

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018408.D
 Acq On : 27 Dec 2018 22:16
 Operator : JU/SJ
 Sample : PB116033BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Quant Time: Dec 28 04:07:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	299526	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1394081	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	858773	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2046515	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2406015	20.00	ng	0.00
87) Perylene-d12	23.66	264	2624173	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	374106	23.55	ng	0.00
7) Phenol-d6	6.93	99	374628	16.98	ng	0.00
23) Nitrobenzene-d5	8.95	82	1022614	42.10	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	706669	64.76	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	3281927	51.76	ng	0.00
79) Terphenyl-d14	19.81	244	7019212	62.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	517	0.080	ng	# 41
3) Pyridine	3.69	79	220346	12.347	ng	97
4) n-Nitrosodimethylamine	3.62	42	99128	13.623	ng	# 82
8) 2-Chlorophenol	7.34	128	335462	17.510	ng	98
9) Benzaldehyde	6.93	77	2599	0.168	ng	# 39
10) Phenol	6.96	94	187983	8.283	ng	98
11) bis(2-Chloroethyl)ether	7.21	93	308255	17.425	ng	99
12) 1,3-Dichlorobenzene	7.67	146	397639	17.669	ng	99
13) 1,4-Dichlorobenzene	7.82	146	409457	17.908	ng	99
14) 1,2-Dichlorobenzene	8.13	146	406220	18.107	ng	98
15) Benzyl Alcohol	8.02	79	659	0.038	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.30	45	342288	12.150	ng	98
17) 2-Methylphenol	8.22	107	281820	17.529	ng	99
18) Hexachloroethane	8.85	117	139617	17.107	ng	99
19) n-Nitroso-di-n-propylamine	8.59	70	353529	21.037	ng	99
20) 3+4-Methylphenols	8.53	107	420429	19.492	ng	91
22) Acetophenone	8.60	105	1548	0.044	ng	# 1
24) Nitrobenzene	8.99	77	463952	19.301	ng	99
25) Isophorone	9.50	82	975059	23.143	ng	99
26) 2-Nitrophenol	9.69	139	166367	21.335	ng	99
27) 2,4-Dimethylphenol	9.75	122	353290	20.244	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	472206	17.857	ng	98
29) 2,4-Dichlorophenol	10.22	162	434739	22.524	ng	97
30) 1,2,4-Trichlorobenzene	10.43	180	438947	18.564	ng	96
31) Naphthalene	10.63	128	1356130	20.183	ng	100
32) Benzoic acid	9.82	122	45082	8.716	ng	98
33) 4-Chloroaniline	10.75	127	8254	0.268	ng	# 64
34) Hexachlorobutadiene	10.90	225	251992	17.552	ng	99
35) Caprolactam	11.53	113	965	0.135	ng	# 1
36) 4-Chloro-3-methylphenol	11.85	107	588819	26.913	ng	97
37) 2-Methylnaphthalene	12.23	142	688	0.014	ng	# 15
38) 1-Methylnaphthalene	12.46	142	3346	0.070	ng	# 83
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	585857	21.791	ng	99
41) Hexachlorocyclopentadiene	12.58	237	248441	19.058	ng	97

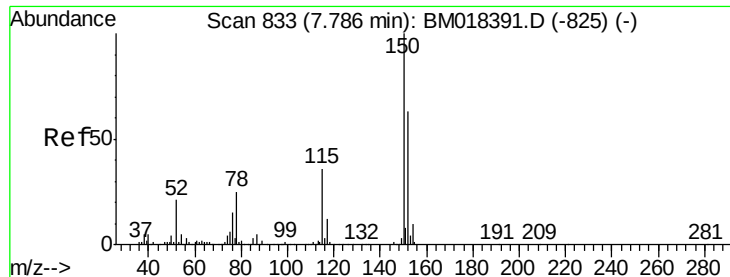
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018408.D
 Acq On : 27 Dec 2018 22:16
 Operator : JU/SJ
 Sample : PB116033BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Quant Time: Dec 28 04:07:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.85	196	430386	28.182	ng	98
44) 2,4,5-Trichlorophenol	12.91	196	519026	31.101	ng	98
46) 1,1'-Biphenyl	13.25	154	8050	0.110	ng	96
47) 2-Chloronaphthalene	13.30	162	1318909	23.465	ng	99
48) 2-Nitroaniline	13.53	65	122	0.008	ng	# 3
49) Acenaphthylene	14.15	152	2312423	26.723	ng	99
50) Dimethylphthalate	13.89	163	2073839	28.905	ng	99
51) 2,6-Dinitrotoluene	14.01	165	408999	27.162	ng	95
52) Acenaphthene	14.49	154	1404648	26.898	ng	99
54) 2,4-Dinitrophenol	14.55	184	123736	34.605	ng	90
55) Dibenzofuran	14.83	168	7944	0.093	ng	98
56) 4-Nitrophenol	14.63	139	158663	15.882	ng	97
57) 2,4-Dinitrotoluene	14.80	165	653023	32.052	ng	99
58) Fluorene	15.48	166	1975166	29.678	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	440281	28.568	ng	99
60) Diethylphthalate	15.26	149	2272936	30.288	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	956303	26.153	ng	100
62) 4-Nitroaniline	15.48	138	26605	1.493	ng	# 30
63) Azobenzene	15.77	77	1877695	27.453	ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	218173	30.233	ng	98
66) n-Nitrosodiphenylamine	15.69	169	1601139	25.103	ng	100
67) 4-Bromophenyl-phenylether	16.37	248	620754	27.854	ng	96
68) Hexachlorobenzene	16.47	284	744757	29.501	ng	98
70) Pentachlorophenol	16.82	266	393001	26.698	ng	97
71) Phenanthrene	17.22	178	3444649	31.797	ng	99
72) Anthracene	17.31	178	3482623	32.270	ng	100
73) Carbazole	17.59	167	3529980	31.145	ng	99
74) Di-n-butylphthalate	18.14	149	4283287	33.251	ng	100
75) Fluoranthene	19.24	202	4308775	33.584	ng	98
77) Benzidine	19.43	184	2116291	30.772	ng	99
78) Pyrene	19.60	202	4590369	32.869	ng	100
80) Butylbenzylphthalate	20.51	149	1873484	32.128	ng	99
81) Benzo(a)anthracene	21.35	228	4724445	33.432	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	5366587	98.847	ng	99
83) Chrysene	21.40	228	4577638	33.576	ng	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	3024475	32.125	ng	99
85) Di-n-octyl phthalate	22.18	149	5132334	32.980	ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	5836916	34.587	ng	99
88) Benzo(b)fluoranthene	22.97	252	5128278	35.037	ng	99
89) Benzo(k)fluoranthene	23.02	252	4868028	33.253	ng	99
90) Benzo(a)pyrene	23.56	252	4647722	33.055	ng	98
91) Dibenzo(a,h)anthracene	26.01	278	5065415	34.594	ng	100
92) Benzo(g,h,i)perylene	26.71	276	4561939	32.538	ng	99

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

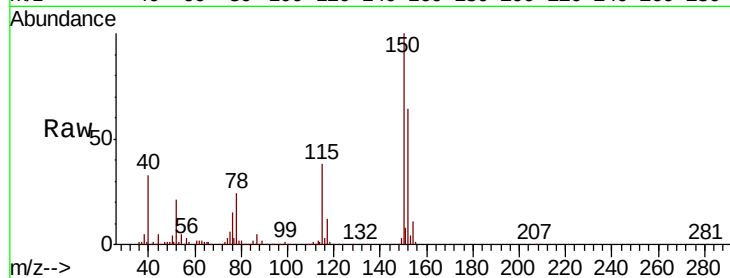


#1

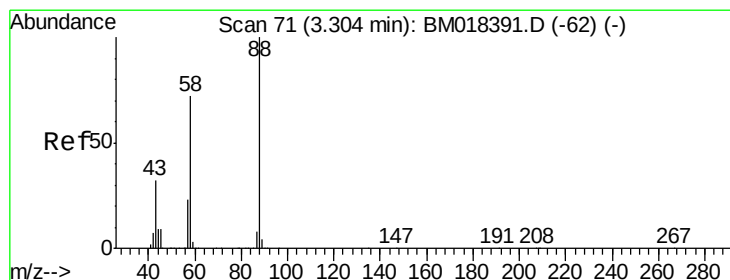
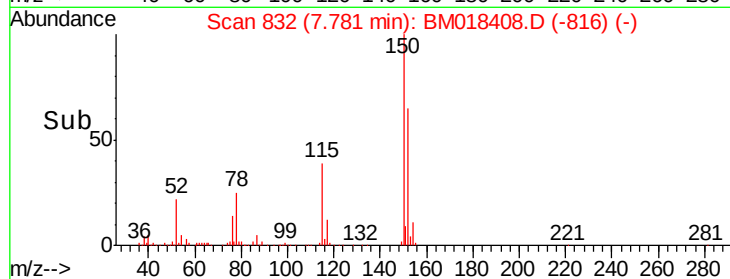
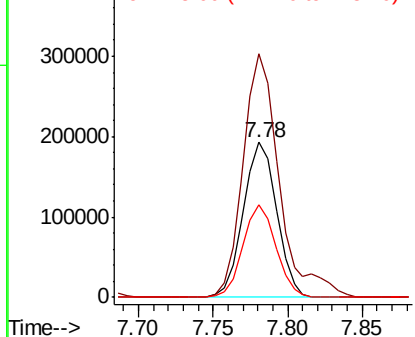
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.78 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.9	190.3
115	59.9	45.5	68.3



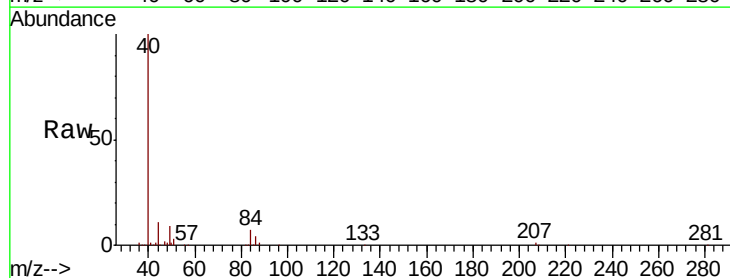
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



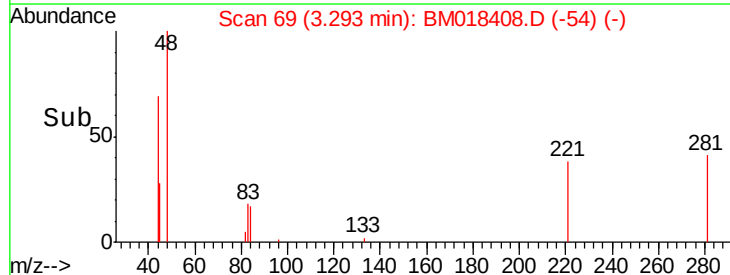
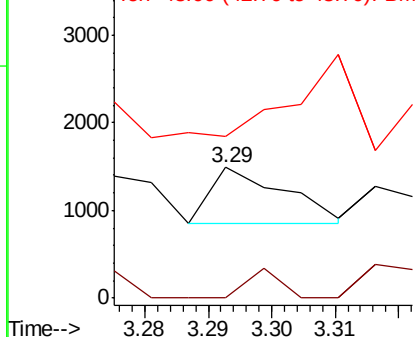
#2

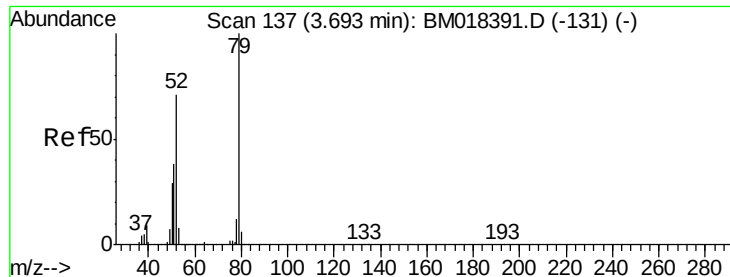
1,4-Dioxane
 Concen: 0.080 ng
 RT: 3.29 min Scan# 69
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	22.8	58.4	87.6#
43	0.0	26.2	39.4#



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: 12.347 ng

RT: 3.69 min Scan# 137

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

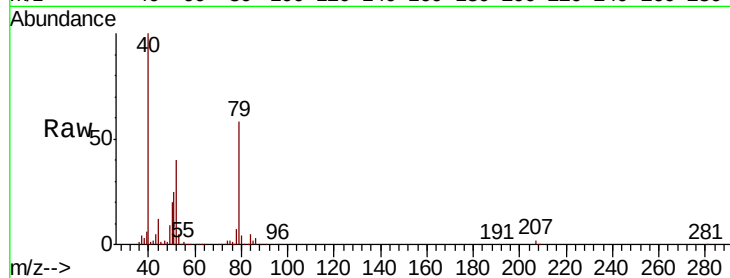
Tgt Ion: 79 Resp: 220346

Ion Ratio Lower Upper

79 100

52 69.3 56.4 84.6

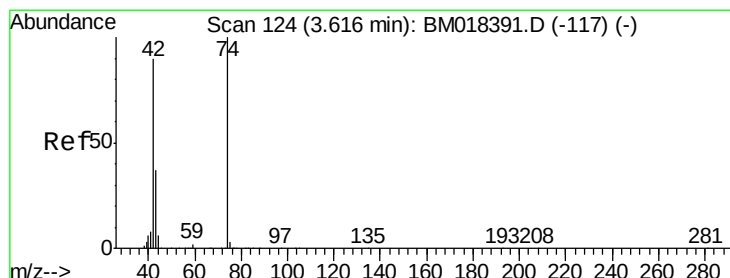
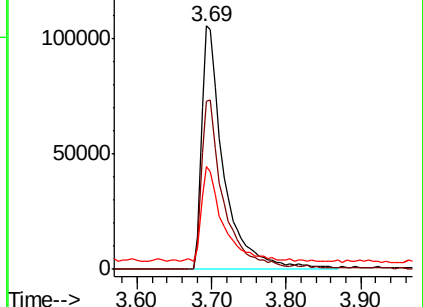
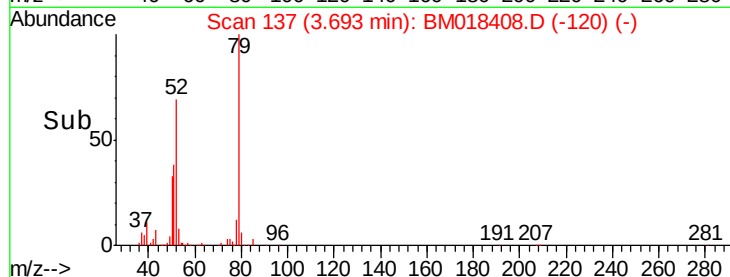
51 42.4 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018408.D (-120) (-)

Ion 52.00 (51.70 to 52.70): BM018408.D (-120) (-)

Ion 51.00 (50.70 to 51.70): BM018408.D (-120) (-)



#4

n-Nitrosodimethylamine

Concen: 13.623 ng

RT: 3.62 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

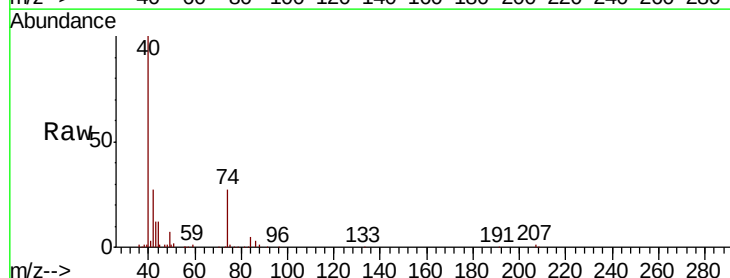
Tgt Ion: 42 Resp: 99128

Ion Ratio Lower Upper

42 100

74 97.8 88.6 132.8

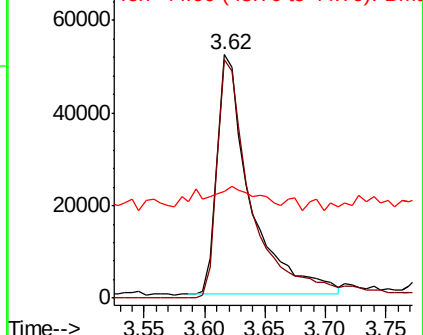
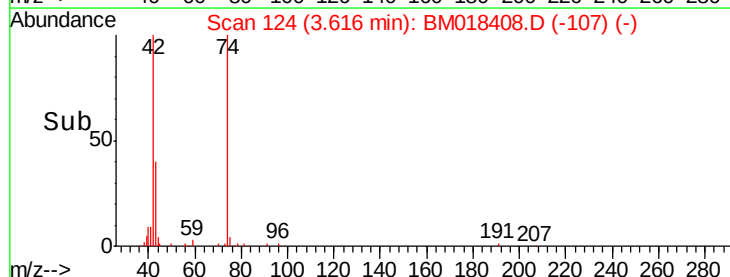
44 44.0 16.9 25.3#

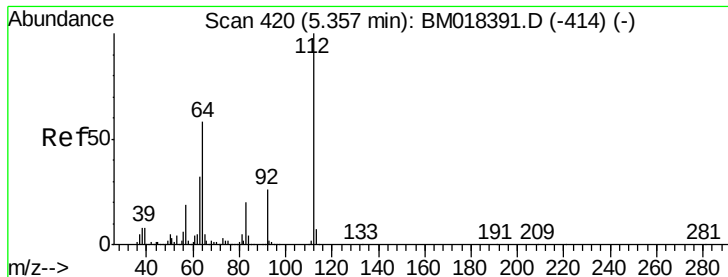


Abundance Ion 42.00 (41.70 to 42.70): BM018408.D (-107) (-)

Ion 74.00 (73.70 to 74.70): BM018408.D (-107) (-)

Ion 44.00 (43.70 to 44.70): BM018408.D (-107) (-)





#5

2-Fluorophenol

Concen: 23.548 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

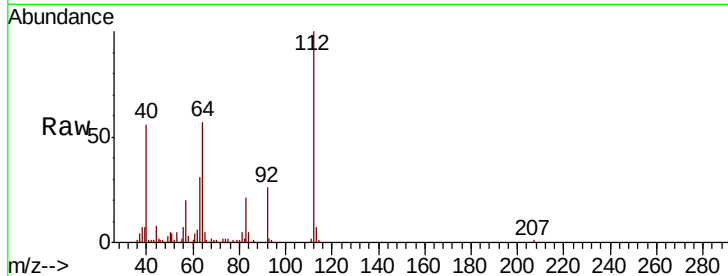
Tgt Ion: 112 Resp: 374106

Ion Ratio Lower Upper

112 100

64 56.6 46.5 69.7

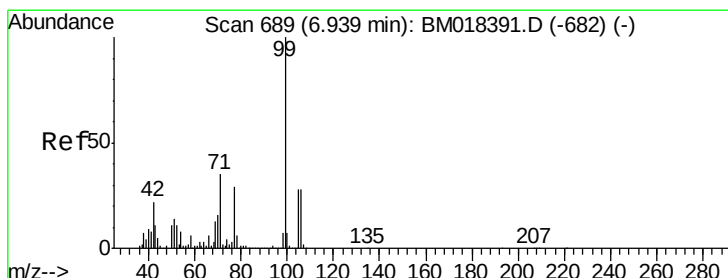
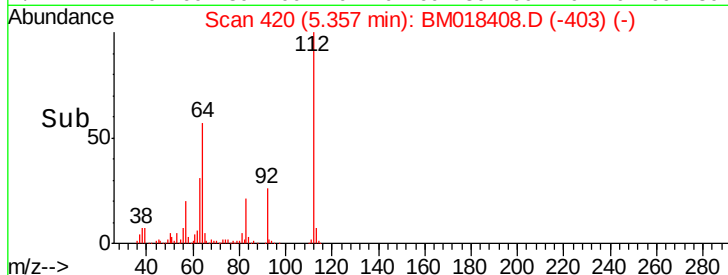
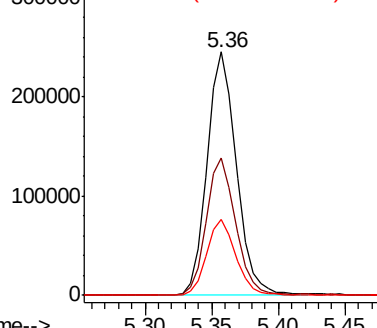
63 31.2 25.2 37.8



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



#7

Phenol-d6

Concen: 16.982 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

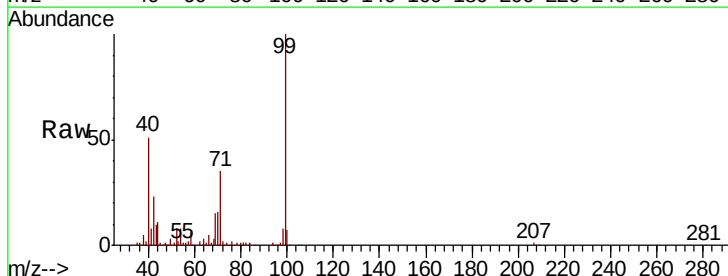
Tgt Ion: 99 Resp: 374628

Ion Ratio Lower Upper

99 100

42 22.6 17.3 25.9

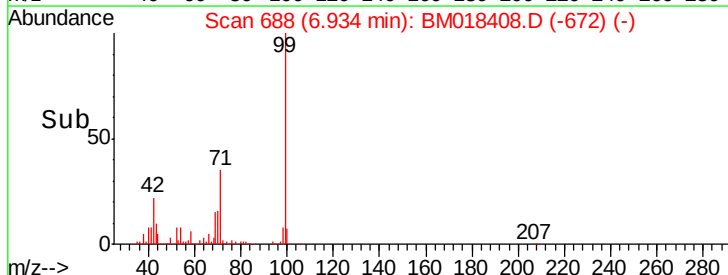
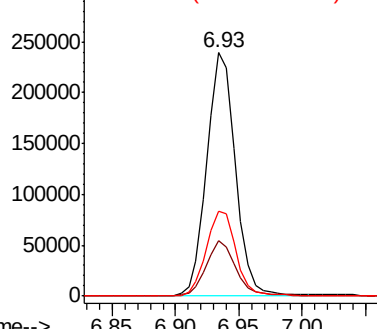
71 35.1 28.0 42.0

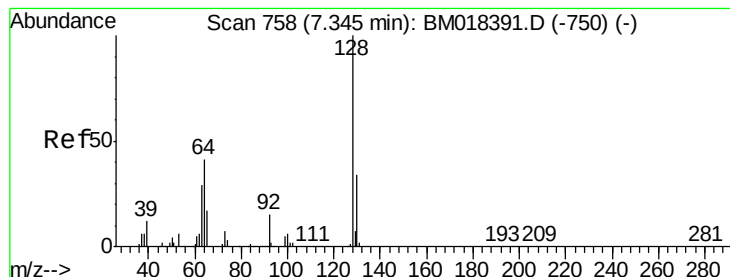


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 17.510 ng

RT: 7.34 min Scan# 757

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

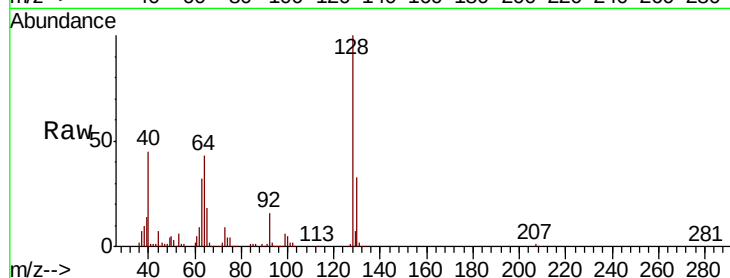
Tgt Ion:128 Resp: 335462

Ion Ratio Lower Upper

128 100

130 32.7 13.6 53.6

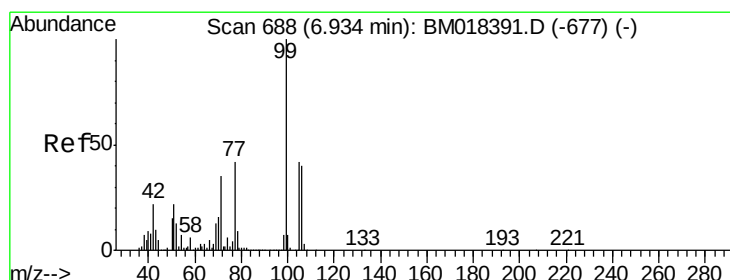
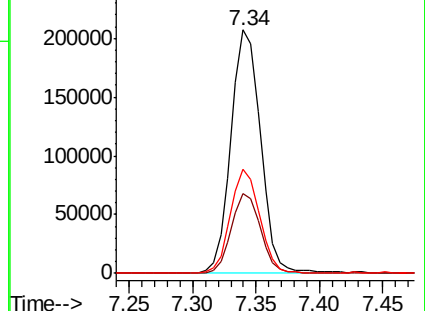
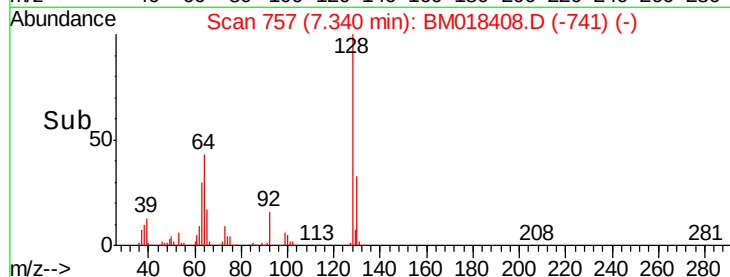
64 42.9 24.8 64.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 0.168 ng

RT: 6.93 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

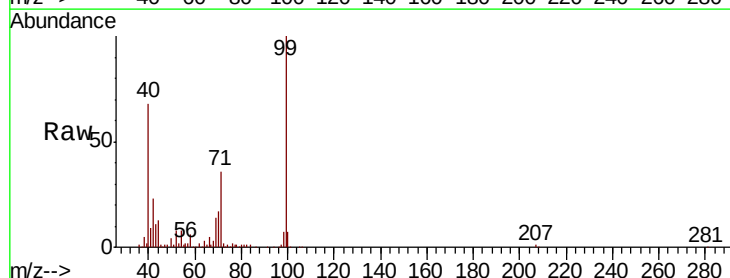
Tgt Ion: 77 Resp: 2599

Ion Ratio Lower Upper

77 100

105 41.4 79.7 119.7#

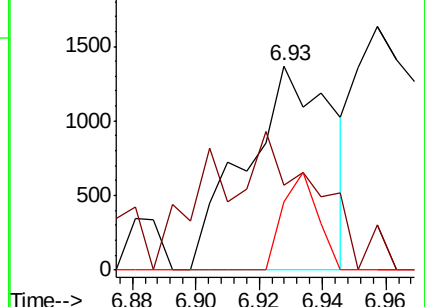
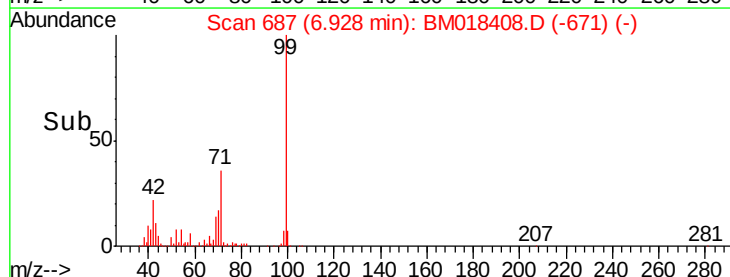
106 33.2 75.2 115.2#

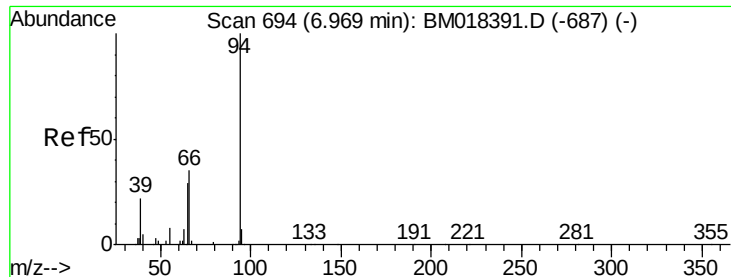


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 8.283 ng

RT: 6.96 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

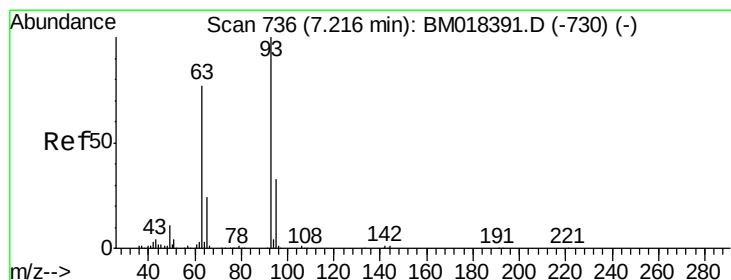
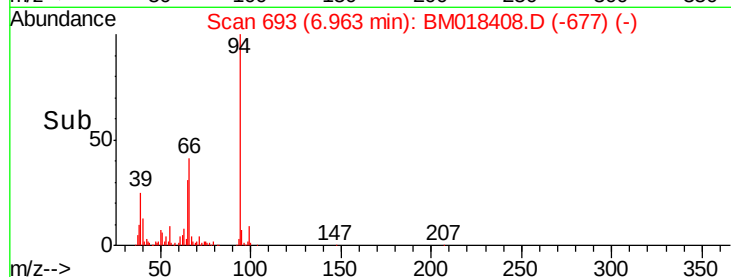
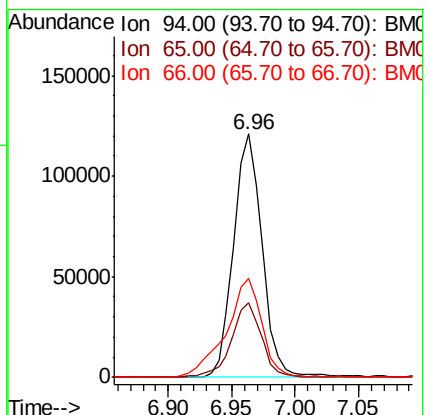
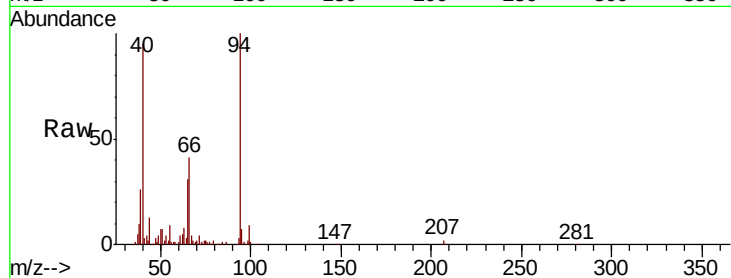
Tgt Ion: 94 Resp: 187983

