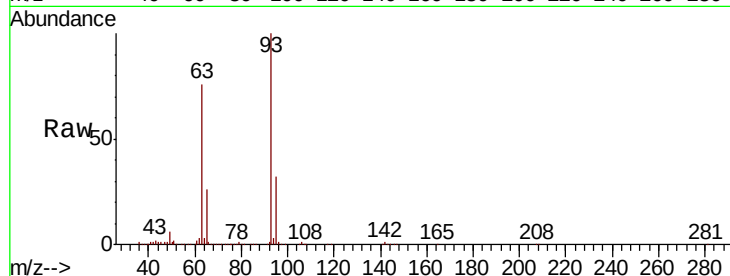




#11
bis(2-Chloroethyl)ether
Concen: 43.746 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

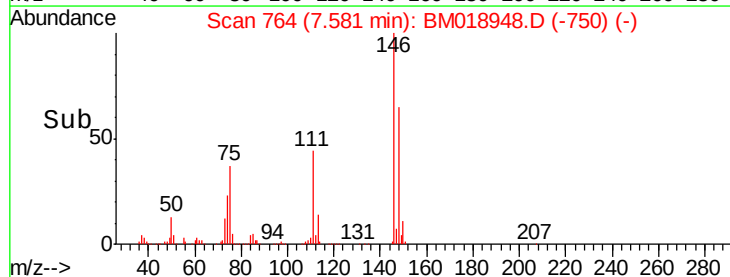
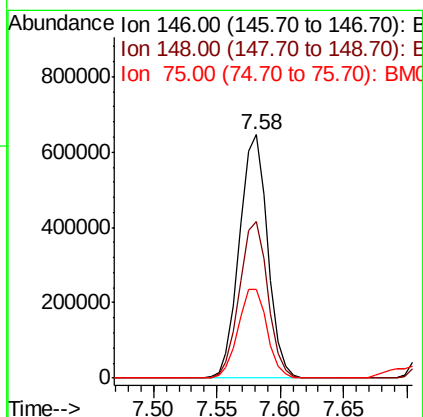
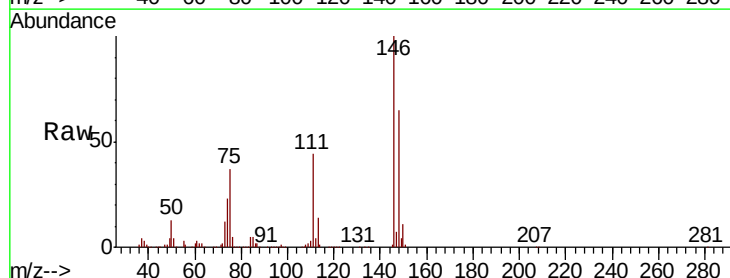
Instrument :
BNA_M
ClientSampleId :
PB117349BS

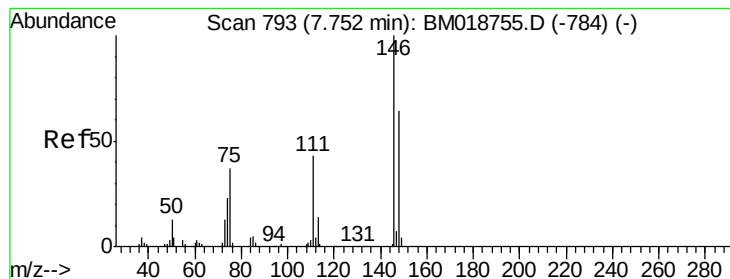
Tgt Ion: 93 Resp: 980529
Ion Ratio Lower Upper
93 100
63 76.1 57.0 97.0
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.739 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion: 146 Resp: 996983
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 36.6 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 41.517 ng

RT: 7.73 min Scan# 789

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

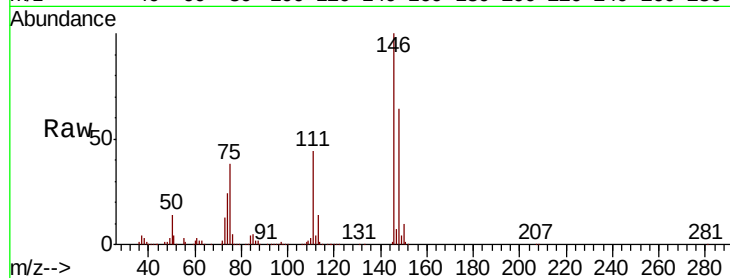
Tgt Ion:146 Resp: 1034342

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

111 43.6 34.6 52.0

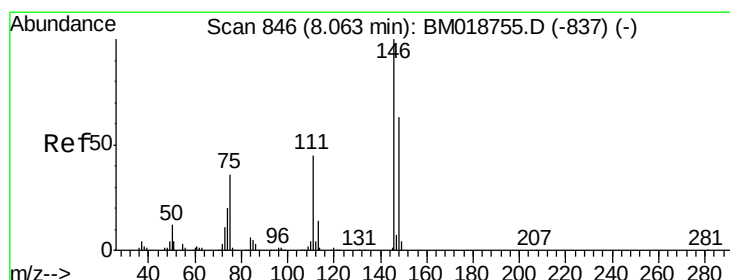
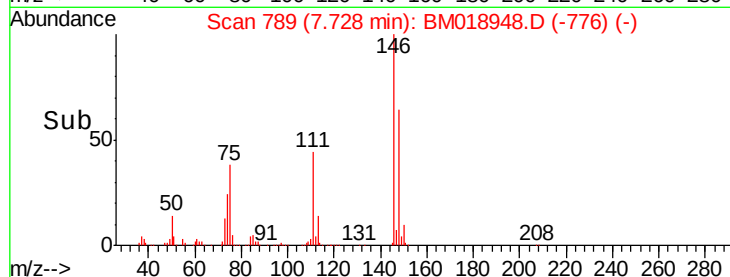
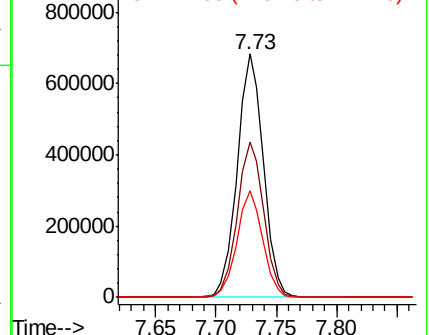


Abundance

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: 42.557 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

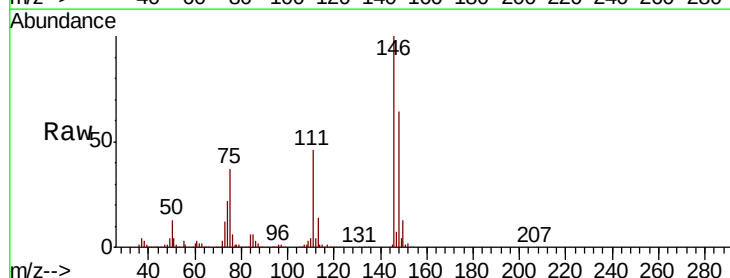
Tgt Ion:146 Resp: 1018442

Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 45.5 35.9 53.9

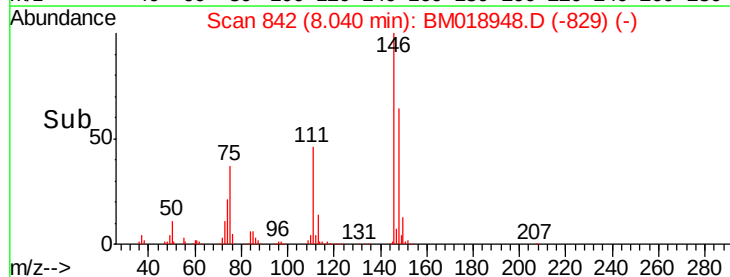
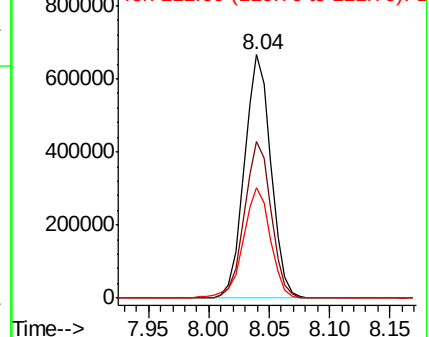


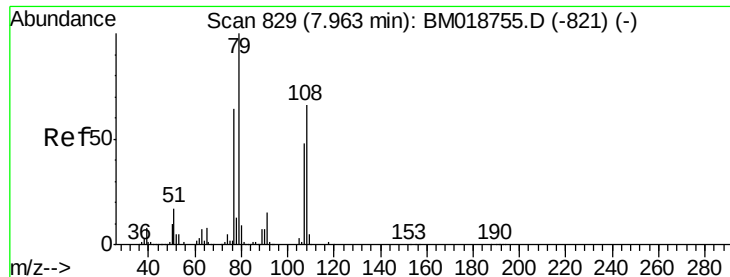
Abundance

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: 47.471 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

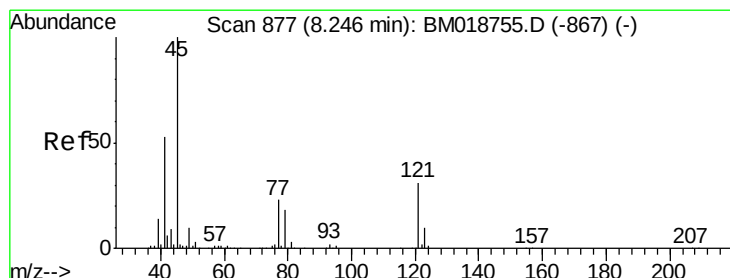
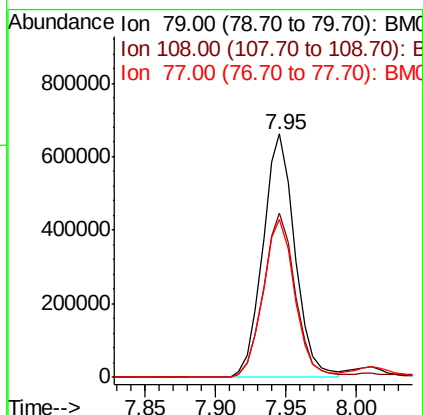
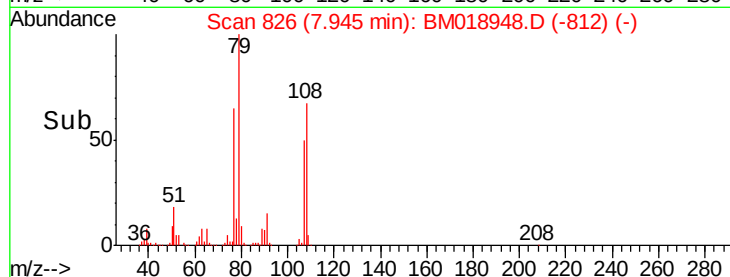
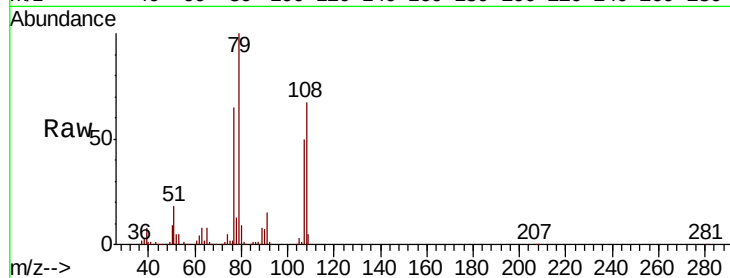
Tgt Ion: 79 Resp: 1053355

Ion Ratio Lower Upper

79 100

108 67.2 52.7 79.1

77 64.8 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.307 ng

RT: 8.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

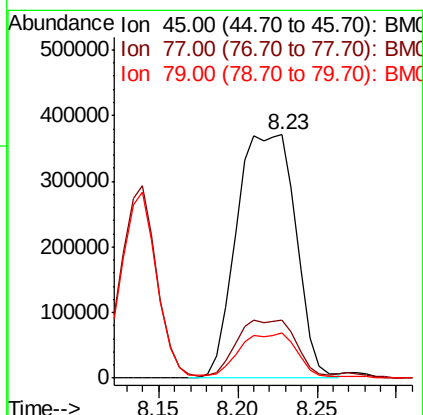
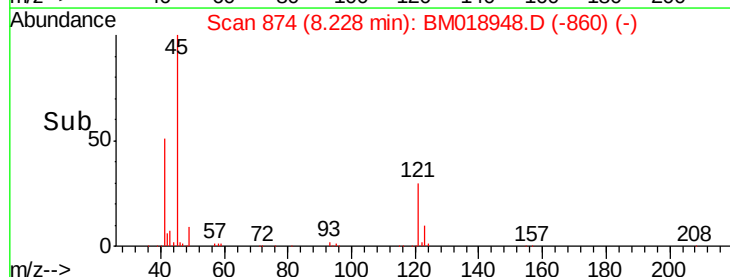
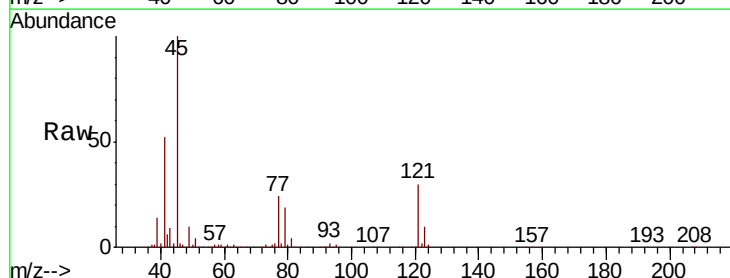
Tgt Ion: 45 Resp: 961187

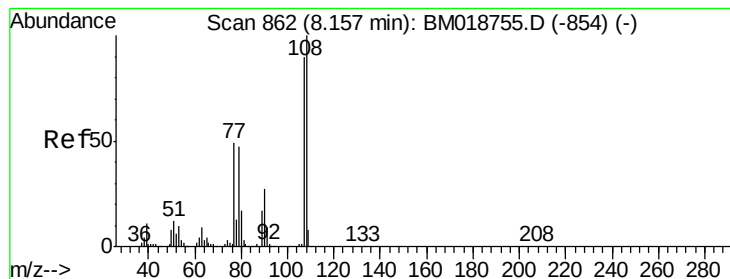
Ion Ratio Lower Upper

45 100

77 23.7 5.0 45.0

79 18.8 0.0 39.3





#17

2-Methylphenol

Concen: 46.676 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

Tgt Ion:107 Resp: 872902

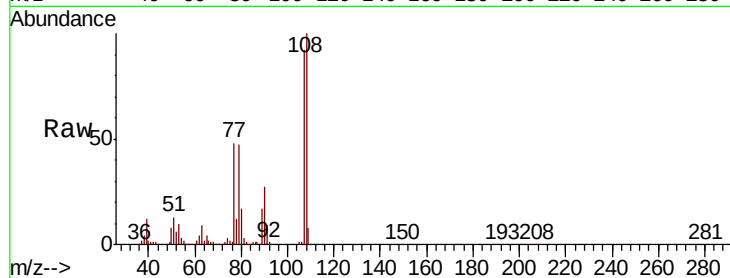
Ion Ratio Lower Upper

107 100

108 108.4 88.8 133.2

77 52.4 44.0 66.0

79 50.7 42.4 63.6

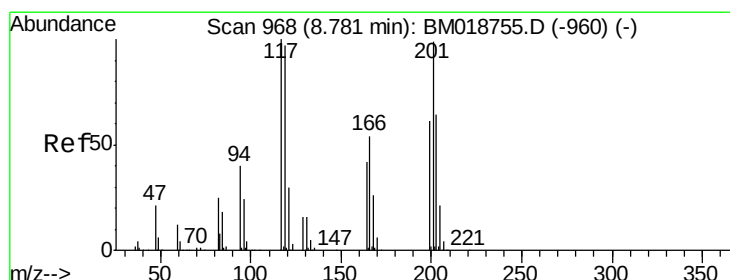
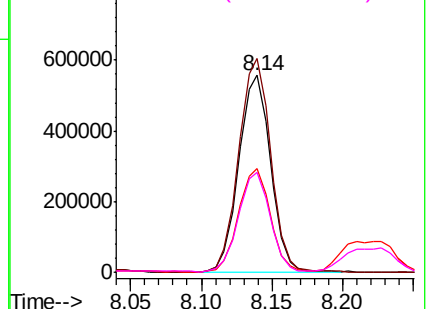
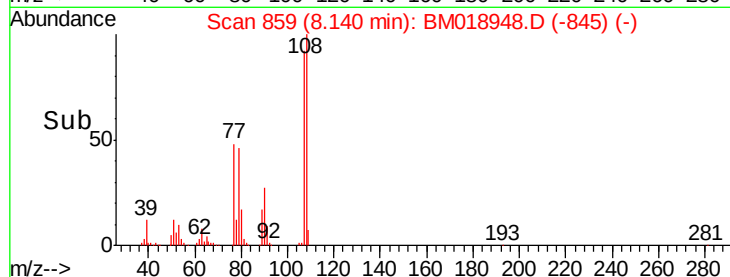


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 42.922 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.03 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

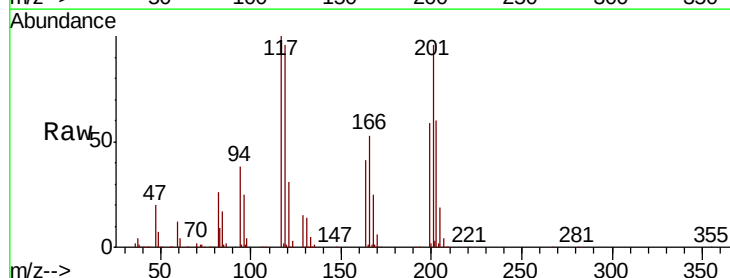
Tgt Ion:117 Resp: 390365

Ion Ratio Lower Upper

117 100

119 96.3 77.9 116.9

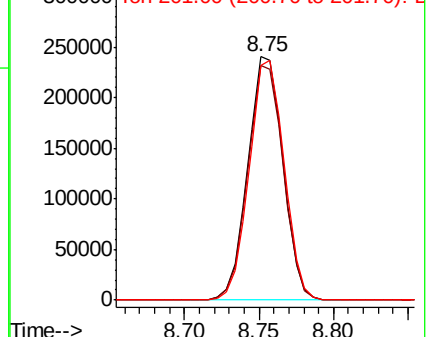
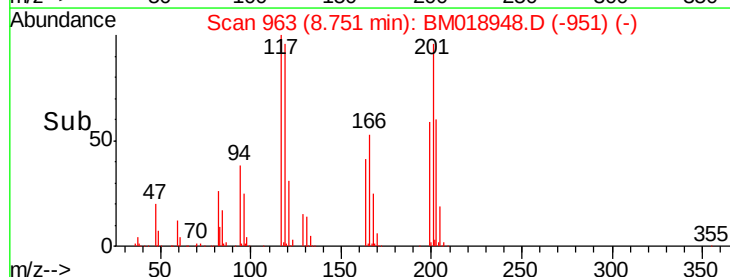
201 96.3 79.2 118.8

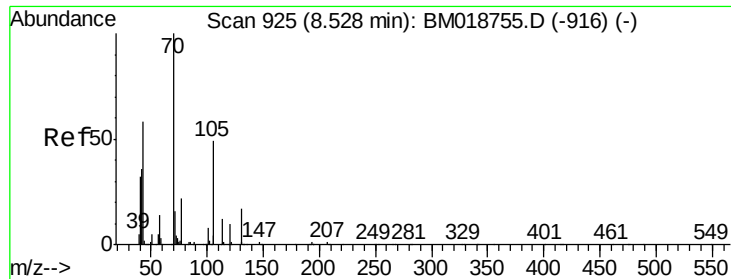


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

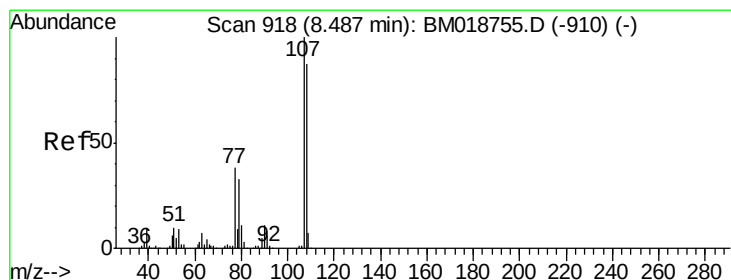
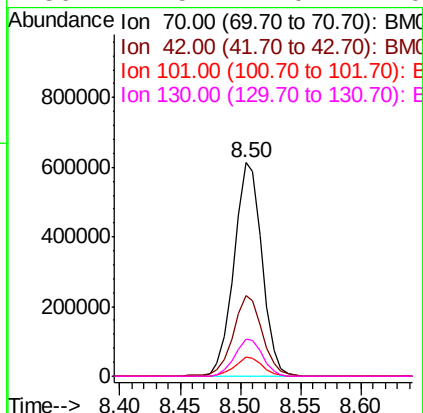
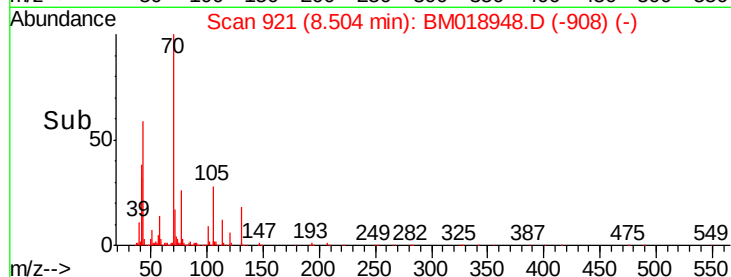
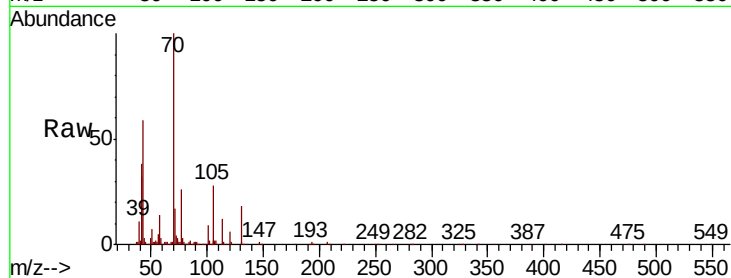




#19
n-Nitroso-di-n-propylamine
Concen: 45.812 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

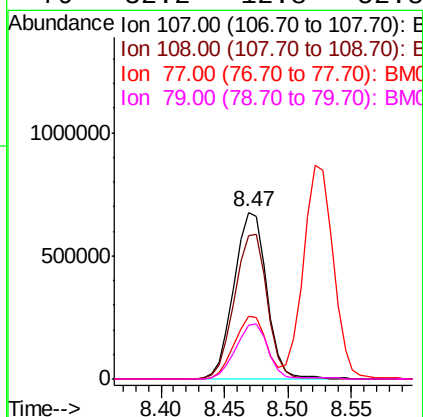
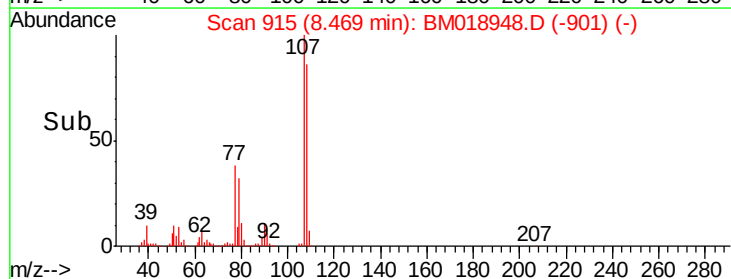
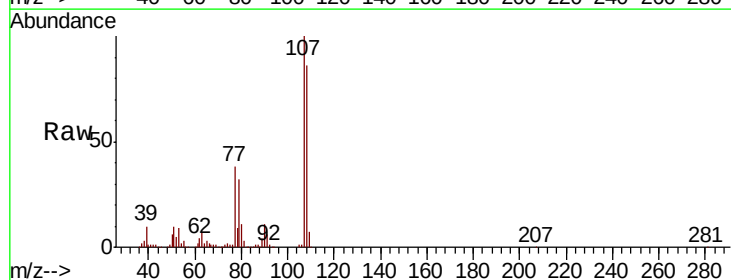
Instrument :
BNA_M
ClientSampleId :
PB117349BS

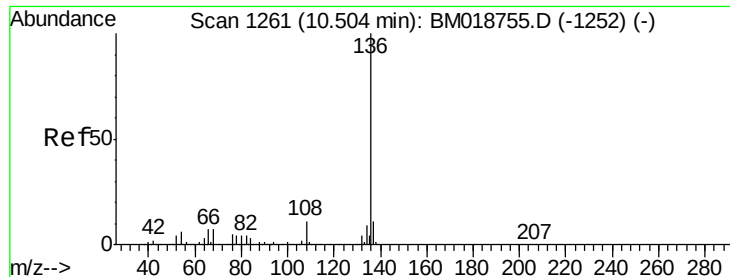
Tgt Ion:	70	Resp:	990554
Ion	Ratio	Lower	Upper
70	100		
42	38.0	29.4	44.0
101	8.7	6.7	10.1
130	17.5	14.0	21.0



#20
3+4-Methylphenols
Concen: 47.067 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion:	107	Resp:	1215467
Ion	Ratio	Lower	Upper
107	100		
108	86.1	67.3	107.3
77	37.9	18.0	58.0
79	32.2	12.8	52.8

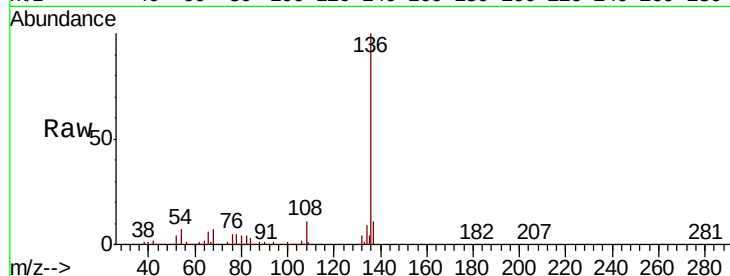




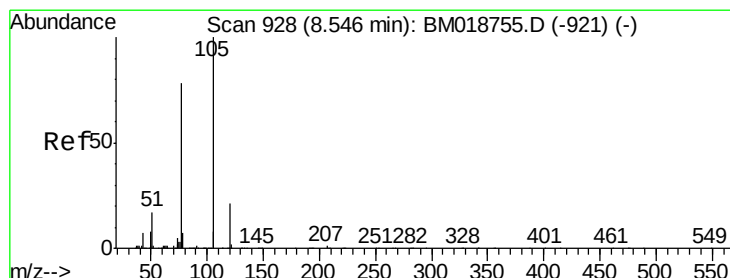
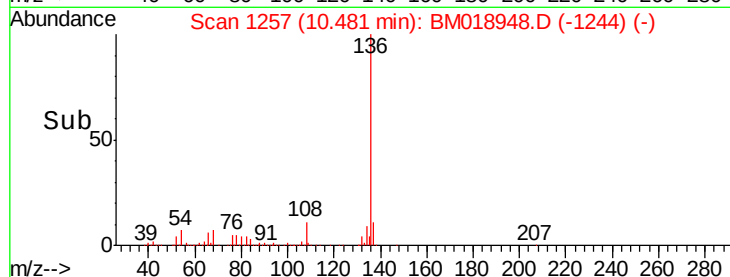
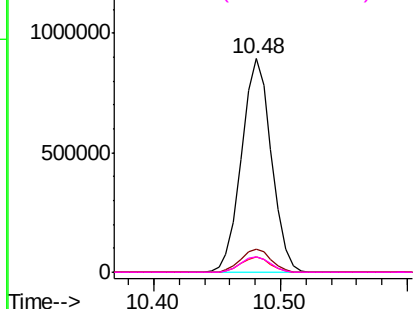
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tgt Ion:136 Resp: 1455680
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 5.0 7.6
68 7.3 5.5 8.3

