

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018403.D
 Acq On : 27 Dec 2018 19:17
 Operator : JU/SJ
 Sample : PB116034BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

Quant Time: Dec 28 04:05:23 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	388479	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1801452	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1070558	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2463193	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2646843	20.00	ng	0.00
87) Perylene-d12	23.67	264	2665675	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	466885	22.66	ng	0.00
7) Phenol-d6	6.93	99	468267	16.37	ng	0.00
23) Nitrobenzene-d5	8.95	82	1173949	37.40	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	899489	66.13	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	3601120	45.56	ng	0.00
79) Terphenyl-d14	19.81	244	8005702	64.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	850	0.101	ng	# 1
3) Pyridine	3.69	79	336447	14.536	ng	99
4) n-Nitrosodimethylamine	3.62	42	113357	12.011	ng	# 87
6) Aniline	7.12	93	7753	0.217	ng	92
8) 2-Chlorophenol	7.35	128	420538	16.924	ng	95
9) Benzaldehyde	6.93	77	2875	0.143	ng	# 59
10) Phenol	6.96	94	235087	7.987	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	361002	15.734	ng	95
12) 1,3-Dichlorobenzene	7.67	146	411884	14.111	ng	97
13) 1,4-Dichlorobenzene	7.82	146	431798	14.561	ng	99
14) 1,2-Dichlorobenzene	8.13	146	434249	14.924	ng	99
15) Benzyl Alcohol	8.03	79	1776	0.080	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.30	45	423535	11.592	ng	98
17) 2-Methylphenol	8.22	107	360768	17.301	ng	100
18) Hexachloroethane	8.86	117	135598	12.811	ng	99
19) n-Nitroso-di-n-propylamine	8.59	70	396802	18.205	ng	100
20) 3+4-Methylphenols	8.54	107	537045	19.197	ng	92
22) Acetophenone	8.60	105	1511	0.033	ng	# 1
24) Nitrobenzene	8.99	77	535059	17.226	ng	99
25) Isophorone	9.50	82	1065762	19.575	ng	100
26) 2-Nitrophenol	9.69	139	210800	21.074	ng	98
27) 2,4-Dimethylphenol	9.75	122	495494	21.972	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	535124	15.660	ng	98
29) 2,4-Dichlorophenol	10.22	162	531445	21.308	ng	96
30) 1,2,4-Trichlorobenzene	10.43	180	472610	15.468	ng	98
31) Naphthalene	10.63	128	1535040	17.679	ng	98
32) Benzoic acid	9.83	122	84764	11.090	ng	98
33) 4-Chloroaniline	10.75	127	10675	0.268	ng	# 47
34) Hexachlorobutadiene	10.90	225	247659	13.349	ng	98
35) Caprolactam	11.53	113	1052	0.114	ng	# 1
36) 4-Chloro-3-methylphenol	11.85	107	768977	27.199	ng	100
37) 2-Methylnaphthalene	12.24	142	1201	0.019	ng	# 16
38) 1-Methylnaphthalene	12.46	142	3383	0.055	ng	# 56
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	620246	18.506	ng	99

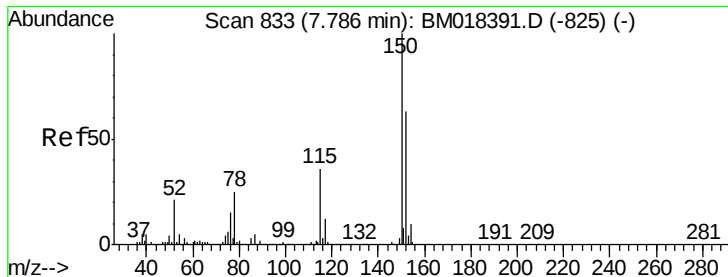
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	257266	15.831	ng	99
43) 2,4,6-Trichlorophenol	12.84	196	533926	28.046	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	669414	32.177	ng	98
46) 1,1'-Biphenyl	13.26	154	9415	0.103	ng	88
47) 2-Chloronaphthalene	13.30	162	1422382	20.300	ng	100
48) 2-Nitroaniline	13.47	65	59	0.003	ng	# 3
49) Acenaphthylene	14.15	152	2599520	24.098	ng	99
50) Dimethylphthalate	13.89	163	2473530	27.655	ng	100
51) 2,6-Dinitrotoluene	14.02	165	499492	26.609	ng	94
52) Acenaphthene	14.49	154	1578588	24.249	ng	98
54) 2,4-Dinitrophenol	14.54	184	172099	37.270	ng	91
55) Dibenzofuran	14.83	168	8141	0.076	ng	# 93
56) 4-Nitrophenol	14.63	139	208544	16.438	ng	97
57) 2,4-Dinitrotoluene	14.80	165	787668	31.013	ng	99
58) Fluorene	15.48	166	2309949	27.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	575032	29.930	ng	100
60) Diethylphthalate	15.26	149	2759523	29.498	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	1116887	24.502	ng	99
62) 4-Nitroaniline	15.47	138	30651	1.379	ng	# 32
63) Azobenzene	15.77	77	2196992	25.767	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	305459	33.730	ng	91
66) n-Nitrosodiphenylamine	15.69	169	1754706	22.857	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	730320	27.227	ng	96
68) Hexachlorobenzene	16.47	284	868093	28.570	ng	98
70) Pentachlorophenol	16.82	266	525191	29.642	ng	99
71) Phenanthrene	17.22	178	4113440	31.547	ng	100
72) Anthracene	17.31	178	4096507	31.537	ng	100
73) Carbazole	17.59	167	4222624	30.954	ng	99
74) Di-n-butylphthalate	18.15	149	5225473	33.703	ng	99
75) Fluoranthene	19.24	202	5075162	32.866	ng	99
77) Benzidine	19.43	184	754769	9.976	ng	98
78) Pyrene	19.60	202	5337507	34.741	ng	99
80) Butylbenzylphthalate	20.51	149	2362267	35.854	ng	98
81) Benzo(a)anthracene	21.36	228	5134867	33.030	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	4230938	70.839	ng	99
83) Chrysene	21.41	228	4974483	33.167	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	3335660	32.207	ng	100
85) Di-n-octyl phthalate	22.19	149	5552842	32.436	ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	5345929	28.795	ng	99
88) Benzo(b)fluoranthene	22.97	252	5303685	35.671	ng	99
89) Benzo(k)fluoranthene	23.02	252	5003725	33.648	ng	100
90) Benzo(a)pyrene	23.57	252	4542059	31.801	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	4634896	31.161	ng	99
92) Benzo(g,h,i)perylene	26.71	276	4049080	28.431	ng	100

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

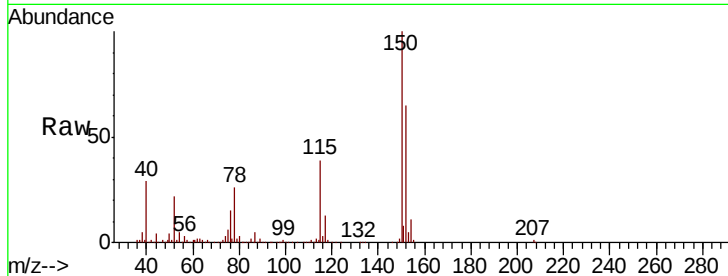


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Instrument :
BNA_M
ClientSampleId :
PB116034BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.9	190.3
115	59.3	45.5	68.3

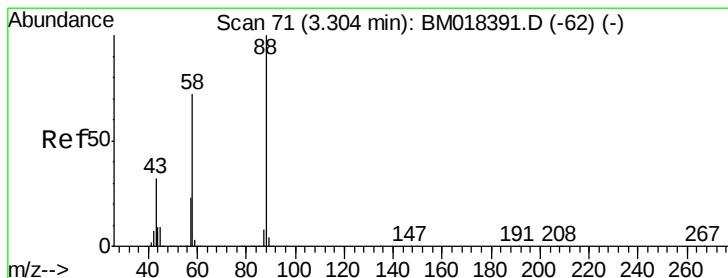
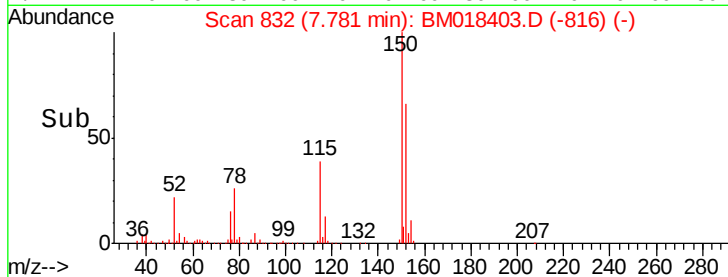
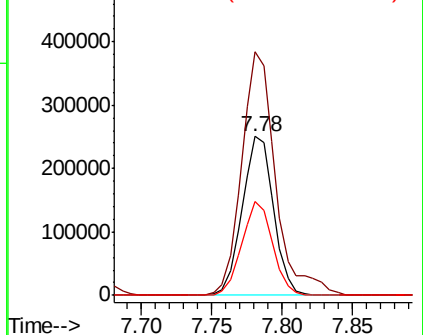


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

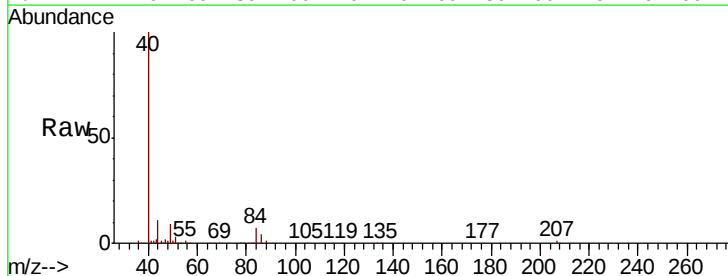
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.101 ng
RT: 3.29 min Scan# 68
Delta R.T. -0.02 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	43.3	58.4	87.6#
43	177.9	26.2	39.4#

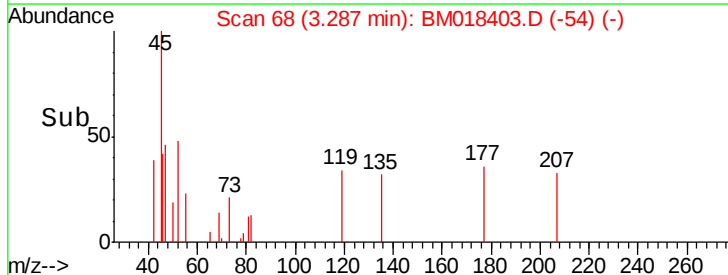
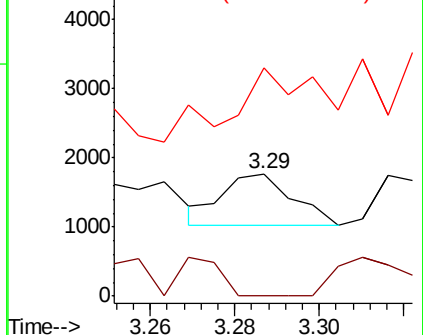


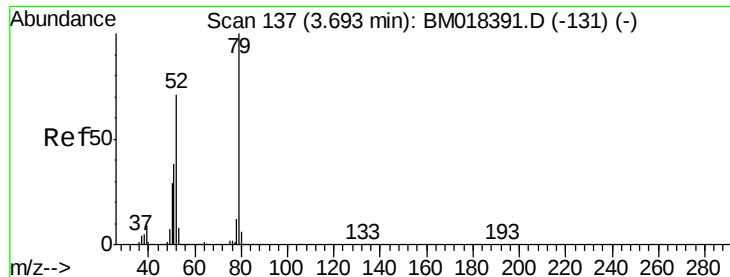
Abundance

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: 14.536 ng

RT: 3.69 min Scan# 137

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

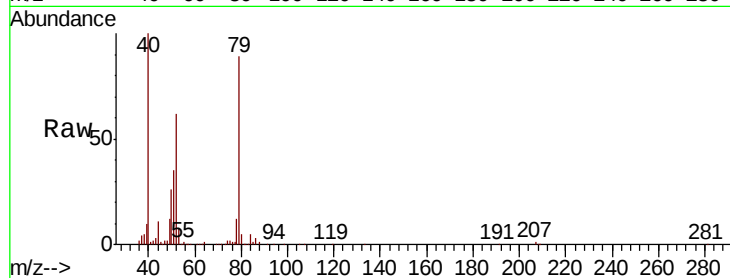
Tgt Ion: 79 Resp: 336447

Ion Ratio Lower Upper

79 100

52 70.4 56.4 84.6

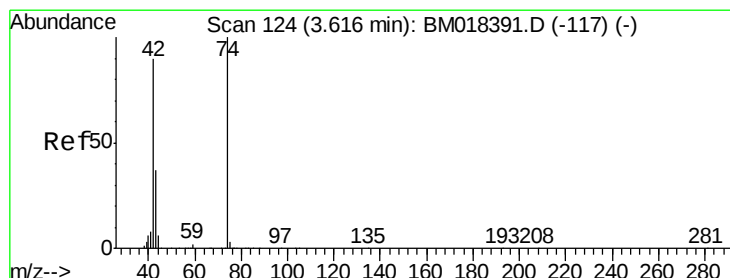
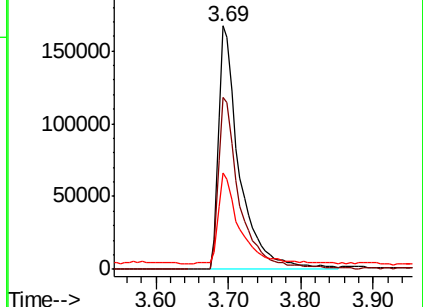
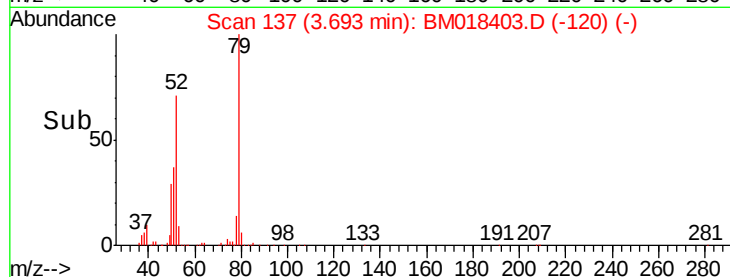
51 39.5 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018403.D (-120) (-)

Ion 52.00 (51.70 to 52.70): BM018403.D (-120) (-)

Ion 51.00 (50.70 to 51.70): BM018403.D (-120) (-)



#4

n-Nitrosodimethylamine

Concen: 12.011 ng

RT: 3.62 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

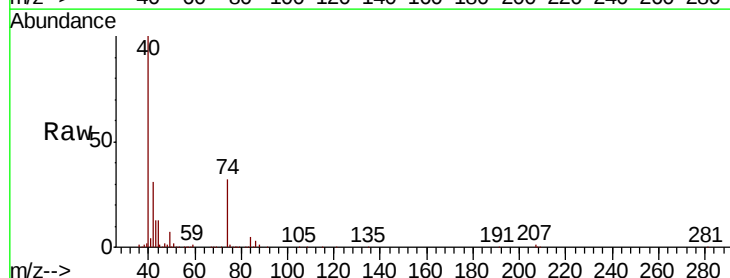
Tgt Ion: 42 Resp: 113357

Ion Ratio Lower Upper

42 100

74 103.1 88.6 132.8

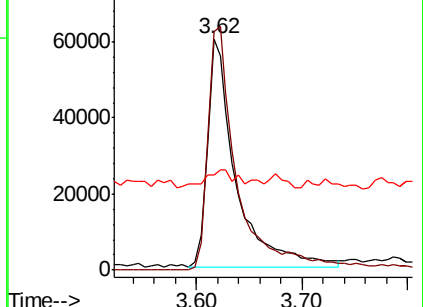
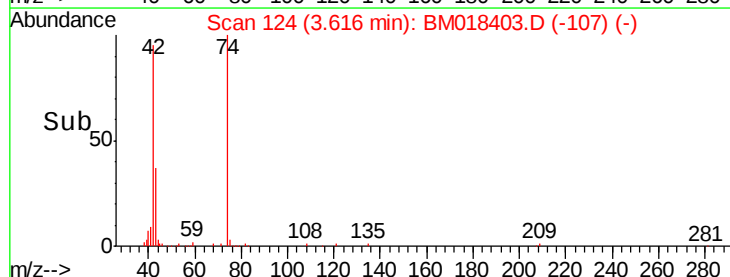
44 41.0 16.9 25.3#

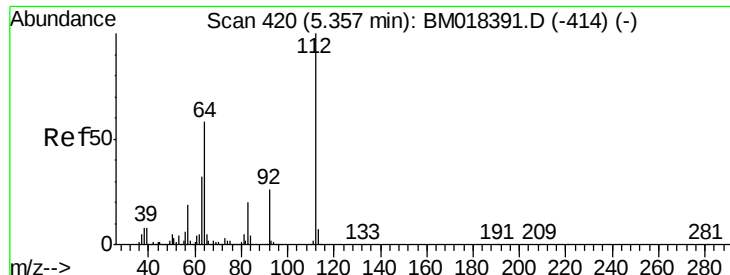


Abundance Ion 42.00 (41.70 to 42.70): BM018403.D (-107) (-)

Ion 74.00 (73.70 to 74.70): BM018403.D (-107) (-)

Ion 44.00 (43.70 to 44.70): BM018403.D (-107) (-)





#5

2-Fluorophenol

Concen: 22.659 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

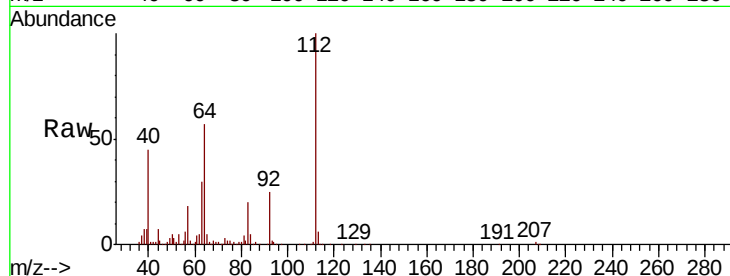
Tgt Ion: 112 Resp: 466885

Ion Ratio Lower Upper

112 100

64 56.5 46.5 69.7

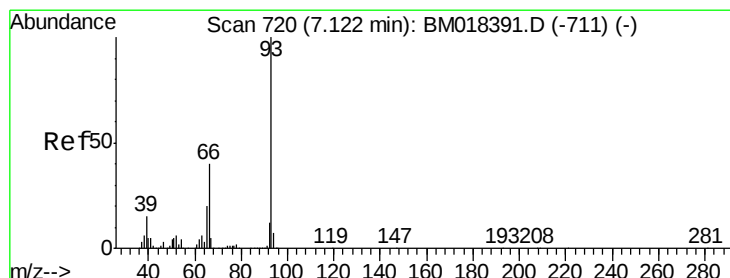
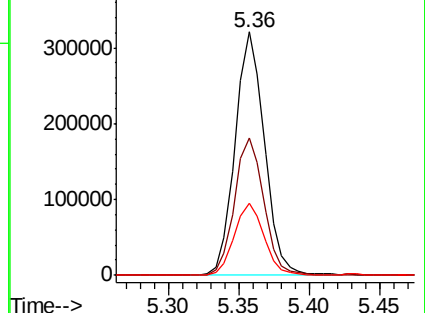
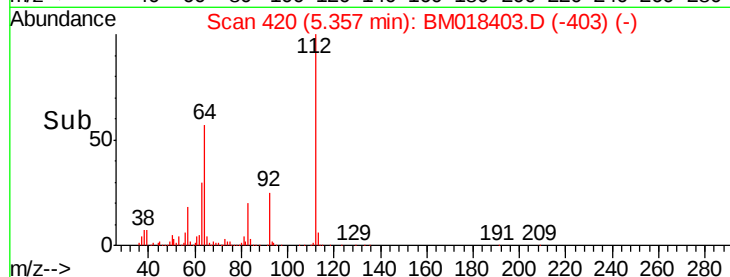
63 29.6 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 0.217 ng

RT: 7.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

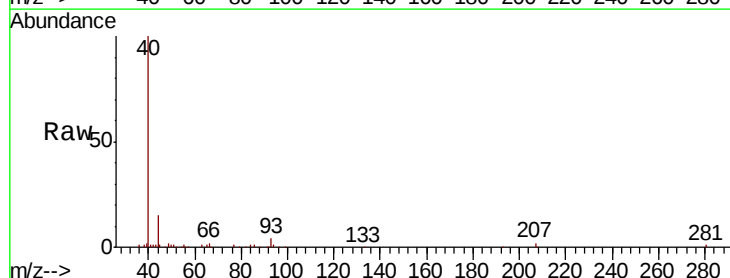
Tgt Ion: 93 Resp: 7753

Ion Ratio Lower Upper

93 100

66 45.1 31.7 47.5

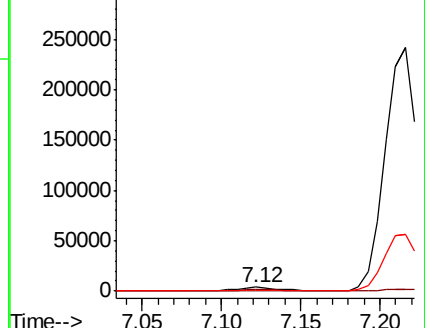
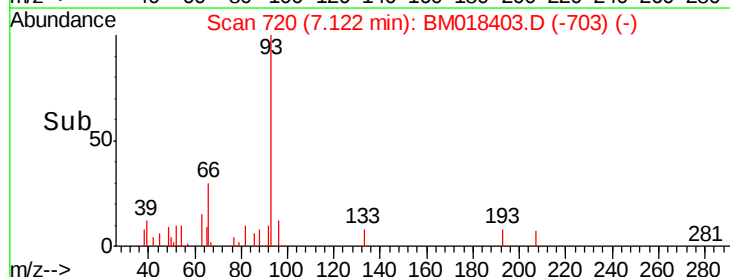
65 22.4 15.9 23.9

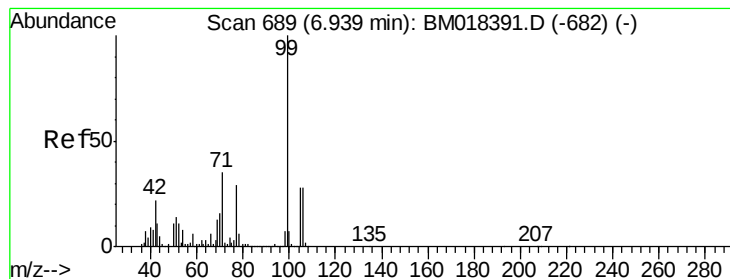


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 16.366 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

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PB116034BS

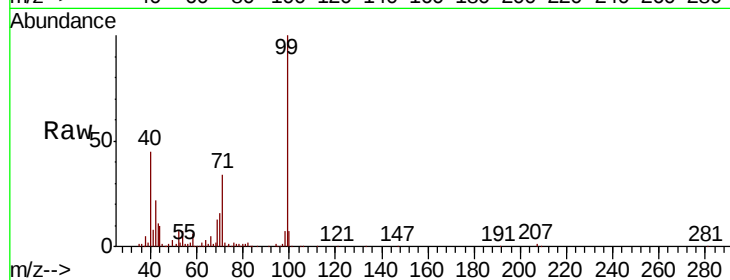
Tgt Ion: 99 Resp: 468267

Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

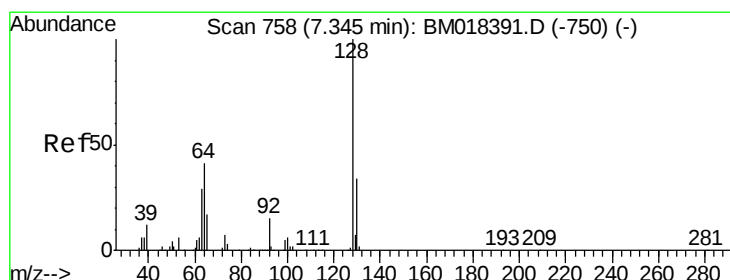
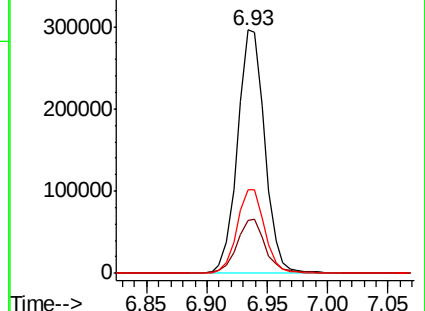
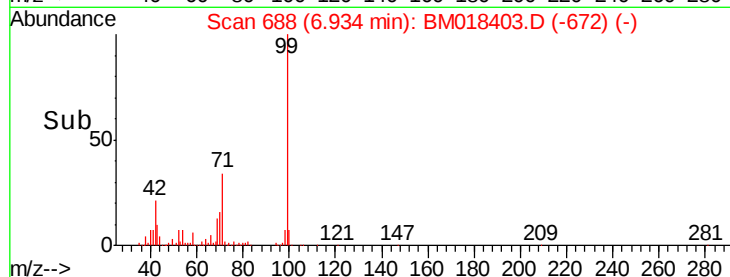
71 34.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018403.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM018403.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM018403.D (-672) (-)



