

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022019\
 Data File : BM018885.D
 Acq On : 20 Feb 2019 16:02
 Operator : JU/SJ
 Sample : PB117235BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Quant Time: Feb 21 00:44:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	246994	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1045718	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	620642	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1414210	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1572349	20.00	ng	0.00
87) Perylene-d12	23.56	264	1480522	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1206606	80.04	ng	-0.01
7) Phenol-d6	6.88	99	1751335	82.47	ng	0.00
23) Nitrobenzene-d5	8.87	82	1868001	82.60	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	737484	82.43	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3740207	80.00	ng	-0.01
79) Terphenyl-d14	19.74	244	6931549	90.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	263053	40.065	ng	99
3) Pyridine	3.65	79	822663	45.935	ng	99
4) n-Nitrosodimethylamine	3.57	42	236690	51.951	ng	94
6) Aniline	7.05	93	1193327	45.862	ng	99
8) 2-Chlorophenol	7.27	128	727310	43.945	ng	98
9) Benzaldehyde	6.86	77	464620	40.047	ng	99
10) Phenol	6.90	94	988154	44.223	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	720370	42.262	ng	99
12) 1,3-Dichlorobenzene	7.59	146	768448	41.291	ng	99
13) 1,4-Dichlorobenzene	7.74	146	791913	41.798	ng	99
14) 1,2-Dichlorobenzene	8.05	146	767357	42.165	ng	98
15) Benzyl Alcohol	7.95	79	748548	44.361	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	721516	43.735	ng	98
17) 2-Methylphenol	8.15	107	636181	44.733	ng	97
18) Hexachloroethane	8.76	117	292303	42.264	ng	97
19) n-Nitroso-di-n-propylamine	8.51	70	710519	43.211	ng	99
20) 3+4-Methylphenols	8.47	107	877737	44.695	ng	99
22) Acetophenone	8.53	105	1187628	41.356	ng	99
24) Nitrobenzene	8.92	77	1004313	42.782	ng	99
25) Isophorone	9.43	82	1789058	49.578	ng	100
26) 2-Nitrophenol	9.62	139	405121	43.335	ng	99
27) 2,4-Dimethylphenol	9.67	122	666487	48.812	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1024063	43.885	ng	100
29) 2,4-Dichlorophenol	10.14	162	688821	43.935	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	743725	41.076	ng	98
31) Naphthalene	10.54	128	2313867	45.369	ng	100
32) Benzoic acid	9.83	122	468060	39.297	ng	94
33) 4-Chloroaniline	10.67	127	1018878	44.692	ng	99
34) Hexachlorobutadiene	10.80	225	400639	38.121	ng	99
35) Caprolactam	11.48	113	180978	28.284	ng	96
36) 4-Chloro-3-methylphenol	11.79	107	833249	44.080	ng	100
37) 2-Methylnaphthalene	12.16	142	1707740	47.559	ng	100
38) 1-Methylnaphthalene	12.38	142	1618705	46.100	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	800694	40.330	ng	99

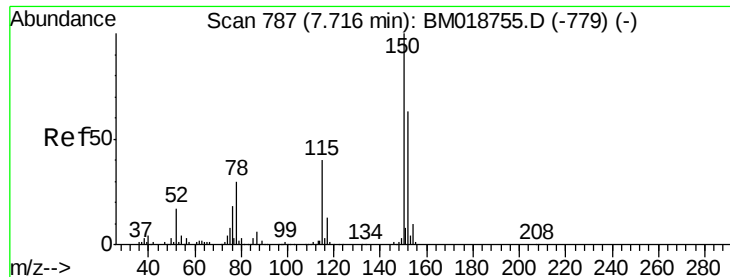
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022019\
 Data File : BM018885.D
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 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	928807	91.502	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	564576	42.956	ng	100
44) 2,4,5-Trichlorophenol	12.85	196	602442	43.732	ng	97
46) 1,1'-Biphenyl	13.18	154	2170543	40.629	ng	99
47) 2-Chloronaphthalene	13.22	162	1703991	41.295	ng	99
48) 2-Nitroaniline	13.44	65	613176	44.743	ng	96
49) Acenaphthylene	14.07	152	2806631	45.679	ng	99
50) Dimethylphthalate	13.82	163	2175820	42.066	ng	100
51) 2,6-Dinitrotoluene	13.94	165	487773	43.533	ng	97
52) Acenaphthene	14.42	154	1595285	42.343	ng	100
53) 3-Nitroaniline	14.28	138	522738	41.291	ng	96
54) 2,4-Dinitrophenol	14.49	184	473644	67.584	ng	99
55) Dibenzofuran	14.76	168	2624960	42.390	ng	99
56) 4-Nitrophenol	14.59	139	834147	82.538	ng	99
57) 2,4-Dinitrotoluene	14.74	165	691937	44.821	ng	98
58) Fluorene	15.40	166	2150739	45.399	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	551896	45.324	ng	98
60) Diethylphthalate	15.19	149	2256349	42.289	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1055999	39.757	ng	97
62) 4-Nitroaniline	15.45	138	507713	40.907	ng	98
63) Azobenzene	15.69	77	2453588	42.889	ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	355696	35.823	ng	97
66) n-Nitrosodiphenylamine	15.62	169	1870941	41.874	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	625183	39.494	ng	98
68) Hexachlorobenzene	16.40	284	735450	39.971	ng	99
69) Atrazine	16.58	200	620770	43.096	ng	100
70) Pentachlorophenol	16.75	266	955333	80.639	ng	99
71) Phenanthrene	17.15	178	3400919	44.748	ng	100
72) Anthracene	17.24	178	3489312	47.169	ng	100
73) Carbazole	17.52	167	3177052	41.108	ng	100
74) Di-n-butylphthalate	18.07	149	3946361	44.399	ng	100
75) Fluoranthene	19.17	202	4023056	45.825	ng	98
77) Benzidine	19.37	184	3869262	109.266	ng	100
78) Pyrene	19.53	202	4154151	45.490	ng	100
80) Butylbenzylphthalate	20.44	149	1940249	46.620	ng	100
81) Benzo(a)anthracene	21.29	228	4169663	45.493	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	1546714	42.699	ng	100
83) Chrysene	21.34	228	3863580	43.979	ng	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	2819086	46.280	ng	99
85) Di-n-octyl phthalate	22.09	149	4874479	47.613	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	4055860	39.988	ng	99
88) Benzo(b)fluoranthene	22.88	252	3991571	47.122	ng	99
89) Benzo(k)fluoranthene	22.92	252	4060755	48.153	ng	99
90) Benzo(a)pyrene	23.46	252	3778310	47.085	ng	99
91) Dibenzo(a,h)anthracene	25.86	278	3502159	44.052	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3230308	43.645	ng	99

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

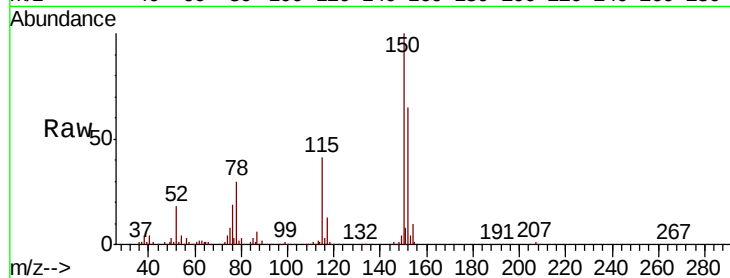


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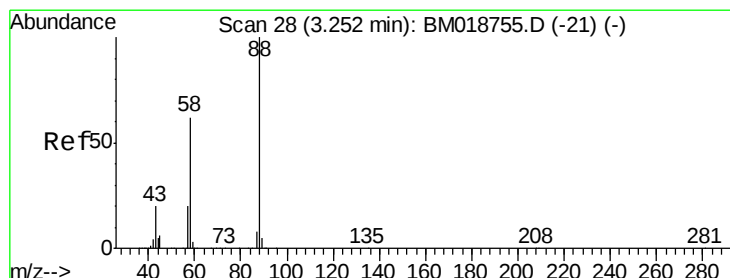
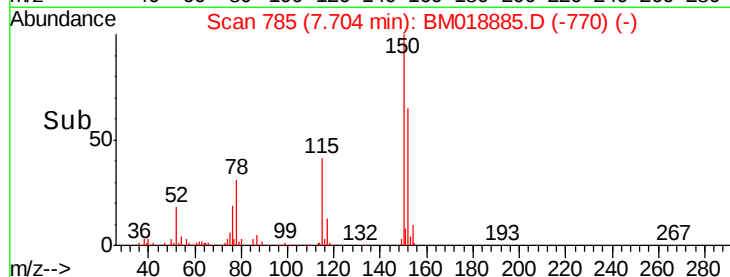
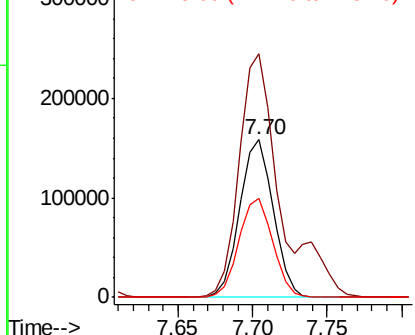
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tgt Ion:152 Resp: 246994
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.3 190.9
 115 63.1 50.8 76.2



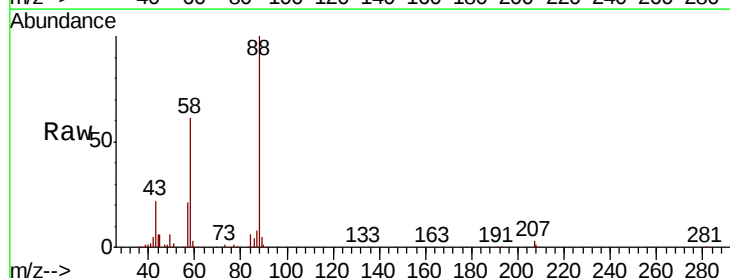
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



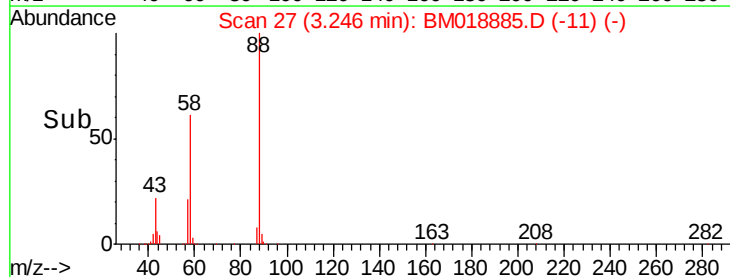
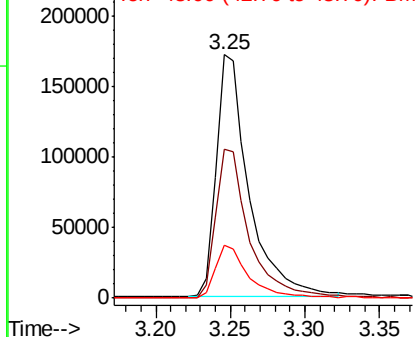
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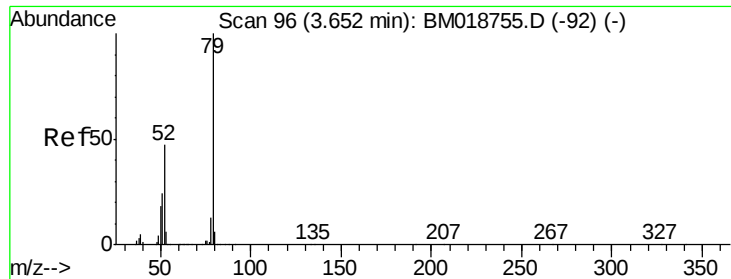
1,4-Dioxane
 Concen: 40.065 ng
 RT: 3.25 min Scan# 27
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion: 88 Resp: 263053
 Ion Ratio Lower Upper
 88 100
 58 63.0 49.8 74.6
 43 21.6 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

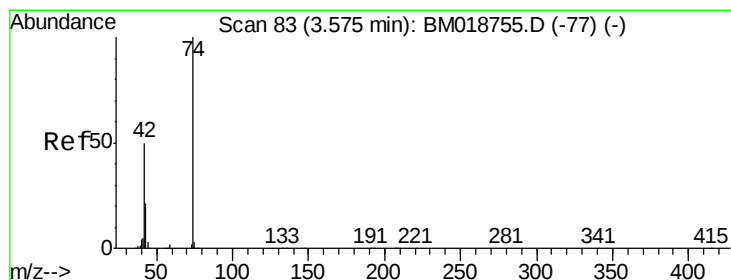
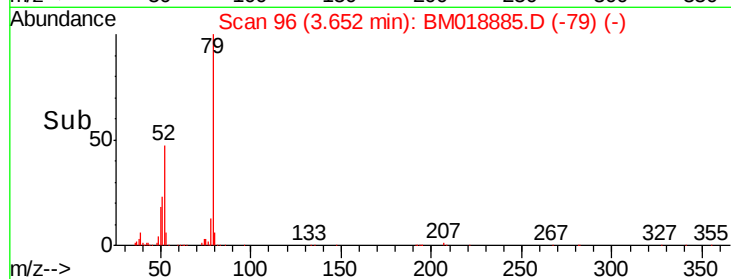
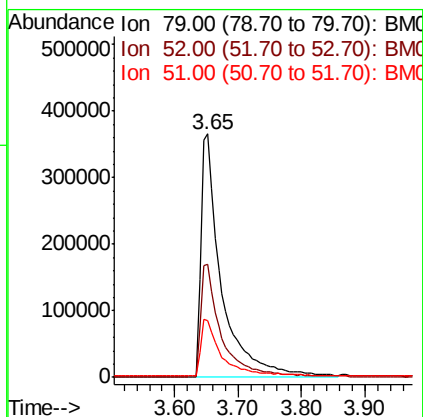
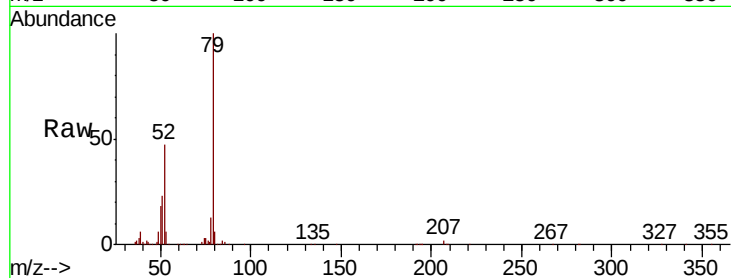




#3
 Pyridine
 Concen: 45.935 ng
 RT: 3.65 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

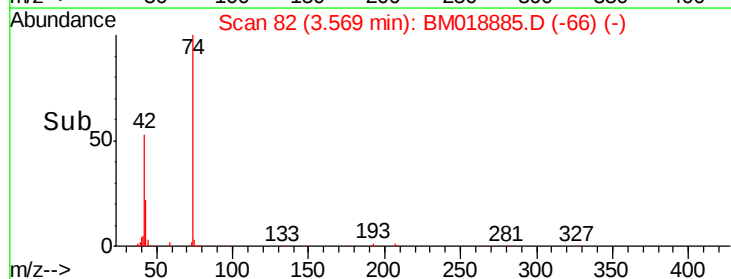
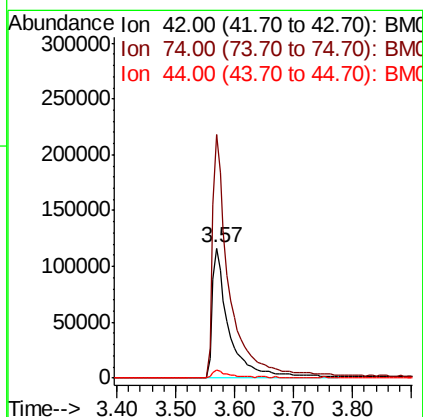
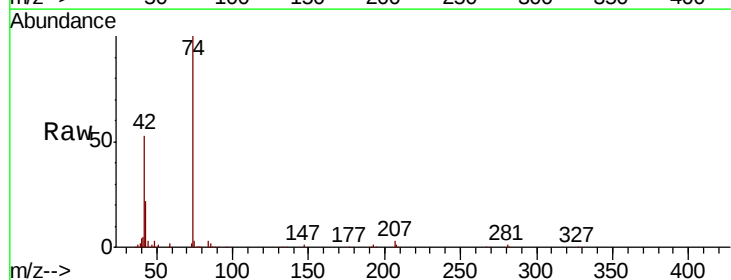
Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

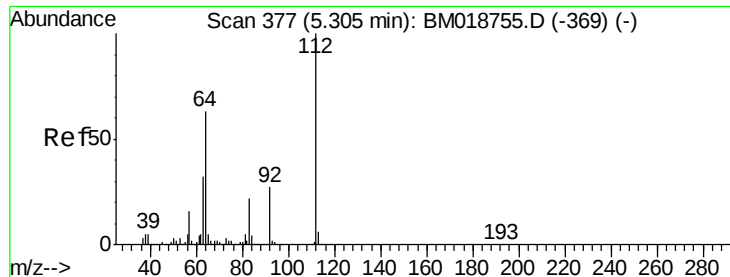
Tgt Ion: 79 Resp: 822663
 Ion Ratio Lower Upper
 79 100
 52 46.5 37.6 56.4
 51 23.5 19.7 29.5



#4
 n-Nitrosodimethylamine
 Concen: 51.951 ng
 RT: 3.57 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion: 42 Resp: 236690
 Ion Ratio Lower Upper
 42 100
 74 187.6 158.1 237.1
 44 6.3 4.9 7.3





#5

2-Fluorophenol

Concen: 80.042 ng

RT: 5.29 min Scan# 375

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

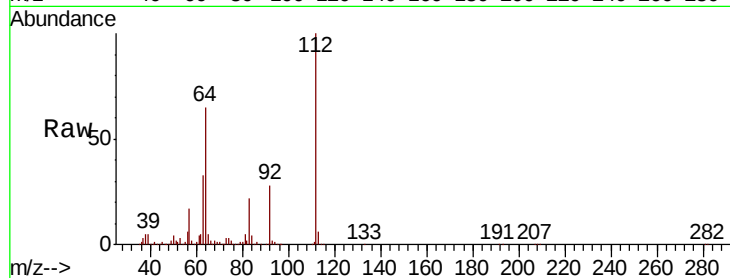
Tgt Ion: 112 Resp: 1206606

Ion Ratio Lower Upper

112 100

64 64.5 50.6 75.8

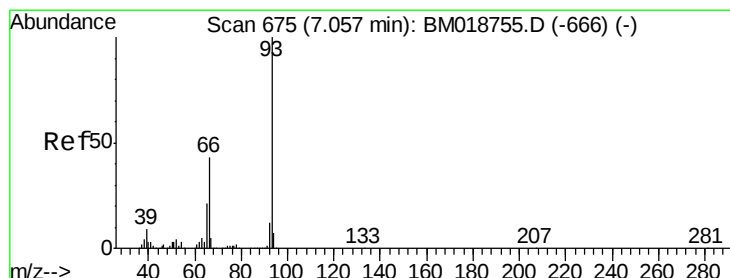
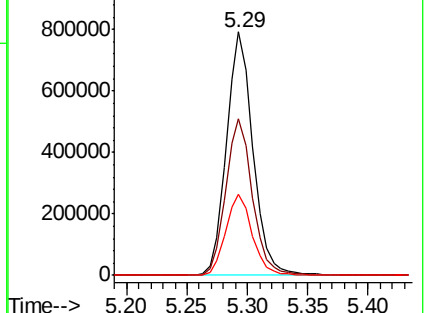
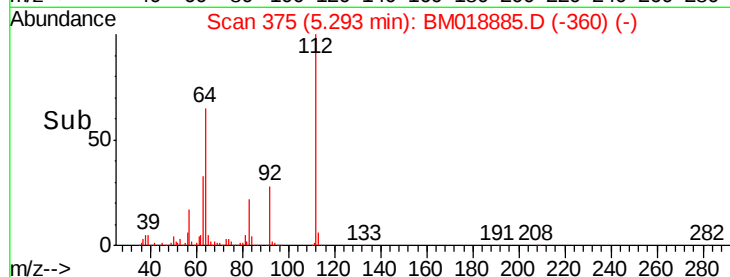
63 33.1 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 45.862 ng

RT: 7.05 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

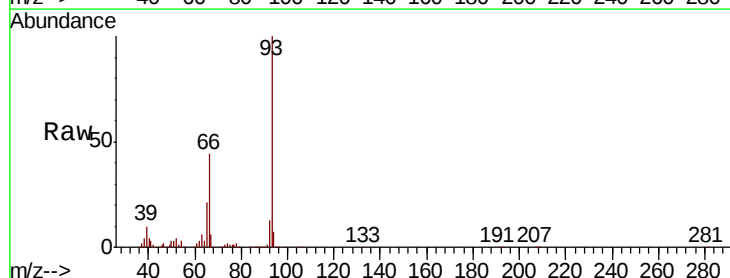
Tgt Ion: 93 Resp: 1193327

Ion Ratio Lower Upper

93 100

66 43.6 34.1 51.1

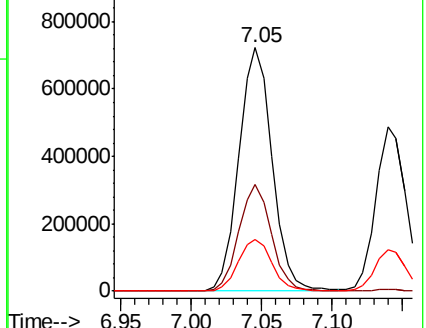
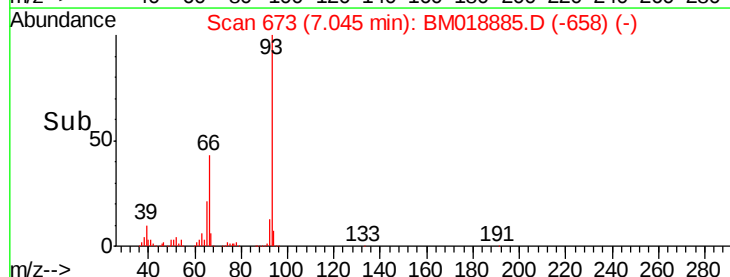
65 21.2 16.6 24.8

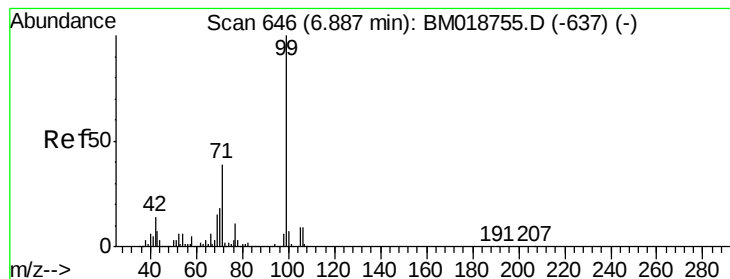


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 82.468 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

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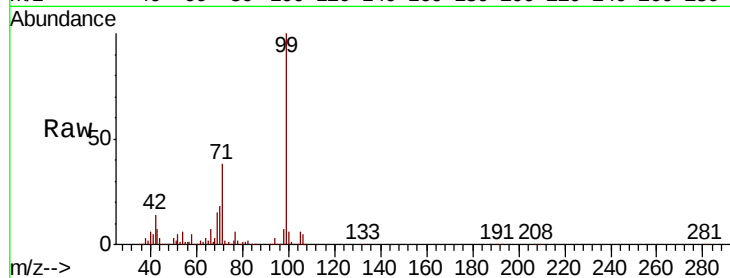
Tgt Ion: 99 Resp: 1751335

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

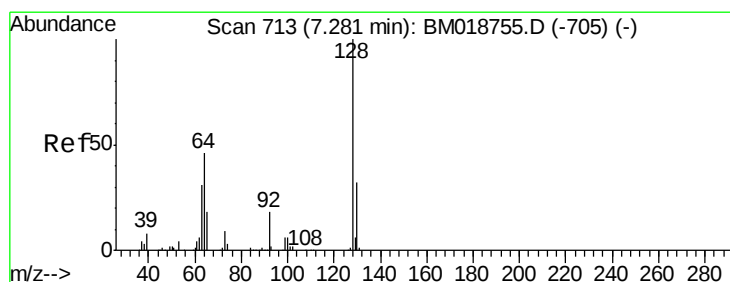
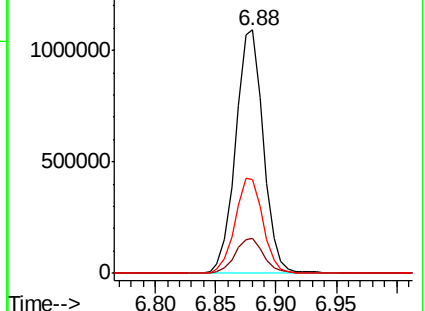
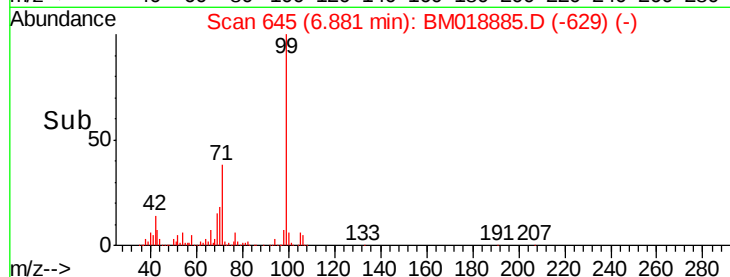
71 38.4 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018885.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018885.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018885.D (-629) (-)



#8

2-Chlorophenol

Concen: 43.945 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

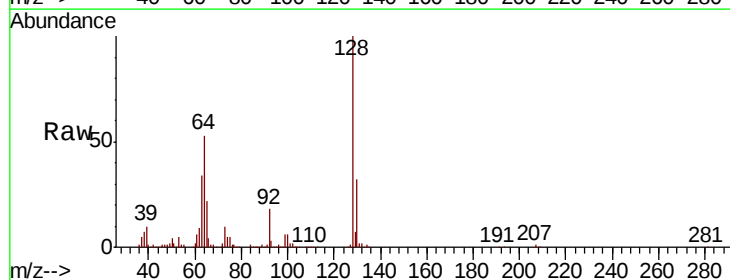
Tgt Ion: 128 Resp: 727310

Ion Ratio Lower Upper

128 100

130 31.9 11.7 51.7

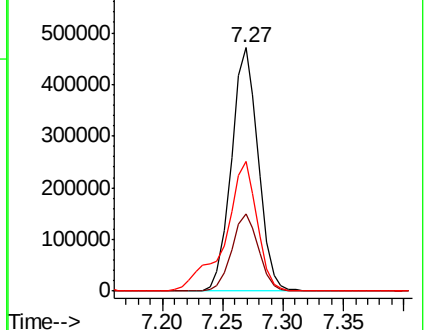
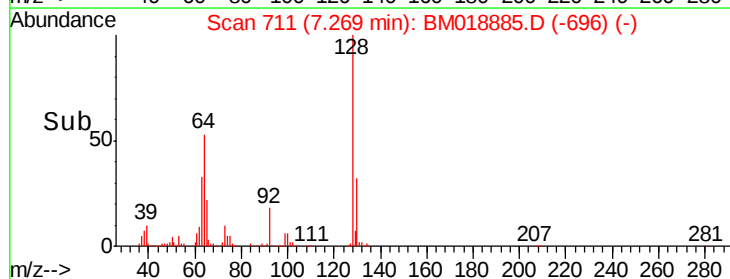
64 53.0 31.0 71.0

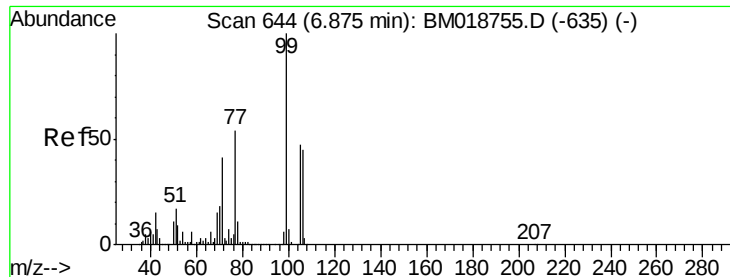


Abundance Ion 128.00 (127.70 to 128.70): BM018885.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018885.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018885.D (-696) (-)





#9

Benzaldehyde

Concen: 40.047 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

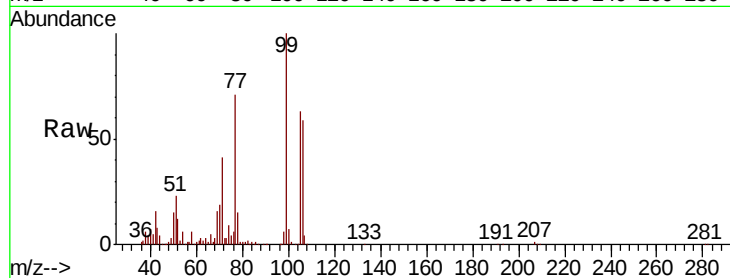
Tgt Ion: 77 Resp: 464620

Ion Ratio Lower Upper

77 100

105 88.6 67.3 107.3

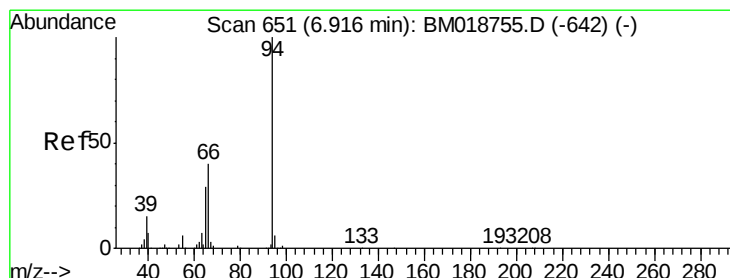
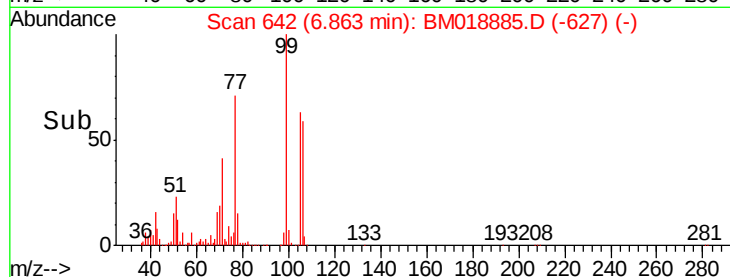
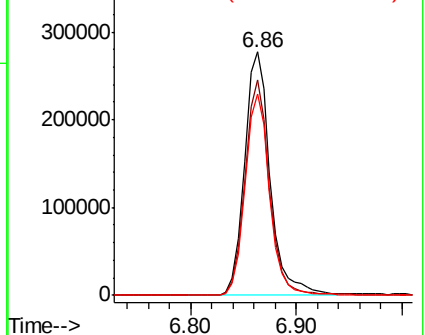
106 82.9 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018885.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018885.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018885.D (-627) (-)