Ion Ratio Lower Upper

94 100

65 30.5 9.4 49.4

66 40.6 19.1 59.1



#11

bis(2-Chloroethyl)ether

Concen: 17.425 ng

RT: 7.21 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

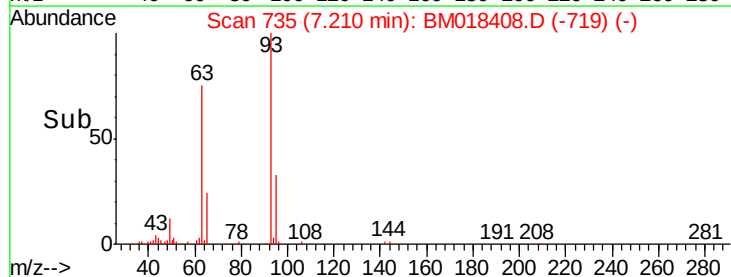
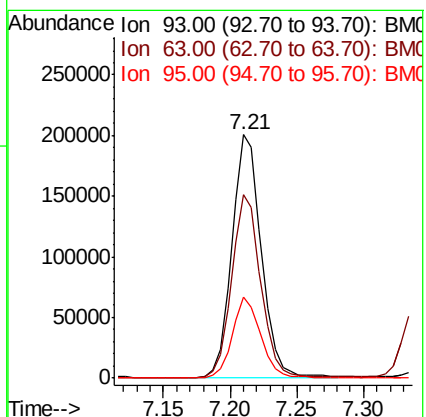
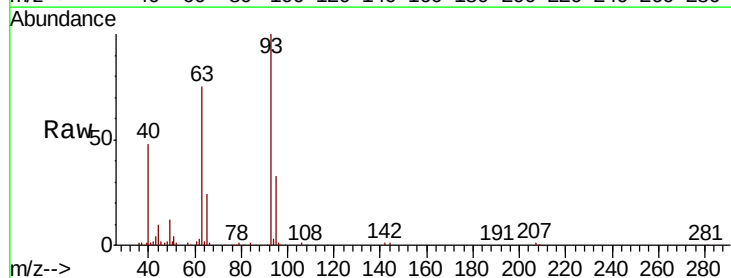
Tgt Ion: 93 Resp: 308255

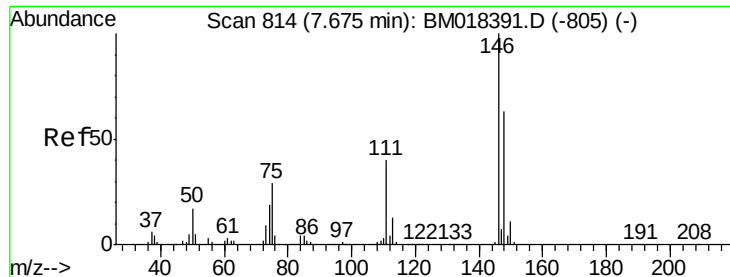
Ion Ratio Lower Upper

93 100

63 75.2 56.4 96.4

95 33.3 12.7 52.7

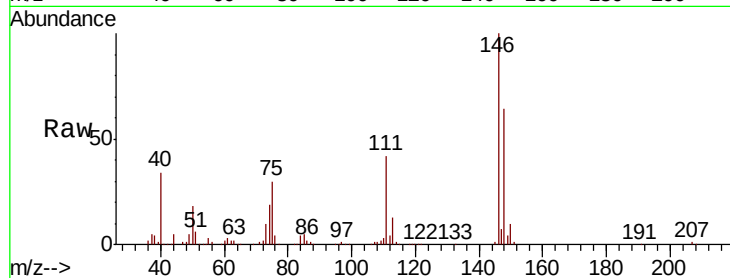




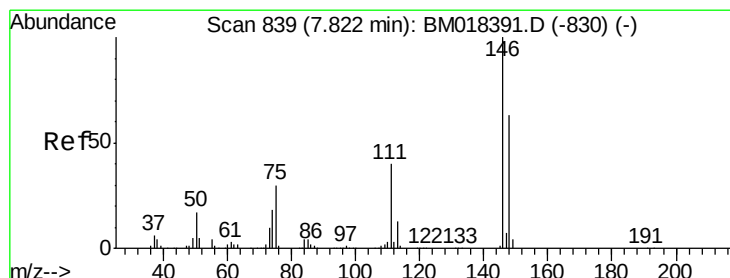
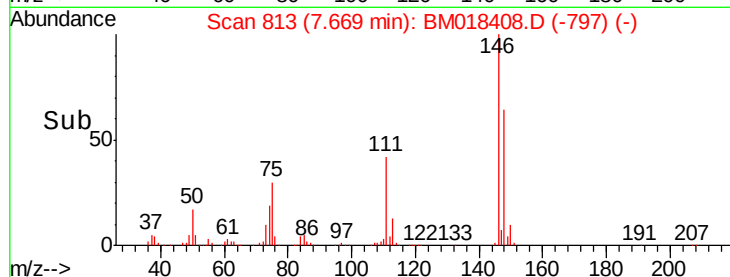
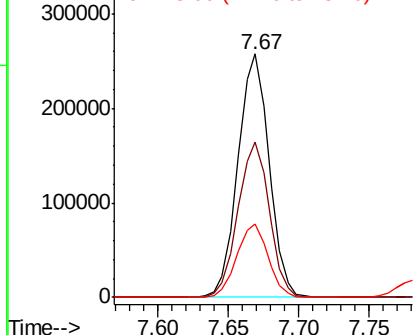
#12
 1,3-Dichlorobenzene
 Concen: 17.669 ng
 RT: 7.67 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
75	29.9	23.0	34.6

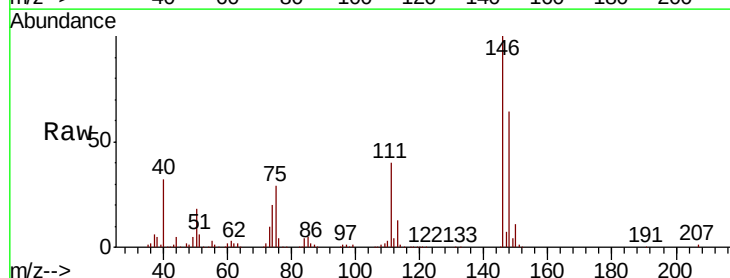


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BM

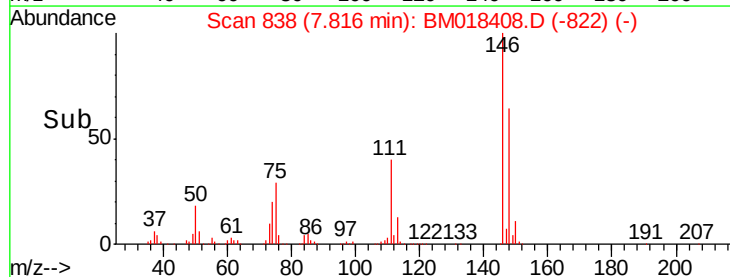
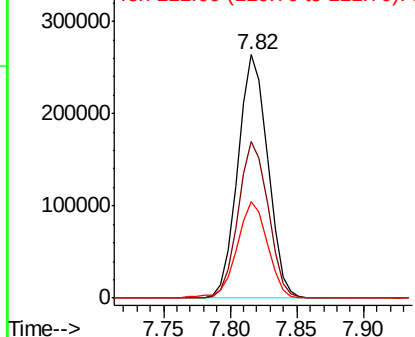


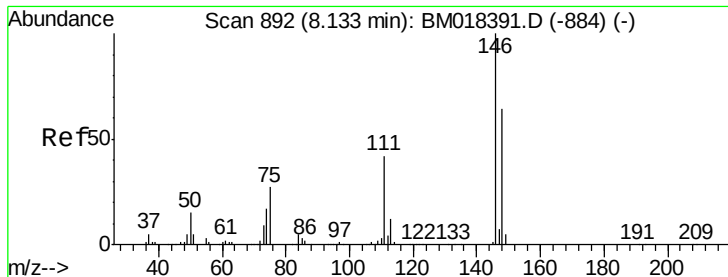
#13
 1,4-Dichlorobenzene
 Concen: 17.908 ng
 RT: 7.82 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	39.8	32.2	48.2



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

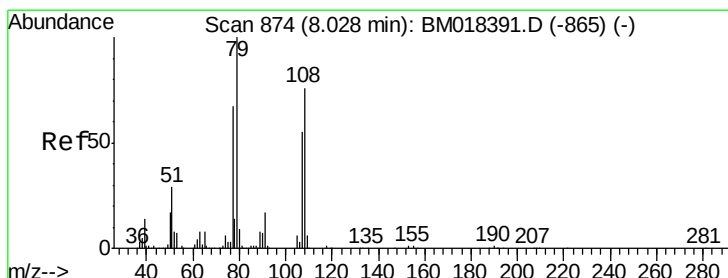
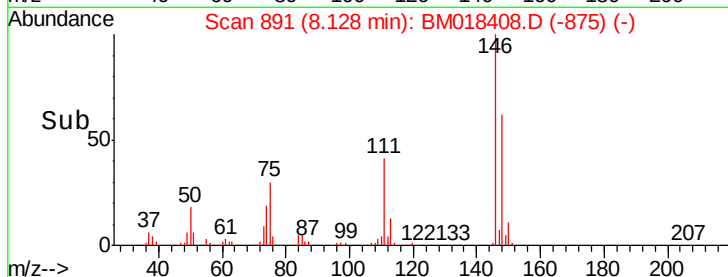
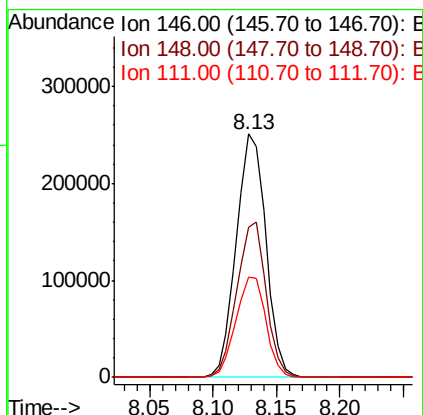
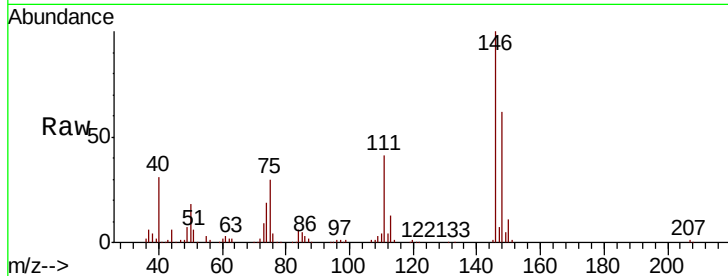




#14
 1,2-Dichlorobenzene
 Concen: 18.107 ng
 RT: 8.13 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

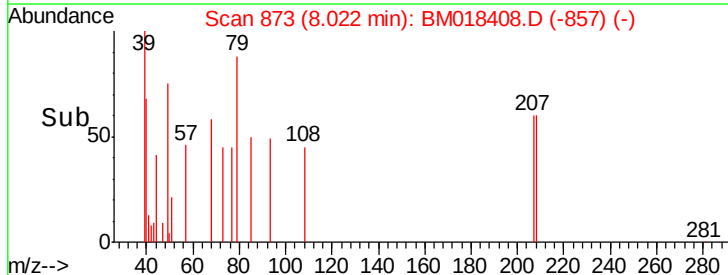
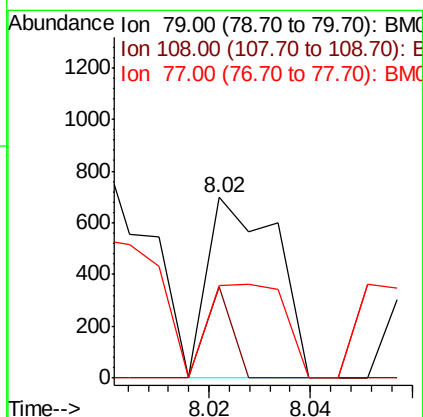
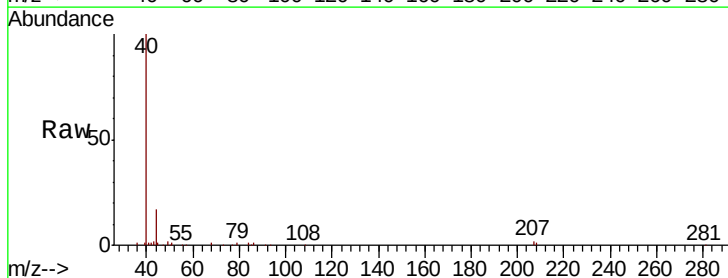
Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

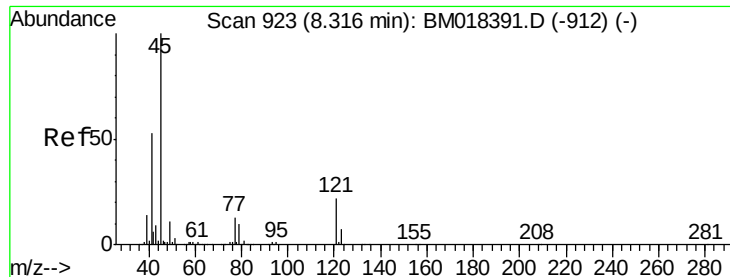
Tgt Ion:146 Resp: 406220
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.0 76.6
 111 41.3 33.8 50.6



#15
 Benzyl Alcohol
 Concen: 0.038 ng
 RT: 8.02 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion: 79 Resp: 659
 Ion Ratio Lower Upper
 79 100
 108 50.8 60.4 90.6#
 77 51.2 53.4 80.2#

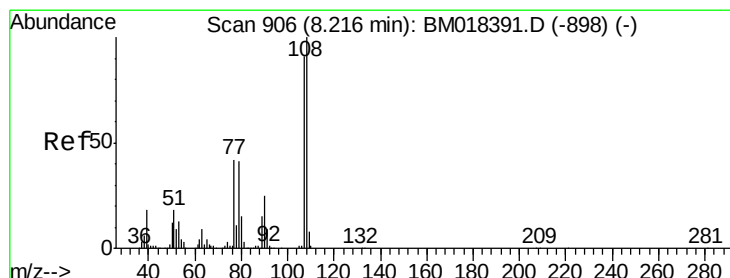
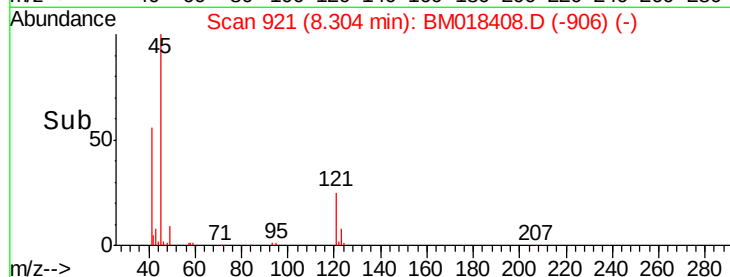
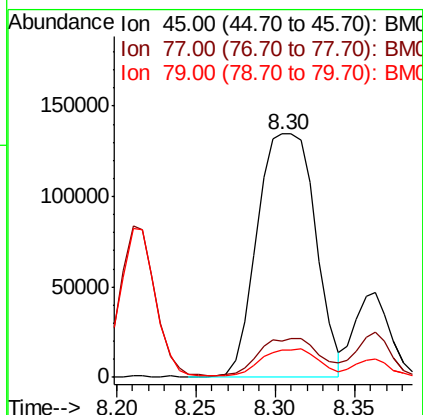
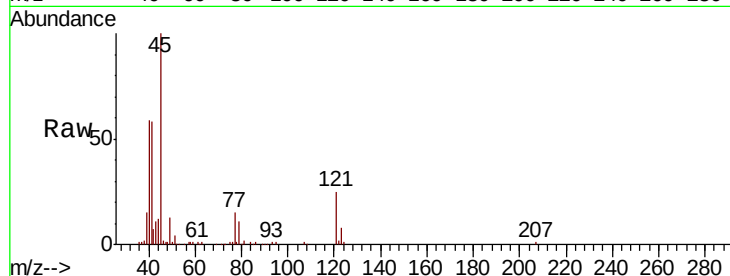




#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.150 ng
RT: 8.30 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

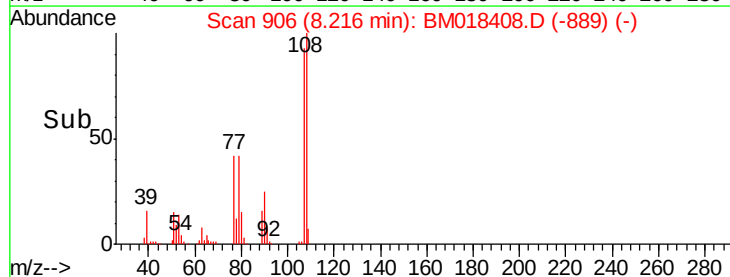
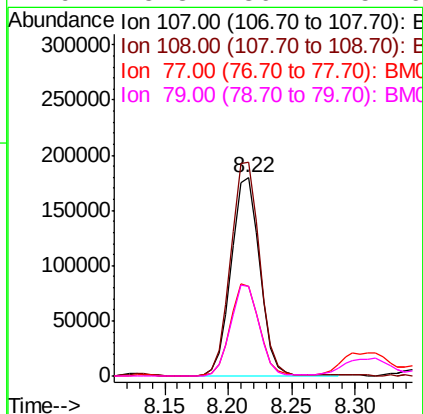
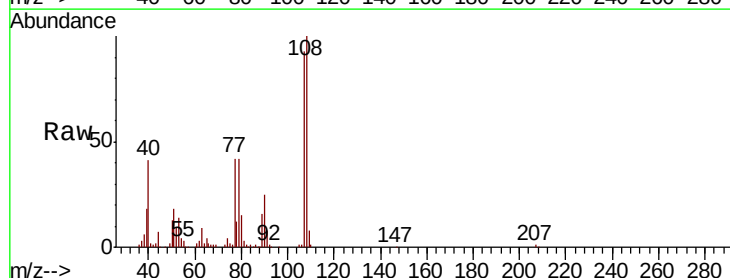
Instrument :
BNA_M
ClientSampleId :
PB116033BS

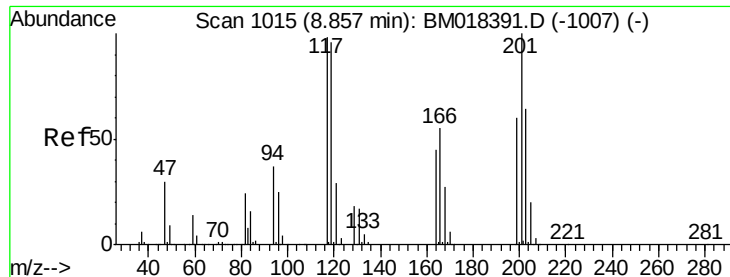
Tgt Ion:	45	Resp:	342288
Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.4
79	11.3	0.0	31.1



#17
2-Methylphenol
Concen: 17.529 ng
RT: 8.22 min Scan# 906
Delta R.T. 0.00 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion:	107	Resp:	281820
Ion	Ratio	Lower	Upper
107	100		
108	107.8	87.5	131.3
77	45.4	37.3	55.9
79	45.3	36.4	54.6

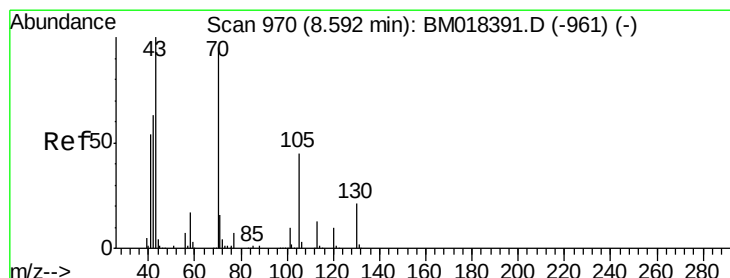
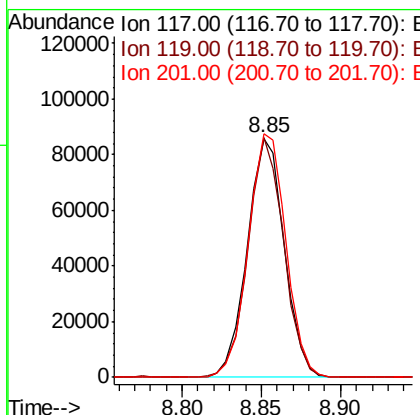
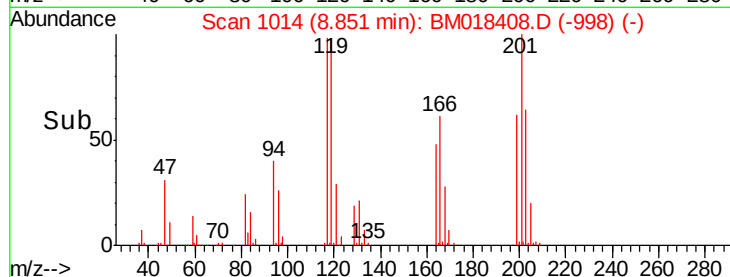
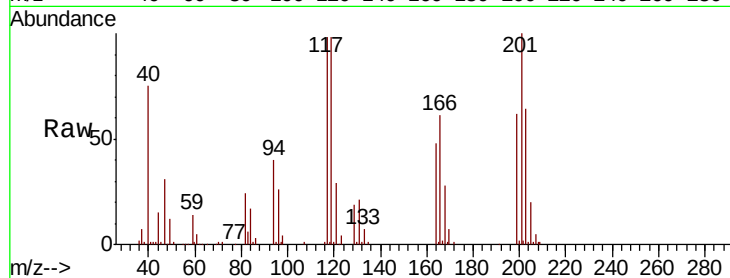




#18
Hexachloroethane
Concen: 17.107 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

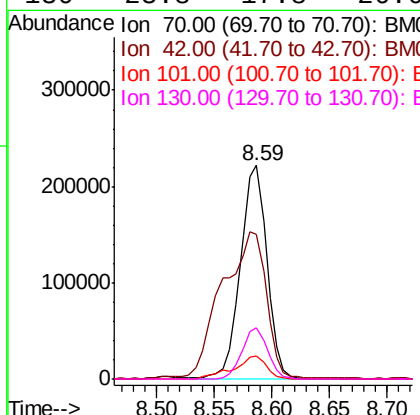
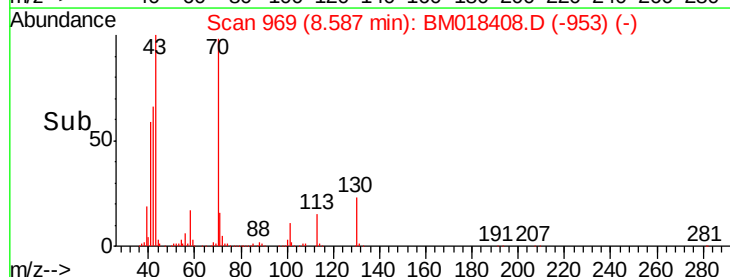
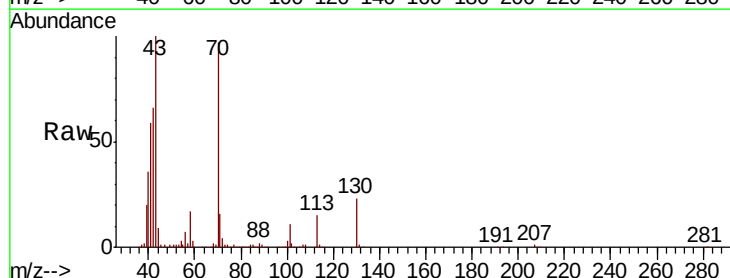
Instrument :
BNA_M
ClientSampleId :
PB116033BS

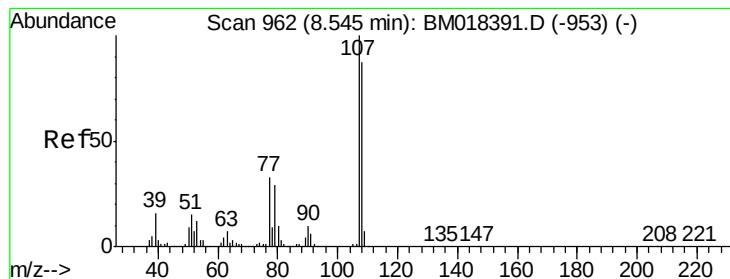
Tgt Ion: 117 Resp: 139617
Ion Ratio Lower Upper
117 100
119 100.4 78.3 117.5
201 102.1 81.4 122.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.037 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion: 70 Resp: 353529
Ion Ratio Lower Upper
70 100
42 68.0 54.0 81.0
101 11.0 8.1 12.1
130 23.8 17.8 26.6





#20

3+4-Methylphenols

Concen: 19.492 ng

RT: 8.53 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

Tgt Ion:107 Resp: 420429

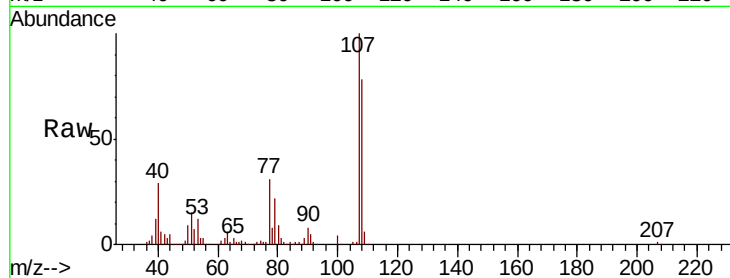
Ion Ratio Lower Upper

107 100

108 78.3 66.8 106.8

77 30.7 13.3 53.3

79 21.8 8.8 48.8

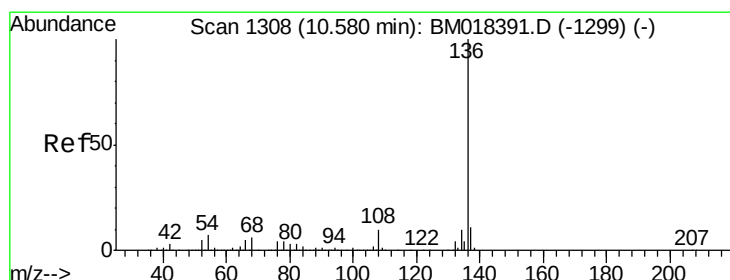
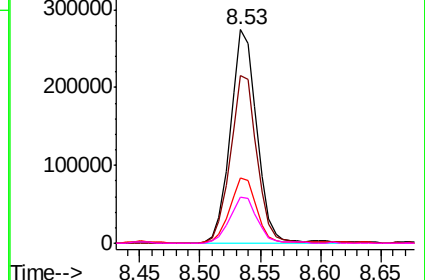
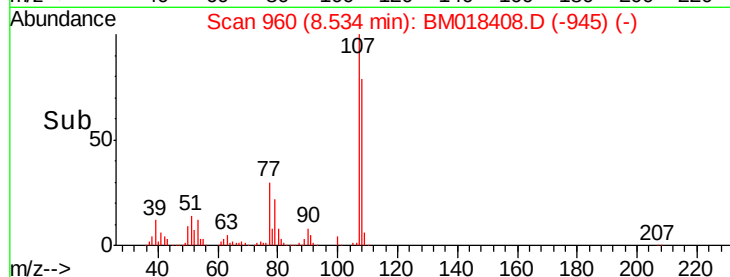


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Tgt Ion:136 Resp: 1394081

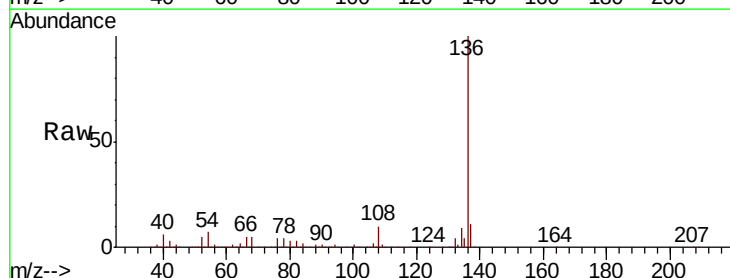
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 6.0 9.0

68 4.6 4.5 6.7

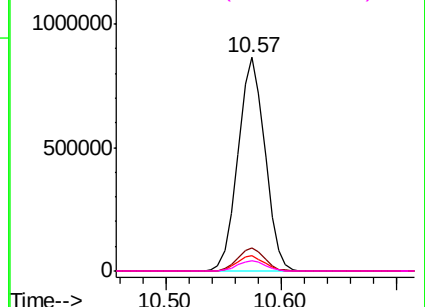
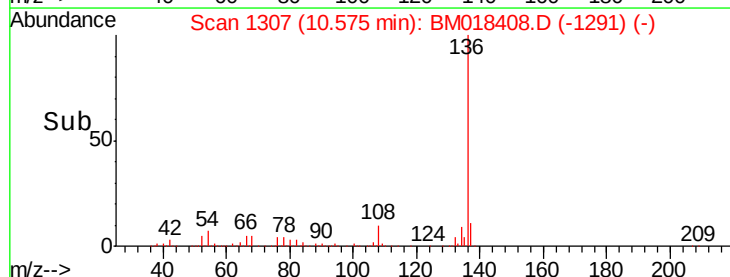


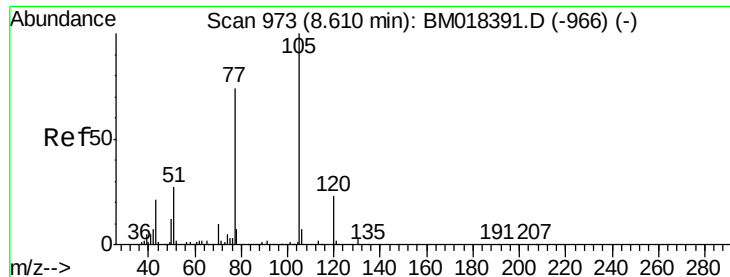
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#22