#8

2-Chlorophenol

Concen: 16.924 ng

RT: 7.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

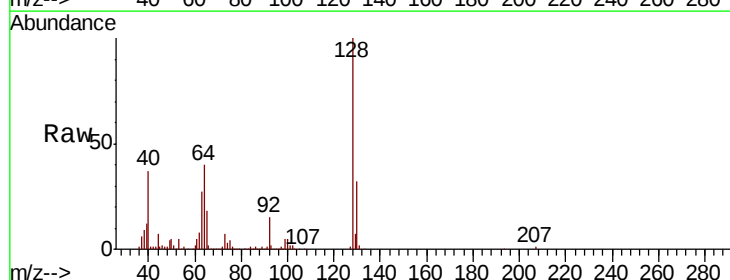
Tgt Ion: 128 Resp: 420538

Ion Ratio Lower Upper

128 100

130 32.5 13.6 53.6

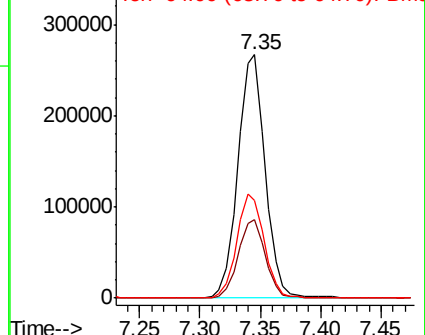
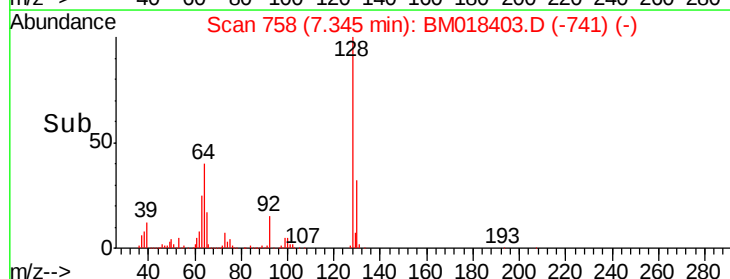
64 40.0 24.8 64.8

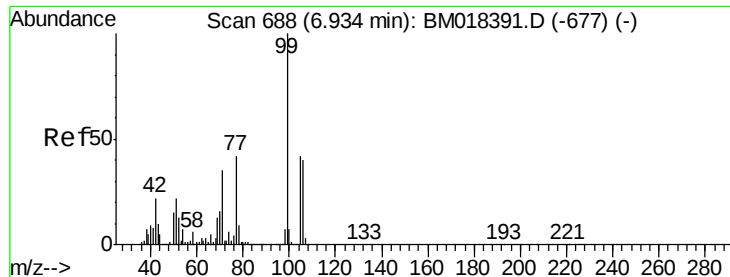


Abundance Ion 128.00 (127.70 to 128.70): BM018403.D (-741) (-)

Ion 130.00 (129.70 to 130.70): BM018403.D (-741) (-)

Ion 64.00 (63.70 to 64.70): BM018403.D (-741) (-)





#9

Benzaldehyde

Concen: 0.143 ng

RT: 6.93 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

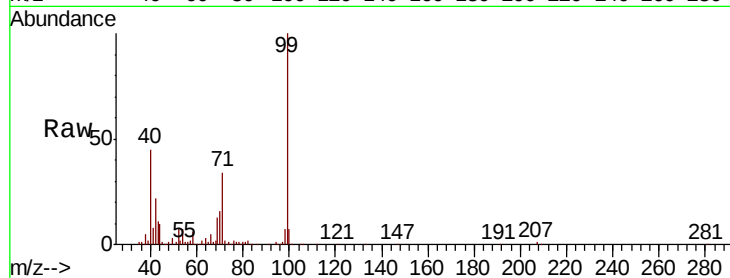
Tgt Ion: 77 Resp: 2875

Ion Ratio Lower Upper

77 100

105 67.8 79.7 119.7#

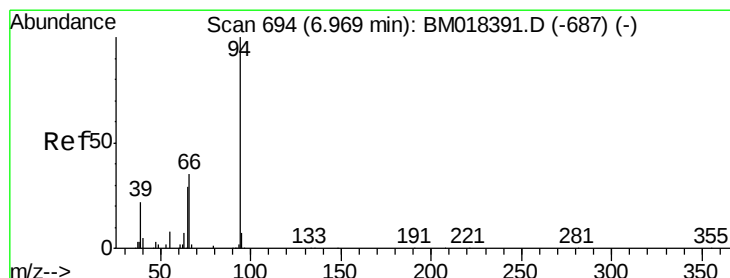
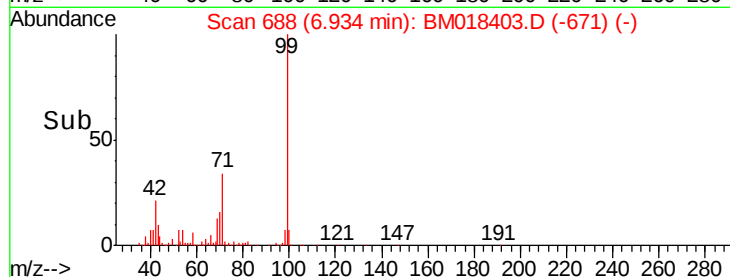
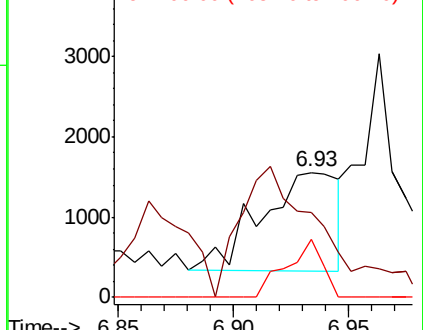
106 46.0 75.2 115.2#



Abundance Ion 77.00 (76.70 to 77.70): BM018403.D (-677) (-)

Ion 105.00 (104.70 to 105.70): BM018403.D (-677) (-)

Ion 106.00 (105.70 to 106.70): BM018403.D (-677) (-)



#10

Phenol

Concen: 7.987 ng

RT: 6.96 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

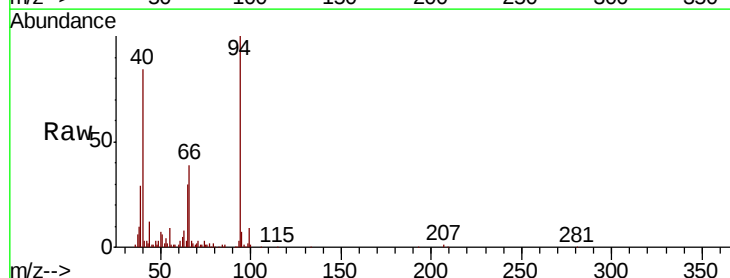
Tgt Ion: 94 Resp: 235087

Ion Ratio Lower Upper

94 100

65 30.3 9.4 49.4

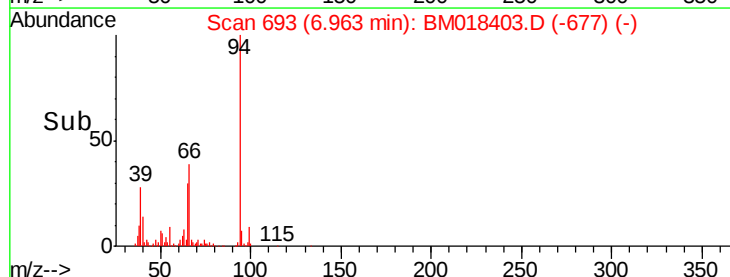
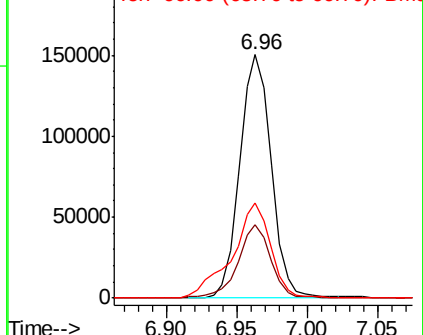
66 39.0 19.1 59.1

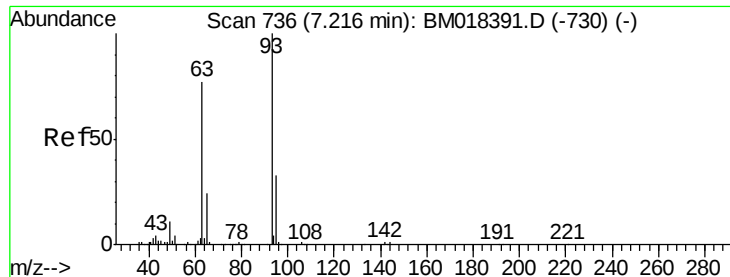


Abundance Ion 94.00 (93.70 to 94.70): BM018403.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM018403.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM018403.D (-677) (-)

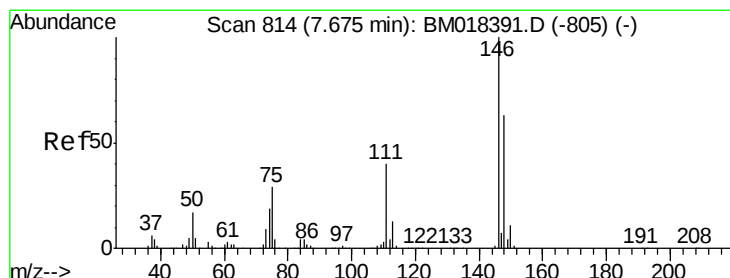
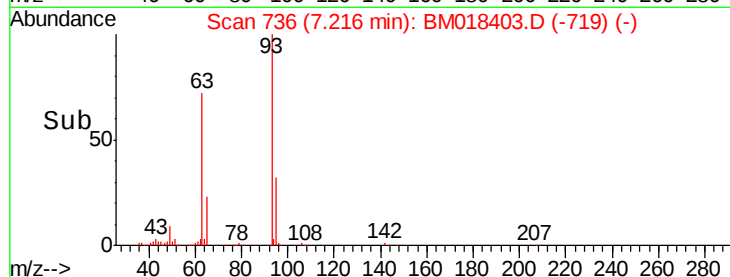
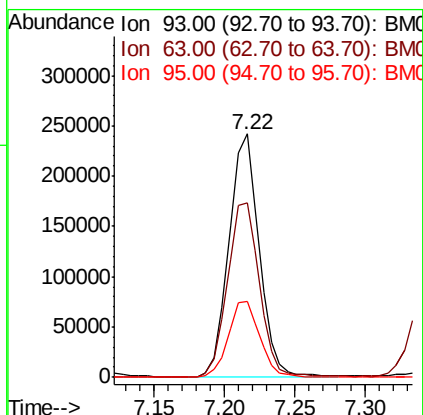
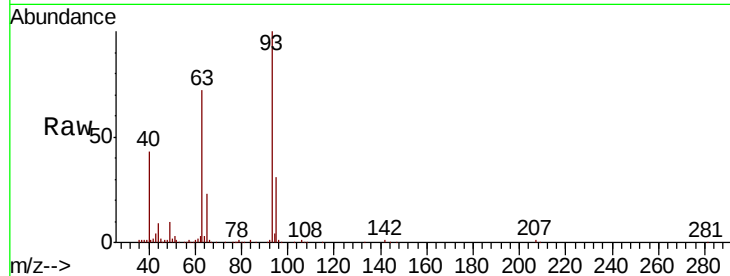




#11
bis(2-Chloroethyl)ether
Concen: 15.734 ng
RT: 7.22 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

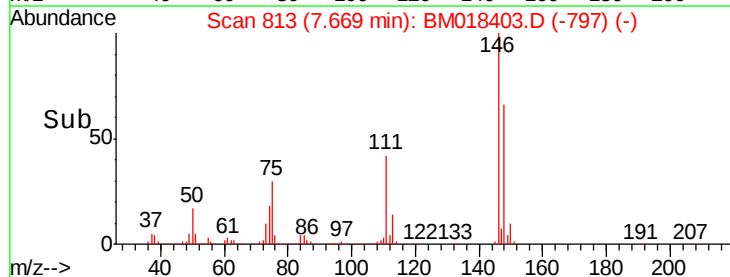
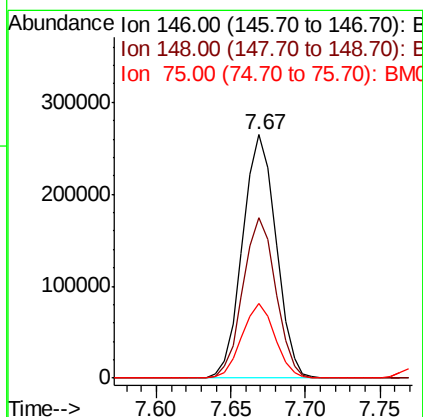
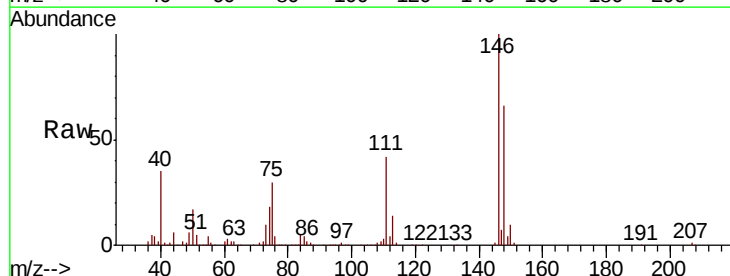
Instrument :
BNA_M
ClientSampleId :
PB116034BS

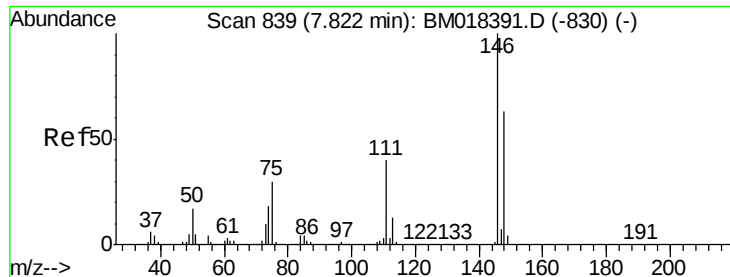
Tgt Ion: 93 Resp: 361002
Ion Ratio Lower Upper
93 100
63 71.6 56.4 96.4
95 31.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 14.111 ng
RT: 7.67 min Scan# 813
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion: 146 Resp: 411884
Ion Ratio Lower Upper
146 100
148 65.8 50.5 75.7
75 30.5 23.0 34.6

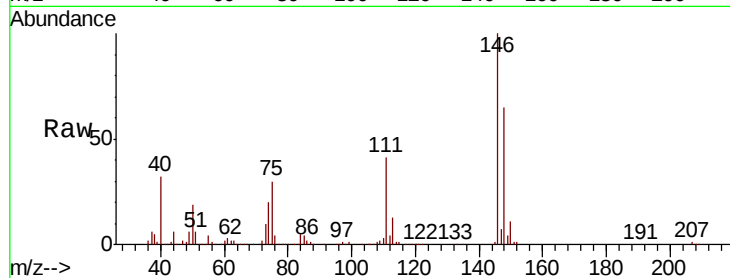




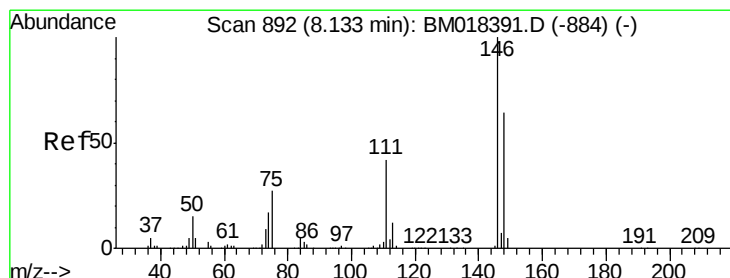
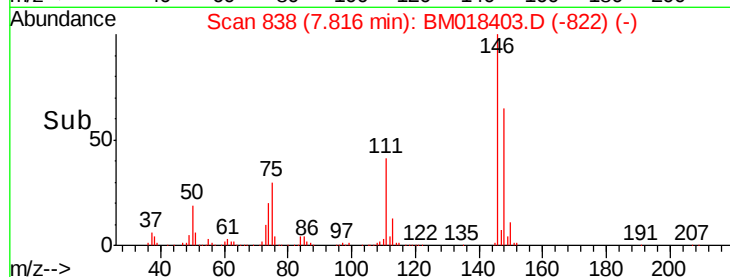
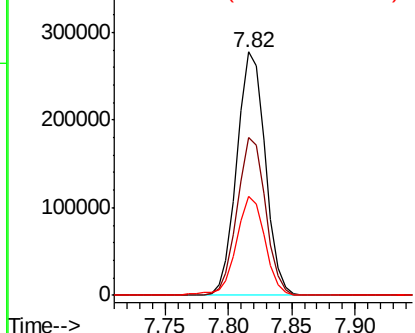
#13
 1,4-Dichlorobenzene
 Concen: 14.561 ng
 RT: 7.82 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

Tgt Ion:146 Resp: 431798
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 40.7 32.2 48.2

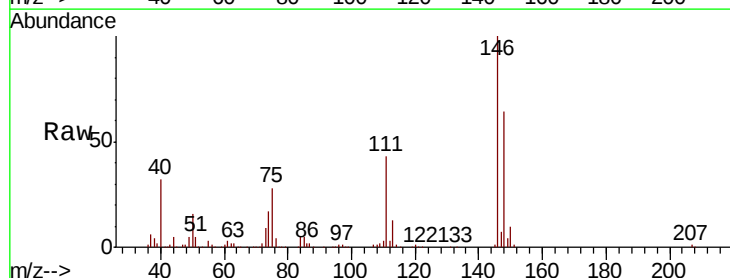


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

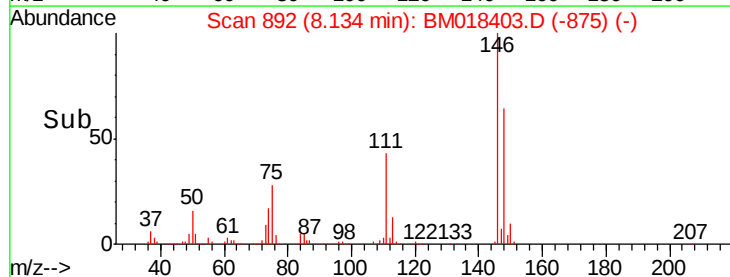
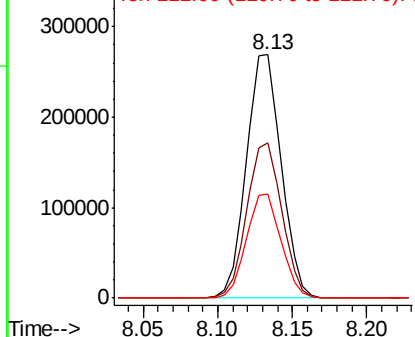


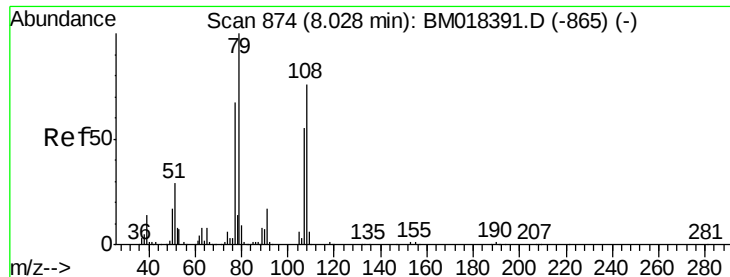
#14
 1,2-Dichlorobenzene
 Concen: 14.924 ng
 RT: 8.13 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Tgt Ion:146 Resp: 434249
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 42.9 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.080 ng

RT: 8.03 min Scan# 875

Delta R.T. 0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

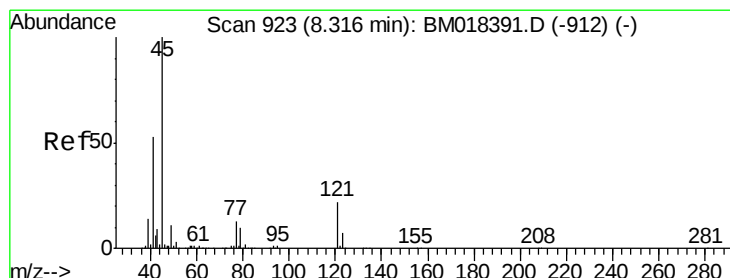
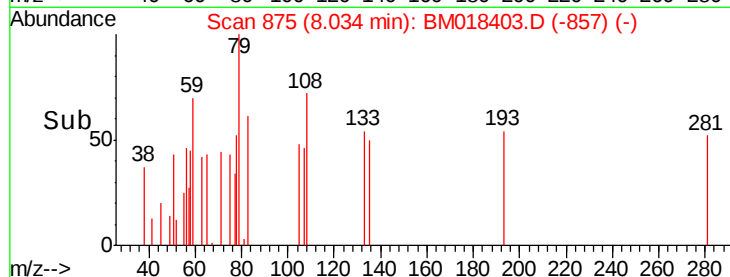
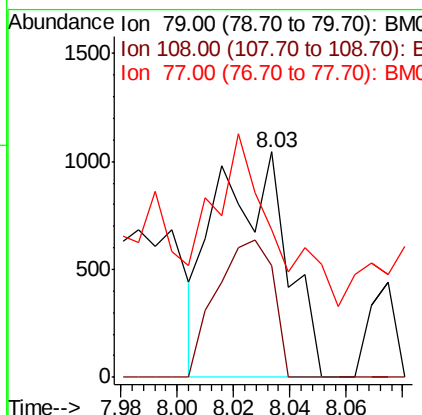
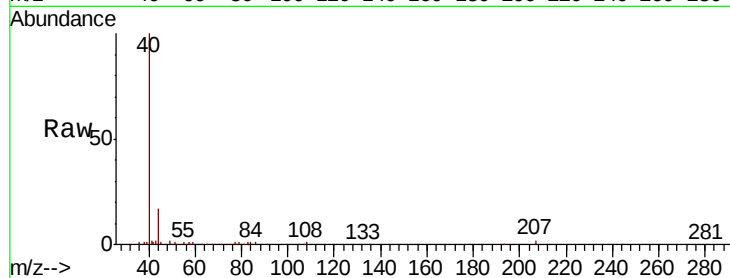
Instrument :

BNA_M

ClientSampleId :

PB116034BS

Tgt Ion:	79	Resp:	1776
Ion	Ratio	Lower	Upper
79	100		
108	49.5	60.4	90.6#
77	65.2	53.4	80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.592 ng

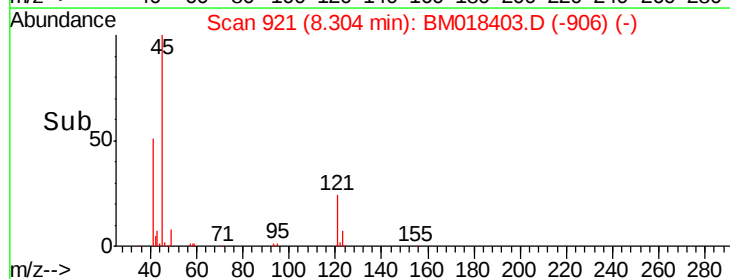
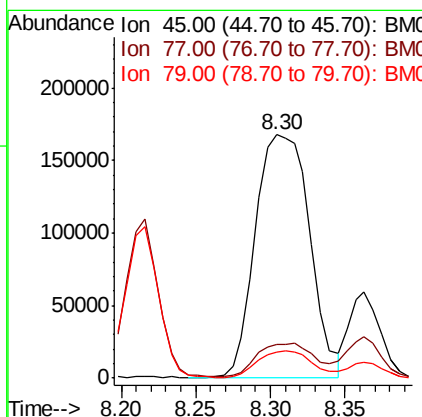
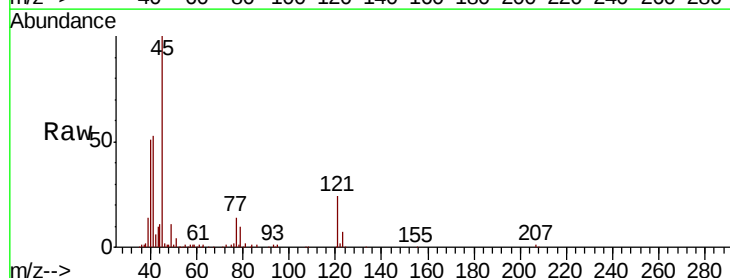
RT: 8.30 min Scan# 921

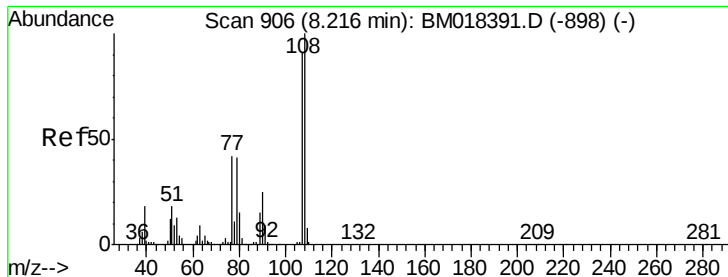
Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Tgt Ion:	45	Resp:	423535
Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.4
79	10.4	0.0	31.1