#10

Phenol

Concen: 44.223 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

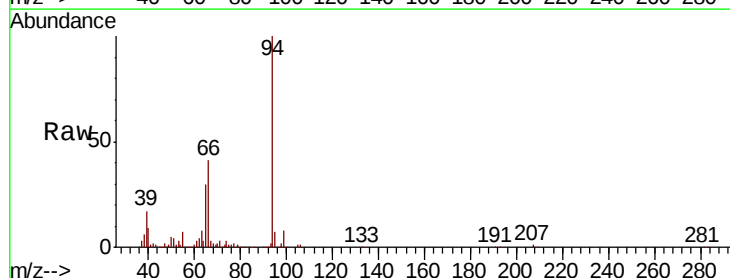
Tgt Ion: 94 Resp: 988154

Ion Ratio Lower Upper

94 100

65 29.9 9.6 49.6

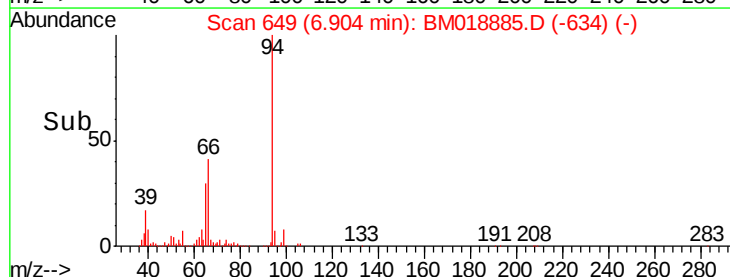
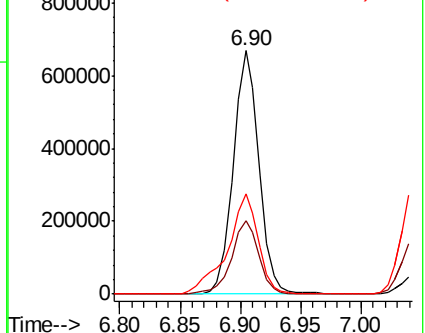
66 40.9 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BM018885.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018885.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018885.D (-634) (-)

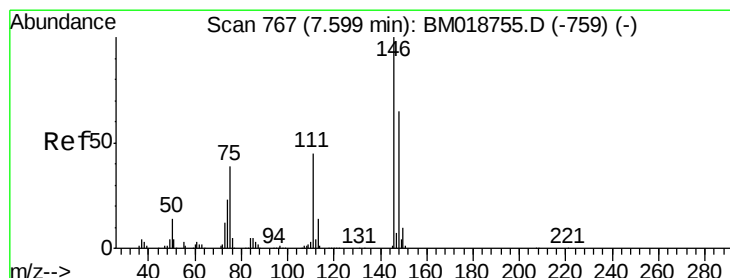
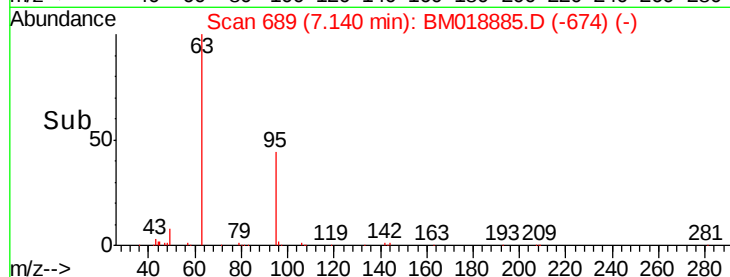
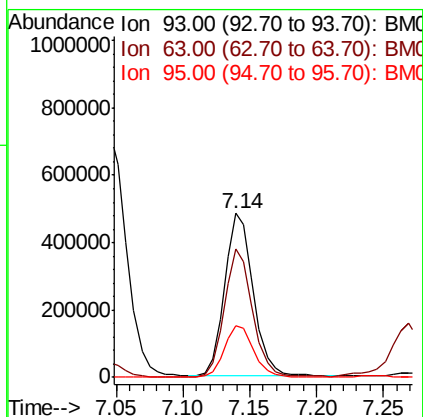
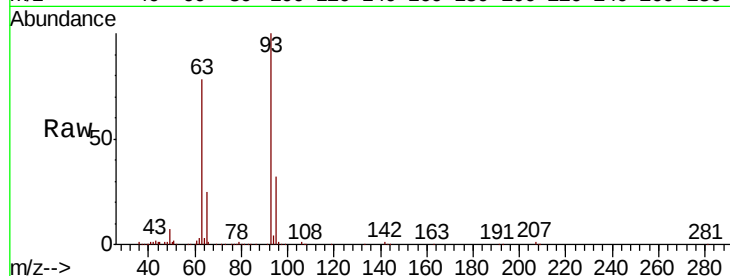




#11
bis(2-Chloroethyl)ether
Concen: 42.262 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

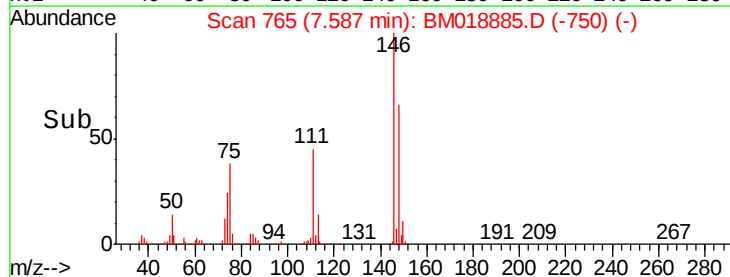
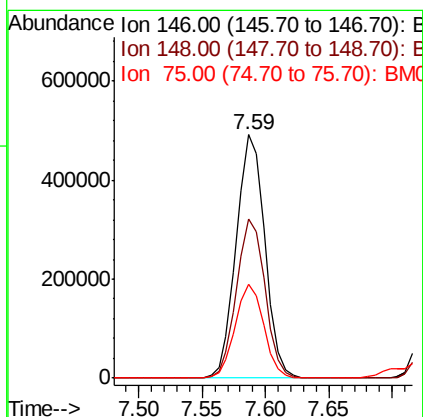
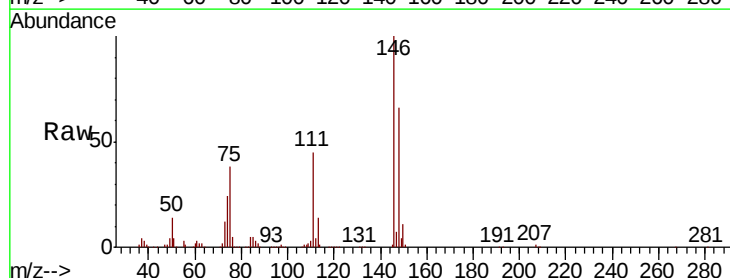
Instrument :
BNA_M
ClientSampleId :
PB117235BSD

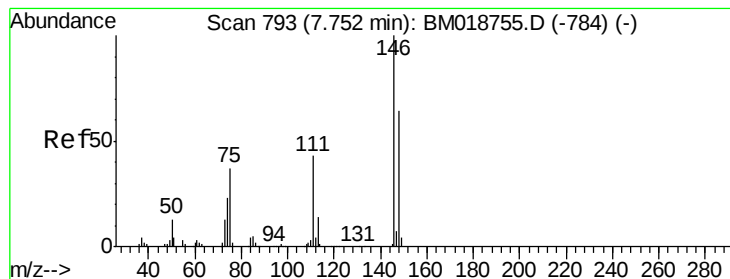
Tgt Ion: 93 Resp: 720370
Ion Ratio Lower Upper
93 100
63 78.2 57.0 97.0
95 31.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.291 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion: 146 Resp: 768448
Ion Ratio Lower Upper
146 100
148 65.6 51.7 77.5
75 38.4 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 41.798 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

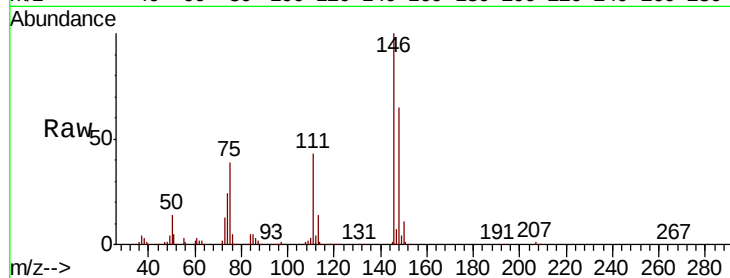
Tgt Ion:146 Resp: 791913

Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.2

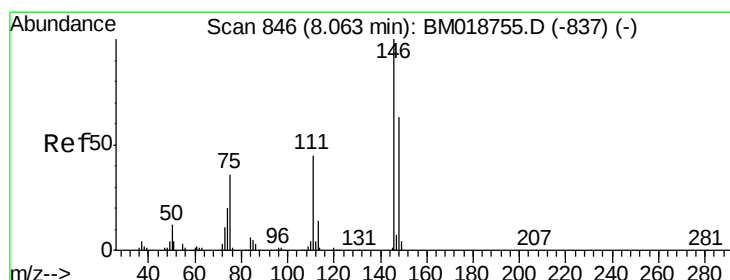
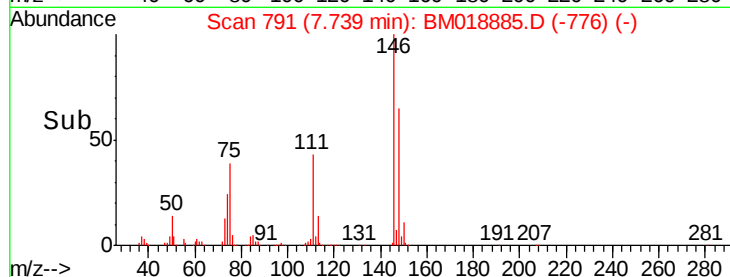
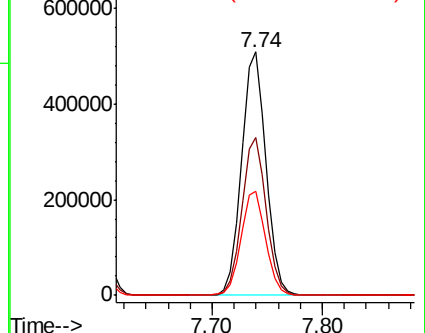
111 42.8 34.6 52.0



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: 42.165 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

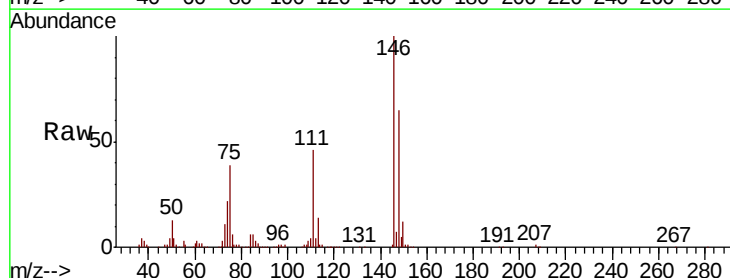
Tgt Ion:146 Resp: 767357

Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

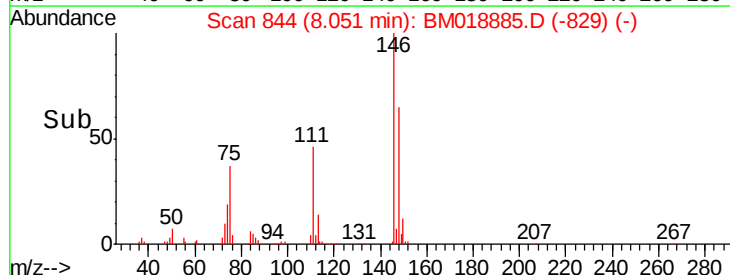
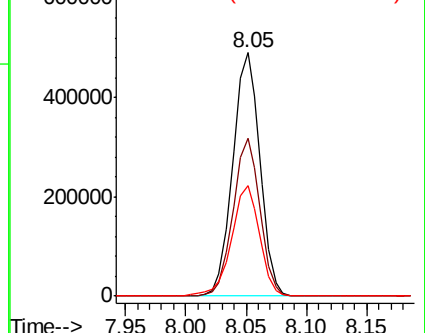
111 45.5 35.9 53.9

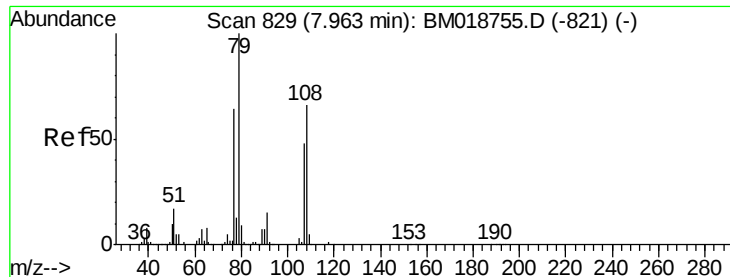


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.361 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

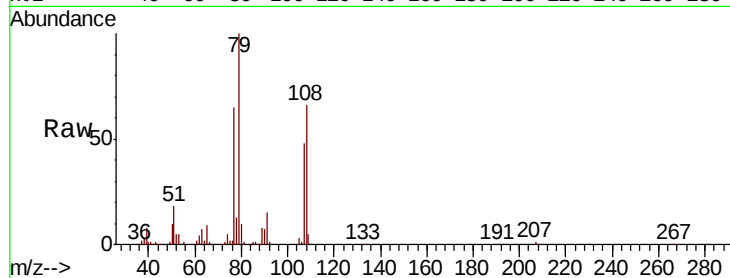
Tgt Ion: 79 Resp: 748548

Ion Ratio Lower Upper

79 100

108 65.8 52.7 79.1

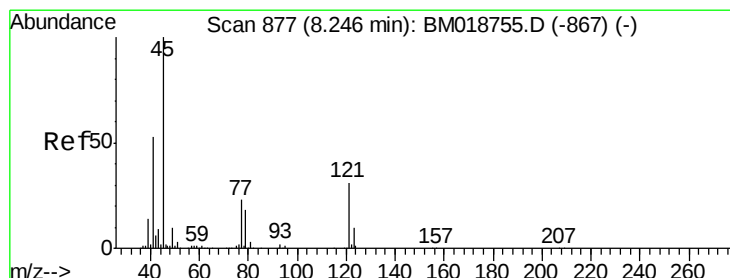
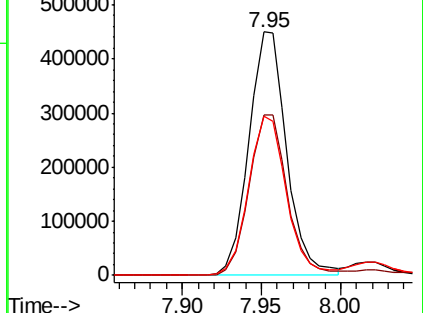
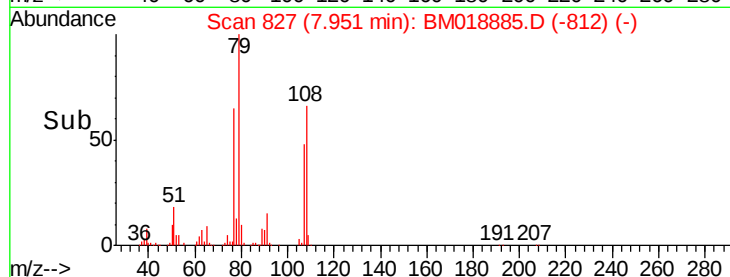
77 65.2 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018885.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM018885.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM018885.D (-812) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.735 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

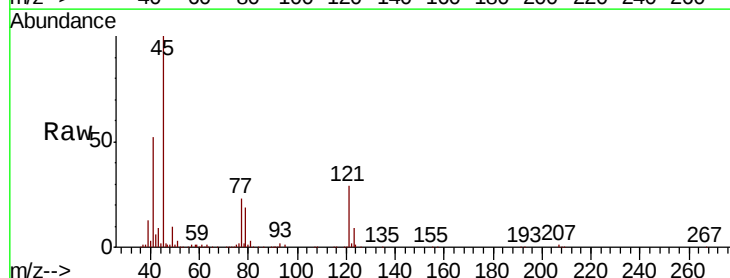
Tgt Ion: 45 Resp: 721516

Ion Ratio Lower Upper

45 100

77 23.4 5.0 45.0

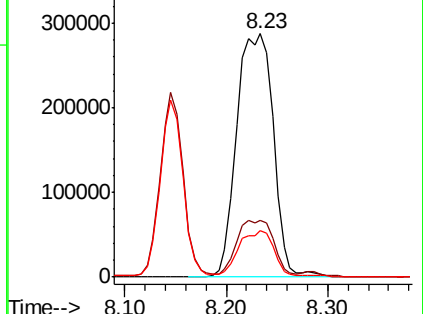
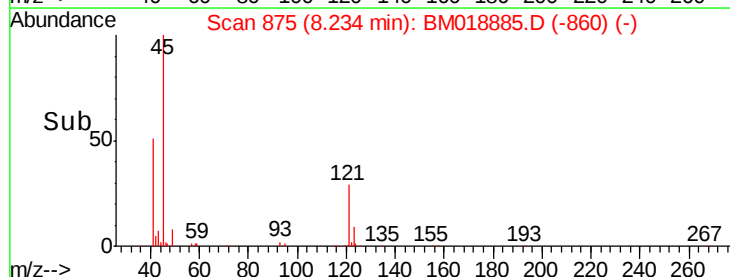
79 18.9 0.0 39.3

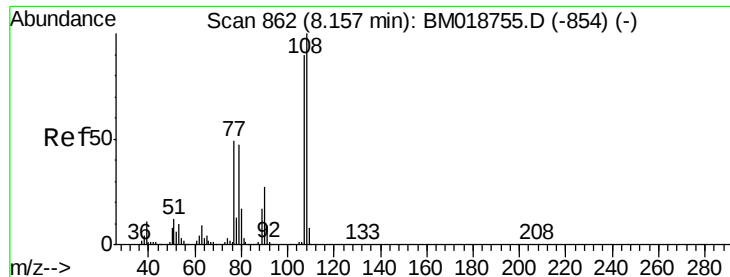


Abundance Ion 45.00 (44.70 to 45.70): BM018885.D (-860) (-)

Ion 77.00 (76.70 to 77.70): BM018885.D (-860) (-)

Ion 79.00 (78.70 to 79.70): BM018885.D (-860) (-)

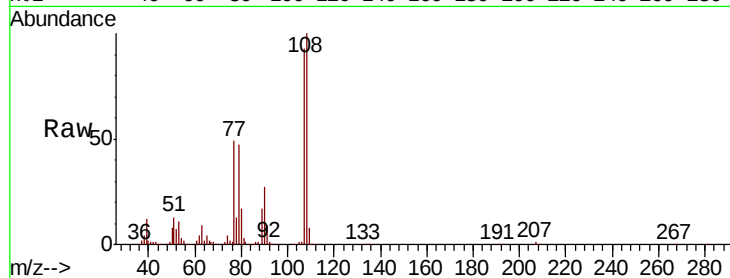




#17
2-Methylphenol
Concen: 44.733 ng
RT: 8.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.0	88.8	133.2
77	52.8	44.0	66.0
79	50.8	42.4	63.6



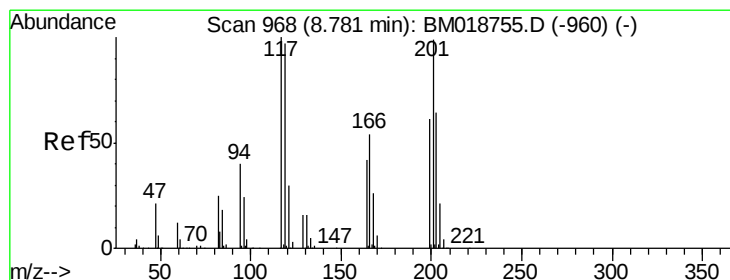
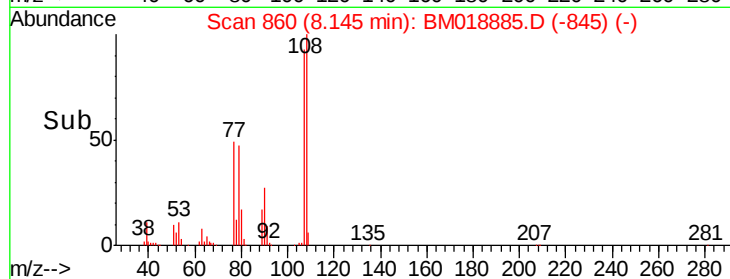
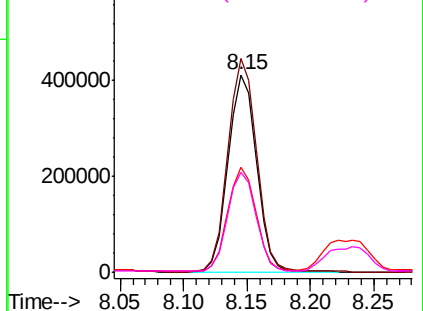
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

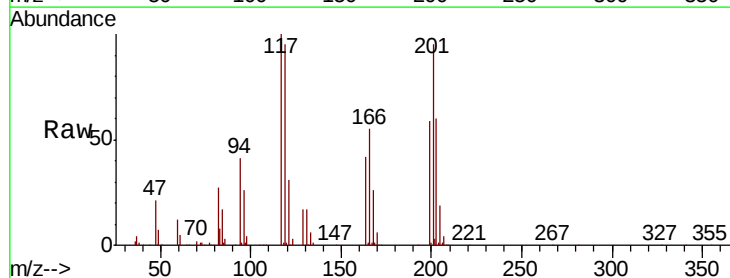
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 42.264 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.9	116.9
201	94.6	79.2	118.8

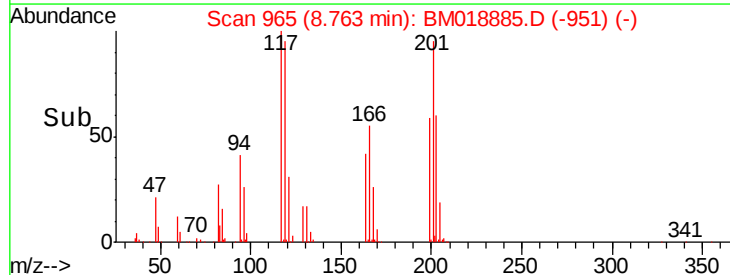
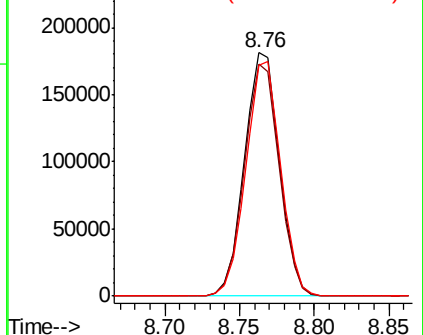


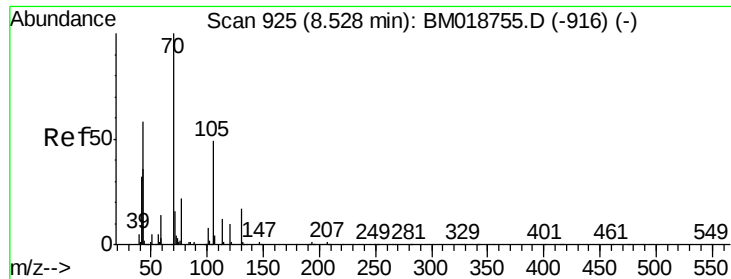
Abundance

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

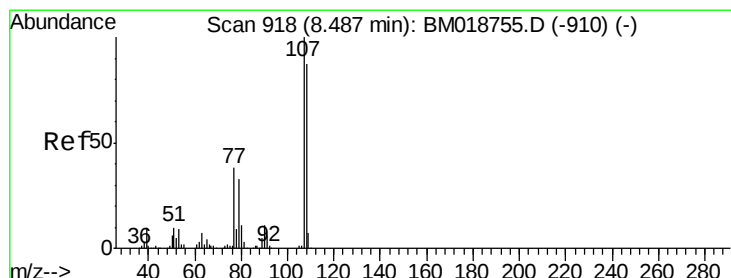
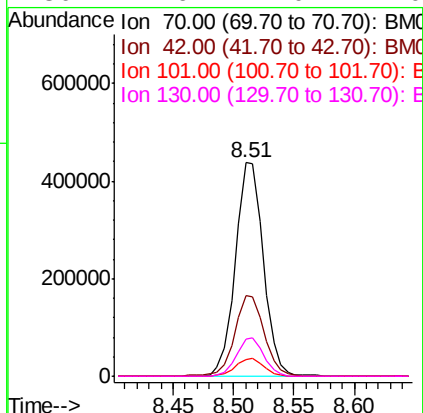
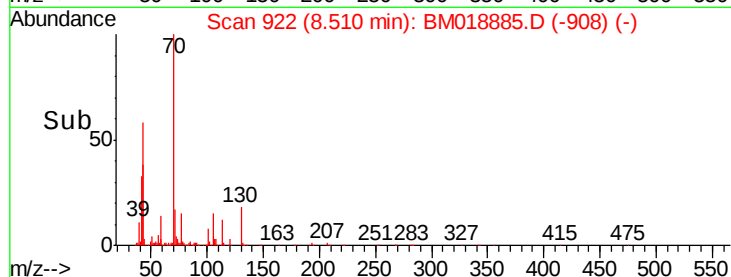
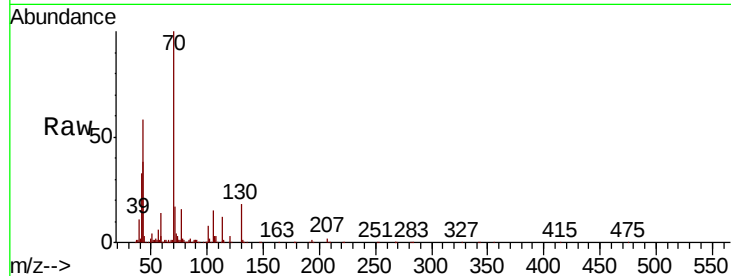




#19
n-Nitroso-di-n-propylamine
Concen: 43.211 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

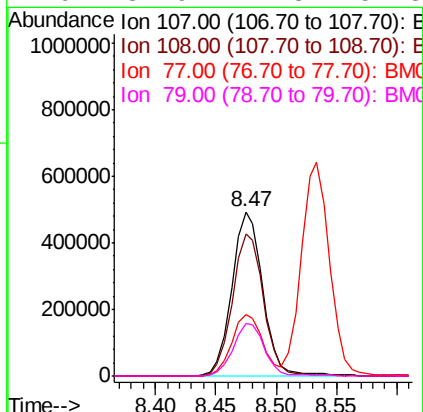
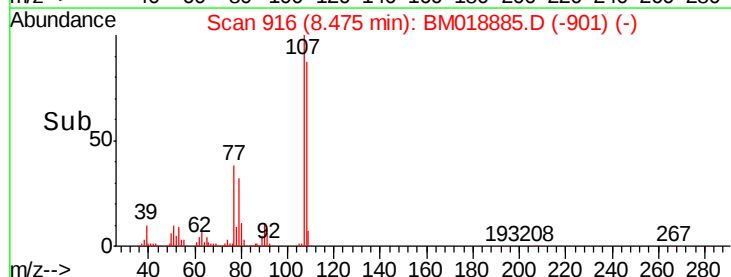
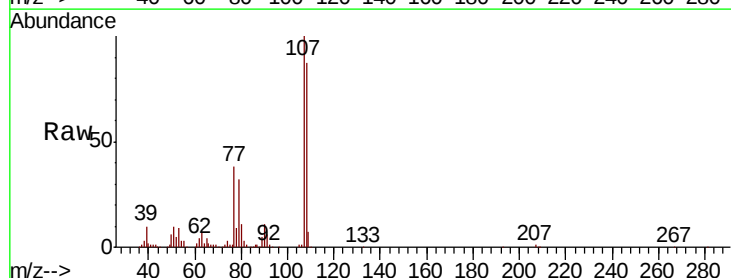
Instrument :
BNA_M
ClientSampleId :
PB117235BSD

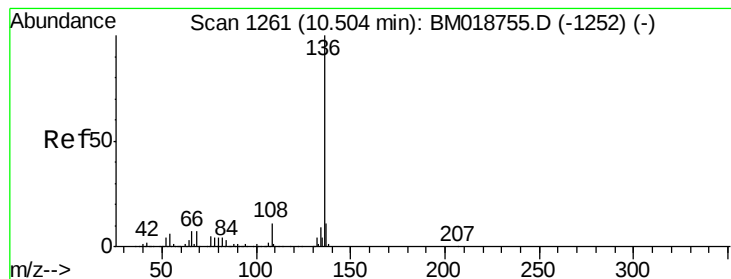
Tgt Ion:	70	Resp:	710519
Ion	Ratio	Lower	Upper
70	100		
42	38.0	29.4	44.0
101	8.1	6.7	10.1
130	17.6	14.0	21.0



#20
3+4-Methylphenols
Concen: 44.695 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:	107	Resp:	877737
Ion	Ratio	Lower	Upper
107	100		
108	86.8	67.3	107.3
77	37.8	18.0	58.0
79	31.9	12.8	52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

Tgt Ion:136 Resp: 1045718

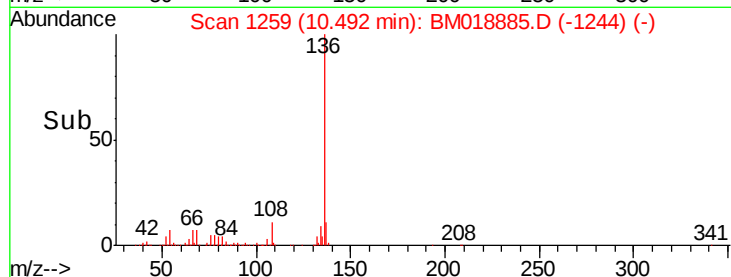
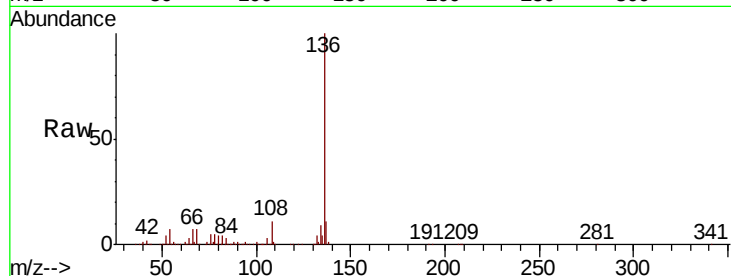
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.7 5.0 7.6