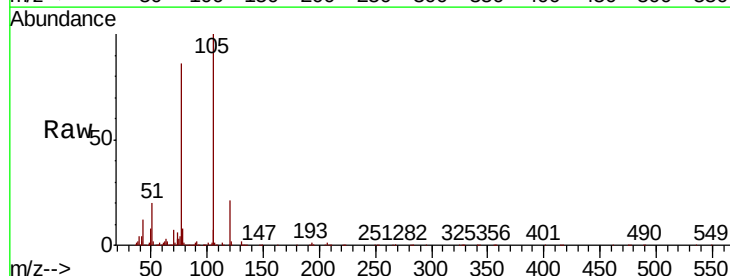


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

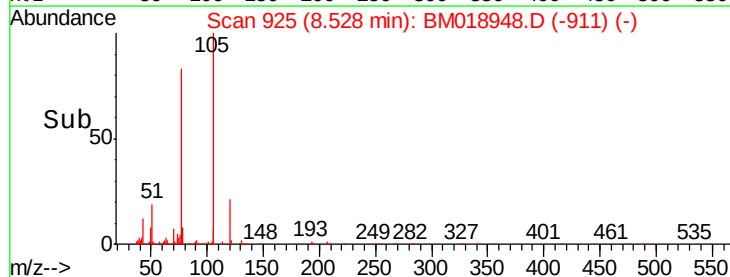
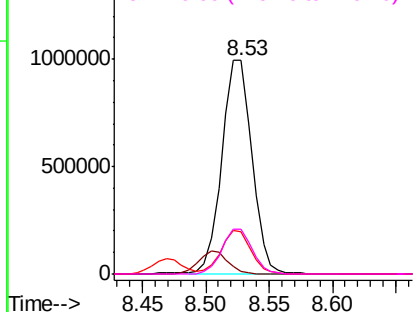


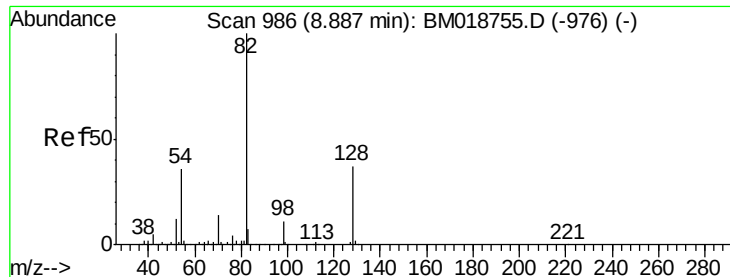
#22
Acetophenone
Concen: 40.778 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion:105 Resp: 1630115
Ion Ratio Lower Upper
105 100
71 1.3 1.1 1.7
51 19.5 15.5 23.3
120 21.2 17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

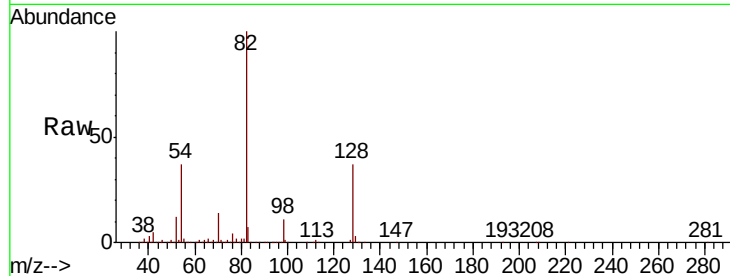




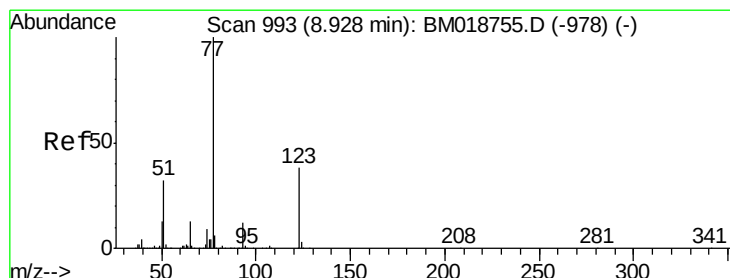
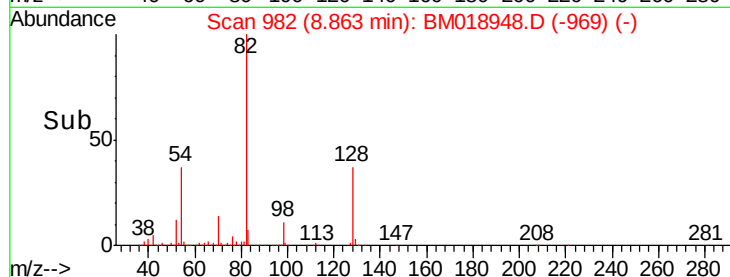
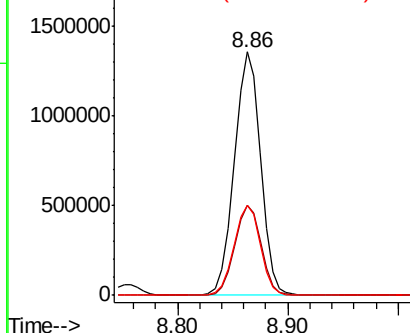
#23
 Nitrobenzene-d5
 Concen: 72.078 ng
 RT: 8.86 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

Tgt Ion: 82 Resp: 2269162
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.9 44.9
 54 37.1 29.1 43.7

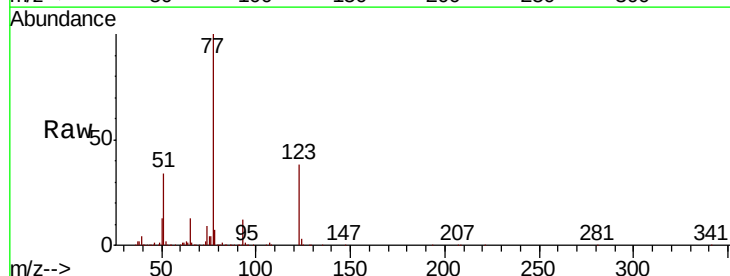


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

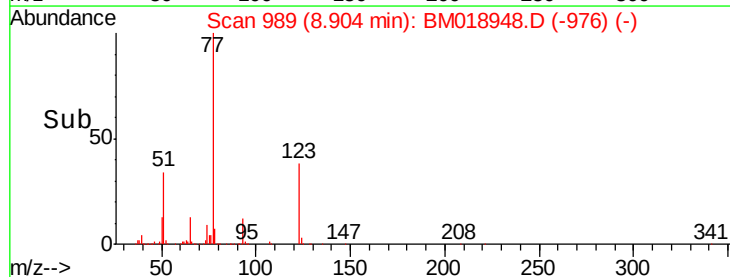
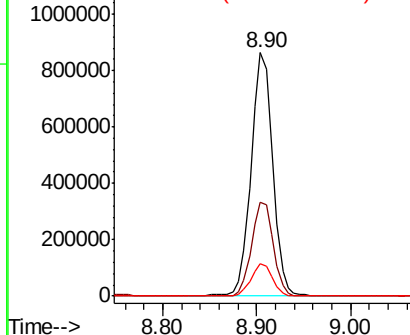


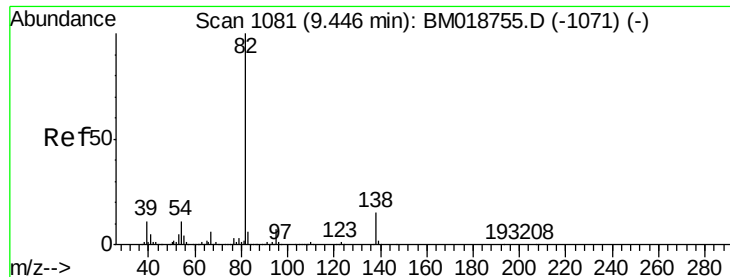
#24
 Nitrobenzene
 Concen: 42.045 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Tgt Ion: 77 Resp: 1373961
 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): BM018755.D (-978) (-)
 Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)
 Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)

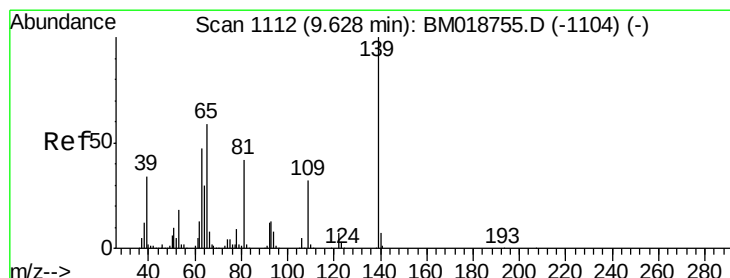
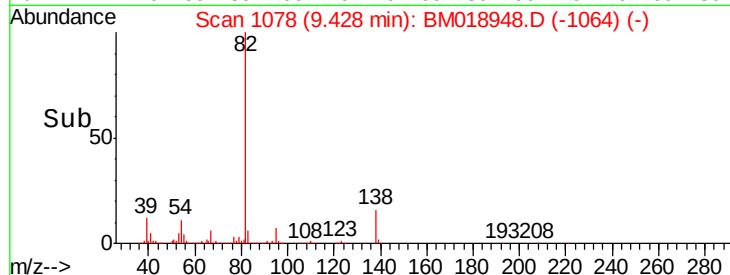
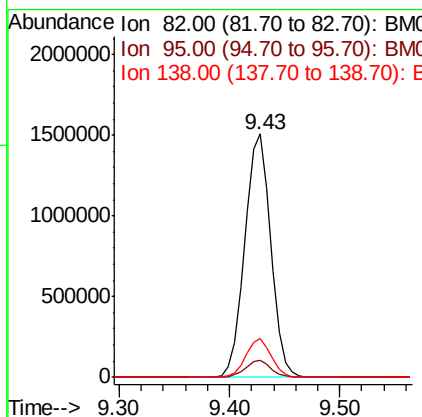
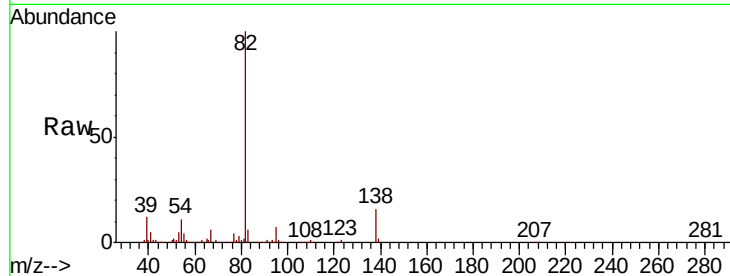




#25
Isophorone
Concen: 49.817 ng
RT: 9.43 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

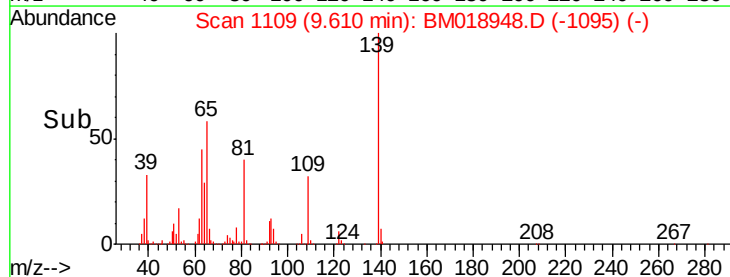
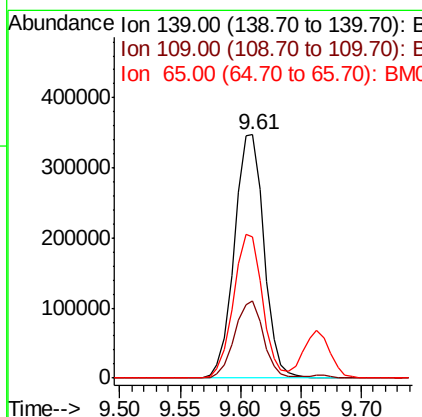
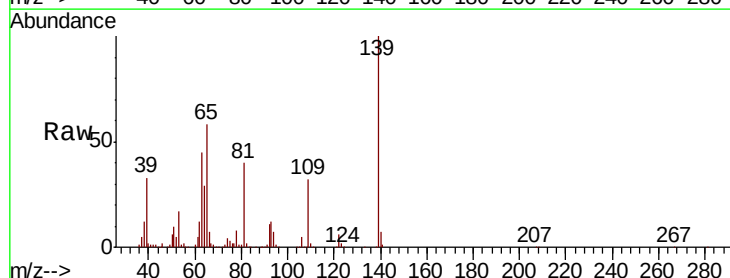
Instrument :
BNA_M
ClientSampleId :
PB117349BS

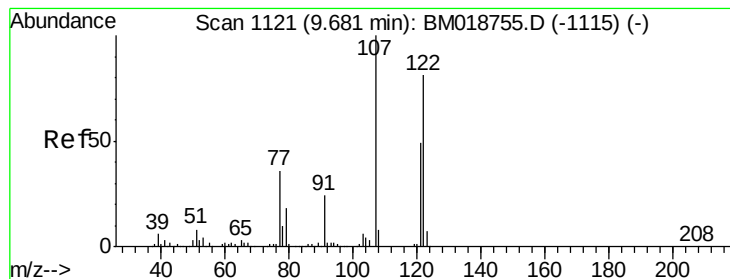
Tgt Ion: 82 Resp: 2502437
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 15.7 12.3 18.5



#26
2-Nitrophenol
Concen: 45.597 ng
RT: 9.61 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion: 139 Resp: 593384
Ion Ratio Lower Upper
139 100
109 31.6 25.2 37.8
65 58.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.396 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

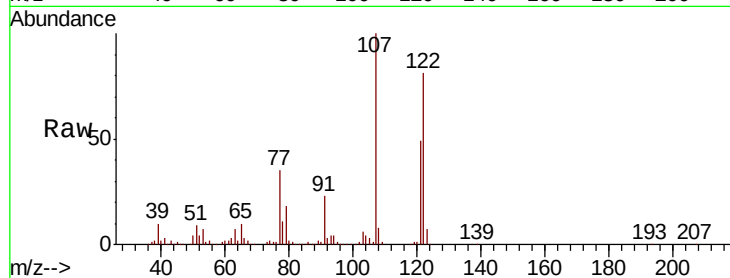
Tgt Ion:122 Resp: 862862

Ion Ratio Lower Upper

122 100

107 124.0 97.6 146.4

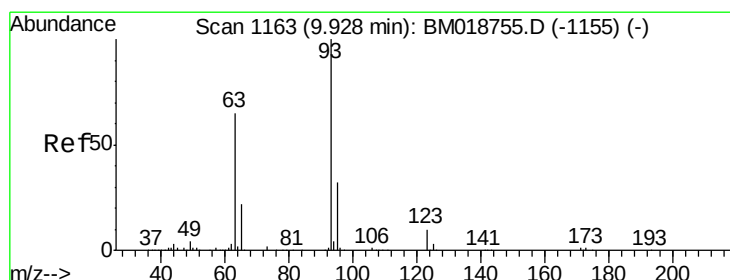
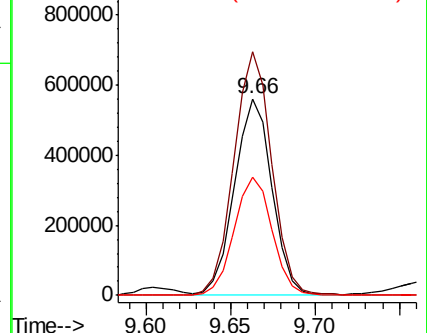
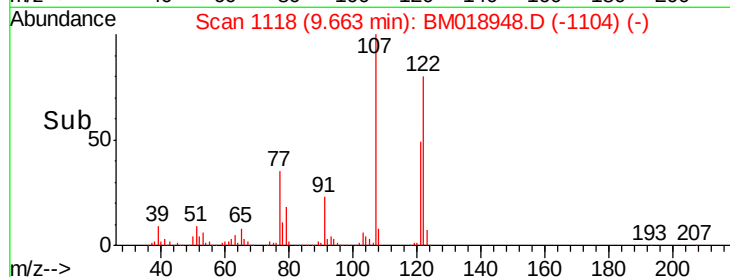
121 60.3 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.227 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

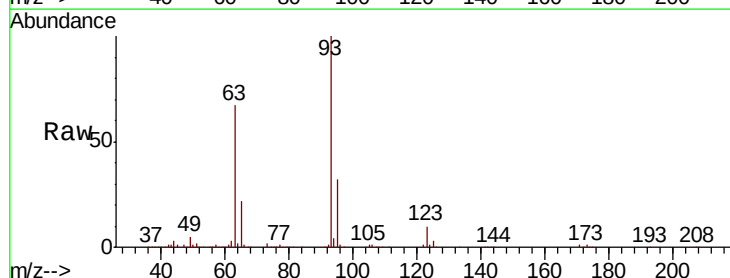
Tgt Ion: 93 Resp: 1404144

Ion Ratio Lower Upper

93 100

95 32.0 25.6 38.4

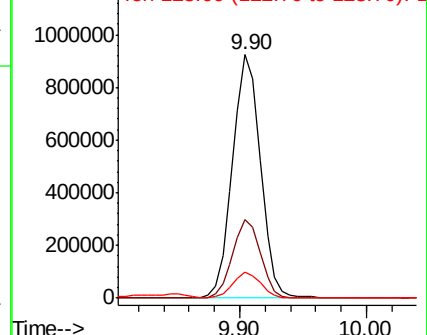
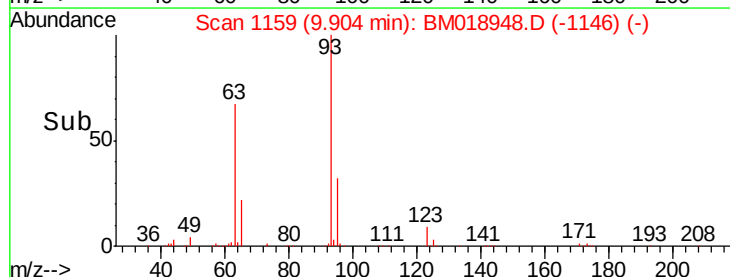
123 10.5 8.2 12.4

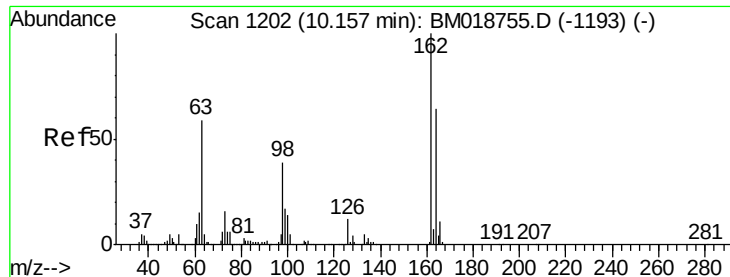


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

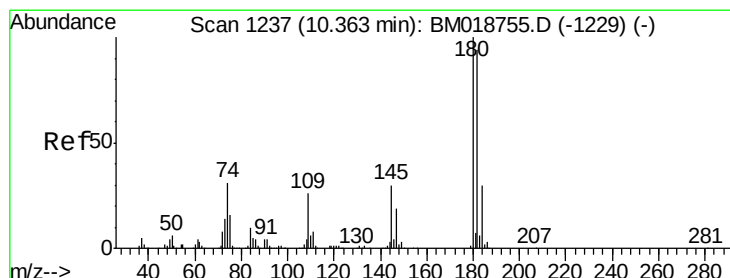
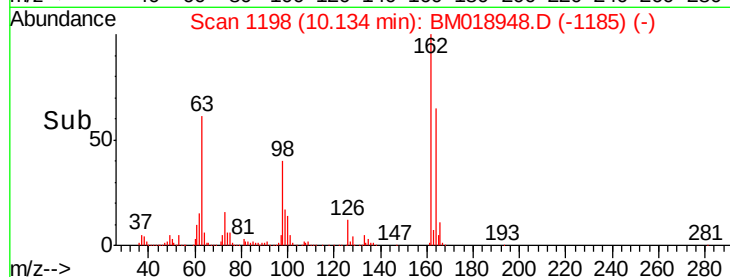
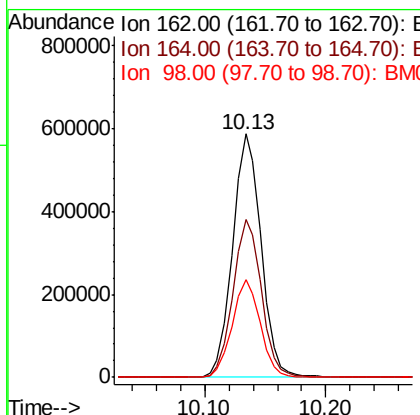
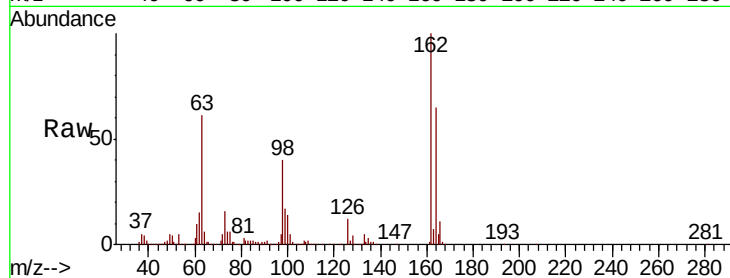




#29
 2,4-Dichlorophenol
 Concen: 44.430 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

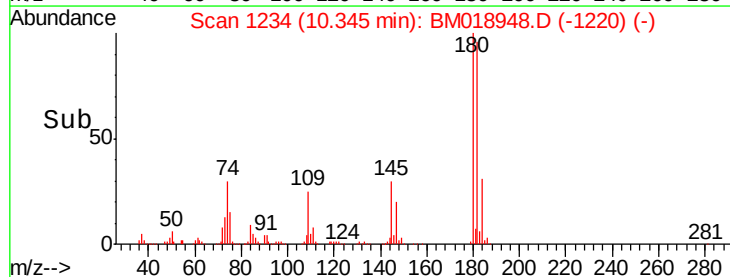
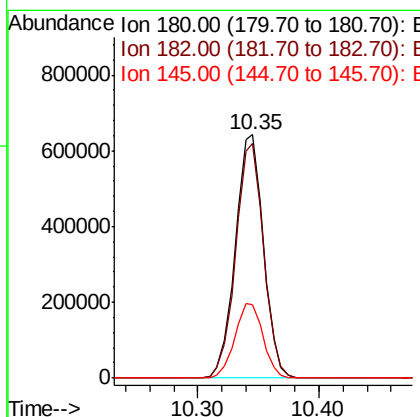
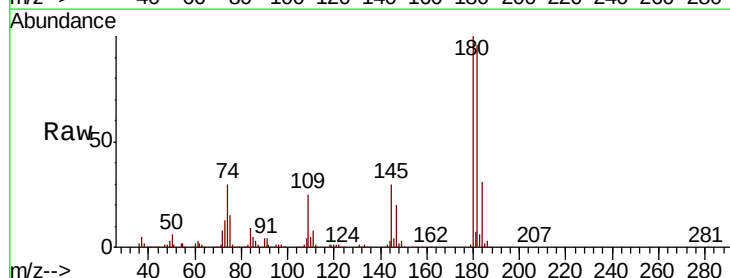
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

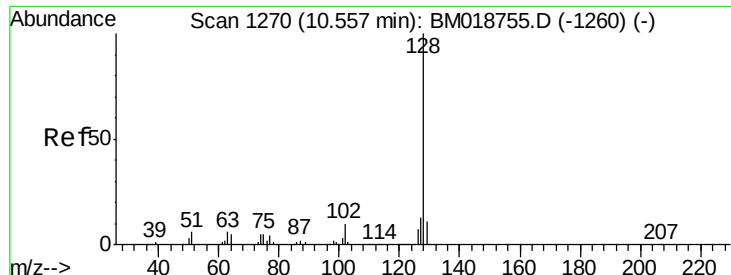
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	969687		
164	64.9		44.1	84.1
98	40.2		19.4	59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 41.365 ng
 RT: 10.35 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1042595		
182	96.2		75.0	112.6
145	30.3		24.1	36.1

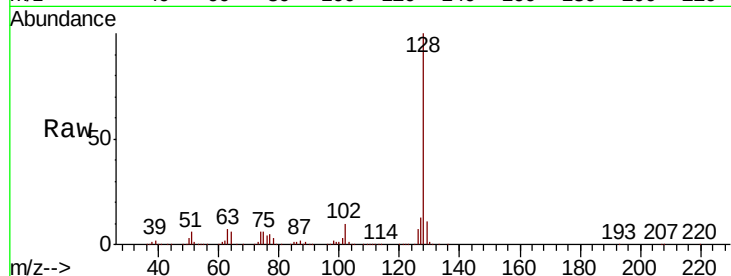




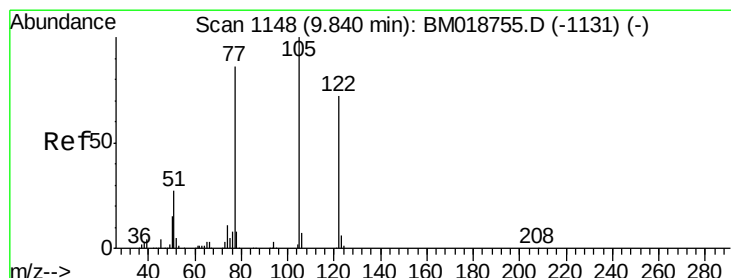
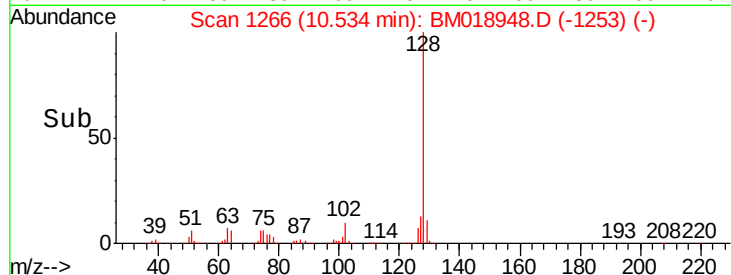
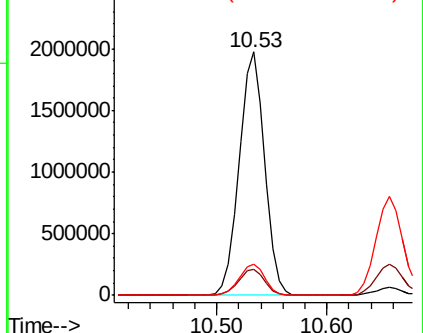
#31
Naphthalene
Concen: 44.873 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tgt Ion:128 Resp: 3185747
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.7 16.1