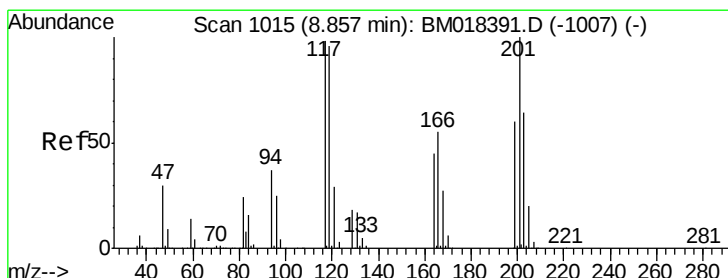
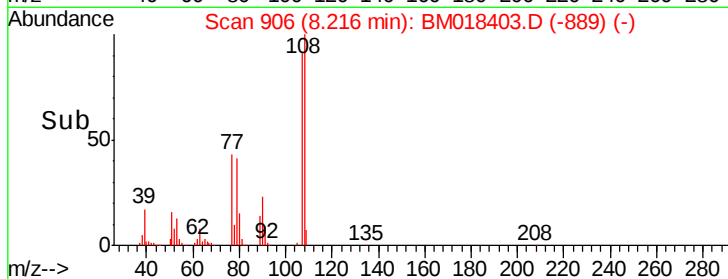
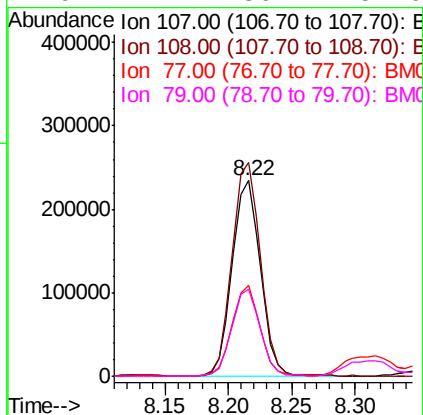
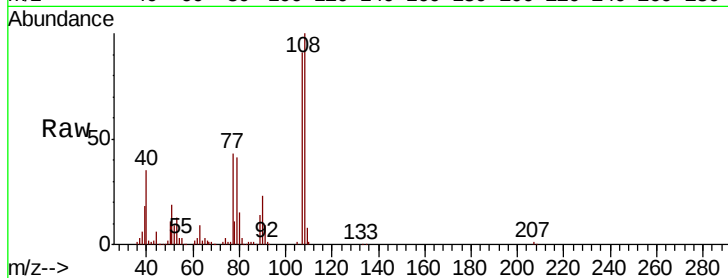




#17
2-Methylphenol
Concen: 17.301 ng
RT: 8.22 min Scan# 906
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

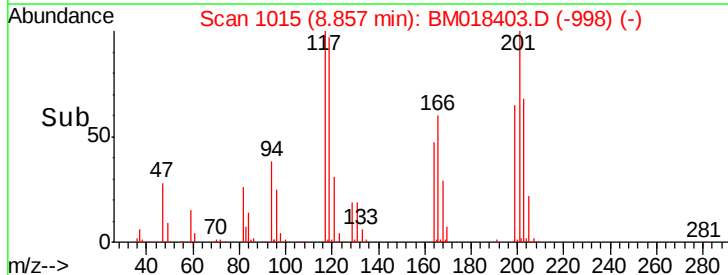
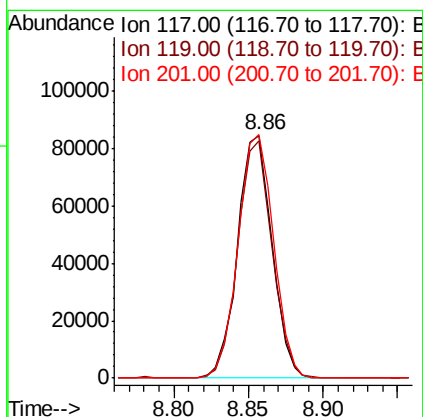
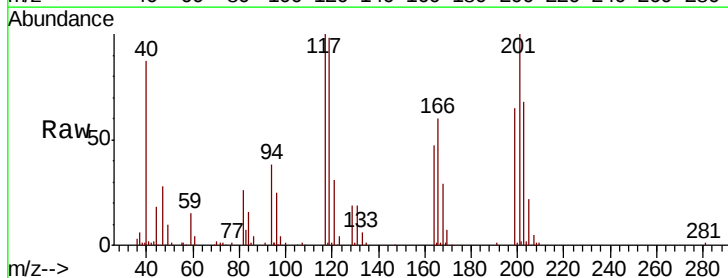
Instrument :
BNA_M
ClientSampleId :
PB116034BS

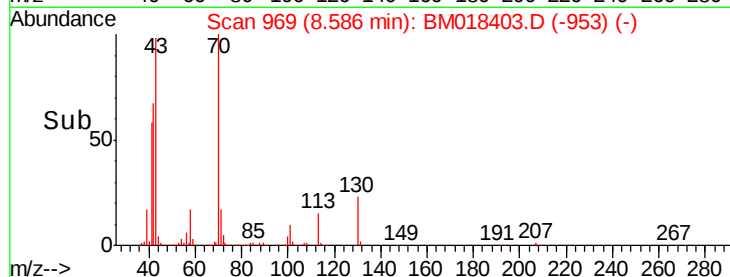
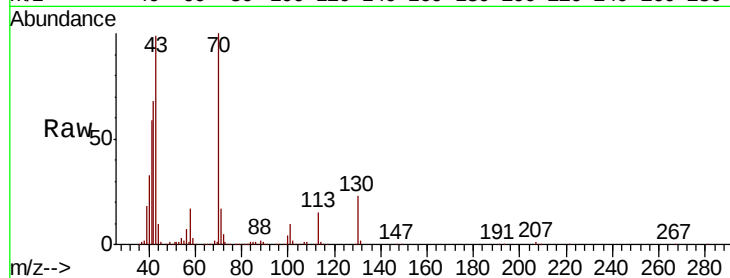
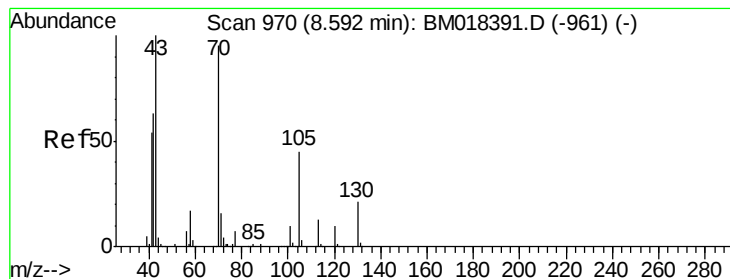
Tgt Ion:	107	Resp:	360768
Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.5	131.3
77	46.8	37.3	55.9
79	44.7	36.4	54.6



#18
Hexachloroethane
Concen: 12.811 ng
RT: 8.86 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:	117	Resp:	135598
Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.3	117.5
201	100.4	81.4	122.0





#19

n-Nitroso-di-n-propylamine

Concen: 18.205 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

Tgt Ion: 70 Resp: 396802

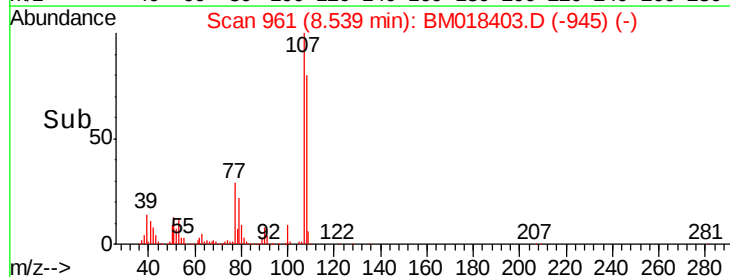
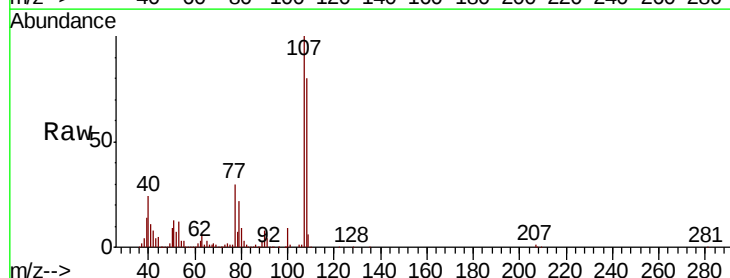
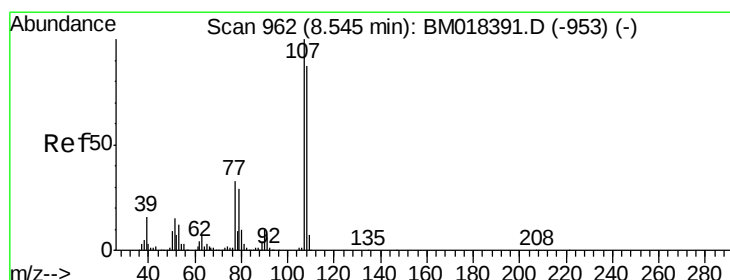
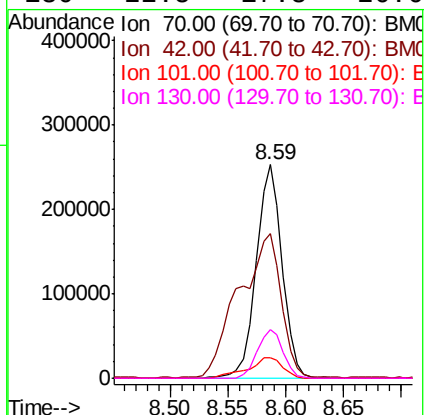
Ion Ratio Lower Upper

70 100

42 67.6 54.0 81.0

101 9.9 8.1 12.1

130 22.5 17.8 26.6



#20

3+4-Methylphenols

Concen: 19.197 ng

RT: 8.54 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Tgt Ion: 107 Resp: 537045

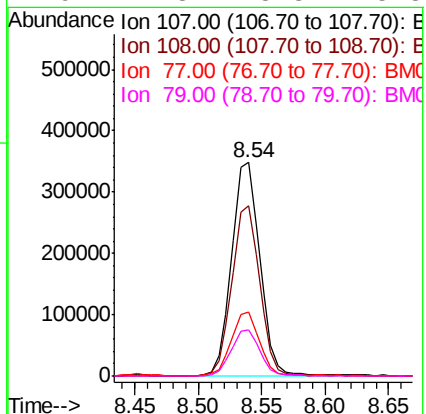
Ion Ratio Lower Upper

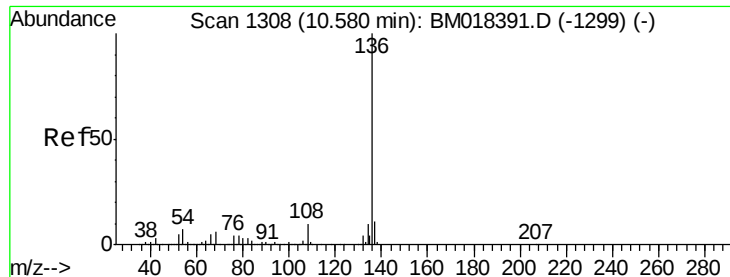
107 100

108 79.5 66.8 106.8

77 30.0 13.3 53.3

79 21.8 8.8 48.8

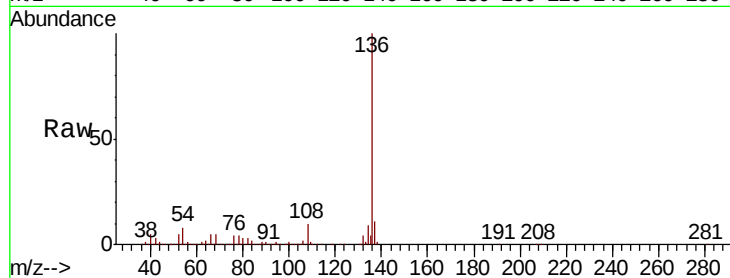




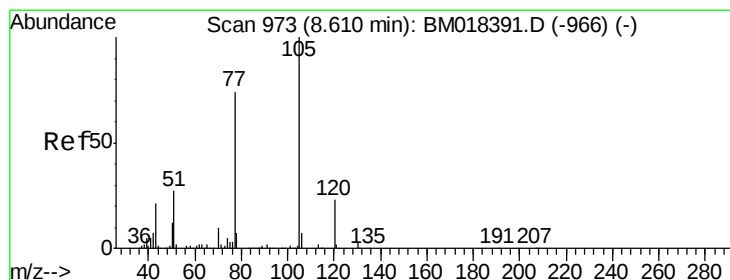
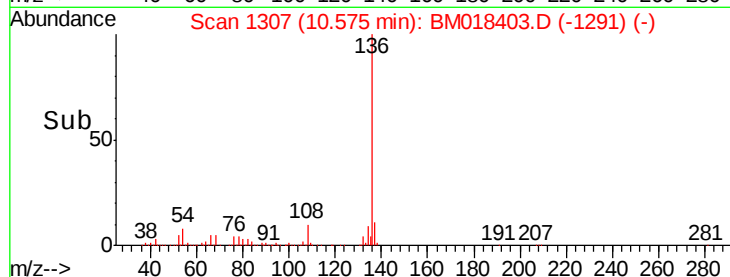
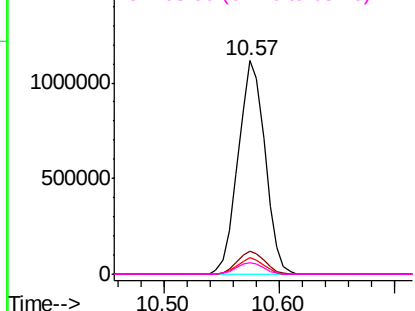
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Instrument :
BNA_M
ClientSampleId :
PB116034BS

Tgt Ion:	136	Resp:	1801452
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.5	6.0	9.0
68	5.3	4.5	6.7

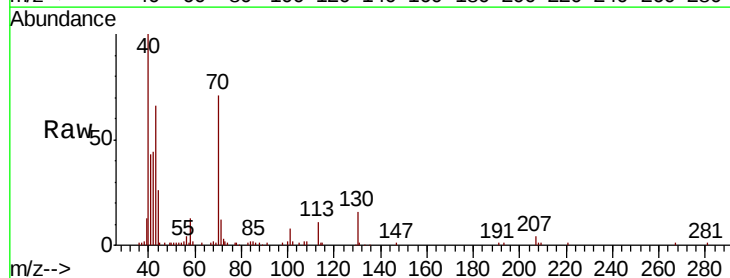


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

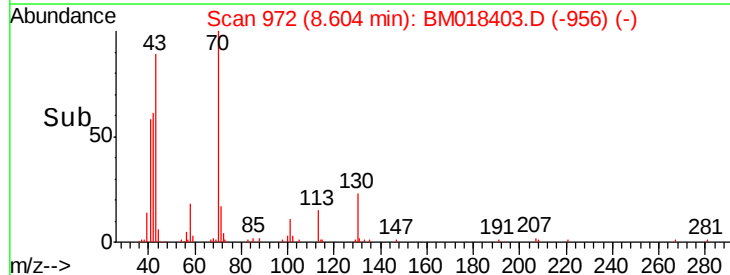
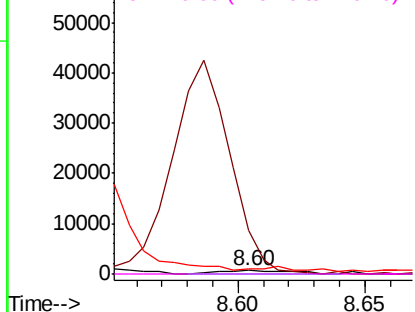


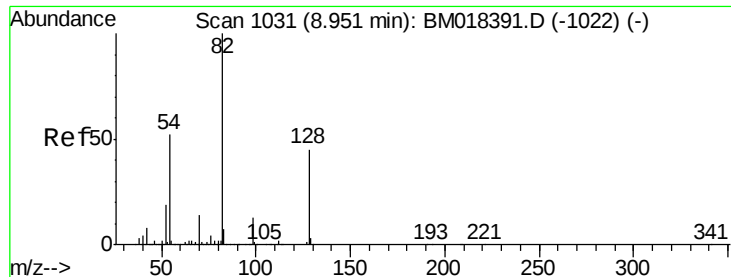
#22
Acetophenone
Concen: 0.033 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:	105	Resp:	1511
Ion	Ratio	Lower	Upper
105	100		
71	1246.1	1.7	2.5#
51	148.4	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): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

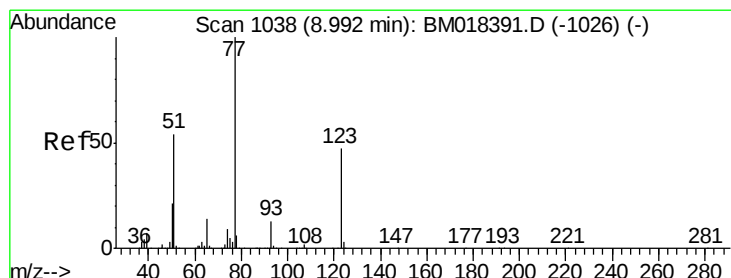
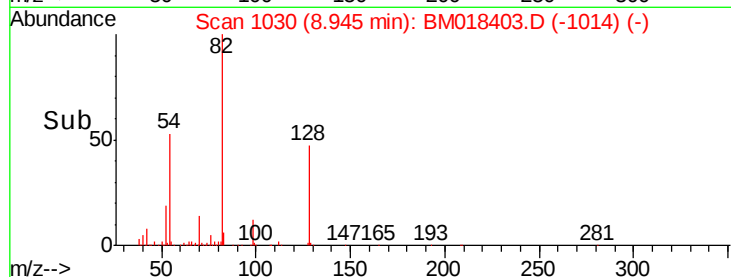
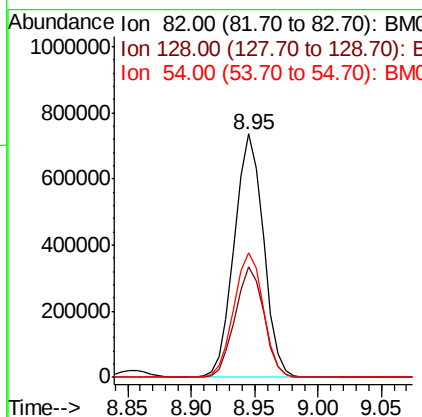
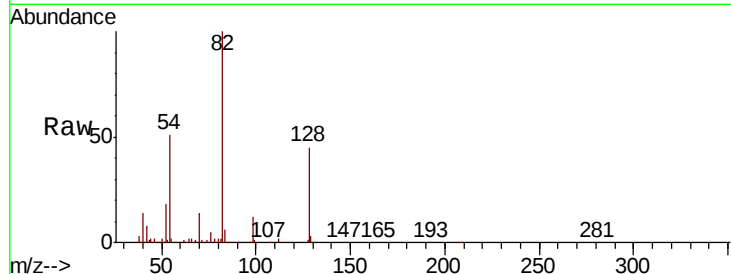




#23
Nitrobenzene-d5
Concen: 37.402 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

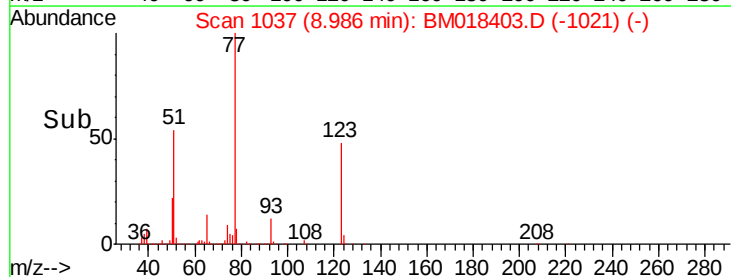
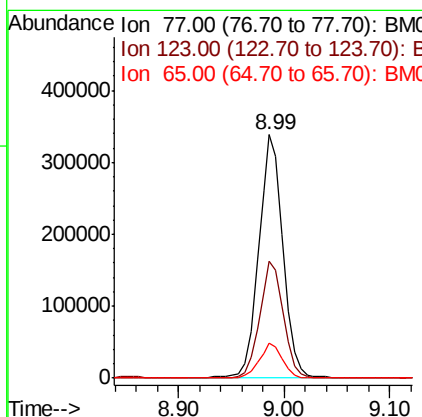
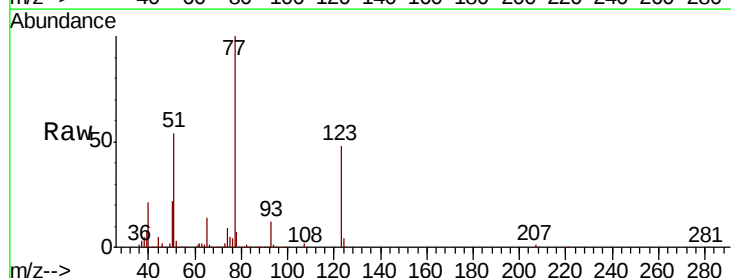
Instrument :
BNA_M
ClientSampleId :
PB116034BS

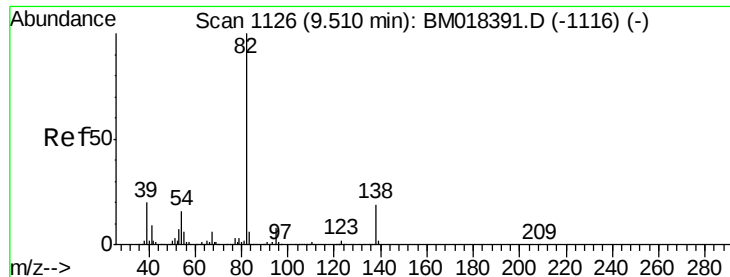
Tgt Ion: 82 Resp: 1173949
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 51.1 41.7 62.5



#24
Nitrobenzene
Concen: 17.226 ng
RT: 8.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion: 77 Resp: 535059
Ion Ratio Lower Upper
77 100
123 48.1 37.7 56.5
65 14.2 11.0 16.6





#25

Isophorone

Concen: 19.575 ng

RT: 9.50 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

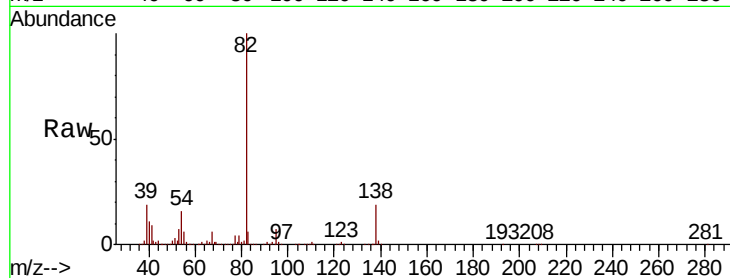
Tgt Ion: 82 Resp: 1065762

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

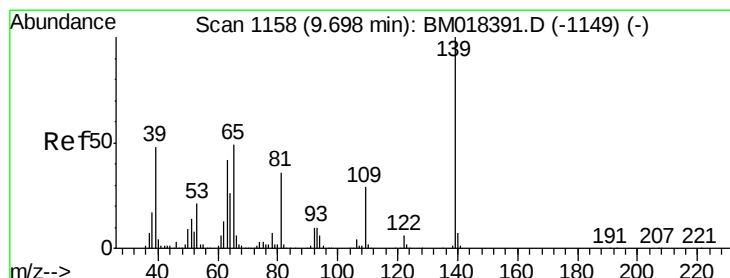
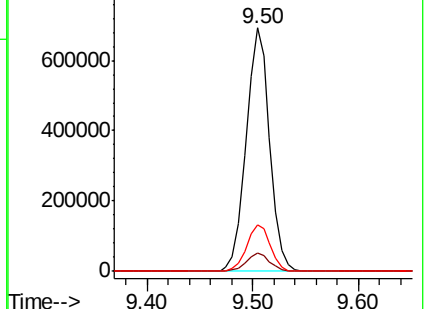
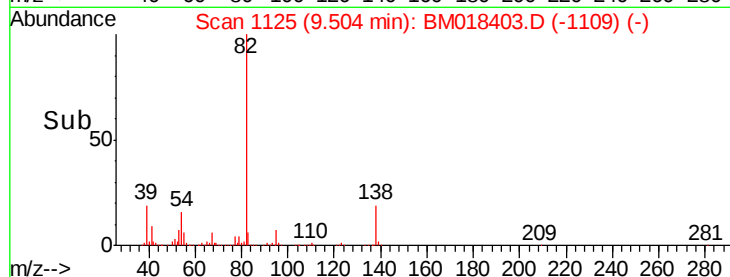
138 18.9 15.1 22.7



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

Ion 95.00 (94.70 to 95.70): BM018391.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM018391.D (-1116) (-)



#26

2-Nitrophenol

Concen: 21.074 ng

RT: 9.69 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

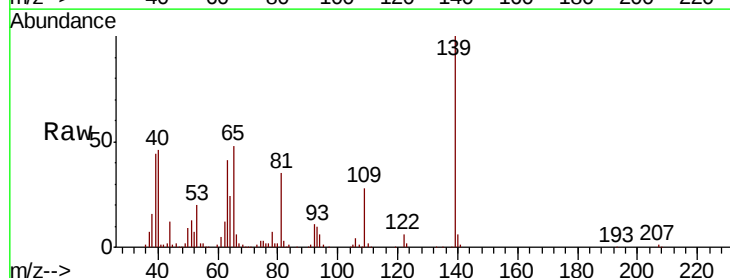
Tgt Ion: 139 Resp: 210800

Ion Ratio Lower Upper

139 100

109 28.3 23.4 35.2

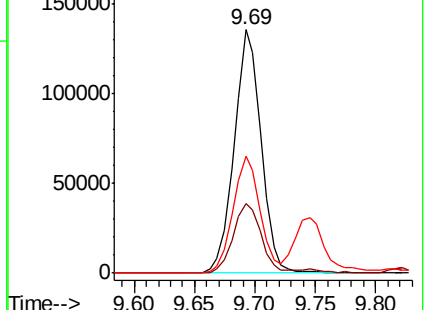
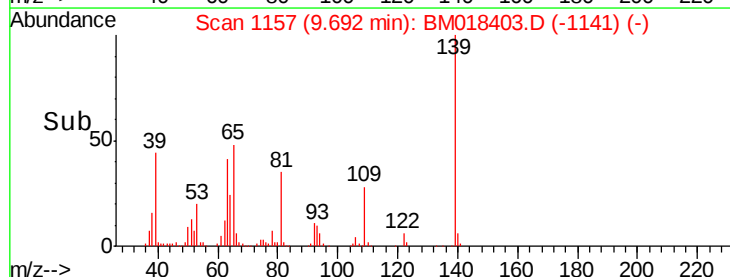
65 48.0 39.4 59.2