Acetophenone

Concen: 0.044 ng

RT: 8.60 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

Tgt Ion: 105 Resp: 1548

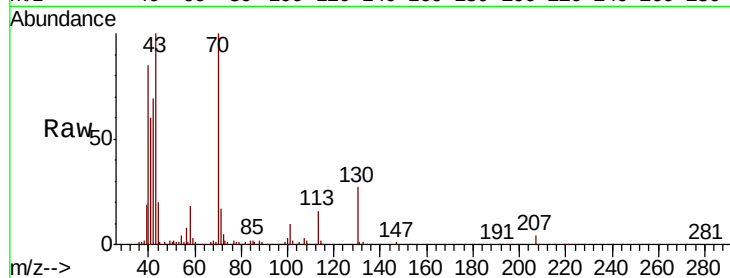
Ion Ratio Lower Upper

105 100

71 1698.2 1.7 2.5#

51 221.2 22.6 34.0#

120 0.0 18.3 27.5#

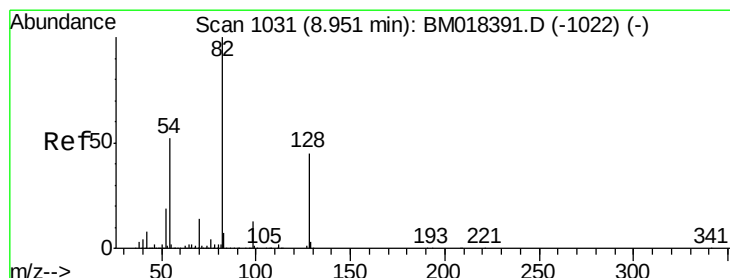
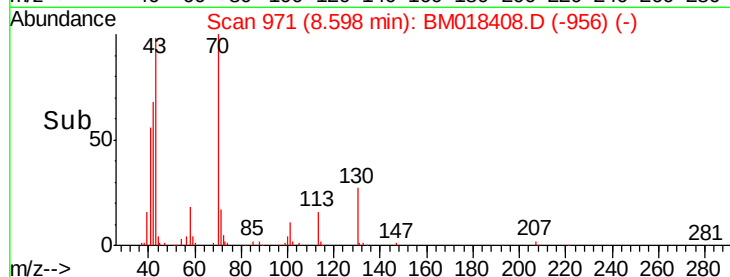
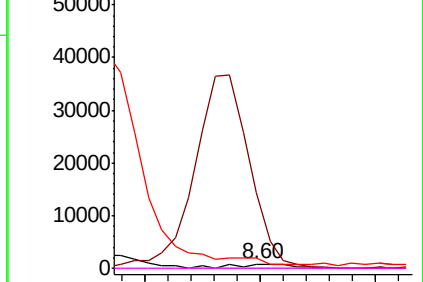


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 42.101 ng

RT: 8.95 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

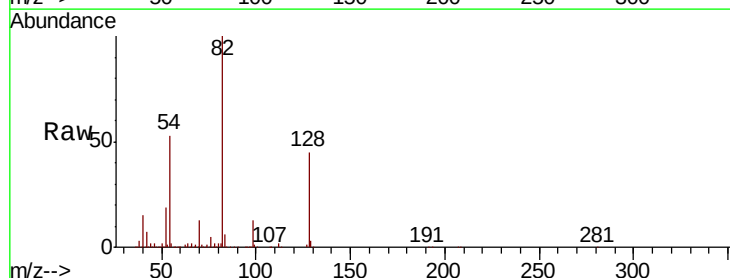
Tgt Ion: 82 Resp: 1022614

Ion Ratio Lower Upper

82 100

128 45.3 36.3 54.5

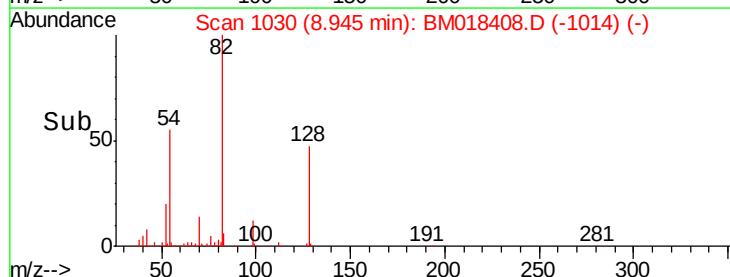
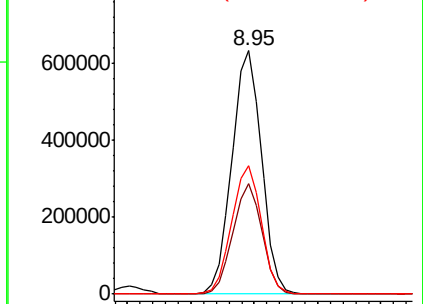
54 52.7 41.7 62.5

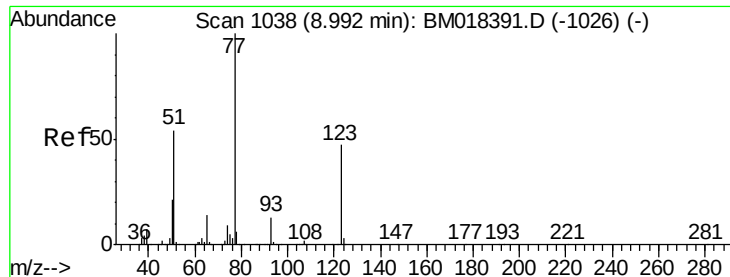


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

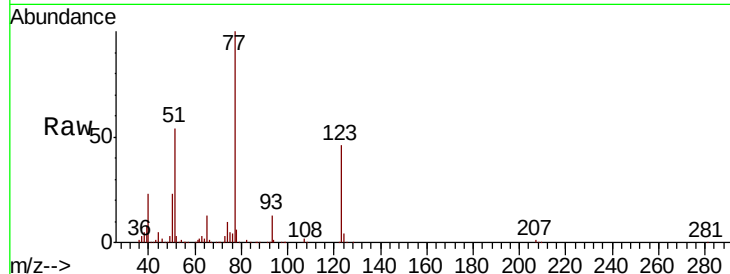




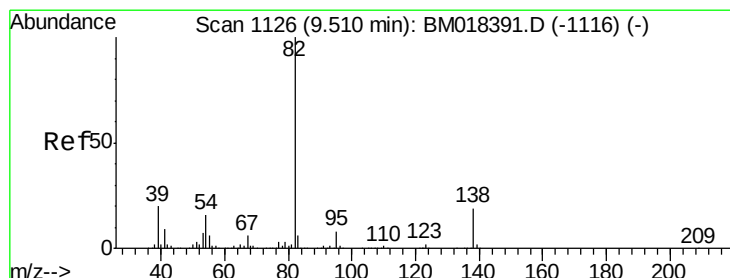
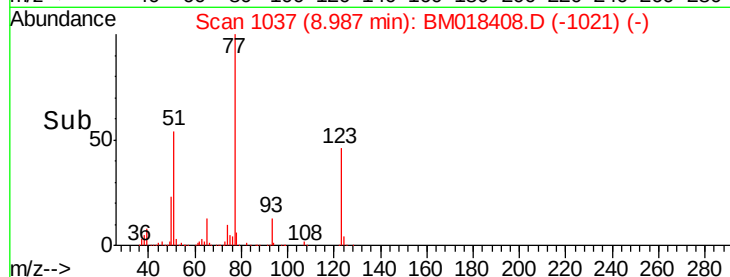
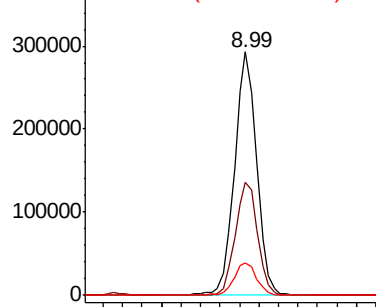
#24
Nitrobenzene
Concen: 19.301 ng
RT: 8.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.7	56.5
65	13.3	11.0	16.6

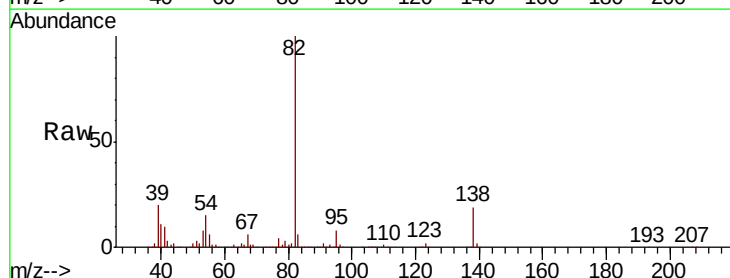


Abundance Ion 77.00 (76.70 to 77.70): BM018391.D (-1026) (-)

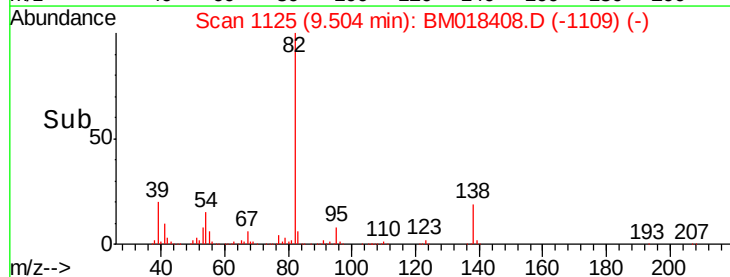
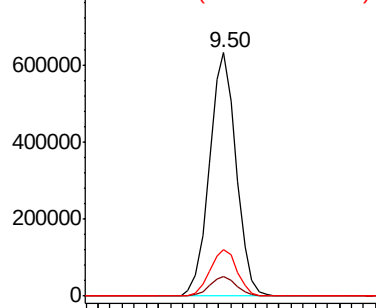


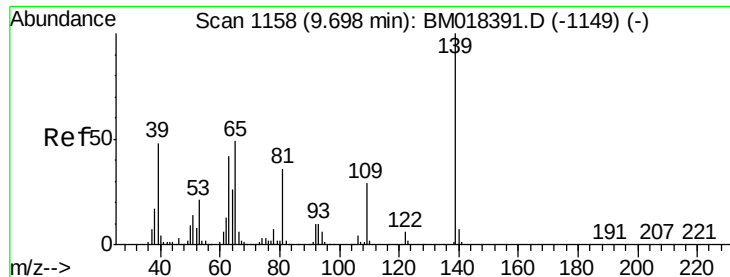
#25
Isophorone
Concen: 23.143 ng
RT: 9.50 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.1	9.1
138	19.2	15.1	22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1116) (-)

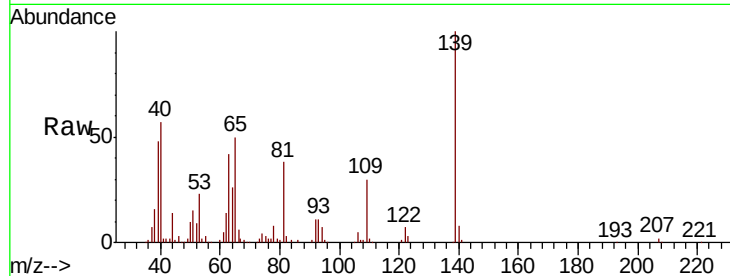




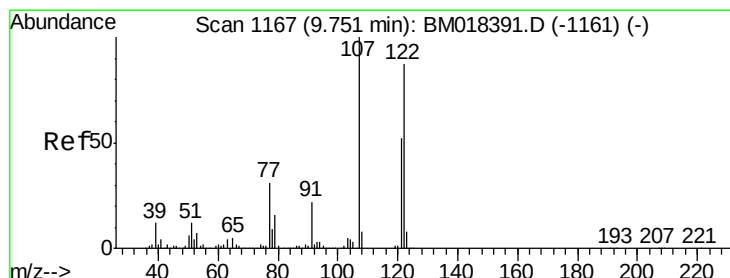
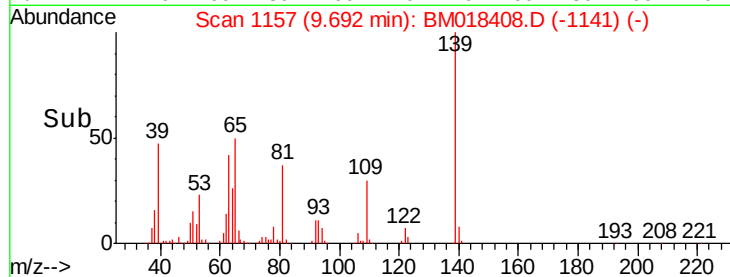
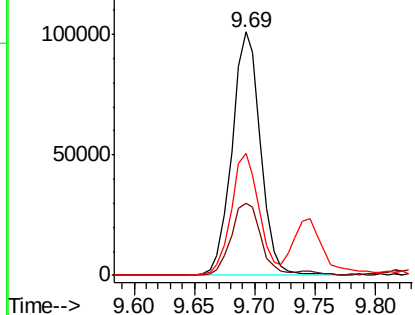
#26
2-Nitrophenol
Concen: 21.335 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampled :
PB116033BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.4	35.2
65	50.3	39.4	59.2

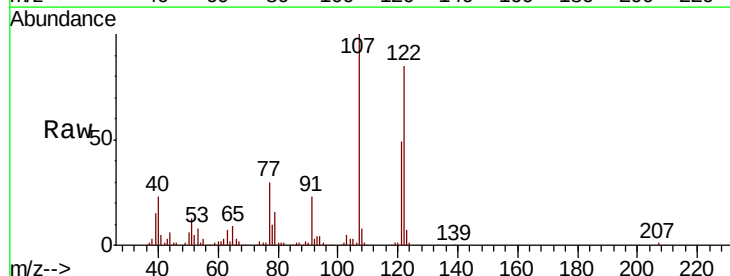


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

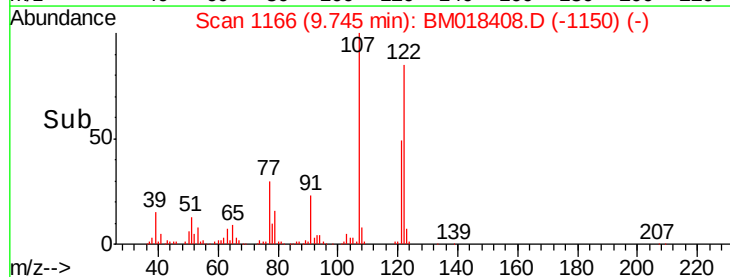
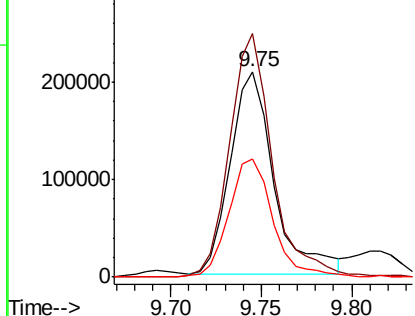


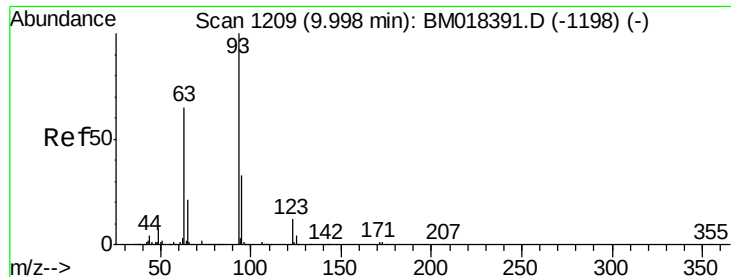
#27
2,4-Dimethylphenol
Concen: 20.244 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.3	91.9	137.9
121	57.5	47.5	71.3



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





#28

bis(2-Chloroethoxy)methane

Concen: 17.857 ng

RT: 9.99 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

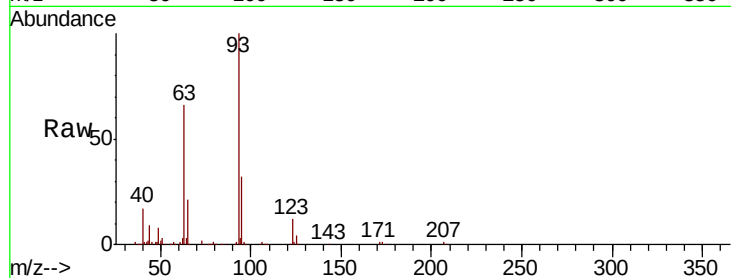
Tgt Ion: 93 Resp: 472206

Ion Ratio Lower Upper

93 100

95 32.1 26.6 39.8

123 12.0 9.9 14.9

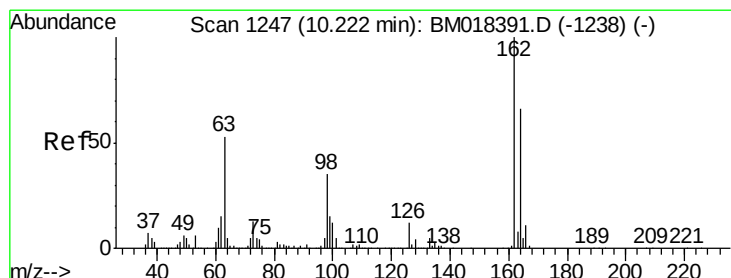
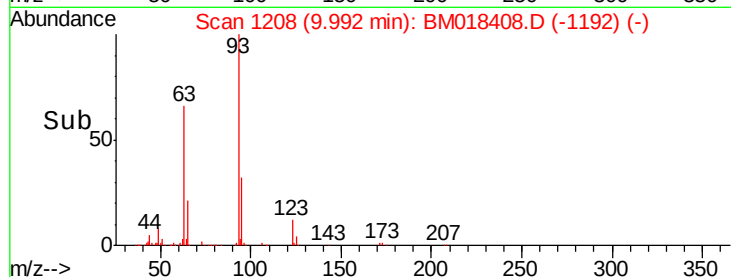
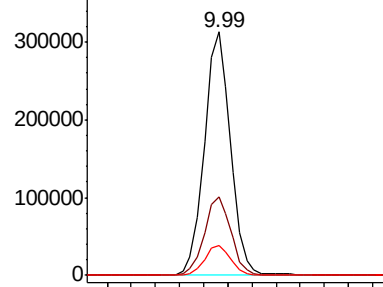


Abundance

Ion 93.00 (92.70 to 93.70): BM018391.D (-1198) (-)

Ion 95.00 (94.70 to 95.70): BM018391.D (-1198) (-)

Ion 123.00 (122.70 to 123.70): BM018391.D (-1198) (-)



#29

2,4-Dichlorophenol

Concen: 22.524 ng

RT: 10.22 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

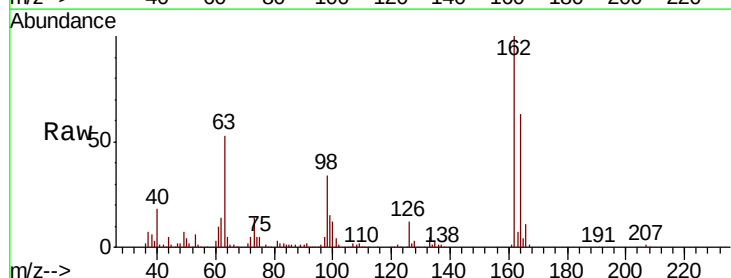
Tgt Ion: 162 Resp: 434739

Ion Ratio Lower Upper

162 100

164 62.8 45.6 85.6

98 34.1 14.7 54.7

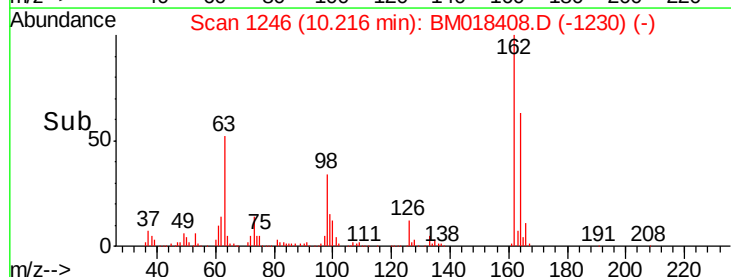
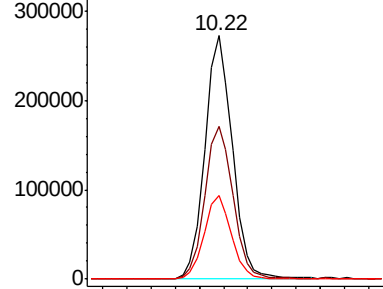


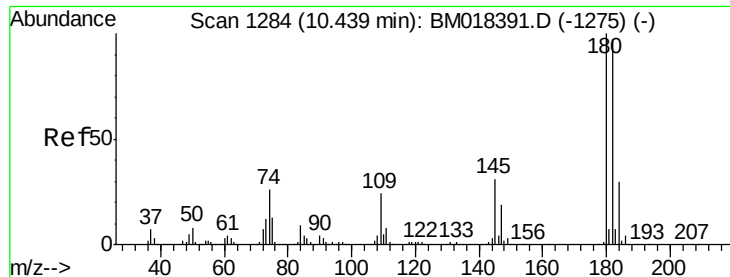
Abundance

Ion 162.00 (161.70 to 162.70): BM018391.D (-1238) (-)

Ion 164.00 (163.70 to 164.70): BM018391.D (-1238) (-)

Ion 98.00 (97.70 to 98.70): BM018391.D (-1238) (-)

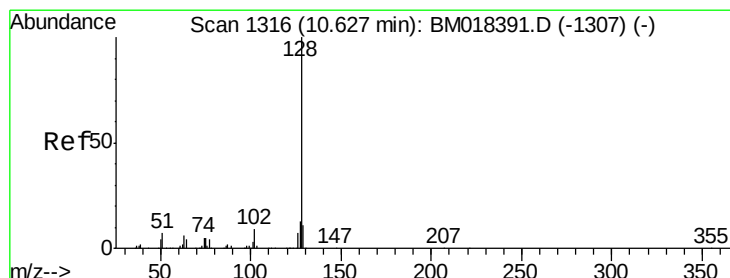
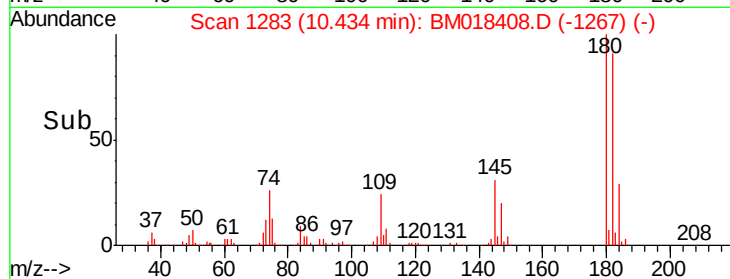
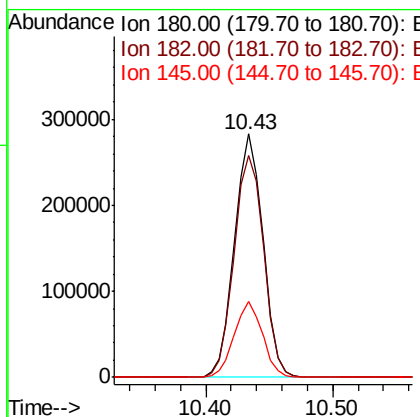
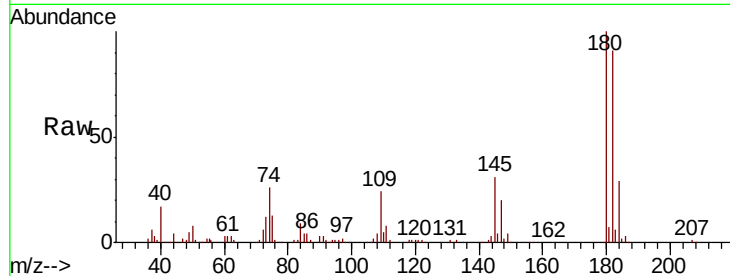




#30
 1,2,4-Trichlorobenzene
 Concen: 18.564 ng
 RT: 10.43 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

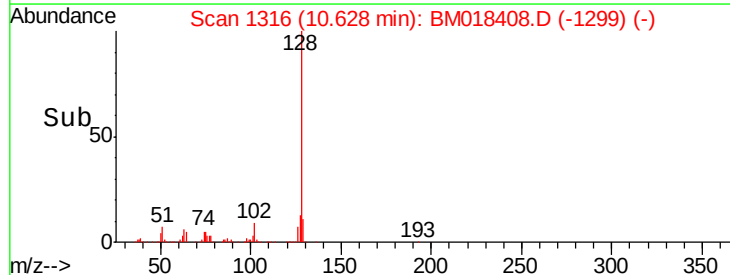
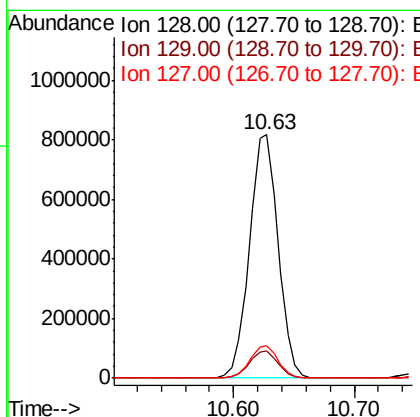
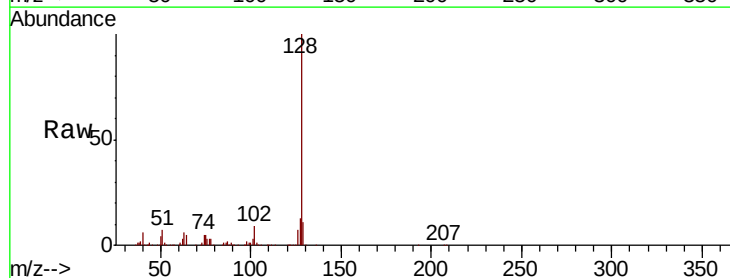
Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

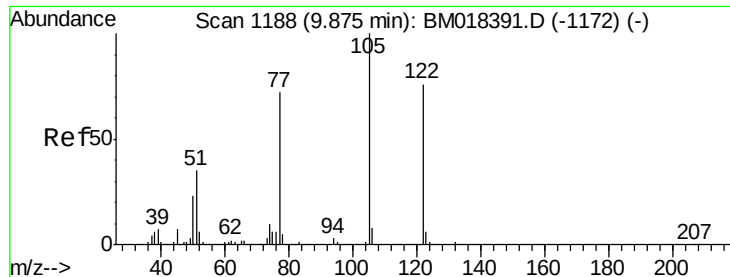
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	77.4	116.2
145	31.0	24.6	37.0



#31
 Naphthalene
 Concen: 20.183 ng
 RT: 10.63 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.3	10.8	16.2

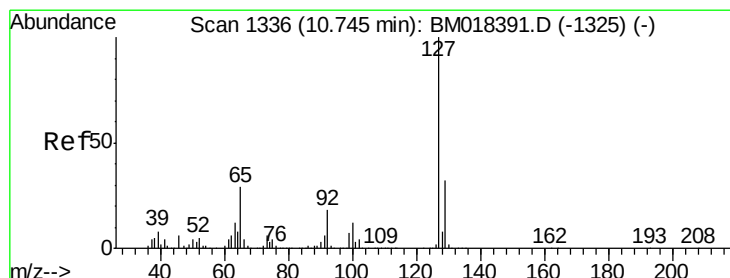
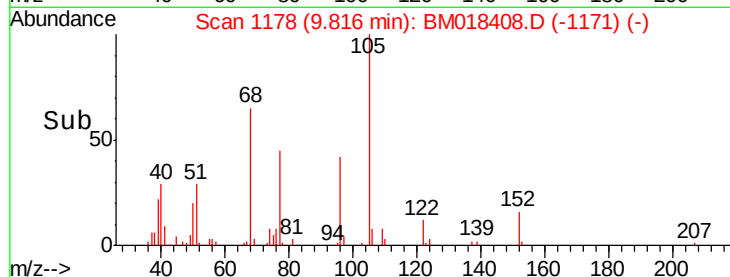
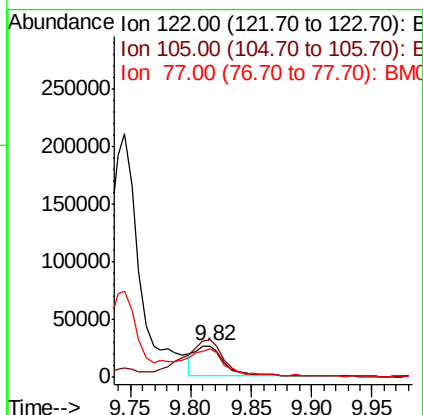
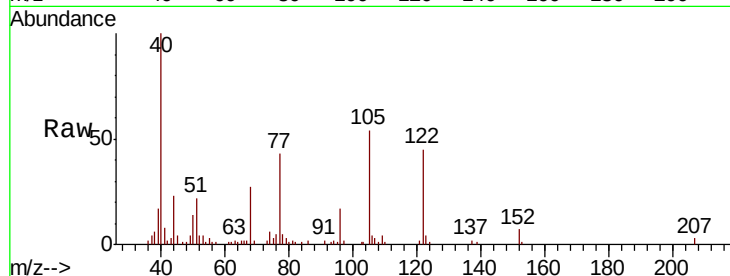




#32
Benzoic acid
Concen: 8.716 ng
RT: 9.82 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

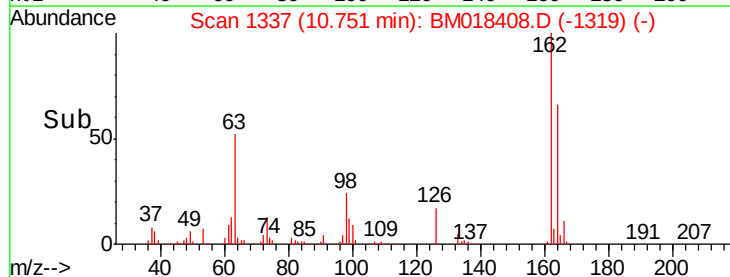
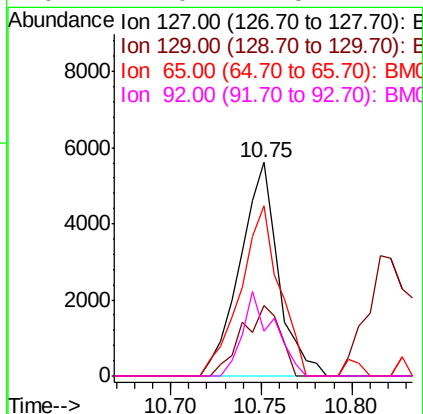
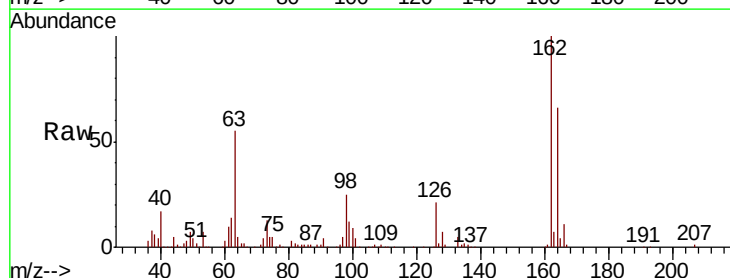
Instrument :
BNA_M
ClientSampleId :
PB116033BS