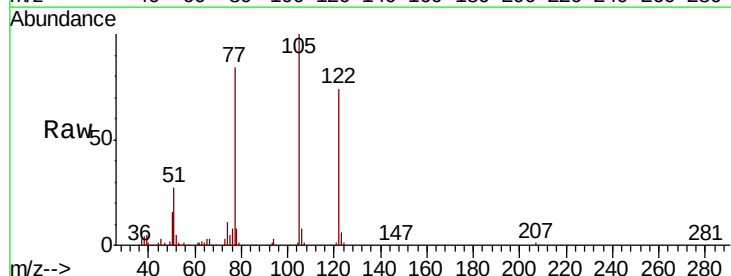


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

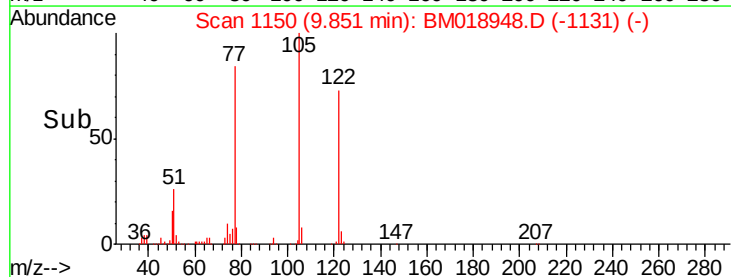
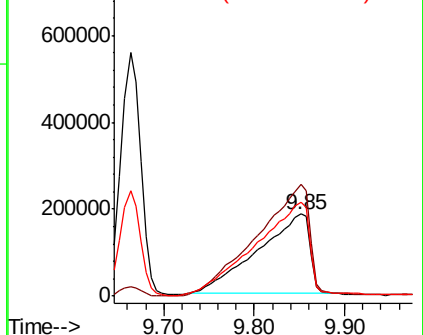


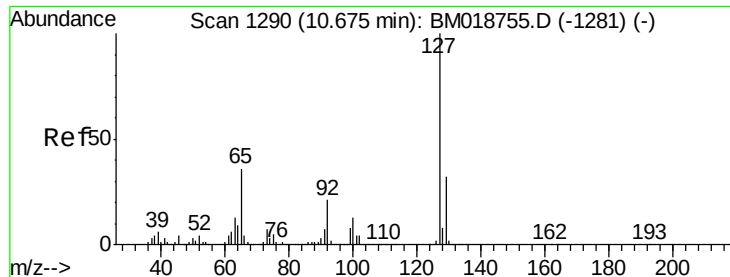
#32
Benzoic acid
Concen: 44.339 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion:122 Resp: 735153
Ion Ratio Lower Upper
122 100
105 135.6 117.5 157.5
77 114.2 98.5 138.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

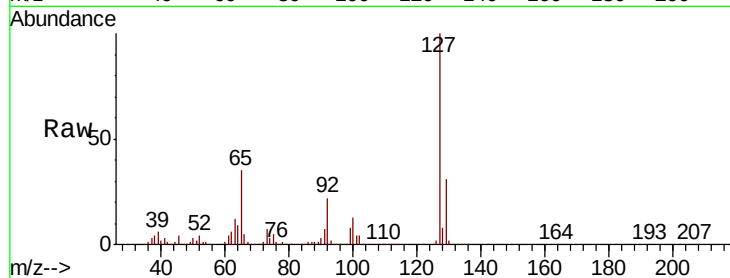




#33
4-Chloroaniline
Concen: 43.796 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tgt Ion:	127	Resp:	1389899
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.7	38.5
65	34.7	28.7	43.1
92	21.6	17.0	25.4



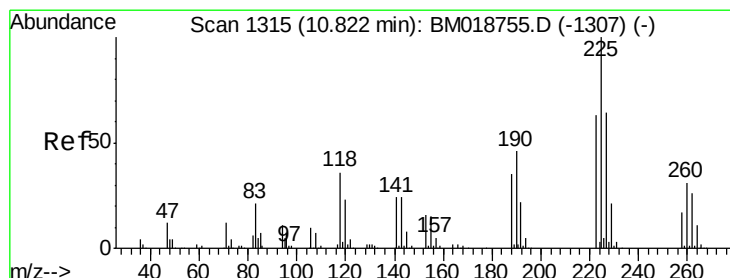
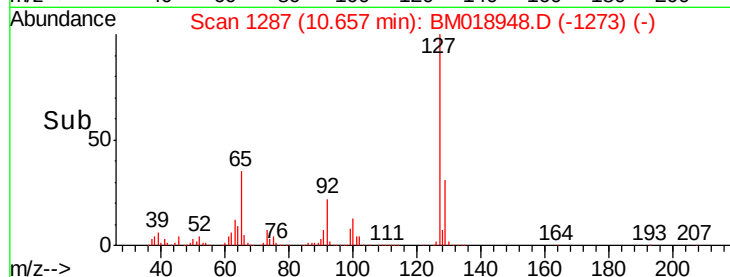
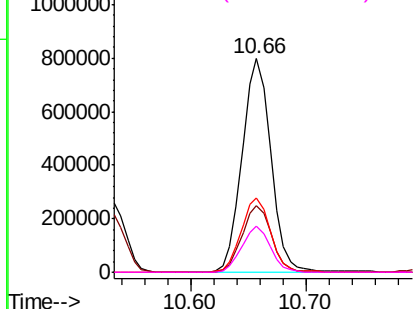
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

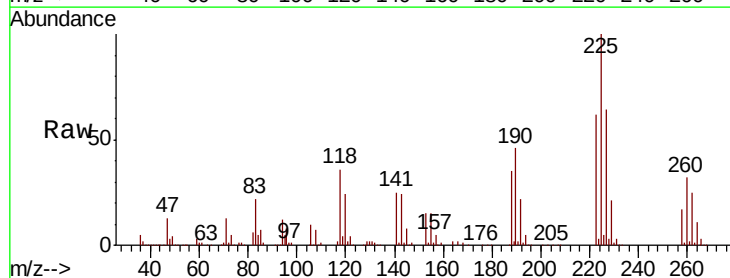
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 38.720 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion:	225	Resp:	566467
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	64.4	51.4	77.0

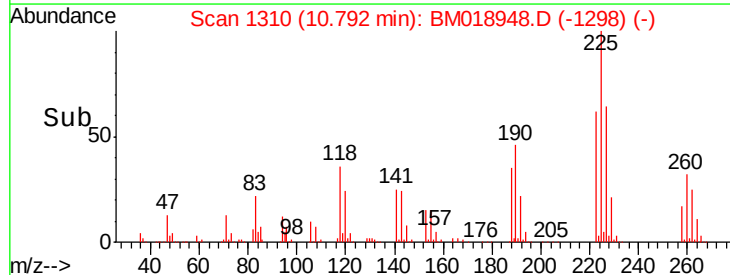
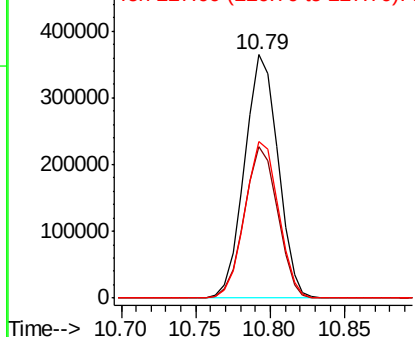


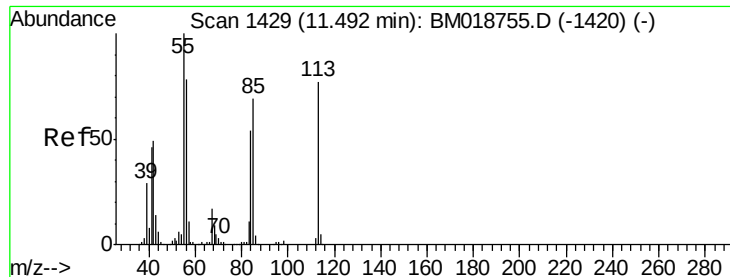
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 16.531 ng

RT: 11.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

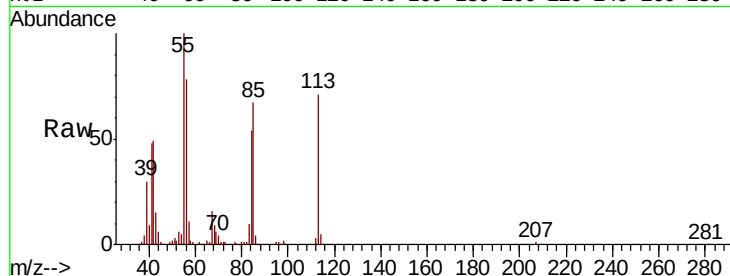
Tgt Ion:113 Resp: 147242

Ion Ratio Lower Upper

113 100

55 140.6 110.7 150.7

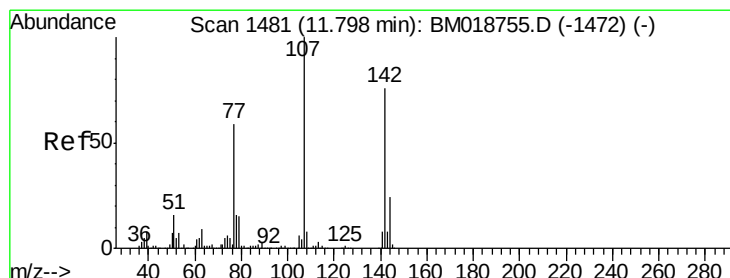
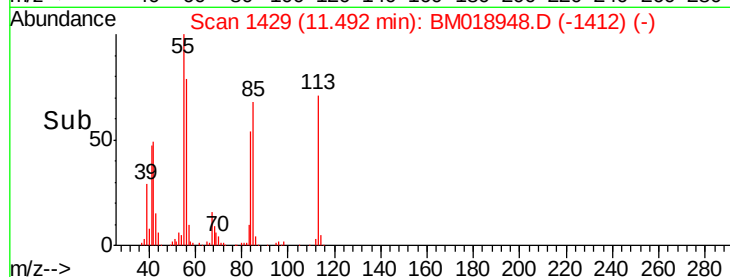
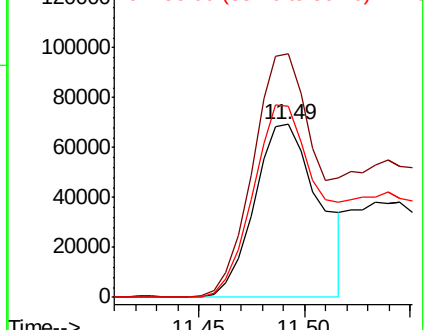
56 110.1 82.4 122.4



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: 43.765 ng

RT: 11.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

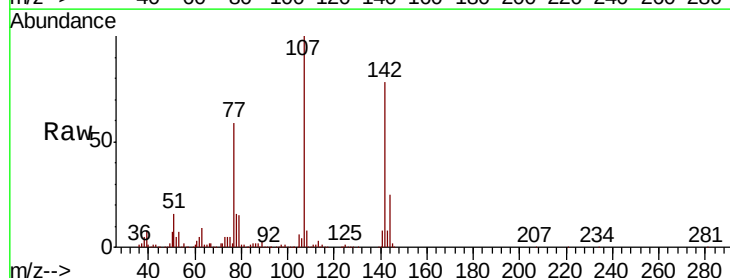
Tgt Ion:107 Resp: 1151615

Ion Ratio Lower Upper

107 100

144 25.0 19.3 28.9

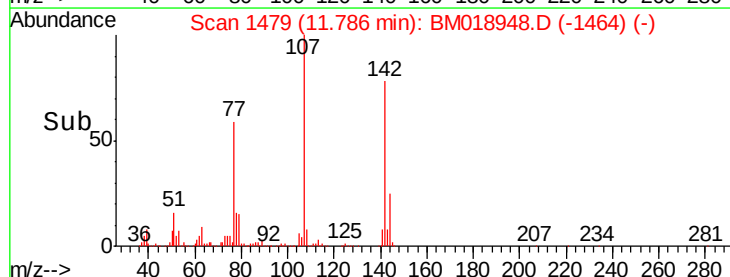
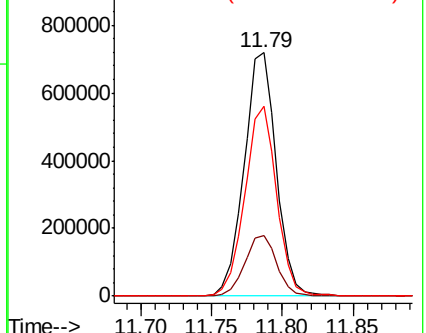
142 78.1 60.5 90.7

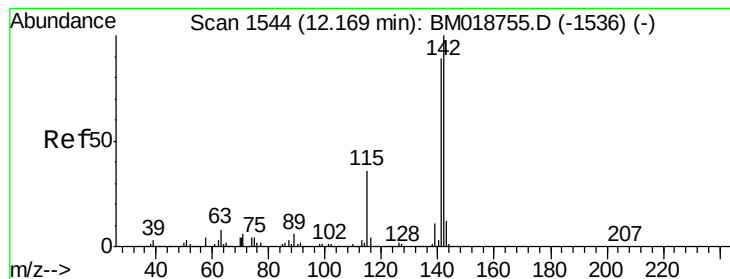


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.394 ng

RT: 12.15 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

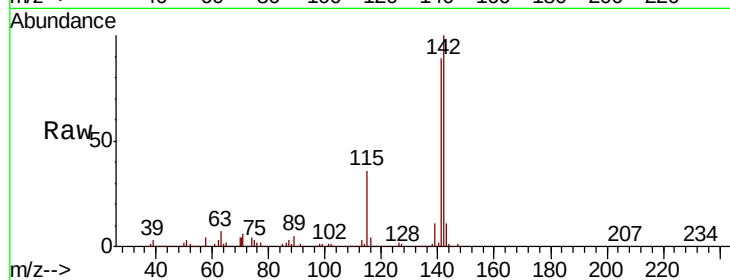
Tgt Ion:142 Resp: 2368974

Ion Ratio Lower Upper

142 100

141 89.3 71.2 106.8

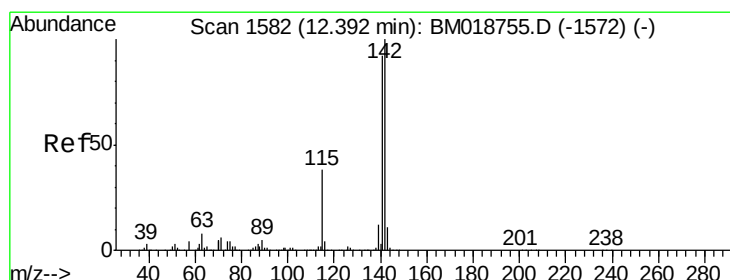
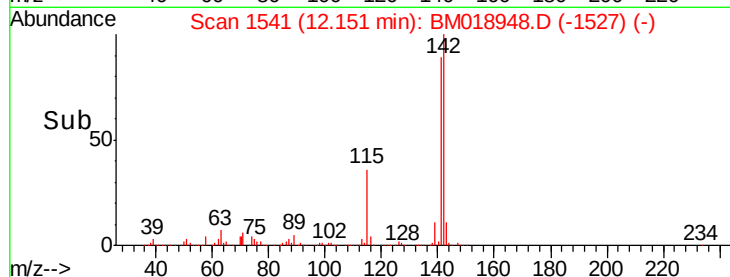
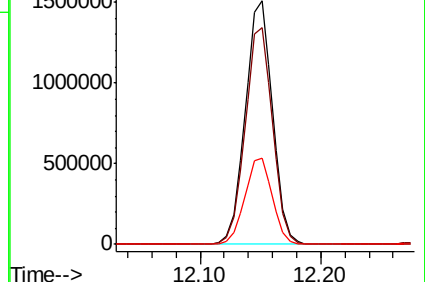
115 35.5 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.969 ng

RT: 12.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

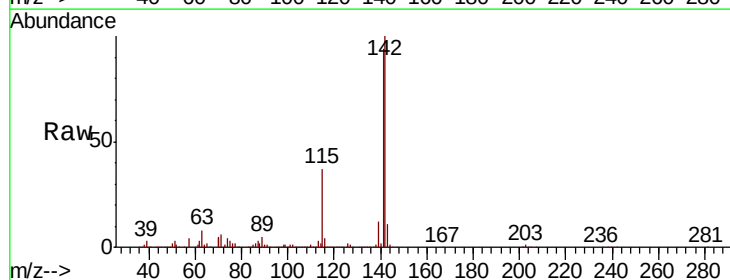
Tgt Ion:142 Resp: 2246926

Ion Ratio Lower Upper

142 100

141 93.9 73.9 110.9

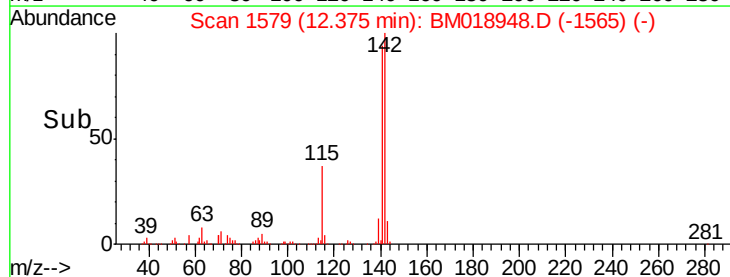
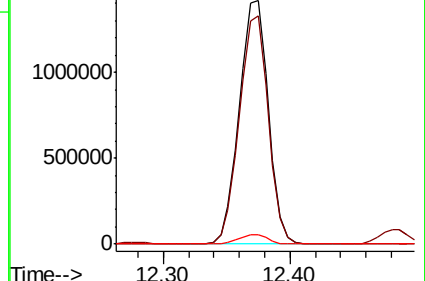
116 3.8 3.0 4.4

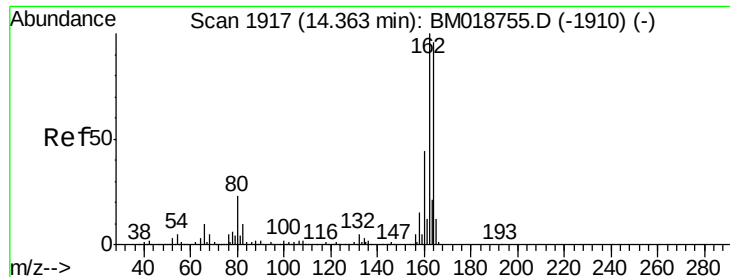


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

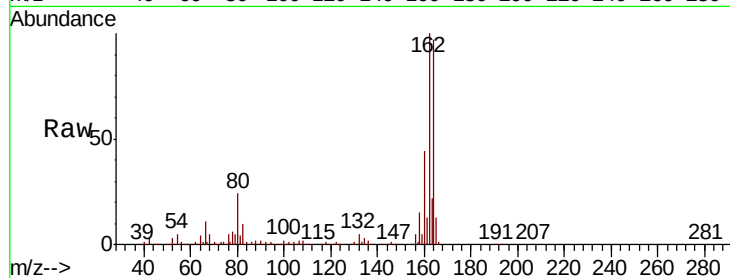
Tgt Ion:164 Resp: 847624

Ion Ratio Lower Upper

164 100

162 103.0 83.4 125.0

160 45.6 36.6 55.0

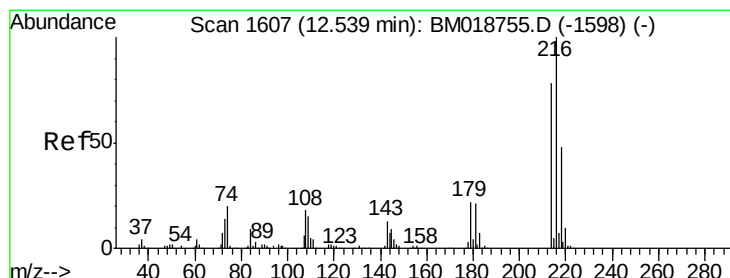
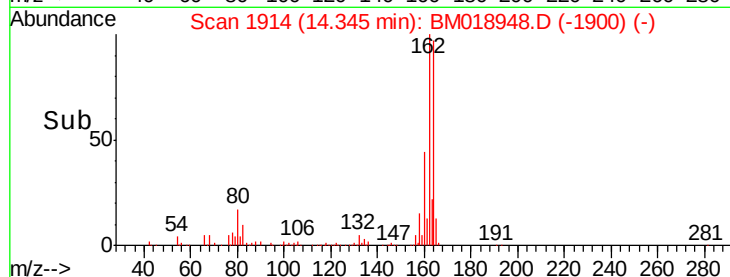
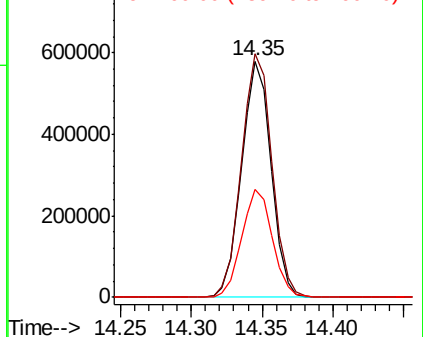


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.392 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Tgt Ion:216 Resp: 1122325

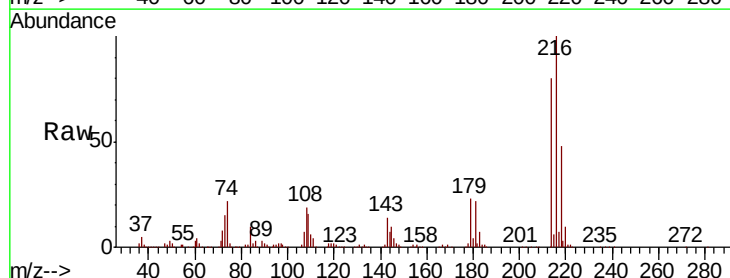
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 22.6 17.8 26.8

108 21.8 16.4 24.6



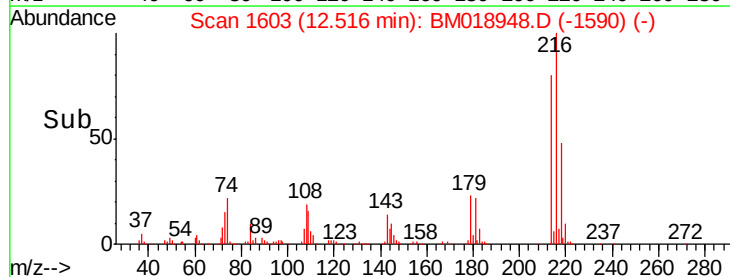
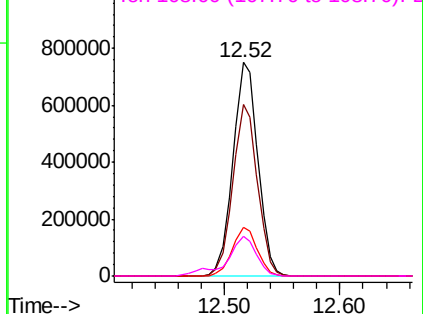
Abundance

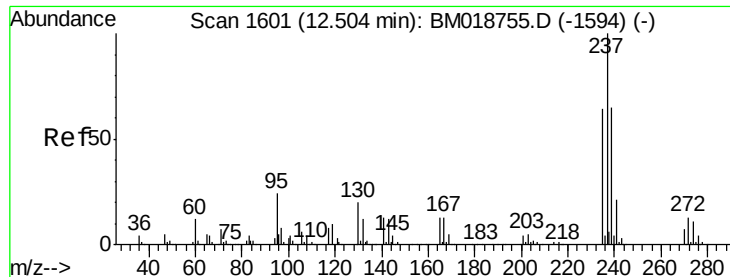
Ion 216.00 (215.70 to 216.70): E

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: 76.123 ng

RT: 12.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

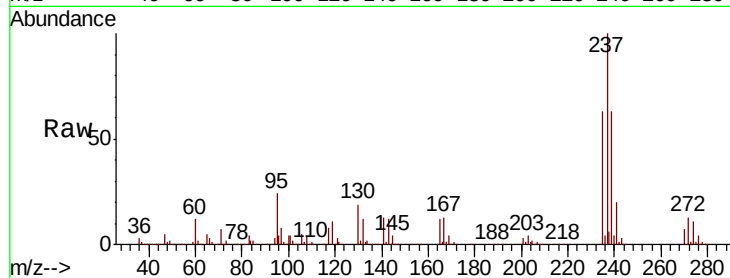
Tgt Ion:237 Resp: 1055297

Ion Ratio Lower Upper

237 100

235 62.6 43.7 83.7

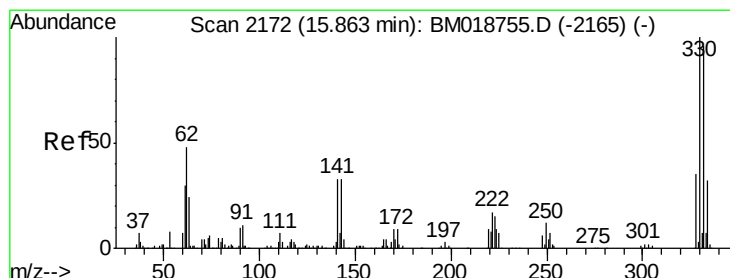
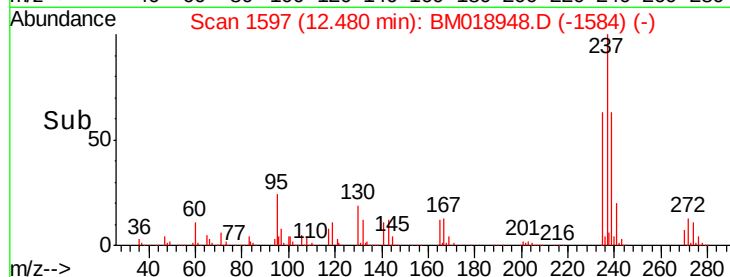
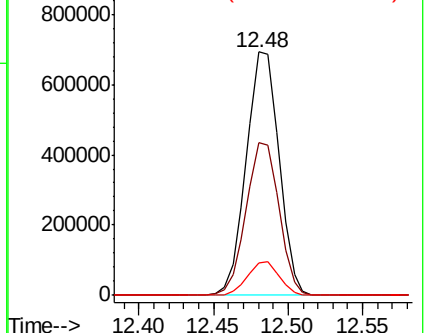
272 13.2 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 162.747 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