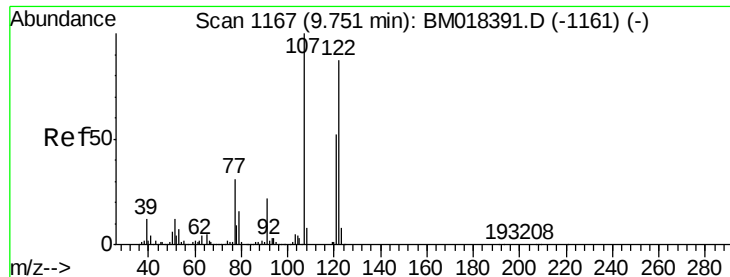


Abundance Ion 139.00 (138.70 to 139.70): BM018391.D (-1149) (-)

Ion 109.00 (108.70 to 109.70): BM018391.D (-1149) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-1149) (-)

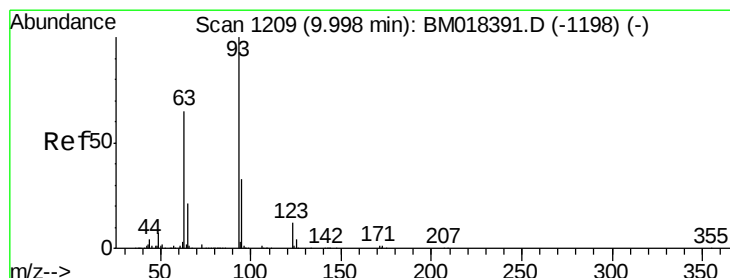
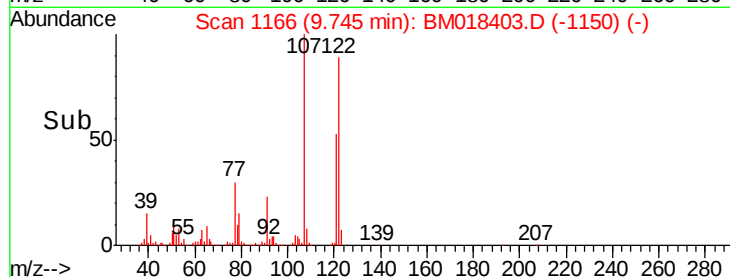
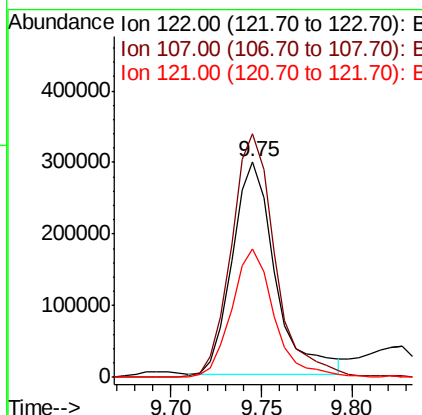
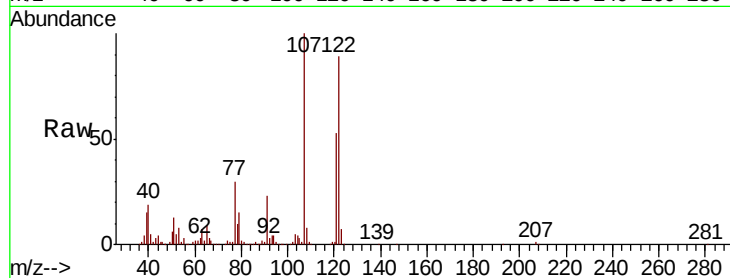




#27
 2,4-Dimethylphenol
 Concen: 21.972 ng
 RT: 9.75 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

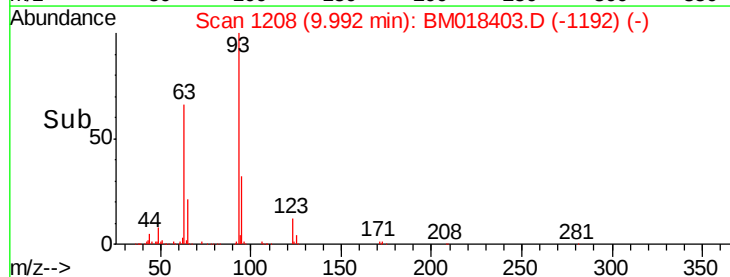
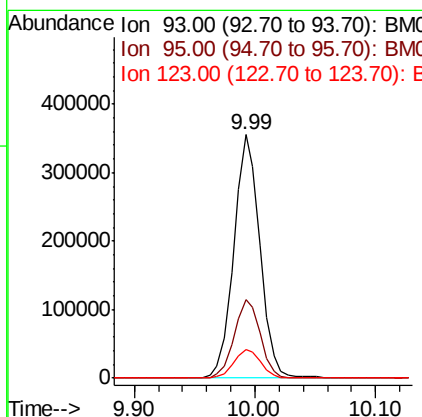
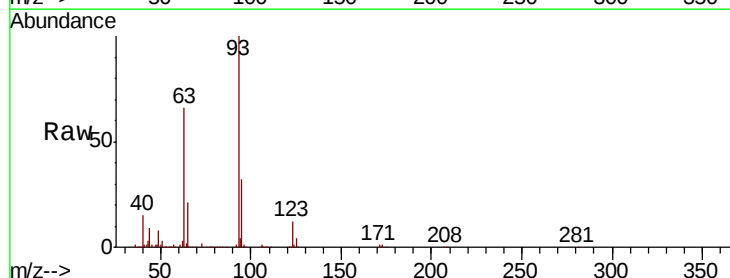
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

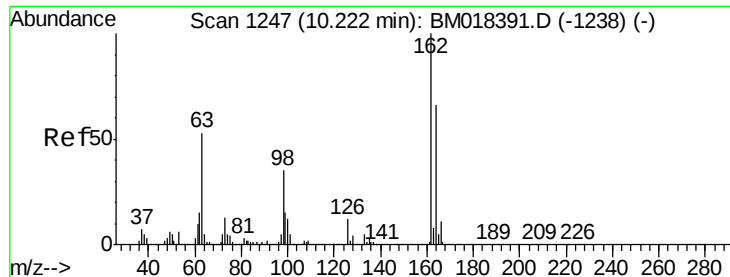
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.7	91.9	137.9
121	59.6	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 15.660 ng
 RT: 9.99 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	39.8
123	11.7	9.9	14.9

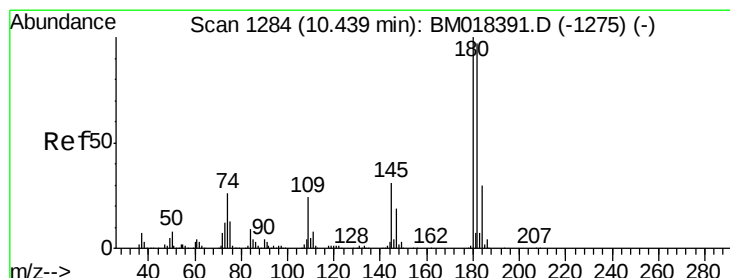
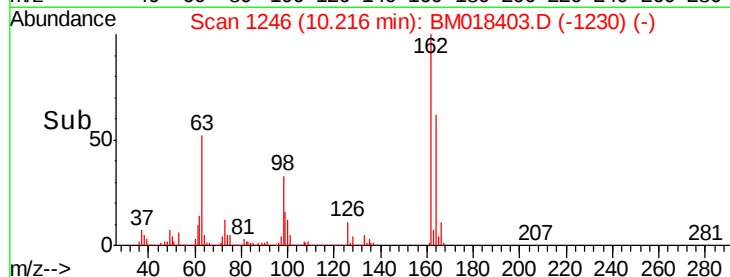
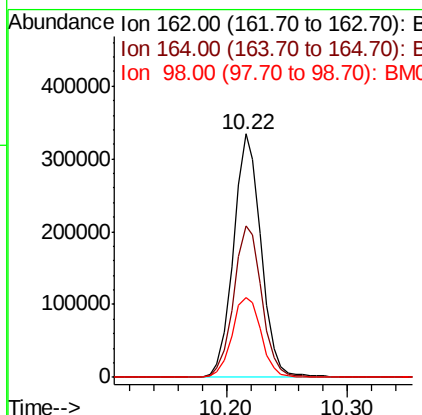
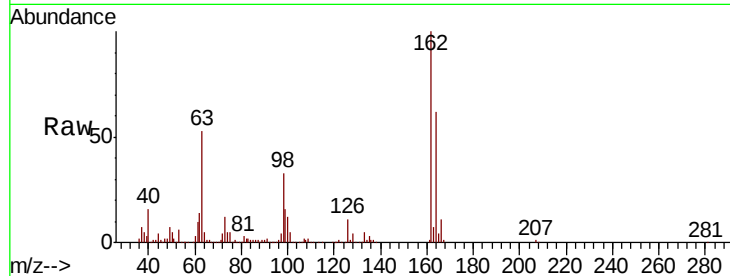




#29
 2,4-Dichlorophenol
 Concen: 21.308 ng
 RT: 10.22 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

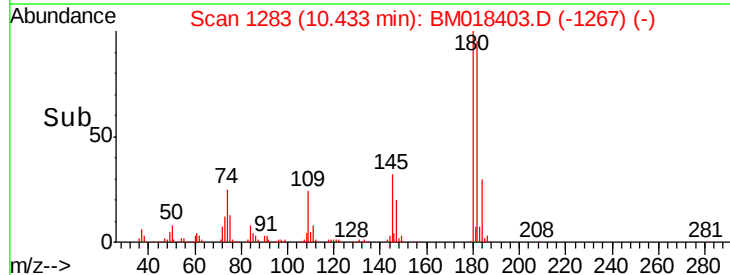
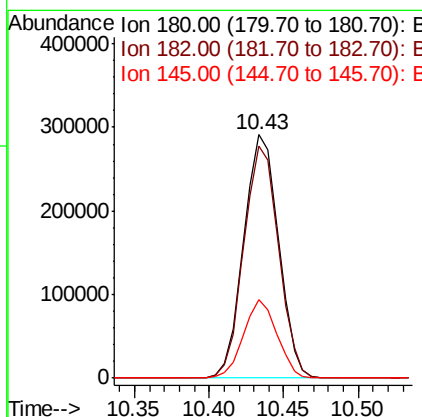
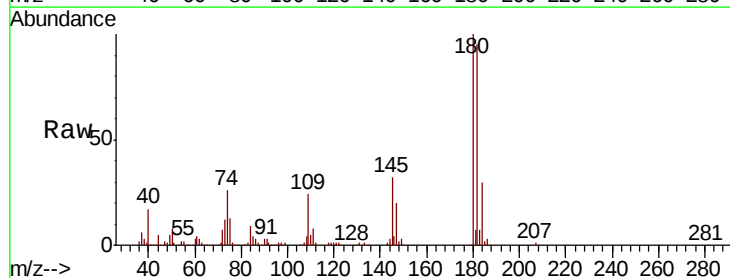
Instrument :
 BNA_M
 ClientSampleID :
 PB116034BS

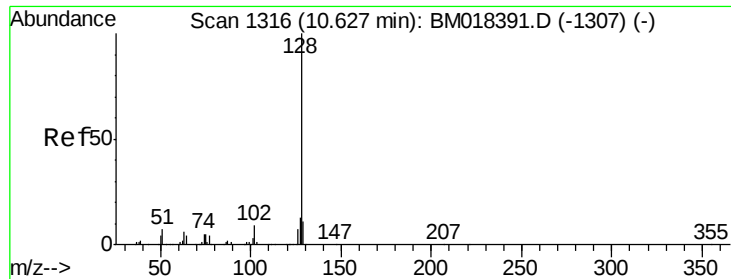
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.4	45.6	85.6
98	32.9	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 15.468 ng
 RT: 10.43 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.4	116.2
145	32.0	24.6	37.0

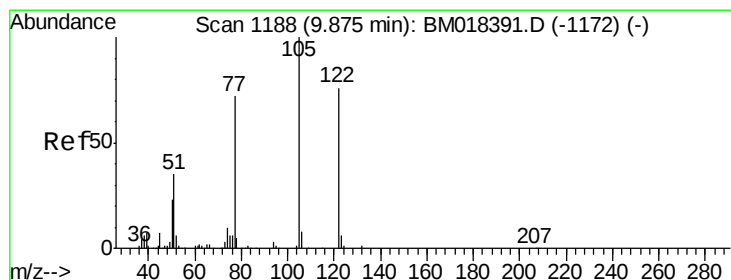
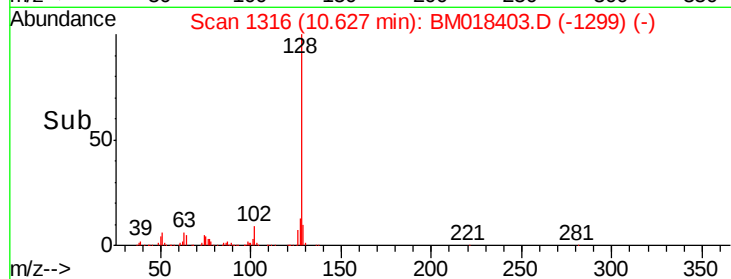
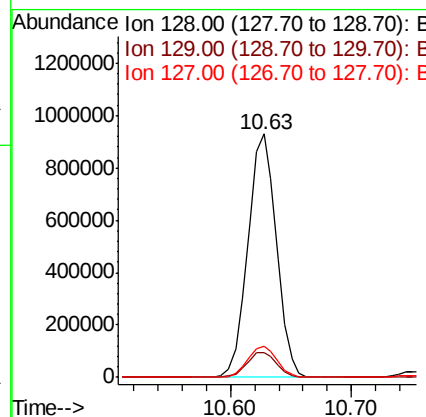
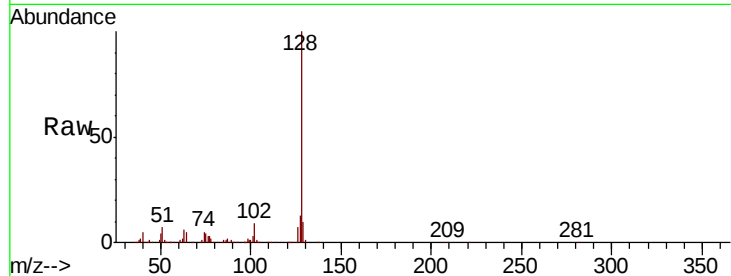




#31
Naphthalene
Concen: 17.679 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

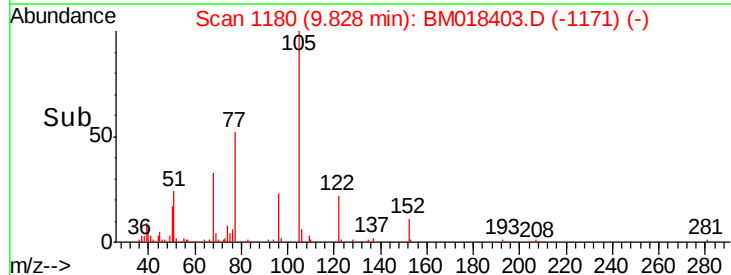
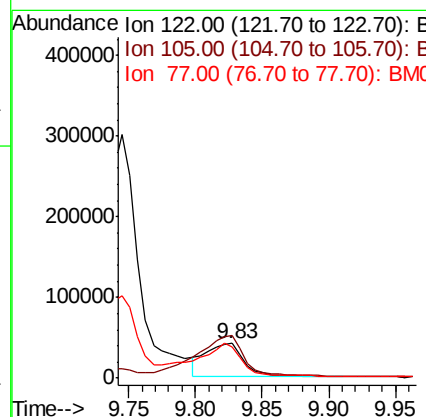
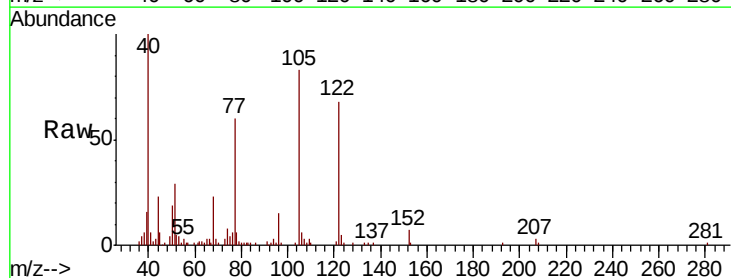
Instrument :
BNA_M
ClientSampleId :
PB116034BS

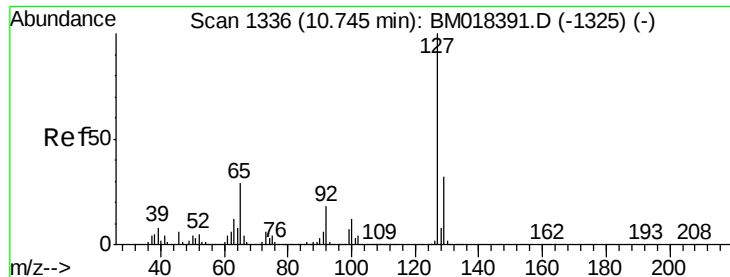
Tgt Ion:128 Resp: 1535040
Ion Ratio Lower Upper
128 100
129 10.1 8.7 13.1
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 11.090 ng
RT: 9.83 min Scan# 1180
Delta R.T. -0.05 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:122 Resp: 84764
Ion Ratio Lower Upper
122 100
105 122.2 100.4 140.4
77 89.2 71.7 111.7

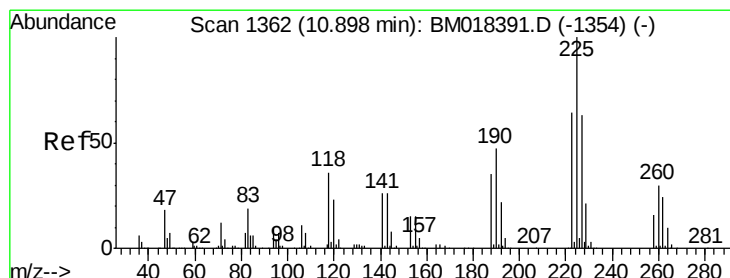
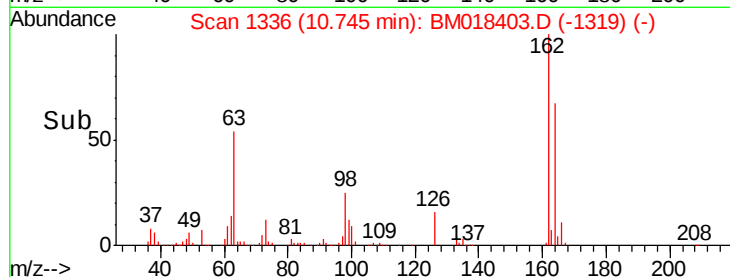
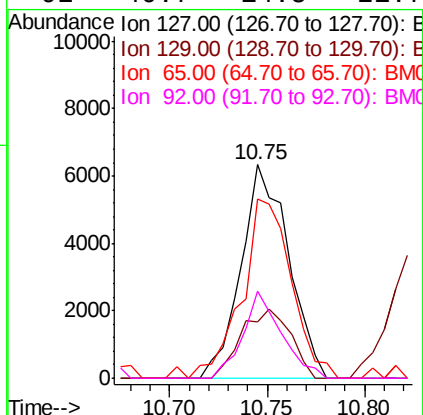
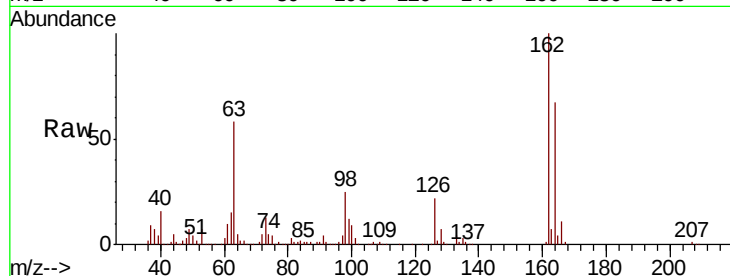




#33
4-Chloroaniline
Concen: 0.268 ng
RT: 10.75 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

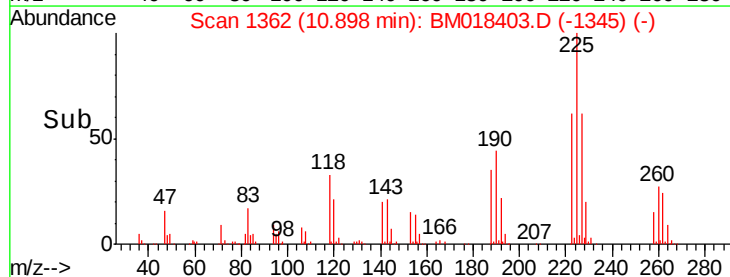
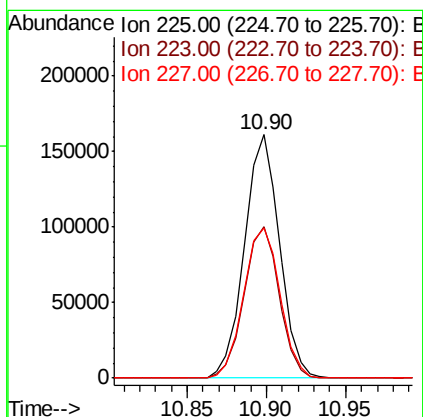
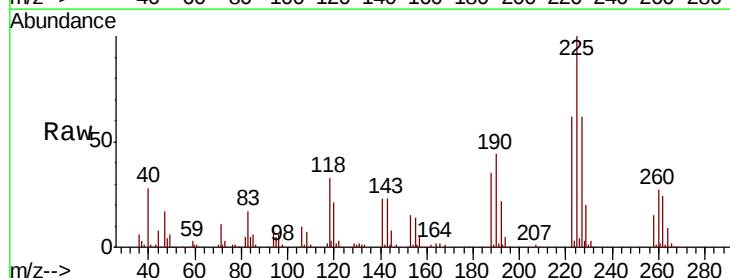
Instrument :
BNA_M
ClientSampleId :
PB116034BS

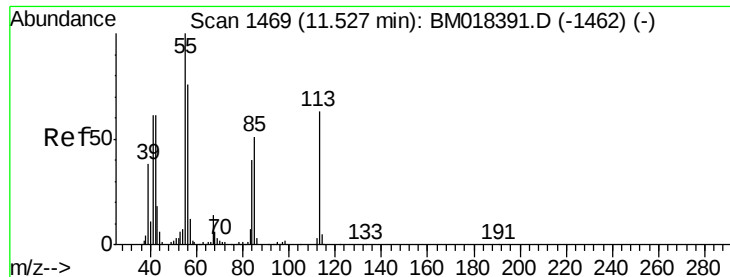
Tgt Ion:	127	Resp:	10675
Ion	Ratio	Lower	Upper
127	100		
129	26.6	25.9	38.9
65	83.8	23.4	35.2#
92	40.7	14.5	21.7#



#34
Hexachlorobutadiene
Concen: 13.349 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:	225	Resp:	247659
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.8	76.2
227	61.6	50.4	75.6





#35

Caprolactam

Concen: 0.114 ng

RT: 11.53 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

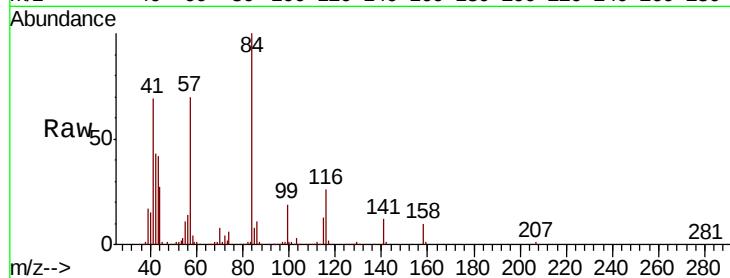
Tgt Ion:113 Resp: 1052

Ion Ratio Lower Upper

113 100

55 3898.7 139.3 179.3#

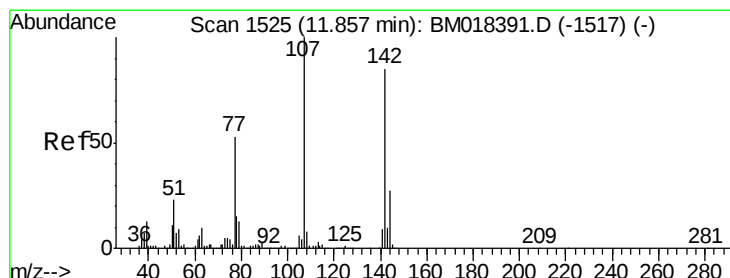
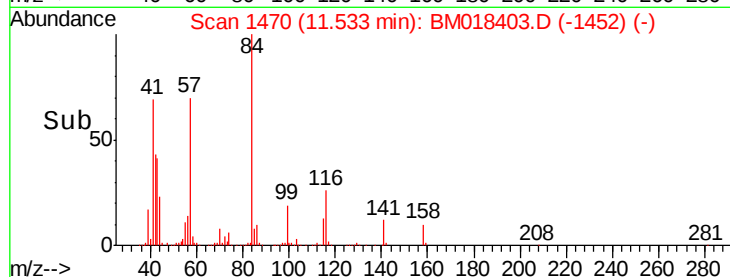
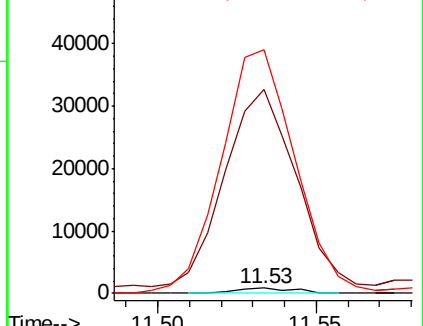
56 4660.5 101.4 141.4#