68 7.5 5.5 8.3

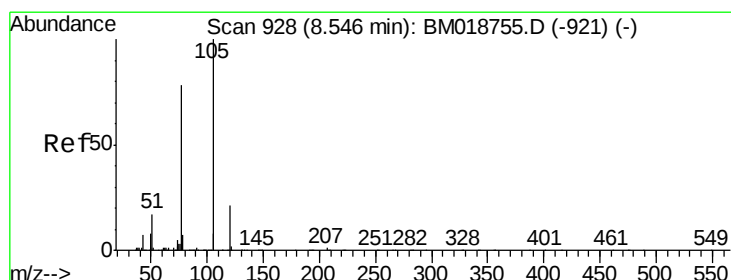
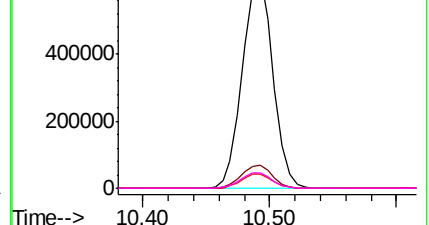


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 41.356 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:105 Resp: 1187628

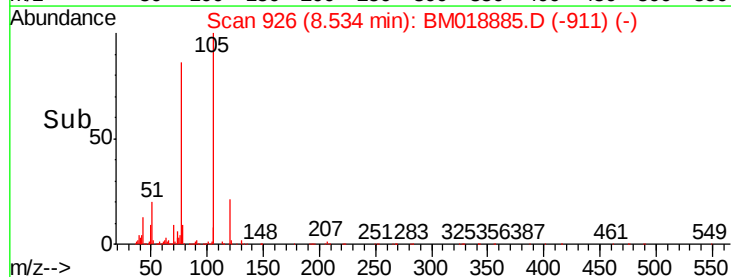
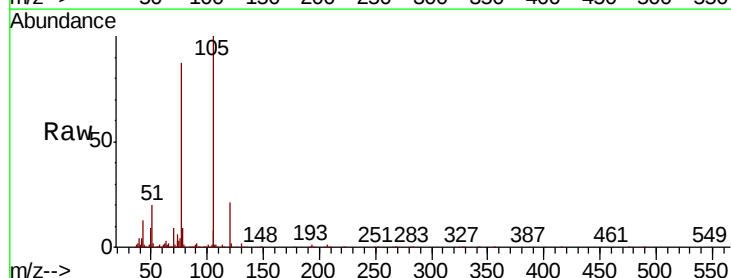
Ion Ratio Lower Upper

105 100

71 1.5 1.1 1.7

51 19.7 15.5 23.3

120 20.9 17.0 25.4

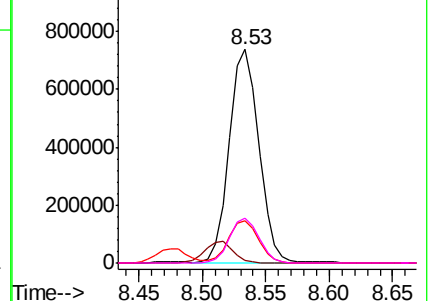


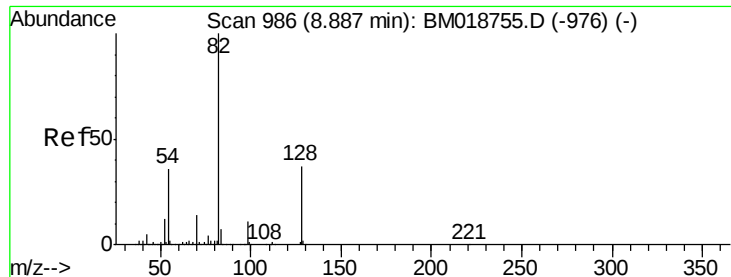
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

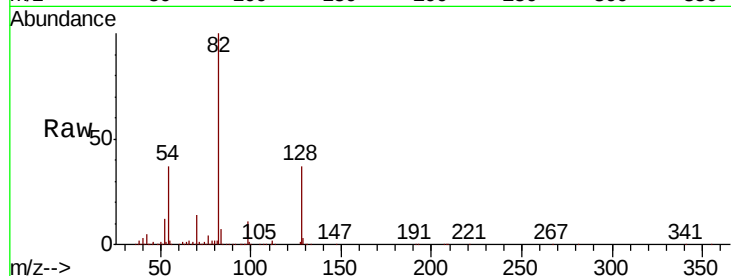




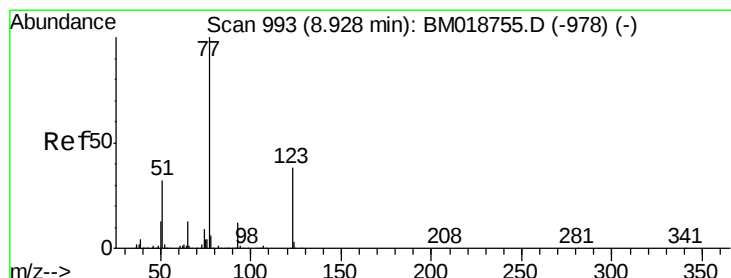
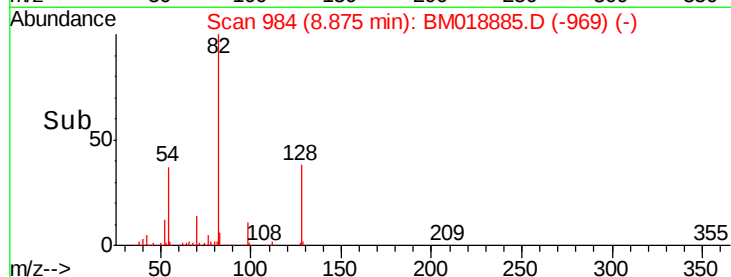
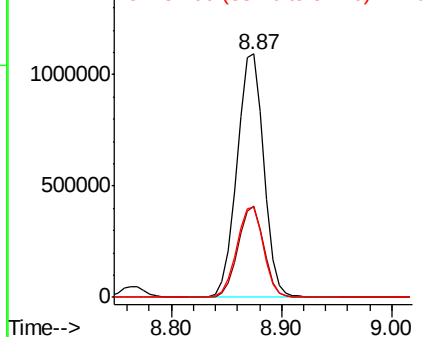
#23
 Nitrobenzene-d5
 Concen: 82.598 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tgt Ion: 82 Resp: 1868001
 Ion Ratio Lower Upper
 82 100
 128 37.3 29.9 44.9
 54 36.8 29.1 43.7

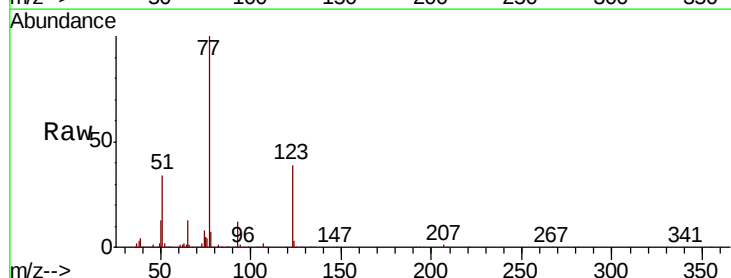


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

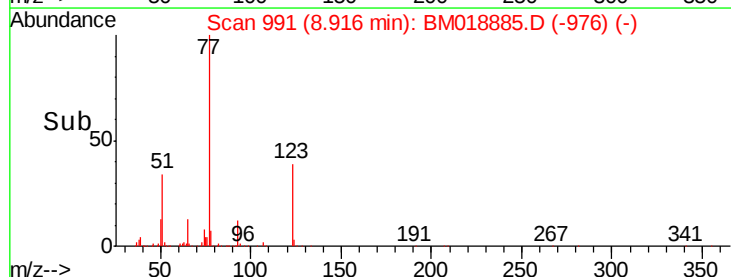
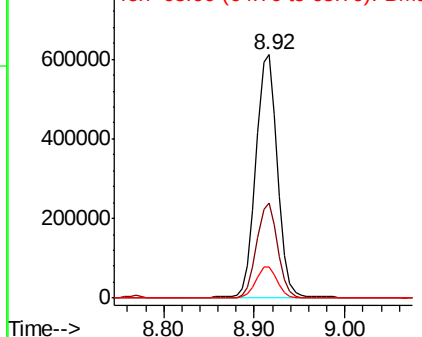


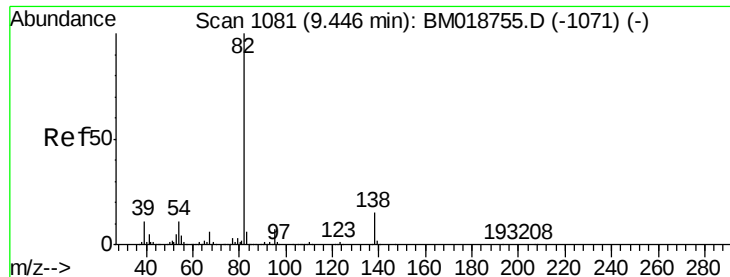
#24
 Nitrobenzene
 Concen: 42.782 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion: 77 Resp: 1004313
 Ion Ratio Lower Upper
 77 100
 123 38.9 30.7 46.1
 65 12.9 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: 49.578 ng

RT: 9.43 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

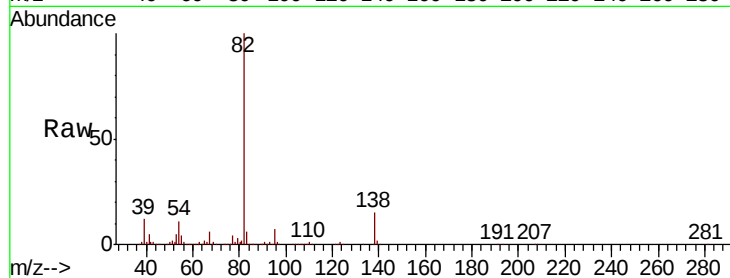
Tgt Ion: 82 Resp: 1789058

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

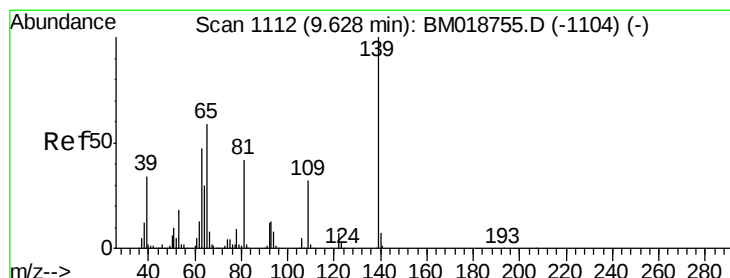
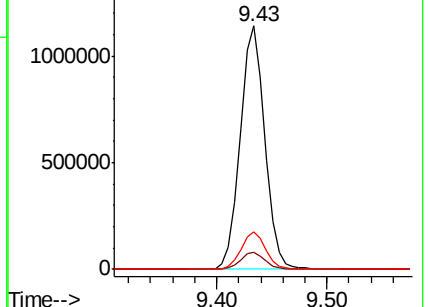
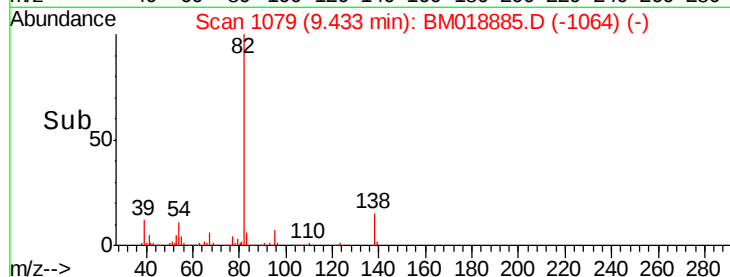
138 15.4 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018885.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018885.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018885.D (-1064) (-)



#26

2-Nitrophenol

Concen: 43.335 ng

RT: 9.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

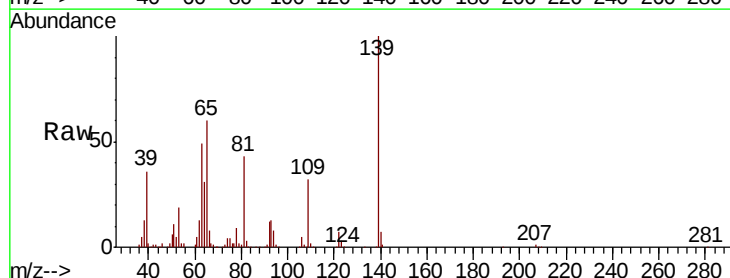
Tgt Ion: 139 Resp: 405121

Ion Ratio Lower Upper

139 100

109 31.7 25.2 37.8

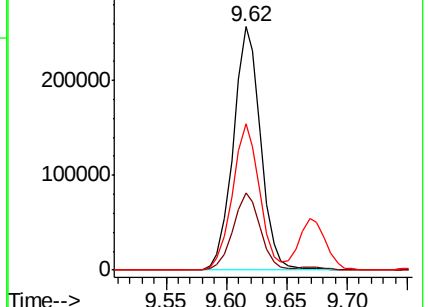
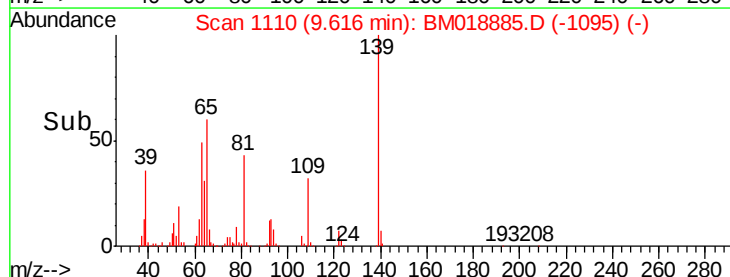
65 59.9 47.0 70.4

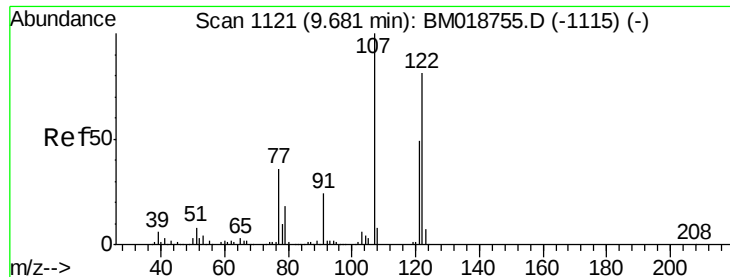


Abundance Ion 139.00 (138.70 to 139.70): BM018885.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018885.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018885.D (-1095) (-)

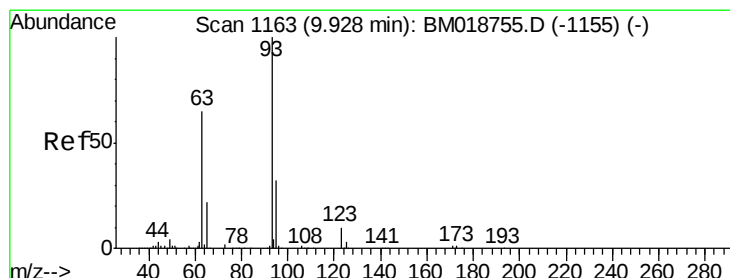
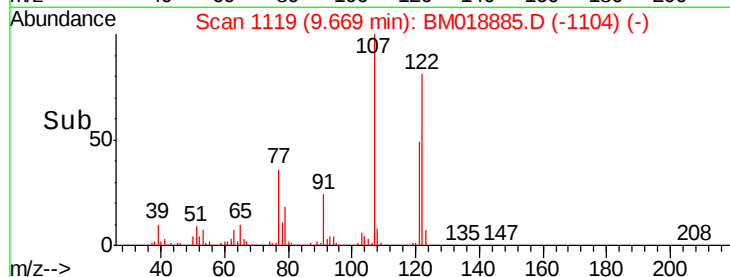
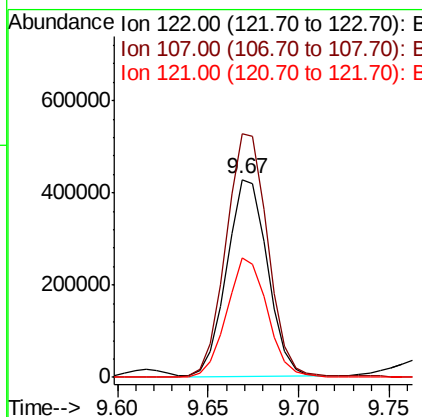
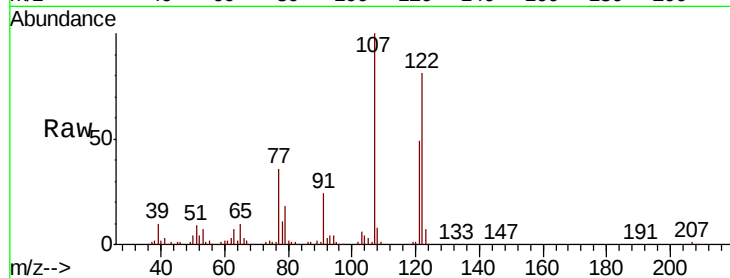




#27
 2,4-Dimethylphenol
 Concen: 48.812 ng
 RT: 9.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

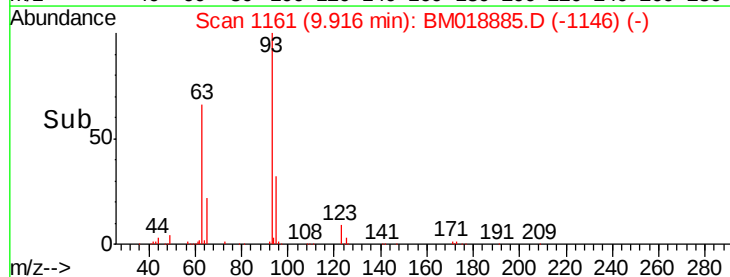
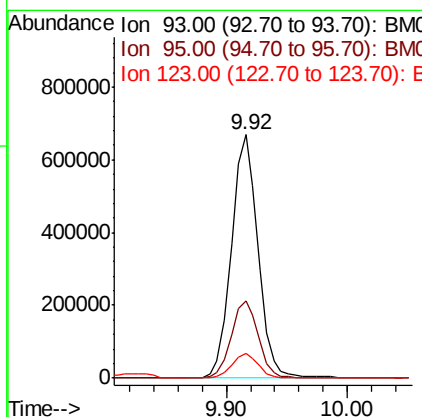
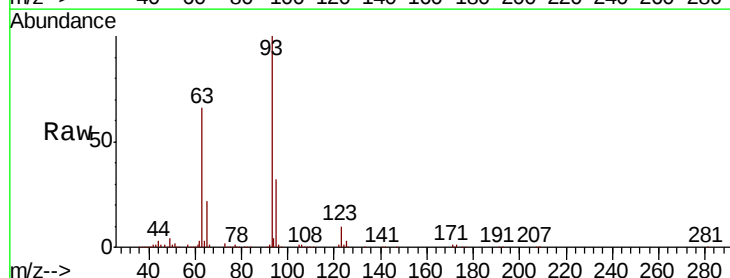
Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

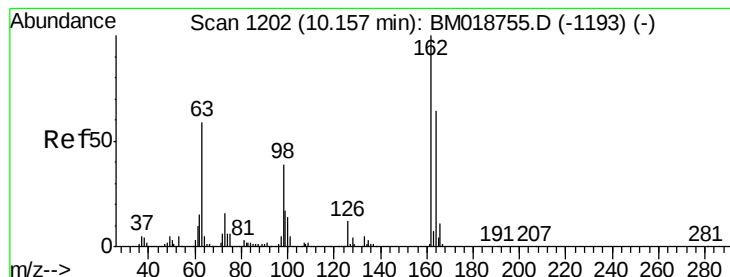
Tgt Ion:122 Resp: 666487
 Ion Ratio Lower Upper
 122 100
 107 123.1 97.6 146.4
 121 60.1 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.885 ng
 RT: 9.92 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion: 93 Resp: 1024063
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.6 38.4
 123 10.4 8.2 12.4

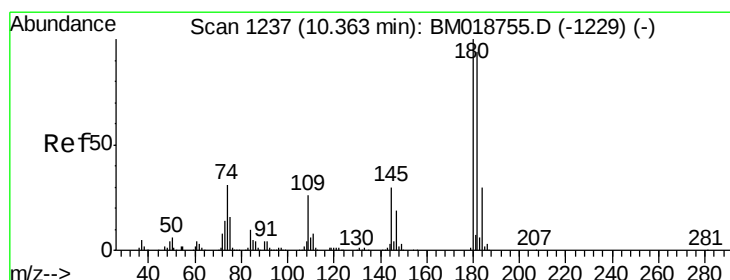
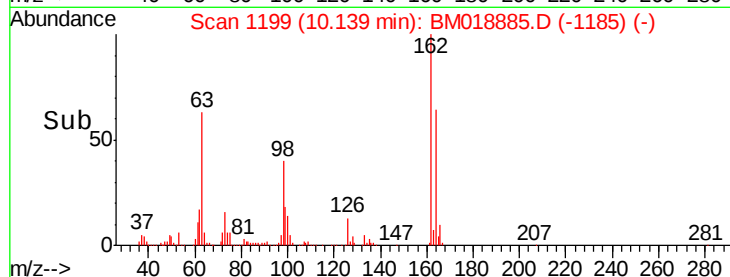
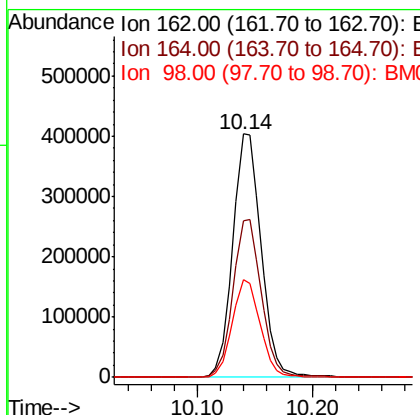
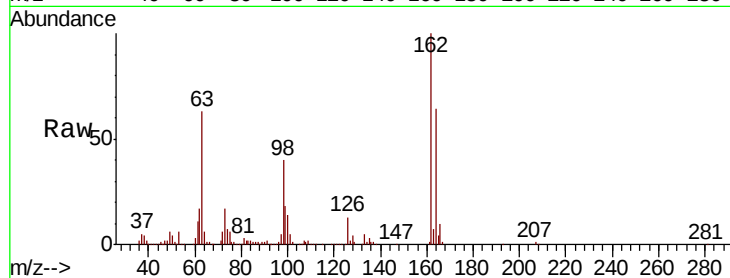




#29
 2,4-Dichlorophenol
 Concen: 43.935 ng
 RT: 10.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

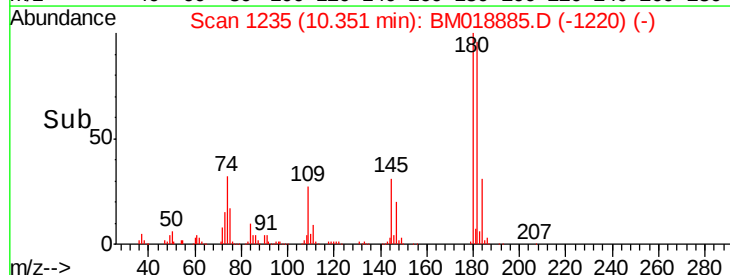
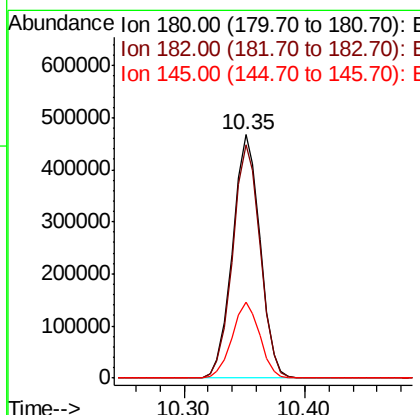
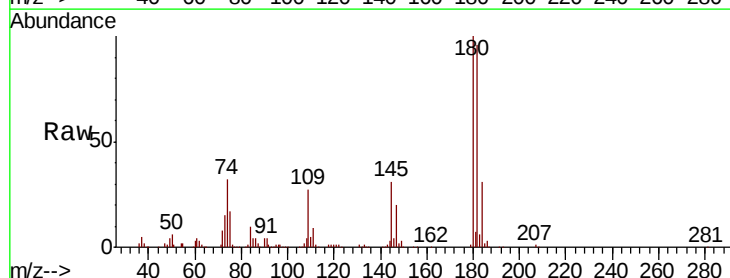
Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

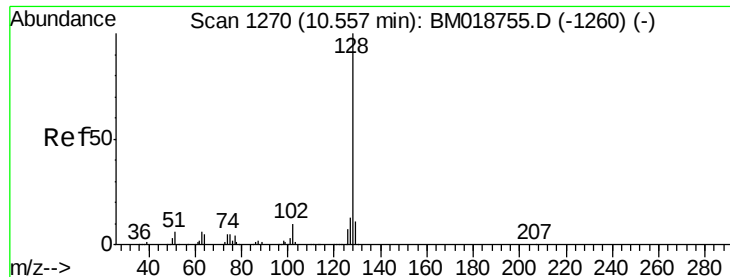
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.1	84.1
98	40.1	19.4	59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 41.076 ng
 RT: 10.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.0	112.6
145	31.2	24.1	36.1

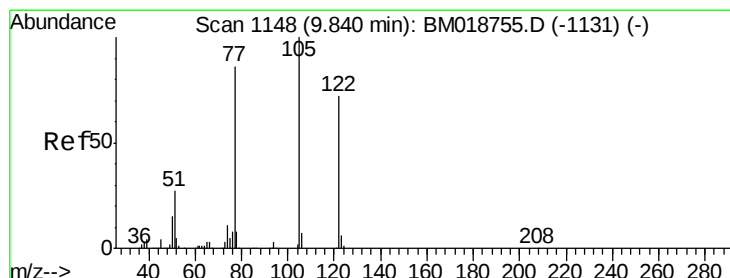
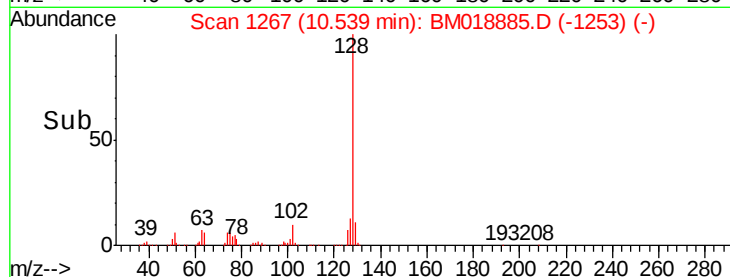
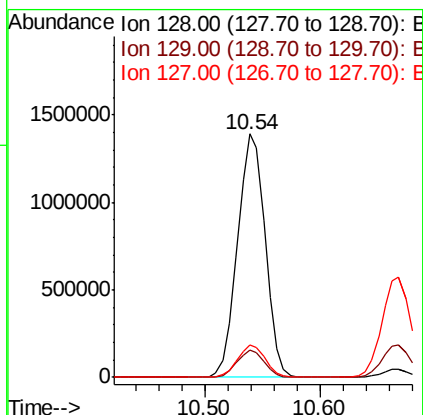
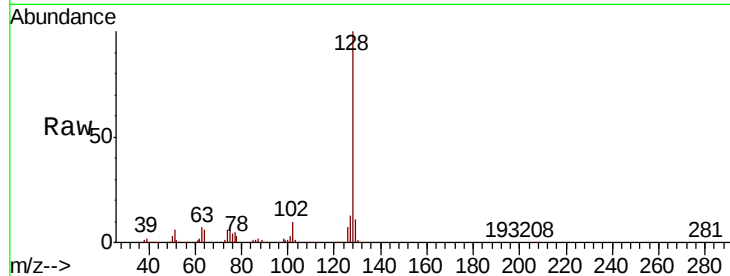




#31
Naphthalene
Concen: 45.369 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

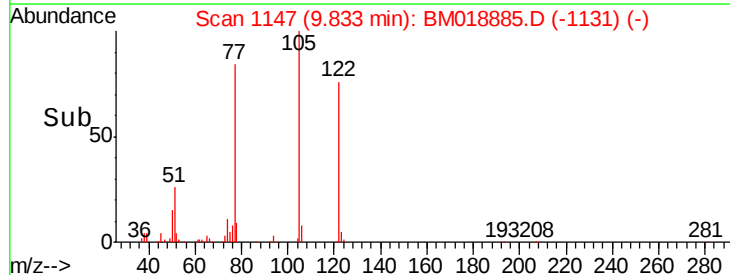
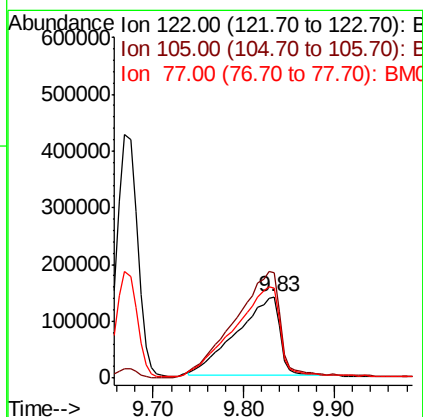
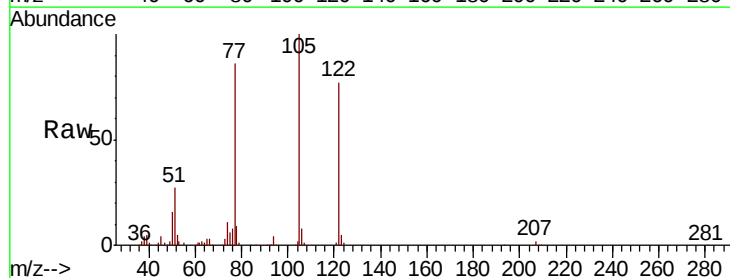
Instrument :
BNA_M
ClientSampleId :
PB117235BSD

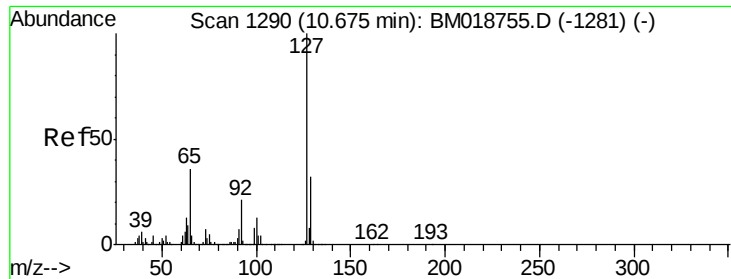
Tgt Ion:128 Resp: 2313867
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 39.297 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:122 Resp: 468060
Ion Ratio Lower Upper
122 100
105 129.8 117.5 157.5
77 111.4 98.5 138.5