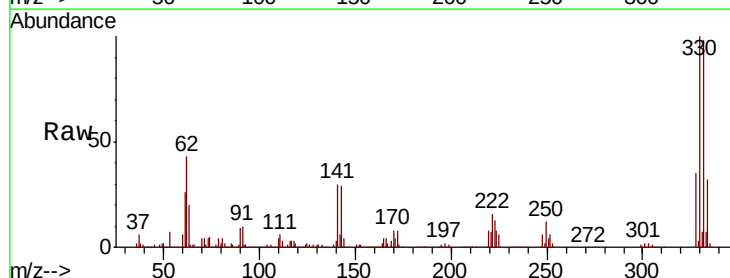
Tgt Ion:330 Resp: 1988484

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

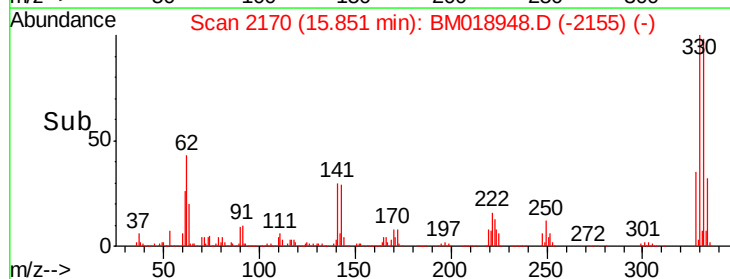
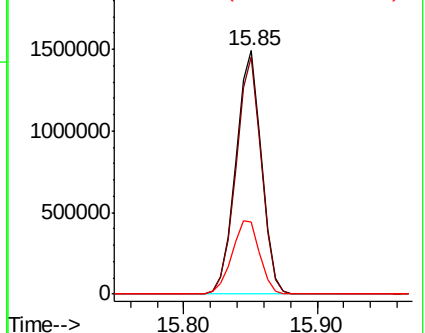
141 32.6 28.7 43.1

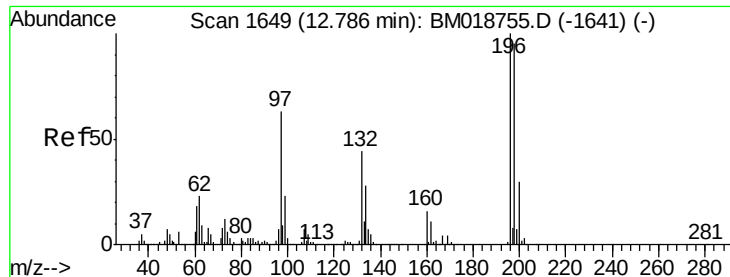


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

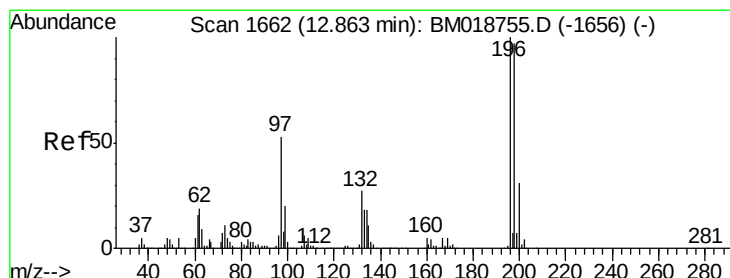
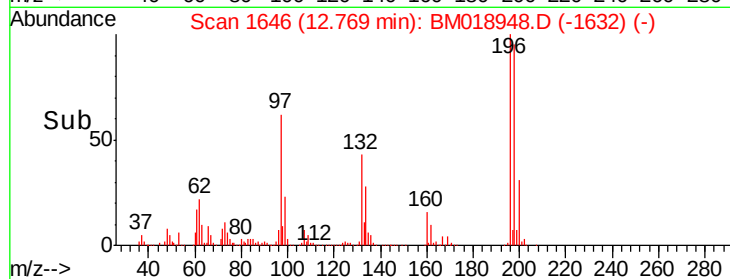
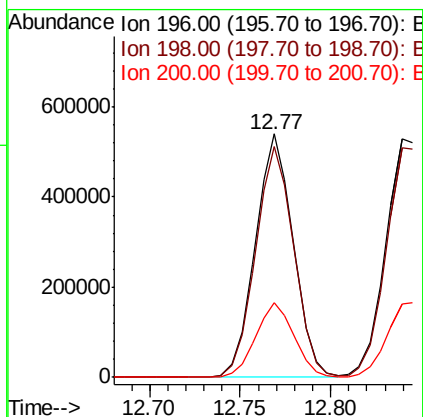
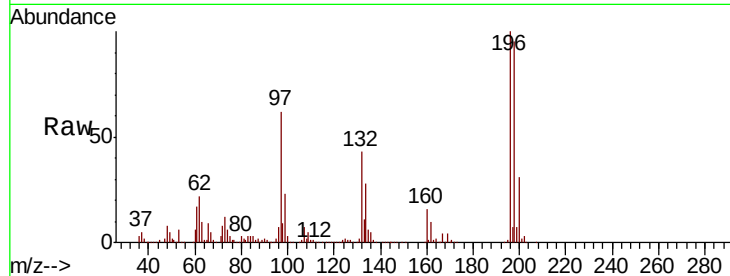




#43
 2,4,6-Trichlorophenol
 Concen: 43.636 ng
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

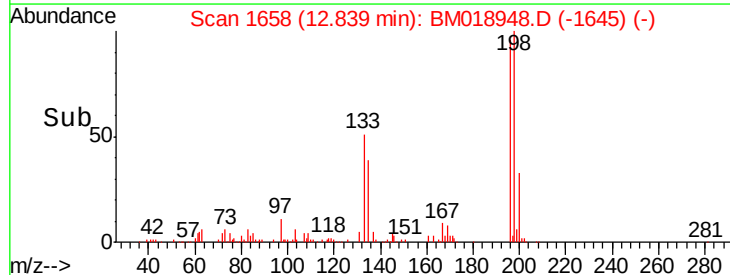
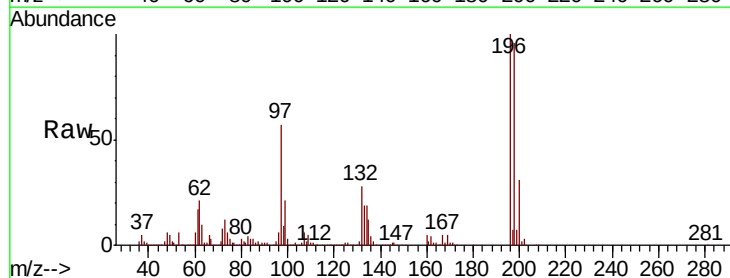
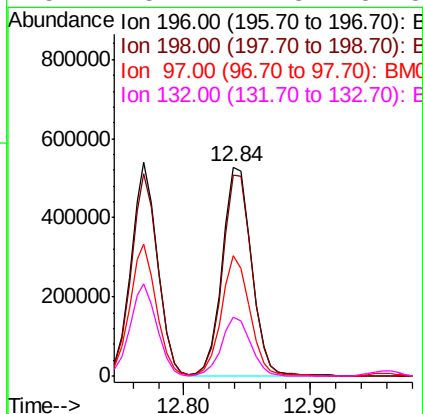
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

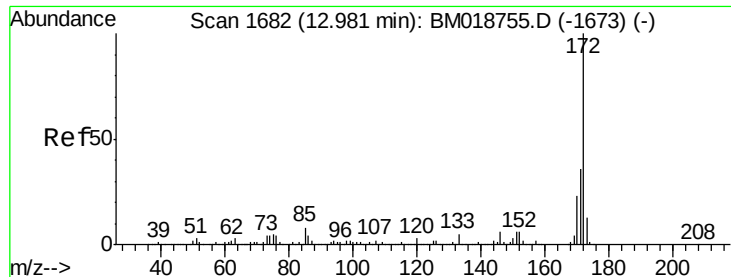
Tgt Ion:196 Resp: 783265
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.2 114.2
 200 30.7 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.519 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Tgt Ion:196 Resp: 837582
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.6 116.4
 97 57.4 42.8 64.2
 132 28.4 21.8 32.8

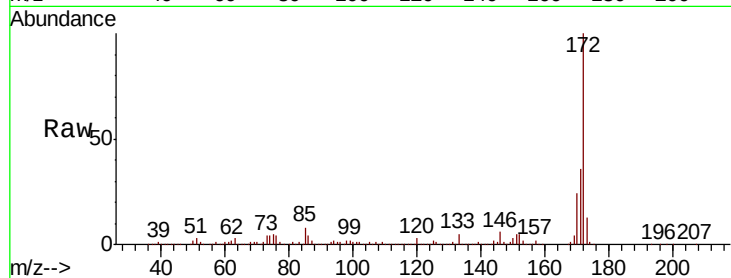




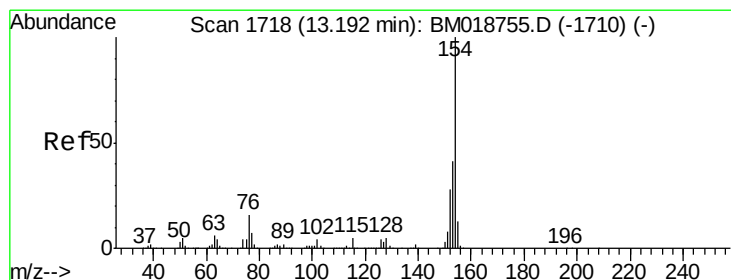
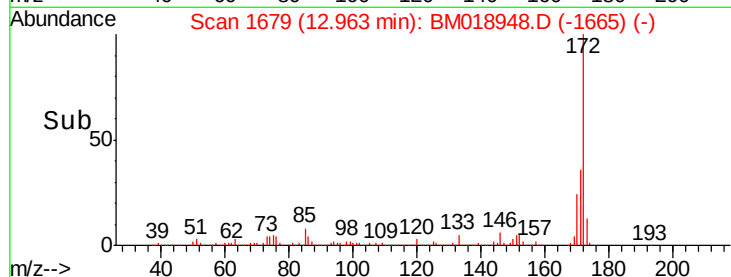
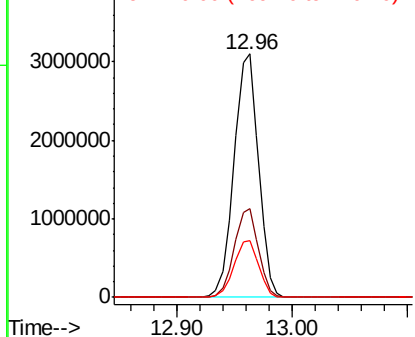
#45
2-Fluorobiphenyl
Concen: 71.017 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tgt Ion:172 Resp: 4534618
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.6 18.6 28.0

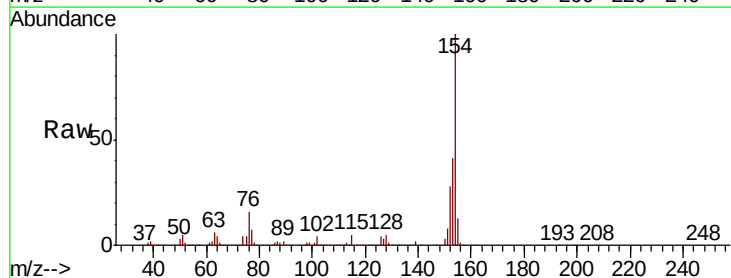


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

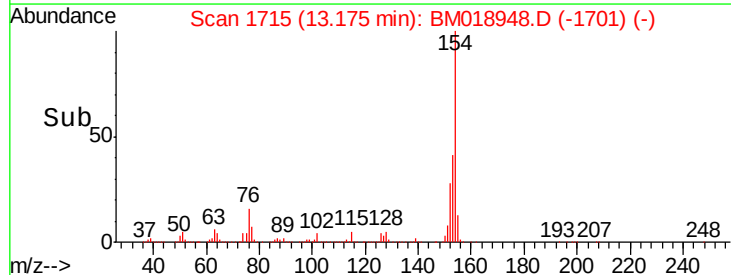
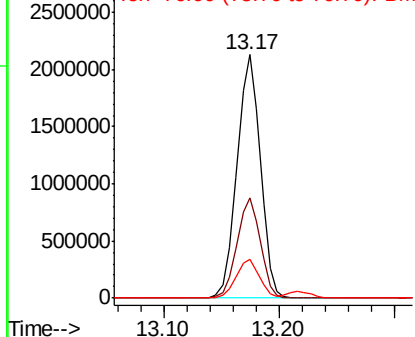


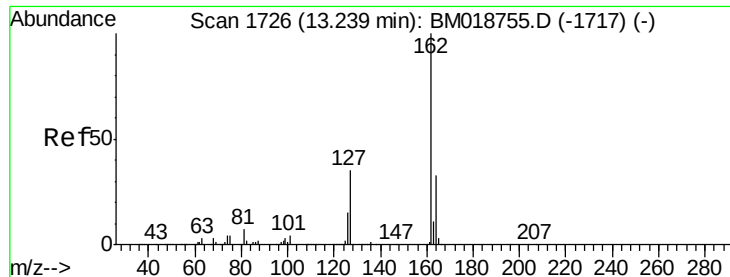
#46
1,1'-Biphenyl
Concen: 40.818 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion:154 Resp: 2978122
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 15.7 0.0 35.7



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

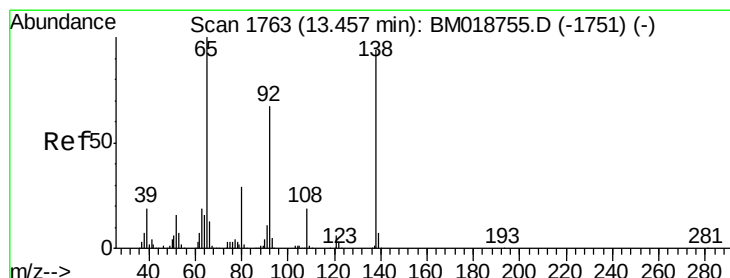
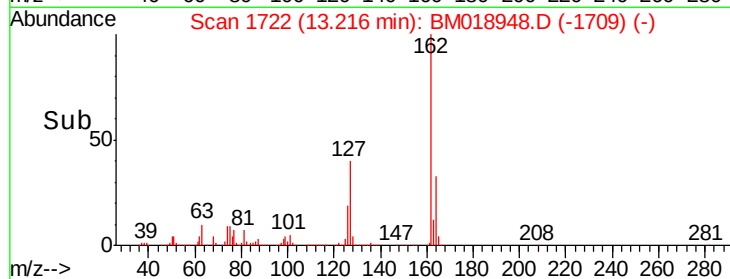
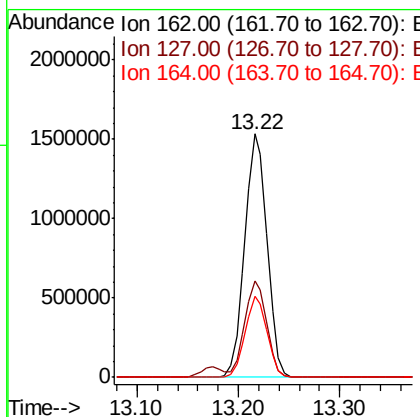
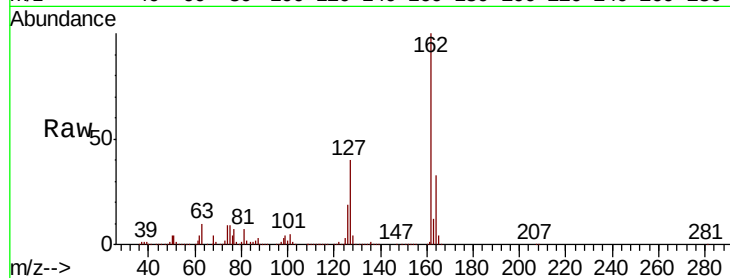




#47
 2-Chloronaphthalene
 Concen: 41.445 ng
 RT: 13.22 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

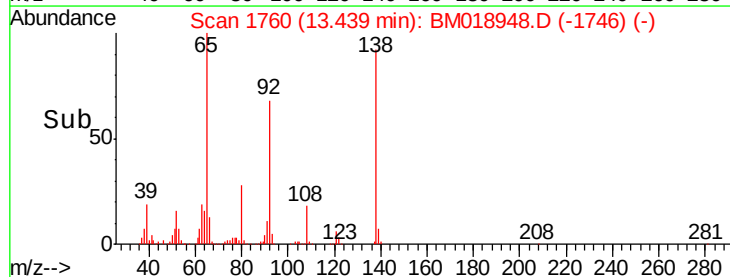
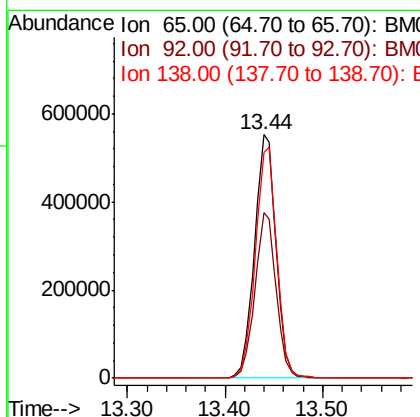
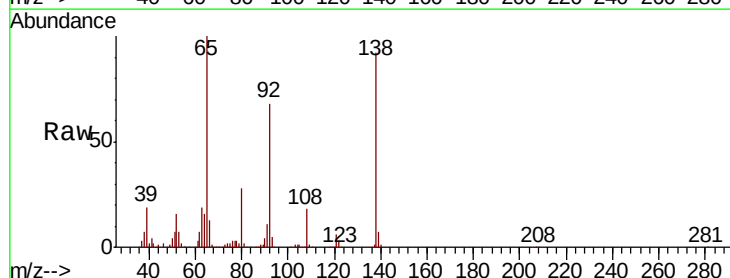
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

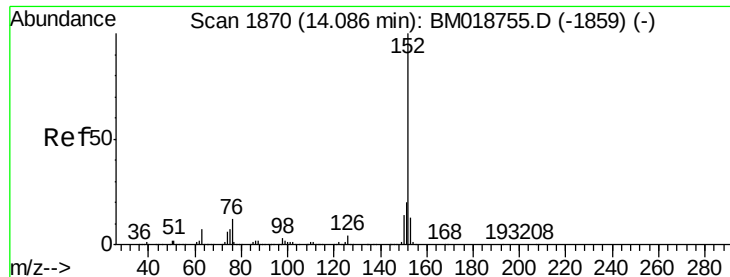
Tgt Ion: 162 Resp: 2335599
 Ion Ratio Lower Upper
 162 100
 127 39.6 31.1 46.7
 164 33.3 26.4 39.6



#48
 2-Nitroaniline
 Concen: 46.217 ng
 RT: 13.44 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Tgt Ion: 65 Resp: 865016
 Ion Ratio Lower Upper
 65 100
 92 67.7 54.0 81.0
 138 92.4 74.9 112.3





#49

Acenaphthylene

Concen: 44.667 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

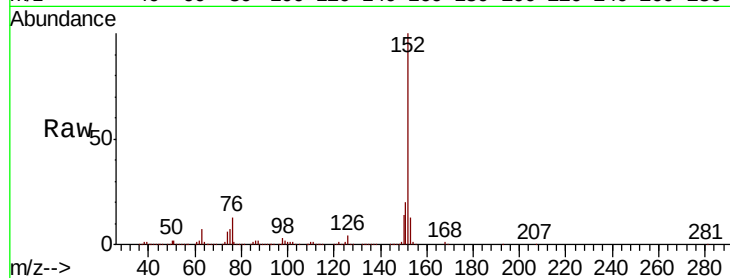
BNA_M

ClientSampleId :

PB117349BS

Tgt Ion:152 Resp: 3748110

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.1	10.5	15.7

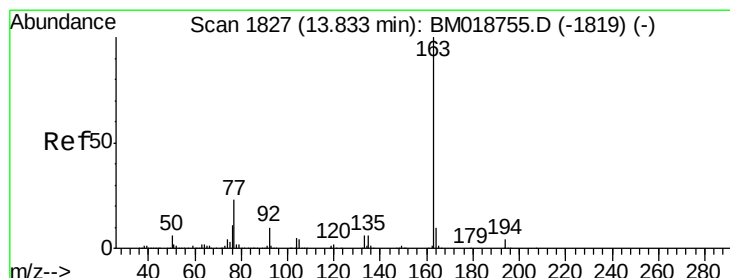
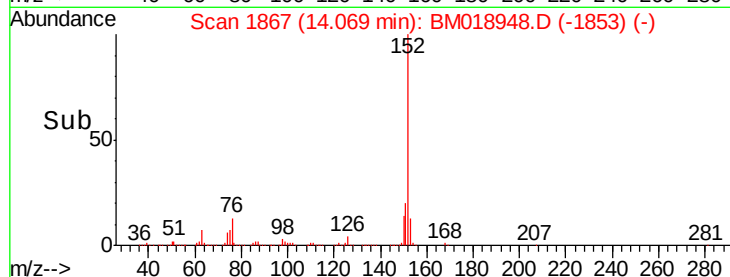
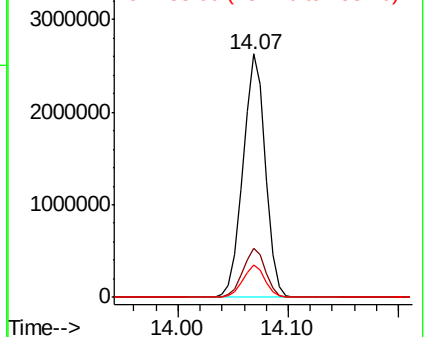


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.020 ng

RT: 13.82 min Scan# 1824

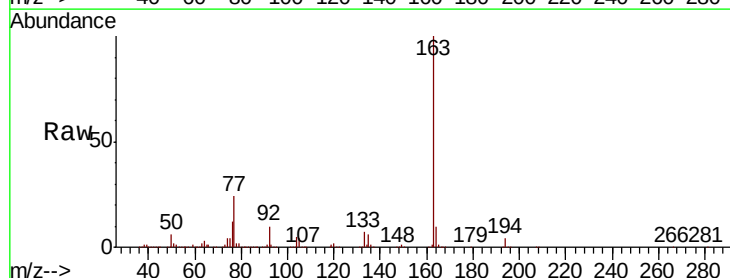
Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Tgt Ion:163 Resp: 2968301

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

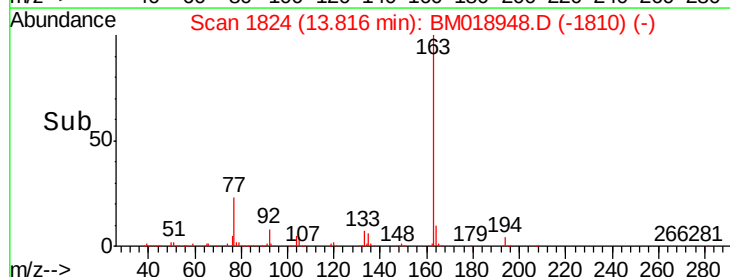
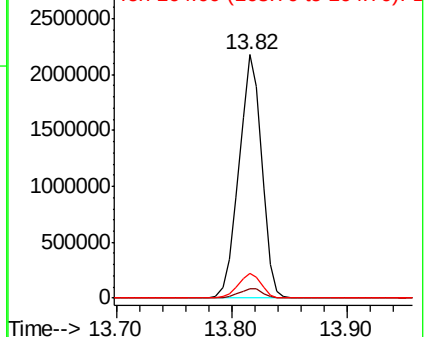


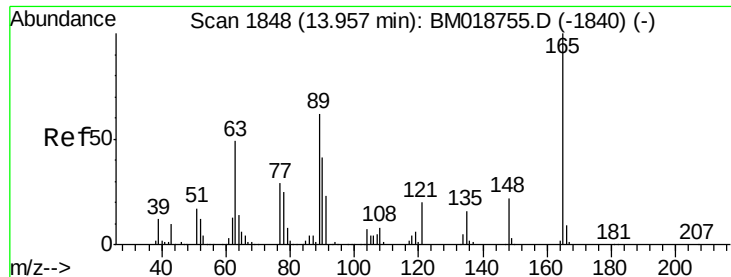
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

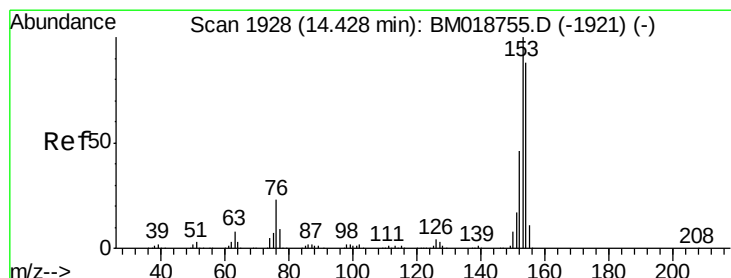
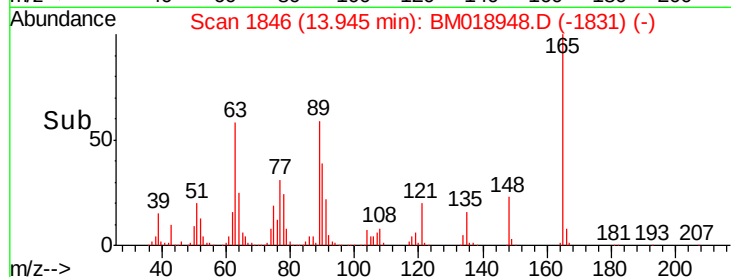
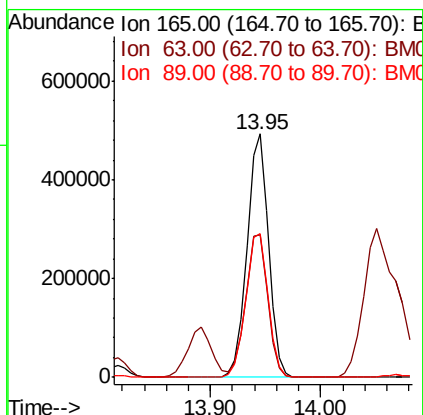
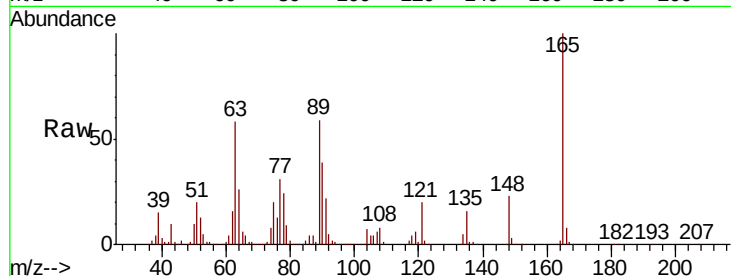