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: 27.199 ng

RT: 11.85 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

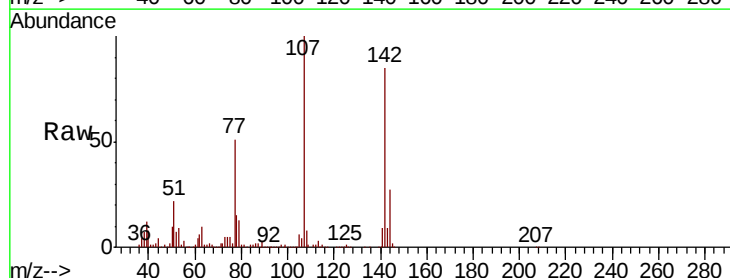
Tgt Ion:107 Resp: 768977

Ion Ratio Lower Upper

107 100

144 27.2 21.9 32.9

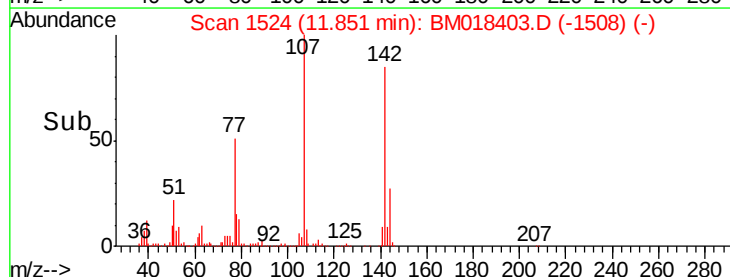
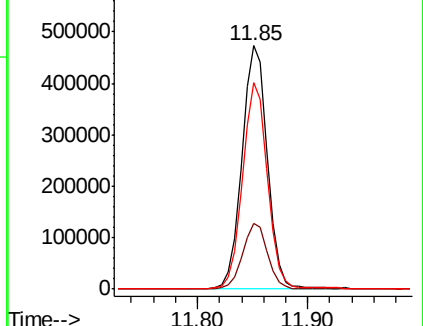
142 84.8 67.9 101.9

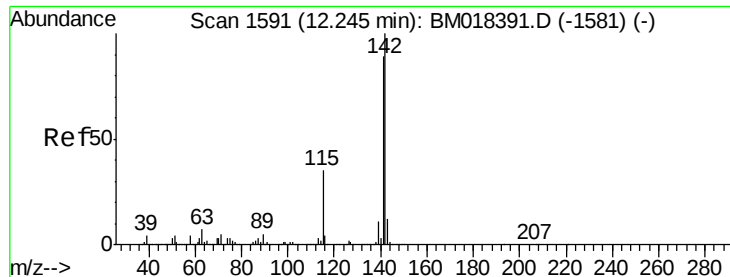


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

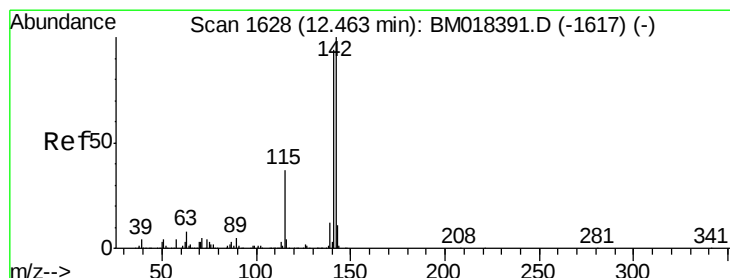
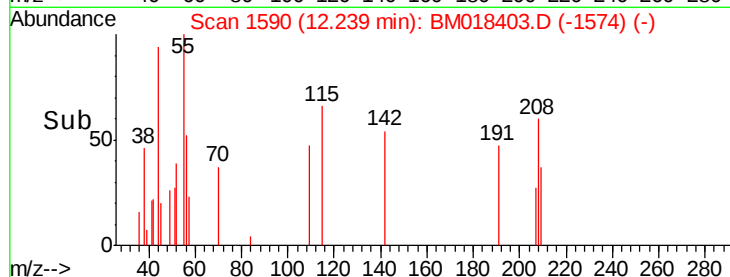
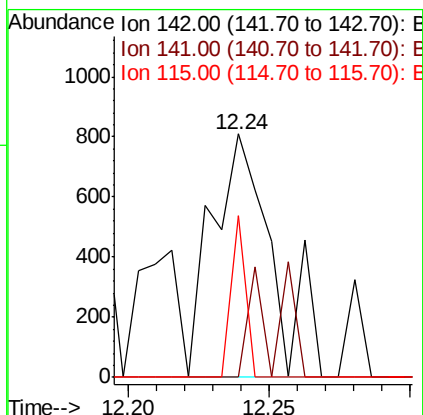
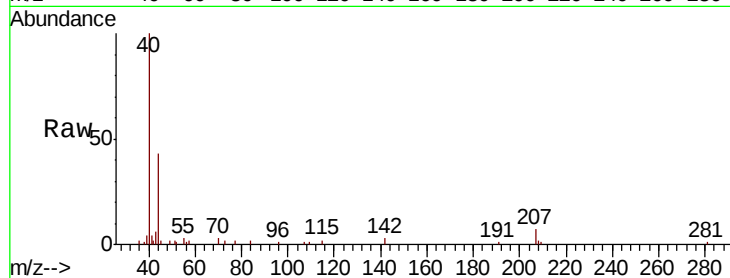




#37
 2-Methylnaphthalene
 Concen: 0.019 ng
 RT: 12.24 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

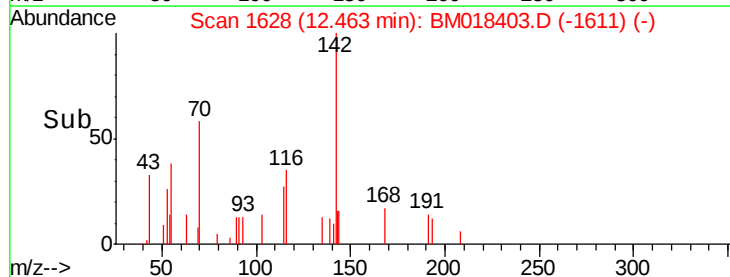
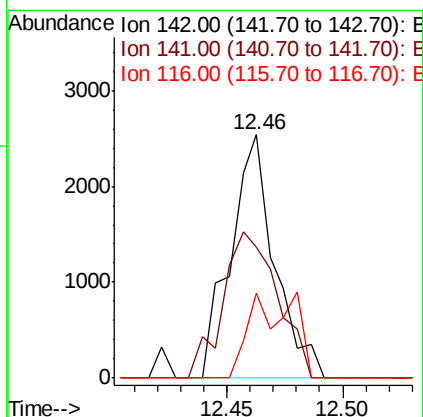
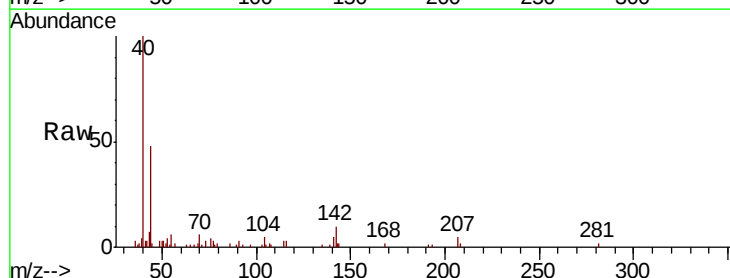
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

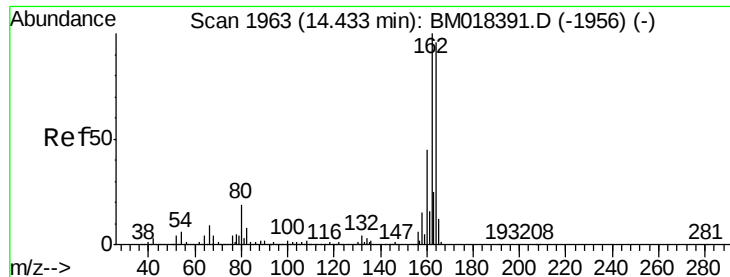
Tgt Ion:142 Resp: 1201
 Ion Ratio Lower Upper
 142 100
 141 0.0 71.4 107.2#
 115 66.5 28.0 42.0#



#38
 1-Methylnaphthalene
 Concen: 0.055 ng
 RT: 12.46 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Tgt Ion:142 Resp: 3383
 Ion Ratio Lower Upper
 142 100
 141 53.6 75.6 113.4#
 116 34.7 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

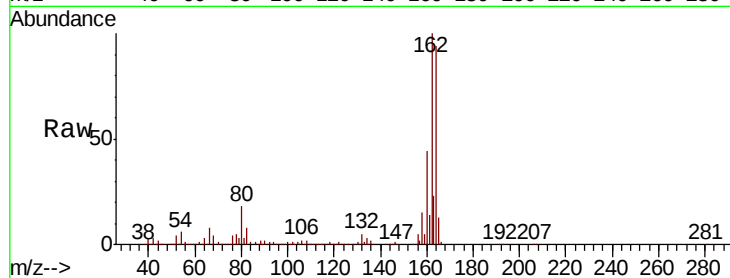
Tgt Ion:164 Resp: 1070558

Ion Ratio Lower Upper

164 100

162 106.4 83.0 124.4

160 47.2 37.1 55.7

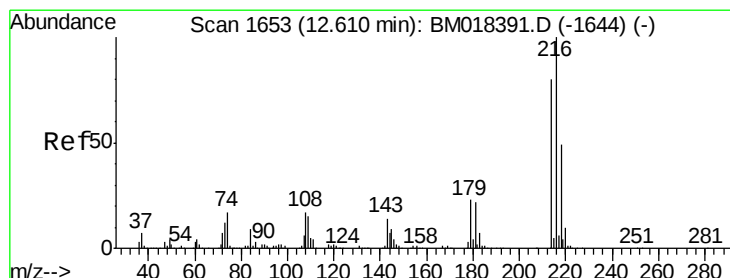
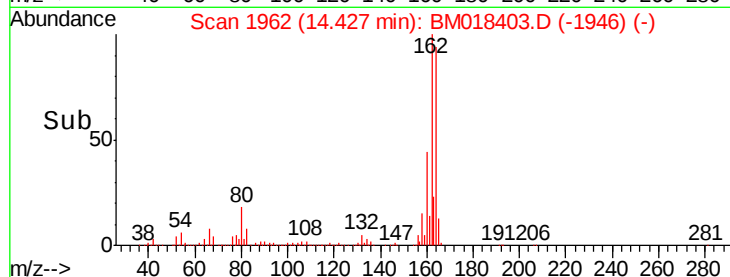
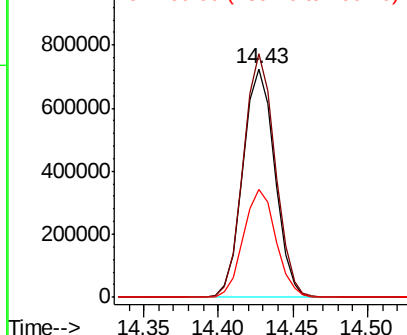


Abundance

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: 18.506 ng

RT: 12.60 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Tgt Ion:216 Resp: 620246

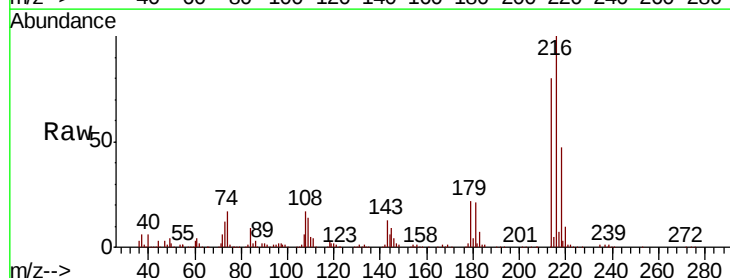
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 22.6 17.9 26.9

108 18.7 15.8 23.6



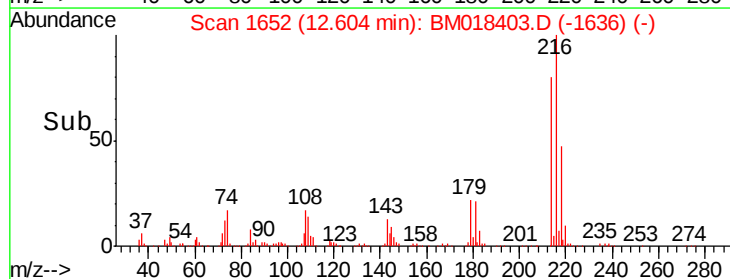
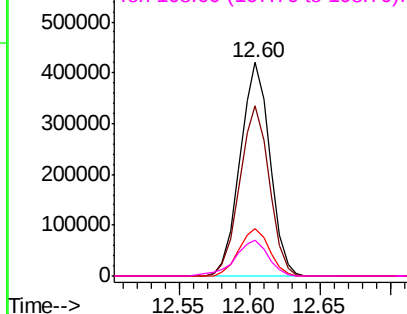
Abundance

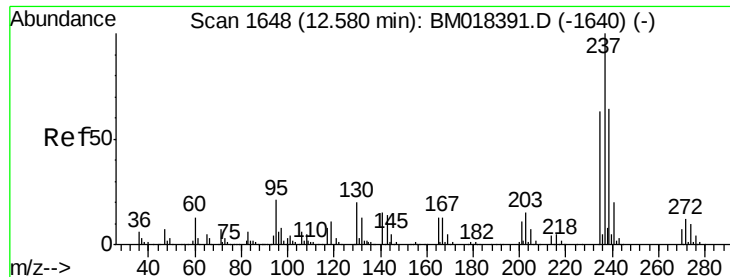
Ion 216.00 (215.70 to 216.70): E

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: 15.831 ng

RT: 12.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

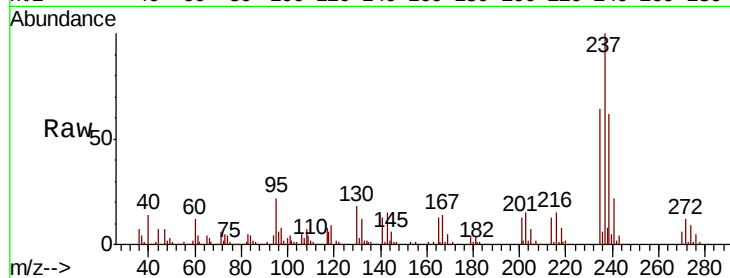
Tgt Ion: 237 Resp: 257266

Ion Ratio Lower Upper

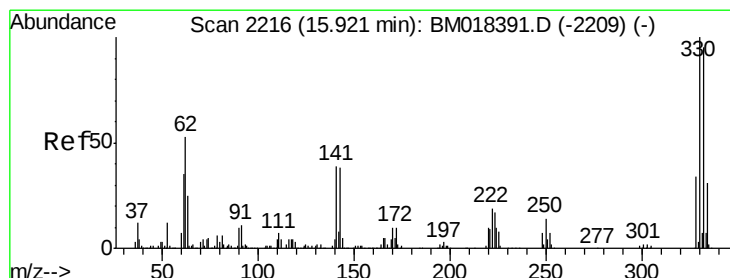
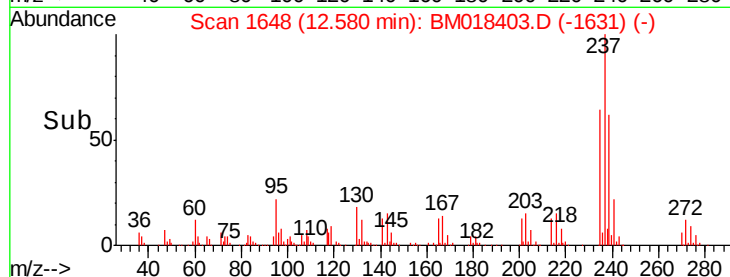
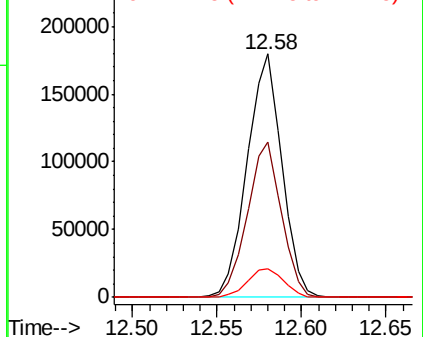
237 100

235 63.6 42.8 82.8

272 11.8 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: 66.127 ng

RT: 15.92 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

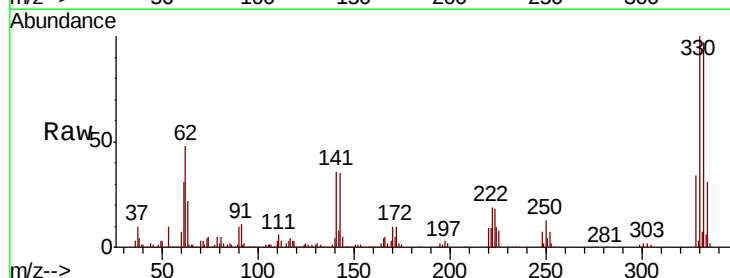
Tgt Ion: 330 Resp: 899489

Ion Ratio Lower Upper

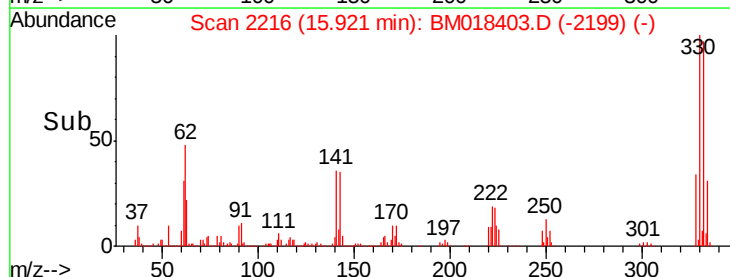
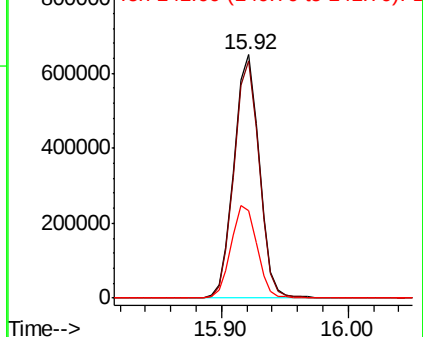
330 100

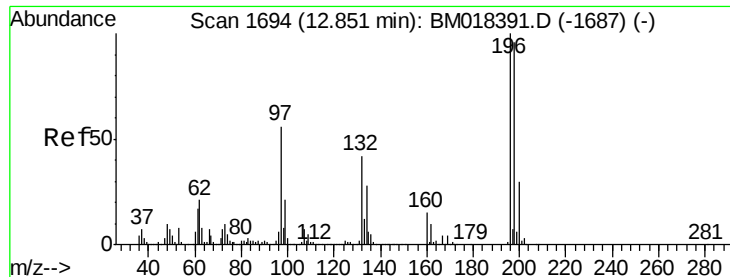
332 96.9 77.6 116.4

141 38.9 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

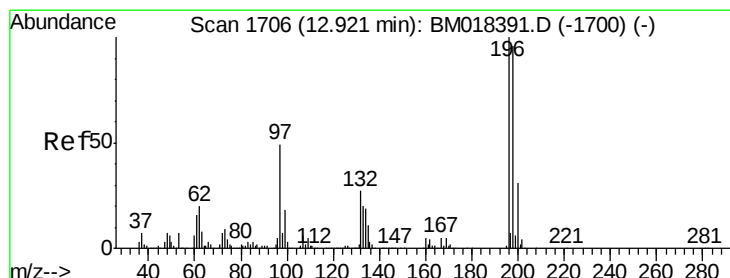
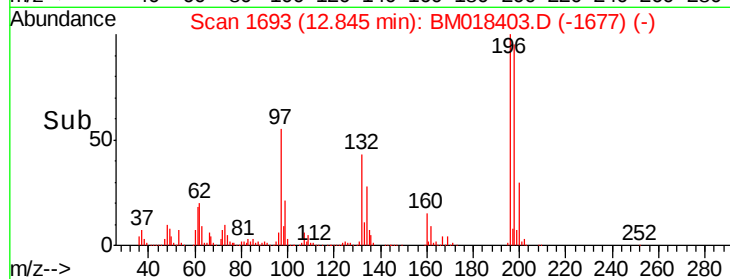
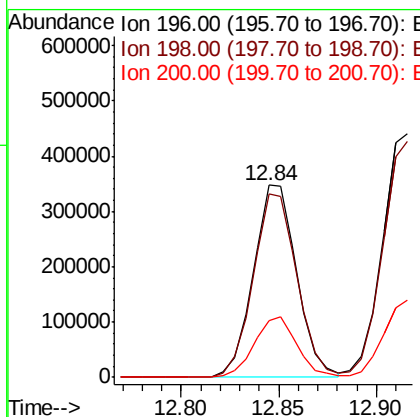
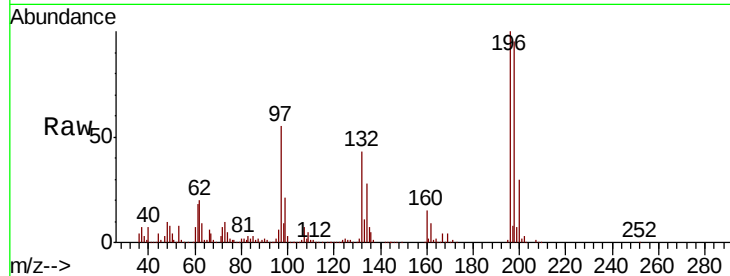




#43
 2,4,6-Trichlorophenol
 Concen: 28.046 ng
 RT: 12.84 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

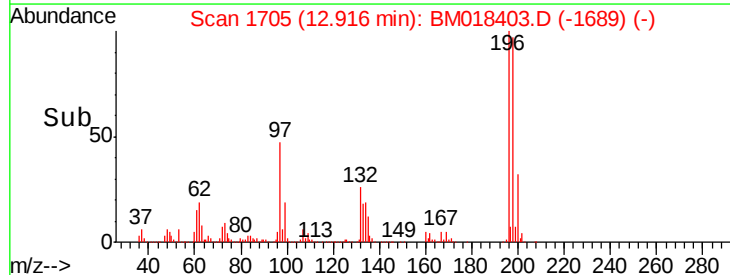
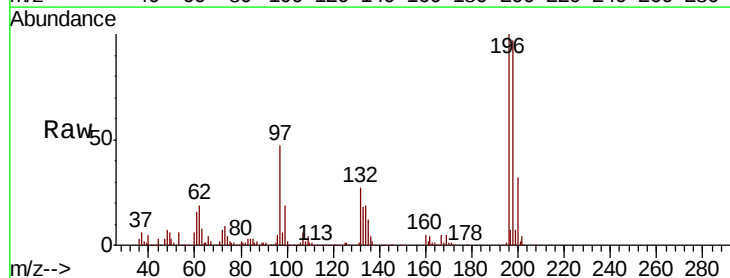
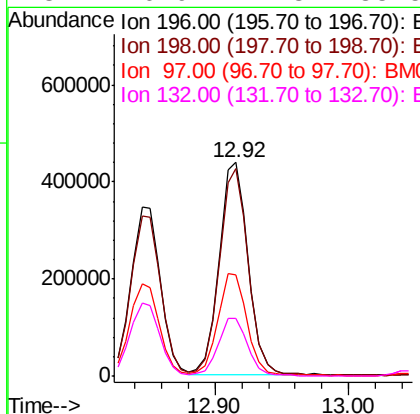
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

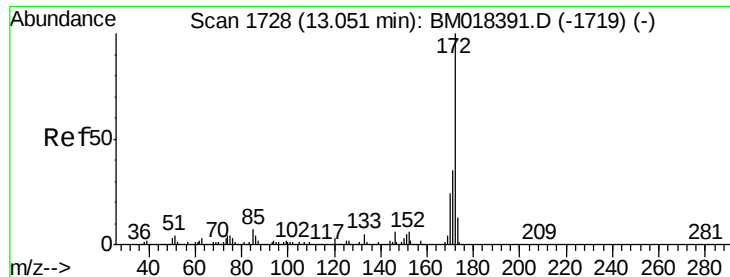
Tgt Ion:196 Resp: 533926
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 115.0
 200 29.7 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 32.177 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Tgt Ion:196 Resp: 669414
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.7 115.1
 97 47.2 39.2 58.8
 132 26.9 22.3 33.5

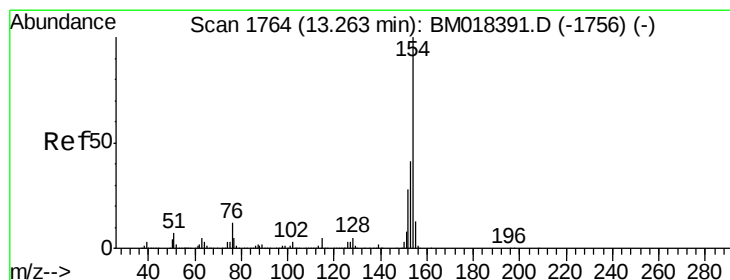
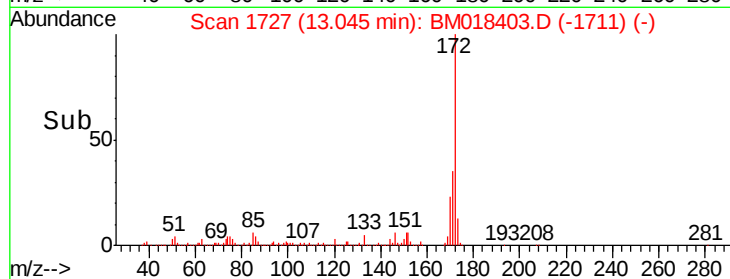
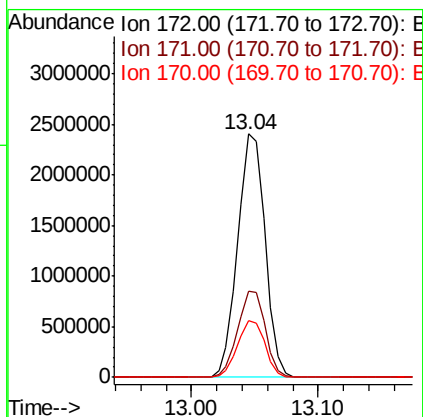
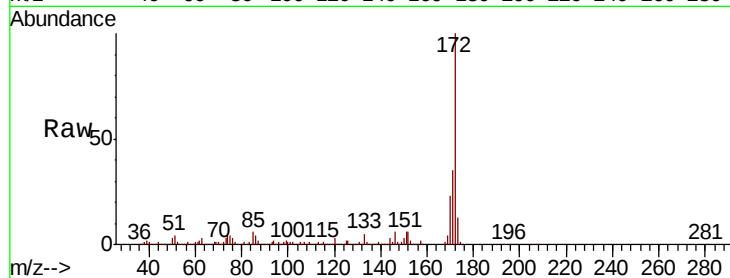