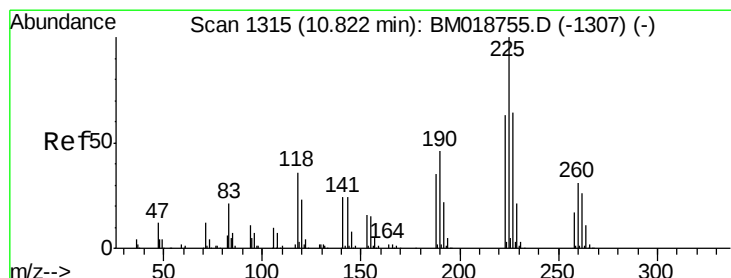
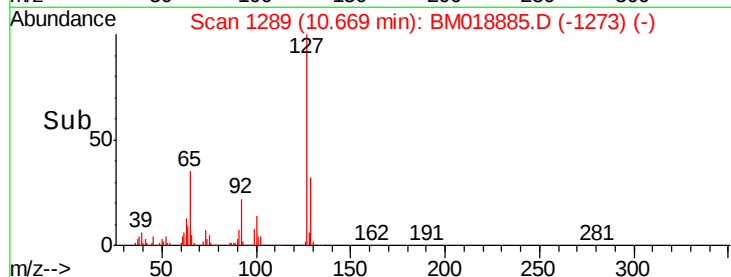
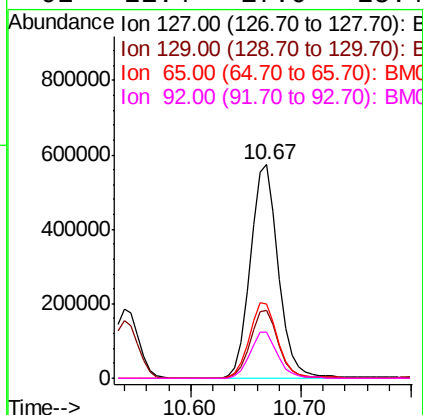
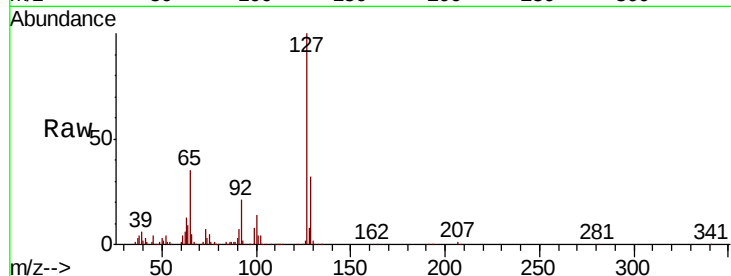




#33
4-Chloroaniline
Concen: 44.692 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

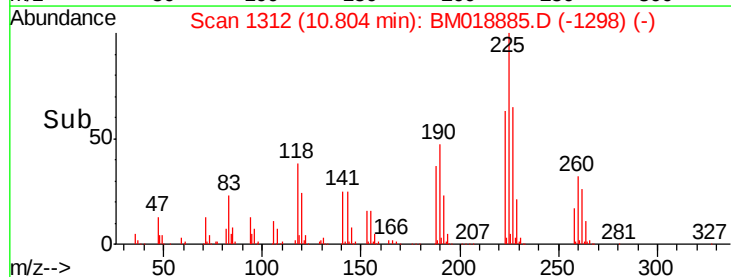
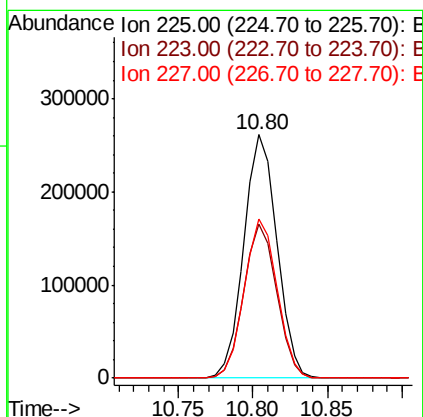
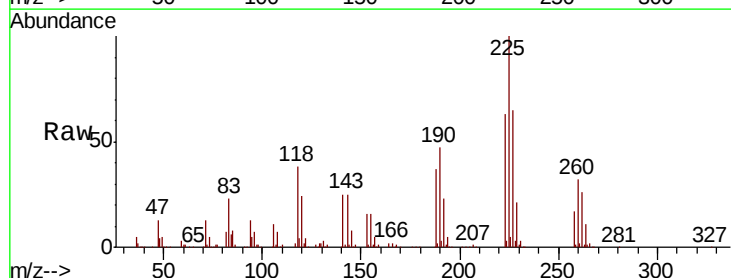
Instrument :
BNA_M
ClientSampleId :
PB117235BSD

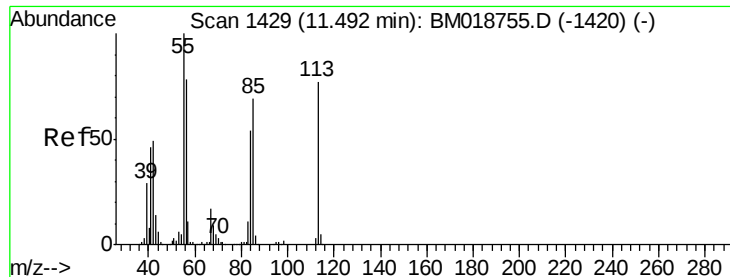
Tgt Ion:	127	Resp:	1018878
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	35.1	28.7	43.1
92	21.4	17.0	25.4



#34
Hexachlorobutadiene
Concen: 38.121 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:	225	Resp:	400639
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	65.2	51.4	77.0





#35

Caprolactam

Concen: 28.284 ng

RT: 11.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

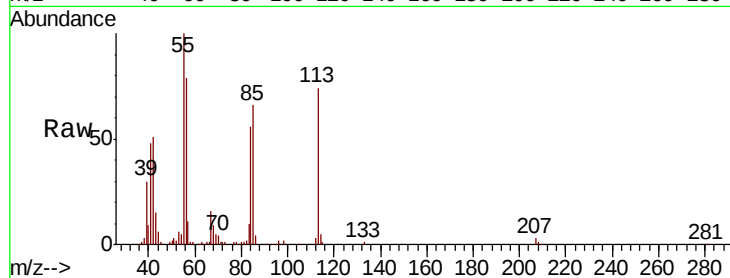
Tgt Ion:113 Resp: 180978

Ion Ratio Lower Upper

113 100

55 135.4 110.7 150.7

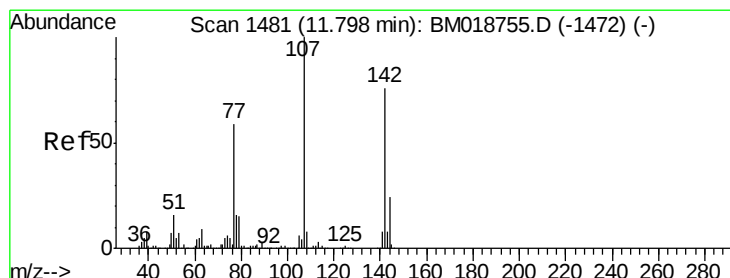
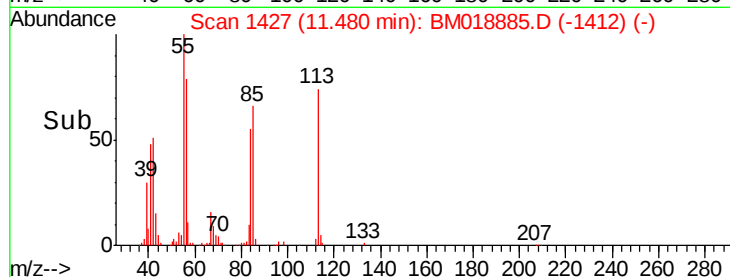
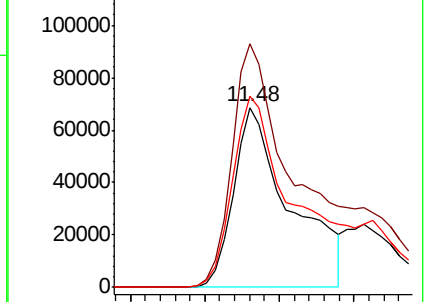
56 106.4 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 44.080 ng

RT: 11.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

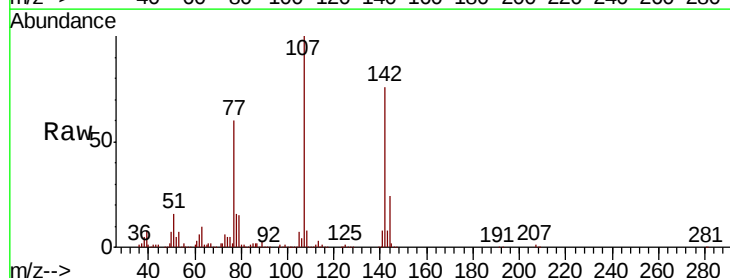
Tgt Ion:107 Resp: 833249

Ion Ratio Lower Upper

107 100

144 24.2 19.3 28.9

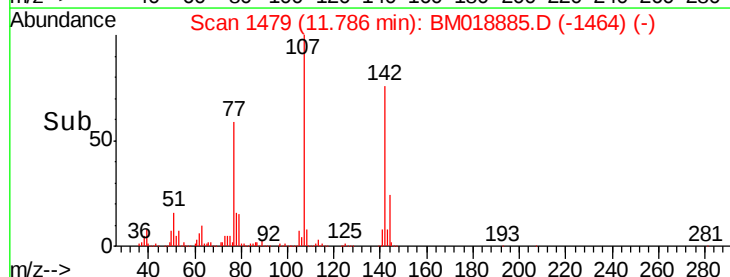
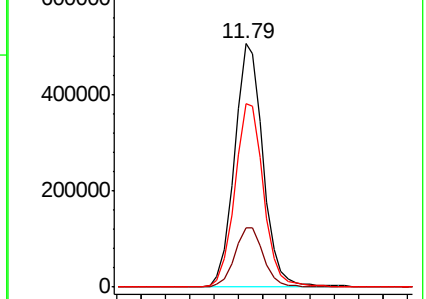
142 75.6 60.5 90.7

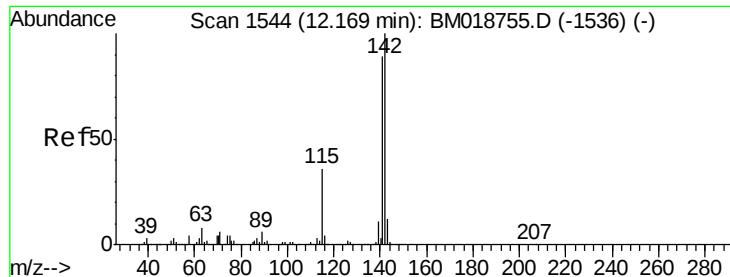


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

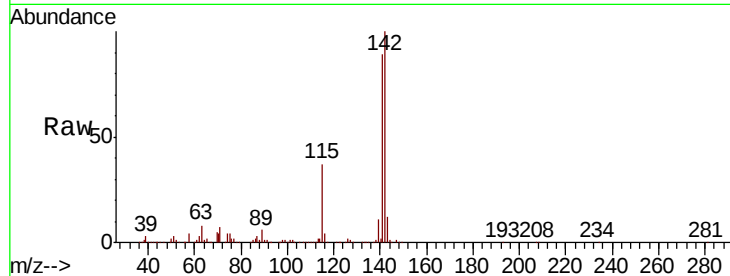




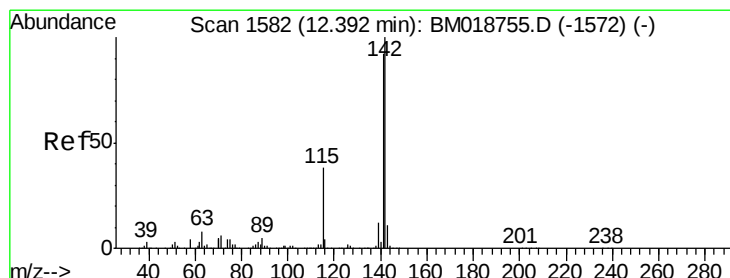
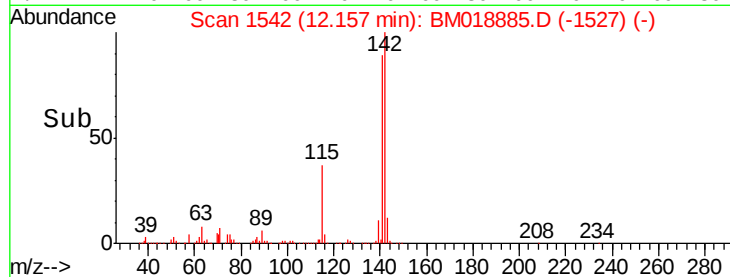
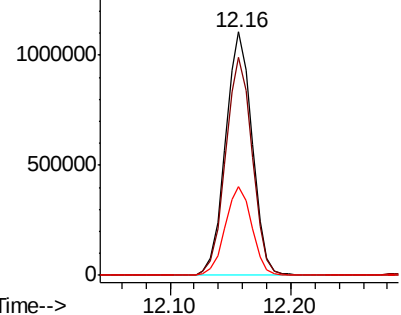
#37
 2-Methylnaphthalene
 Concen: 47.559 ng
 RT: 12.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tgt Ion:142 Resp: 1707740
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.2 106.8
 115 36.5 29.1 43.7

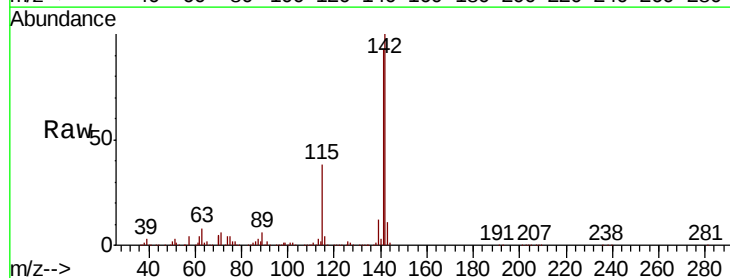


Abundance Ion 142.00 (141.70 to 142.70): E
 1500000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

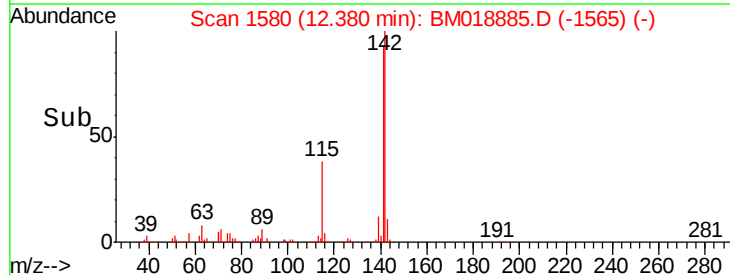
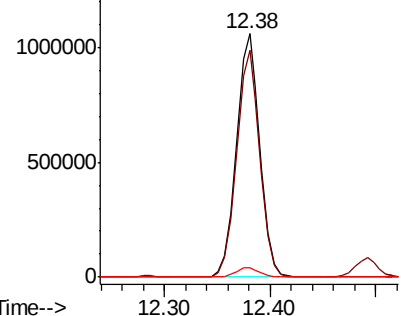


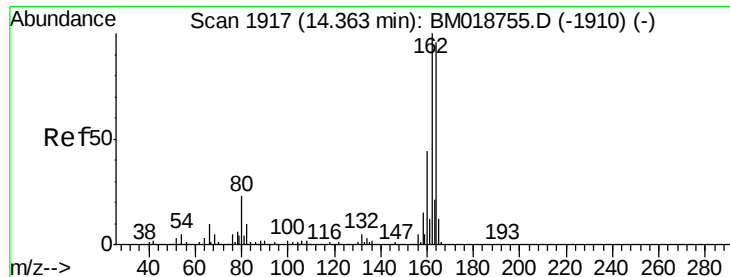
#38
 1-Methylnaphthalene
 Concen: 46.100 ng
 RT: 12.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion:142 Resp: 1618705
 Ion Ratio Lower Upper
 142 100
 141 93.3 73.9 110.9
 116 4.1 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 1000000 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# 1915

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

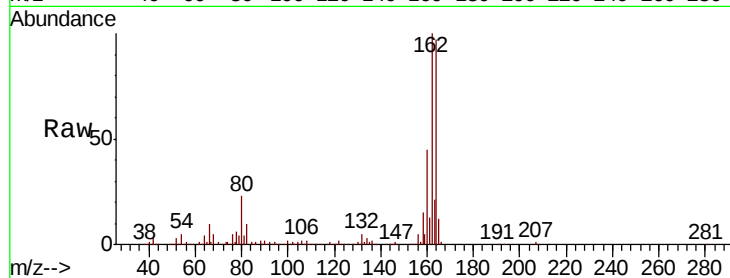
Tgt Ion:164 Resp: 620642

Ion Ratio Lower Upper

164 100

162 102.8 83.4 125.0

160 46.2 36.6 55.0

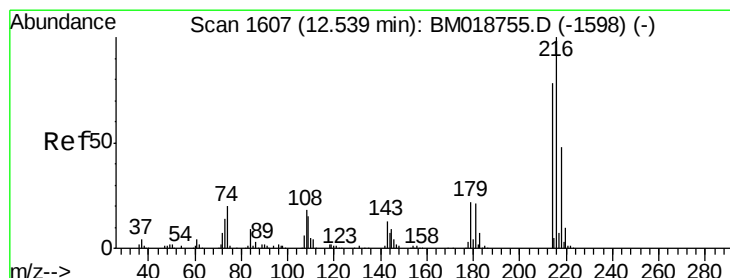
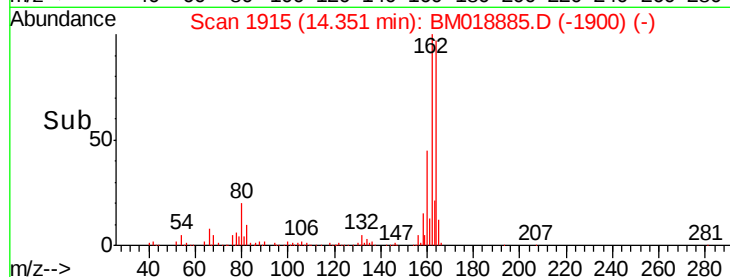
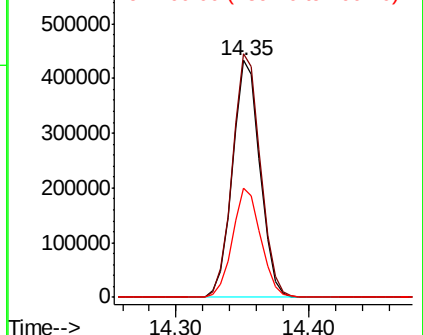


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.330 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:216 Resp: 800694

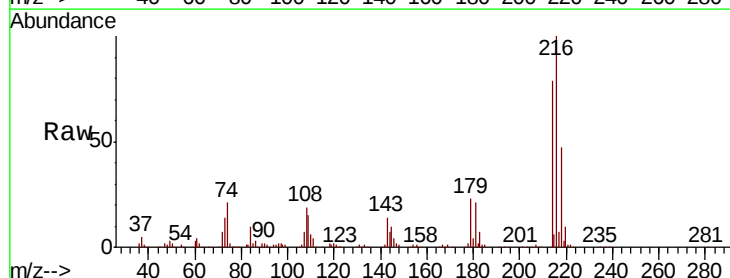
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 23.0 17.8 26.8

108 23.3 16.4 24.6



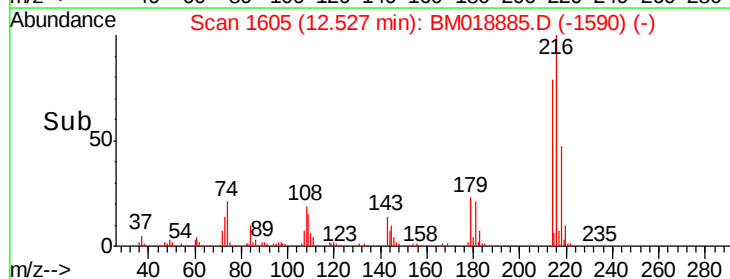
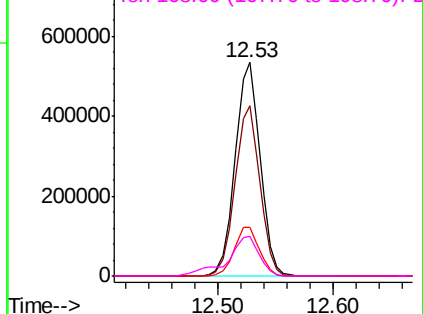
Abundance

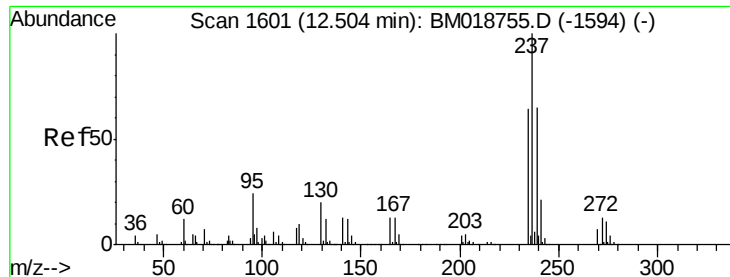
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.502 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

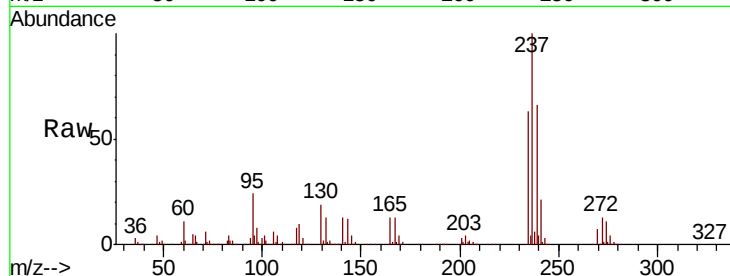
Tgt Ion:237 Resp: 928807

Ion Ratio Lower Upper

237 100

235 63.2 43.7 83.7

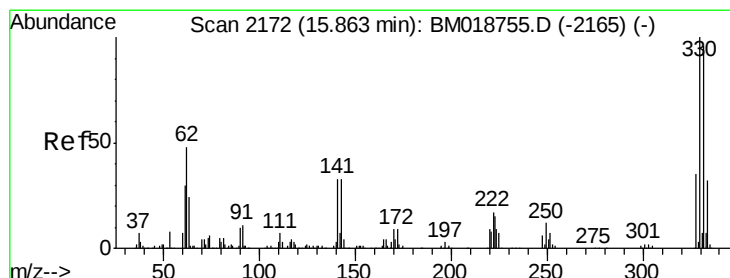
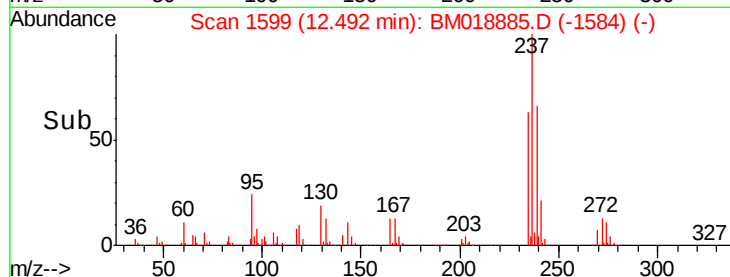
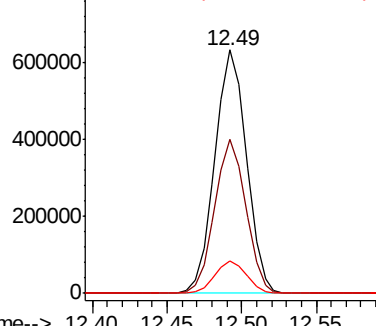
272 13.1 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.434 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

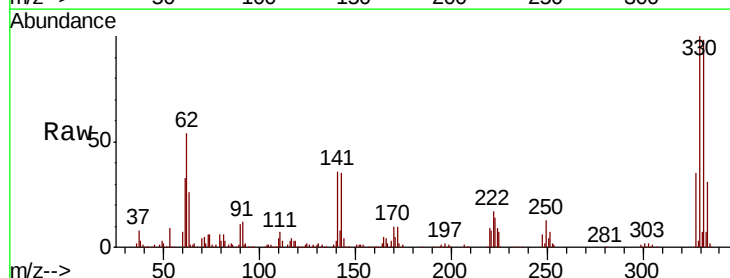
Tgt Ion:330 Resp: 737484

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

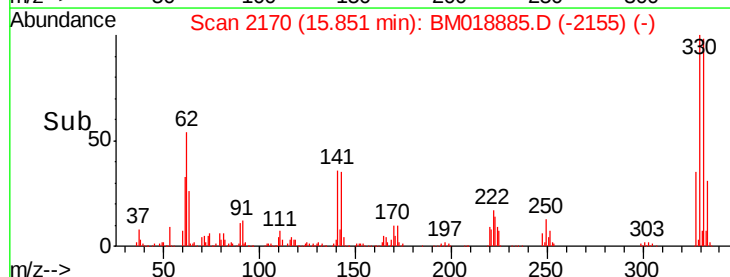
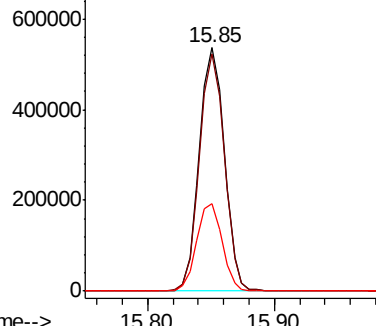
141 36.6 28.7 43.1

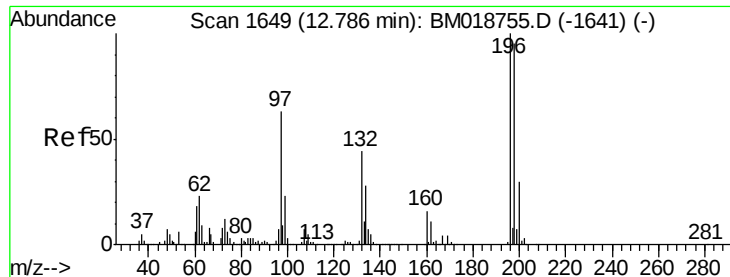


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

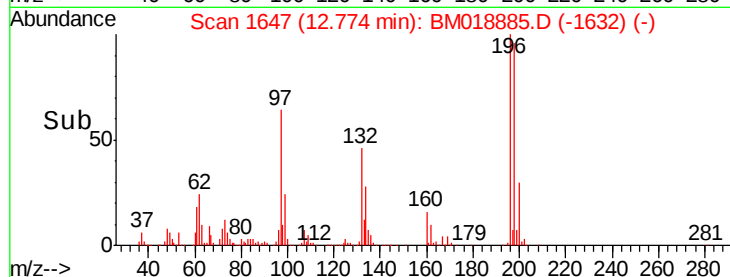
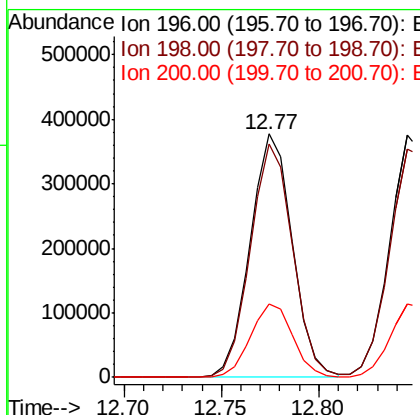
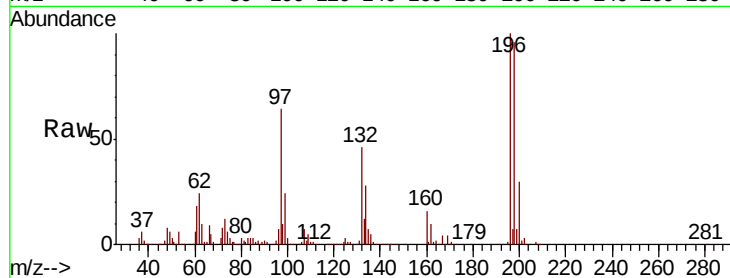




#43
 2,4,6-Trichlorophenol
 Concen: 42.956 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

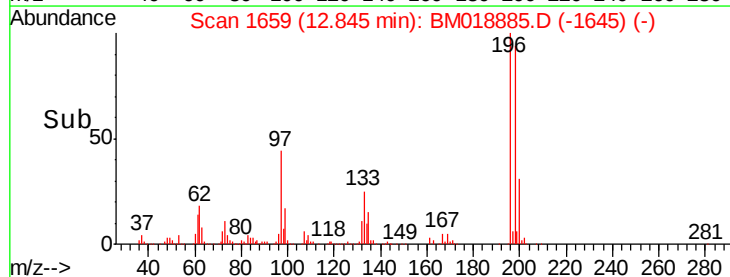
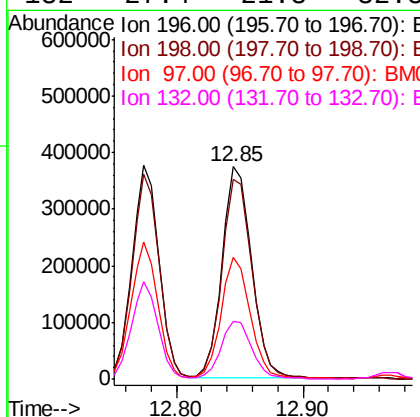
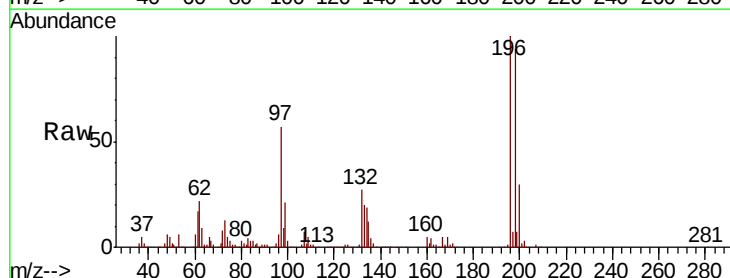
Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

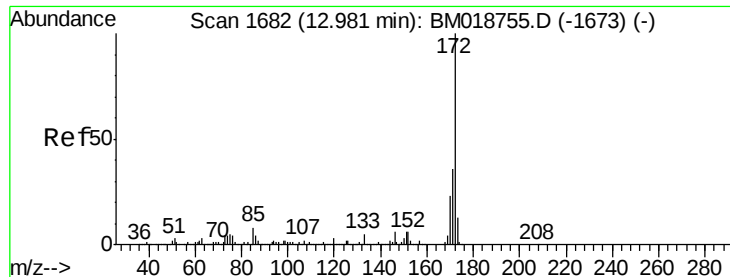
Tgt Ion:196 Resp: 564576
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.2 114.2
 200 30.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.732 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion:196 Resp: 602442
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.6 116.4
 97 57.3 42.8 64.2
 132 27.4 21.8 32.8