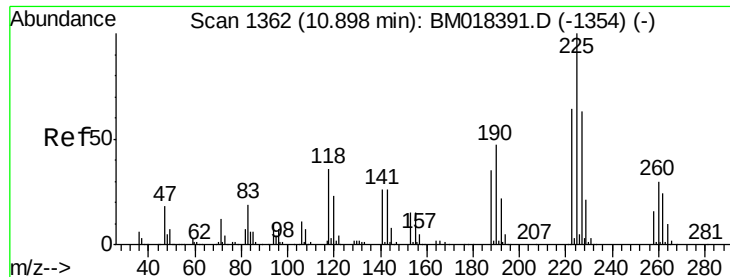
Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	100.4	140.4
77	93.8	71.7	111.7



#33
4-Chloroaniline
Concen: 0.268 ng
RT: 10.75 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	79.6	23.4	35.2#
92	21.0	14.5	21.7





#34

Hexachlorobutadiene

Concen: 17.552 ng

RT: 10.90 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

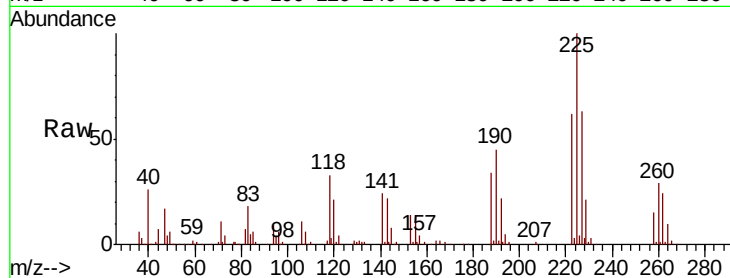
Tgt Ion: 225 Resp: 251992

Ion Ratio Lower Upper

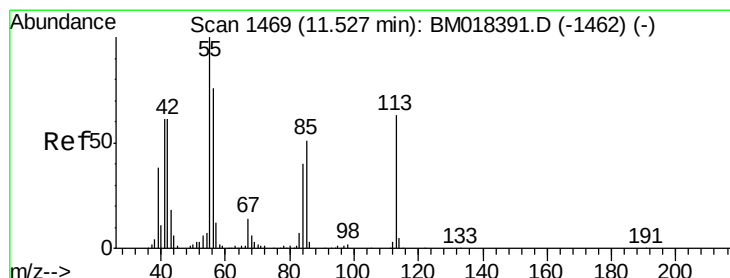
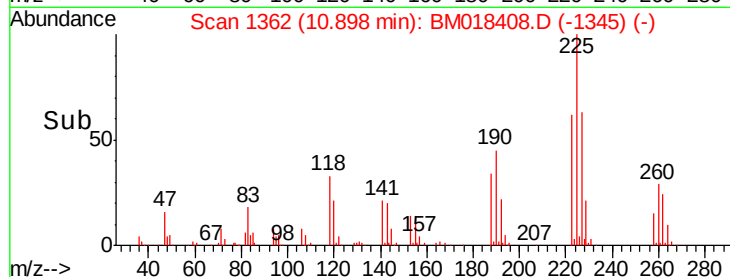
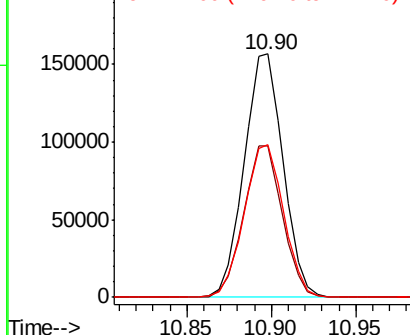
225 100

223 62.0 50.8 76.2

227 62.9 50.4 75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.135 ng

RT: 11.53 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

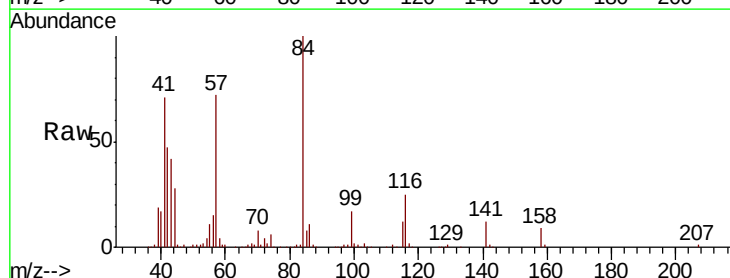
Tgt Ion: 113 Resp: 965

Ion Ratio Lower Upper

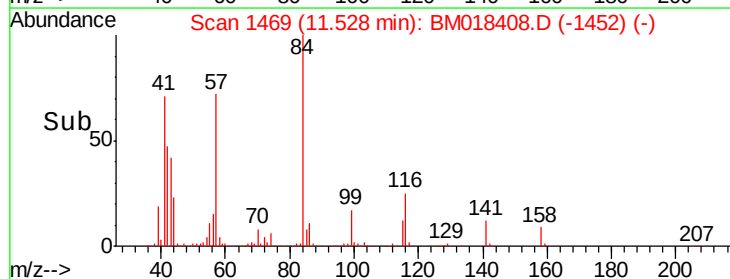
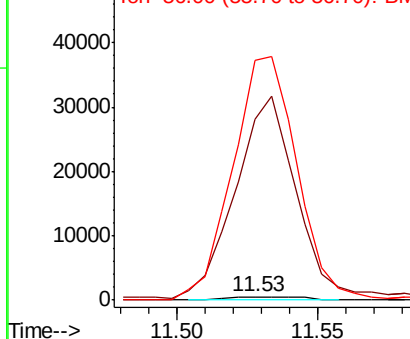
113 100

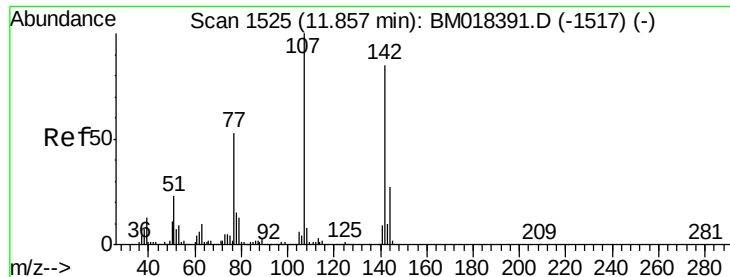
55 5145.8 139.3 179.3#

56 6838.1 101.4 141.4#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

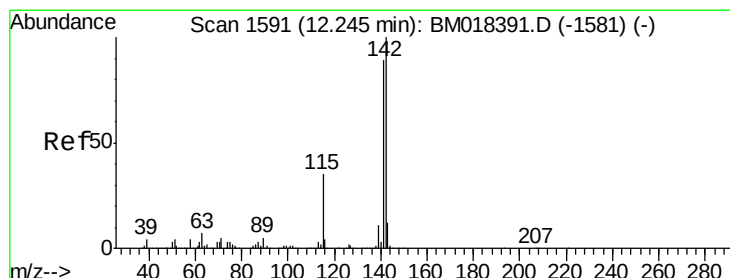
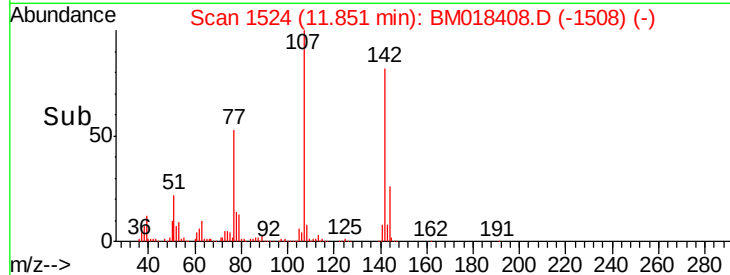
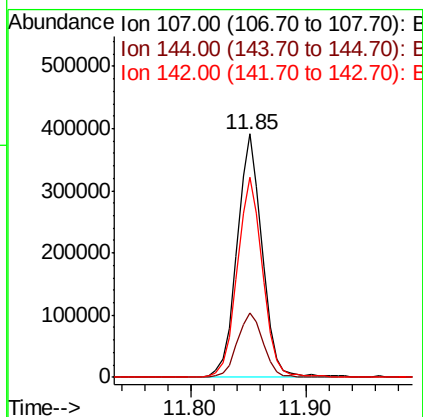
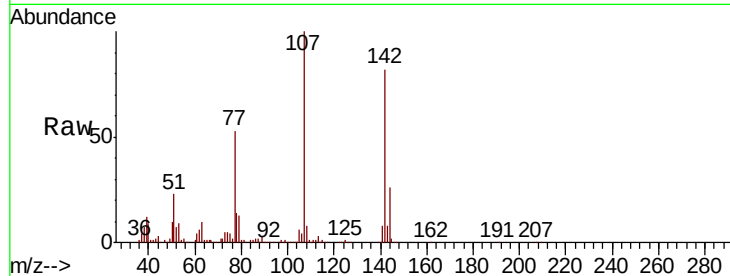




#36
 4-Chloro-3-methylphenol
 Concen: 26.913 ng
 RT: 11.85 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

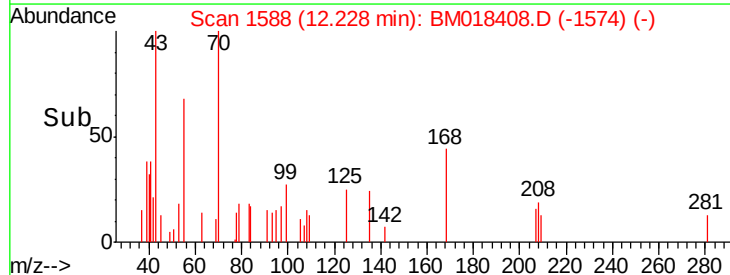
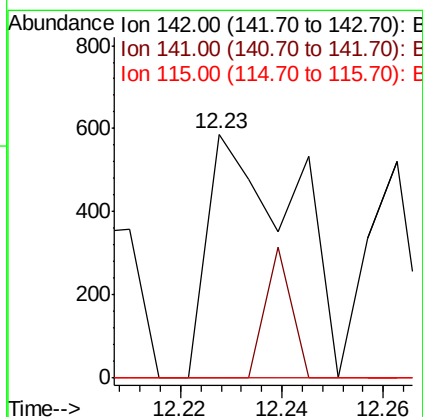
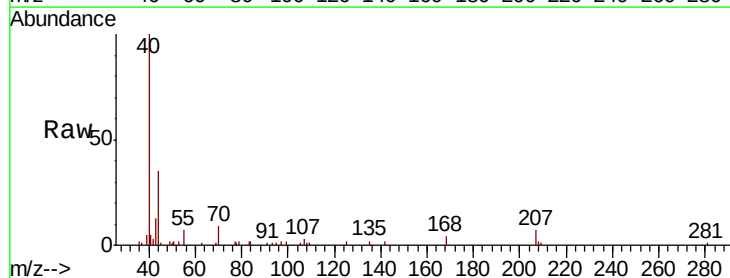
Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

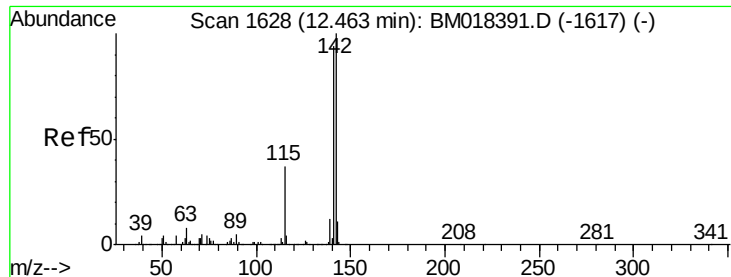
Tgt Ion:107 Resp: 588819
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.9 32.9
 142 82.4 67.9 101.9



#37
 2-Methylnaphthalene
 Concen: 0.014 ng
 RT: 12.23 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion:142 Resp: 688
 Ion Ratio Lower Upper
 142 100
 141 0.0 71.4 107.2#
 115 0.0 28.0 42.0#





#38

1-Methylnaphthalene

Concen: 0.070 ng

RT: 12.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

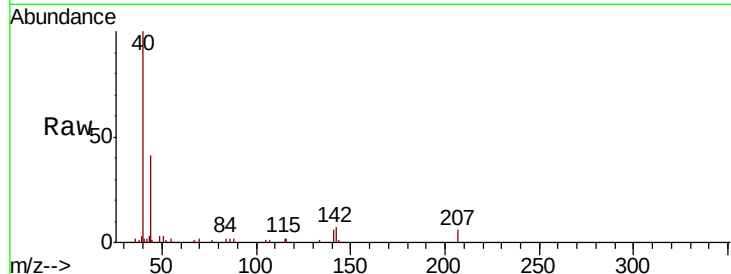
Tgt Ion:142 Resp: 3346

Ion Ratio Lower Upper

142 100

141 79.6 75.6 113.4

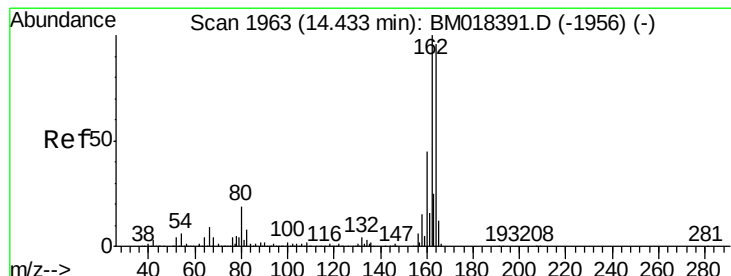
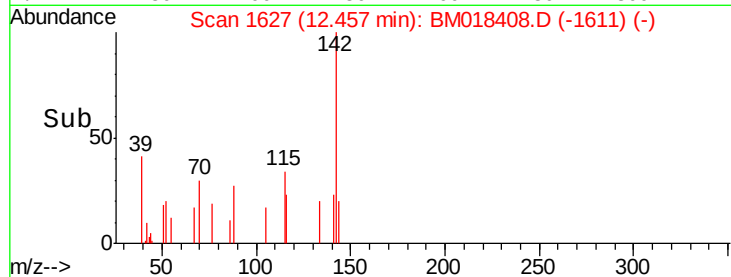
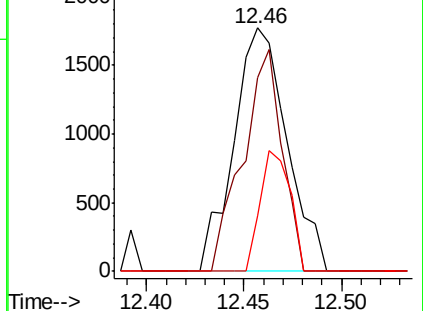
116 22.6 3.0 4.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

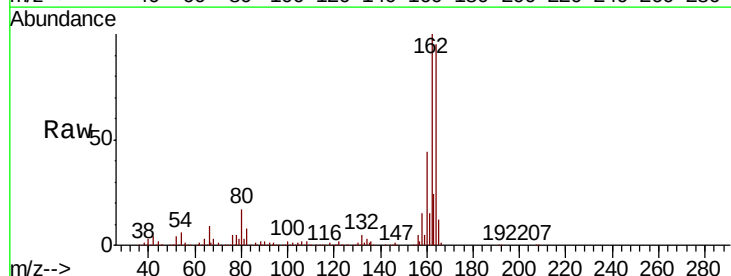
Tgt Ion:164 Resp: 858773

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.4

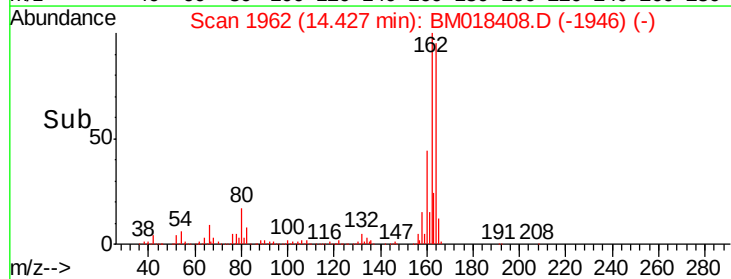
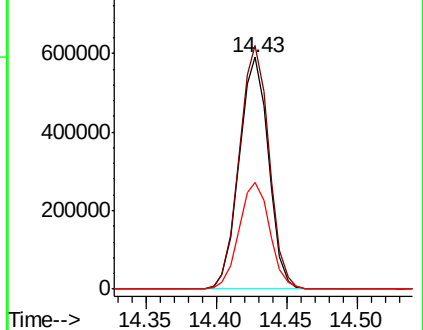
160 46.3 37.1 55.7

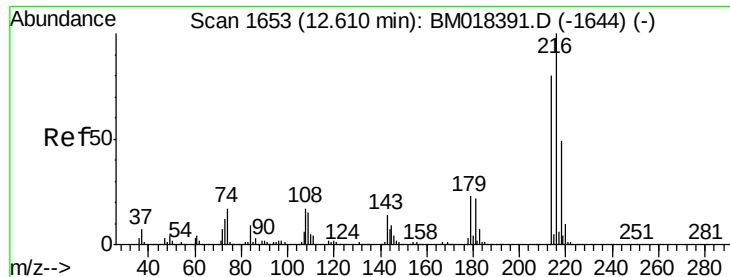


Abundance Ion 164.00 (163.70 to 164.70): E

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: 21.791 ng

RT: 12.60 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

Tgt Ion:216 Resp: 585857

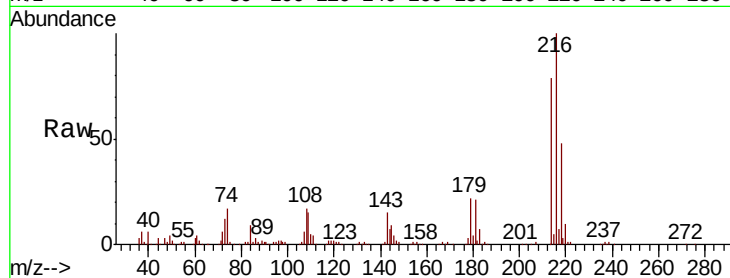
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 23.1 17.9 26.9

108 19.5 15.8 23.6

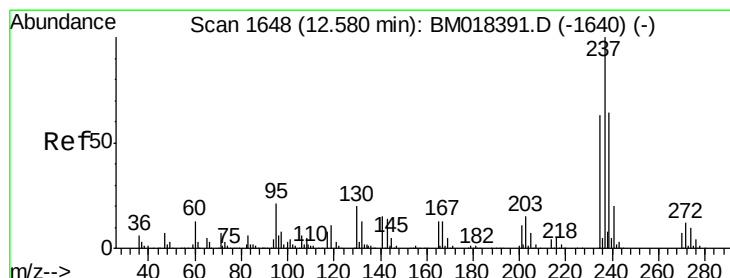
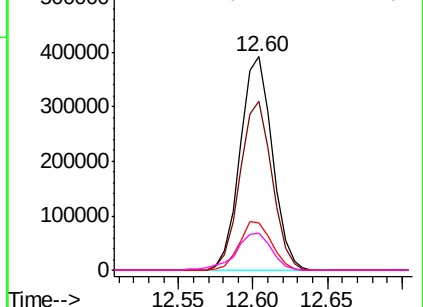
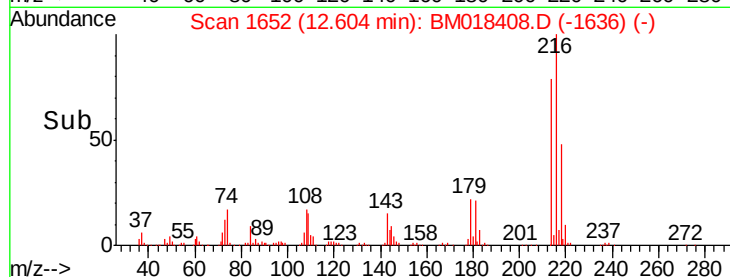


Abundance Ion 216.00 (215.70 to 216.70): E

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: 19.058 ng

RT: 12.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

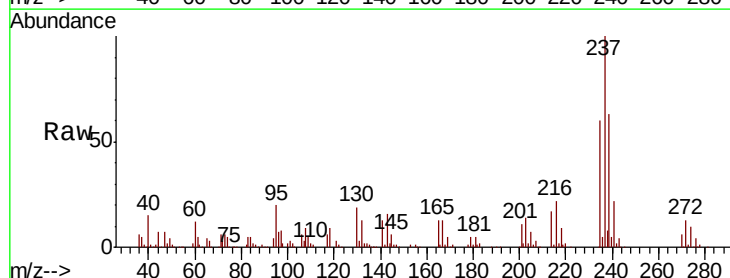
Tgt Ion:237 Resp: 248441

Ion Ratio Lower Upper

237 100

235 60.5 42.8 82.8

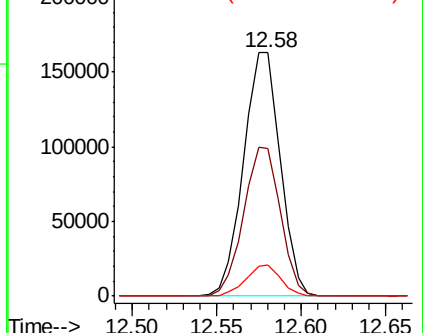
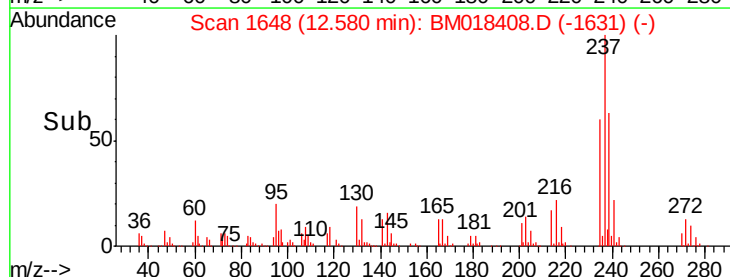
272 12.7 0.0 31.9

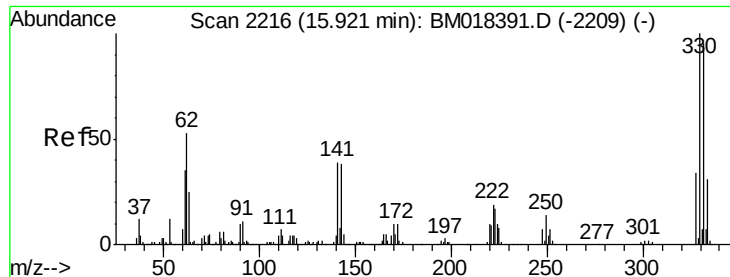


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 64.764 ng

RT: 15.92 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

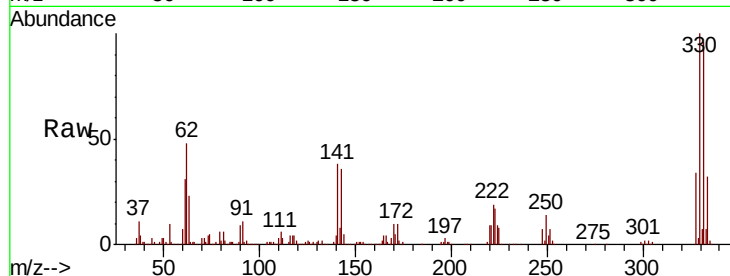
Tgt Ion:330 Resp: 706669

Ion Ratio Lower Upper

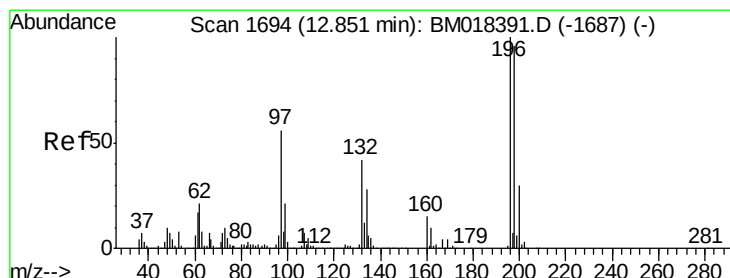
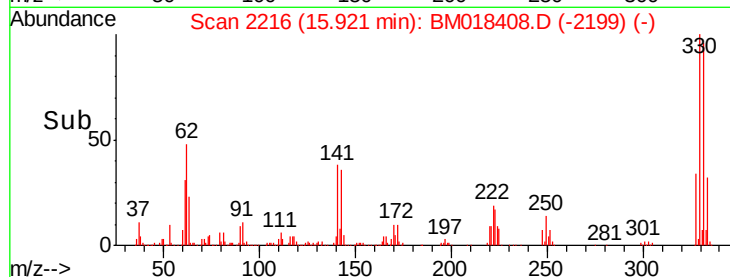
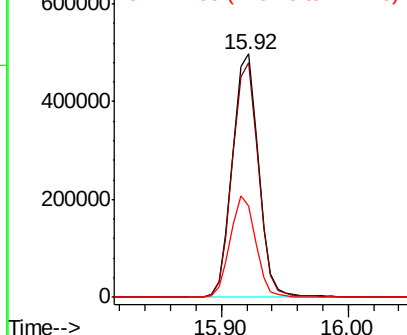
330 100

332 96.7 77.6 116.4

141 40.8 31.7 47.5



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: 28.182 ng

RT: 12.85 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

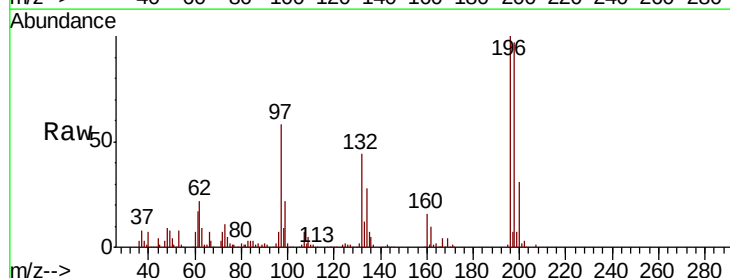
Tgt Ion:196 Resp: 430386

Ion Ratio Lower Upper

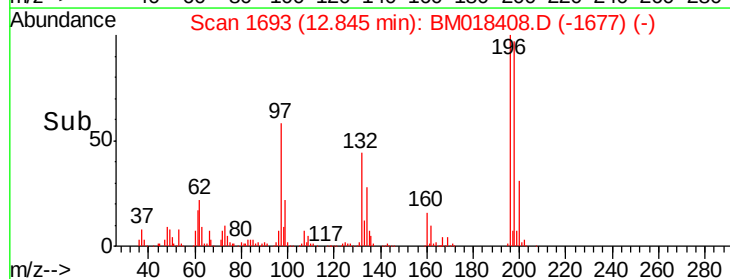
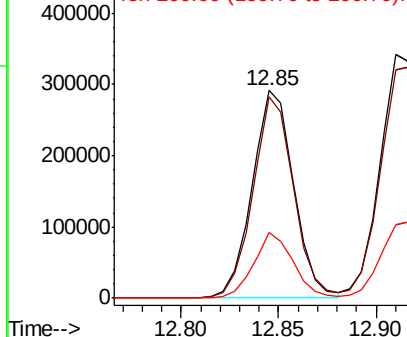
196 100

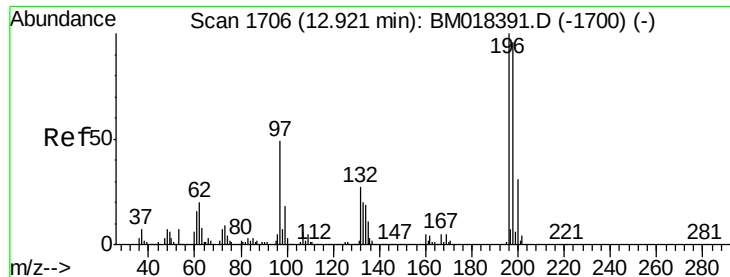
198 97.1 76.6 115.0

200 31.4 24.2 36.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

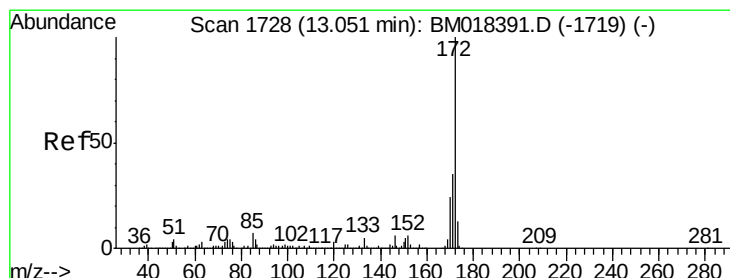
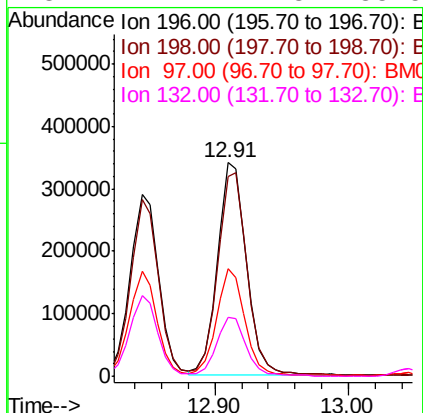
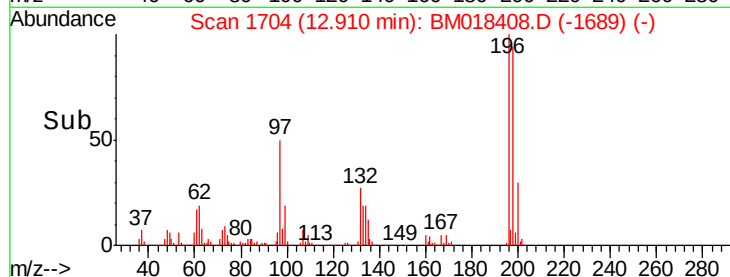
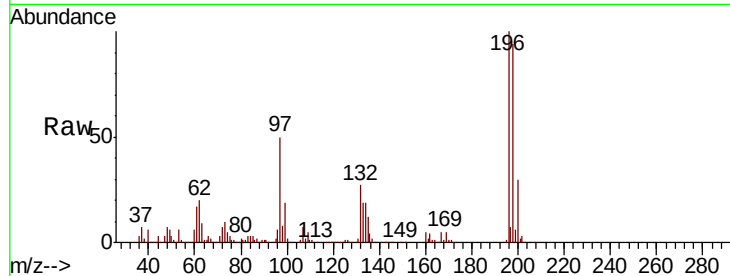