#45
 2-Fluorobiphenyl
 Concen: 45.559 ng
 RT: 13.04 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

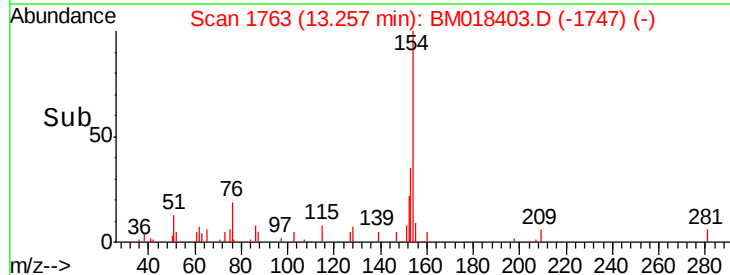
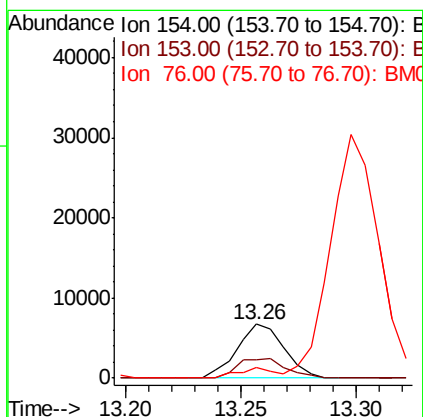
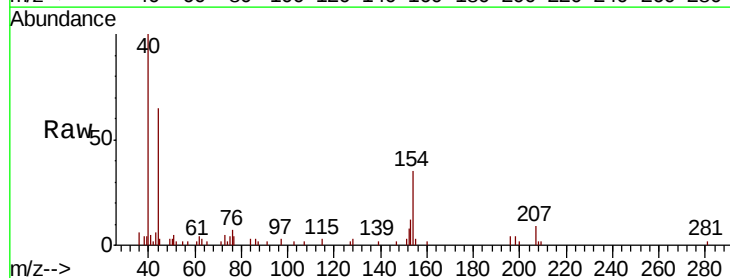
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

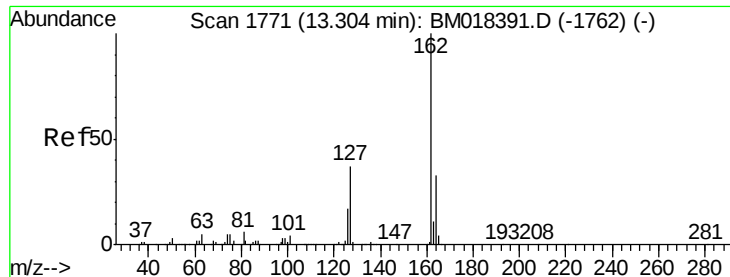
Tgt Ion:172 Resp: 3601120
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.4
 170 23.4 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 0.103 ng
 RT: 13.26 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Tgt Ion:154 Resp: 9415
 Ion Ratio Lower Upper
 154 100
 153 34.6 20.5 60.5
 76 19.0 0.0 31.9

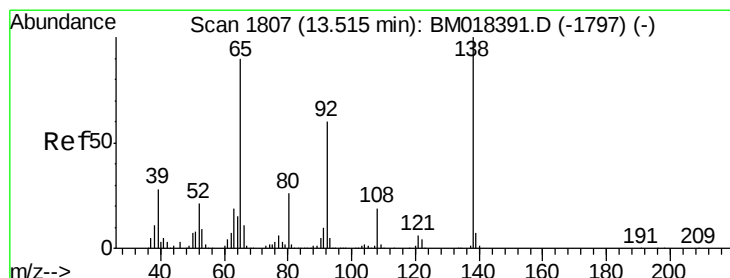
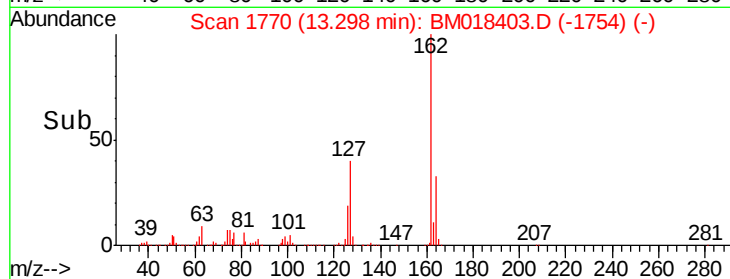
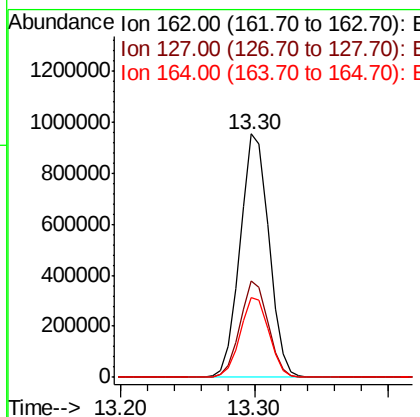
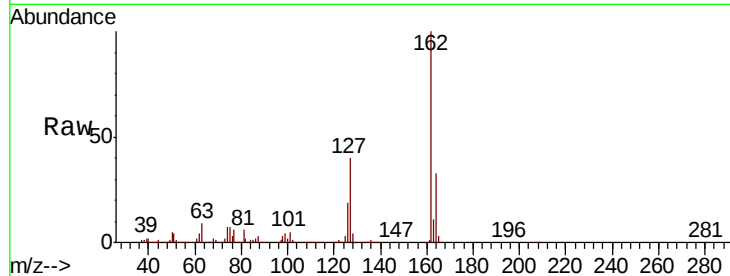




#47
 2-Chloronaphthalene
 Concen: 20.300 ng
 RT: 13.30 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

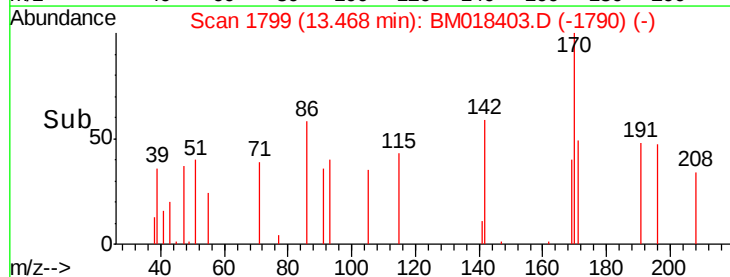
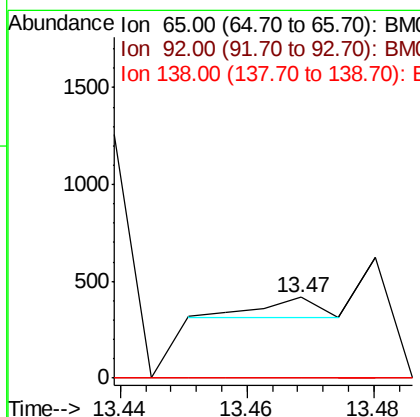
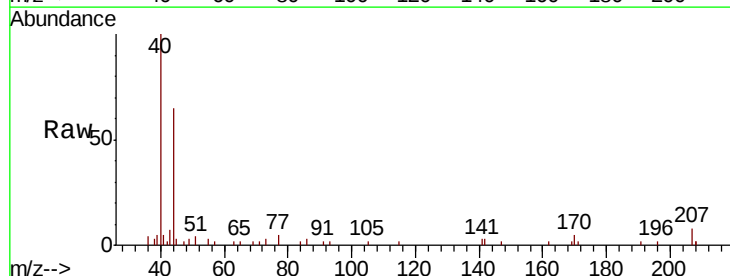
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

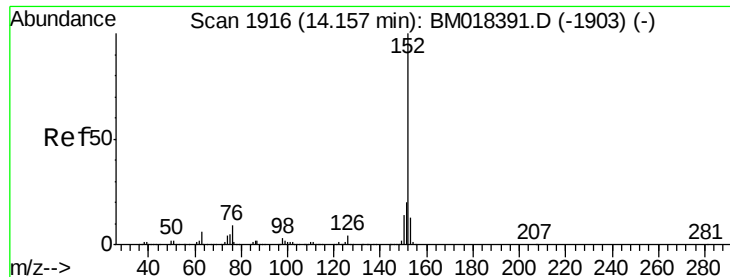
Tgt Ion: 162 Resp: 1422382
 Ion Ratio Lower Upper
 162 100
 127 39.7 31.4 47.0
 164 32.8 26.2 39.4



#48
 2-Nitroaniline
 Concen: 0.003 ng
 RT: 13.47 min Scan# 1799
 Delta R.T. -0.05 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Tgt Ion: 65 Resp: 59
 Ion Ratio Lower Upper
 65 100
 92 0.0 53.4 80.2#
 138 0.0 88.9 133.3#





#49

Acenaphthylene

Concen: 24.098 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

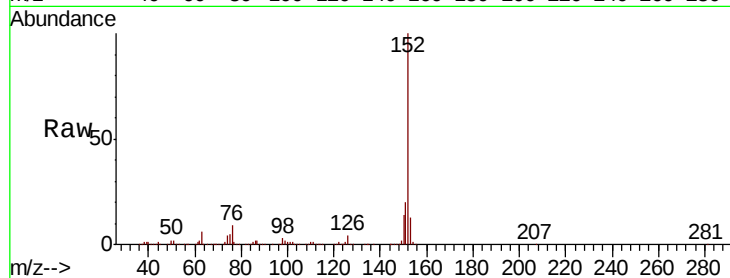
Tgt Ion:152 Resp: 2599520

Ion Ratio Lower Upper

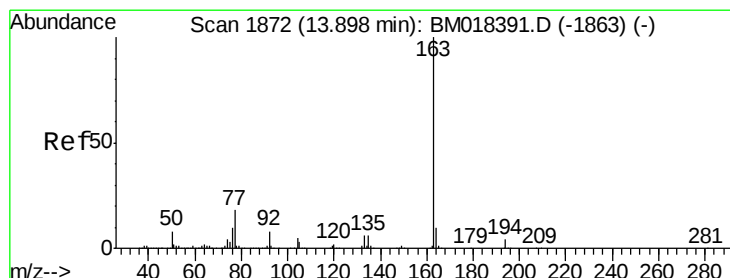
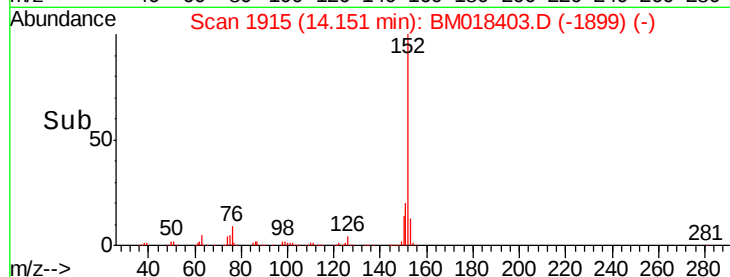
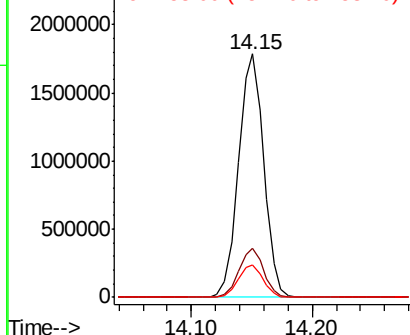
152 100

151 20.3 15.7 23.5

153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 27.655 ng

RT: 13.89 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

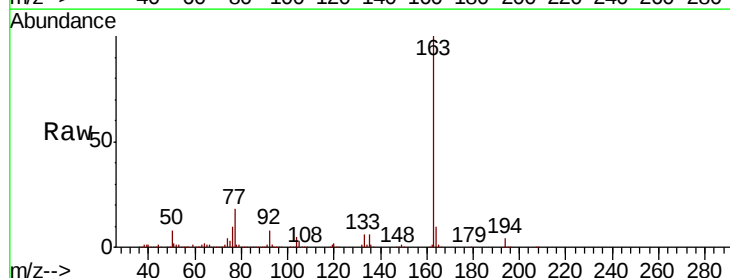
Tgt Ion:163 Resp: 2473530

Ion Ratio Lower Upper

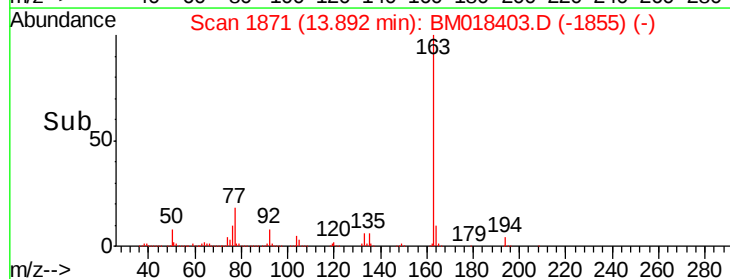
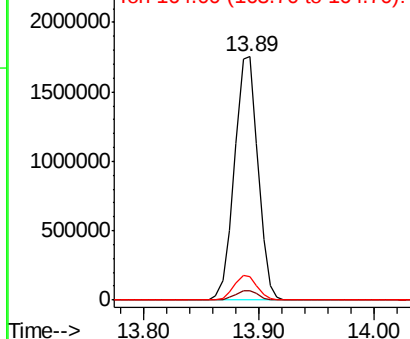
163 100

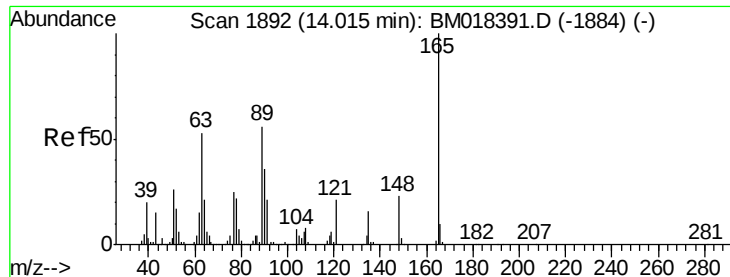
194 3.9 3.0 4.6

164 9.8 7.8 11.8



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

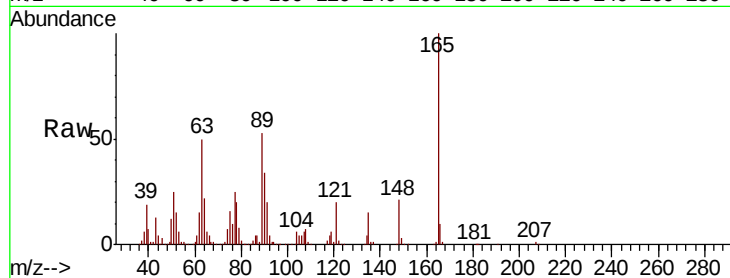




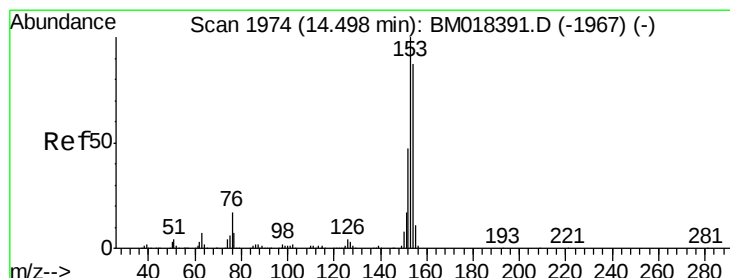
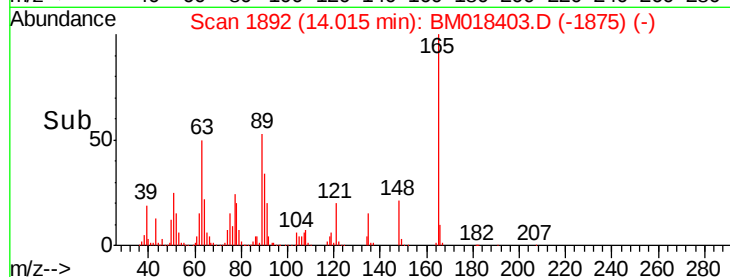
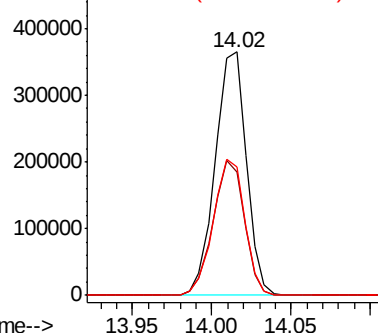
#51
2,6-Dinitrotoluene
Concen: 26.609 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Instrument :
BNA_M
ClientSampleId :
PB116034BS

Tgt Ion:165 Resp: 499492
Ion Ratio Lower Upper
165 100
63 50.4 45.6 68.4
89 52.9 44.6 66.8

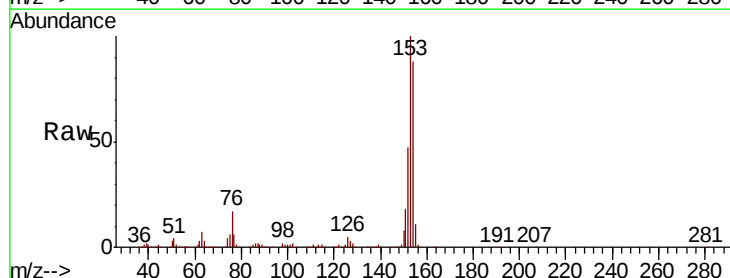


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

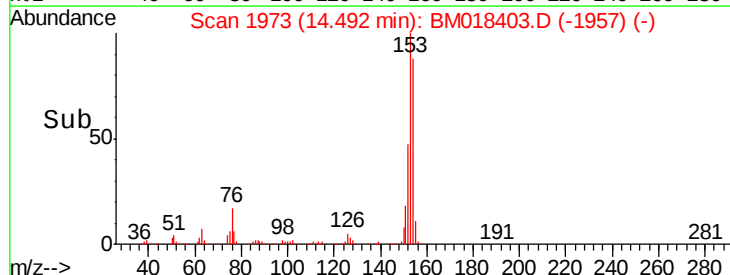
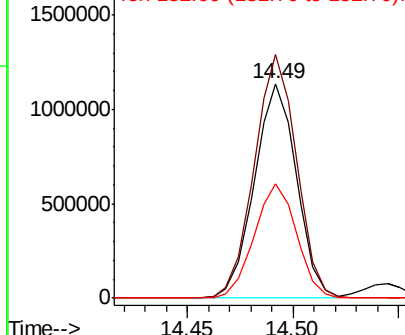


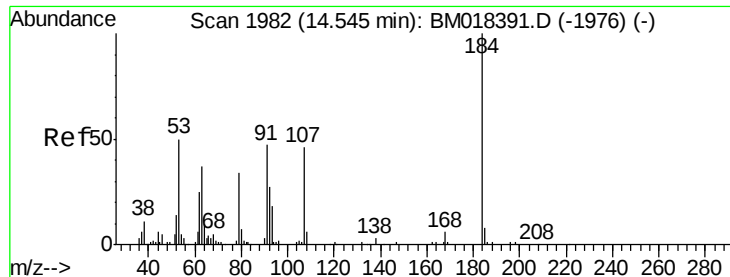
#52
Acenaphthene
Concen: 24.249 ng
RT: 14.49 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:154 Resp: 1578588
Ion Ratio Lower Upper
154 100
153 113.4 92.3 138.5
152 53.1 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

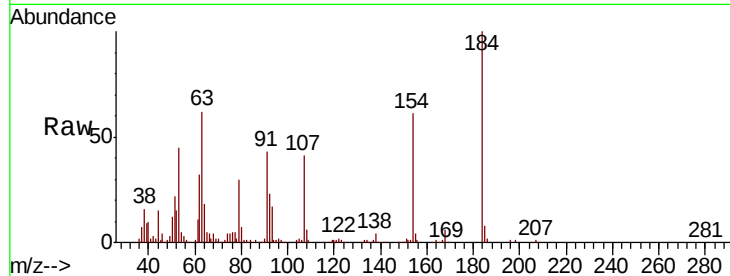




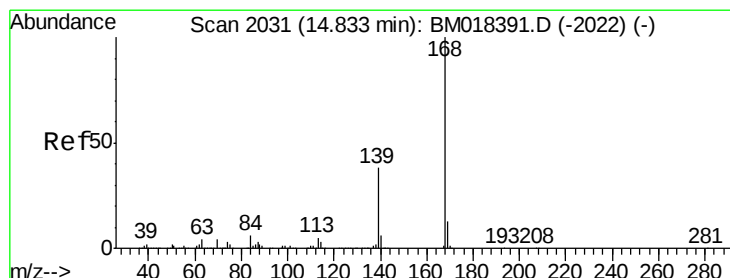
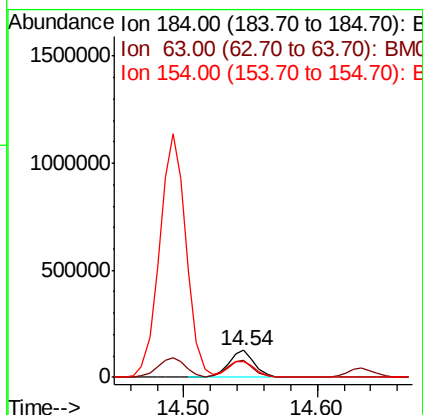
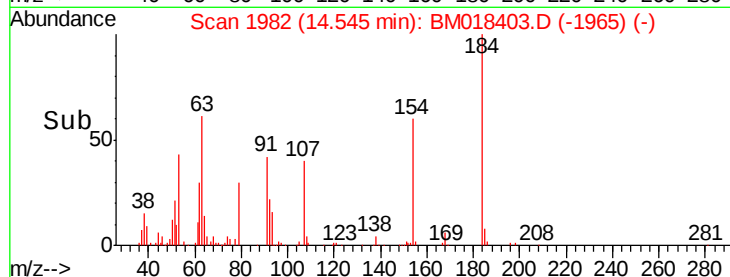
#54
2,4-Dinitrophenol
Concen: 37.270 ng
RT: 14.54 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Instrument :
BNA_M
ClientSampleId :
PB116034BS

Tgt Ion:184 Resp: 172099
Ion Ratio Lower Upper
184 100
63 61.8 55.9 83.9
154 60.9 54.2 81.4

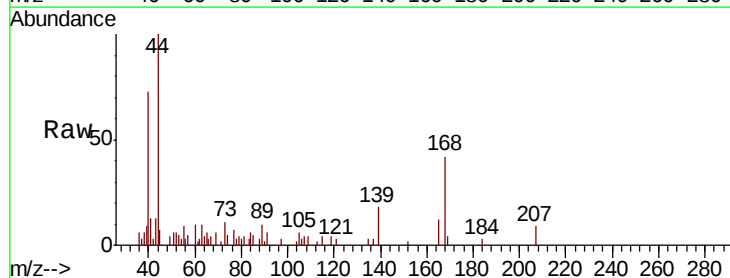


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

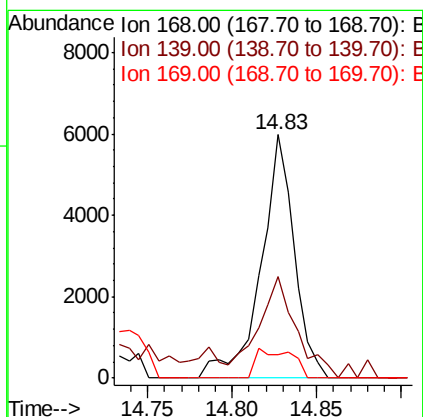
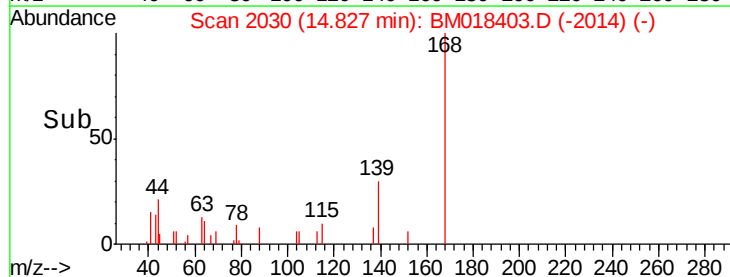


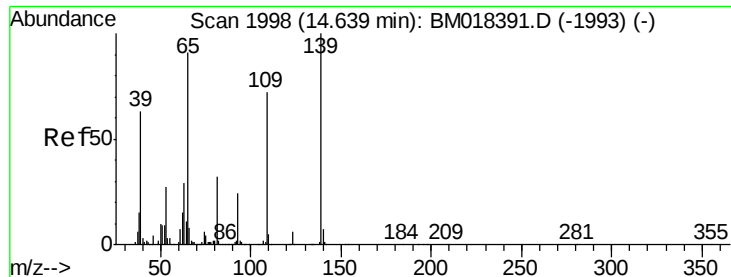
#55
Dibenzofuran
Concen: 0.076 ng
RT: 14.83 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:168 Resp: 8141
Ion Ratio Lower Upper
168 100
139 41.6 30.3 45.5
169 9.5 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