#51
2,6-Dinitrotoluene
Concen: 43.990 ng
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

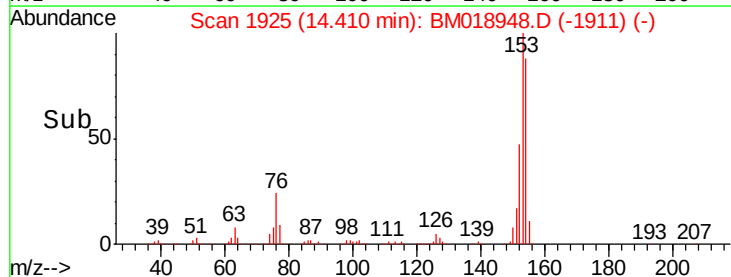
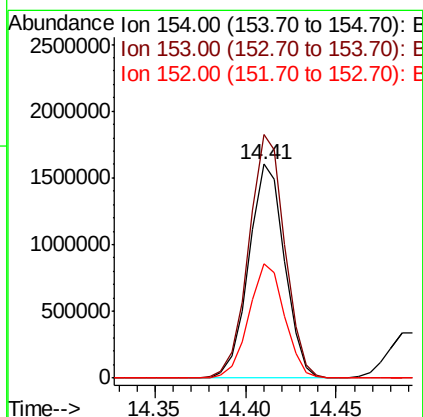
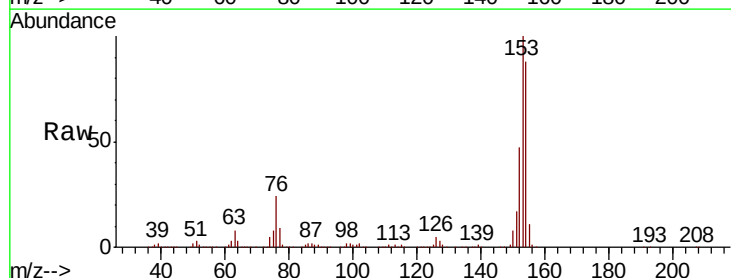
Instrument :
BNA_M
ClientSampleId :
PB117349BS

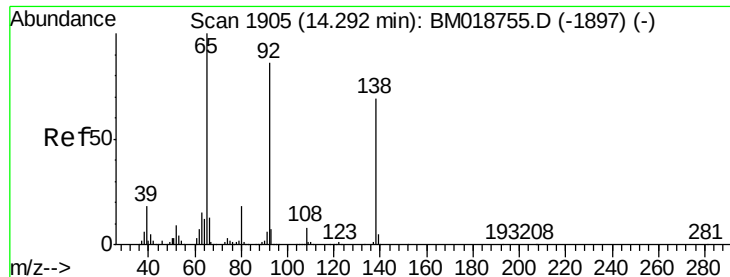
Tgt Ion:165 Resp: 673148
Ion Ratio Lower Upper
165 100
63 58.5 48.9 73.3
89 58.8 49.4 74.0



#52
Acenaphthene
Concen: 42.725 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion:154 Resp: 2198337
Ion Ratio Lower Upper
154 100
153 113.9 91.3 136.9
152 53.4 42.2 63.4

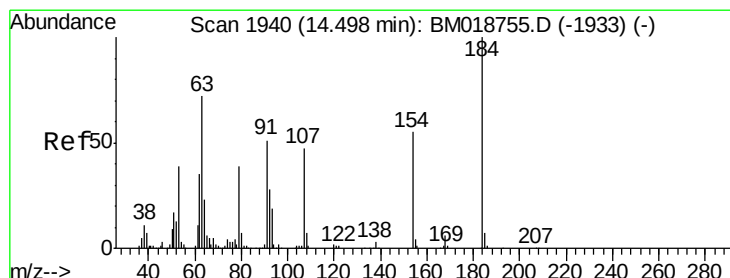
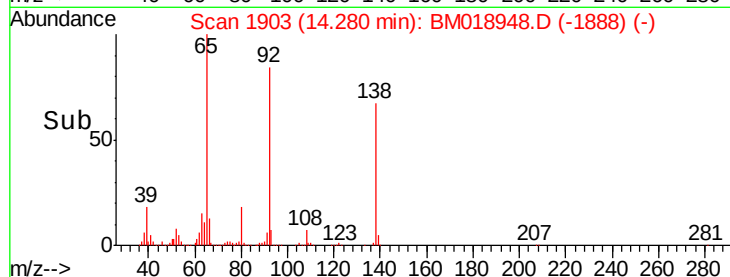
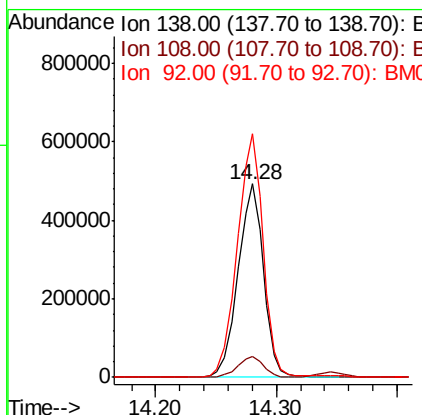
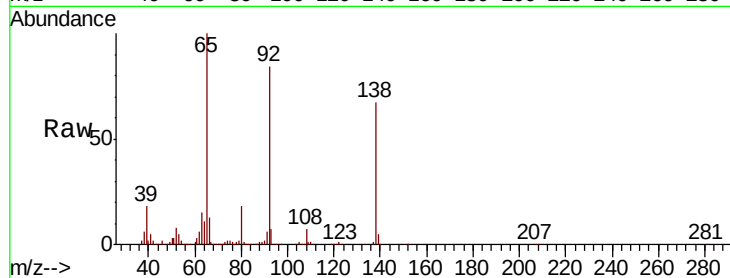




#53
 3-Nitroaniline
 Concen: 42.078 ng
 RT: 14.28 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

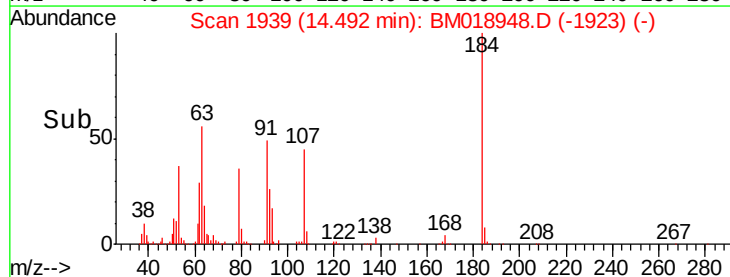
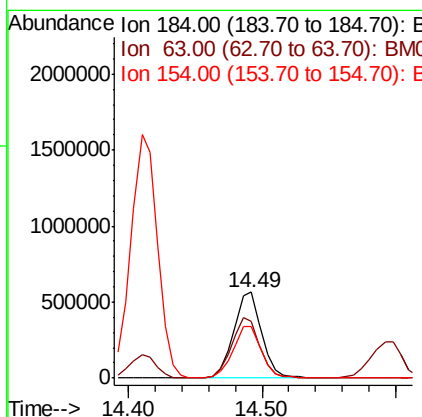
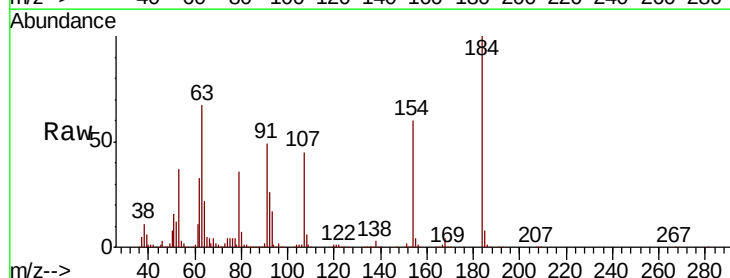
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

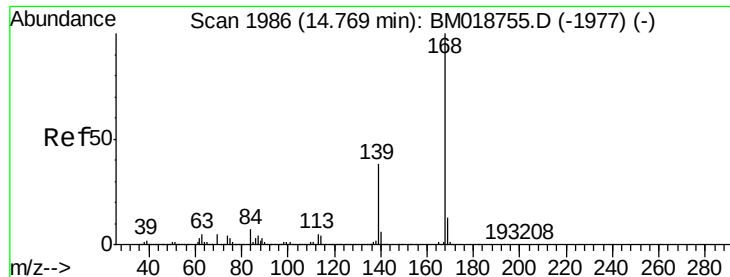
Tgt Ion:138 Resp: 727525
 Ion Ratio Lower Upper
 138 100
 108 10.6 9.1 13.7
 92 126.1 99.7 149.5



#54
 2,4-Dinitrophenol
 Concen: 85.144 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Tgt Ion:184 Resp: 830605
 Ion Ratio Lower Upper
 184 100
 63 66.6 58.0 87.0
 154 59.6 50.3 75.5





#55

Dibenzofuran

Concen: 42.332 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

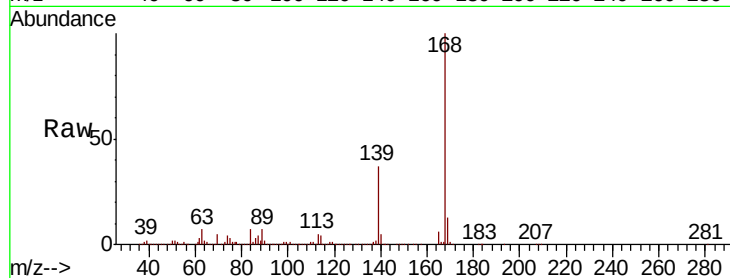
Tgt Ion:168 Resp: 3580043

Ion Ratio Lower Upper

168 100

139 37.2 30.7 46.1

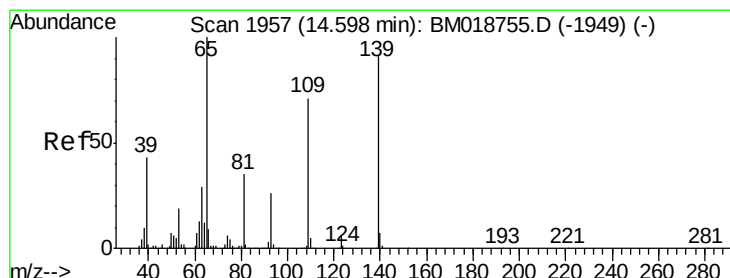
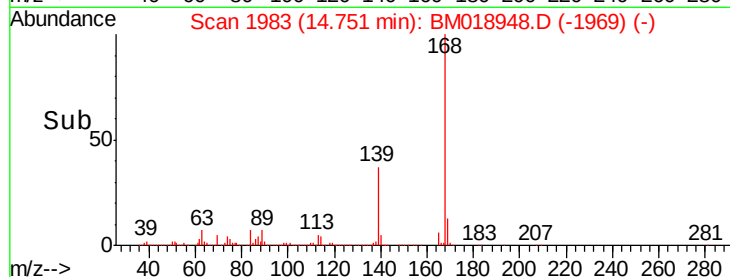
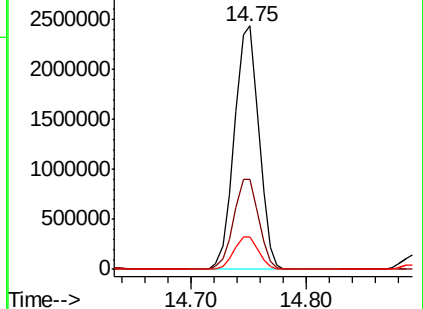
169 13.4 10.3 15.5



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: 89.099 ng

RT: 14.60 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

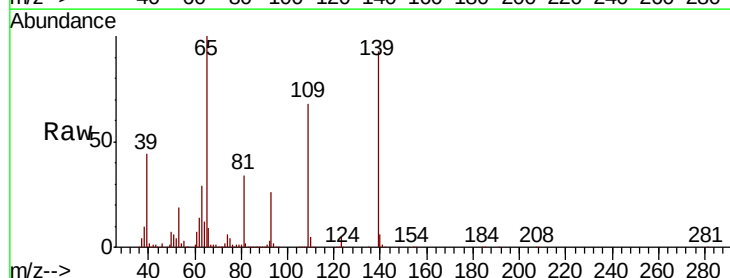
Tgt Ion:139 Resp: 1229768

Ion Ratio Lower Upper

139 100

109 73.8 58.4 98.4

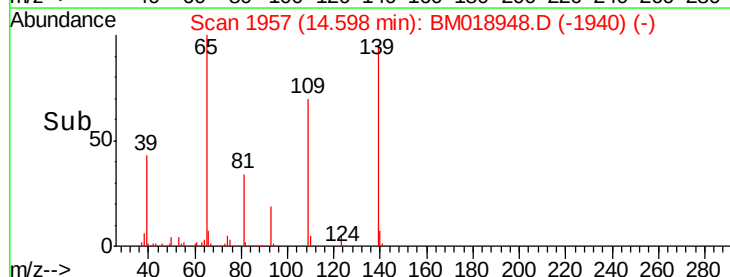
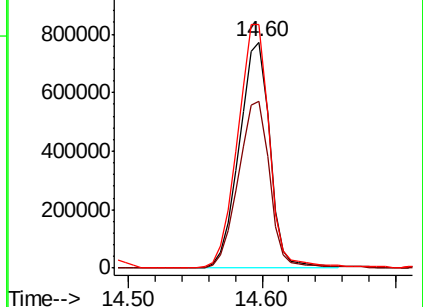
65 107.9 89.8 129.8

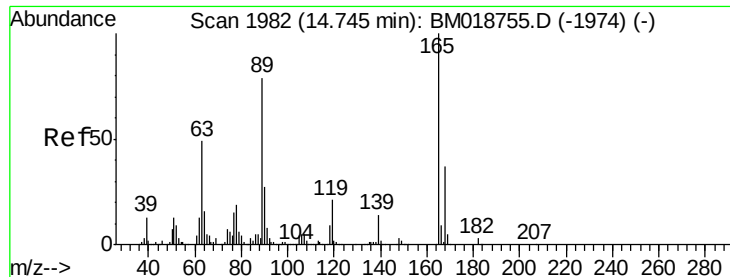


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

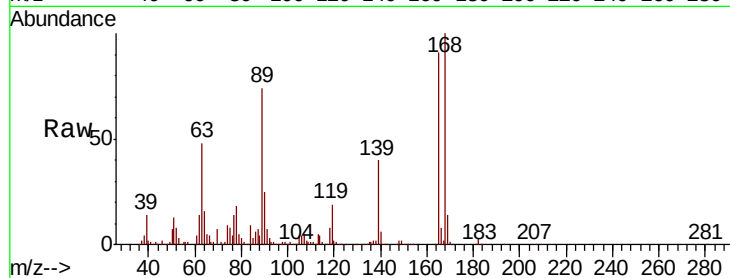




#57
 2,4-Dinitrotoluene
 Concen: 46.359 ng
 RT: 14.73 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	39.6	59.4
89	81.2	63.5	95.3
182	2.9	2.2	3.4



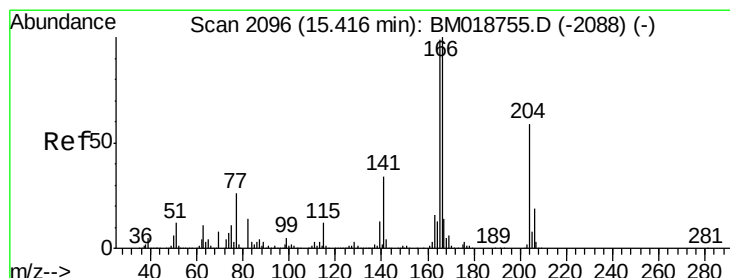
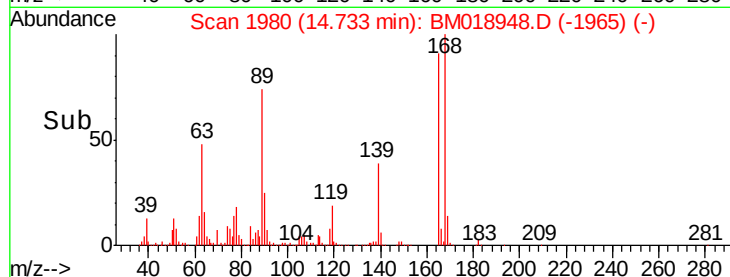
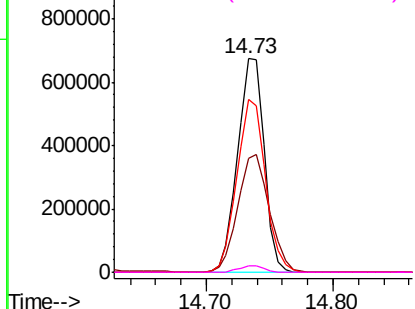
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

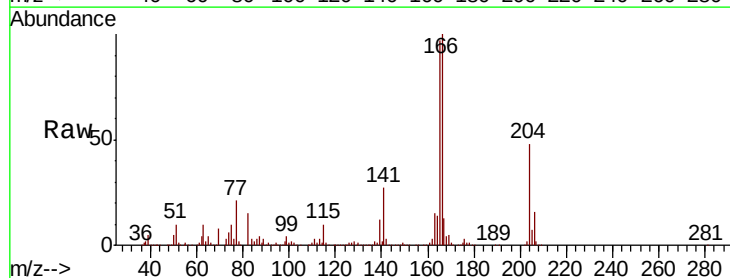
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 46.200 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.1	118.7
167	13.5	11.0	16.4

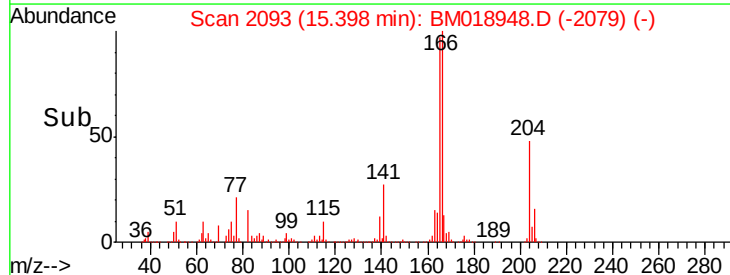
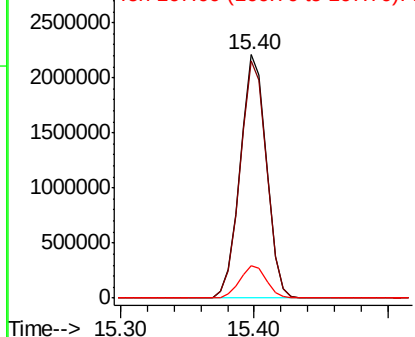


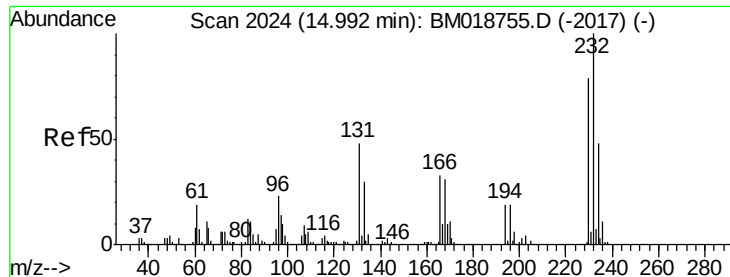
Abundance

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

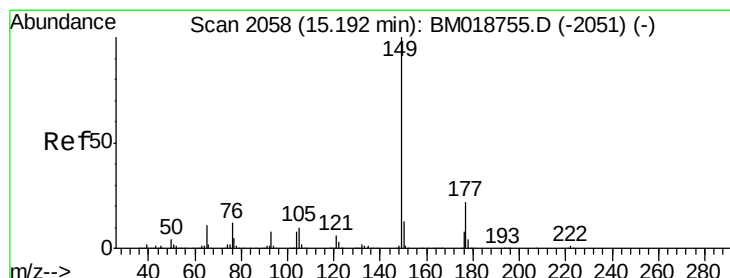
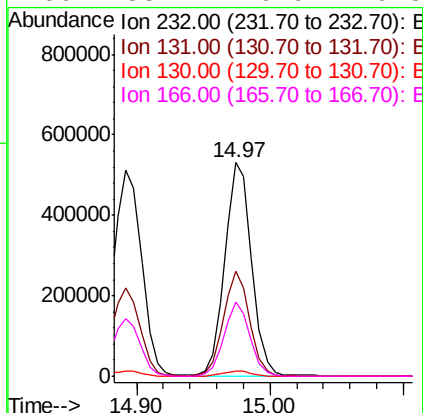
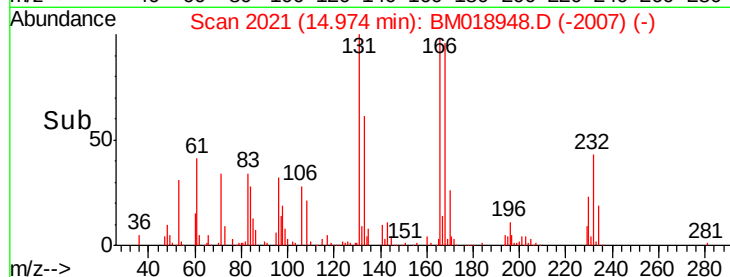
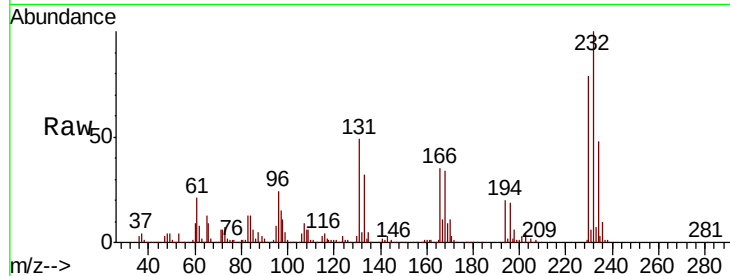




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.742 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

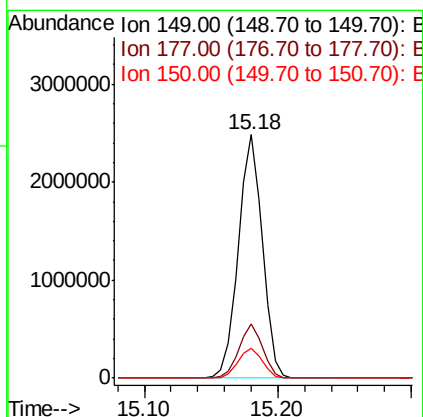
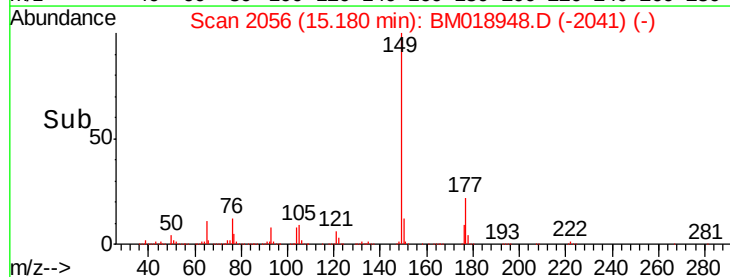
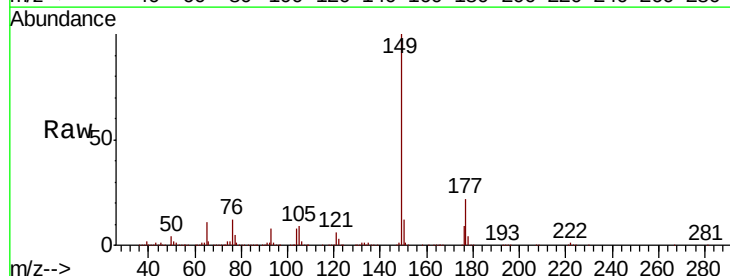
Instrument :
BNA_M
ClientSampleId :
PB117349BS

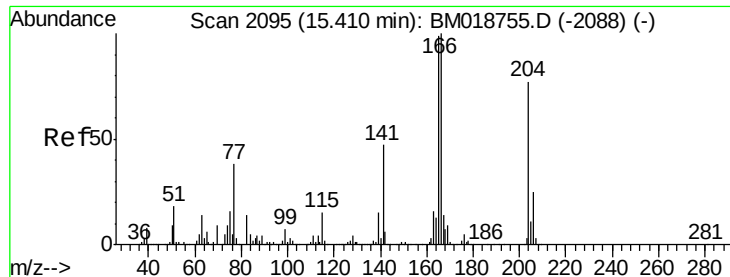
Tgt Ion:	232	Resp:	744054
Ion	Ratio	Lower	Upper
232	100		
131	48.2	38.6	57.8
130	2.5	2.0	3.0
166	33.7	26.9	40.3



#60
Diethylphthalate
Concen: 42.366 ng
RT: 15.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion:	149	Resp:	3087163
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.2	25.8
150	12.4	10.2	15.2

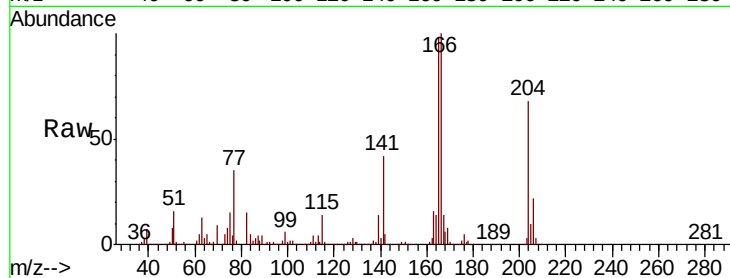




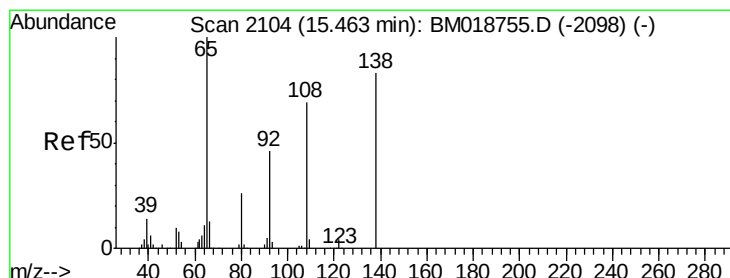
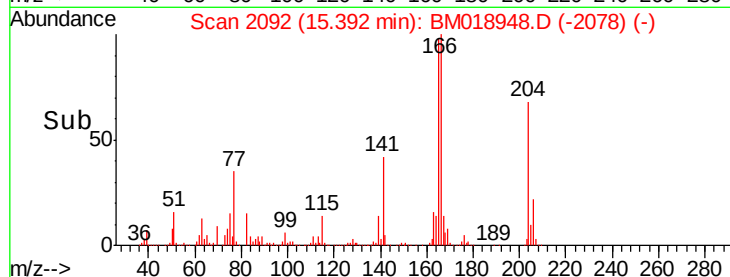
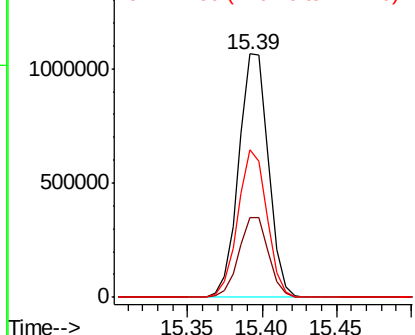
#61
4-Chlorophenyl-phenylether
Concen: 40.400 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tgt Ion:204 Resp: 1465559
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 60.7 49.2 73.8