#44
2,4,5-Trichlorophenol
Concen: 31.101 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

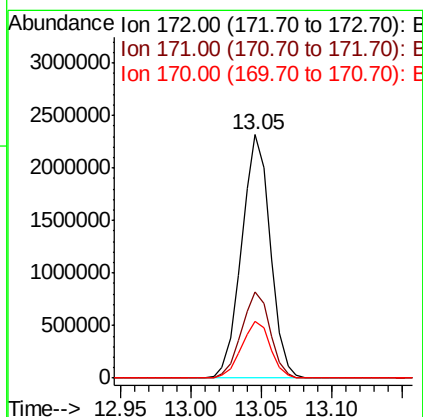
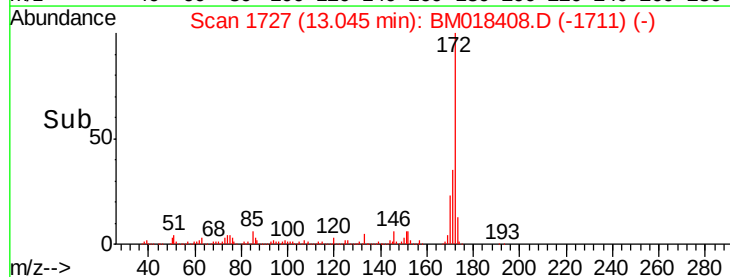
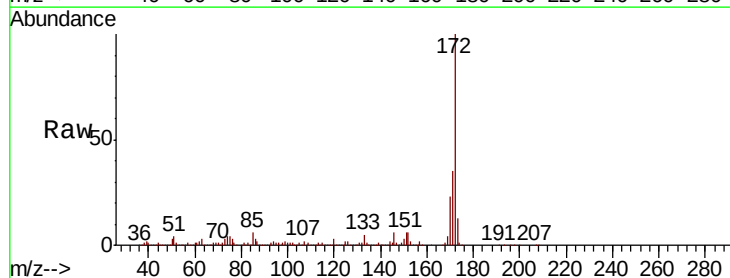
Instrument :
BNA_M
ClientSampleId :
PB116033BS

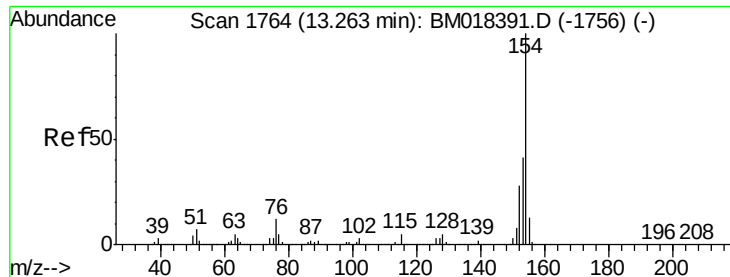
Tgt Ion:196 Resp: 519026
Ion Ratio Lower Upper
196 100
198 93.8 76.7 115.1
97 50.4 39.2 58.8
132 27.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 51.760 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion:172 Resp: 3281927
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.4 18.9 28.3

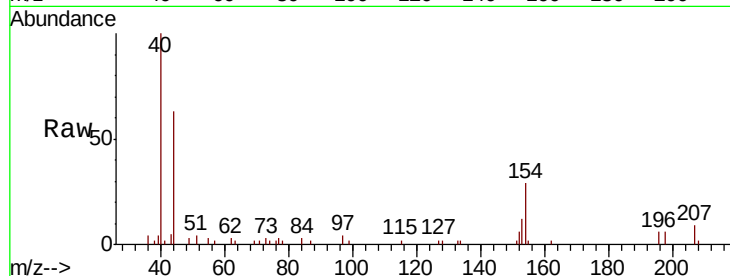




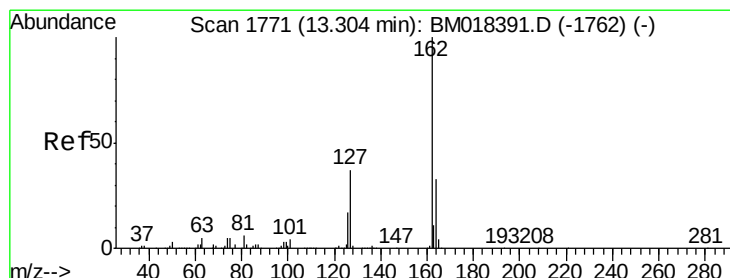
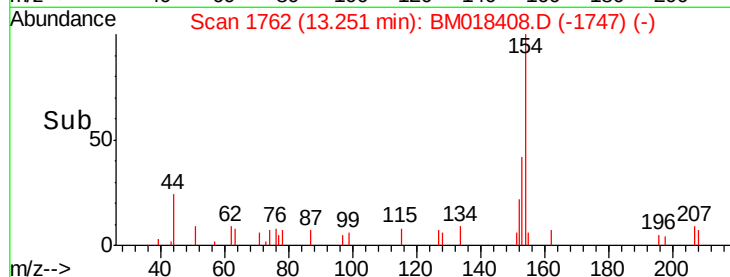
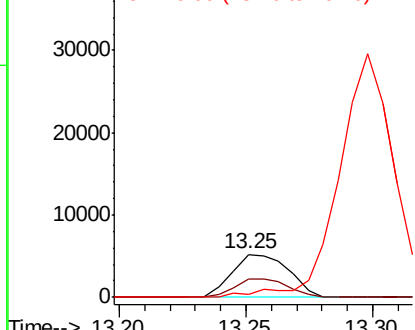
#46
1,1'-Biphenyl
Concen: 0.110 ng
RT: 13.25 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tgt Ion:154 Resp: 8050
Ion Ratio Lower Upper
154 100
153 41.9 20.5 60.5
76 7.9 0.0 31.9

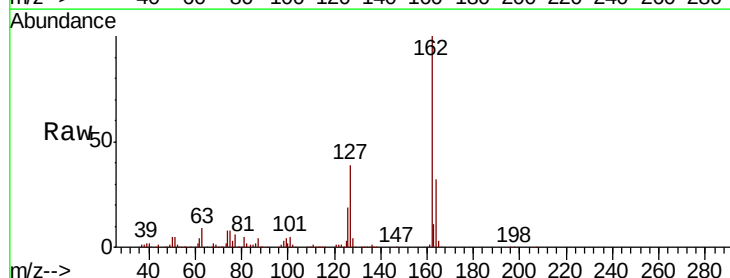


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

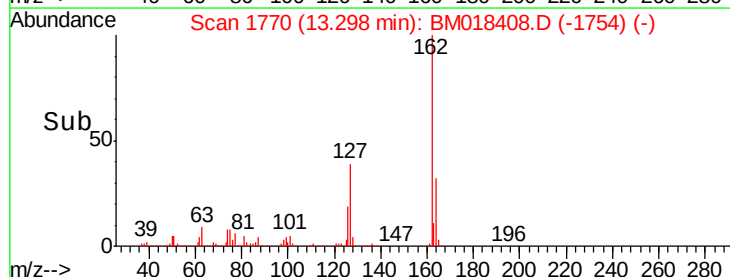
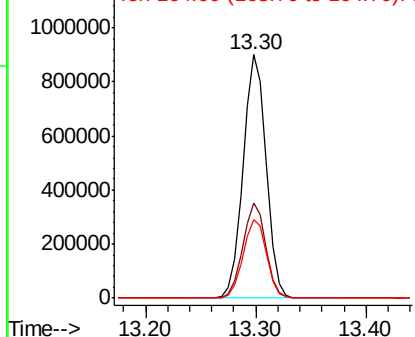


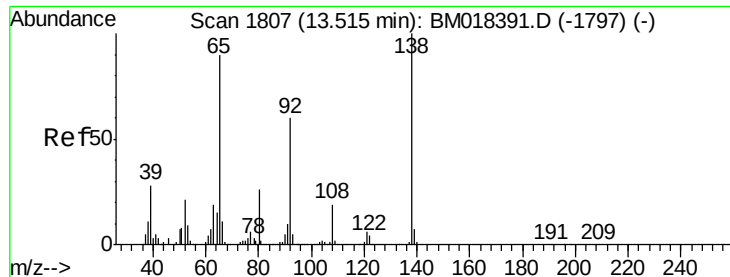
#47
2-Chloronaphthalene
Concen: 23.465 ng
RT: 13.30 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion:162 Resp: 1318909
Ion Ratio Lower Upper
162 100
127 39.1 31.4 47.0
164 32.0 26.2 39.4



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





#48

2-Nitroaniline

Concen: 0.008 ng

RT: 13.53 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

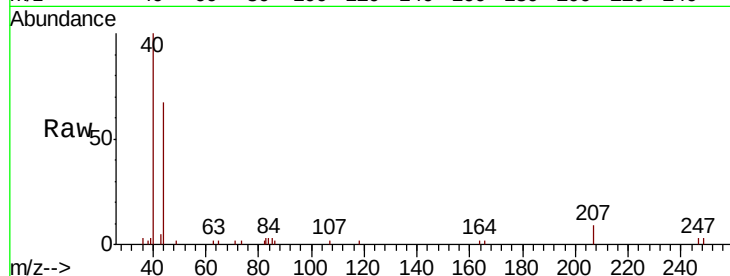
Tgt Ion: 65 Resp: 122

Ion Ratio Lower Upper

65 100

92 0.0 53.4 80.2#

138 0.0 88.9 133.3#



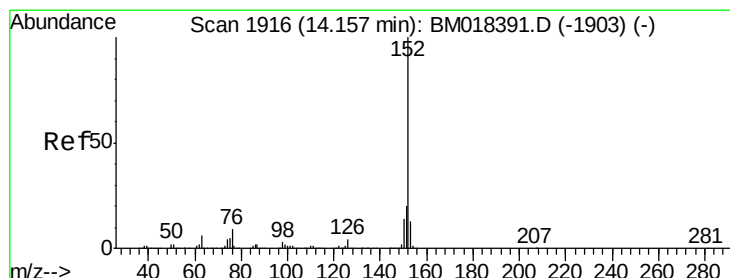
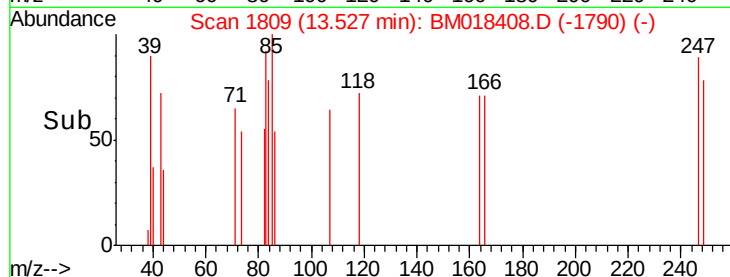
Abundance Ion 65.00 (64.70 to 65.70): BM018391.D (-1797) (-)

Ion 92.00 (91.70 to 92.70): BM018391.D (-1797) (-)

Ion 138.00 (137.70 to 138.70): BM018391.D (-1797) (-)

13.53

Time-->



#49

Acenaphthylene

Concen: 26.723 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

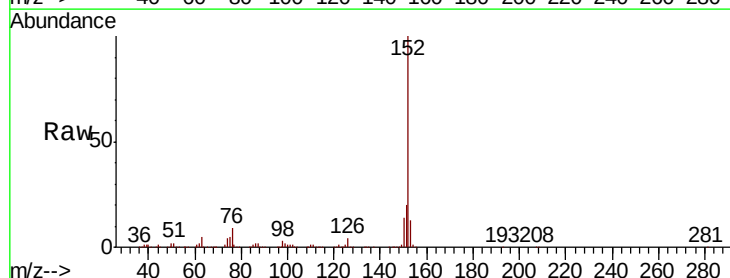
Tgt Ion: 152 Resp: 2312423

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

153 13.0 10.5 15.7



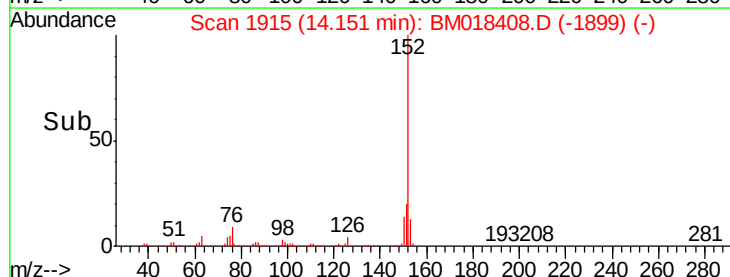
Abundance Ion 152.00 (151.70 to 152.70): BM018391.D (-1903) (-)

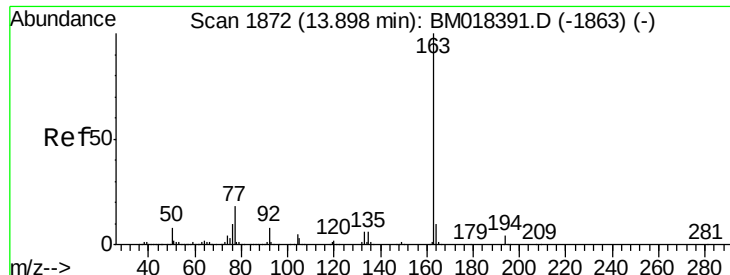
Ion 151.00 (150.70 to 151.70): BM018391.D (-1903) (-)

Ion 153.00 (152.70 to 153.70): BM018391.D (-1903) (-)

14.15

Time-->





#50

Dimethylphthalate

Concen: 28.905 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

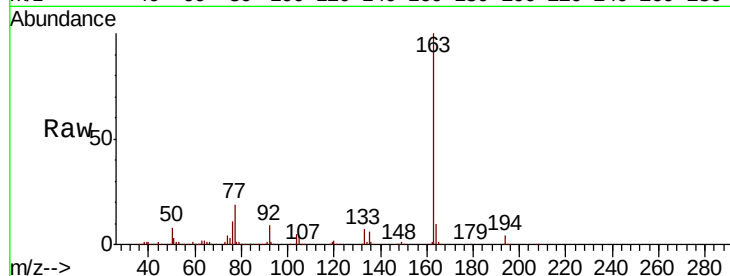
Tgt Ion:163 Resp: 2073839

Ion Ratio Lower Upper

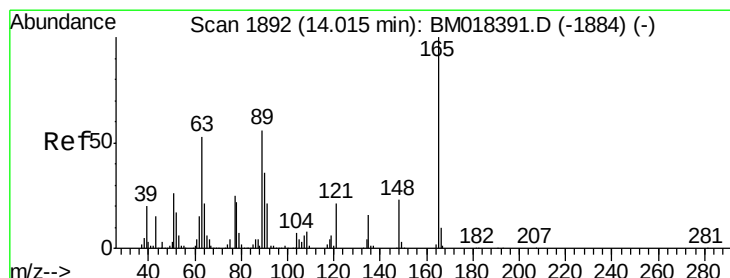
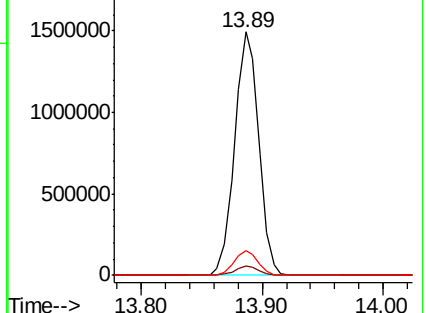
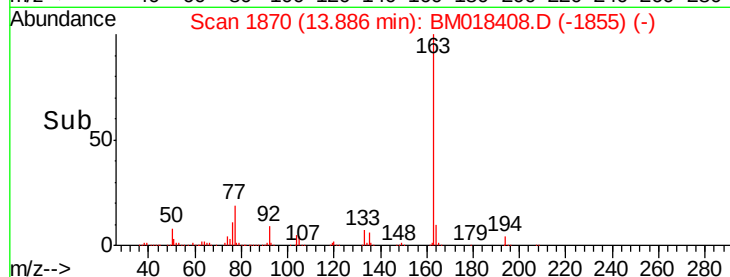
163 100

194 4.0 3.0 4.6

164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
2000000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 27.162 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

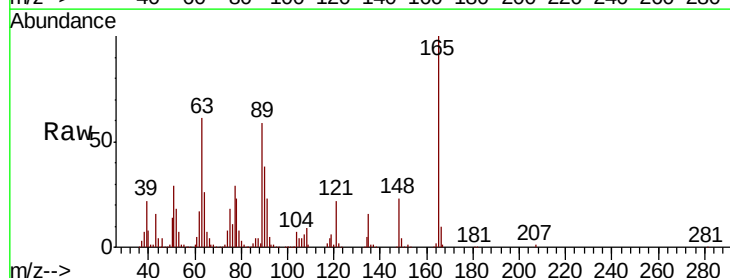
Tgt Ion:165 Resp: 408999

Ion Ratio Lower Upper

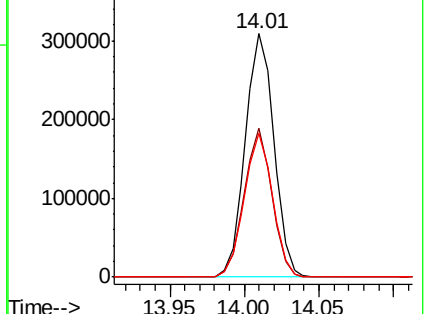
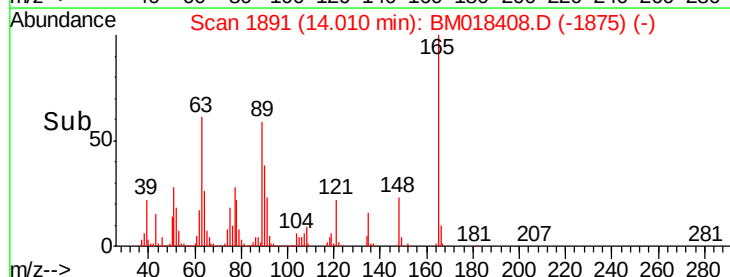
165 100

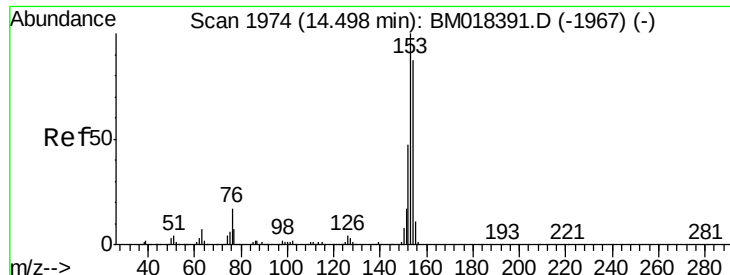
63 61.0 45.6 68.4

89 59.1 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E
400000 Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 26.898 ng

RT: 14.49 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

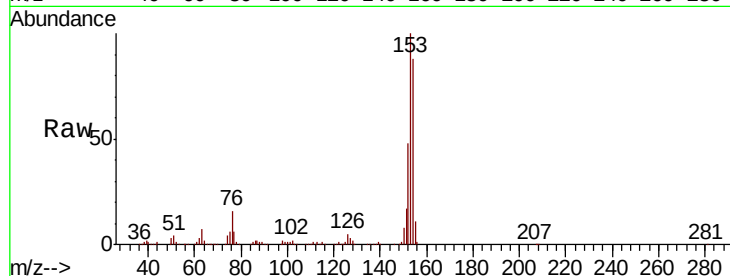
Tgt Ion:154 Resp: 1404648

Ion Ratio Lower Upper

154 100

153 114.1 92.3 138.5

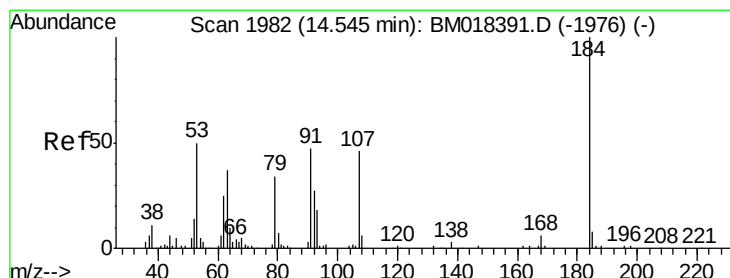
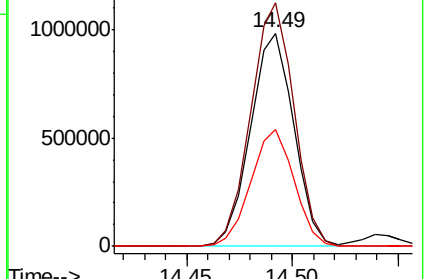
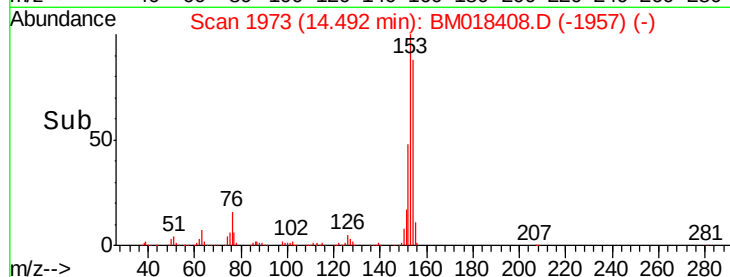
152 54.6 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 34.605 ng

RT: 14.55 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

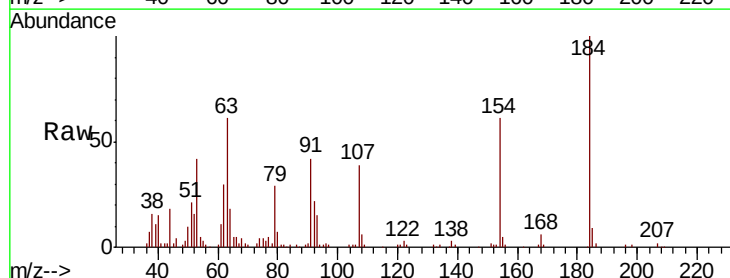
Tgt Ion:184 Resp: 123736

Ion Ratio Lower Upper

184 100

63 61.3 55.9 83.9

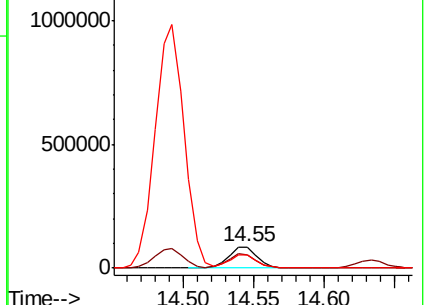
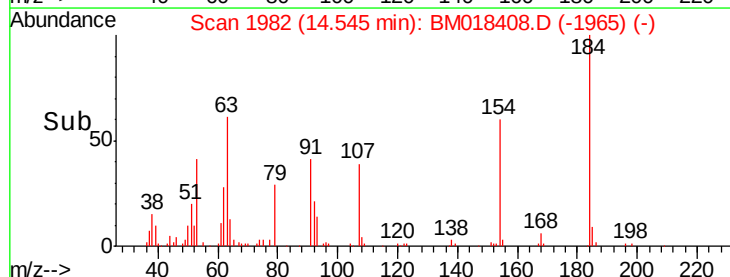
154 60.6 54.2 81.4

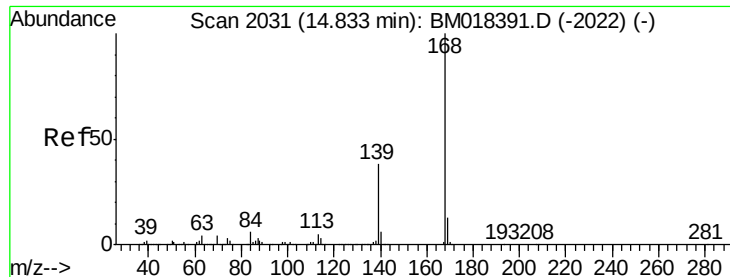


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 0.093 ng

RT: 14.83 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

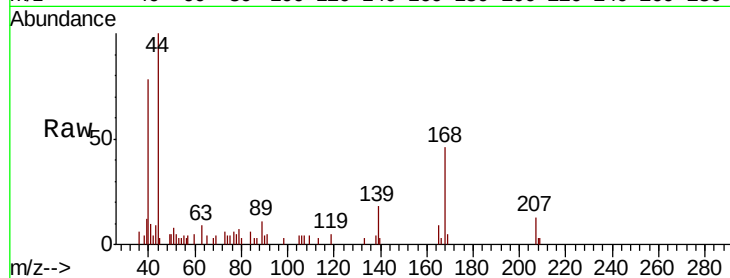
Tgt Ion:168 Resp: 7944

Ion Ratio Lower Upper

168 100

139 38.3 30.3 45.5

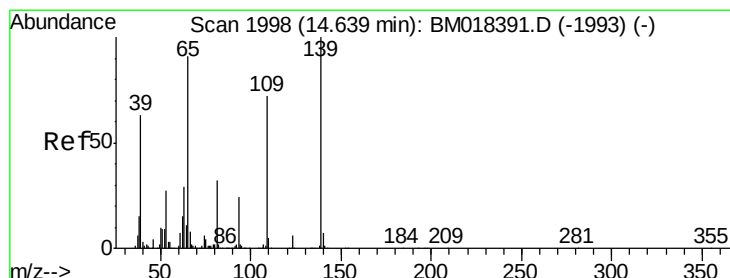
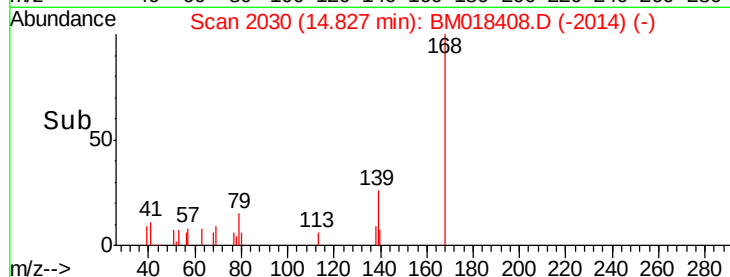
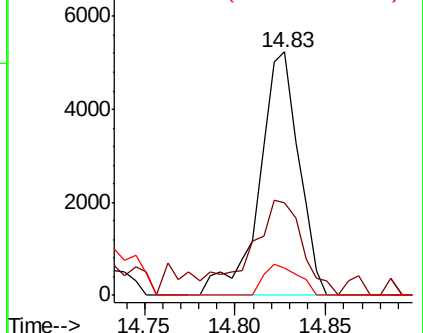
169 11.4 10.6 16.0



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: 15.882 ng

RT: 14.63 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

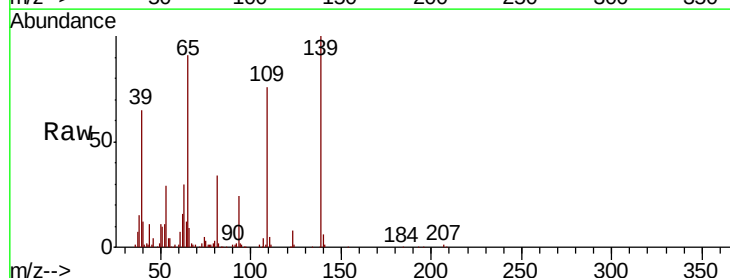
Tgt Ion:139 Resp: 158663

Ion Ratio Lower Upper

139 100

109 75.6 51.7 91.7

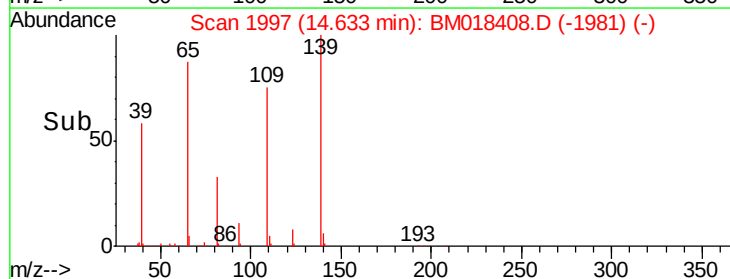
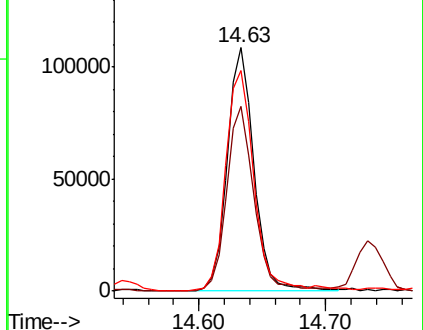
65 90.6 71.4 111.4