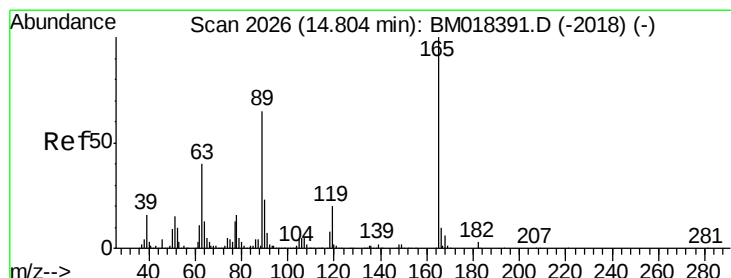
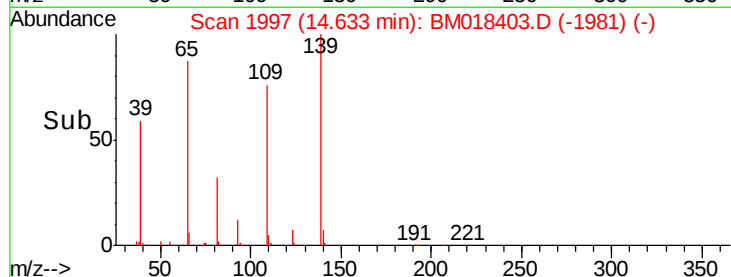
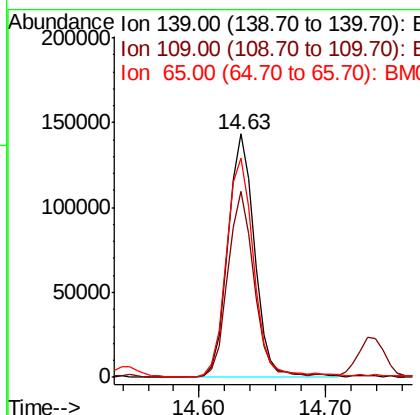
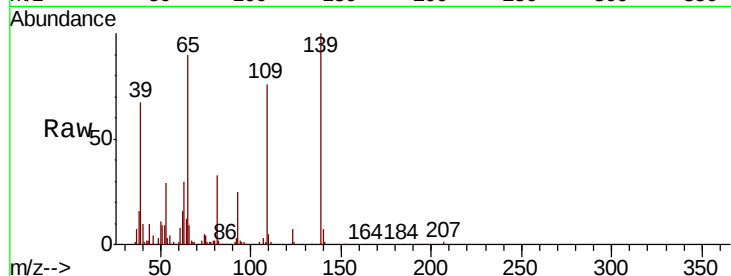




#56
4-Nitrophenol
Concen: 16.438 ng
RT: 14.63 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

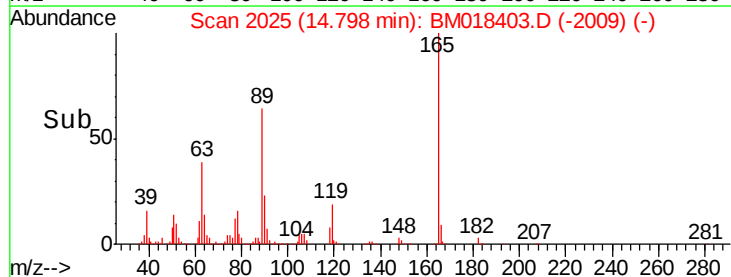
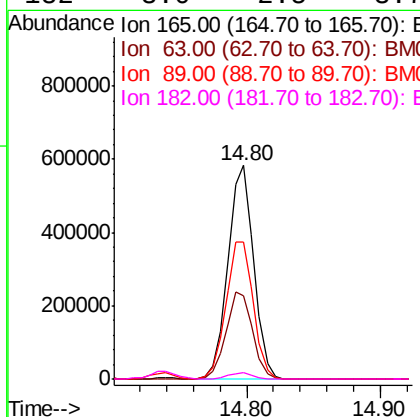
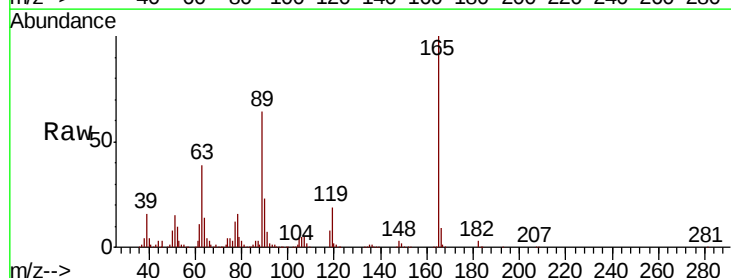
Instrument :
BNA_M
ClientSampleId :
PB116034BS

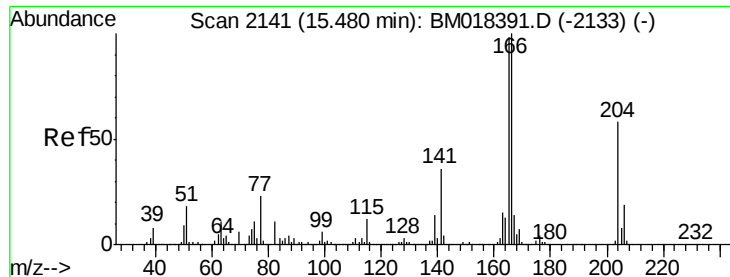
Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.4	51.7	91.7
65	90.3	71.4	111.4



#57
2,4-Dinitrotoluene
Concen: 31.013 ng
RT: 14.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	32.2	48.2
89	64.2	52.1	78.1
182	3.0	2.5	3.7





#58

Fluorene

Concen: 27.842 ng

RT: 15.48 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

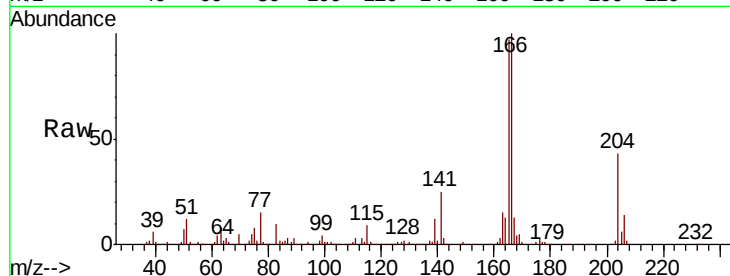
Tgt Ion:166 Resp: 2309949

Ion Ratio Lower Upper

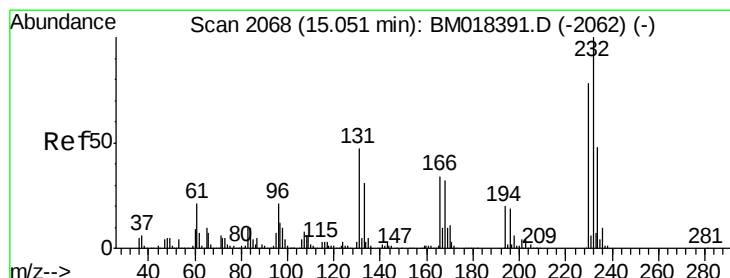
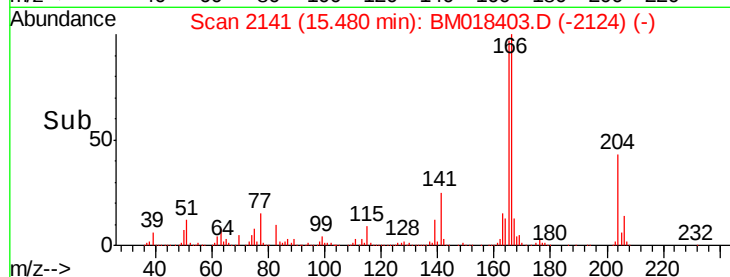
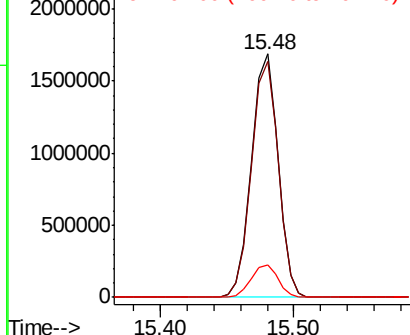
166 100

165 96.7 78.3 117.5

167 13.3 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: 29.930 ng

RT: 15.04 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Tgt Ion:232 Resp: 575032

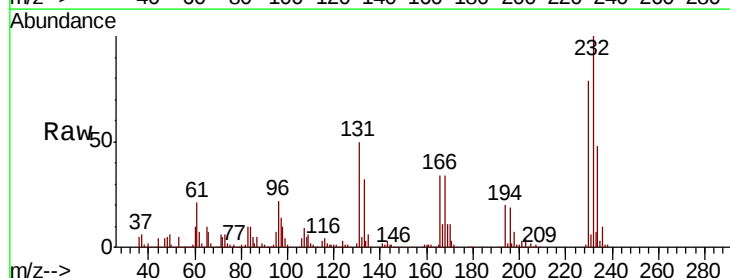
Ion Ratio Lower Upper

232 100

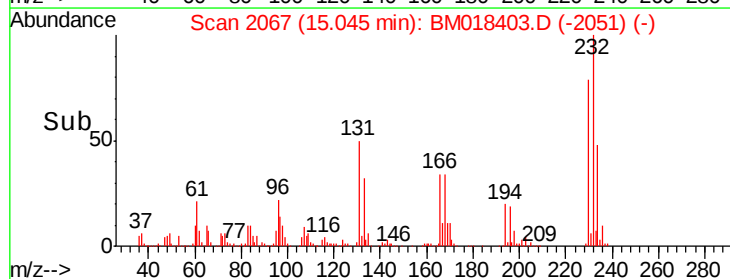
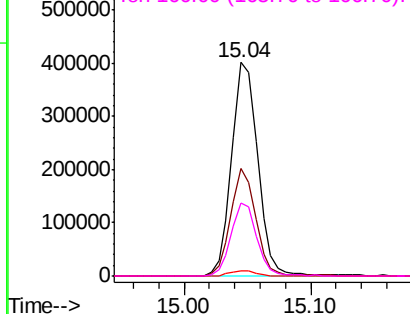
131 48.2 38.6 57.8

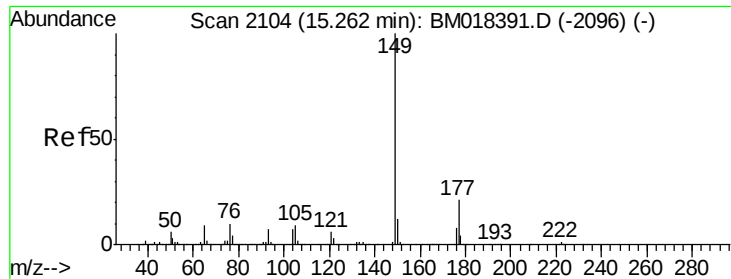
130 2.6 2.2 3.4

166 33.7 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

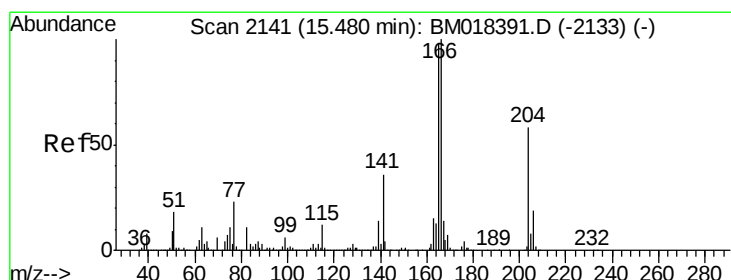
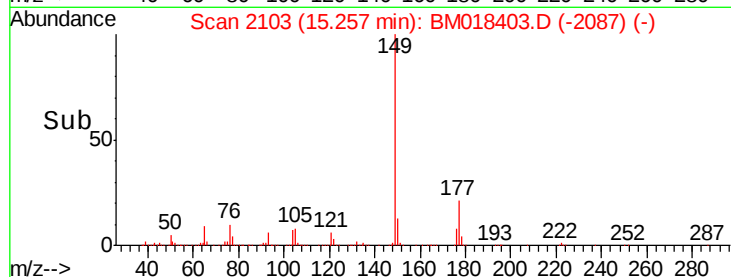
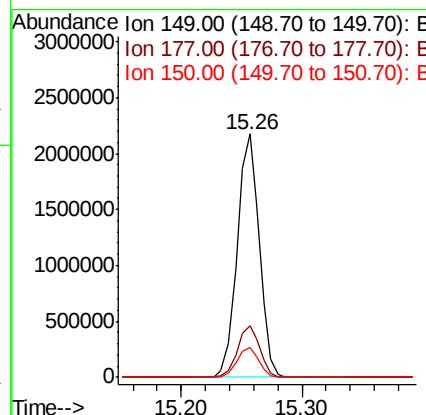
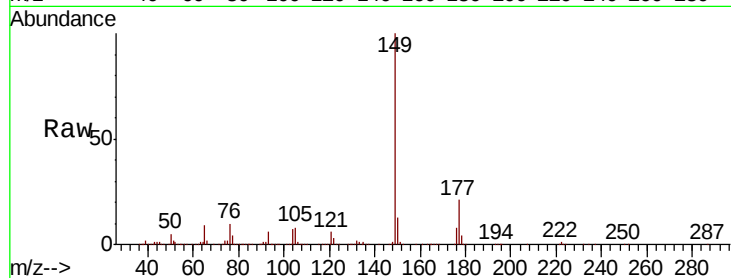




#60
Diethylphthalate
Concen: 29.498 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

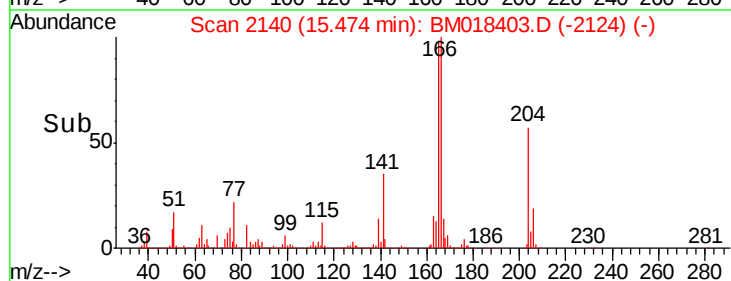
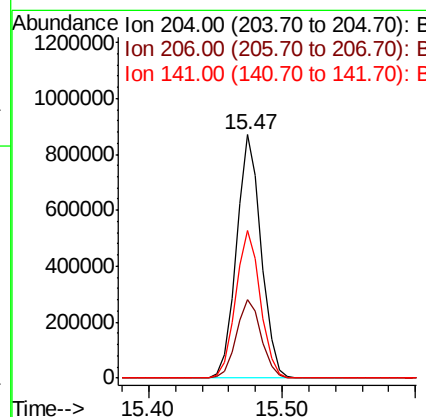
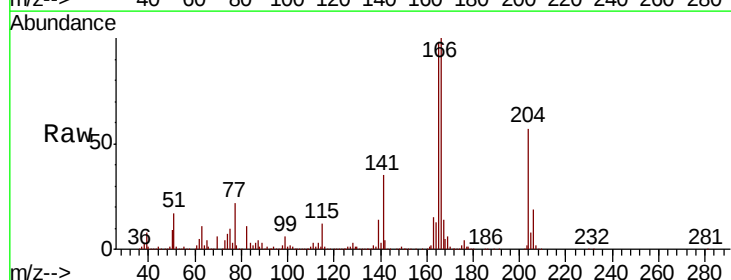
Instrument :
BNA_M
ClientSampleId :
PB116034BS

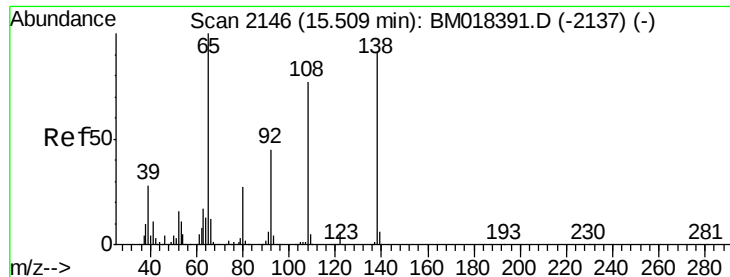
Tgt Ion:149 Resp: 2759523
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.5 9.8 14.6



#61
4-Chlorophenyl-phenylether
Concen: 24.502 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:204 Resp: 1116887
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 60.6 49.5 74.3

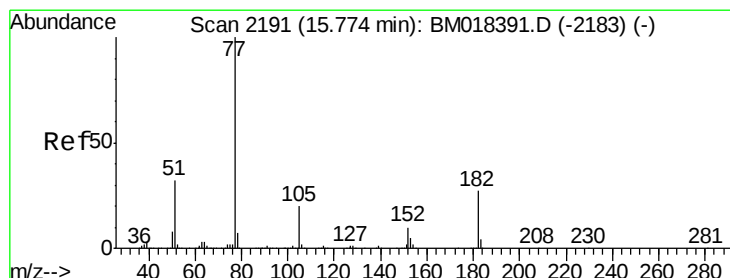
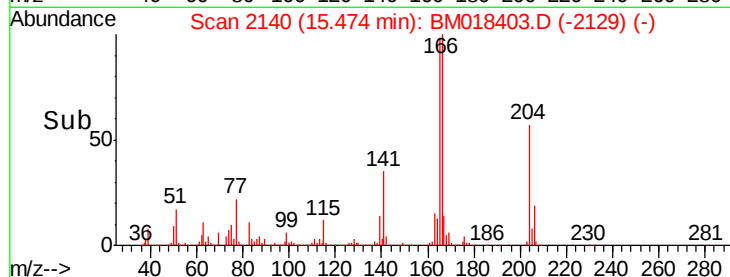
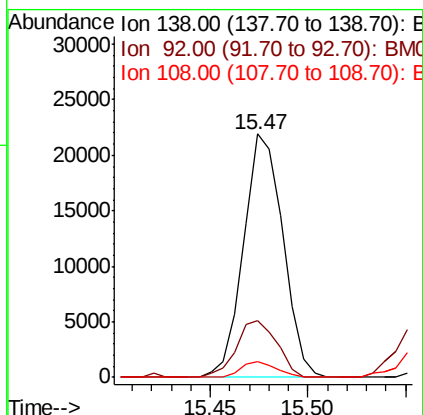
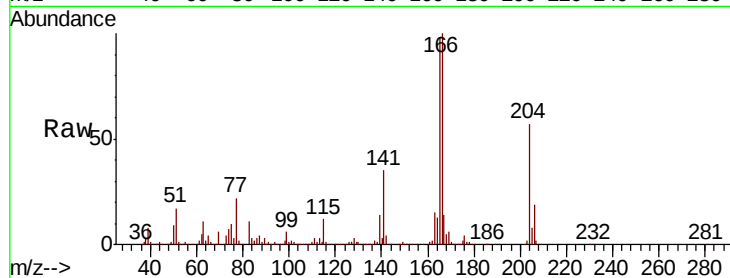




#62
4-Nitroaniline
Concen: 1.379 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.04 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

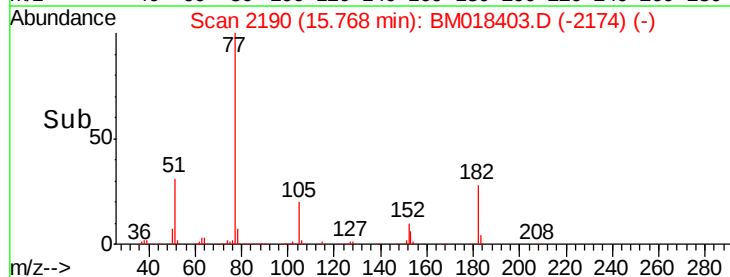
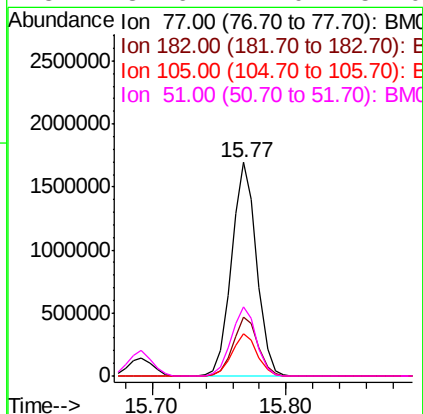
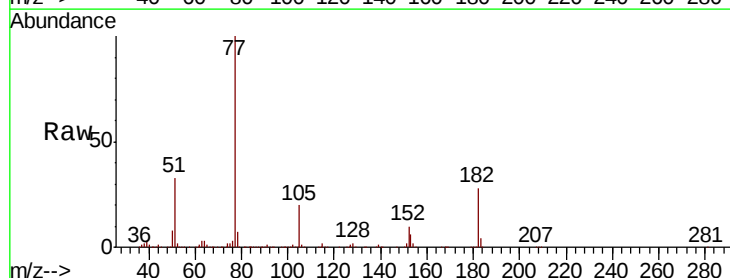
Instrument :
BNA_M
ClientSampleId :
PB116034BS

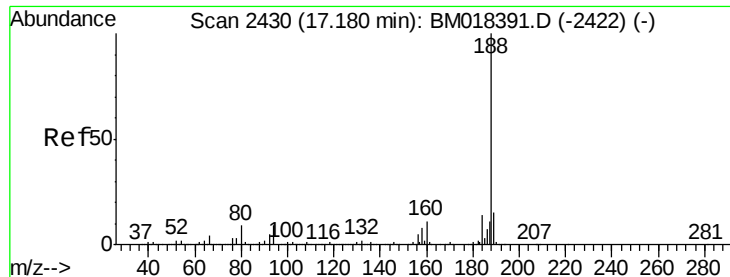
Tgt Ion: 138 Resp: 30651
Ion Ratio Lower Upper
138 100
92 23.2 29.0 69.0#
108 6.4 63.9 103.9#



#63
Azobenzene
Concen: 25.767 ng
RT: 15.77 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion: 77 Resp: 2196992
Ion Ratio Lower Upper
77 100
182 27.6 7.4 47.4
105 19.9 0.0 39.6
51 32.6 12.0 52.0

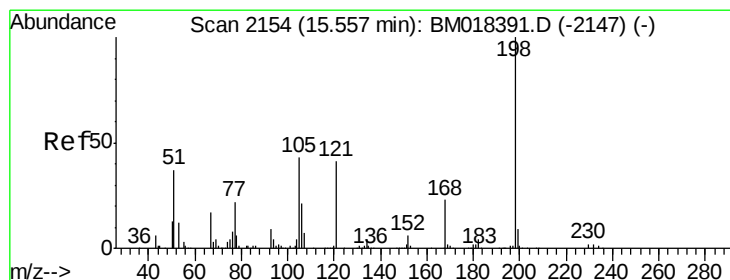
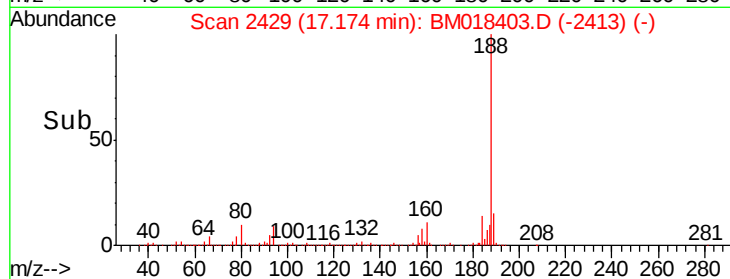
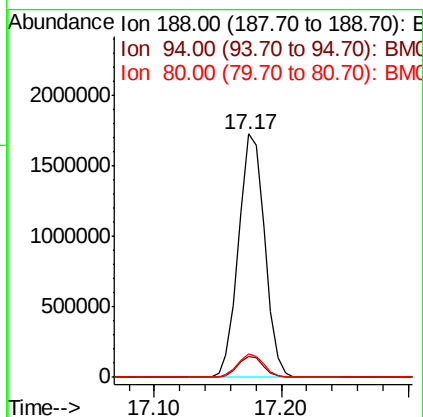
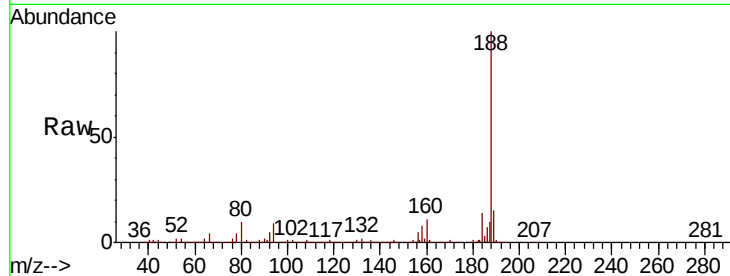




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

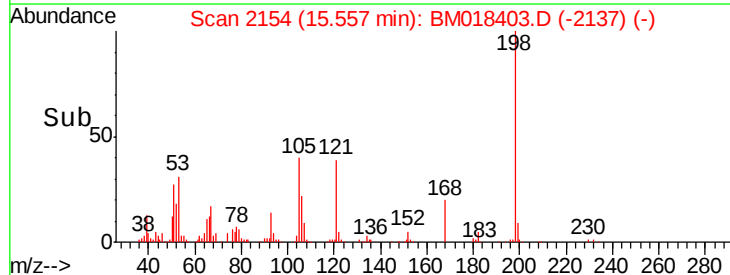
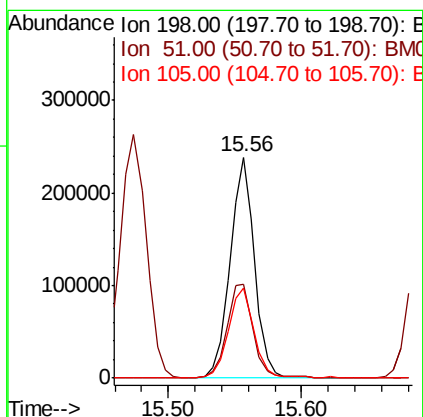
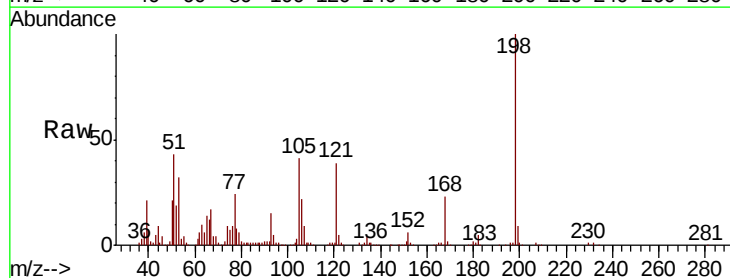
Instrument :
BNA_M
ClientSampleId :
PB116034BS