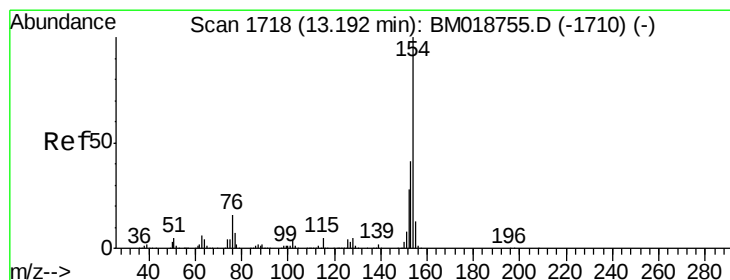
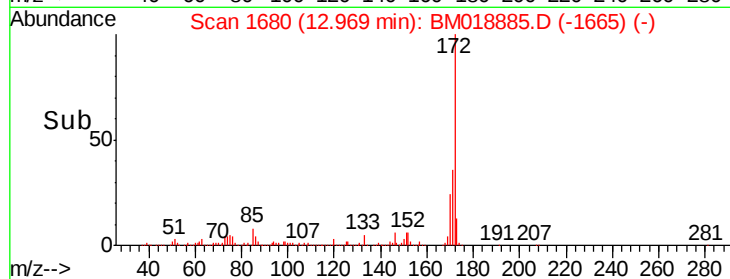
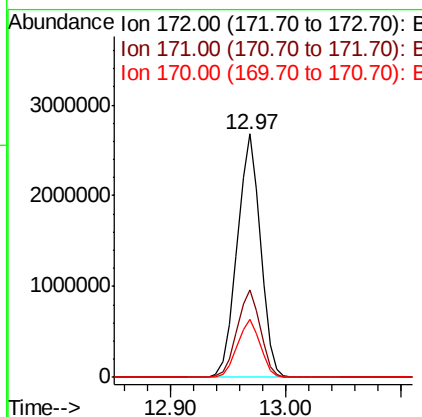
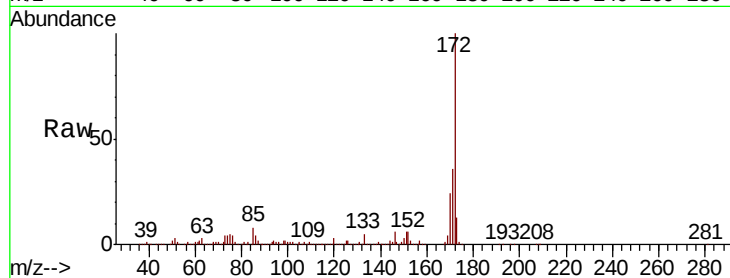




#45
 2-Fluorobiphenyl
 Concen: 79.998 ng
 RT: 12.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

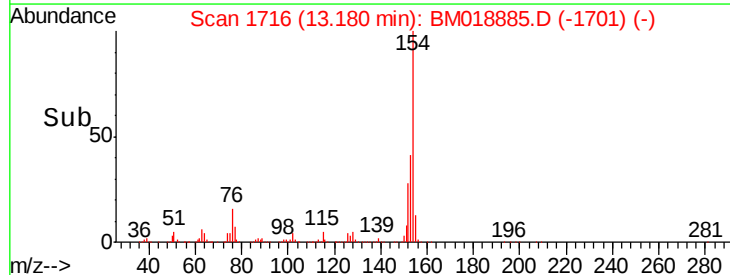
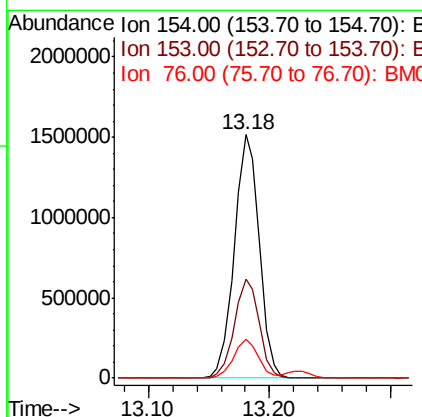
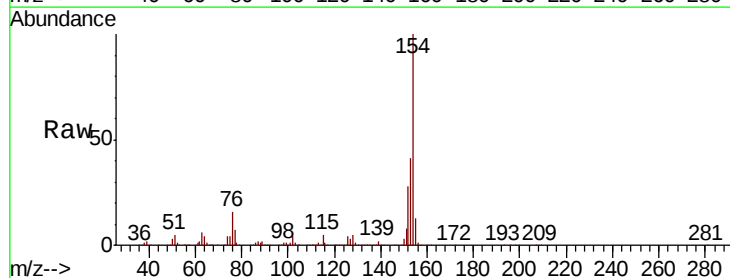
Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

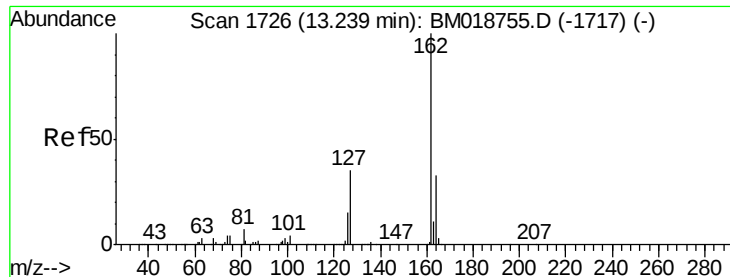
Tgt Ion:172 Resp: 3740207
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 23.6 18.6 28.0



#46
 1,1'-Biphenyl
 Concen: 40.629 ng
 RT: 13.18 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion:154 Resp: 2170543
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.1 61.1
 76 16.0 0.0 35.7

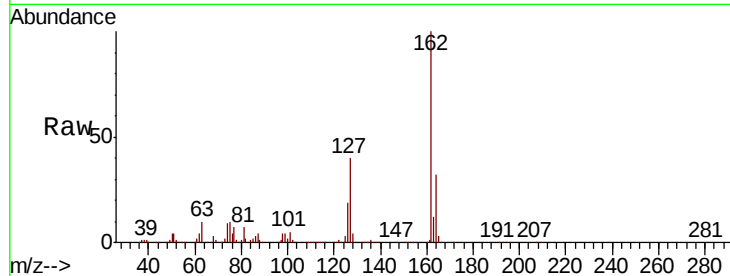




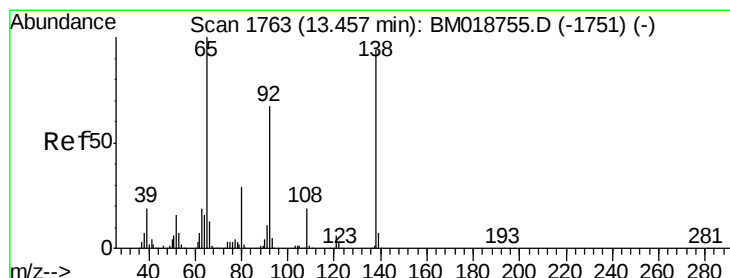
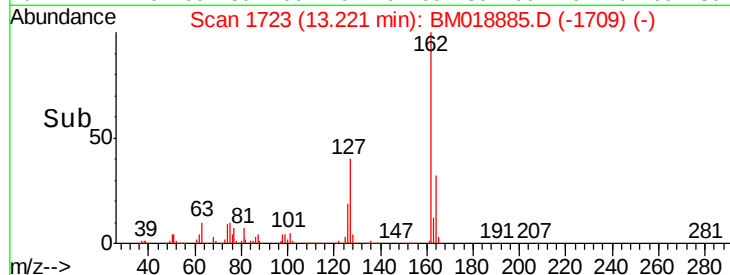
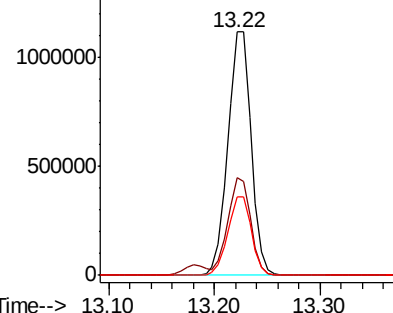
#47
 2-Chloronaphthalene
 Concen: 41.295 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tgt Ion: 162 Resp: 1703991
 Ion Ratio Lower Upper
 162 100
 127 39.9 31.1 46.7
 164 32.5 26.4 39.6

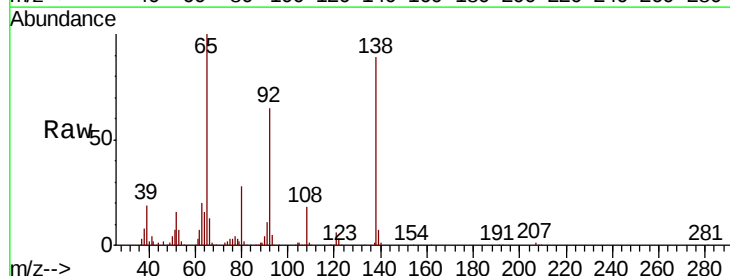


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

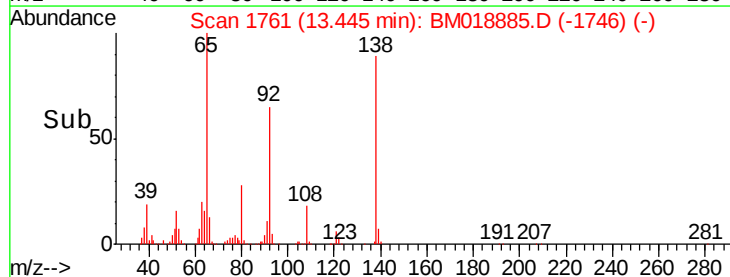
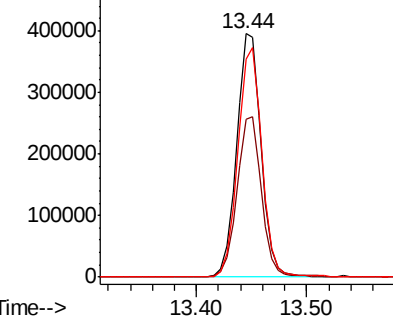


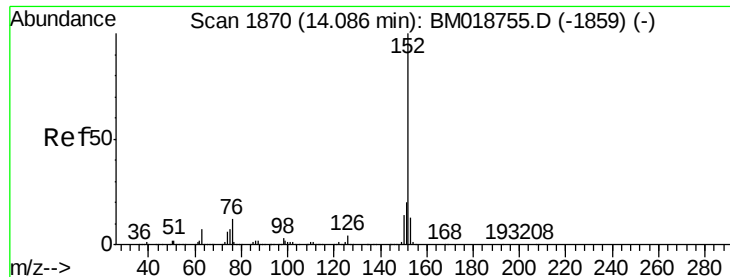
#48
 2-Nitroaniline
 Concen: 44.743 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion: 65 Resp: 613176
 Ion Ratio Lower Upper
 65 100
 92 64.7 54.0 81.0
 138 89.5 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
 500000 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.679 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

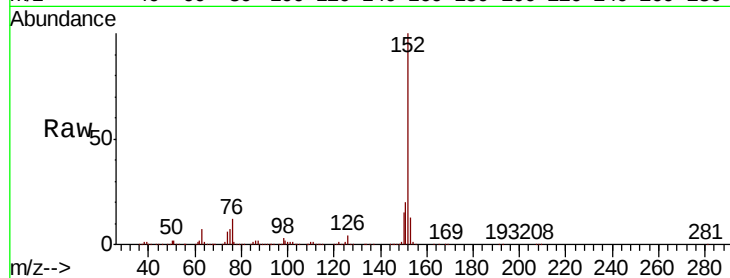
Tgt Ion:152 Resp: 2806631

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

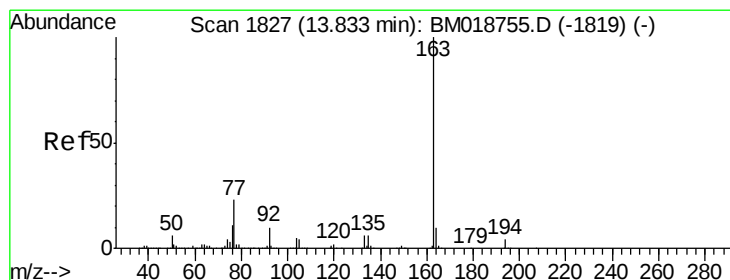
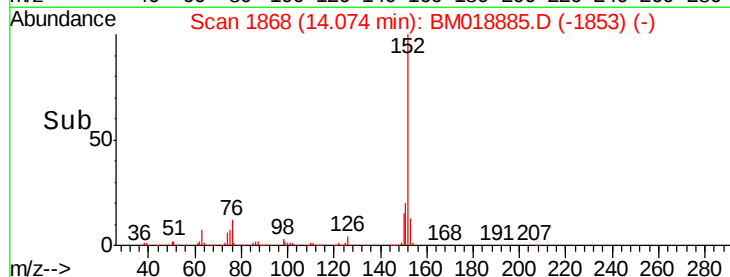
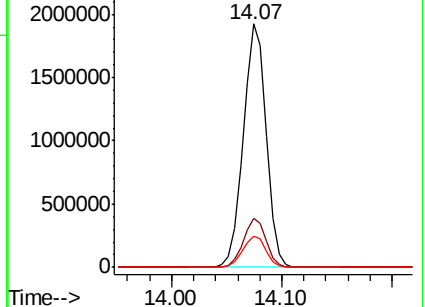
153 12.8 10.5 15.7



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: 42.066 ng

RT: 13.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

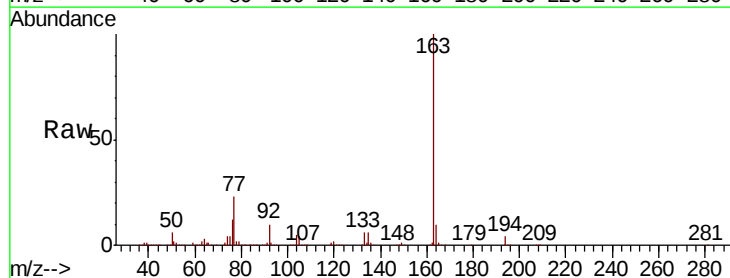
Tgt Ion:163 Resp: 2175820

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

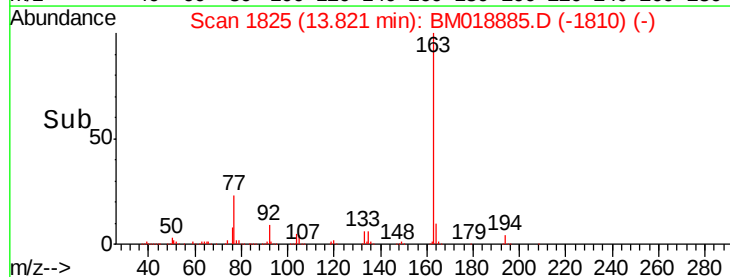
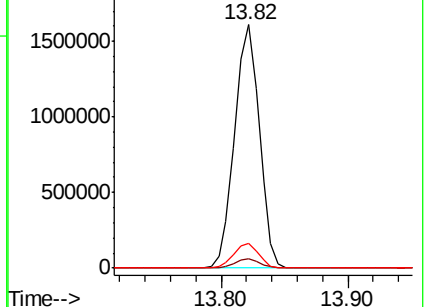
164 10.0 7.8 11.8

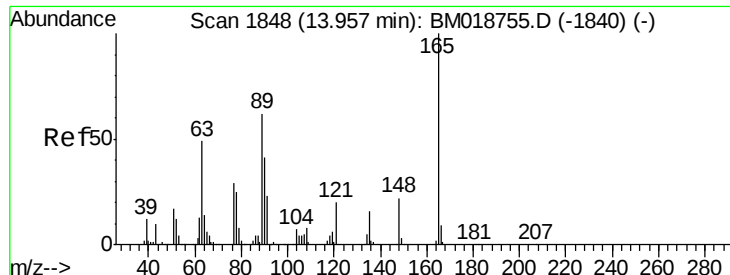


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

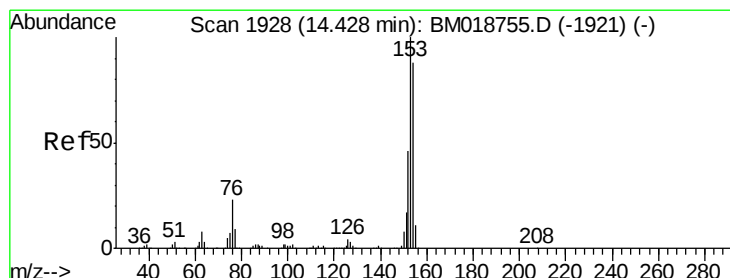
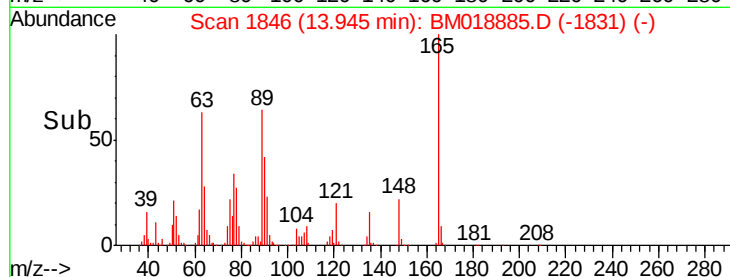
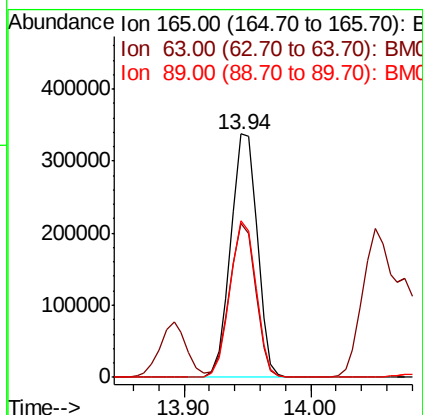
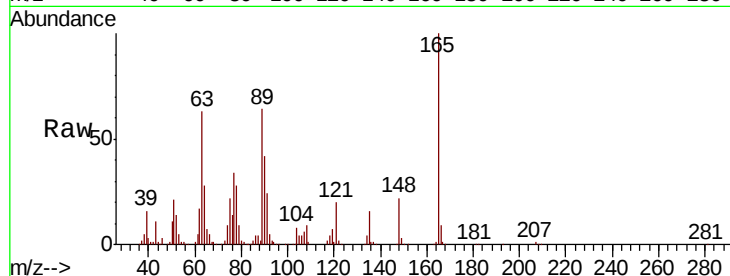




#51
2,6-Dinitrotoluene
Concen: 43.533 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

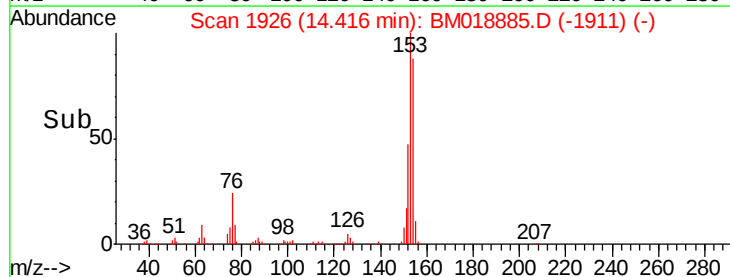
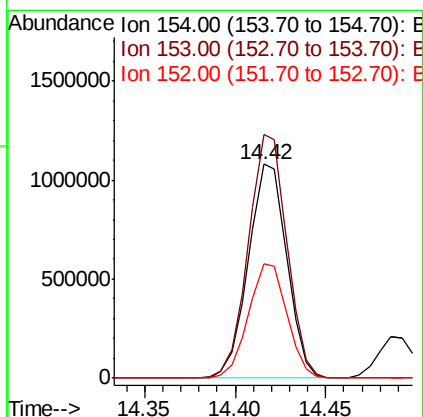
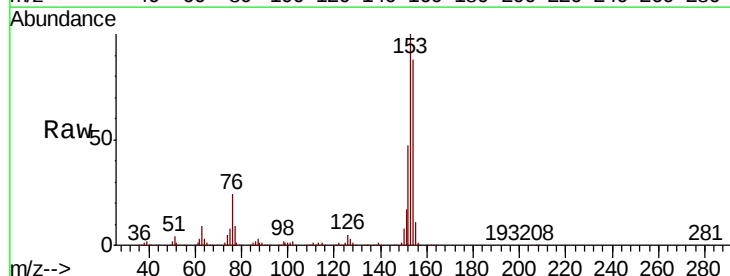
Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tgt Ion:165 Resp: 487773
Ion Ratio Lower Upper
165 100
63 63.1 48.9 73.3
89 64.5 49.4 74.0



#52
Acenaphthene
Concen: 42.343 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:154 Resp: 1595285
Ion Ratio Lower Upper
154 100
153 114.0 91.3 136.9
152 53.4 42.2 63.4

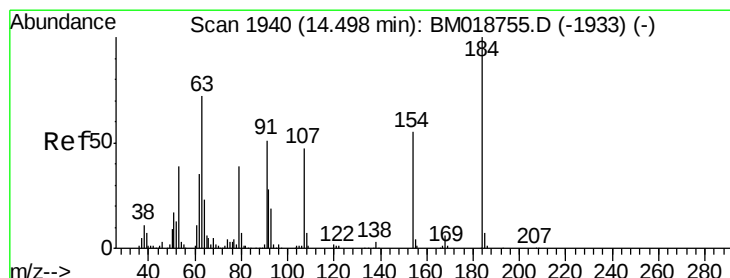
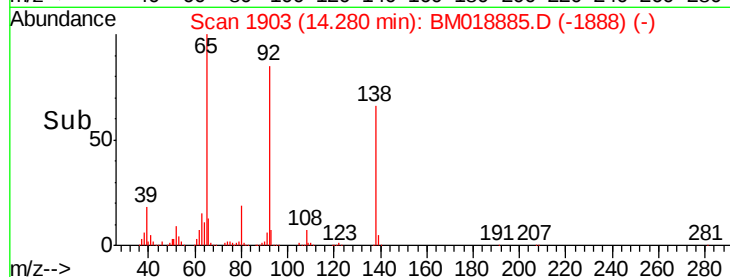
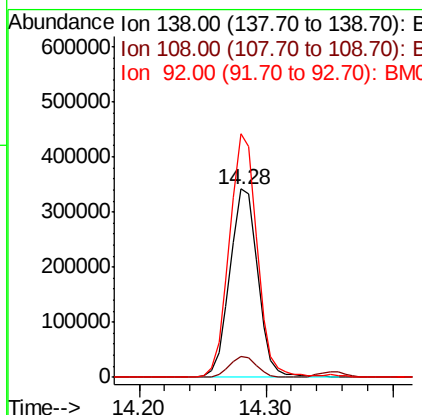
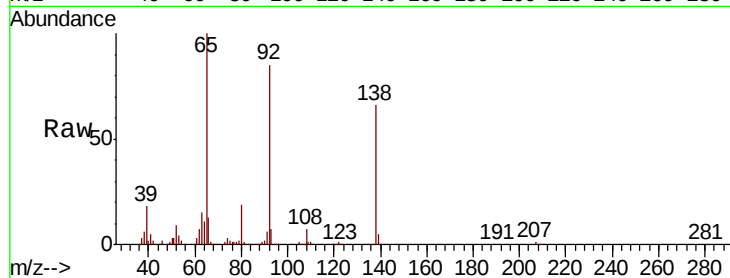




#53
3-Nitroaniline
Concen: 41.291 ng
RT: 14.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

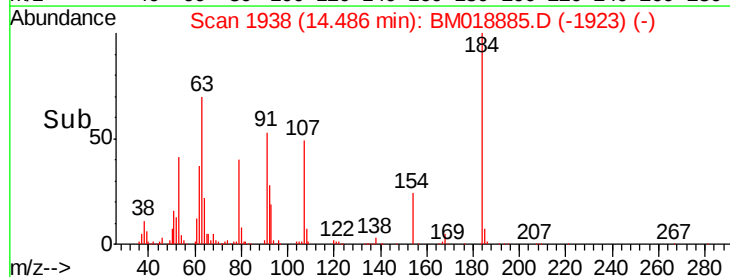
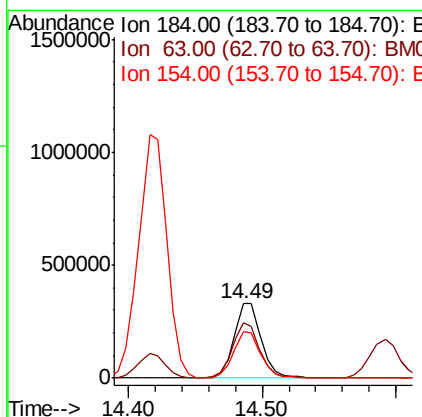
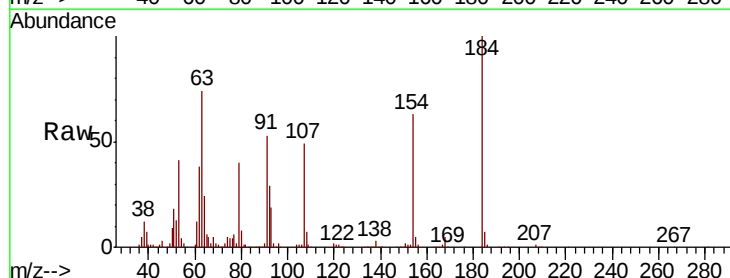
Instrument :
BNA_M
ClientSampleId :
PB117235BSD

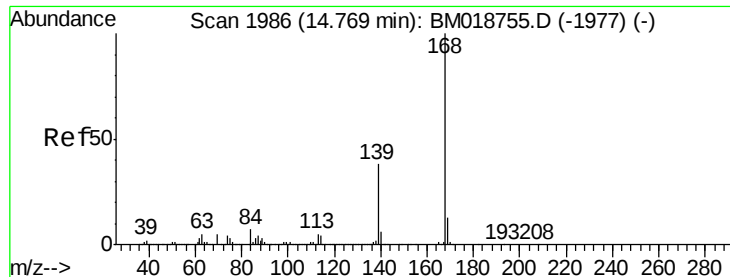
Tgt Ion:138 Resp: 522738
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 129.3 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 67.584 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:184 Resp: 473644
Ion Ratio Lower Upper
184 100
63 74.4 58.0 87.0
154 63.1 50.3 75.5





#55

Dibenzofuran

Concen: 42.390 ng

RT: 14.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

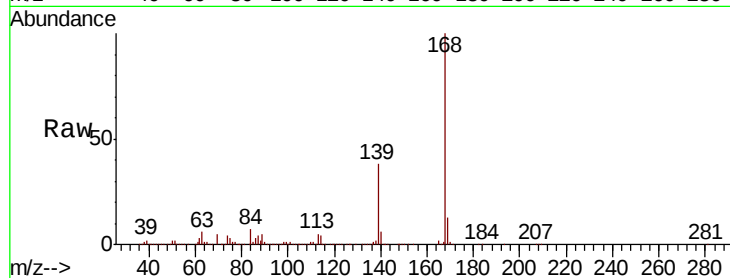
Tgt Ion:168 Resp: 2624960

Ion Ratio Lower Upper

168 100

139 37.7 30.7 46.1

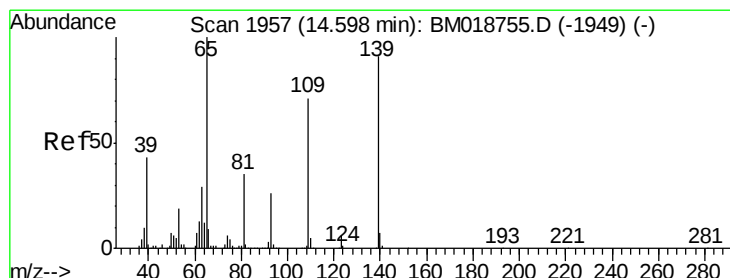
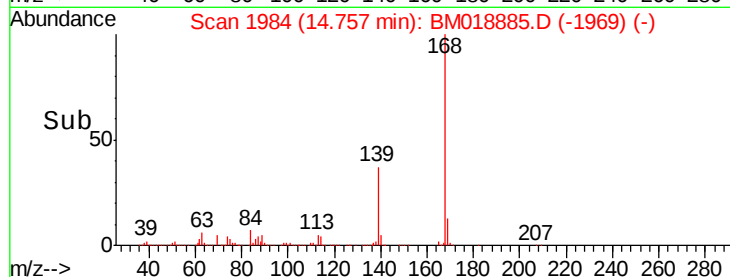
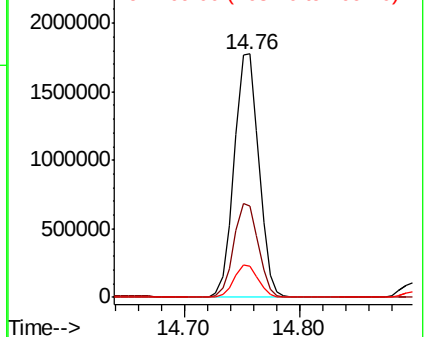
169 12.7 10.3 15.5



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: 82.538 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

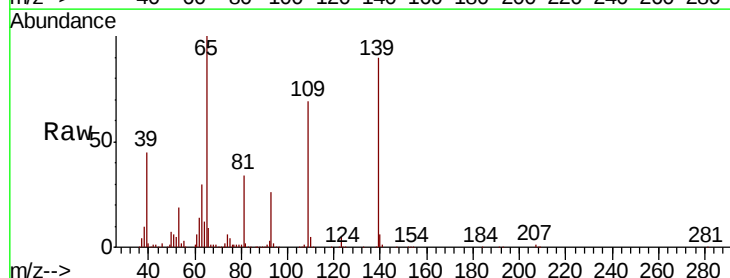
Tgt Ion:139 Resp: 834147

Ion Ratio Lower Upper

139 100

109 77.3 58.4 98.4

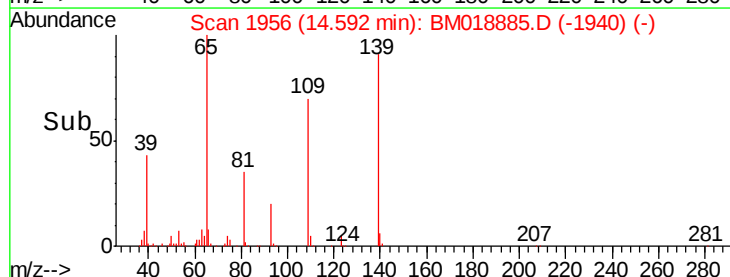
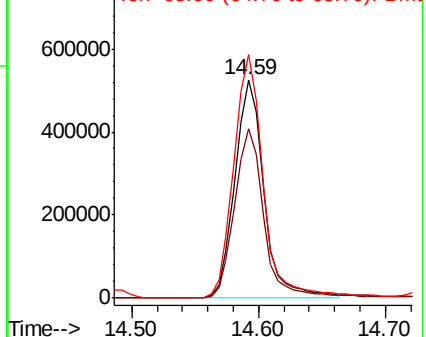
65 111.5 89.8 129.8