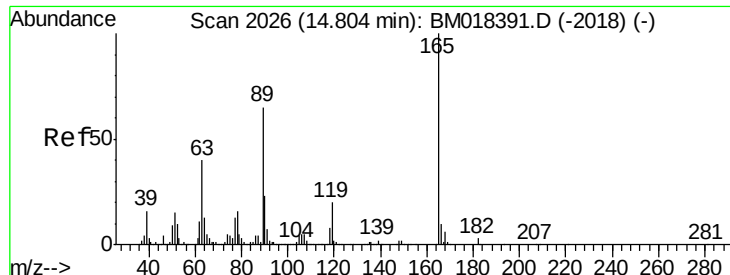


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

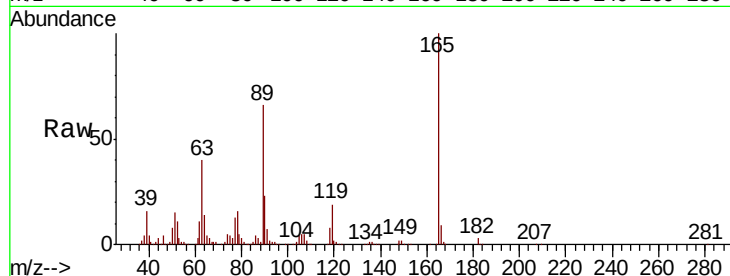




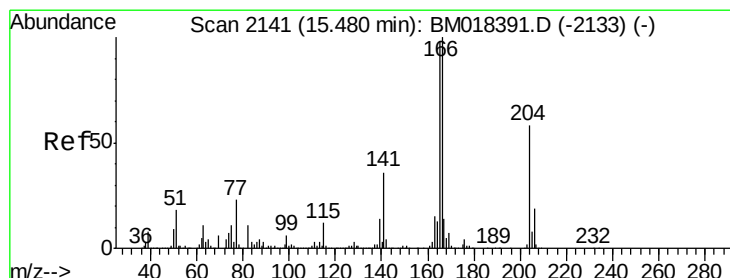
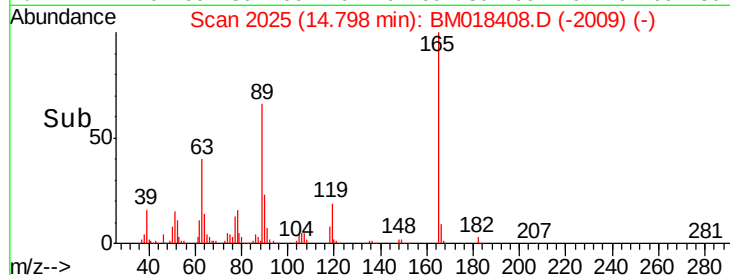
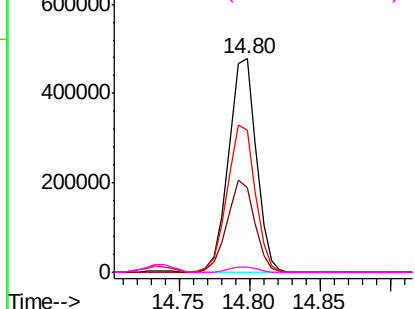
#57
2,4-Dinitrotoluene
Concen: 32.052 ng
RT: 14.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.9	32.2	48.2
89	66.3	52.1	78.1
182	2.6	2.5	3.7

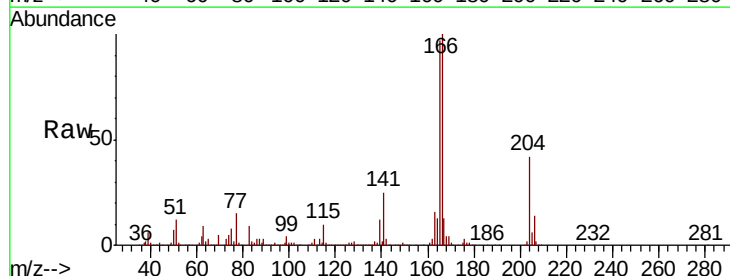


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

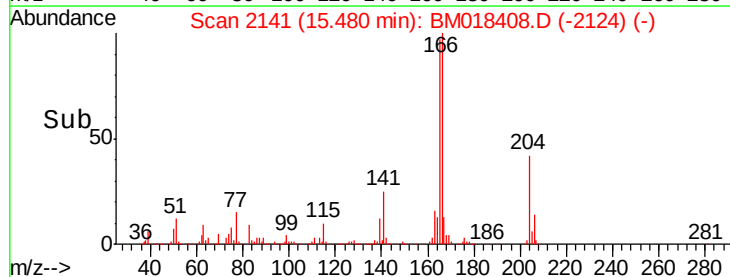
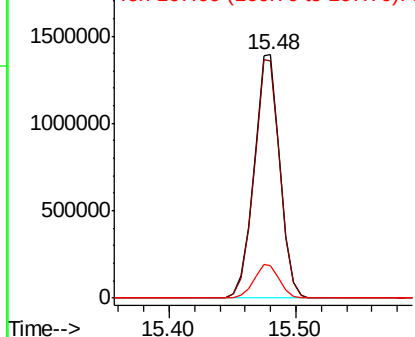


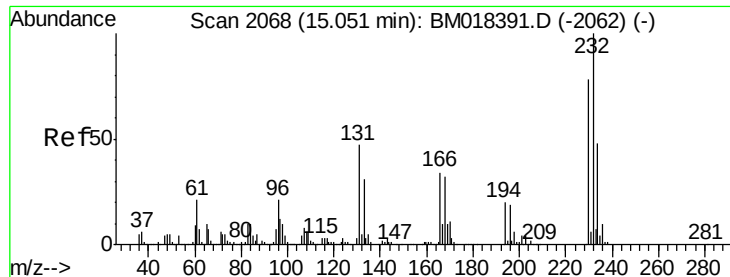
#58
Fluorene
Concen: 29.678 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.3	117.5
167	13.2	10.9	16.3



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

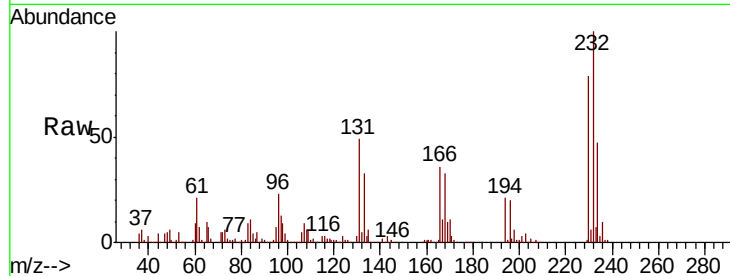




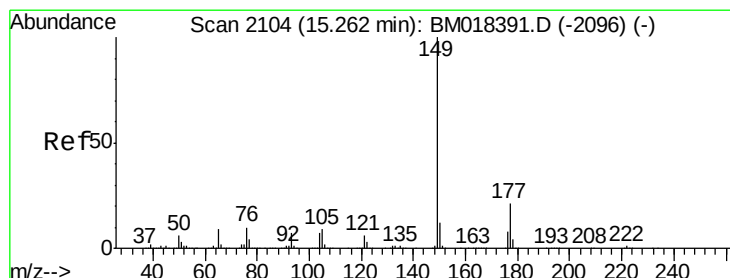
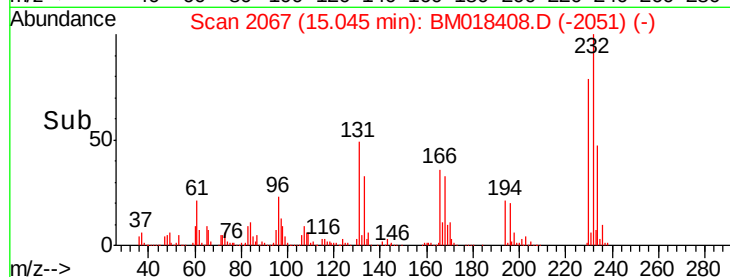
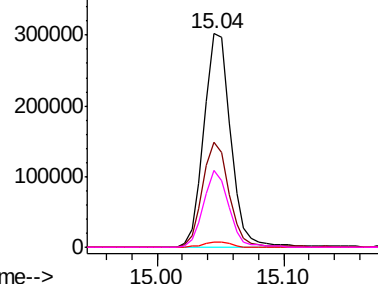
#59
2,3,4,6-Tetrachlorophenol
Concen: 28.568 ng
RT: 15.04 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tgt Ion:	232	Resp:	440281
Ion	Ratio	Lower	Upper
232	100		
131	49.1	38.6	57.8
130	2.7	2.2	3.4
166	34.1	27.2	40.8

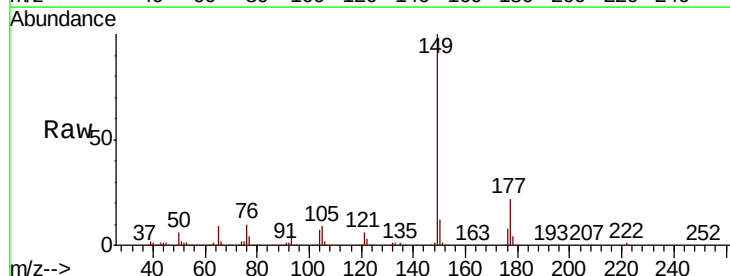


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

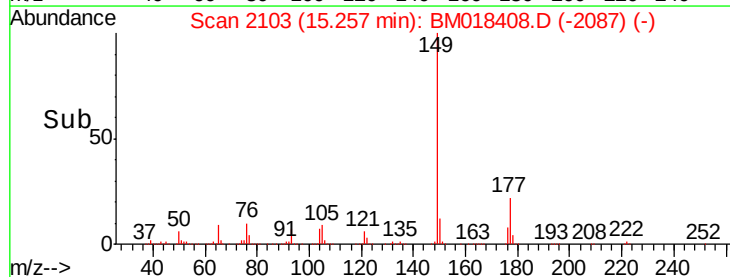
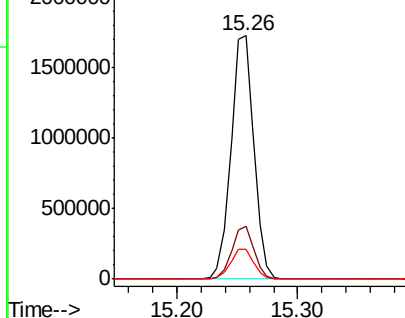


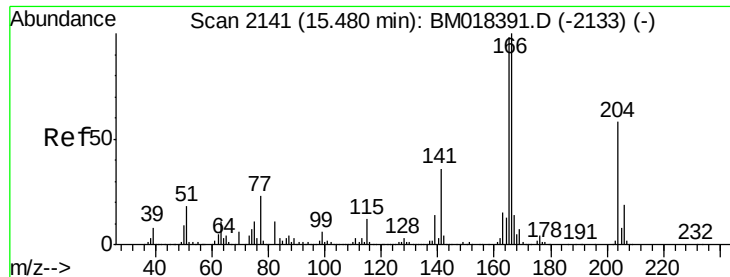
#60
Diethylphthalate
Concen: 30.288 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion:	149	Resp:	2272936
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.1	25.7
150	12.5	9.8	14.6



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

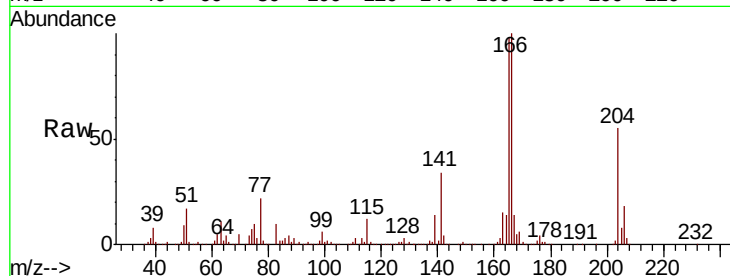




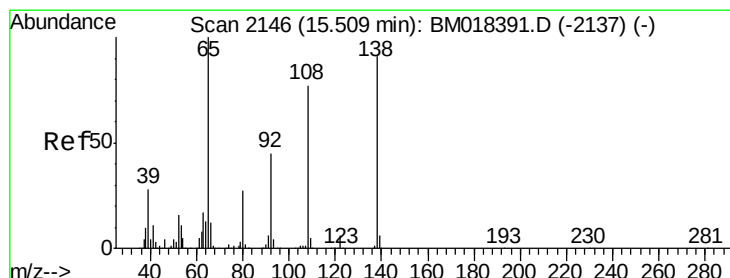
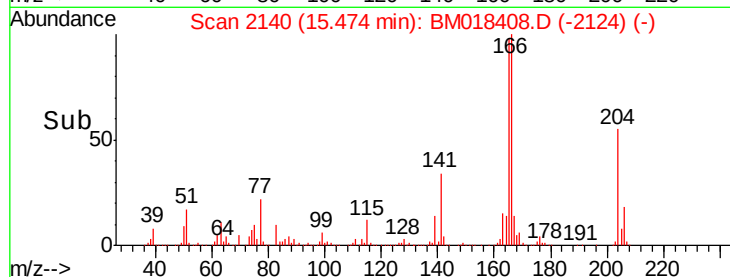
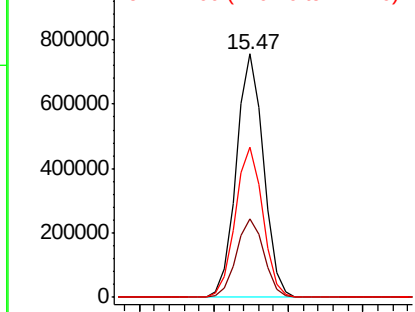
#61
4-Chlorophenyl-phenylether
Concen: 26.153 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tgt Ion:204 Resp: 956303
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 61.9 49.5 74.3

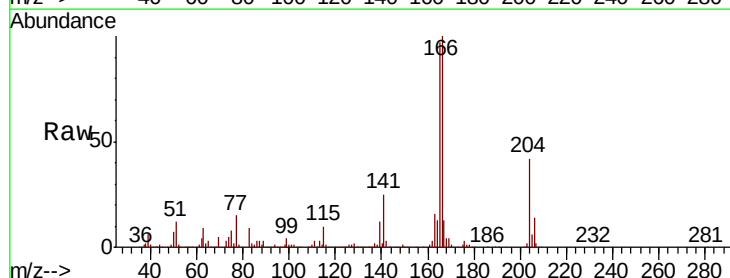


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

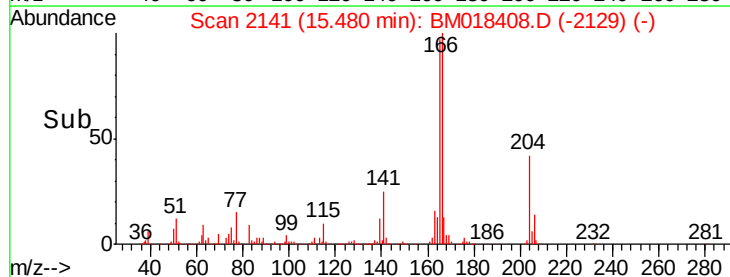
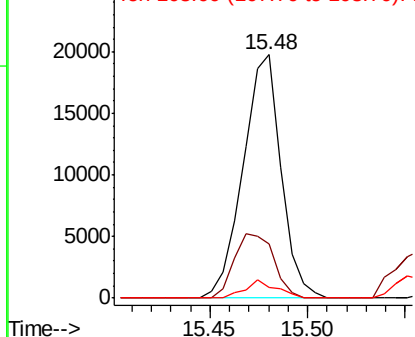


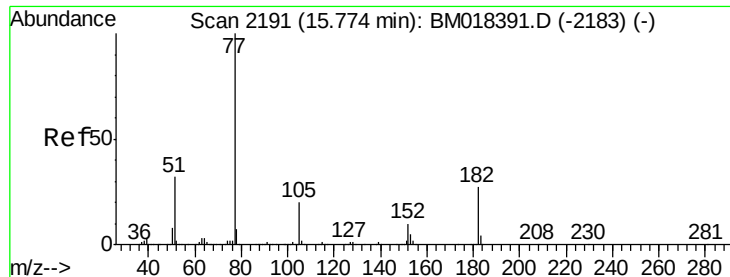
#62
4-Nitroaniline
Concen: 1.493 ng
RT: 15.48 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion:138 Resp: 26605
Ion Ratio Lower Upper
138 100
92 22.3 29.0 69.0#
108 4.5 63.9 103.9#



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

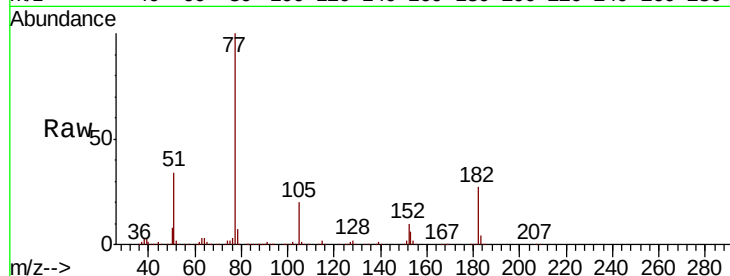




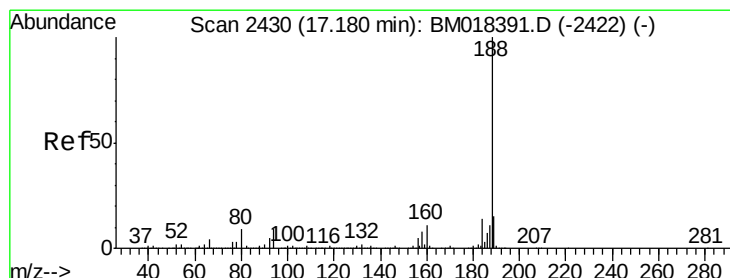
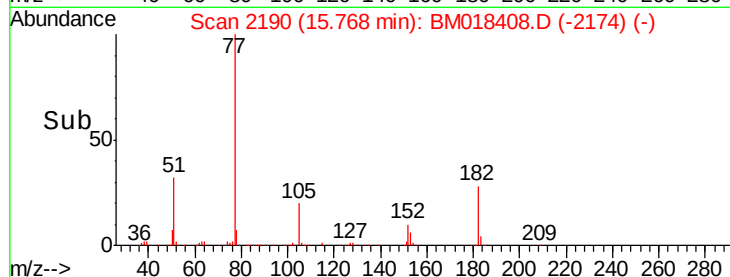
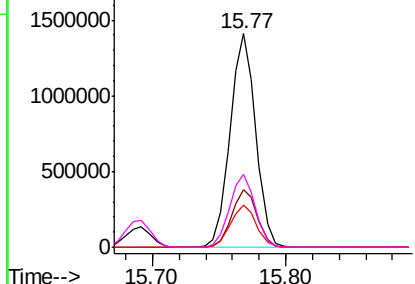
#63
Azobenzene
Concen: 27.453 ng
RT: 15.77 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tgt Ion: 77 Resp: 1877695
Ion Ratio Lower Upper
77 100
182 26.9 7.4 47.4
105 19.7 0.0 39.6
51 34.1 12.0 52.0

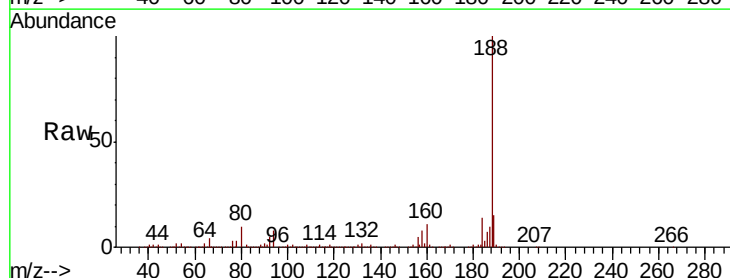


Abundance Ion 77.00 (76.70 to 77.70): BM018391.D (-2183) (-)
Ion 182.00 (181.70 to 182.70): BM018391.D (-2183) (-)
Ion 105.00 (104.70 to 105.70): BM018391.D (-2183) (-)
Ion 51.00 (50.70 to 51.70): BM018391.D (-2183) (-)

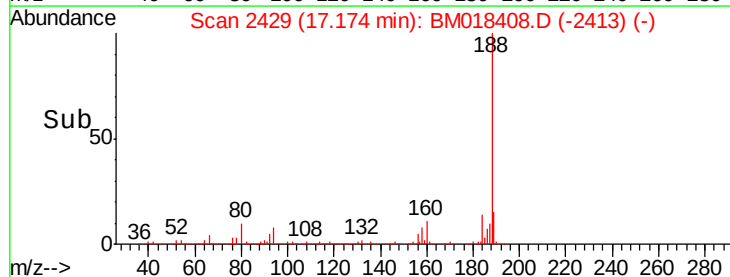
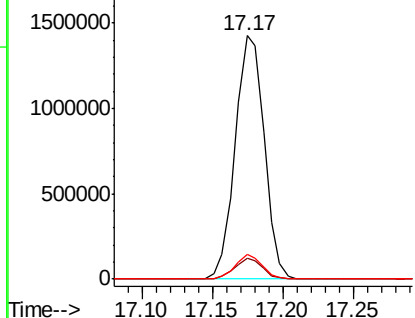


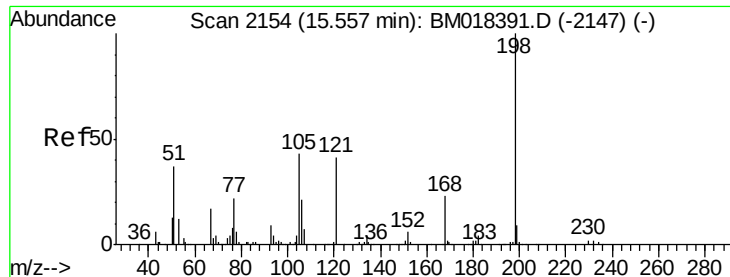
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion: 188 Resp: 2046515
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.9 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018391.D (-2422) (-)
Ion 94.00 (93.70 to 94.70): BM018391.D (-2422) (-)
Ion 80.00 (79.70 to 80.70): BM018391.D (-2422) (-)

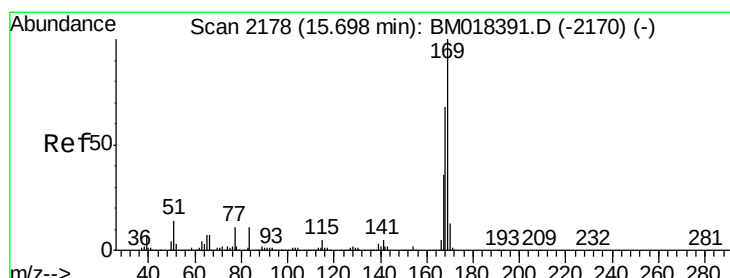
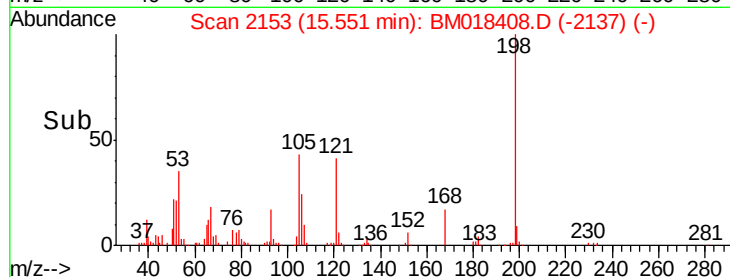
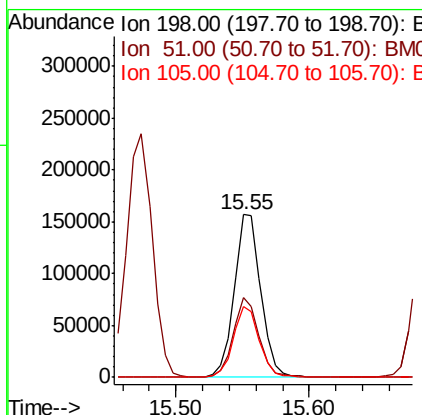
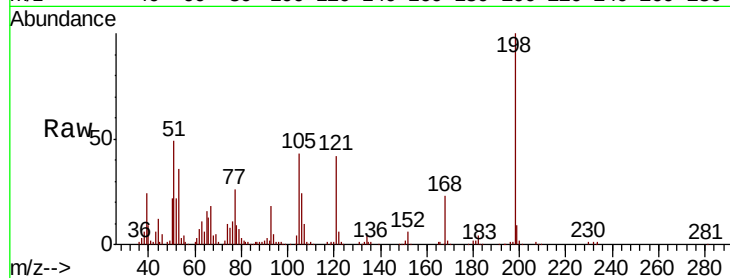




#65
 4,6-Dinitro-2-methylphenol
 Concen: 30.233 ng
 RT: 15.55 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

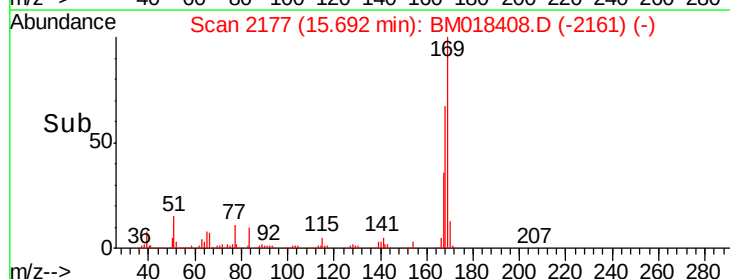
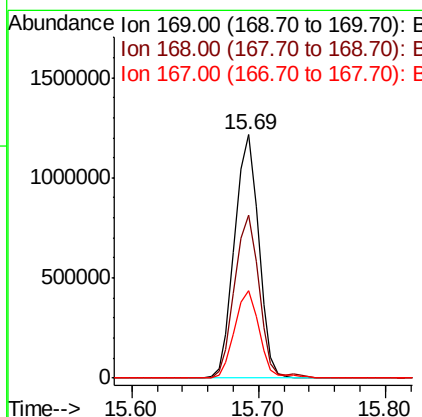
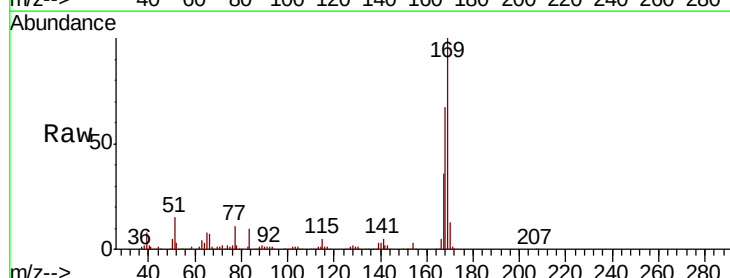
Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

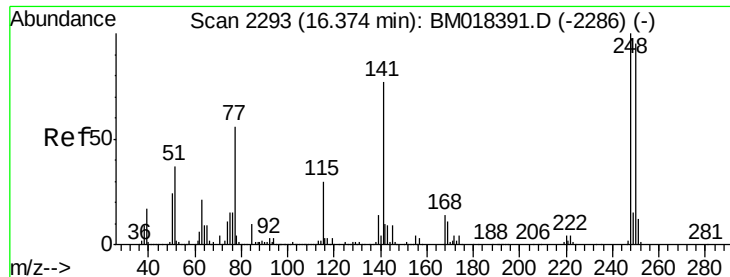
Tgt Ion:198 Resp: 218173
 Ion Ratio Lower Upper
 198 100
 51 49.1 29.6 69.6
 105 43.3 25.5 65.5



#66
 n-Nitrosodiphenylamine
 Concen: 25.103 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion:169 Resp: 1601139
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.1 81.1
 167 35.8 28.6 42.8

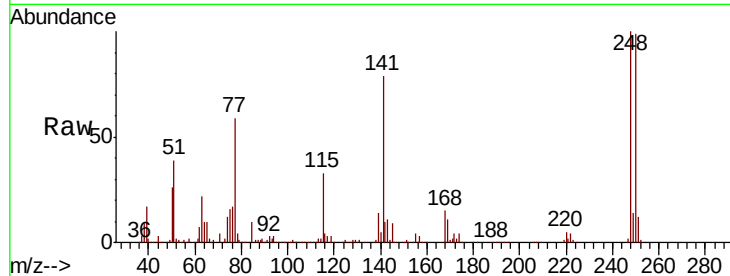




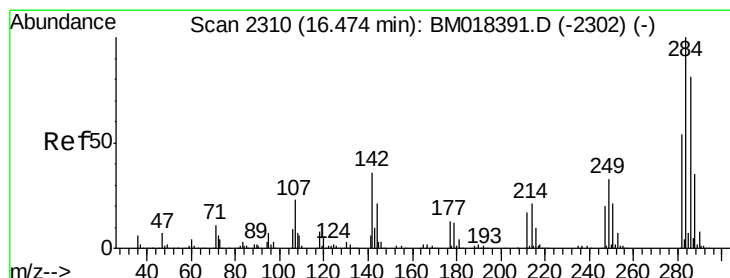
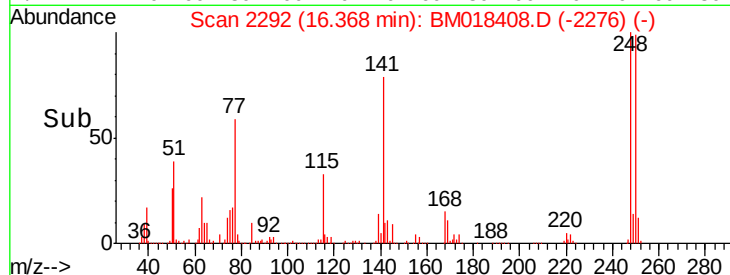
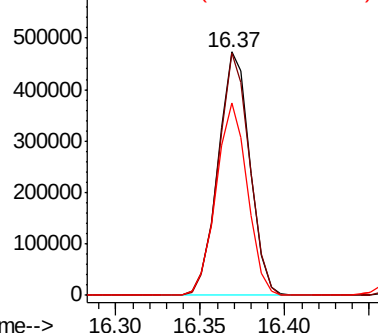
#67
4-Bromophenyl-phenylether
Concen: 27.854 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tgt Ion:248 Resp: 620754
Ion Ratio Lower Upper
248 100
250 99.5 76.0 114.0
141 79.3 61.5 92.3

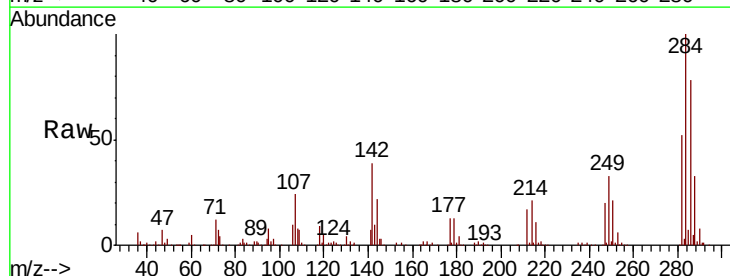


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

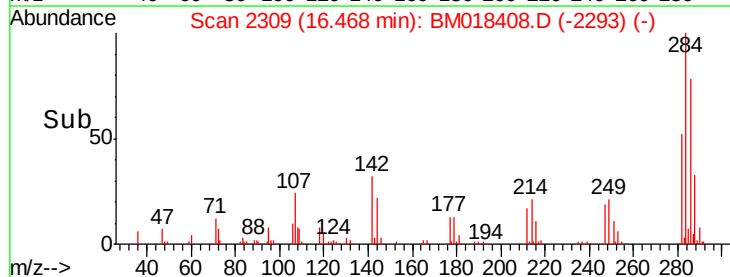
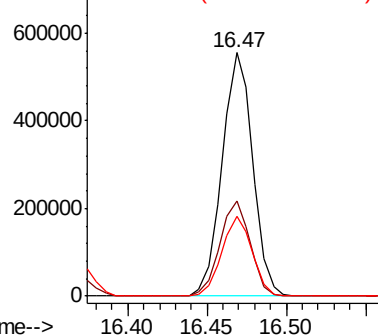