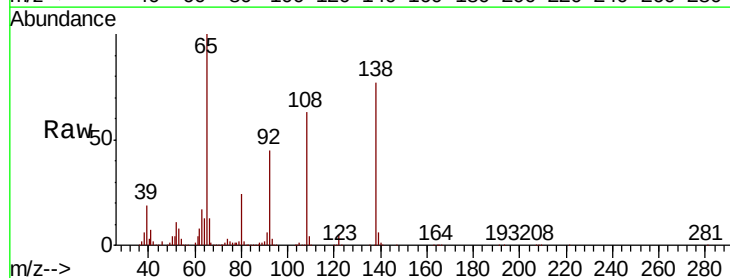


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

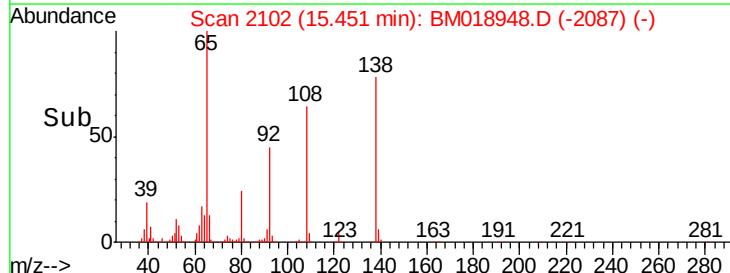
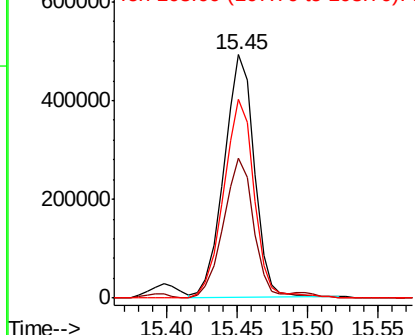


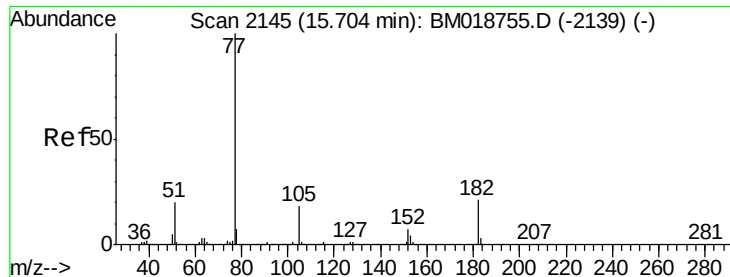
#62
4-Nitroaniline
Concen: 43.231 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion:138 Resp: 732779
Ion Ratio Lower Upper
138 100
92 57.6 35.5 75.5
108 81.9 62.4 102.4



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





#63

Azobenzene

Concen: 42.923 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

Tgt Ion: 77 Resp: 3353620

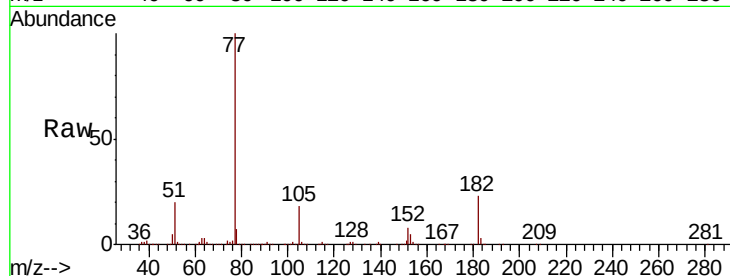
Ion Ratio Lower Upper

77 100

182 22.7 1.0 41.0

105 18.4 0.0 37.7

51 20.3 0.3 40.3

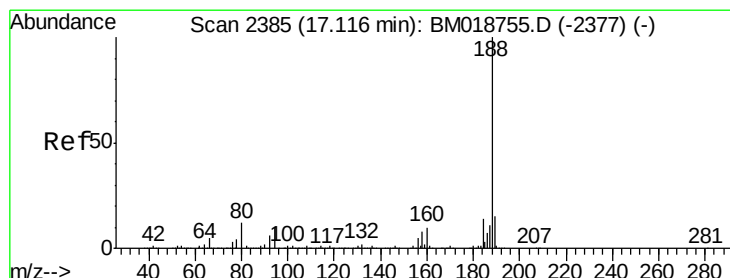
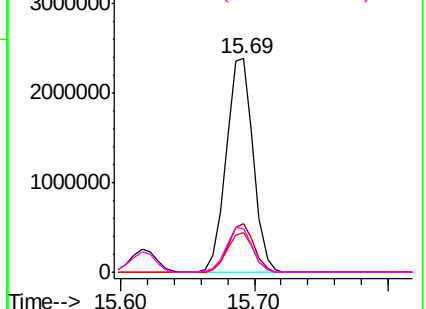
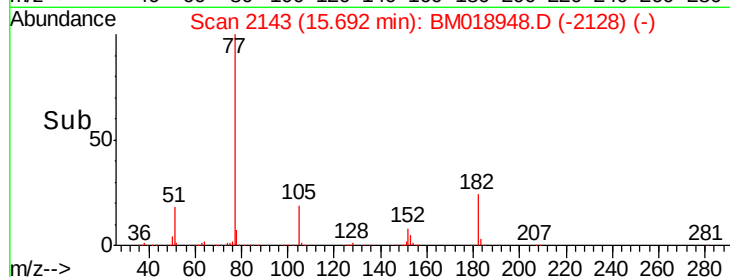


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

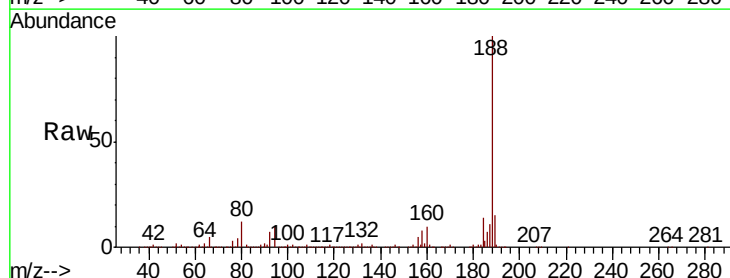
Tgt Ion: 188 Resp: 1941456

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

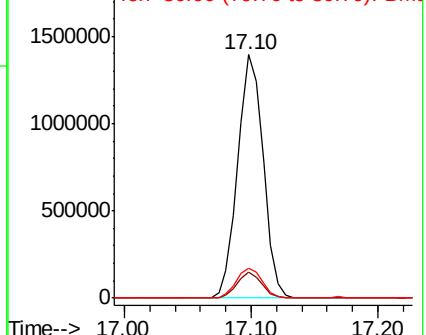
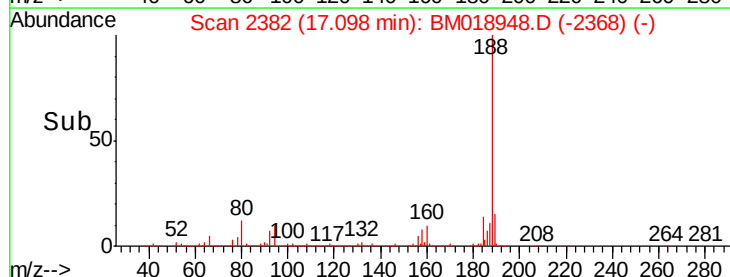
80 12.5 9.7 14.5

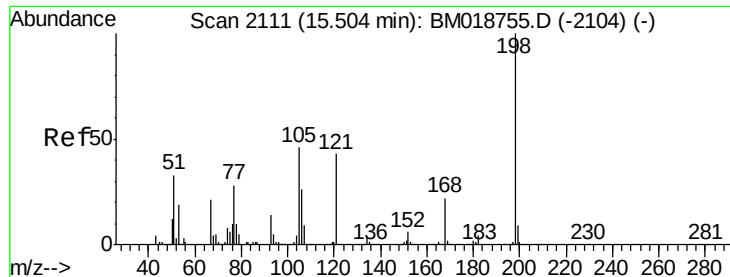


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

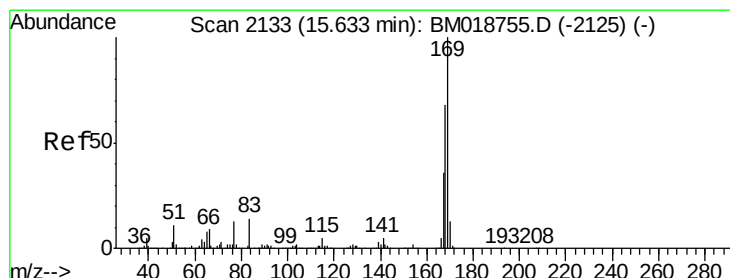
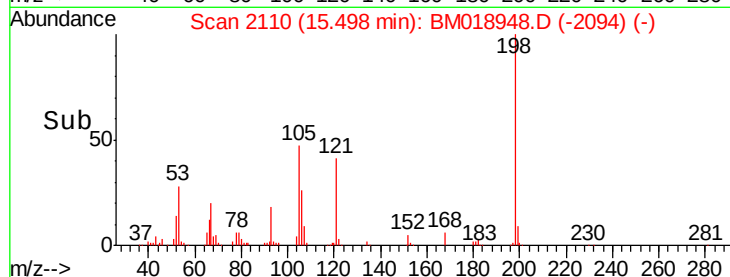
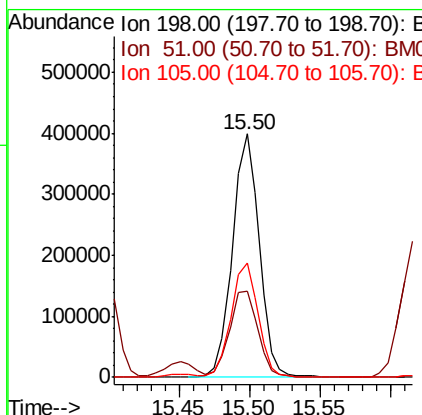
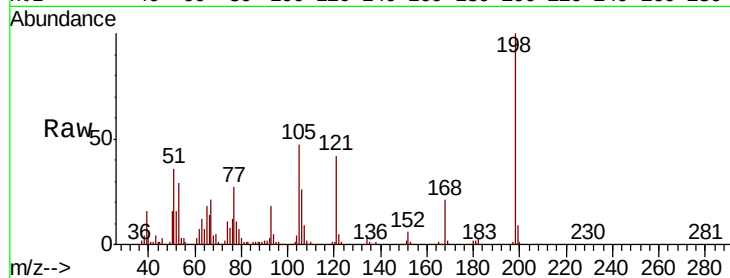




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.697 ng
 RT: 15.50 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

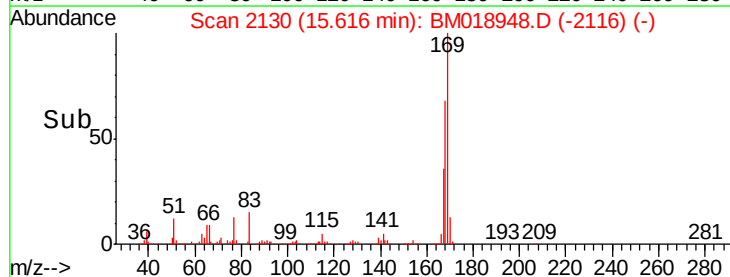
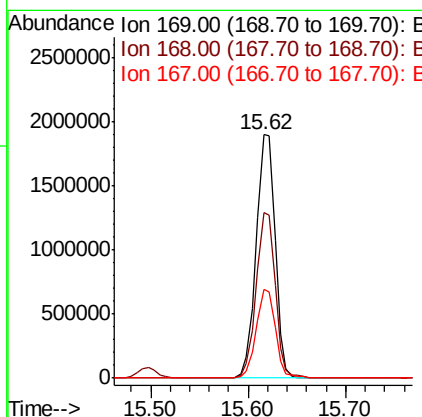
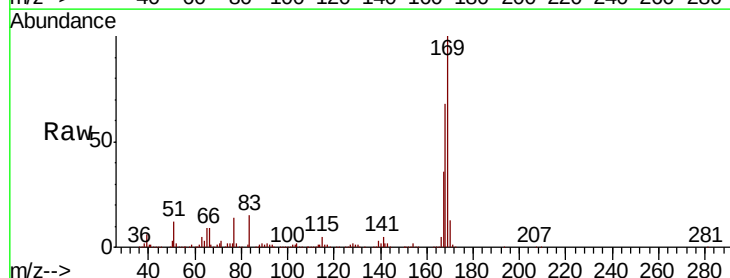
Instrument :
 BNA_M
 ClientSampleID :
 PB117349BS

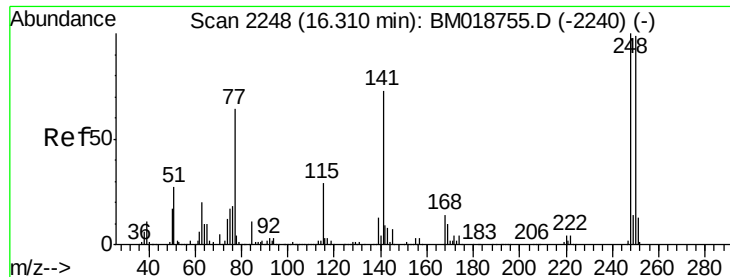
Tgt Ion:198 Resp: 527490
 Ion Ratio Lower Upper
 198 100
 51 35.5 18.4 58.4
 105 47.1 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 41.940 ng
 RT: 15.62 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Tgt Ion:169 Resp: 2572559
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.4 81.6
 167 36.2 29.0 43.6

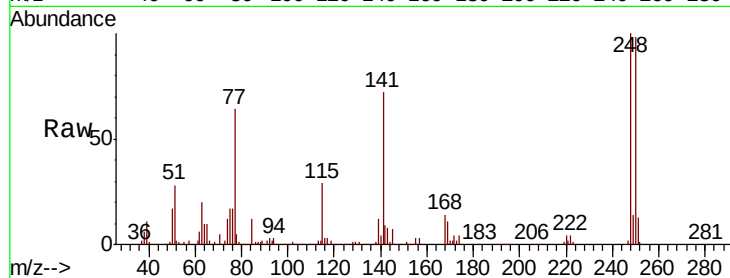




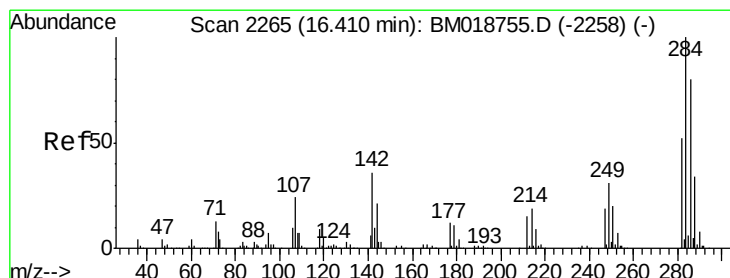
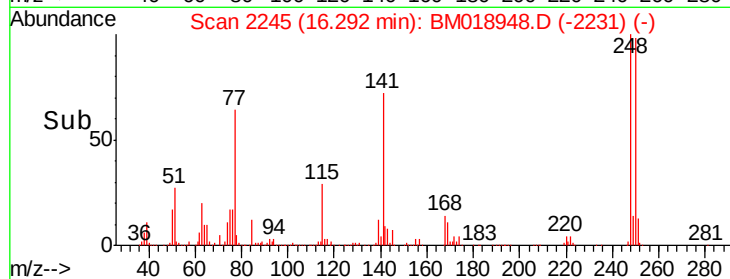
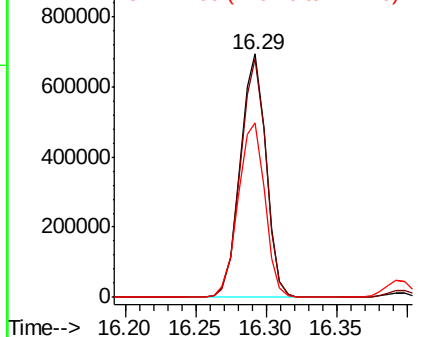
#67
 4-Bromophenyl-phenylether
 Concen: 40.626 ng
 RT: 16.29 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BS

Tgt Ion:248 Resp: 882859
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.0 118.6
 141 71.9 58.6 88.0

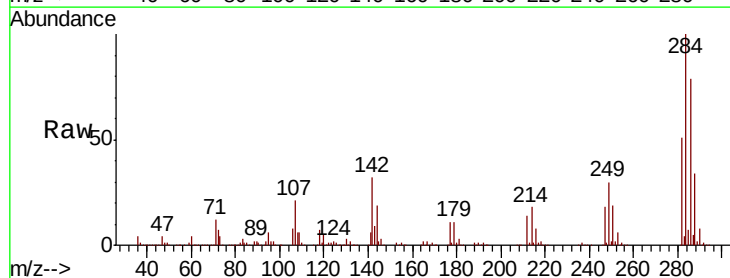


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

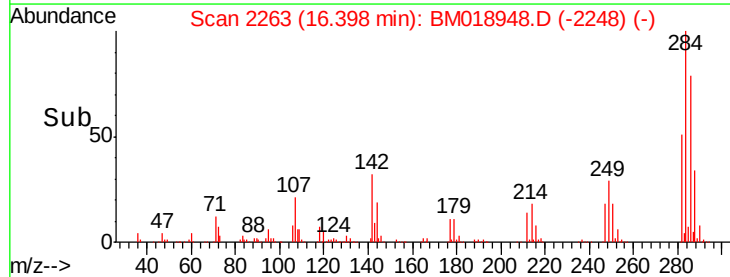
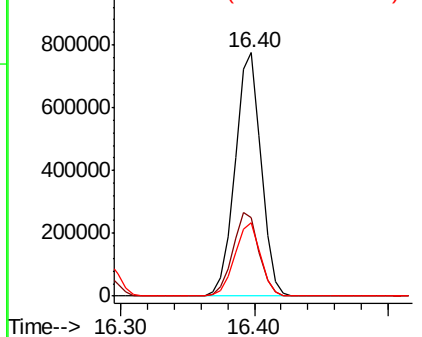


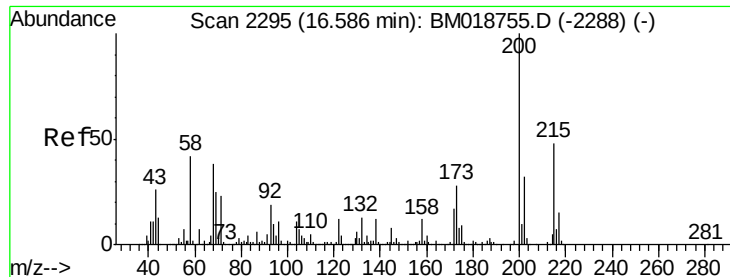
#68
 Hexachlorobenzene
 Concen: 41.381 ng
 RT: 16.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM018948.D
 Acq: 27 Feb 2019 14:19

Tgt Ion:284 Resp: 1045263
 Ion Ratio Lower Upper
 284 100
 142 32.1 28.9 43.3
 249 30.1 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 17.816 ng

RT: 16.57 min Scan# 2292

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

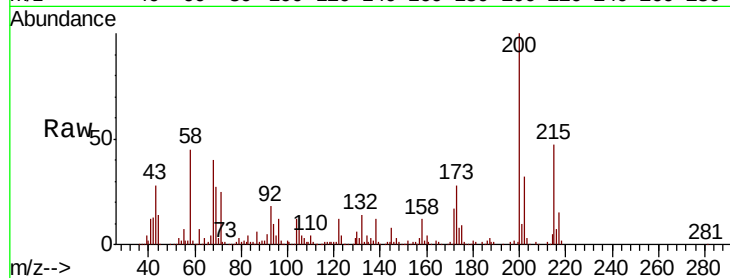
Tgt Ion:200 Resp: 352308

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

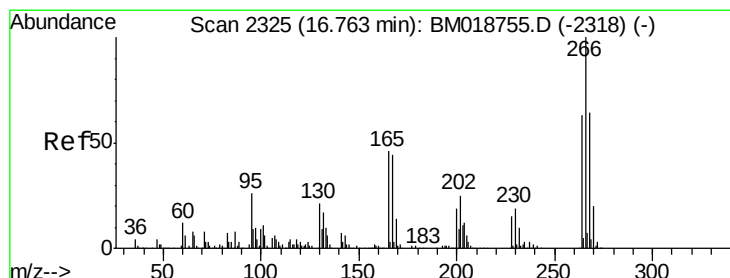
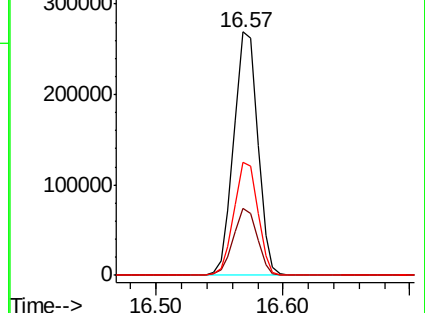
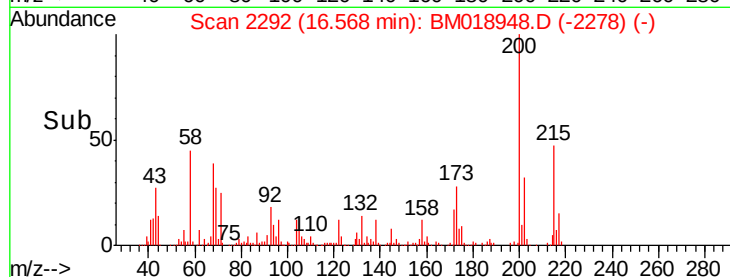
215 46.5 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.355 ng

RT: 16.75 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

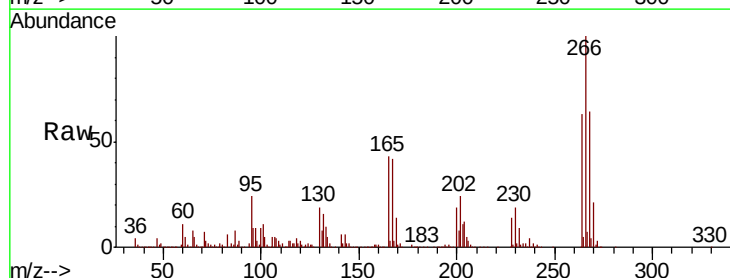
Tgt Ion:266 Resp: 1290630

Ion Ratio Lower Upper

266 100

268 64.4 51.3 76.9

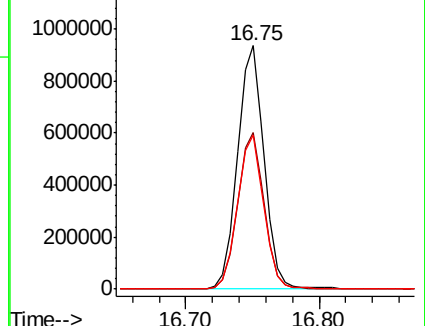
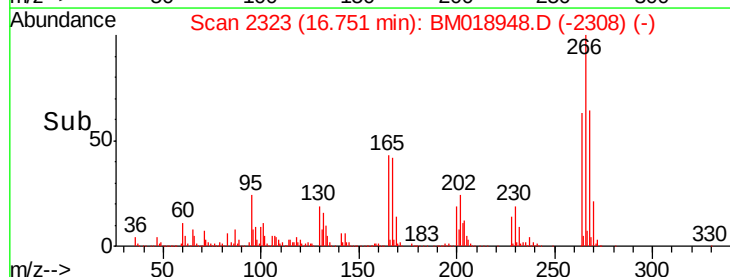
264 63.3 50.6 75.8

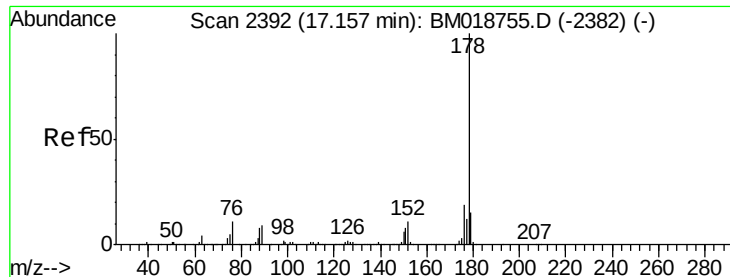


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.787 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

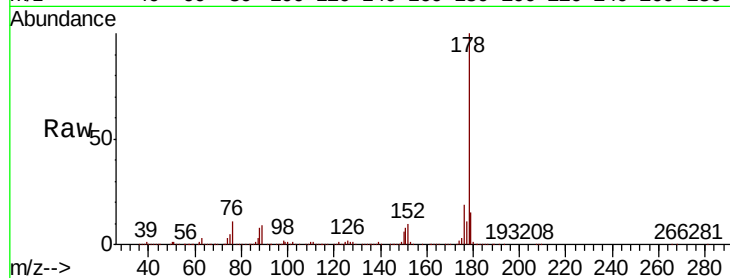
Tgt Ion:178 Resp: 4672952

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

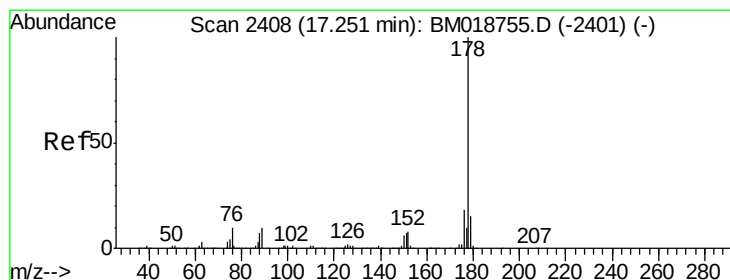
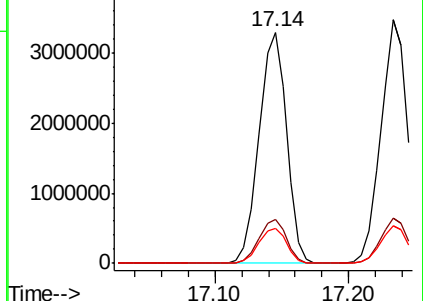
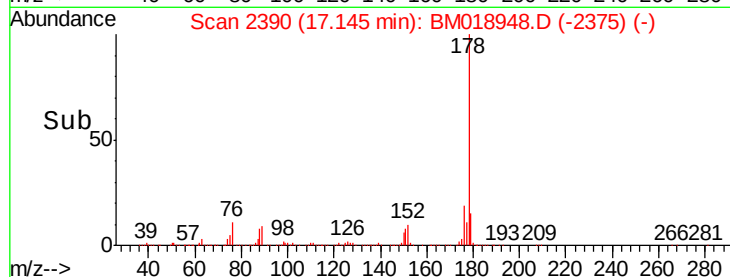
179 15.3 12.3 18.5