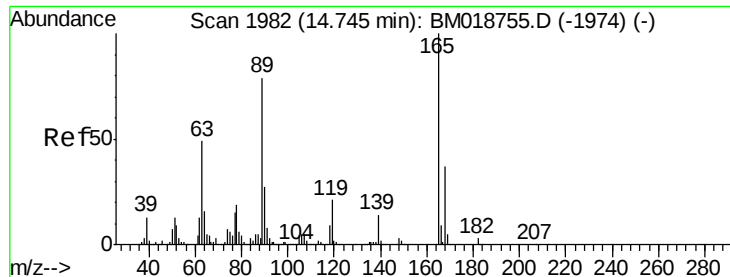


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

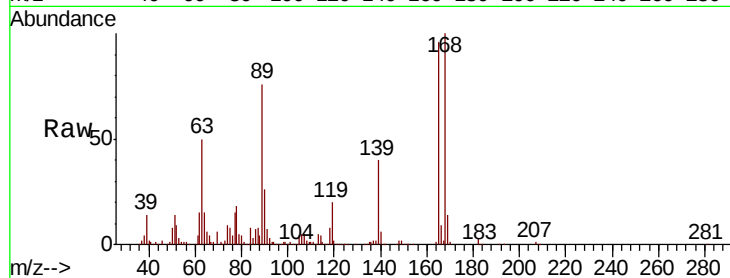




#57
2,4-Dinitrotoluene
Concen: 44.821 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.4	39.6	59.4
89	79.8	63.5	95.3
182	2.9	2.2	3.4



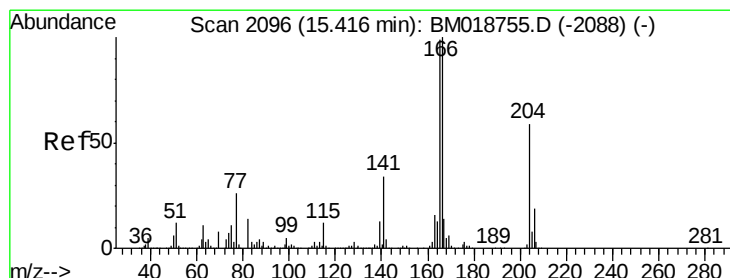
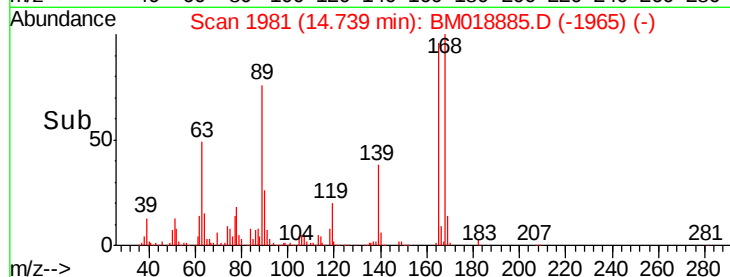
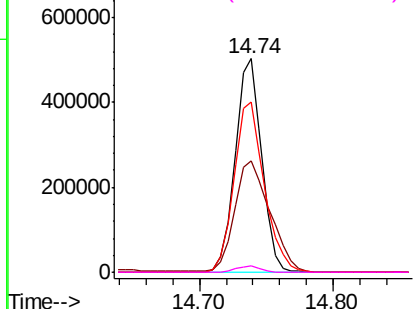
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

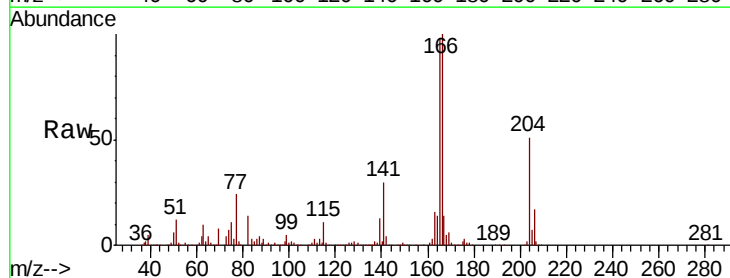
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.399 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	13.5	11.0	16.4

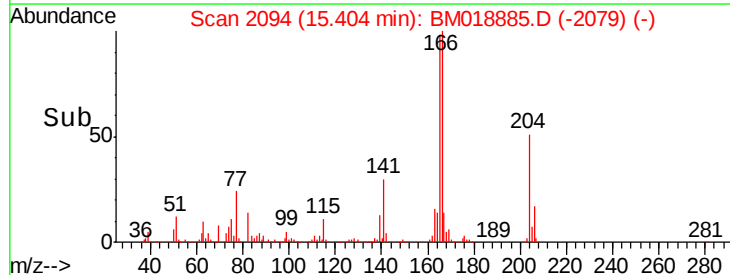
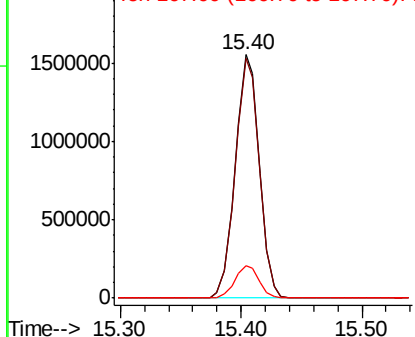


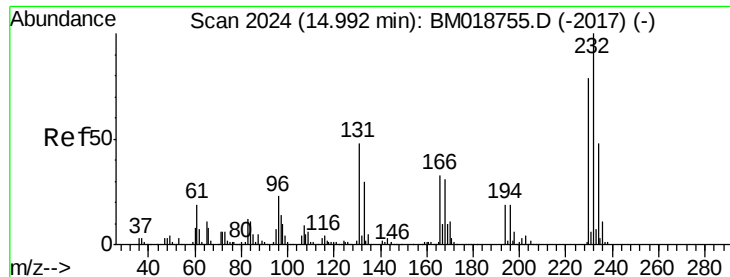
Abundance

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

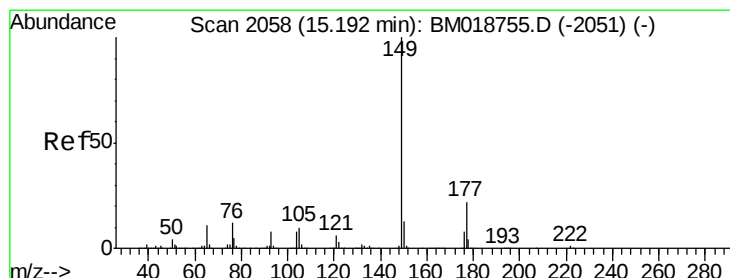
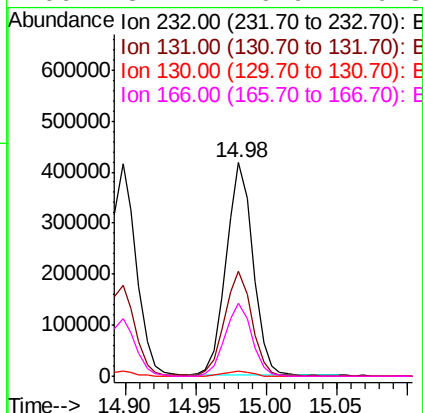
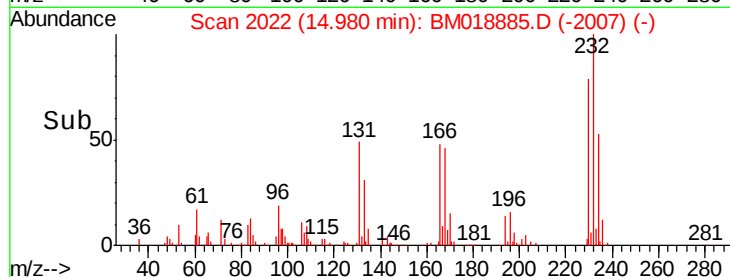
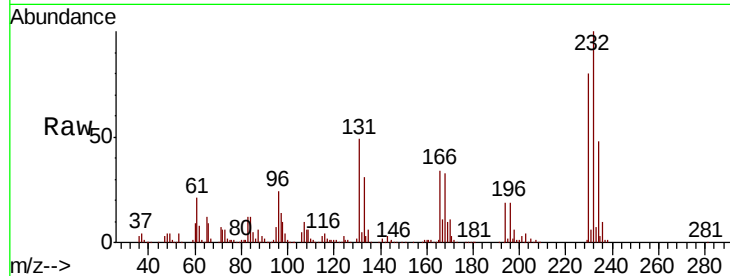




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.324 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

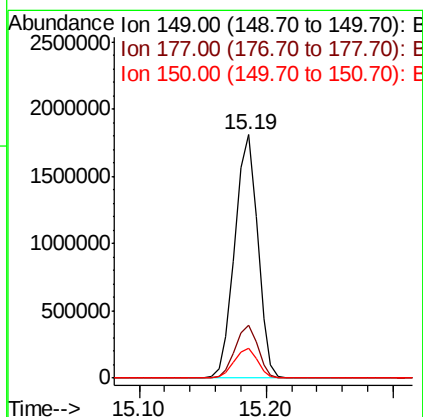
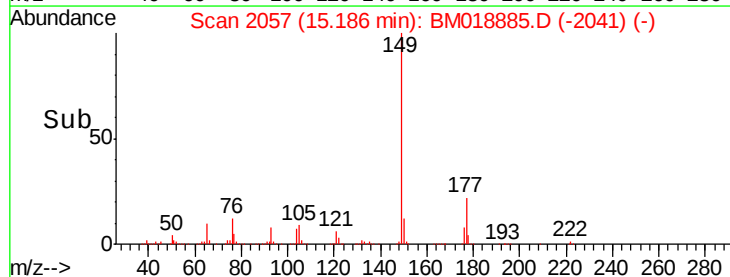
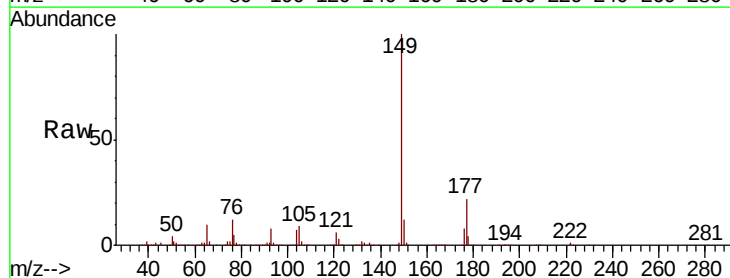
Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tgt Ion:	232	Resp:	551896
Ion	Ratio	Lower	Upper
232	100		
131	50.0	38.6	57.8
130	2.6	2.0	3.0
166	34.2	26.9	40.3



#60
Diethylphthalate
Concen: 42.289 ng
RT: 15.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:	149	Resp:	2256349
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.2	25.8
150	12.3	10.2	15.2

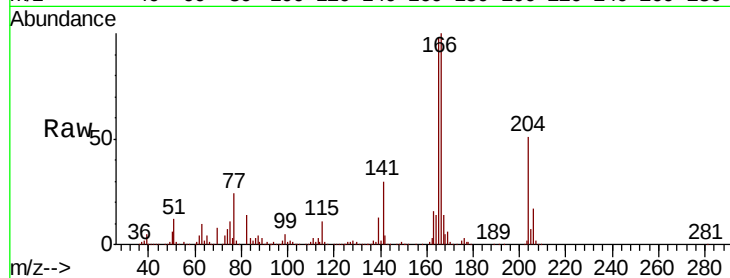




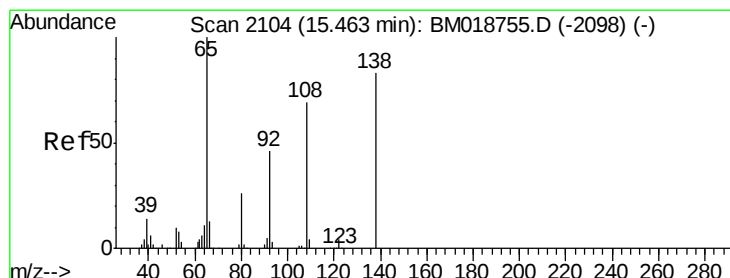
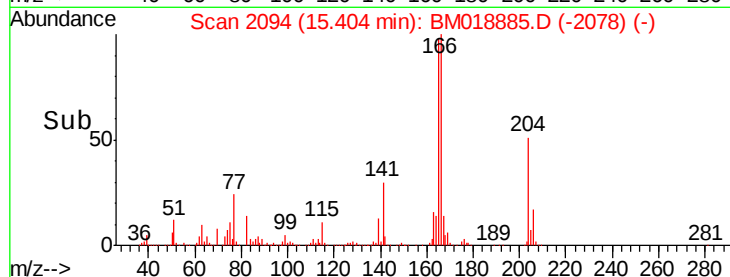
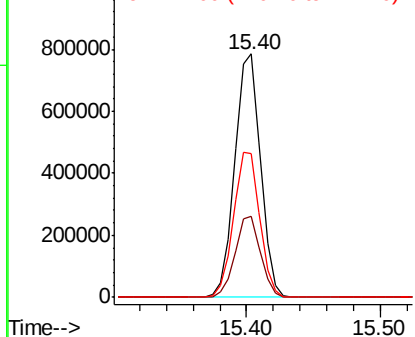
#61
4-Chlorophenyl-phenylether
Concen: 39.757 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tgt Ion:204 Resp: 1055999
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 59.1 49.2 73.8

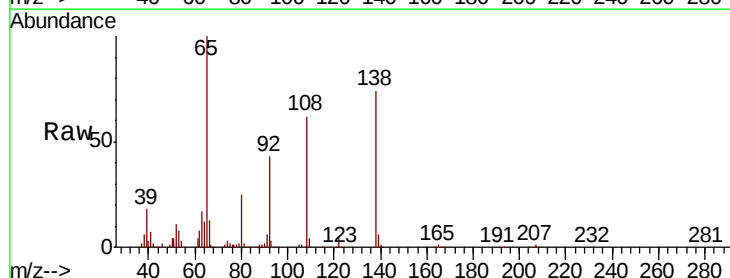


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

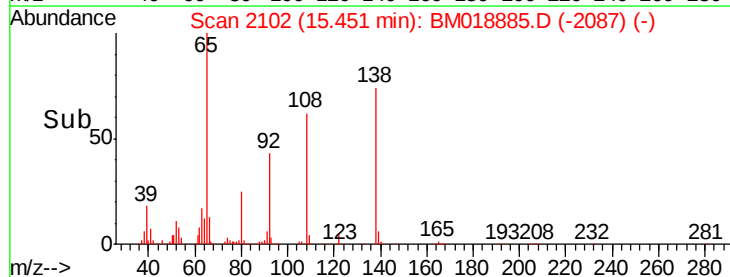
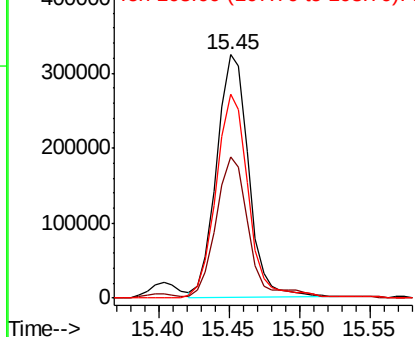


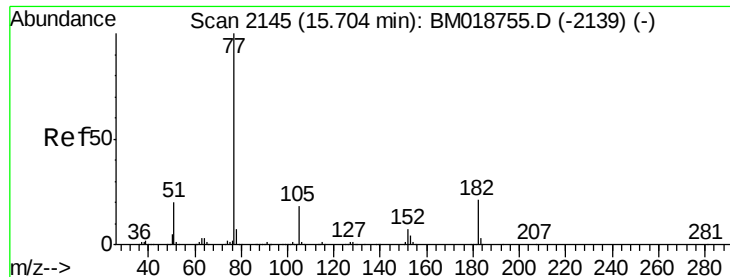
#62
4-Nitroaniline
Concen: 40.907 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:138 Resp: 507713
Ion Ratio Lower Upper
138 100
92 57.9 35.5 75.5
108 83.6 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: 42.889 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

Tgt Ion: 77 Resp: 2453588

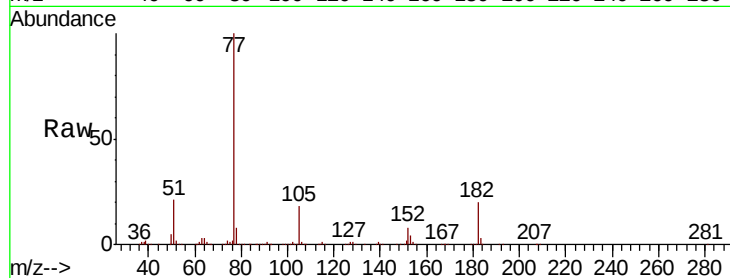
Ion Ratio Lower Upper

77 100

182 20.3 1.0 41.0

105 17.6 0.0 37.7

51 21.0 0.3 40.3

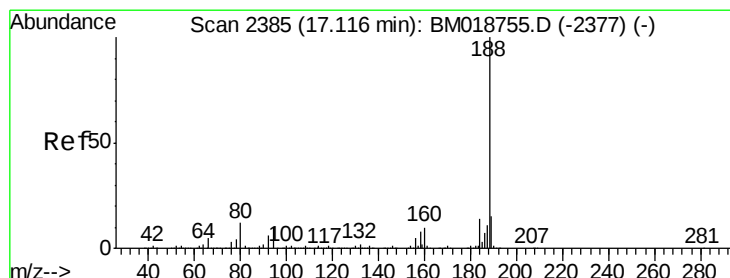
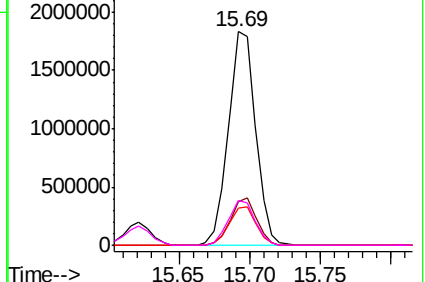
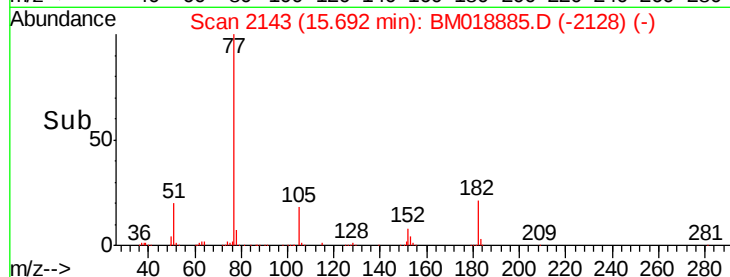


Abundance Ion 77.00 (76.70 to 77.70): BM018885.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM018885.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BM018885.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM018885.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

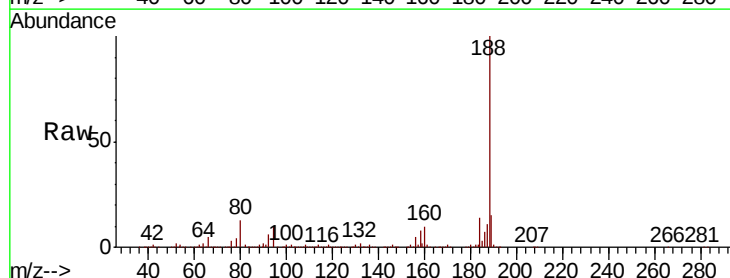
Tgt Ion: 188 Resp: 1414210

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

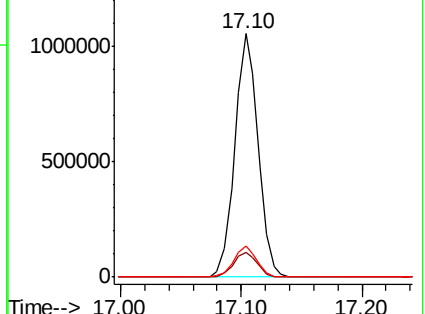
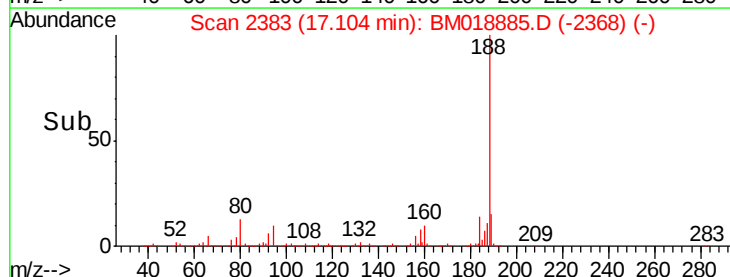
80 12.6 9.7 14.5

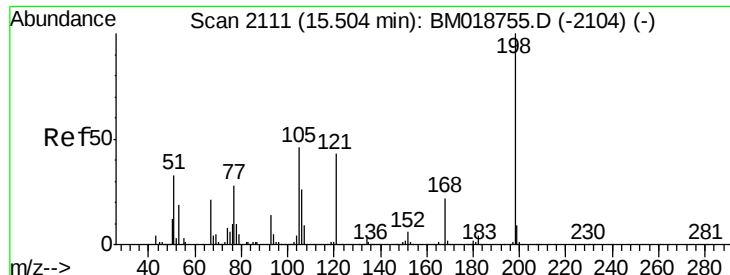


Abundance Ion 188.00 (187.70 to 188.70): BM018885.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018885.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018885.D (-2368) (-)

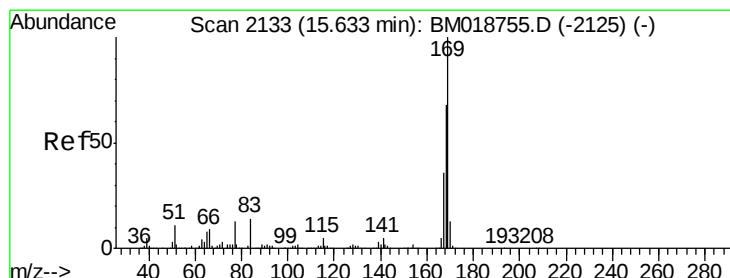
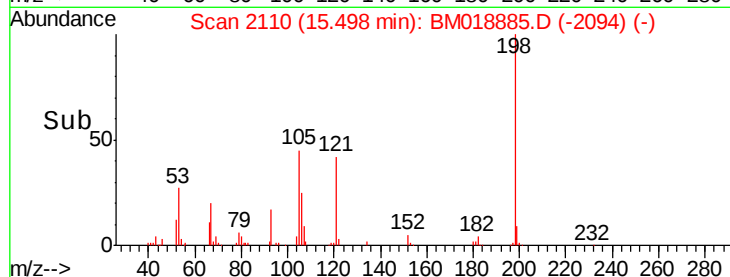
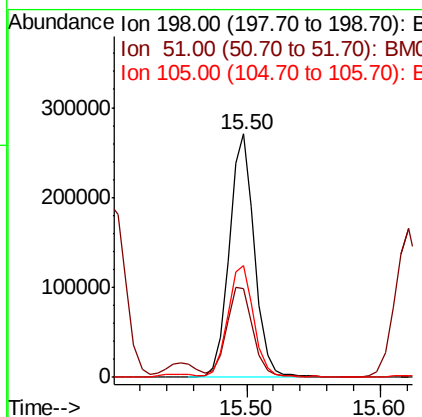
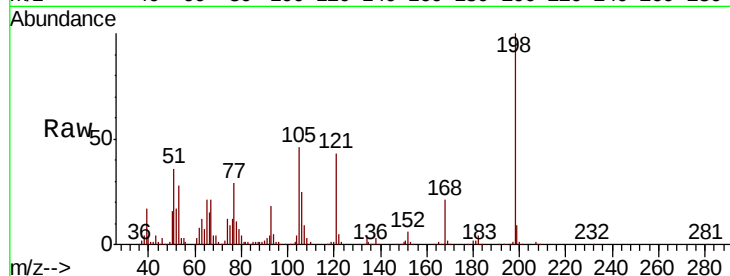




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.823 ng
 RT: 15.50 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

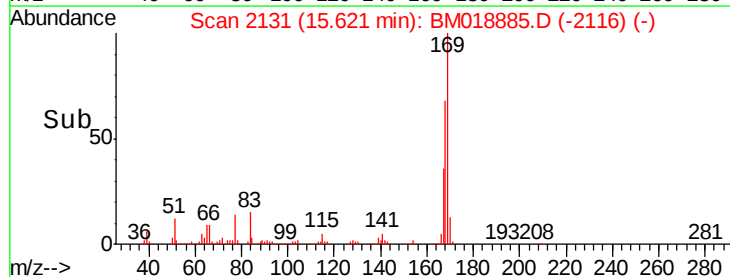
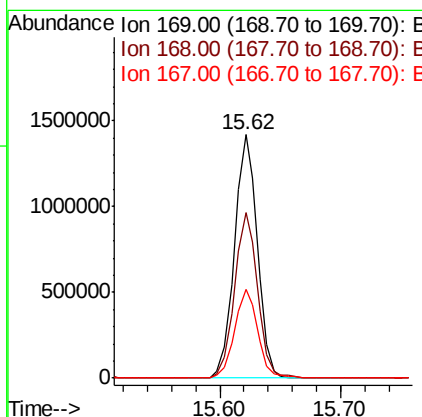
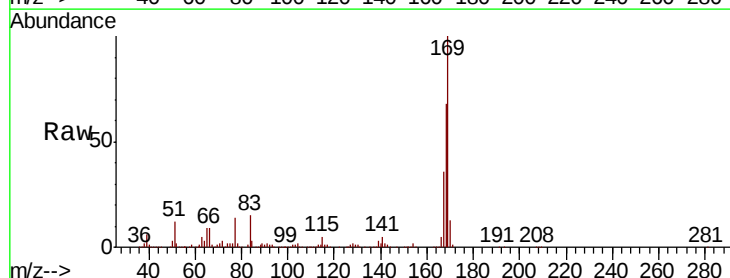
Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

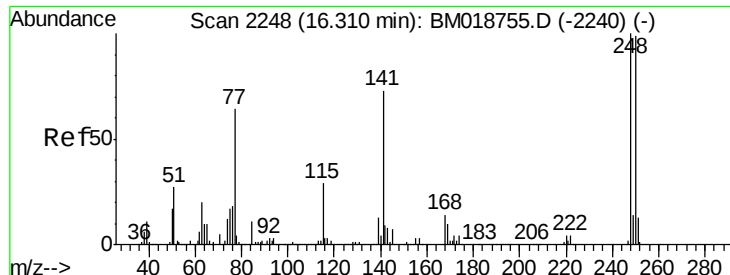
Tgt Ion:198 Resp: 355696
 Ion Ratio Lower Upper
 198 100
 51 36.4 18.4 58.4
 105 45.7 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 41.874 ng
 RT: 15.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion:169 Resp: 1870941
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.4 81.6
 167 36.5 29.0 43.6

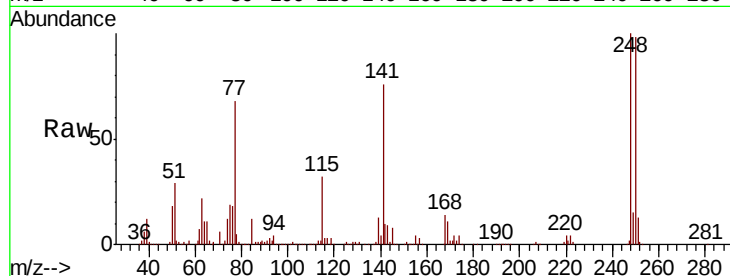




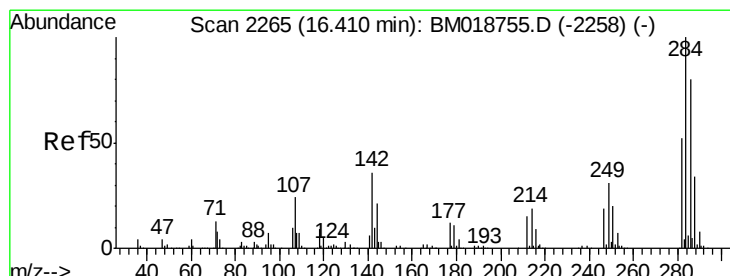
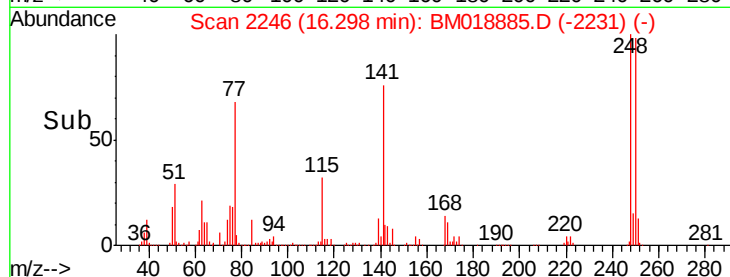
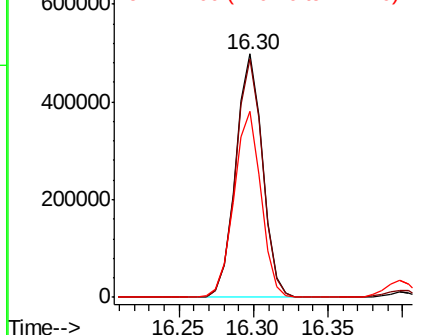
#67
4-Bromophenyl-phenylether
Concen: 39.494 ng
RT: 16.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tgt Ion:248 Resp: 625183
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.6
141 76.4 58.6 88.0

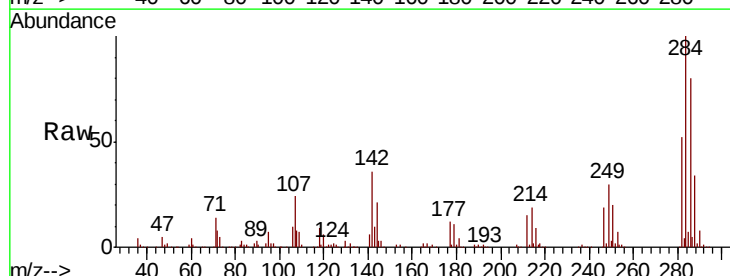


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

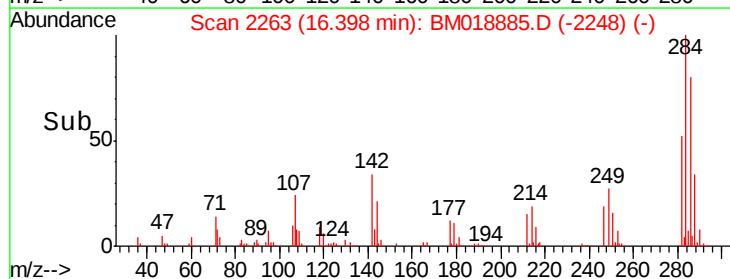
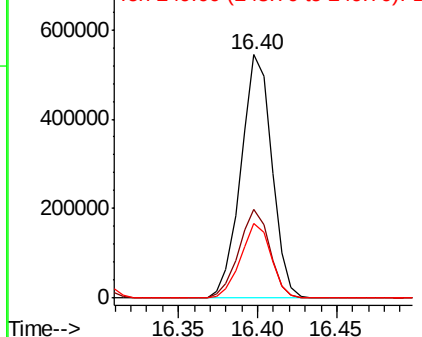