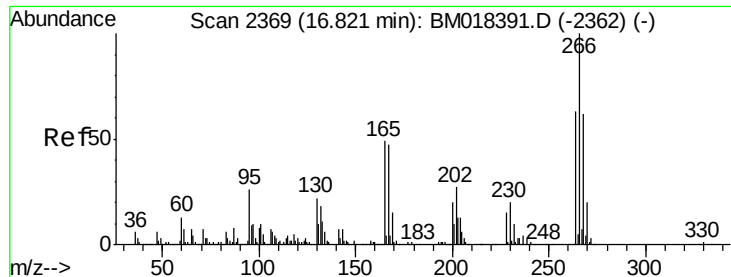
#68
Hexachlorobenzene
Concen: 29.501 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion:284 Resp: 744757
Ion Ratio Lower Upper
284 100
142 38.8 29.2 43.8
249 32.5 26.1 39.1



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

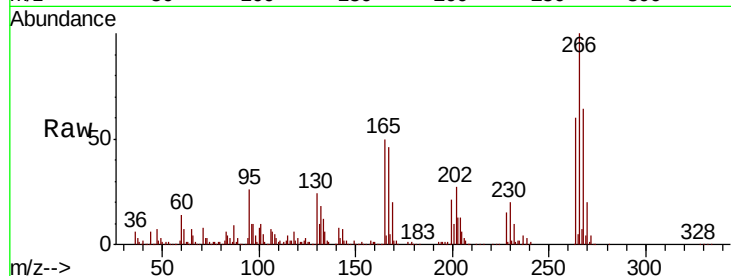




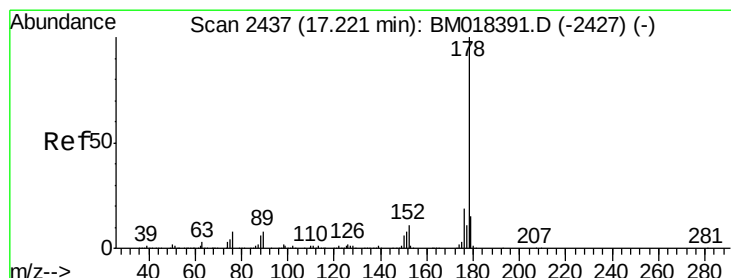
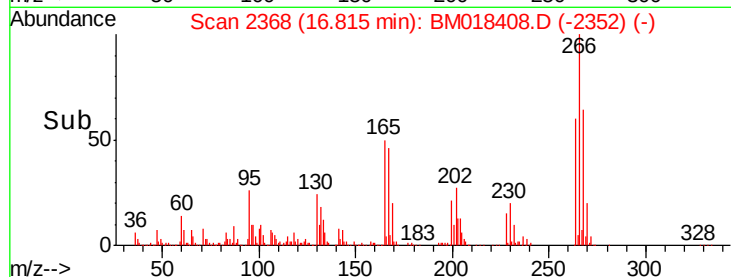
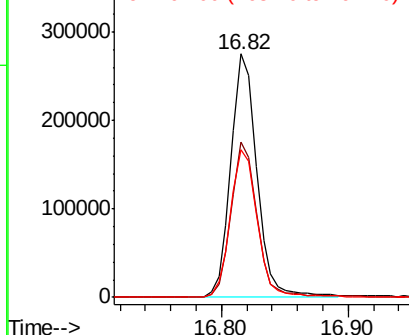
#70
 Pentachlorophenol
 Concen: 26.698 ng
 RT: 16.82 min Scan# 2368
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Tgt Ion:266 Resp: 393001
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.8 74.6
 264 60.4 50.1 75.1

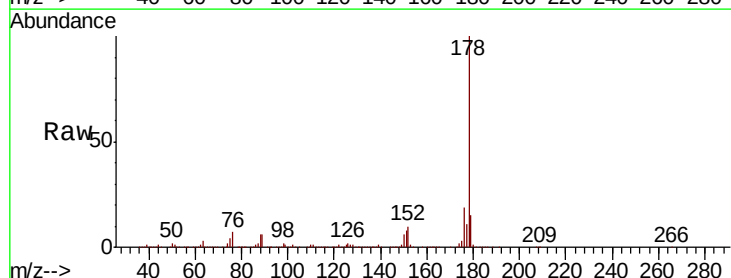


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

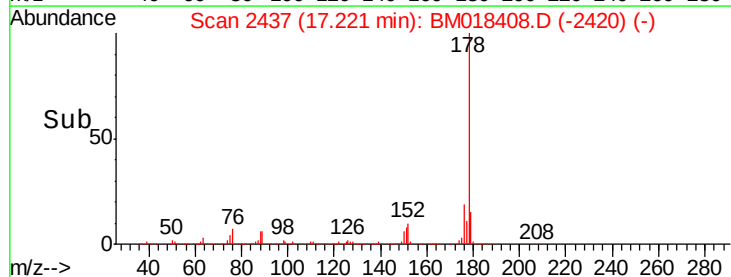
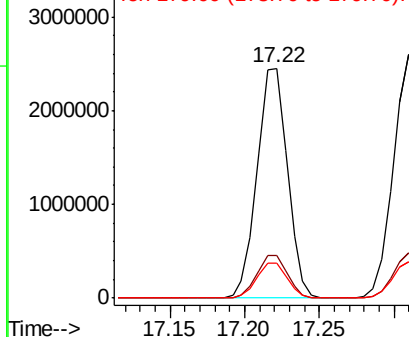


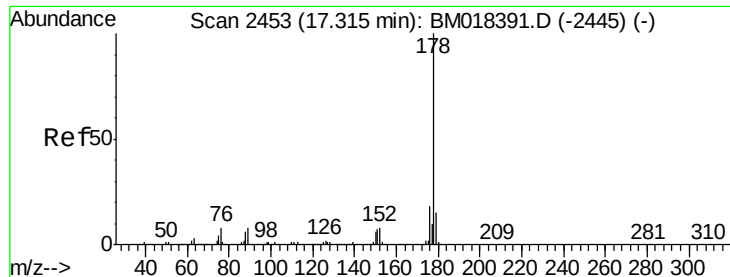
#71
 Phenanthrene
 Concen: 31.797 ng
 RT: 17.22 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion:178 Resp: 3444649
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.1 12.2 18.4



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: 32.270 ng

RT: 17.31 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

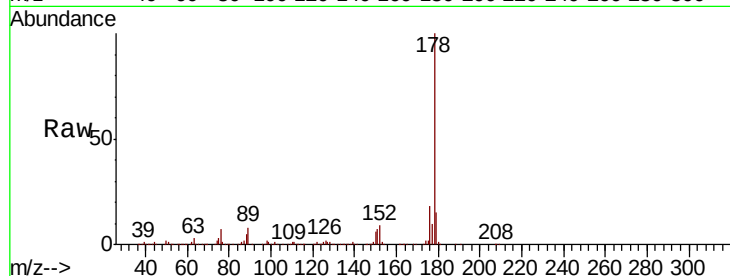
Tgt Ion:178 Resp: 3482623

Ion Ratio Lower Upper

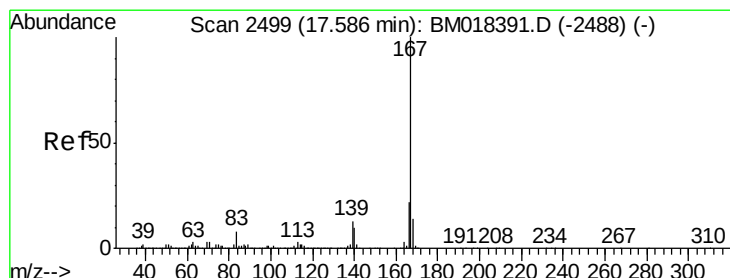
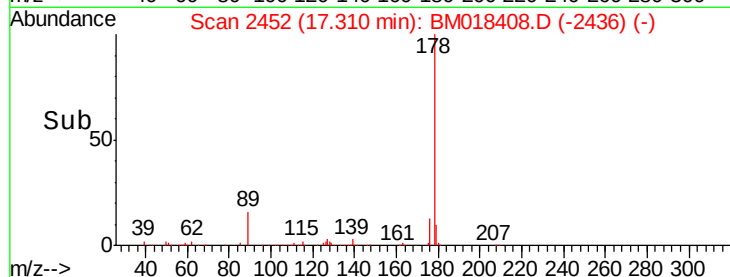
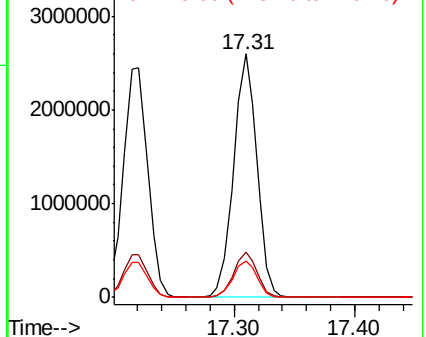
178 100

176 18.3 14.7 22.1

179 15.0 12.2 18.4



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: 31.145 ng

RT: 17.59 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

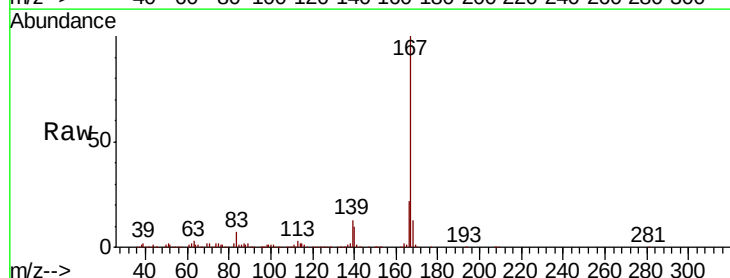
Tgt Ion:167 Resp: 3529980

Ion Ratio Lower Upper

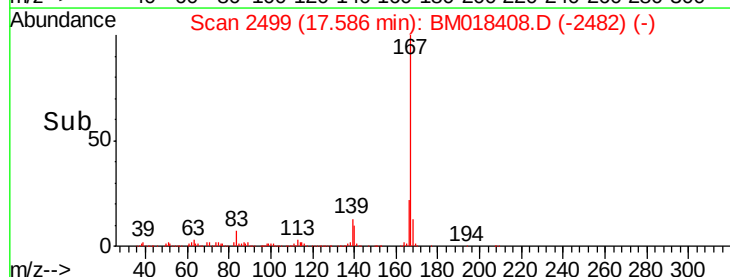
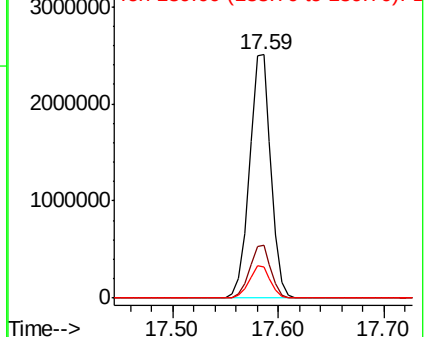
167 100

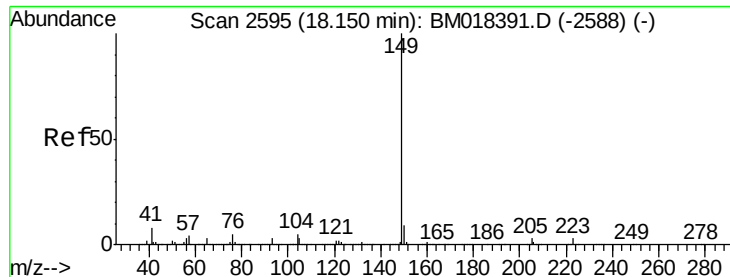
166 21.6 17.4 26.2

139 13.0 10.6 16.0



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: 33.251 ng

RT: 18.14 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

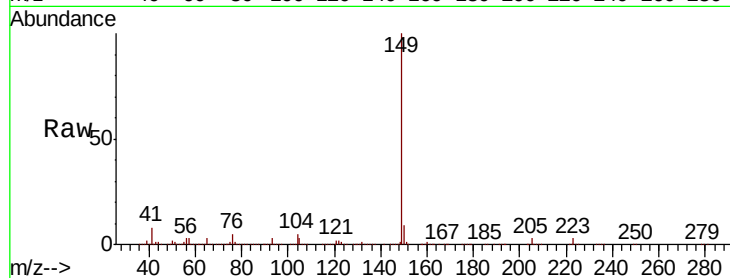
Tgt Ion:149 Resp: 4283287

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

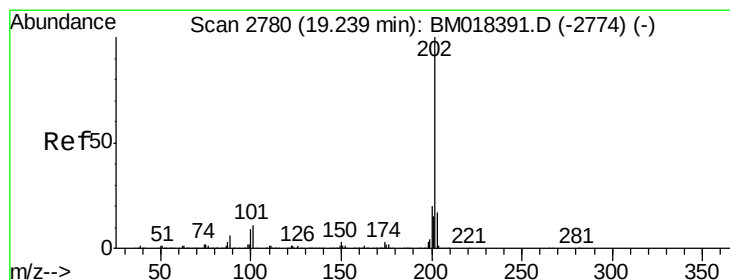
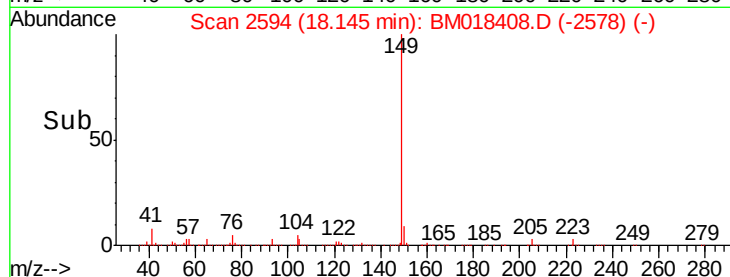
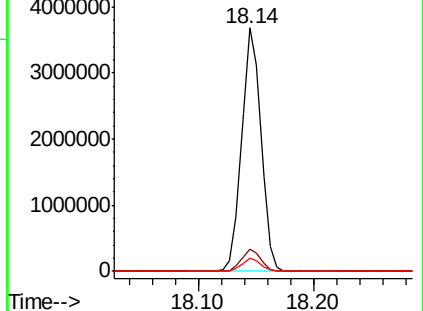
104 5.3 4.2 6.4



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: 33.584 ng

RT: 19.24 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

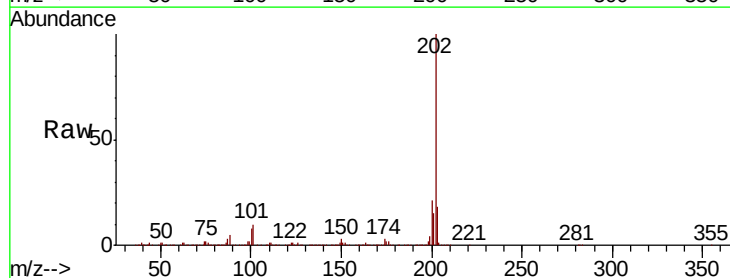
Tgt Ion:202 Resp: 4308775

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.9

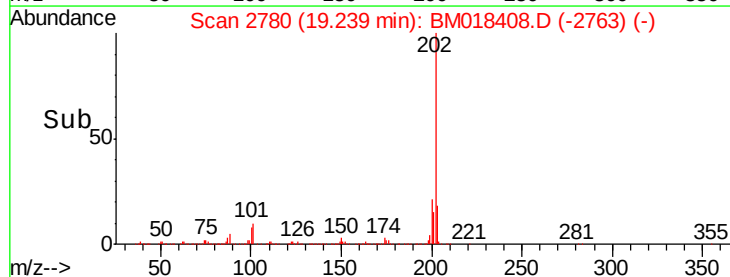
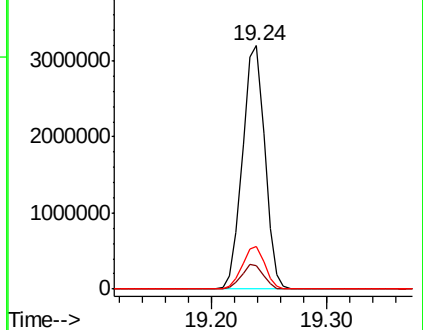
203 17.5 0.0 37.4

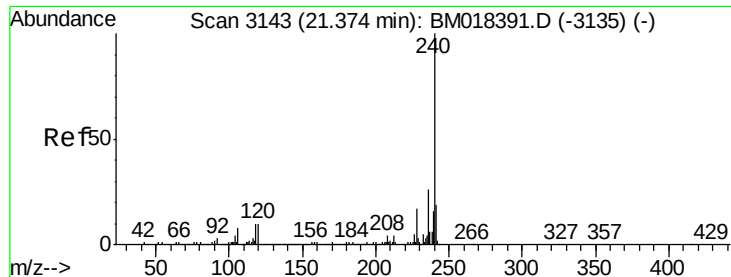


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

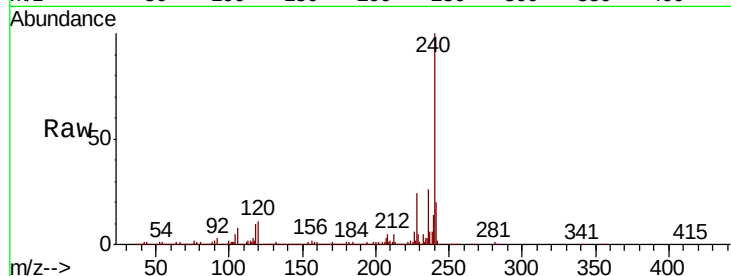




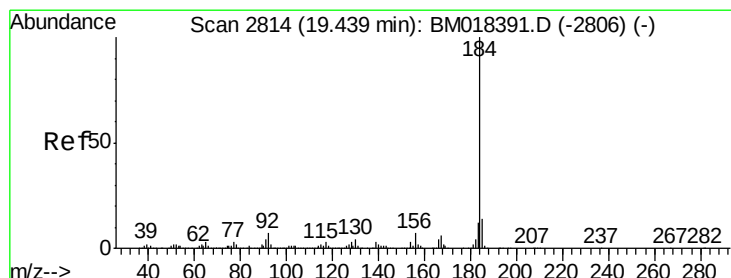
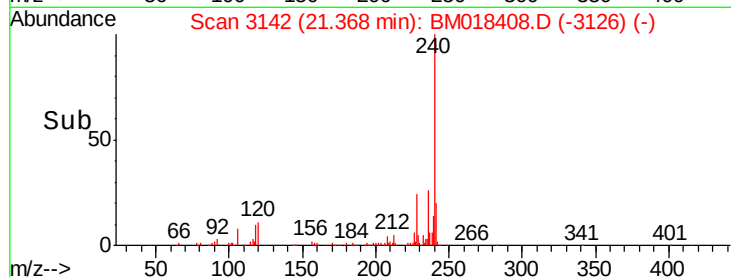
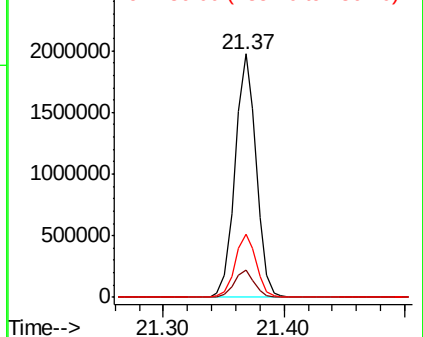
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tgt Ion:240 Resp: 2406015
Ion Ratio Lower Upper
240 100
120 11.1 8.4 12.6
236 25.9 20.7 31.1

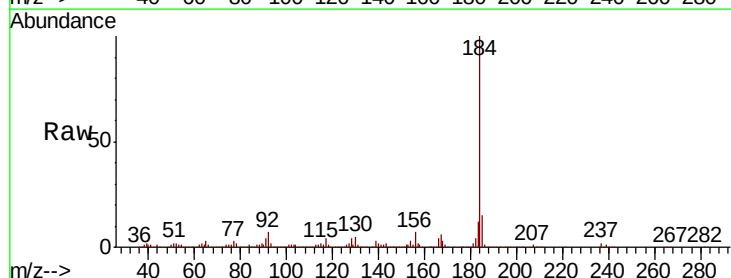


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

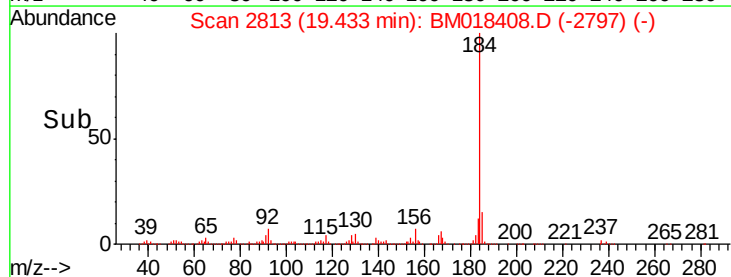
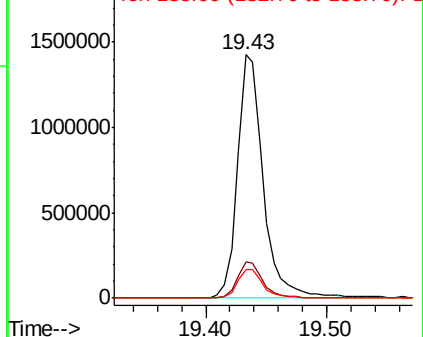


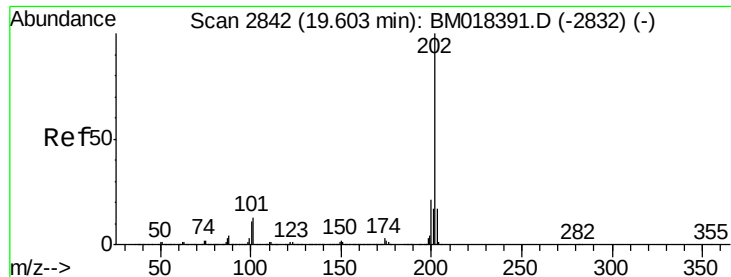
#77
Benzidine
Concen: 30.772 ng
RT: 19.43 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion:184 Resp: 2116291
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 11.6 9.5 14.3



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

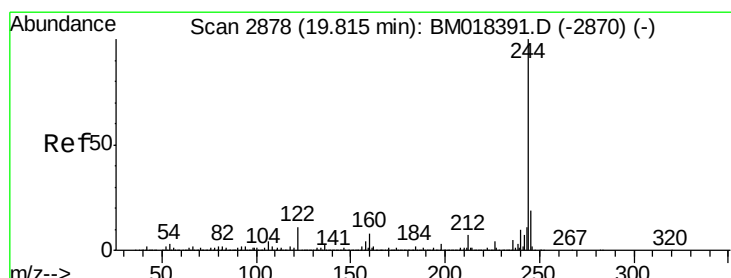
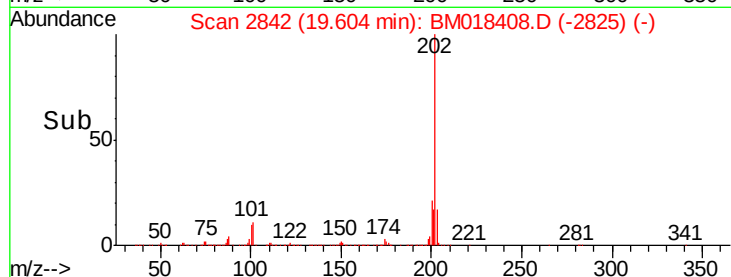
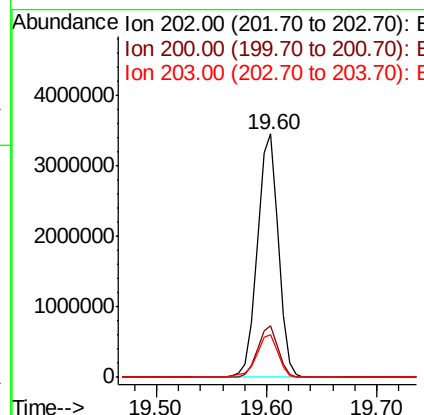
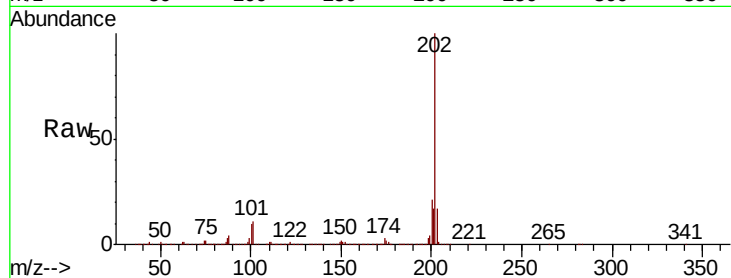




#78
 Pyrene
 Concen: 32.869 ng
 RT: 19.60 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

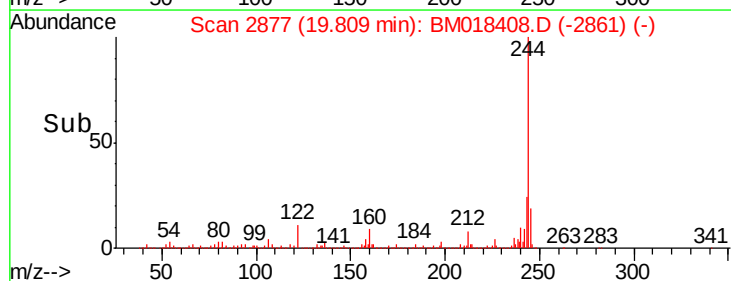
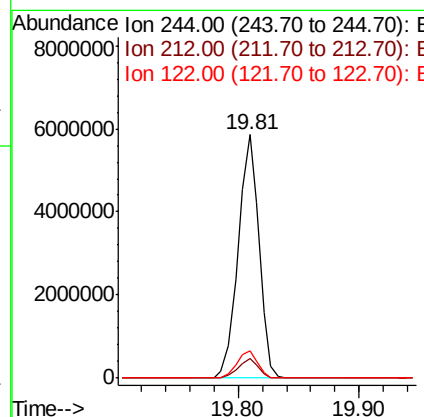
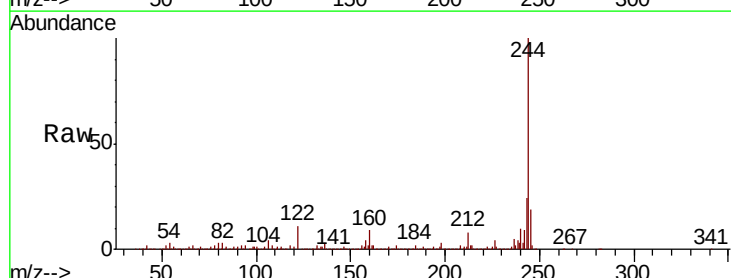
Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

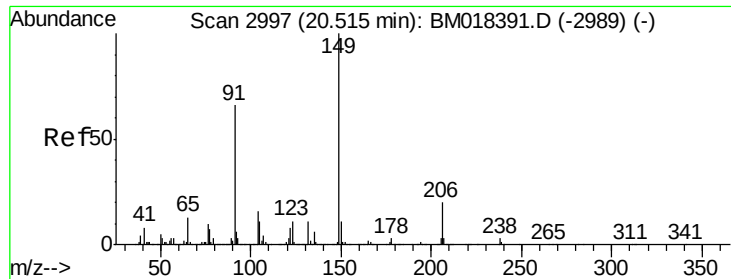
Tgt Ion:202 Resp: 4590369
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 24.8
 203 17.3 13.8 20.8



#79
 Terphenyl-d14
 Concen: 62.166 ng
 RT: 19.81 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion:244 Resp: 7019212
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 11.0 9.0 13.4

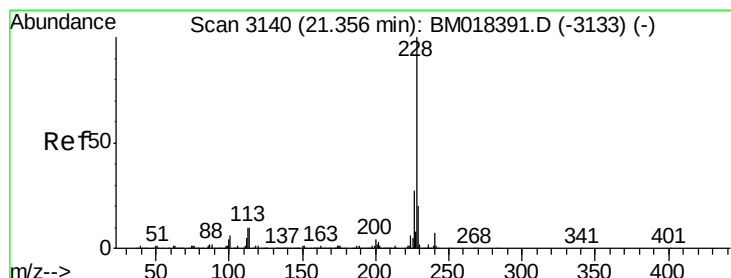
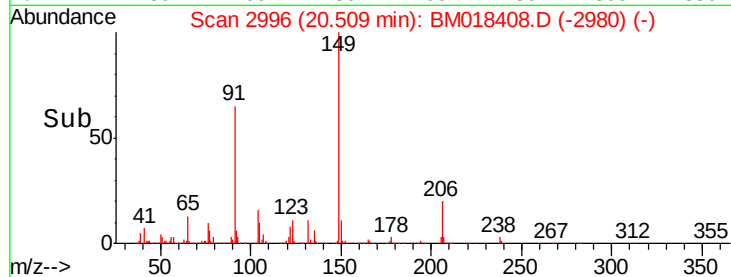
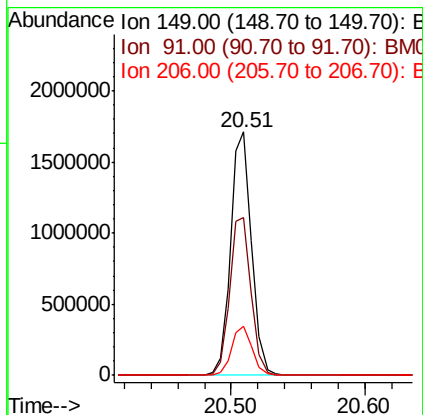
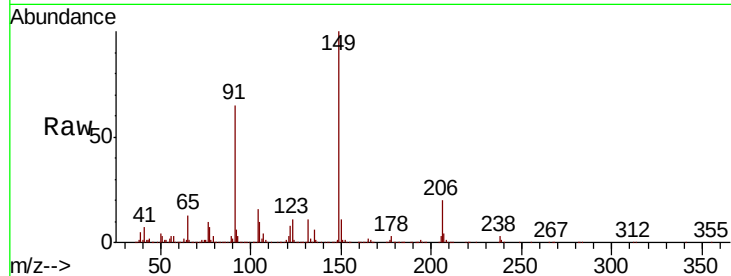




#80
Butylbenzylphthalate
Concen: 32.128 ng
RT: 20.51 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