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: 46.798 ng

RT: 17.23 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

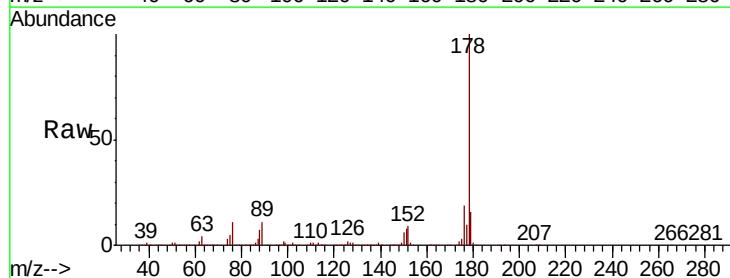
Tgt Ion:178 Resp: 4752563

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

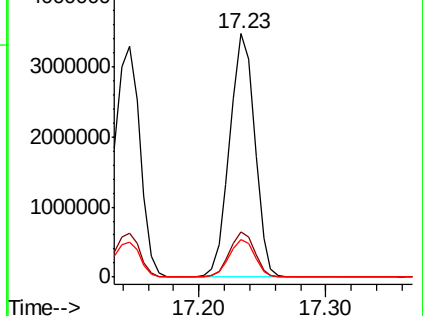
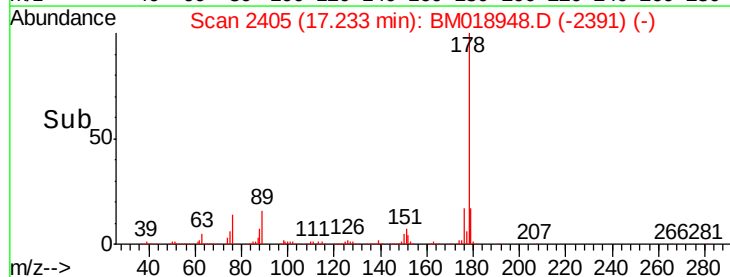
179 15.6 12.1 18.1

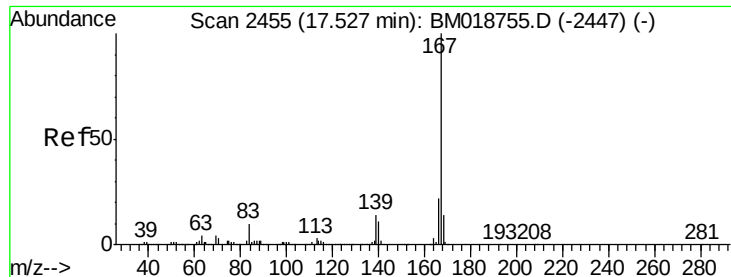


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.274 ng

RT: 17.51 min Scan# 2452

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

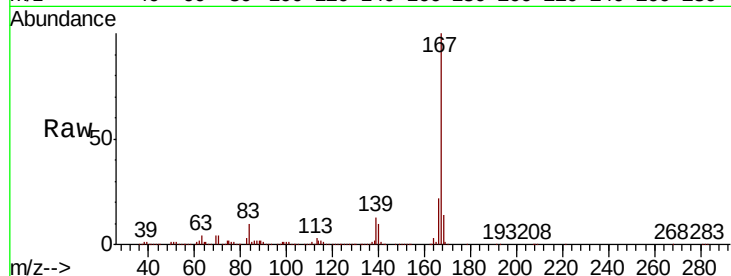
Tgt Ion:167 Resp: 4379130

Ion Ratio Lower Upper

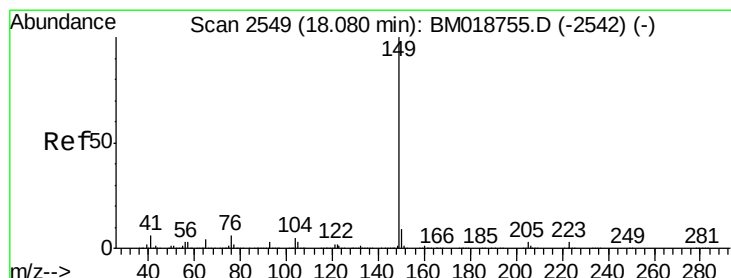
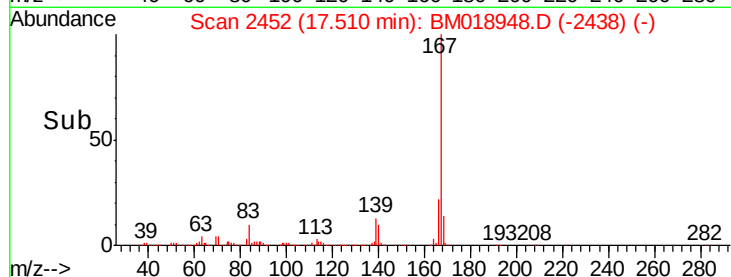
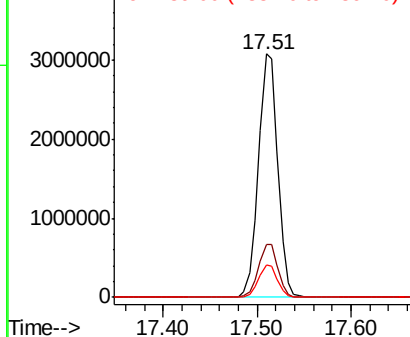
167 100

166 21.8 17.7 26.5

139 13.3 10.9 16.3



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



#74

Di-n-butylphthalate

Concen: 44.903 ng

RT: 18.06 min Scan# 2546

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

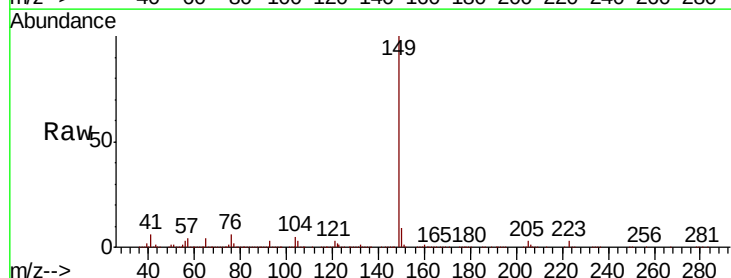
Tgt Ion:149 Resp: 5479215

Ion Ratio Lower Upper

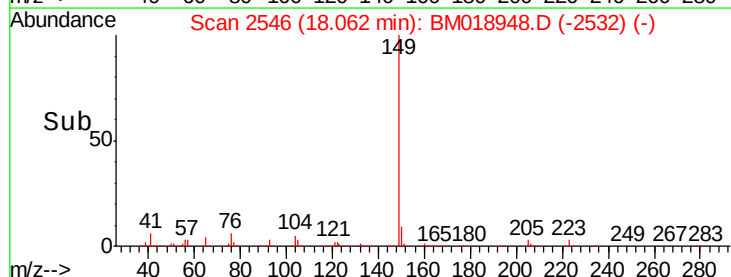
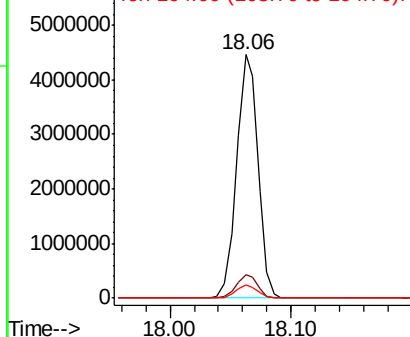
149 100

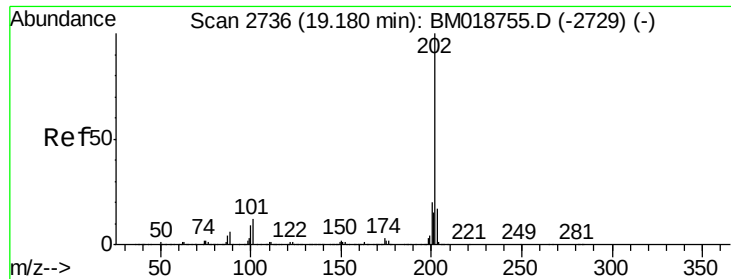
150 9.5 7.4 11.0

104 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.795 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

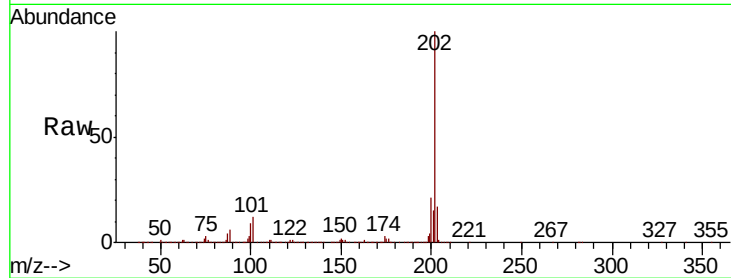
Tgt Ion:202 Resp: 5519366

Ion Ratio Lower Upper

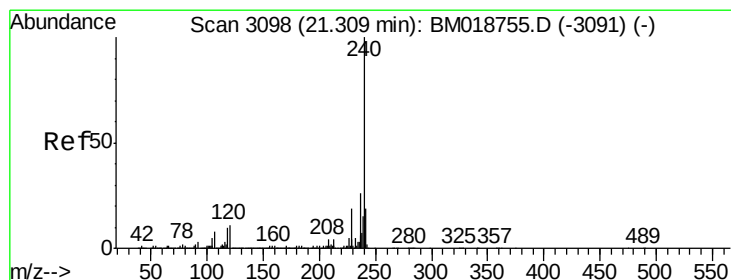
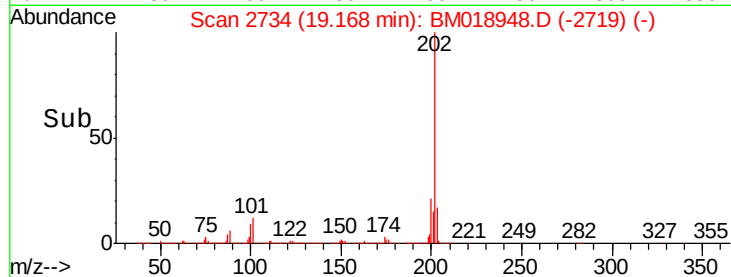
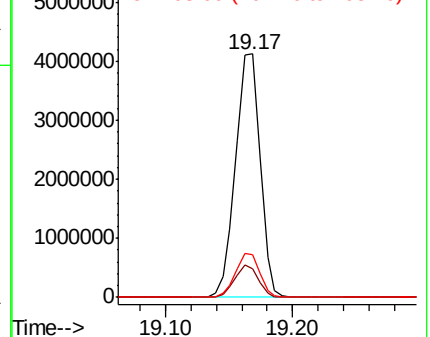
202 100

101 12.0 0.0 31.5

203 17.4 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

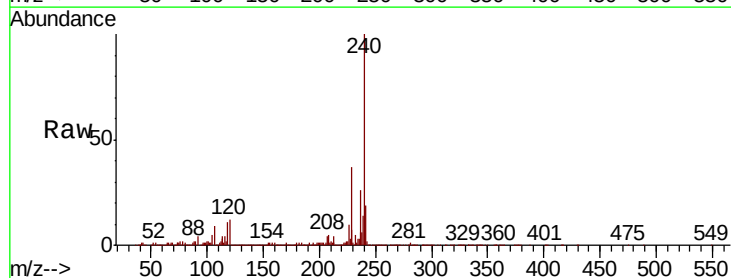
Tgt Ion:240 Resp: 2165120

Ion Ratio Lower Upper

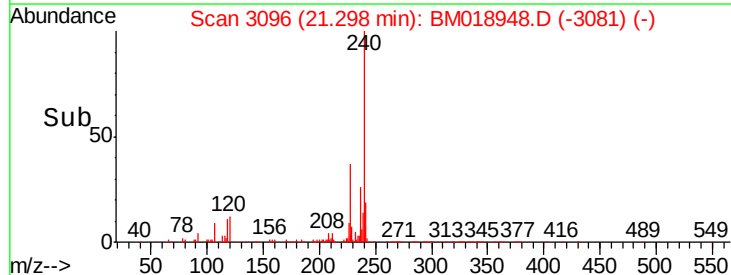
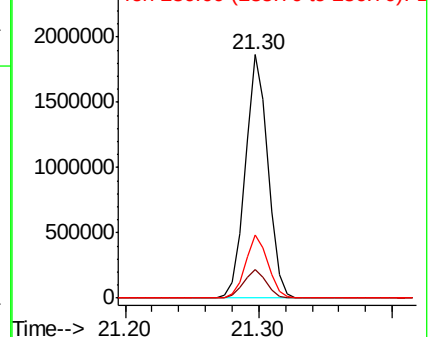
240 100

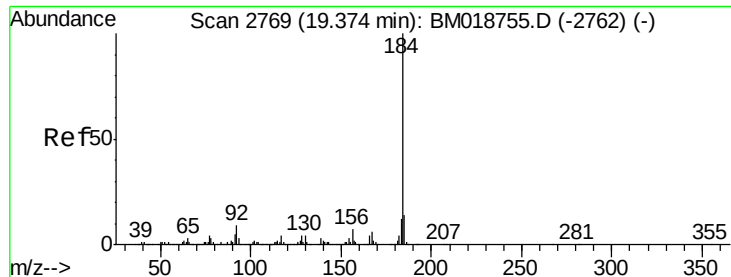
120 11.8 8.9 13.3

236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.446 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

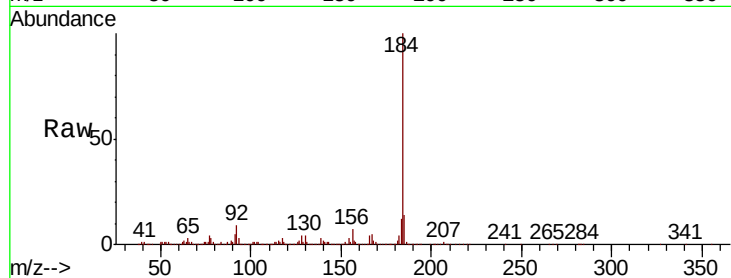
Tgt Ion:184 Resp: 3288785

Ion Ratio Lower Upper

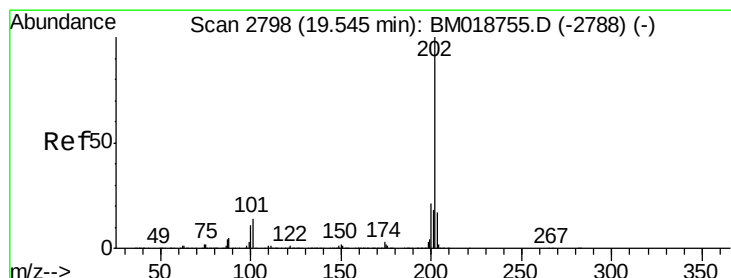
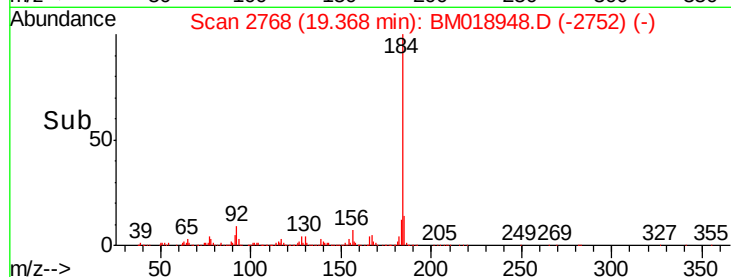
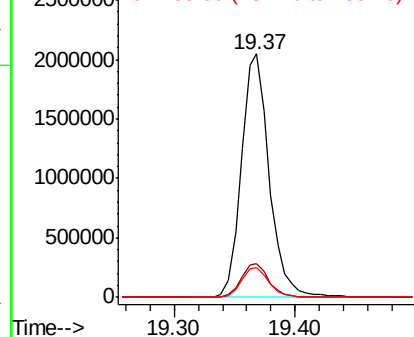
184 100

185 13.9 11.2 16.8

183 12.1 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.162 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

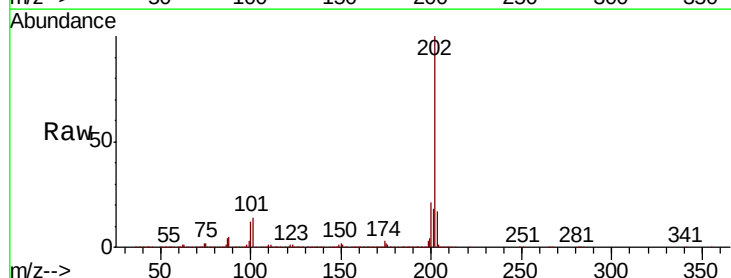
Tgt Ion:202 Resp: 5679062

Ion Ratio Lower Upper

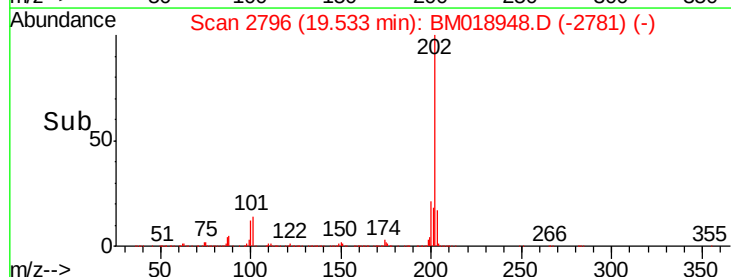
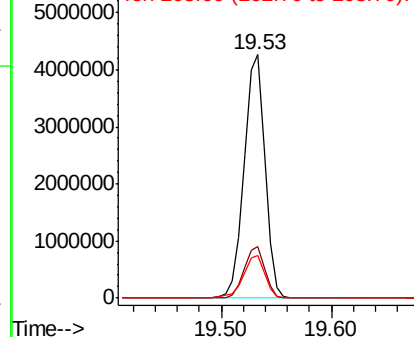
202 100

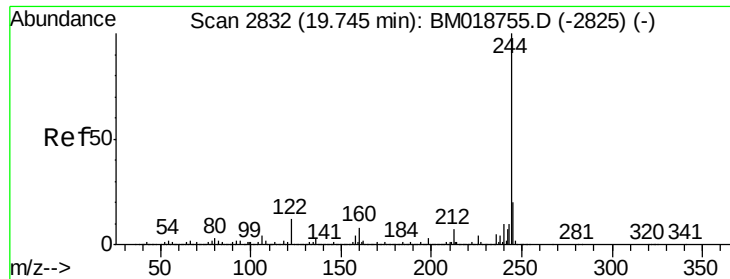
200 21.1 16.9 25.3

203 17.5 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: 79.483 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

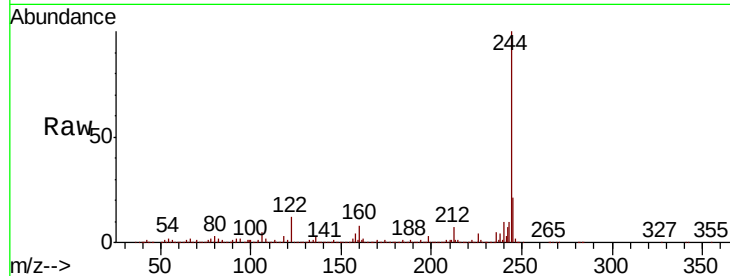
Tgt Ion:244 Resp: 8342119

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

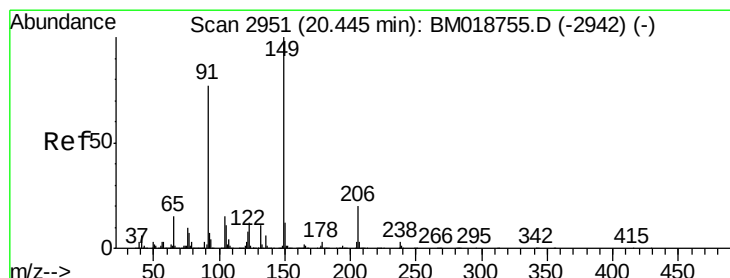
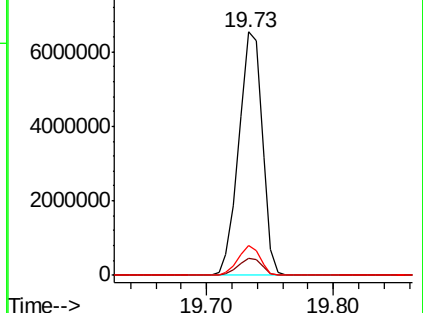
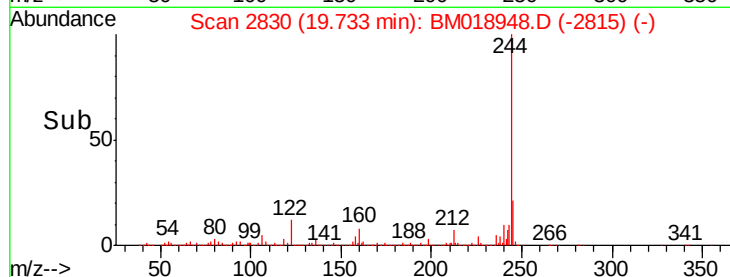
122 12.2 9.3 13.9



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: 48.162 ng

RT: 20.43 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

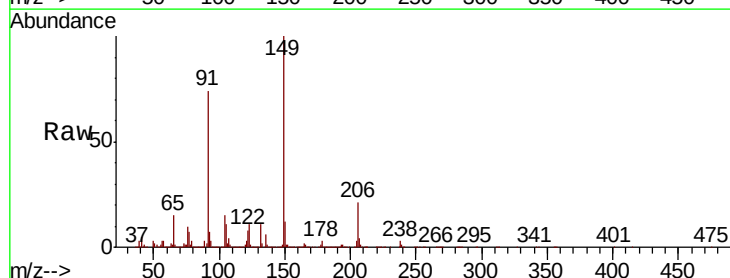
Tgt Ion:149 Resp: 2760107

Ion Ratio Lower Upper

149 100

91 74.2 61.4 92.0

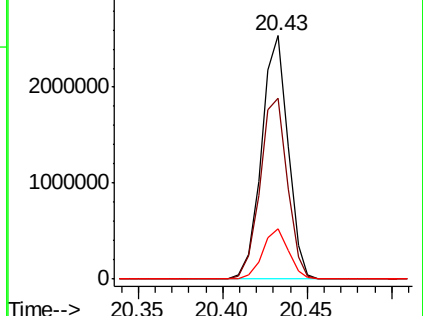
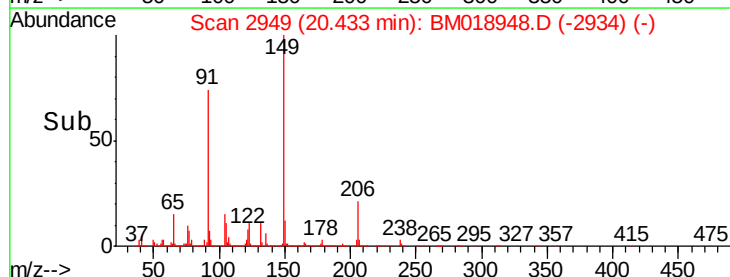
206 20.8 15.8 23.8

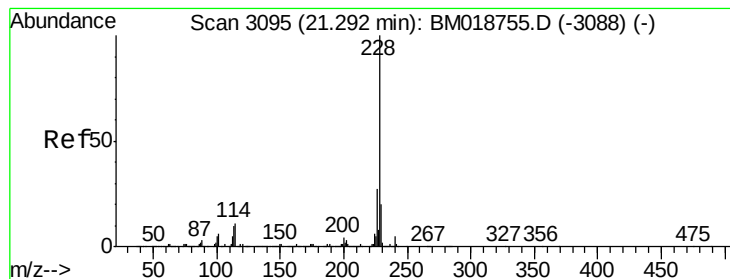


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.183 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

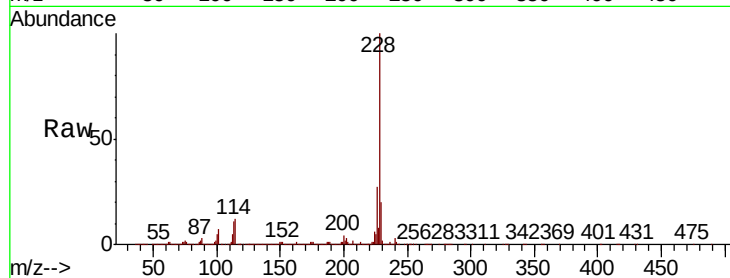
Tgt Ion:228 Resp: 5702455

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

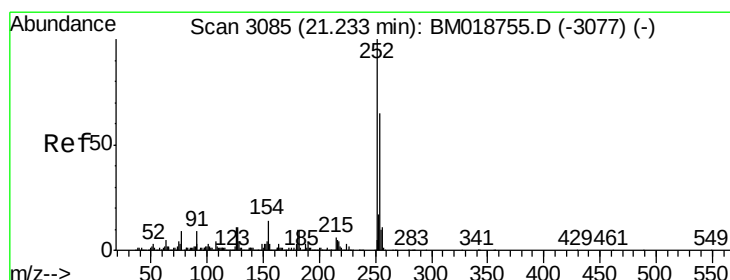
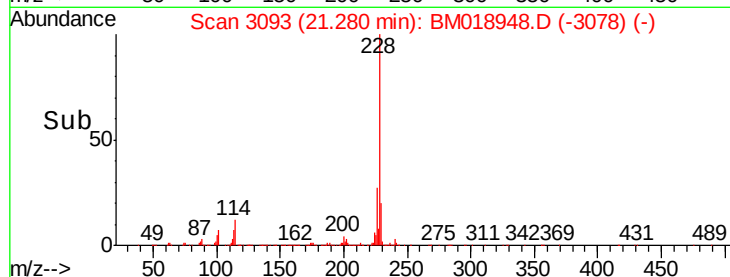
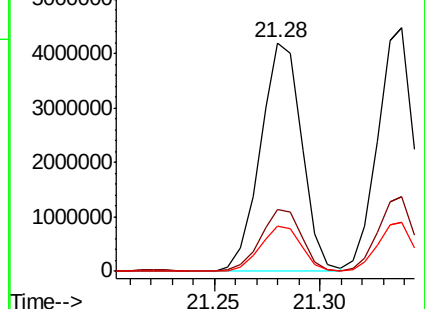
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.462 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