#68
Hexachlorobenzene
Concen: 39.971 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:284 Resp: 735450
Ion Ratio Lower Upper
284 100
142 36.5 28.9 43.3
249 30.4 24.8 37.2



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





#69

Atrazine

Concen: 43.096 ng

RT: 16.58 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

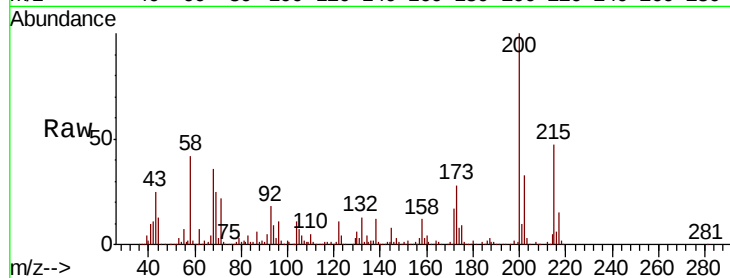
Tgt Ion:200 Resp: 620770

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

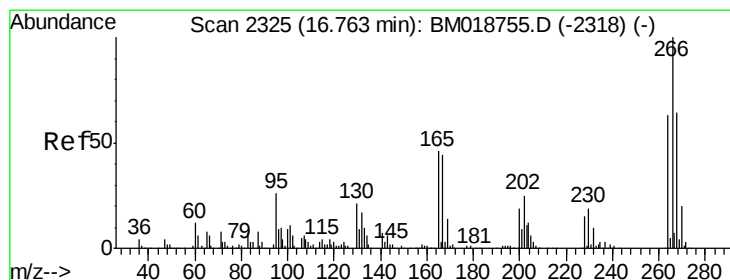
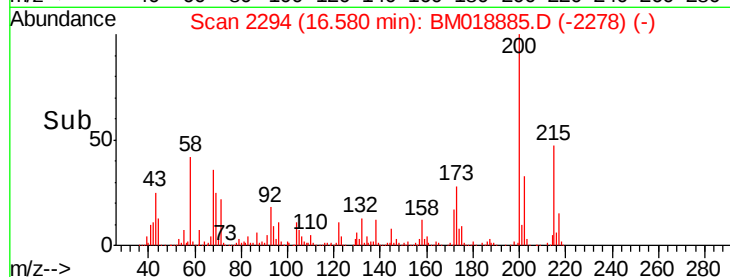
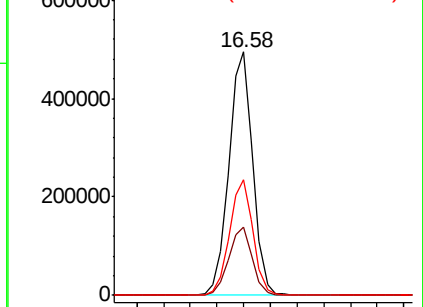
215 47.4 27.6 67.6



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: 80.639 ng

RT: 16.75 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

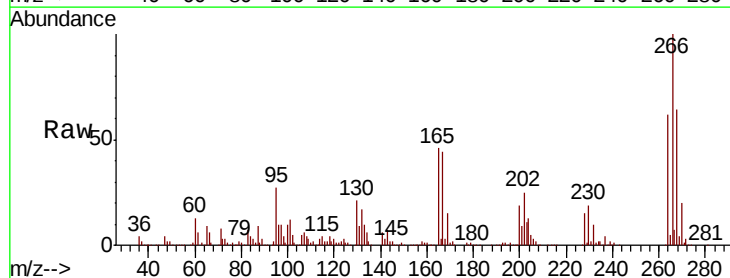
Tgt Ion:266 Resp: 955333

Ion Ratio Lower Upper

266 100

268 63.6 51.3 76.9

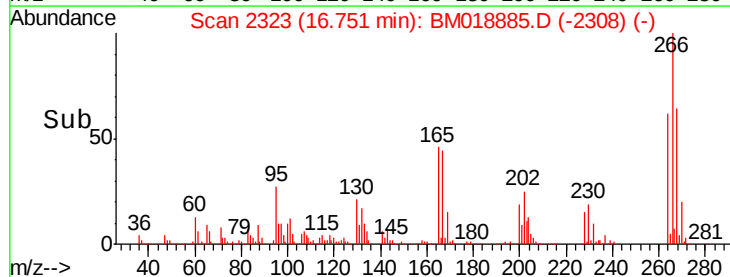
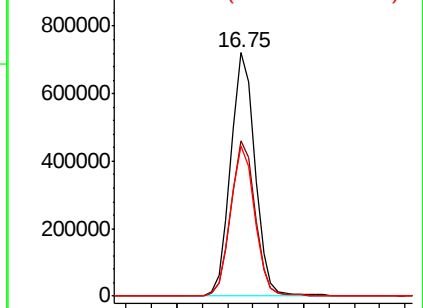
264 61.6 50.6 75.8

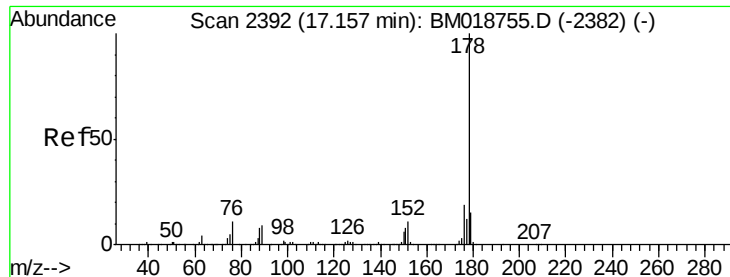


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.748 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

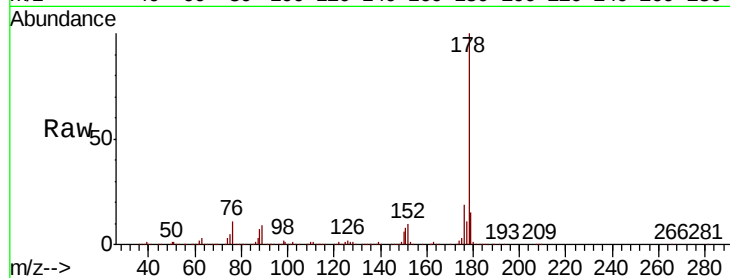
Tgt Ion:178 Resp: 3400919

Ion Ratio Lower Upper

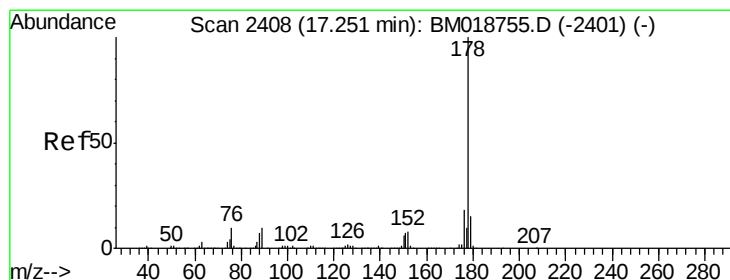
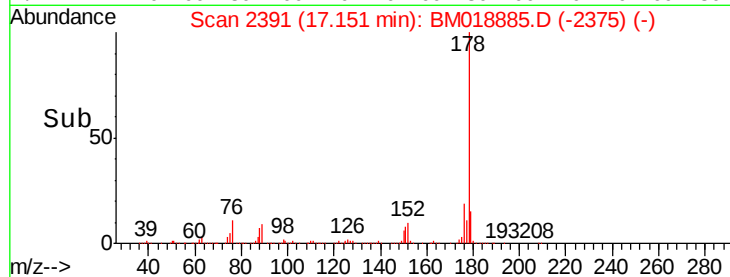
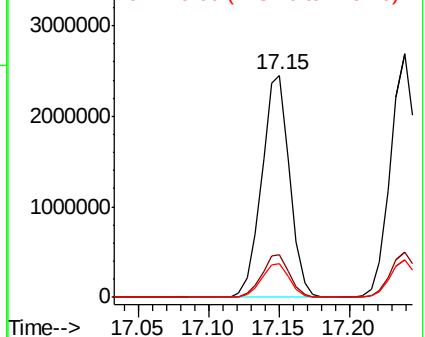
178 100

176 19.2 15.4 23.0

179 15.0 12.3 18.5



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



#72

Anthracene

Concen: 47.169 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

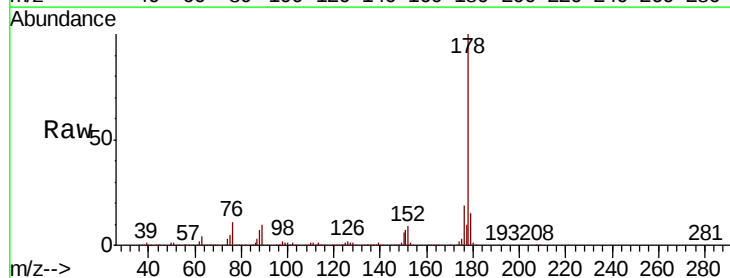
Tgt Ion:178 Resp: 3489312

Ion Ratio Lower Upper

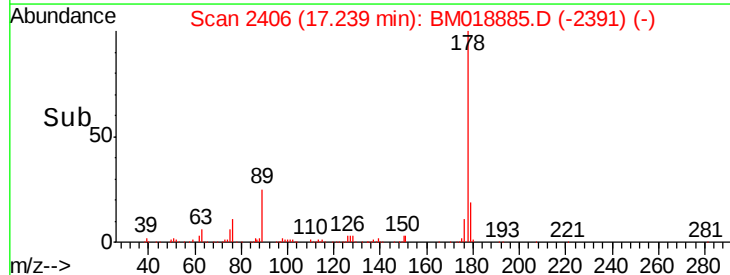
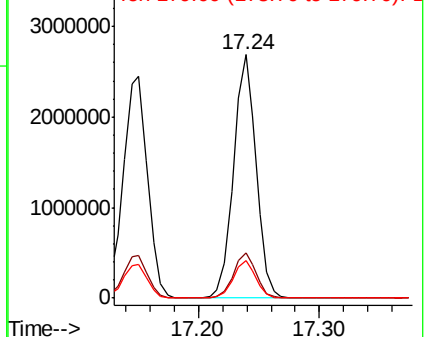
178 100

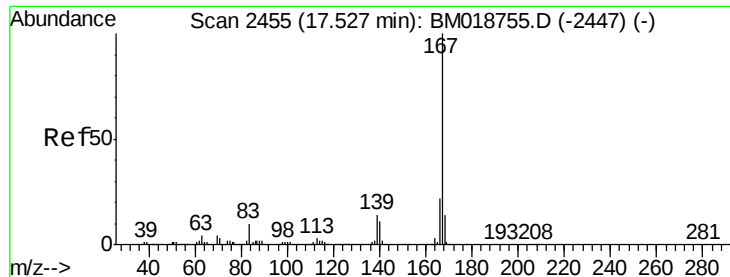
176 18.5 14.8 22.2

179 15.4 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

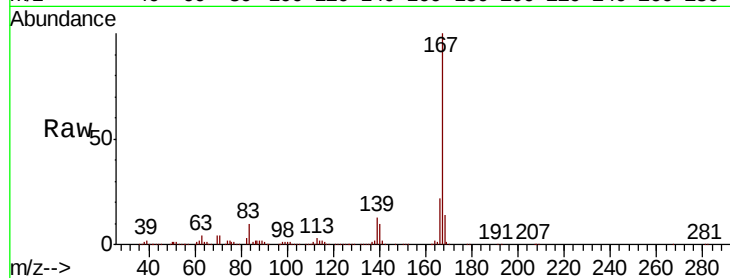




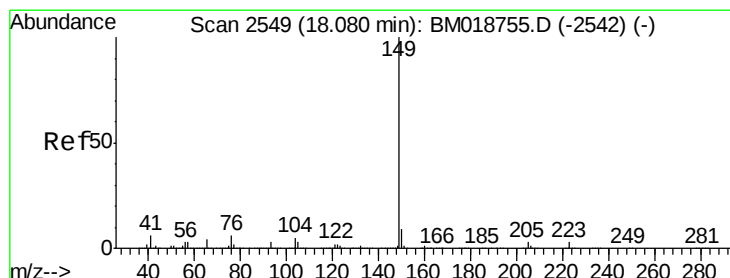
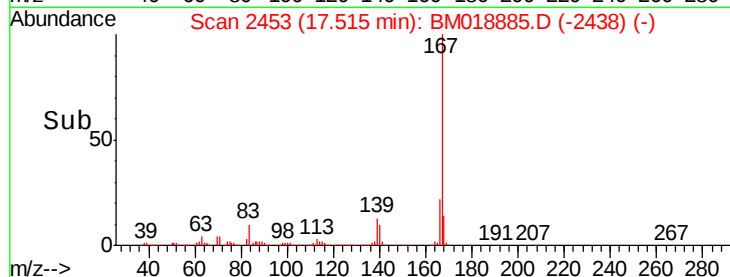
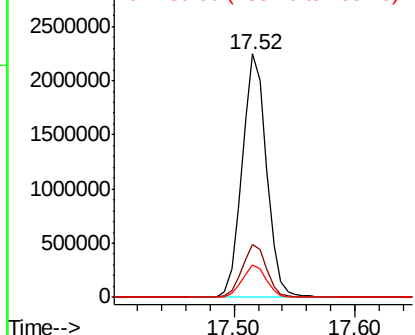
#73
 Carbazole
 Concen: 41.108 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tgt Ion:167 Resp: 3177052
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.4 10.9 16.3

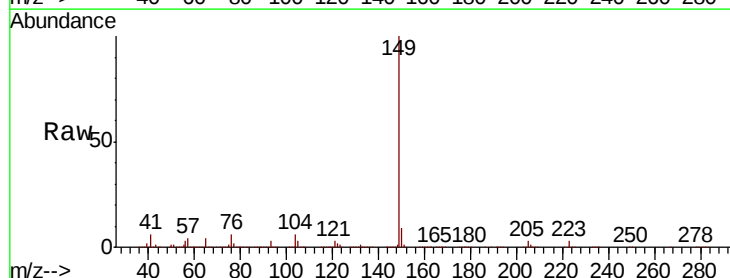


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

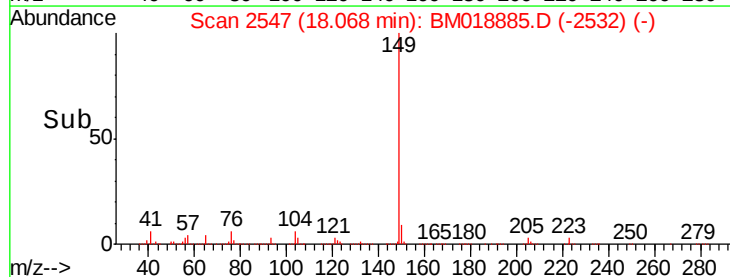
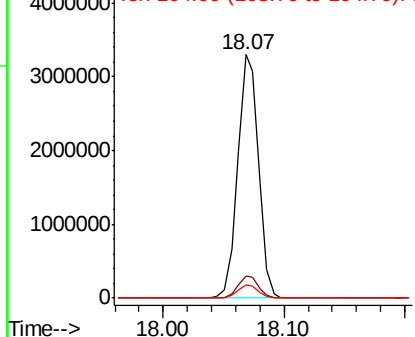


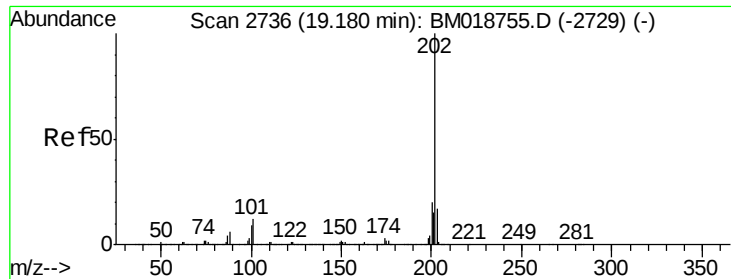
#74
 Di-n-butylphthalate
 Concen: 44.399 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion:149 Resp: 3946361
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.5 4.3 6.5



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





#75

Fluoranthene

Concen: 45.825 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

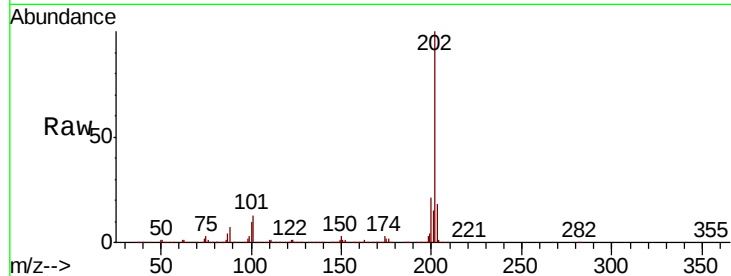
Tgt Ion:202 Resp: 4023056

Ion Ratio Lower Upper

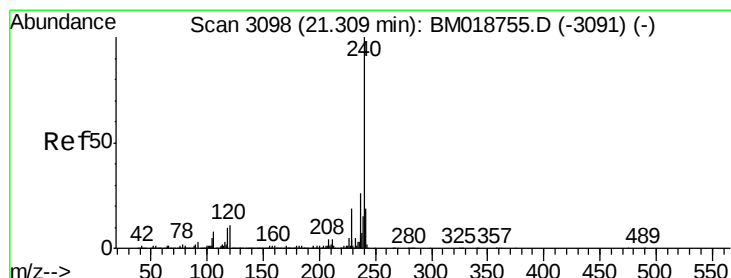
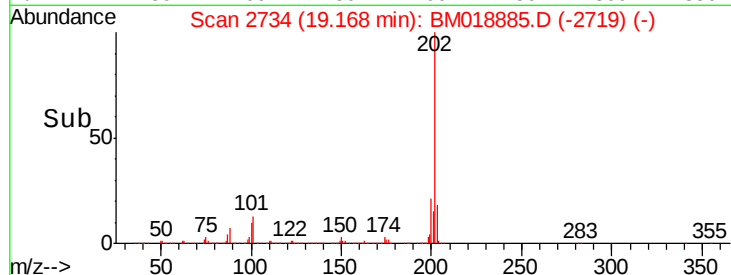
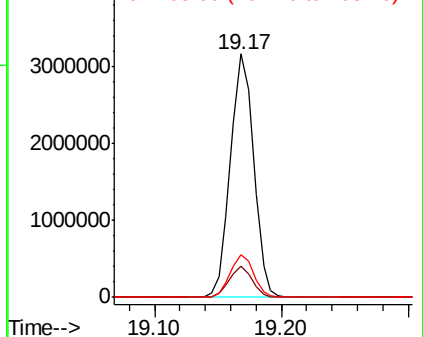
202 100

101 12.7 0.0 31.5

203 17.7 0.0 37.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

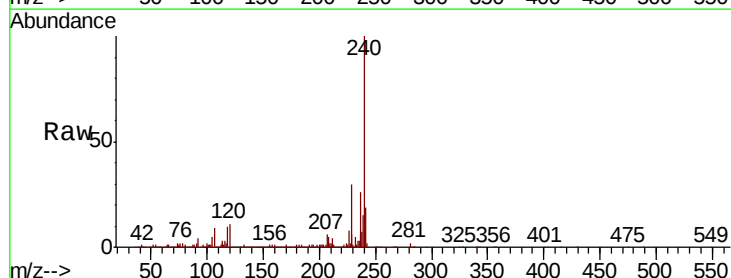
Tgt Ion:240 Resp: 1572349

Ion Ratio Lower Upper

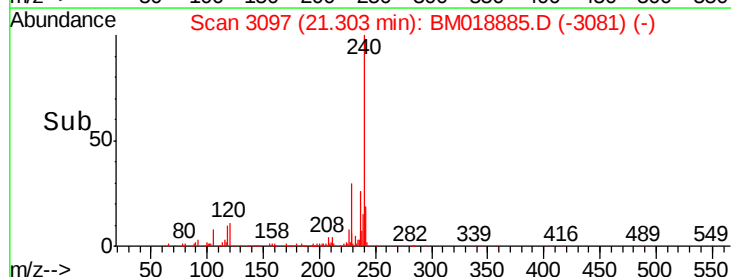
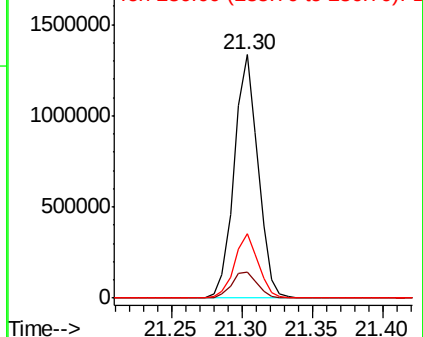
240 100

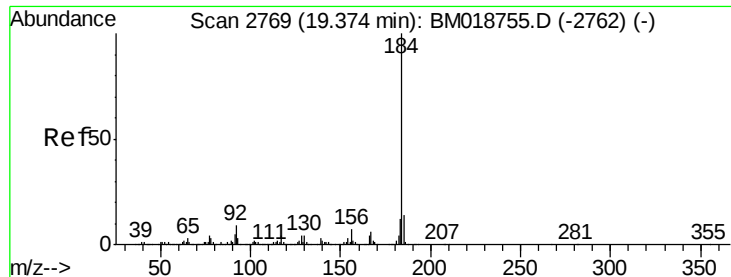
120 10.9 8.9 13.3

236 26.4 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: 109.266 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

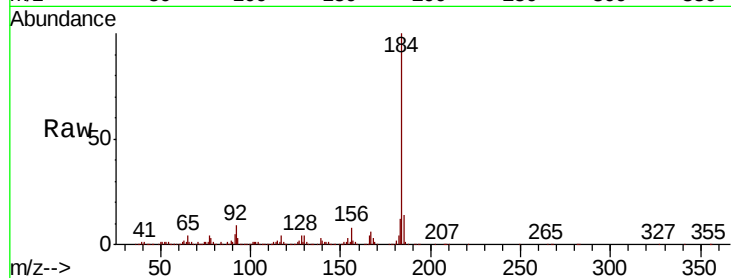
Tgt Ion:184 Resp: 3869262

Ion Ratio Lower Upper

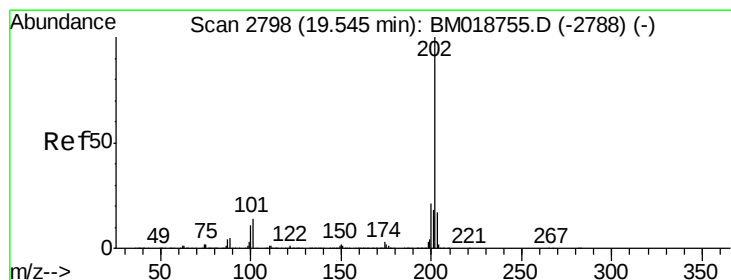
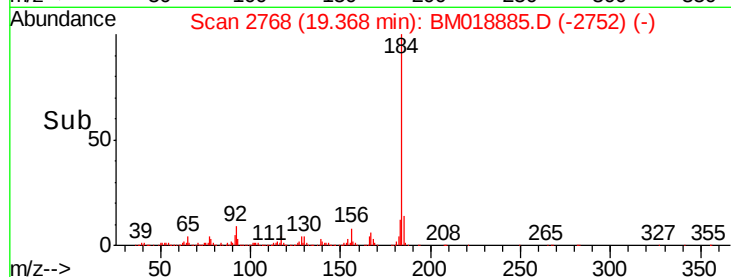
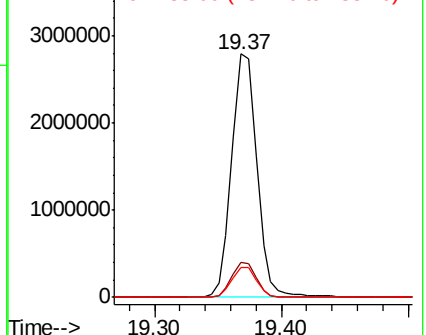
184 100

185 14.2 11.2 16.8

183 12.3 9.7 14.5



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



#78

Pyrene

Concen: 45.490 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

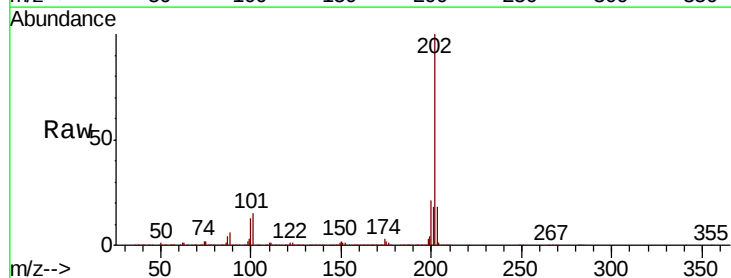
Tgt Ion:202 Resp: 4154151

Ion Ratio Lower Upper

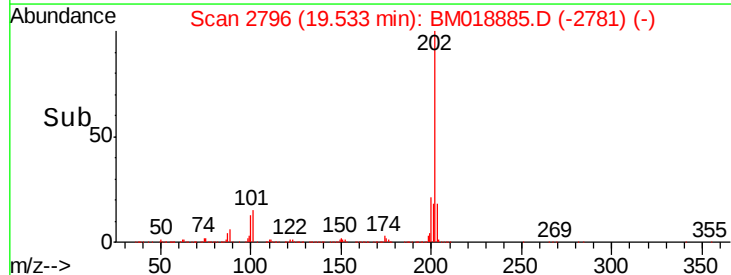
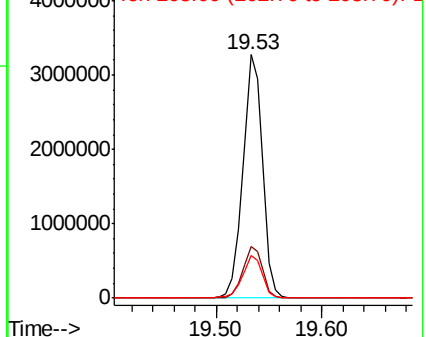
202 100

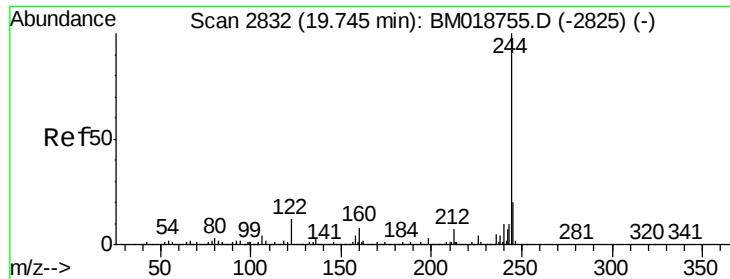
200 21.0 16.9 25.3

203 17.6 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.941 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

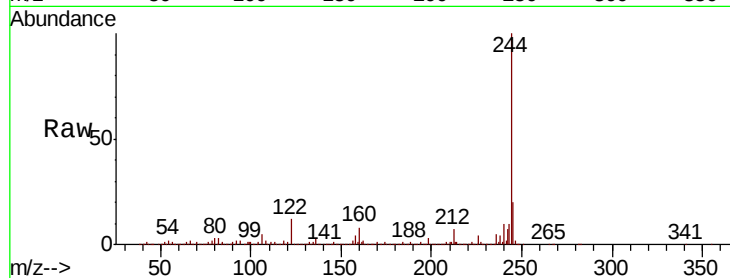
Tgt Ion:244 Resp: 6931549

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

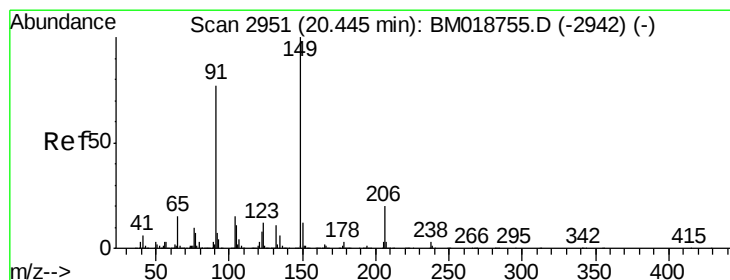
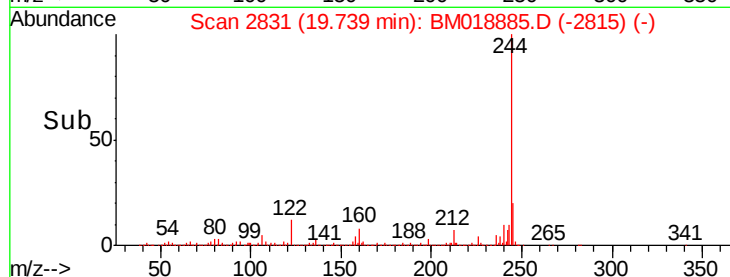
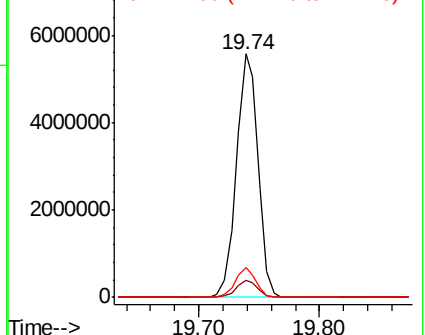
122 12.1 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.620 ng

RT: 20.44 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

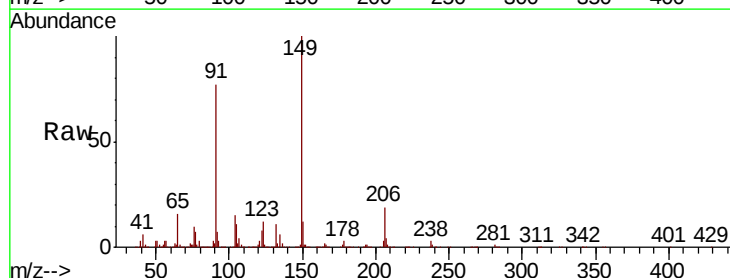
Tgt Ion:149 Resp: 1940249

Ion Ratio Lower Upper

149 100

91 76.7 61.4 92.0

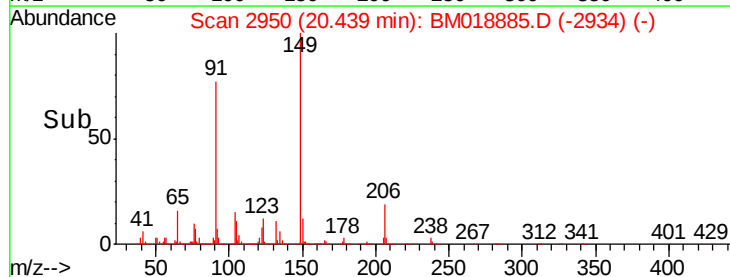
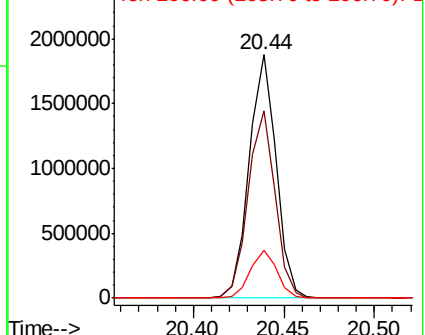
206 19.4 15.8 23.8