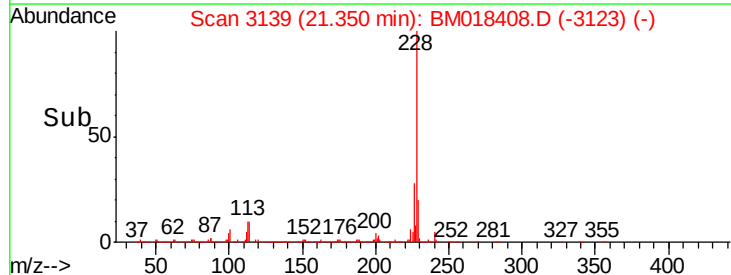
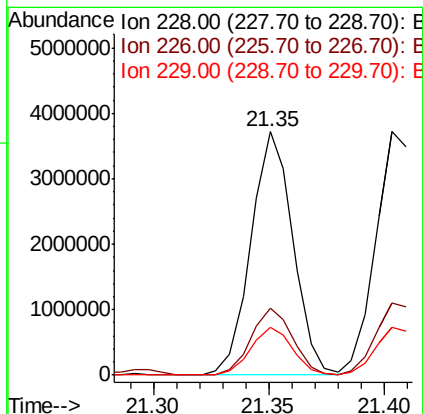
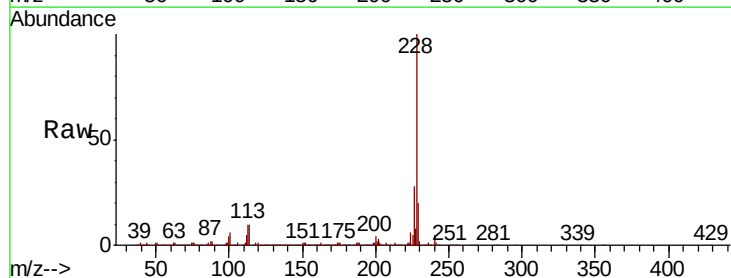
Instrument :
BNA_M
ClientSampleId :
PB116033BS

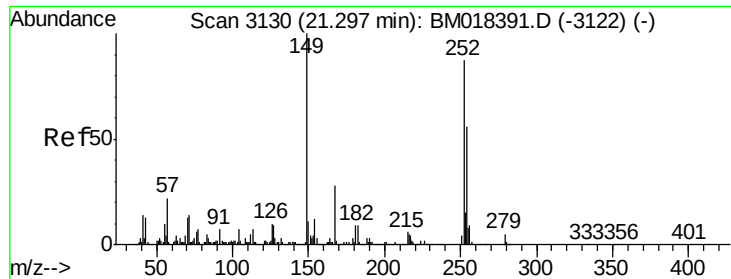
Tgt Ion:149 Resp: 1873484
Ion Ratio Lower Upper
149 100
91 65.1 53.1 79.7
206 20.0 16.2 24.4



#81
Benzo(a)anthracene
Concen: 33.432 ng
RT: 21.35 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion:228 Resp: 4724445
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.6
229 19.9 15.8 23.8

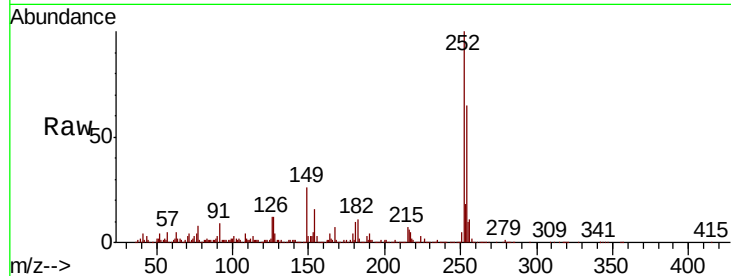




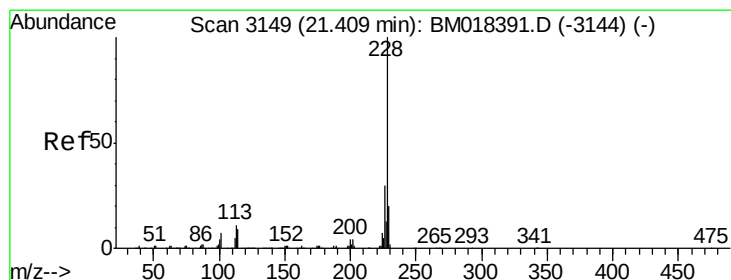
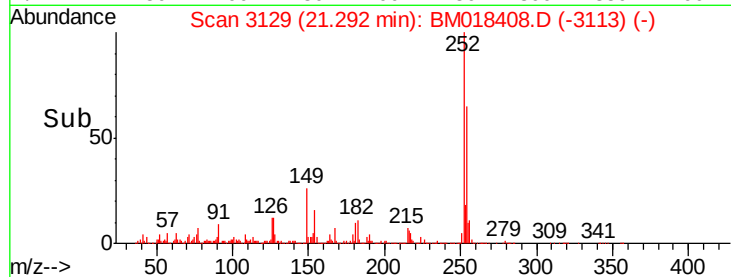
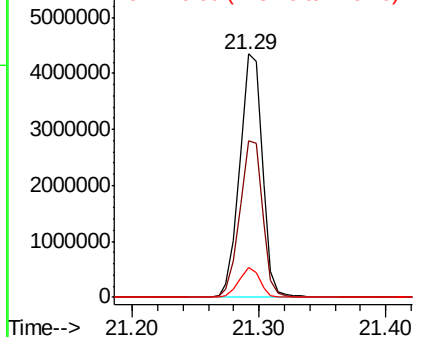
#82
 3,3'-Dichlorobenzidine
 Concen: 98.847 ng
 RT: 21.29 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Tgt Ion: 252 Resp: 5366587
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.4 77.0
 126 12.3 8.7 13.1

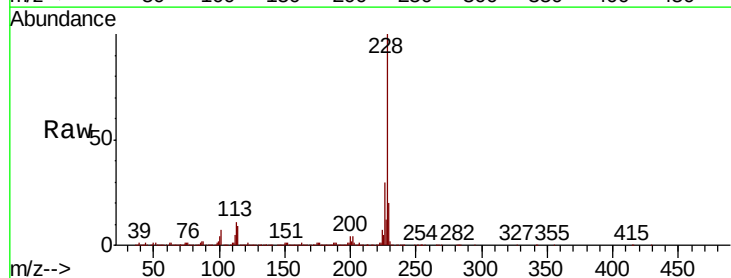


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

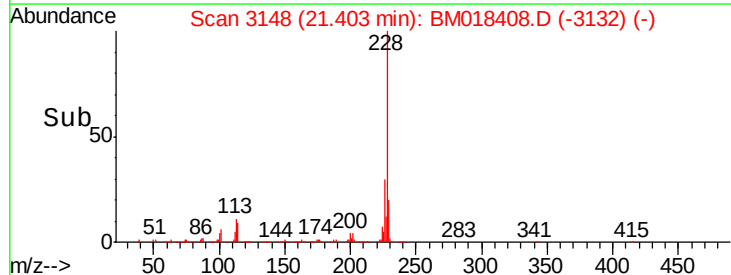
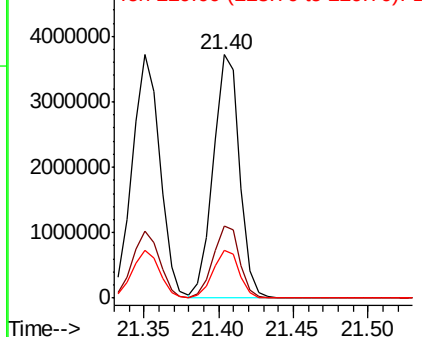


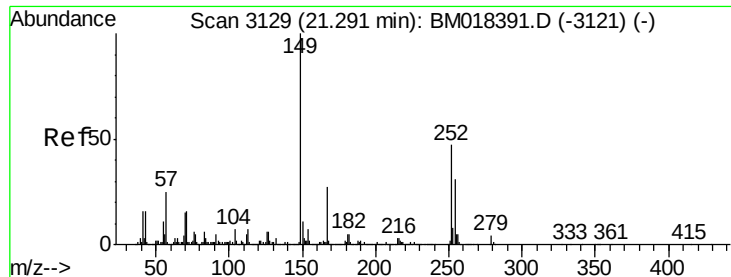
#83
 Chrysene
 Concen: 33.576 ng
 RT: 21.40 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion: 228 Resp: 4577638
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.2 36.2
 229 19.6 15.6 23.4



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: 32.125 ng

RT: 21.28 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

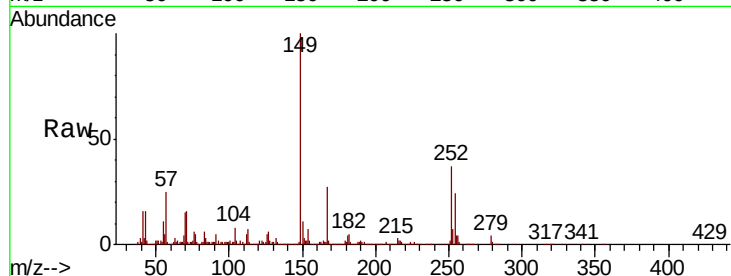
Tgt Ion:149 Resp: 3024475

Ion Ratio Lower Upper

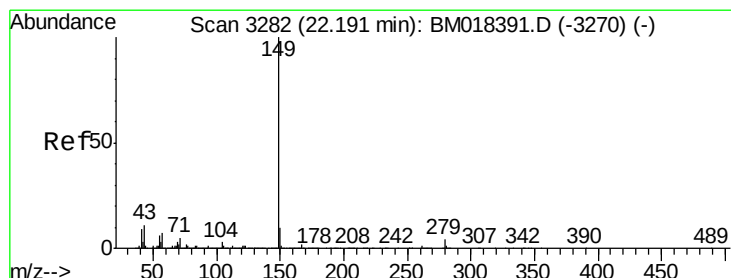
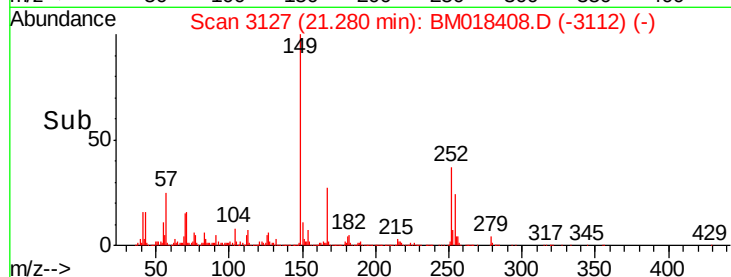
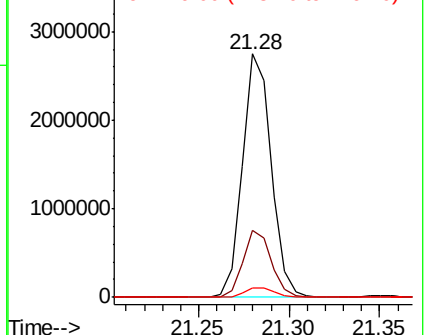
149 100

167 27.3 21.6 32.4

279 3.8 3.3 4.9



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: 32.980 ng

RT: 22.18 min Scan# 3280

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

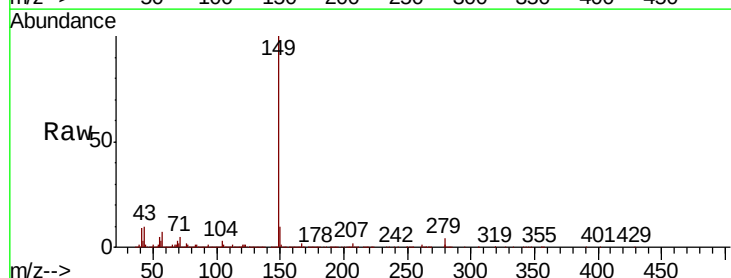
Tgt Ion:149 Resp: 5132334

Ion Ratio Lower Upper

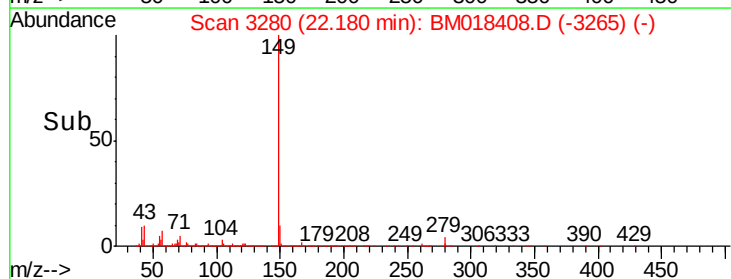
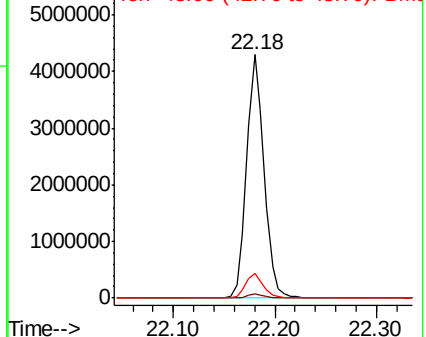
149 100

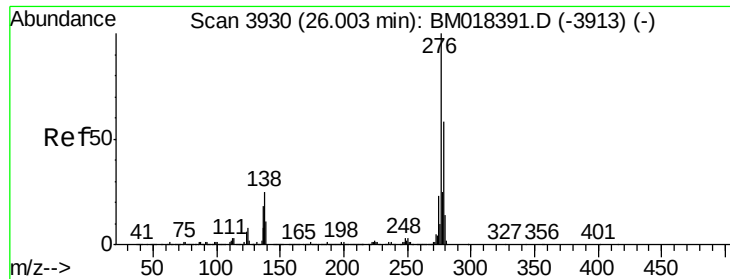
167 1.5 1.3 1.9

43 10.3 8.6 12.8



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: 34.587 ng

RT: 26.00 min Scan# 3929

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

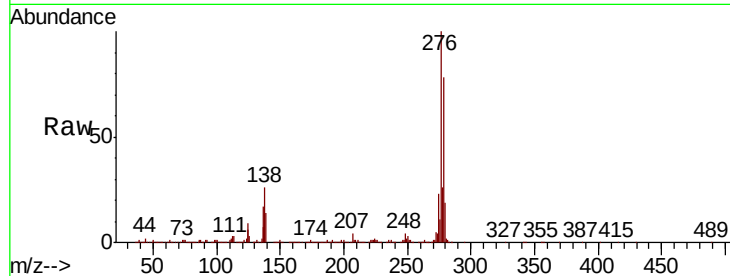
BNA_M

ClientSampleId :

PB116033BS

Tgt Ion:276 Resp: 5836916

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.5	32.3
277	25.3	20.2	30.2

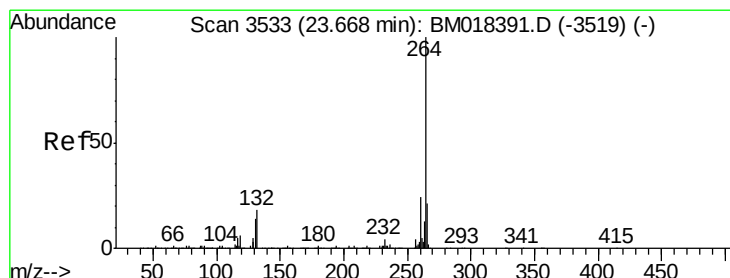
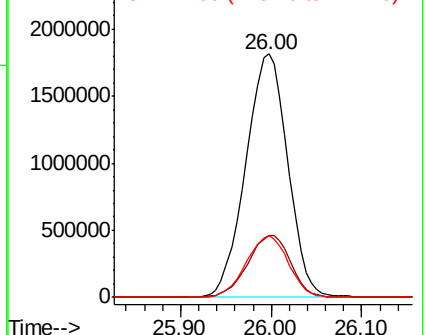
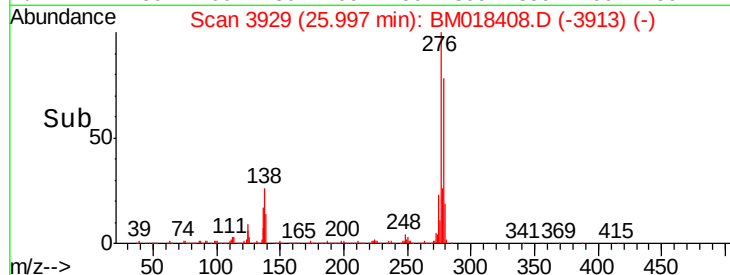


Abundance

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: 23.66 min Scan# 3531

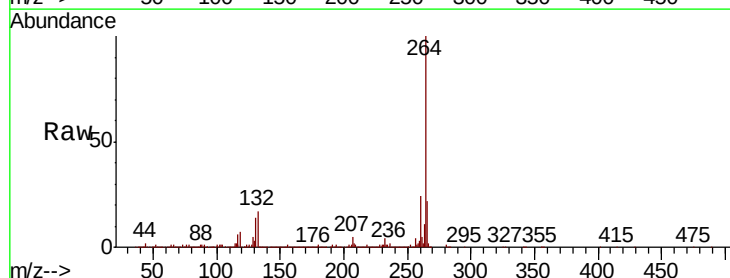
Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Tgt Ion:264 Resp: 2624173

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	16.8	25.2

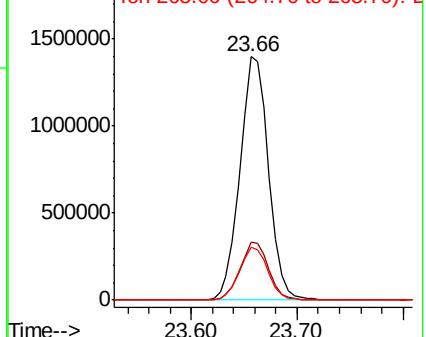
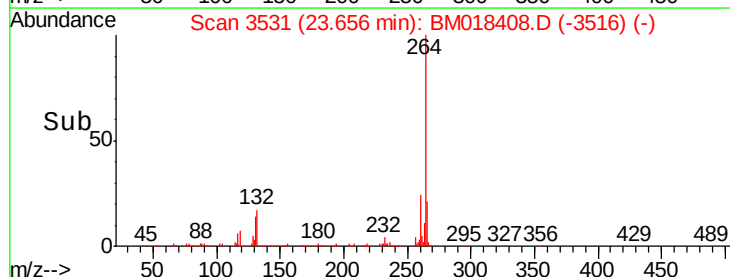


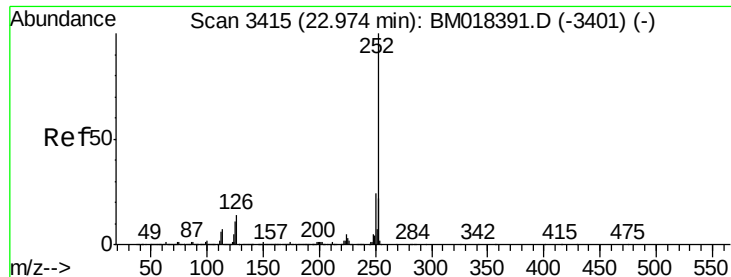
Abundance

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: 35.037 ng

RT: 22.97 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

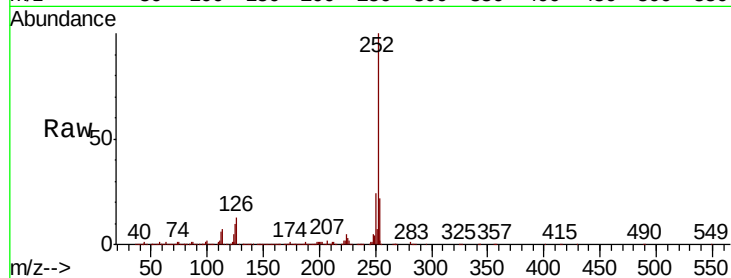
Tgt Ion:252 Resp: 5128278

Ion Ratio Lower Upper

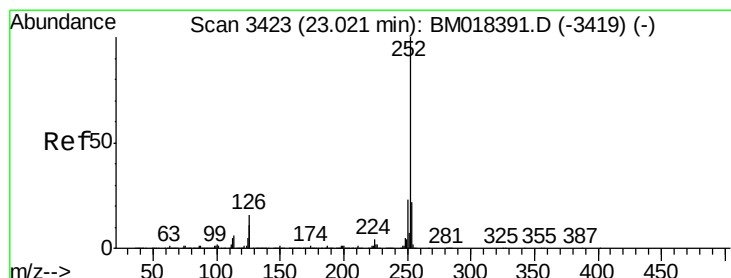
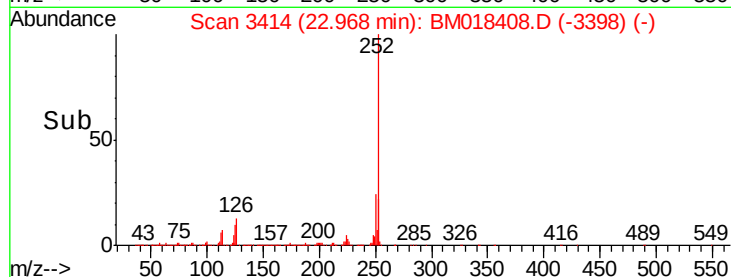
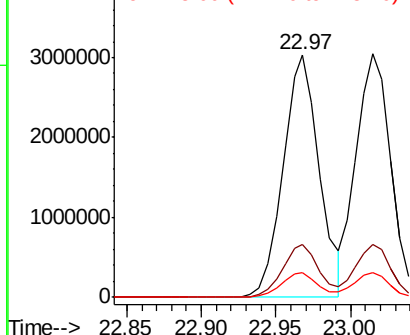
252 100

253 21.7 17.6 26.4

125 10.1 8.5 12.7



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: 33.253 ng

RT: 23.02 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

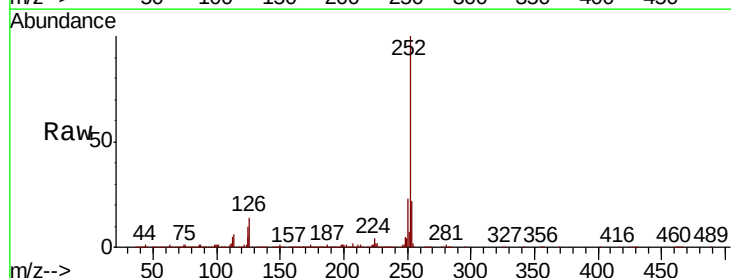
Tgt Ion:252 Resp: 4868028

Ion Ratio Lower Upper

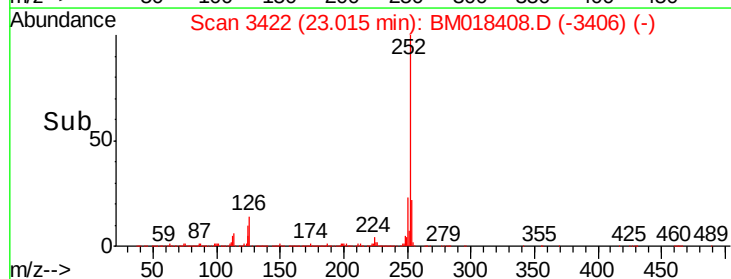
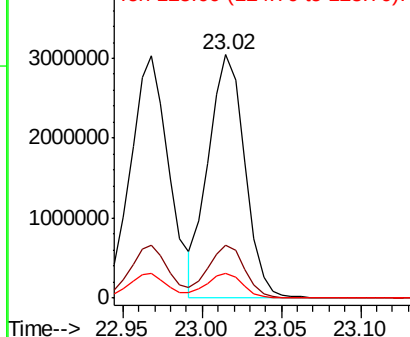
252 100

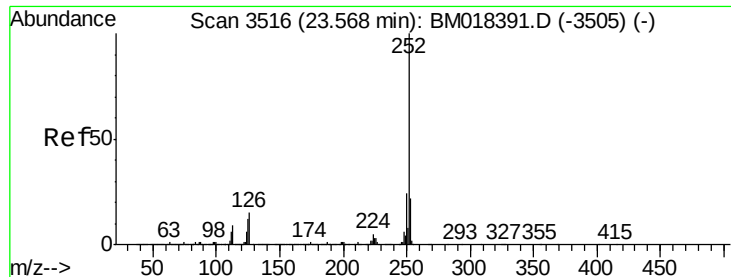
253 21.7 17.4 26.0

125 10.1 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





#90

Benzo(a)pyrene

Concen: 33.055 ng

RT: 23.56 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

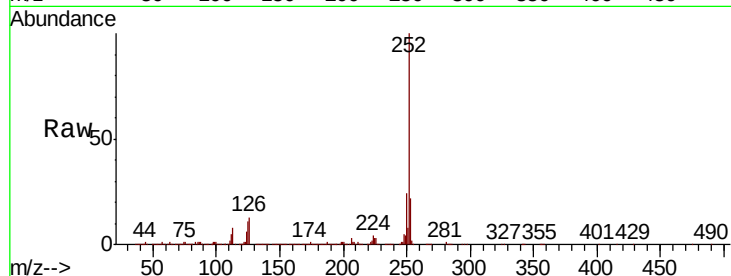
Tgt Ion:252 Resp: 4647722

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.7 9.7 14.5

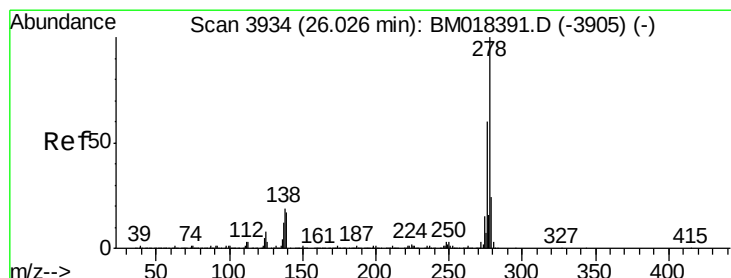
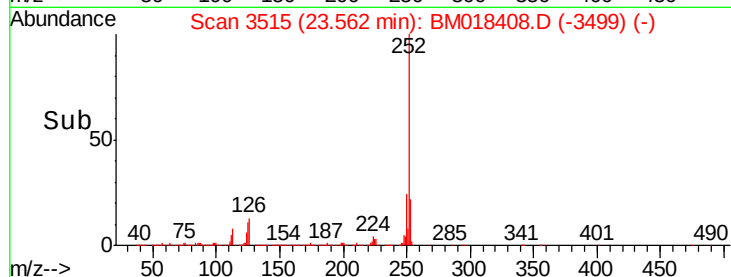
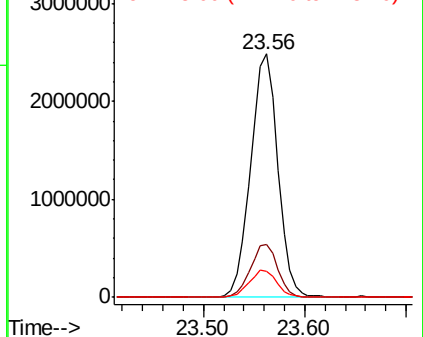


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 34.594 ng

RT: 26.01 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

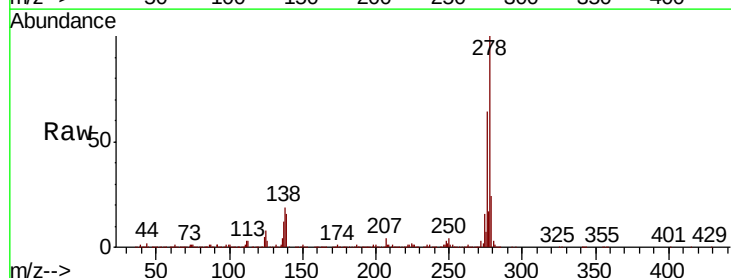
Tgt Ion:278 Resp: 5065415

Ion Ratio Lower Upper

278 100

139 16.4 13.2 19.8

279 23.9 19.0 28.4

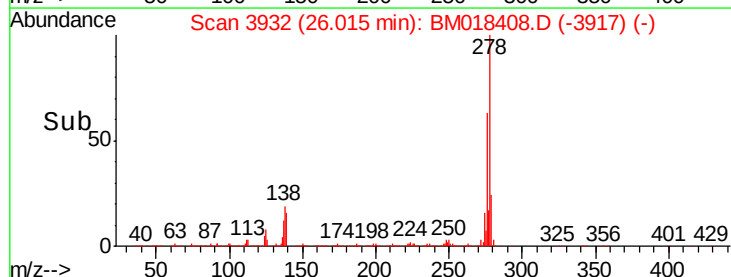
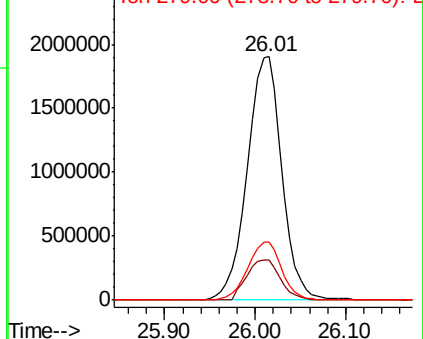


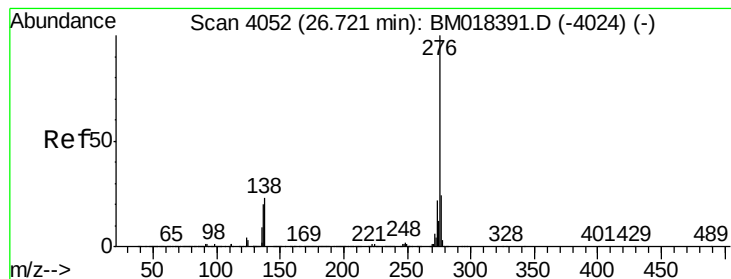
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 32.538 ng

RT: 26.71 min Scan# 4050

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

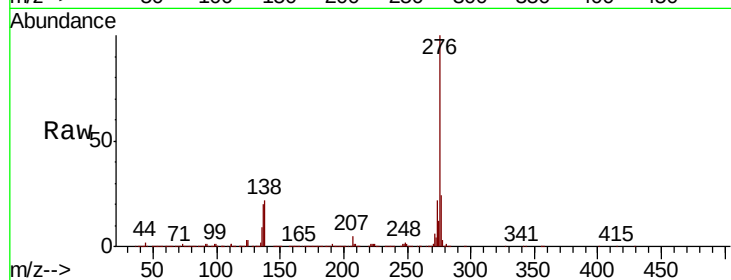
Tgt Ion:276 Resp: 4561939

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 22.3 18.1 27.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