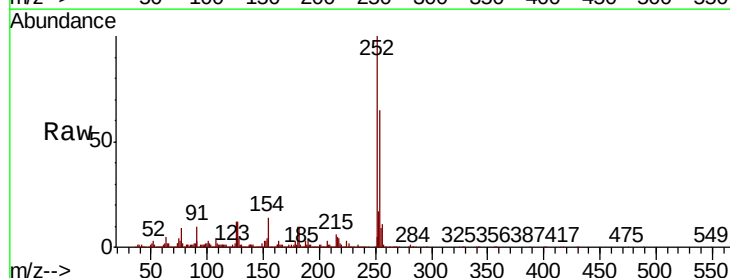
Tgt Ion:252 Resp: 2267630

Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.8

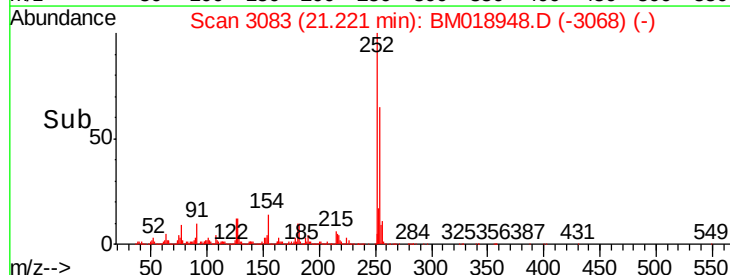
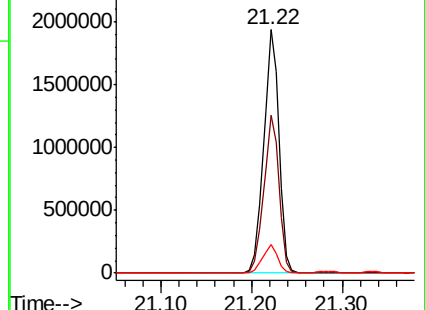
126 11.6 9.1 13.7

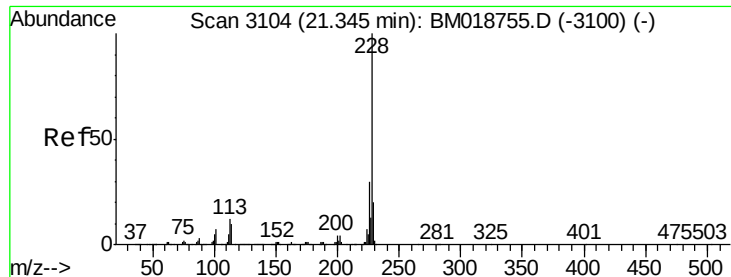


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.783 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

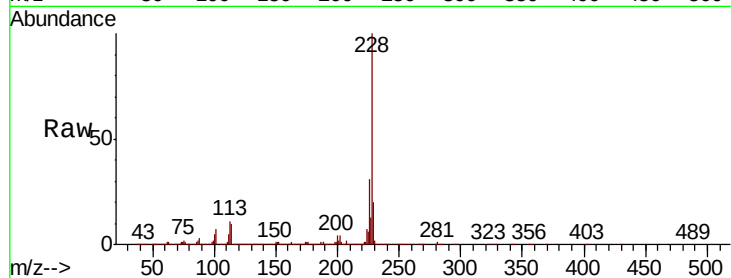
Tgt Ion:228 Resp: 5296388

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

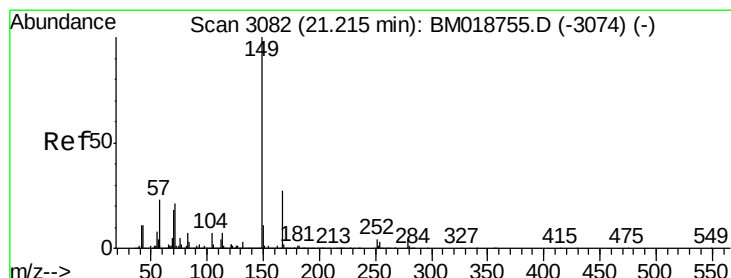
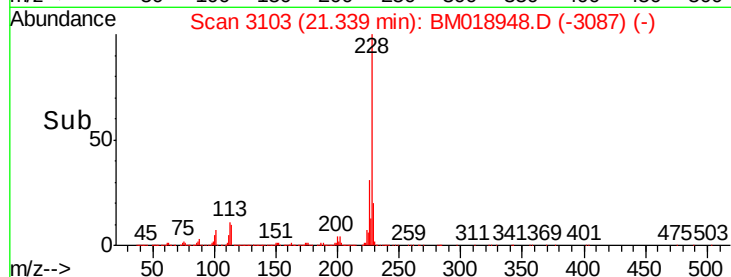
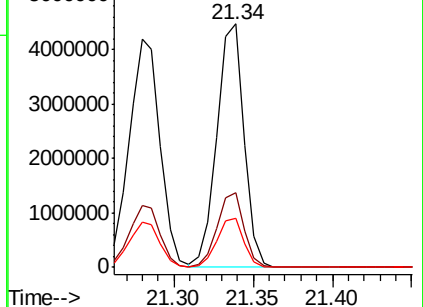
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.314 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

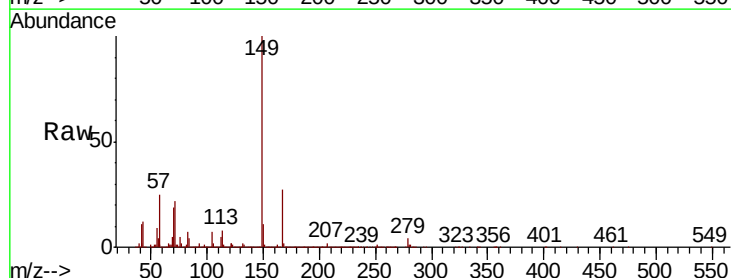
Tgt Ion:149 Resp: 4052473

Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

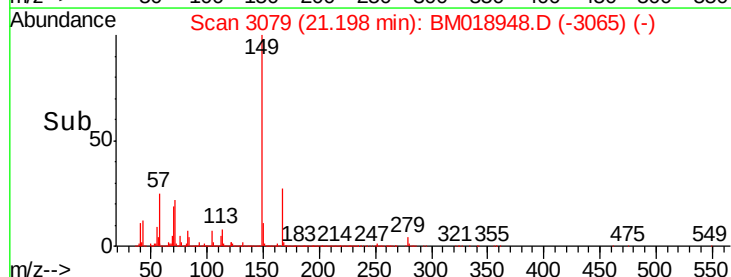
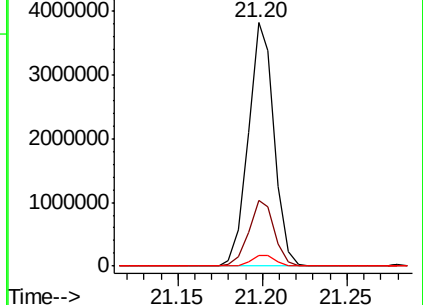
279 4.2 3.6 5.4

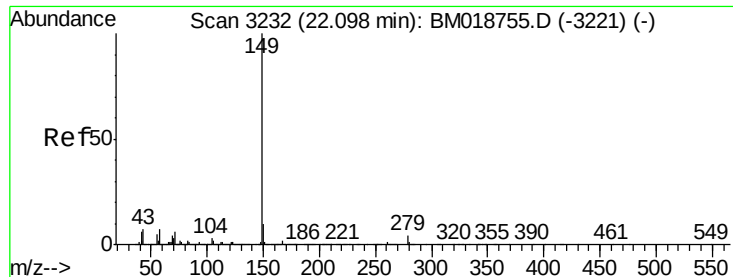


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.906 ng

RT: 22.08 min Scan# 3229

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

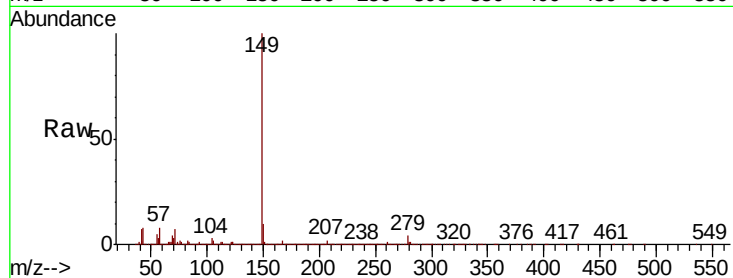
Tgt Ion:149 Resp: 6894381

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

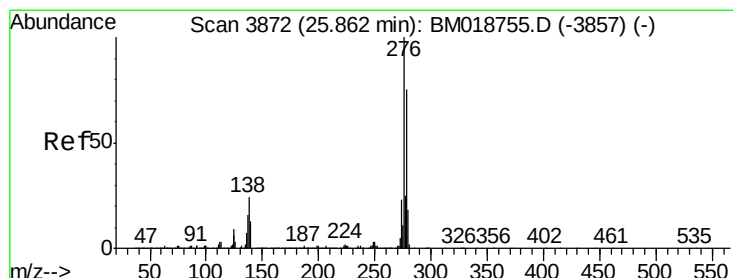
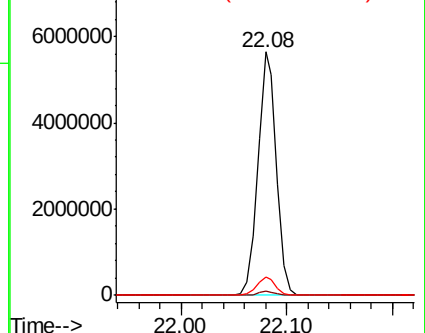
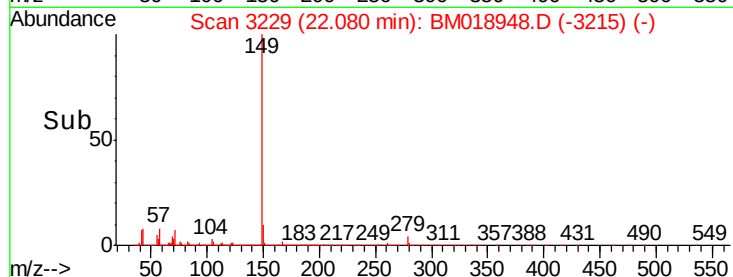
43 7.6 6.0 9.0



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: 36.992 ng

RT: 25.84 min Scan# 3869

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

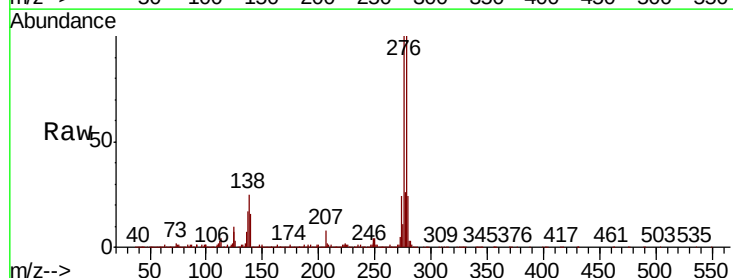
Tgt Ion:276 Resp: 5166534

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.4

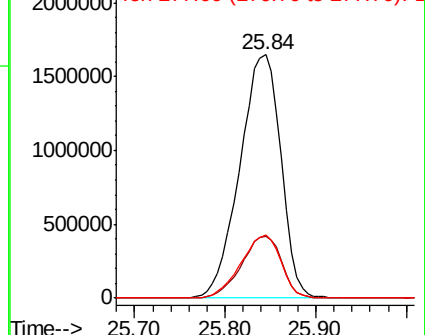
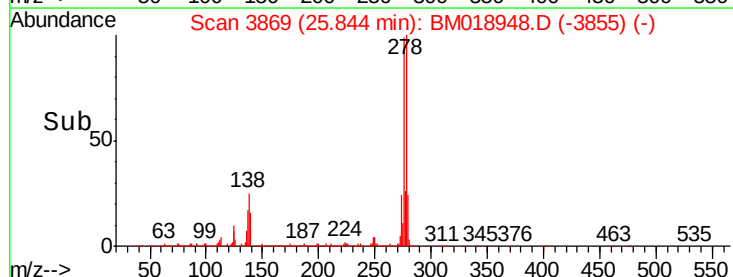
277 25.4 20.3 30.5

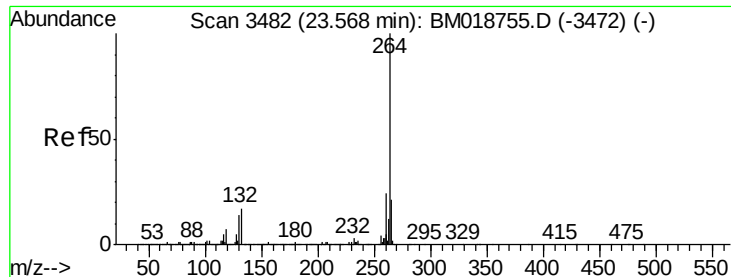


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

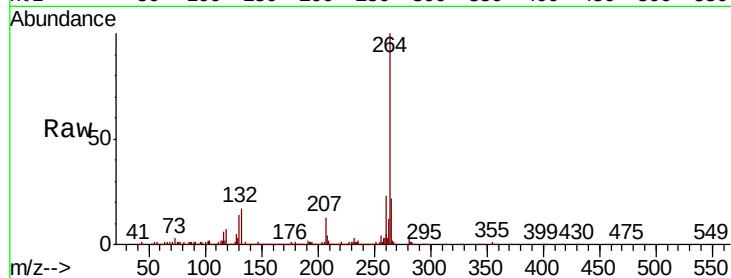
Tgt Ion:264 Resp: 1754220

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

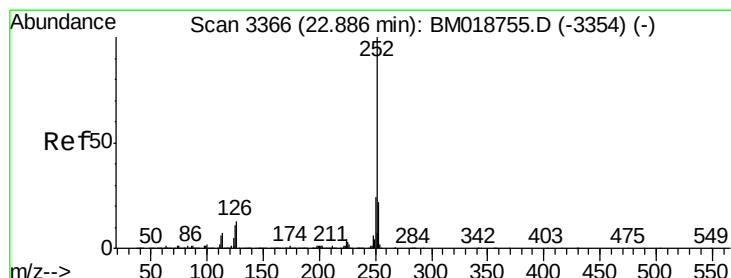
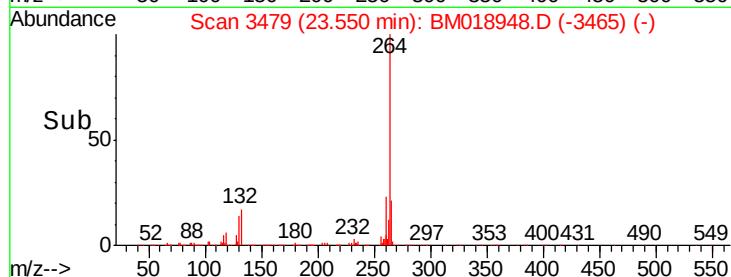
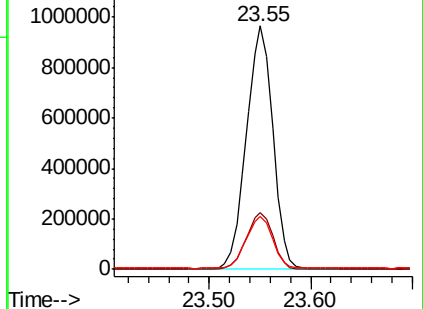
265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.206 ng

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

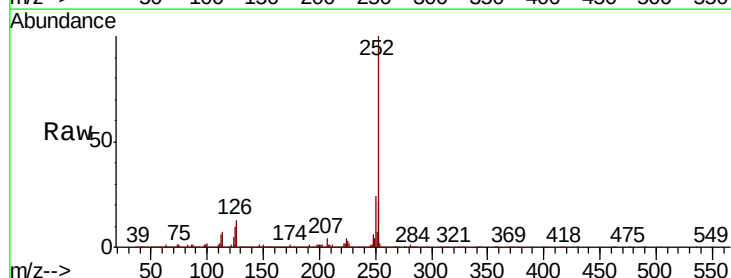
Tgt Ion:252 Resp: 5340007

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

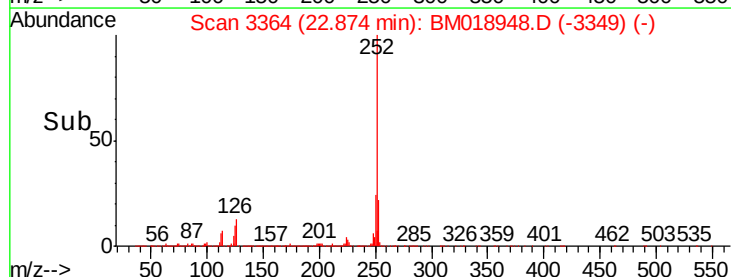
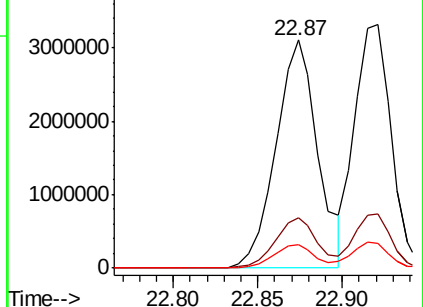
125 10.4 8.6 12.8

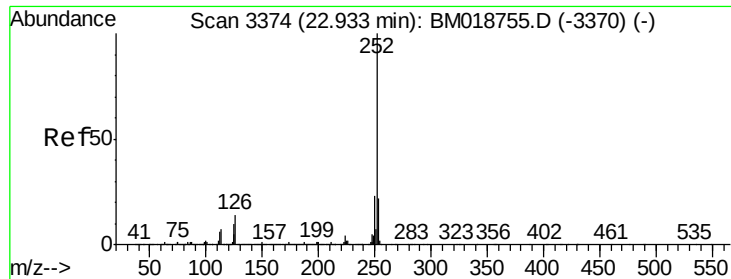


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.595 ng

RT: 22.92 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB117349BS

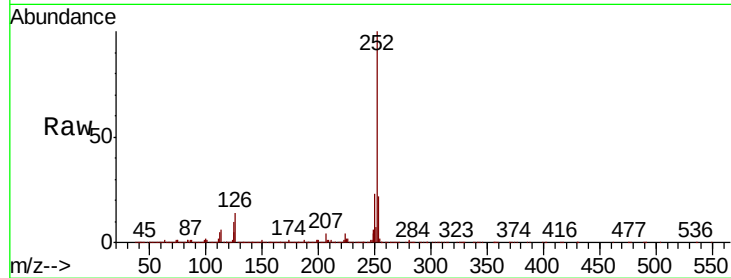
Tgt Ion:252 Resp: 4955559

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.2 8.2 12.4

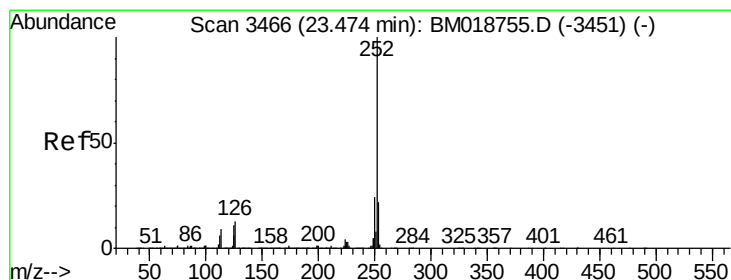
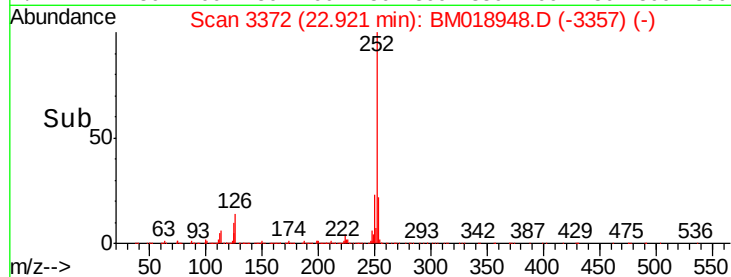
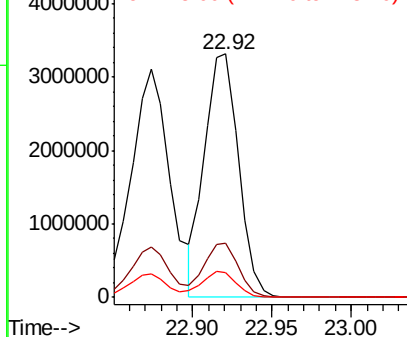


Abundance

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



#90

Benzo(a)pyrene

Concen: 50.630 ng

RT: 23.46 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BM018948.D

Acq: 27 Feb 2019 14:19

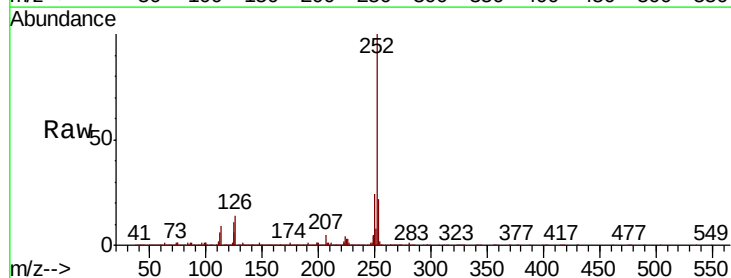
Tgt Ion:252 Resp: 4813872

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 11.3 8.6 13.0

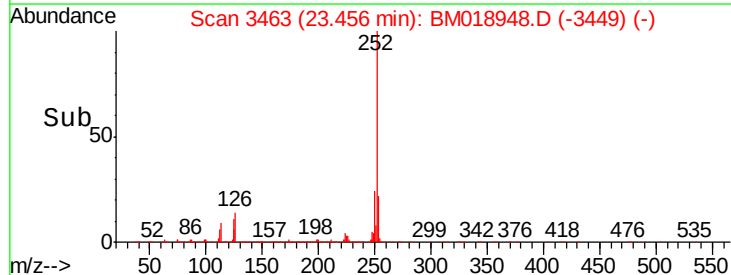
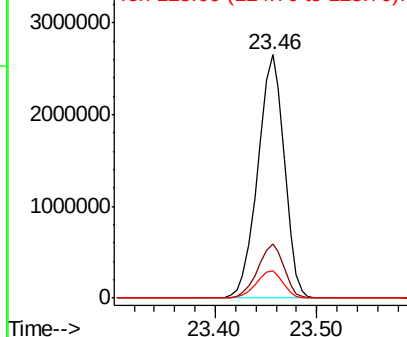


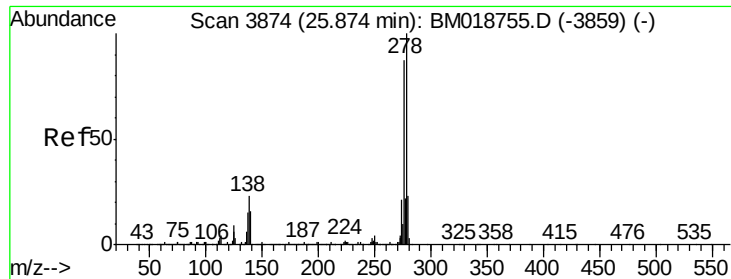
Abundance

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

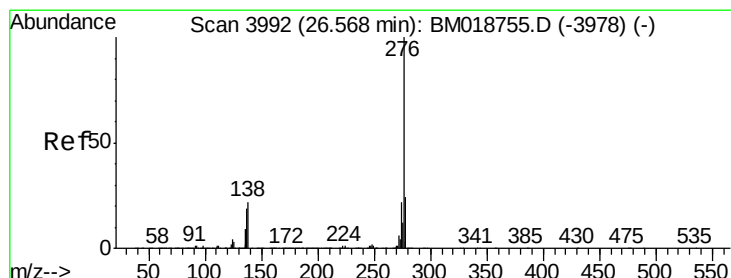
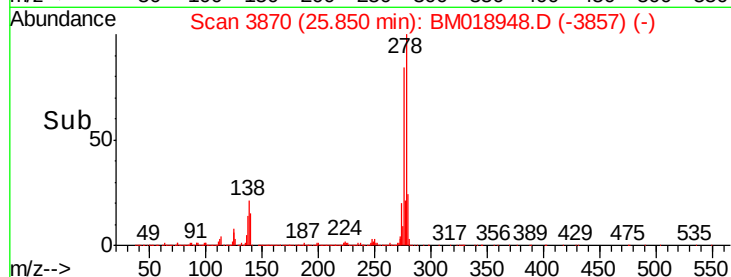
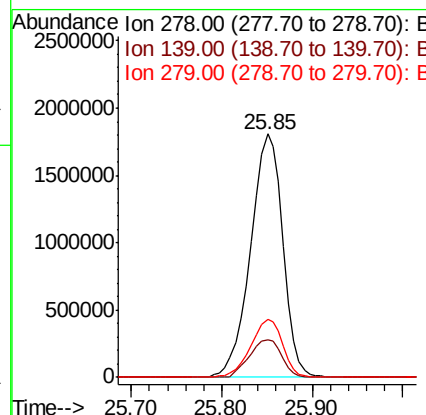
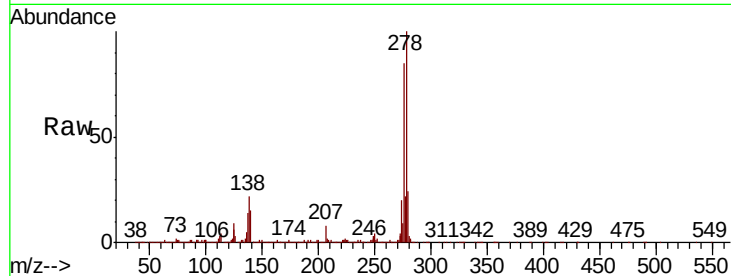




#91
Dibenzo(a,h)anthracene
Concen: 47.461 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.02 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Tgt Ion:278 Resp: 4470751
Ion Ratio Lower Upper
278 100
139 15.5 12.6 18.8
279 23.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 46.913 ng
RT: 26.54 min Scan# 3987
Delta R.T. -0.03 min
Lab File: BM018948.D
Acq: 27 Feb 2019 14:19

Tgt Ion:276 Resp: 4114106
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 21.5 17.3 25.9