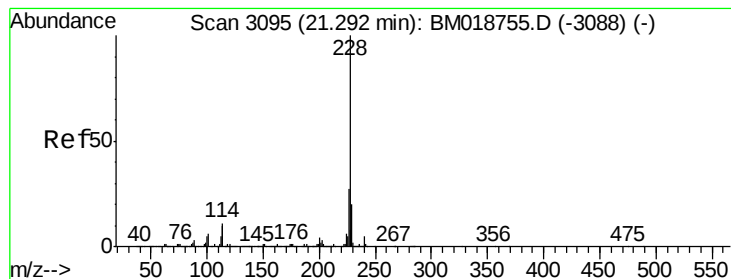


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.493 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

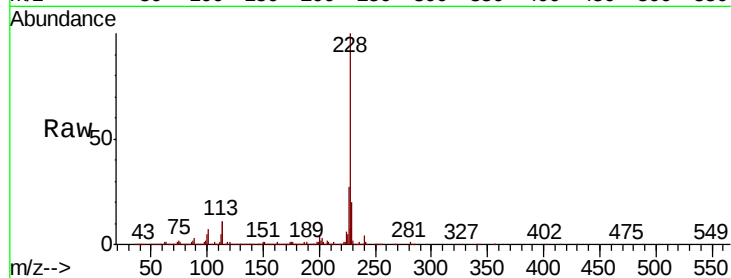
Tgt Ion:228 Resp: 4169663

Ion Ratio Lower Upper

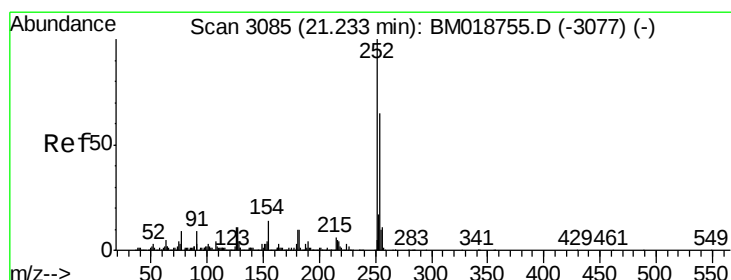
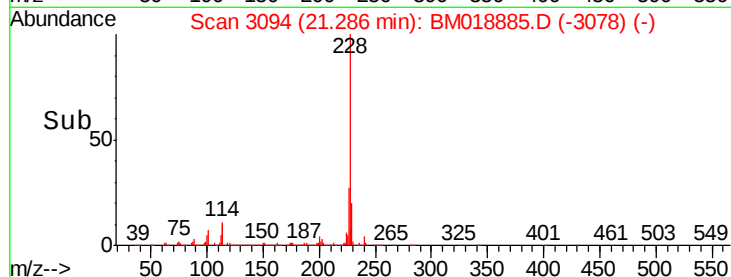
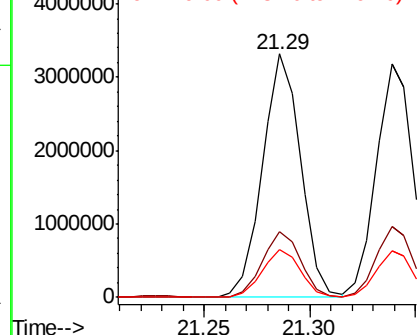
228 100

226 27.2 21.9 32.9

229 19.5 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 42.699 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

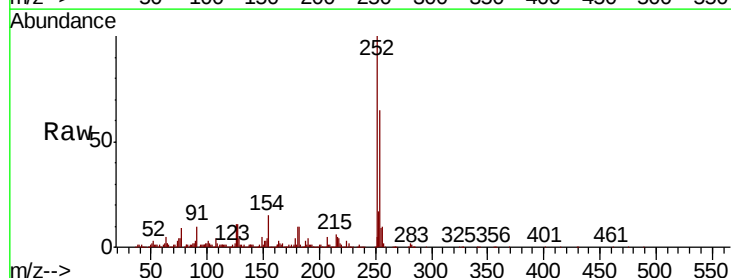
Tgt Ion:252 Resp: 1546714

Ion Ratio Lower Upper

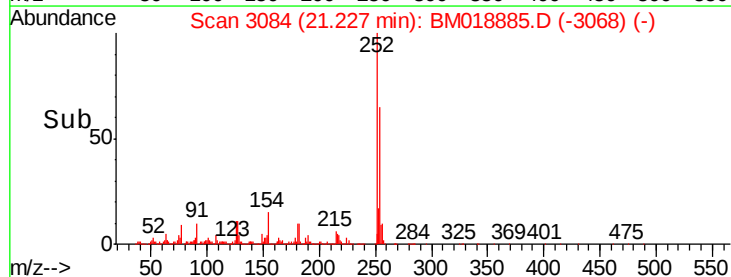
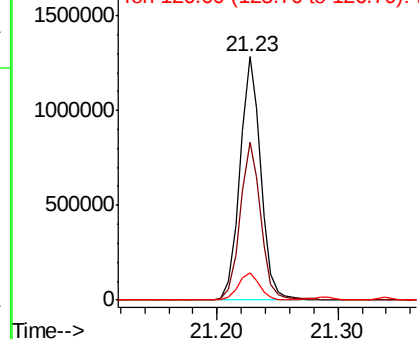
252 100

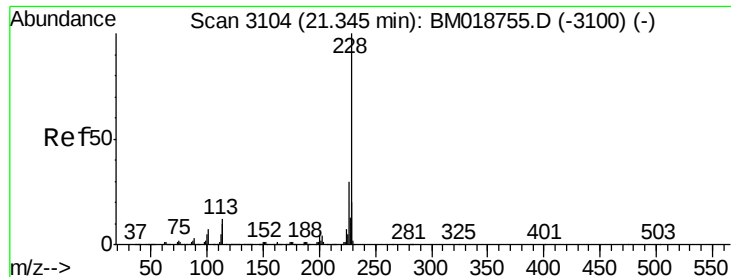
254 64.8 51.8 77.8

126 11.5 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: 43.979 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

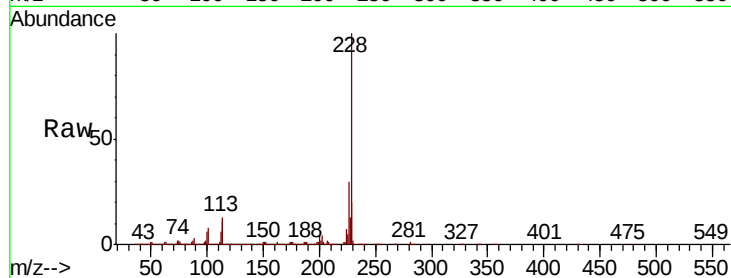
BNA_M

ClientSampleId :

PB117235BSD

Tgt Ion:228 Resp: 3863580

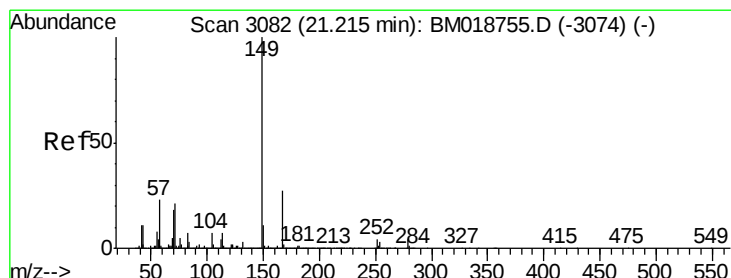
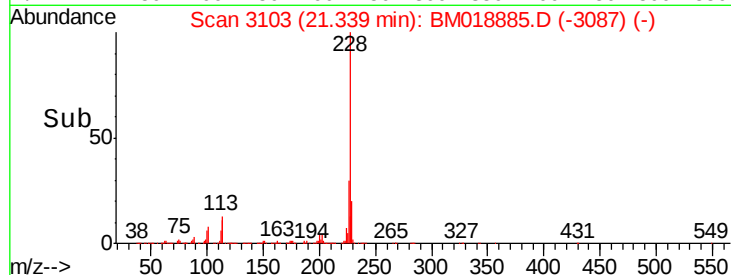
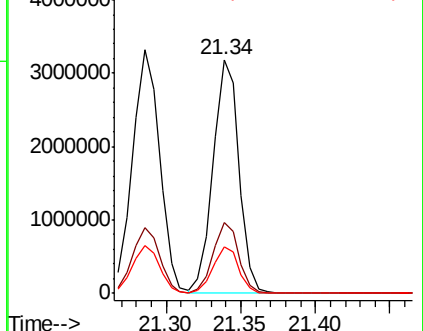
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	20.0	16.0	24.0



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: 46.280 ng

RT: 21.21 min Scan# 3081

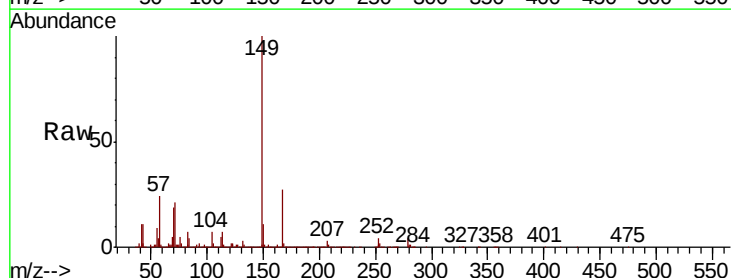
Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:149 Resp: 2819086

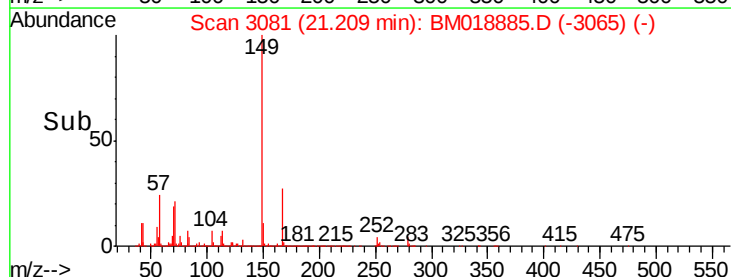
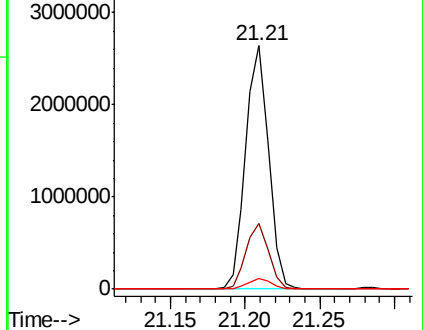
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.6
279	4.4	3.6	5.4

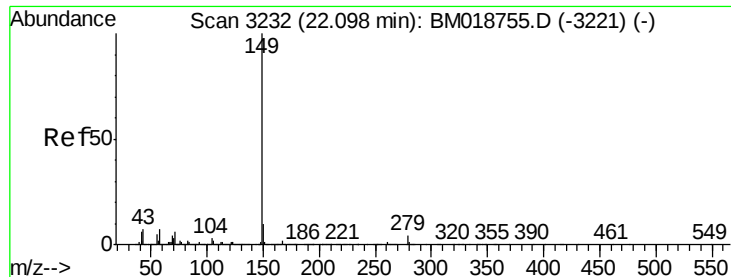


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.613 ng

RT: 22.09 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

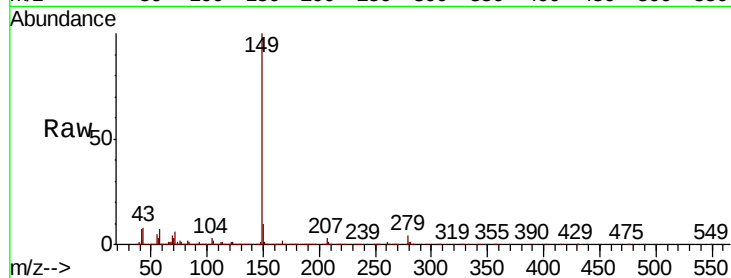
Tgt Ion:149 Resp: 4874479

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

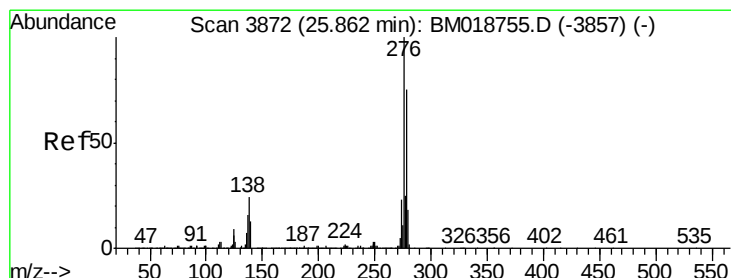
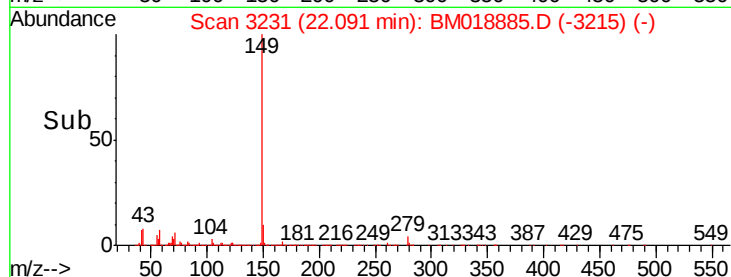
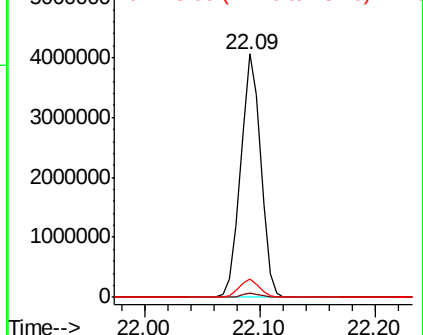
43 7.6 6.0 9.0



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: 39.988 ng

RT: 25.84 min Scan# 3869

Delta R.T. -0.02 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

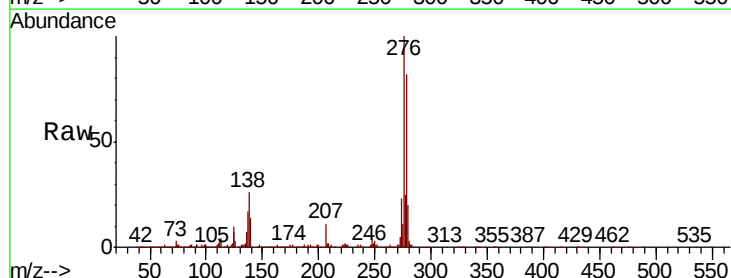
Tgt Ion:276 Resp: 4055860

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

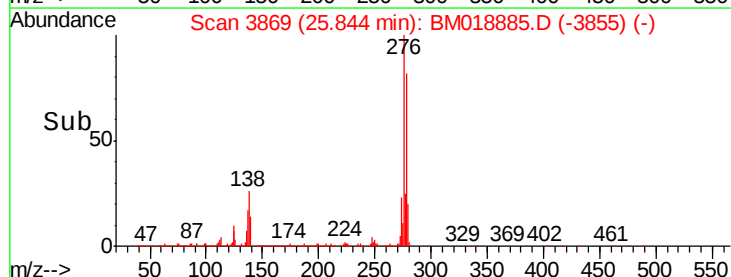
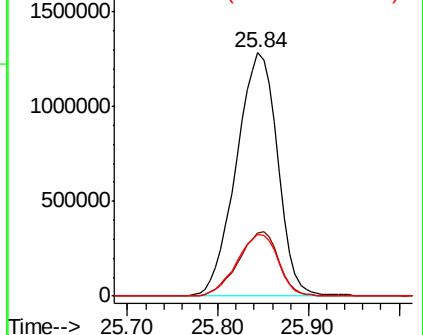
277 25.4 20.3 30.5

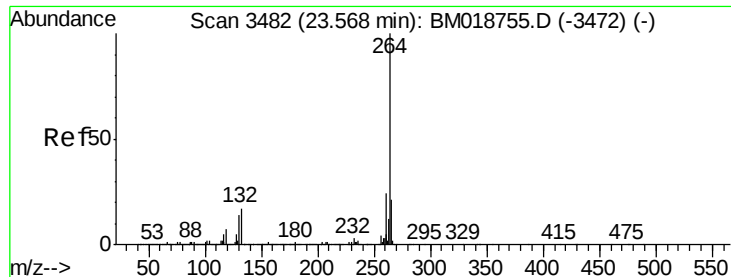


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

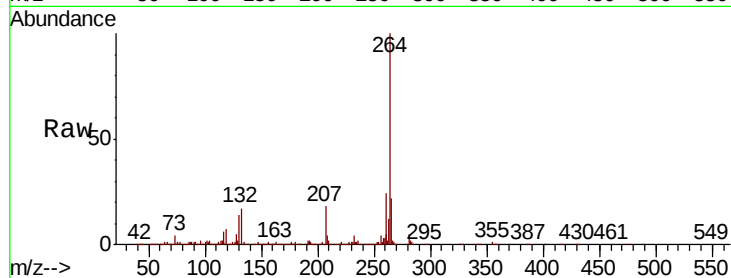
Tgt Ion:264 Resp: 1480522

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

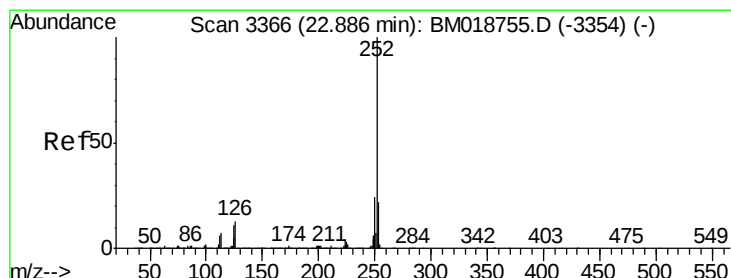
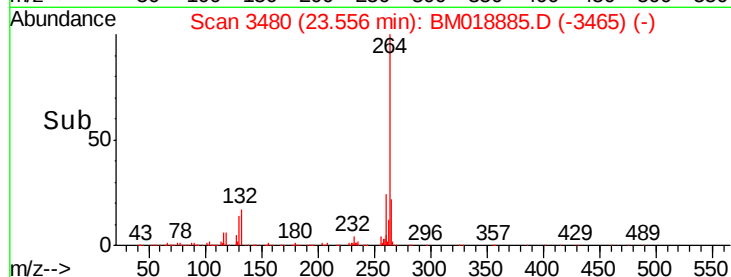
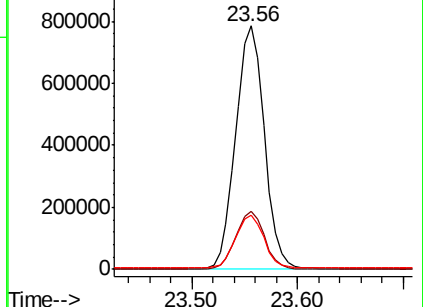
265 22.2 17.3 25.9



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: 47.122 ng

RT: 22.88 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

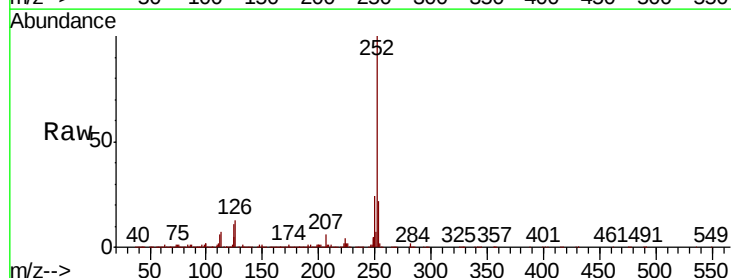
Tgt Ion:252 Resp: 3991571

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

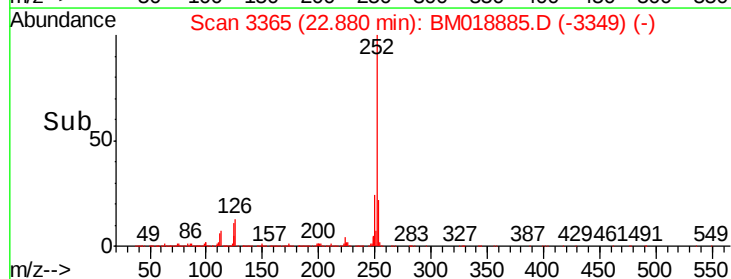
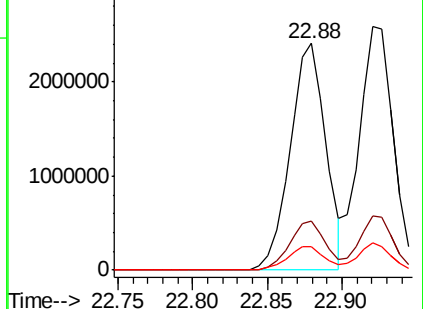
125 10.6 8.6 12.8

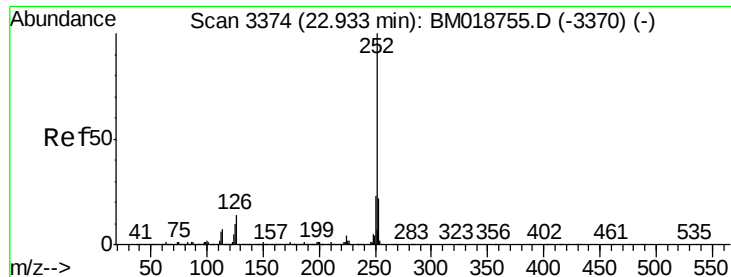


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

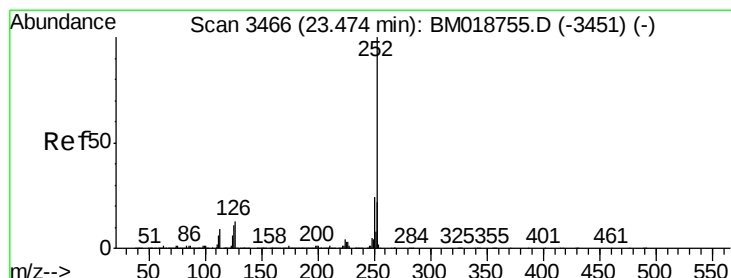
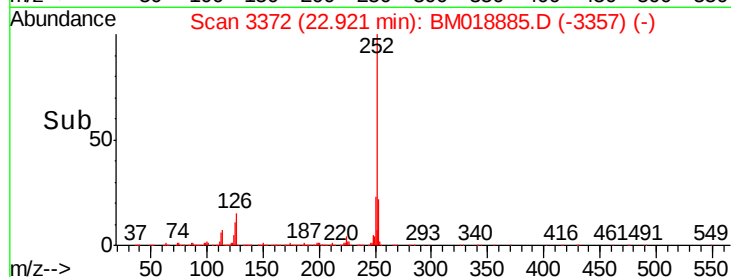
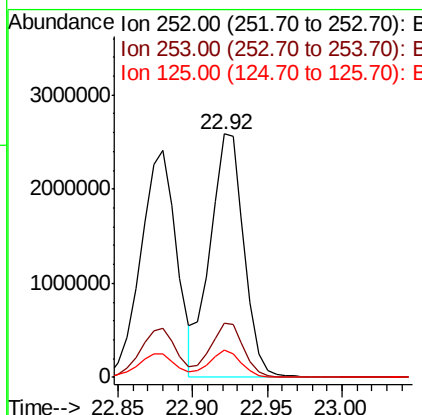
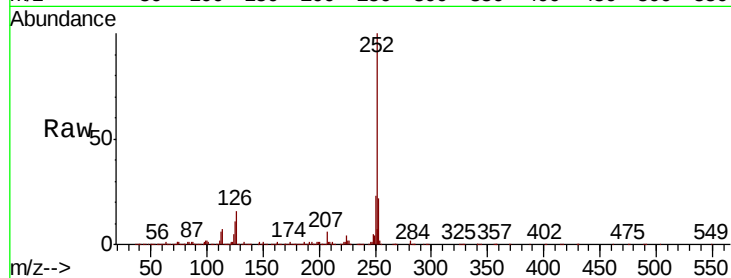




#89
Benzo(k)fluoranthene
Concen: 48.153 ng
RT: 22.92 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

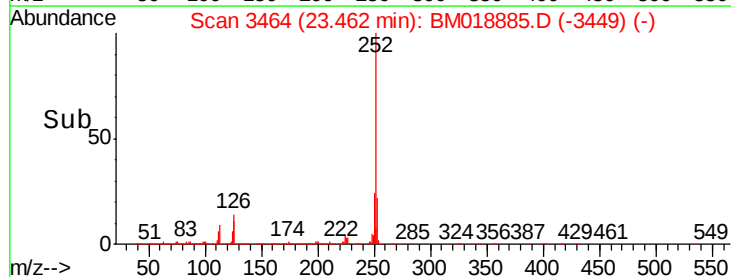
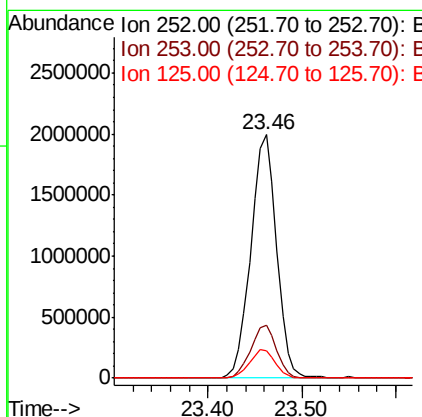
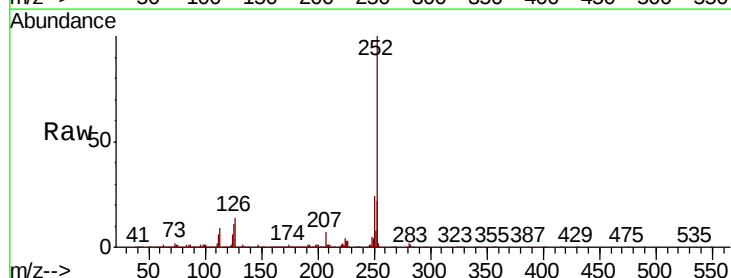
Instrument :
BNA_M
ClientSampleId :
PB117235BSD

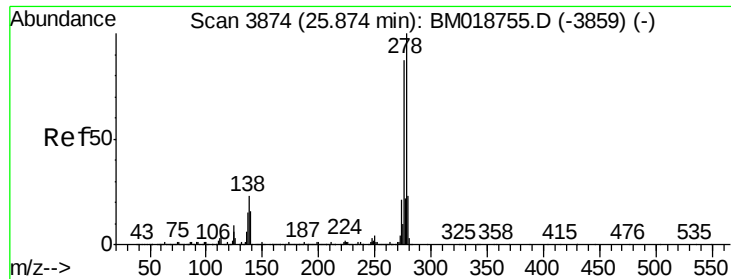
Tgt Ion:252 Resp: 4060755
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.0 8.2 12.4



#90
Benzo(a)pyrene
Concen: 47.085 ng
RT: 23.46 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:252 Resp: 3778310
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.3 8.6 13.0

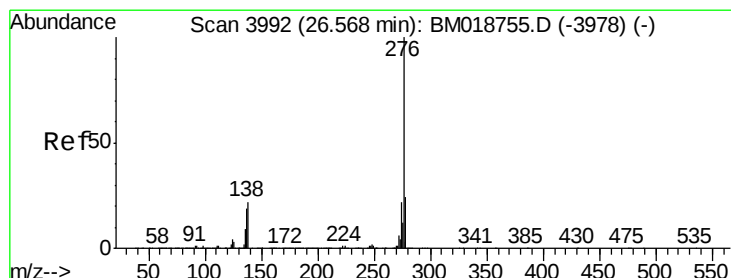
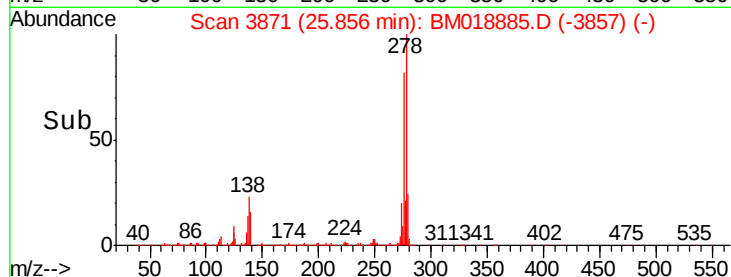
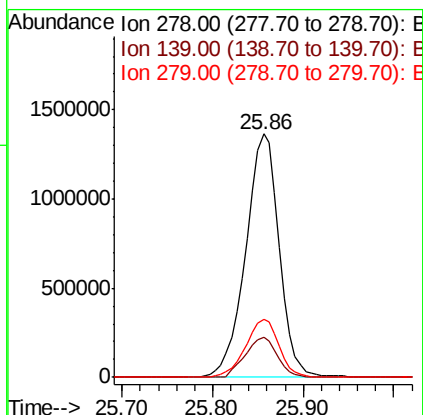
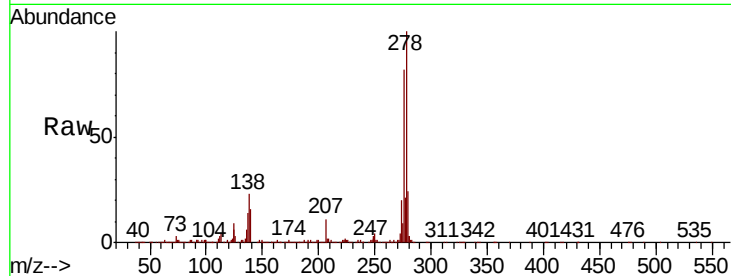




#91
Dibenzo(a,h)anthracene
Concen: 44.052 ng
RT: 25.86 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tgt Ion:278 Resp: 3502159
Ion Ratio Lower Upper
278 100
139 16.3 12.6 18.8
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.645 ng
RT: 26.54 min Scan# 3988
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:276 Resp: 3230308
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 21.6 17.3 25.9