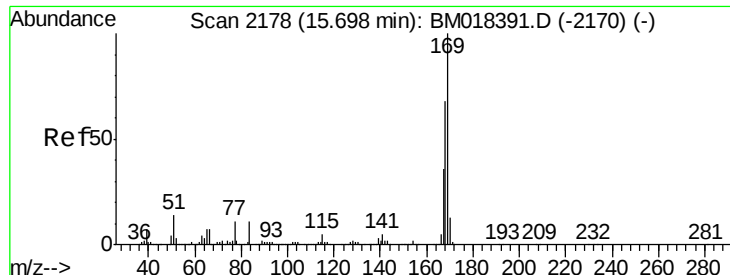
Tgt Ion:188 Resp: 2463193
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.7 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 33.730 ng
RT: 15.56 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:198 Resp: 305459
Ion Ratio Lower Upper
198 100
51 42.6 29.6 69.6
105 40.7 25.5 65.5

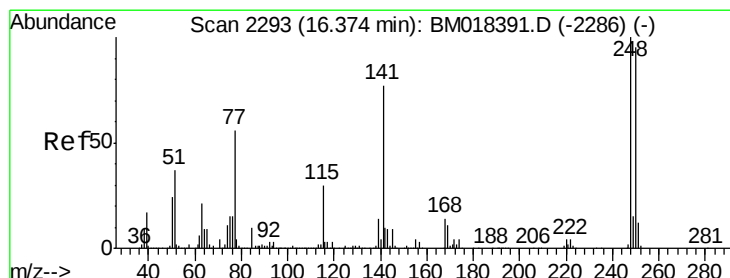
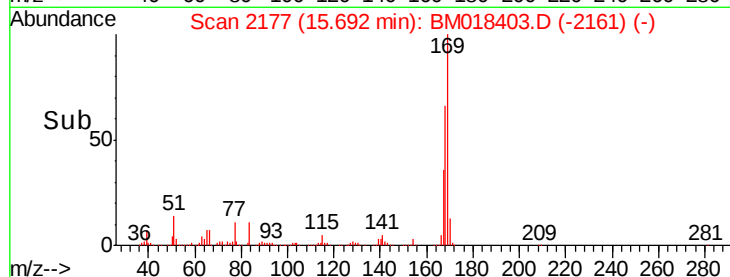
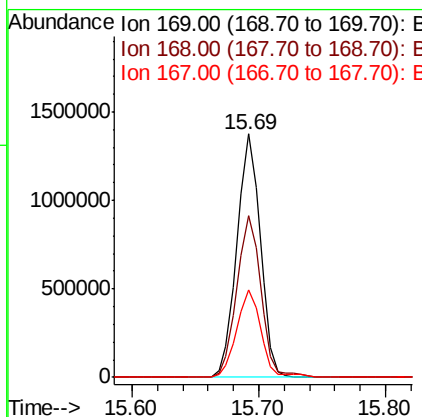
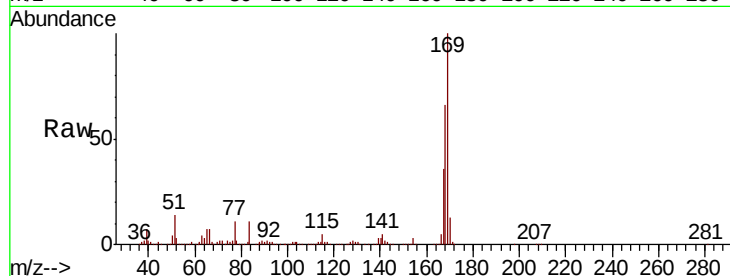




#66
 n-Nitrosodiphenylamine
 Concen: 22.857 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

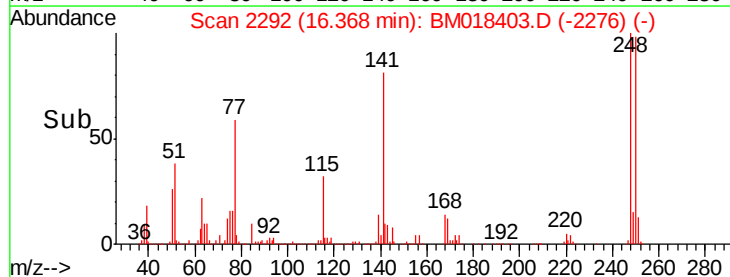
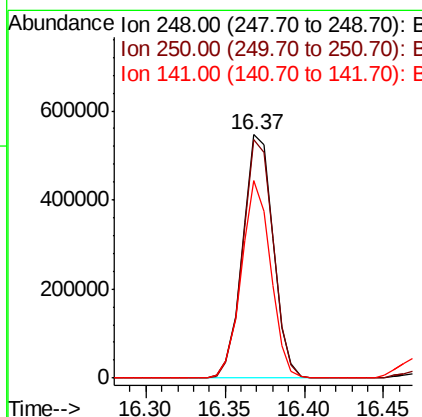
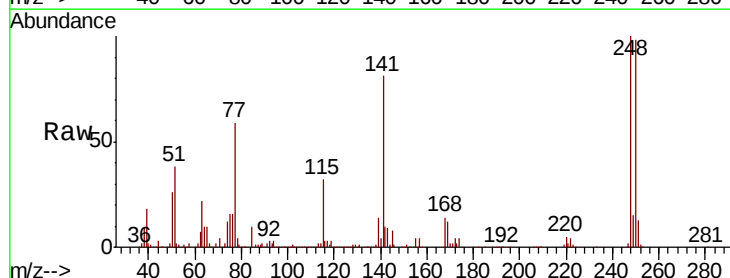
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

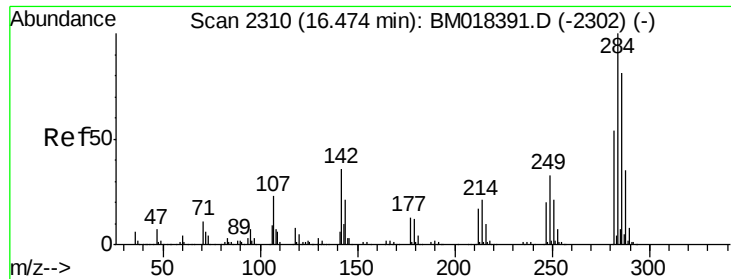
Tgt Ion:169 Resp: 1754706
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.1 81.1
 167 35.7 28.6 42.8



#67
 4-Bromophenyl-phenylether
 Concen: 27.227 ng
 RT: 16.37 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Tgt Ion:248 Resp: 730320
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.0 114.0
 141 81.2 61.5 92.3

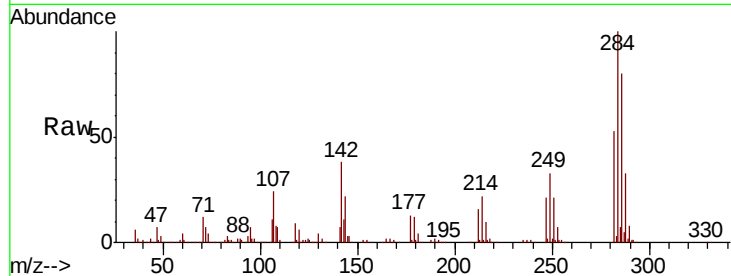




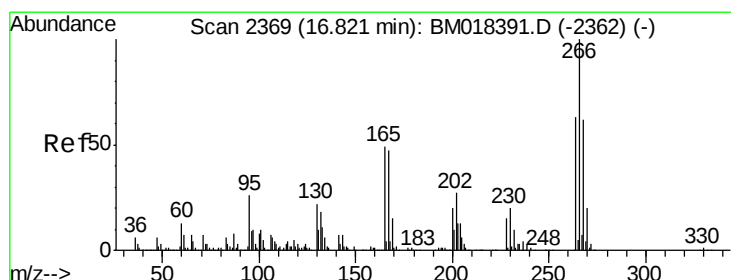
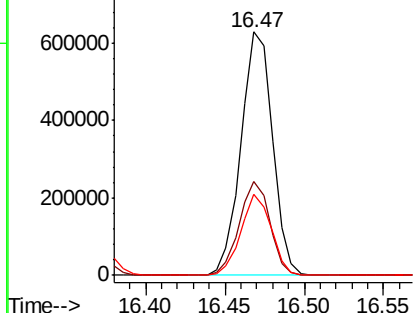
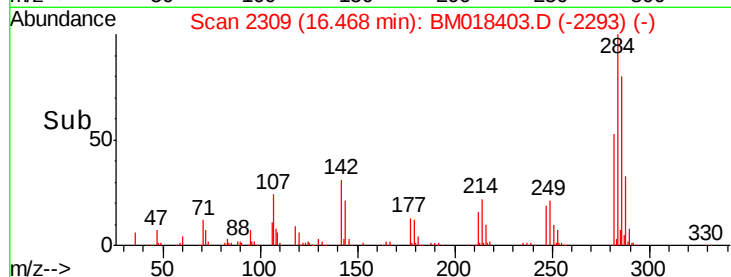
#68
Hexachlorobenzene
Concen: 28.570 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Instrument :
BNA_M
ClientSampleId :
PB116034BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	29.2	43.8
249	33.0	26.1	39.1

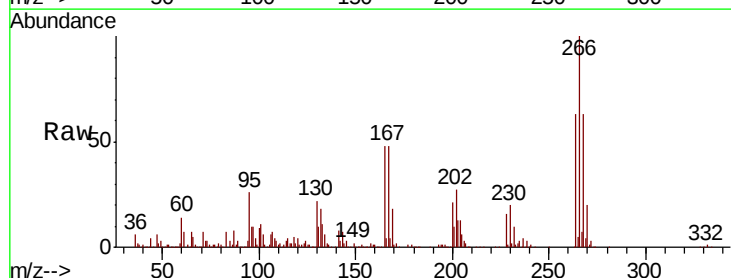


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

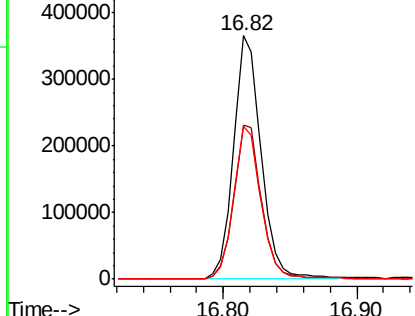
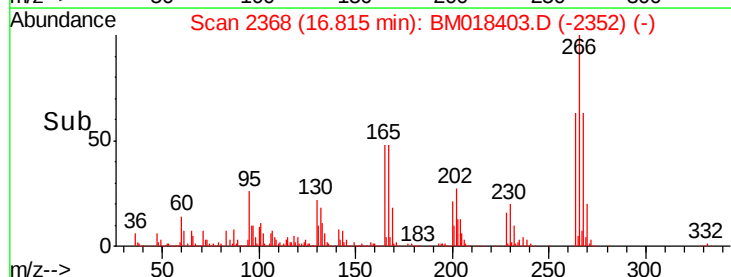


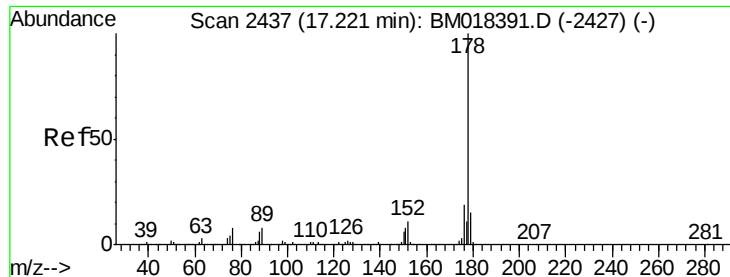
#70
Pentachlorophenol
Concen: 29.642 ng
RT: 16.82 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.8	74.6
264	62.8	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

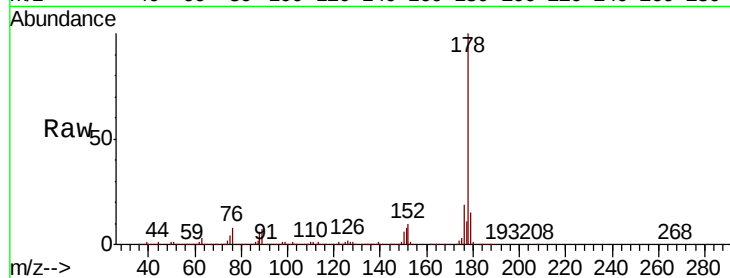




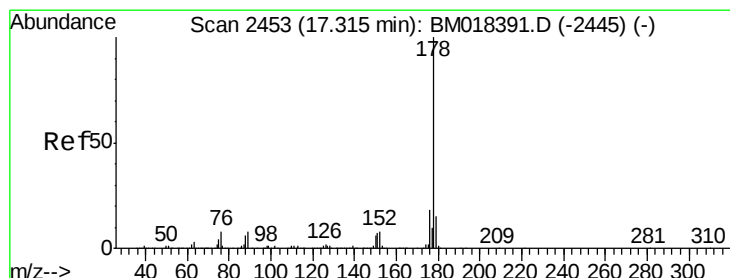
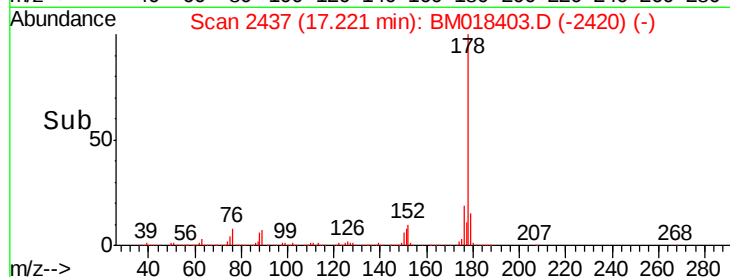
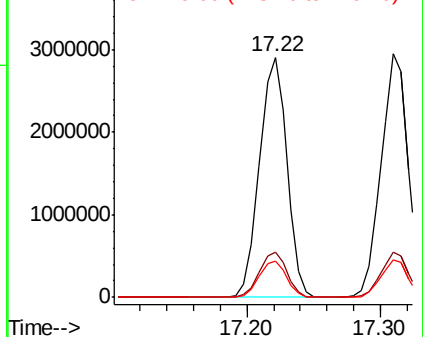
#71
Phenanthrene
Concen: 31.547 ng
RT: 17.22 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Instrument :
BNA_M
ClientSampleId :
PB116034BS

Tgt Ion:178 Resp: 4113440
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.2 18.4

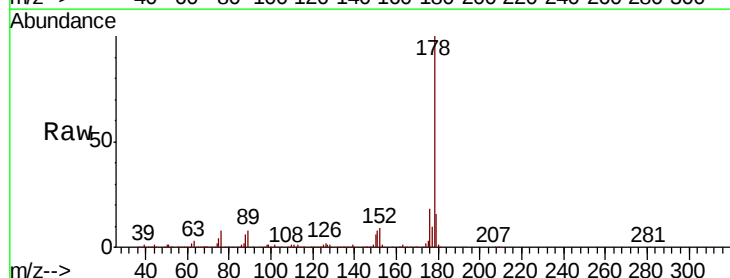


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

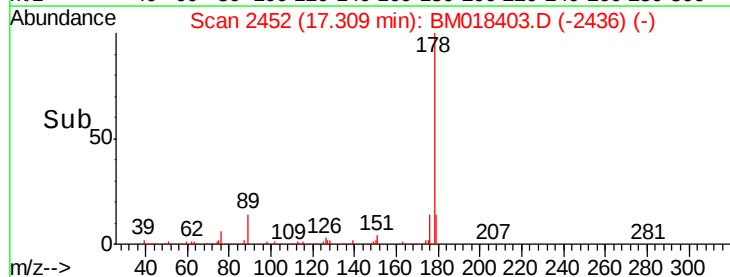
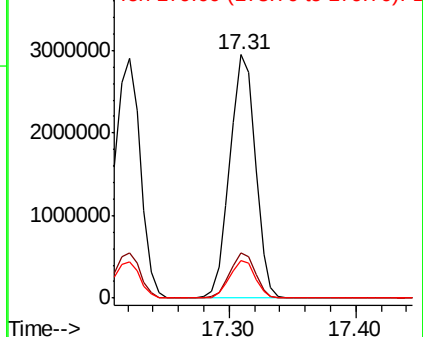


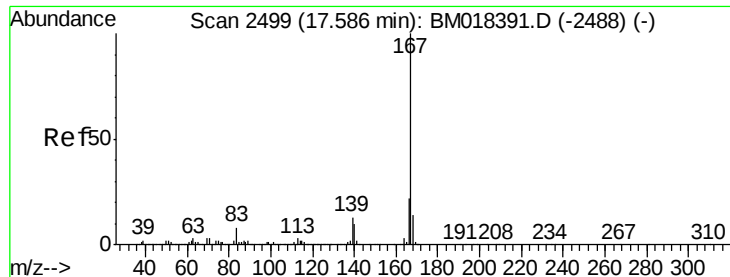
#72
Anthracene
Concen: 31.537 ng
RT: 17.31 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:178 Resp: 4096507
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.6 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: 30.954 ng

RT: 17.59 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

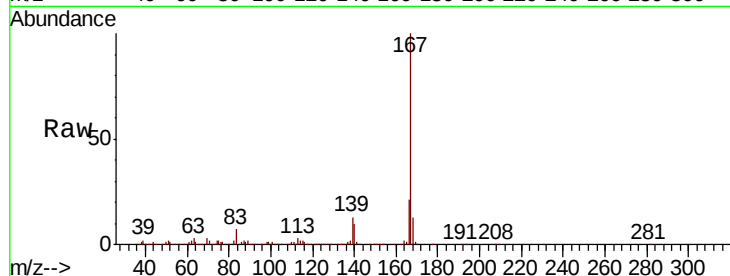
Tgt Ion:167 Resp: 4222624

Ion Ratio Lower Upper

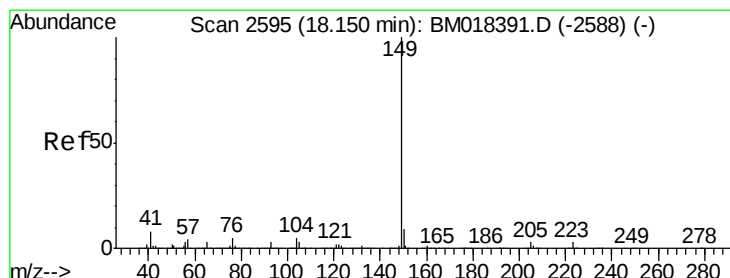
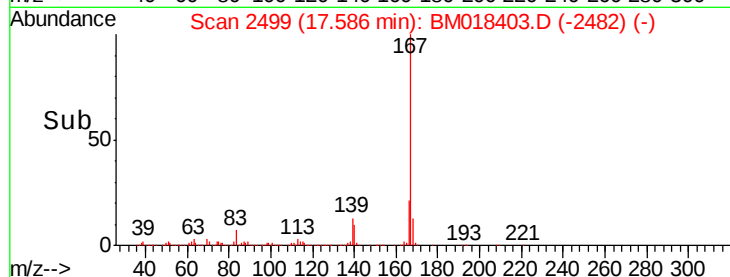
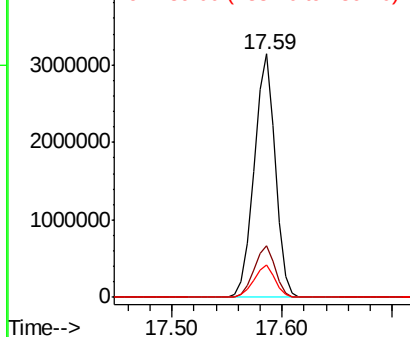
167 100

166 21.1 17.4 26.2

139 13.1 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: 33.703 ng

RT: 18.15 min Scan# 2595

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

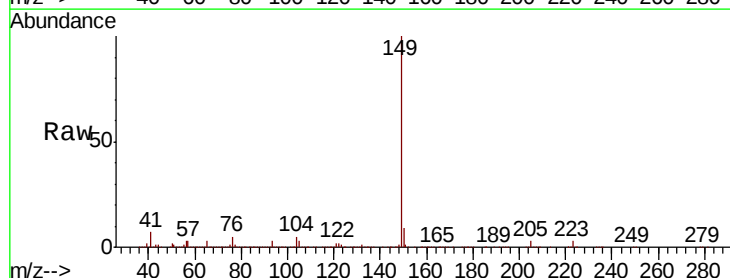
Tgt Ion:149 Resp: 5225473

Ion Ratio Lower Upper

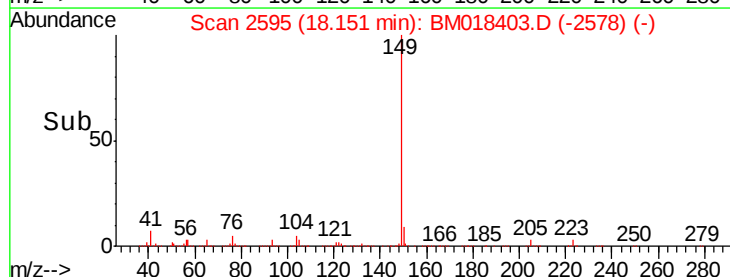
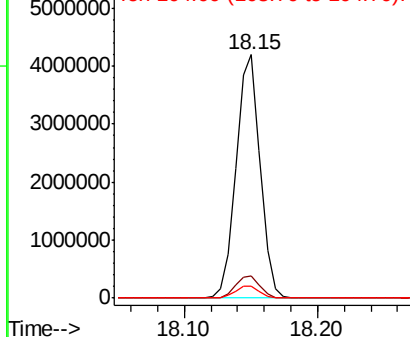
149 100

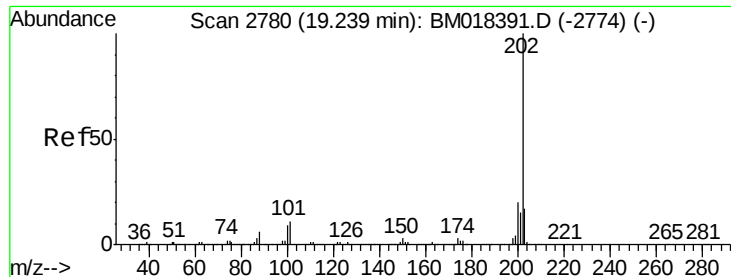
150 9.0 7.3 10.9

104 4.9 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: 32.866 ng

RT: 19.24 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

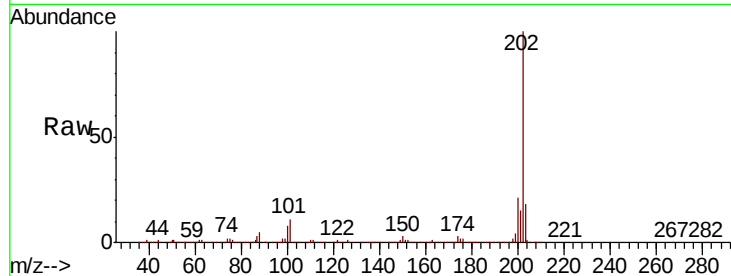
Tgt Ion:202 Resp: 5075162

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.9

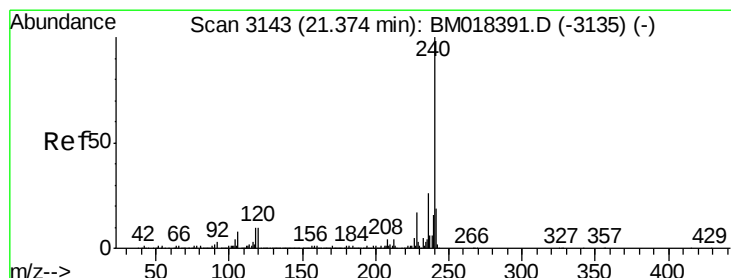
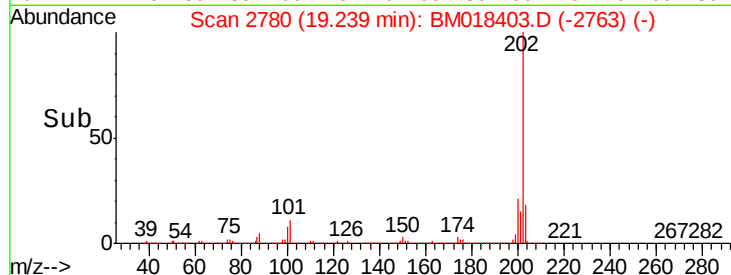
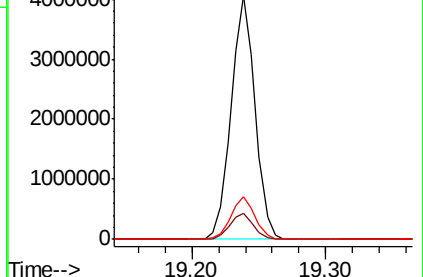
203 17.7 0.0 37.4



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# 3143

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

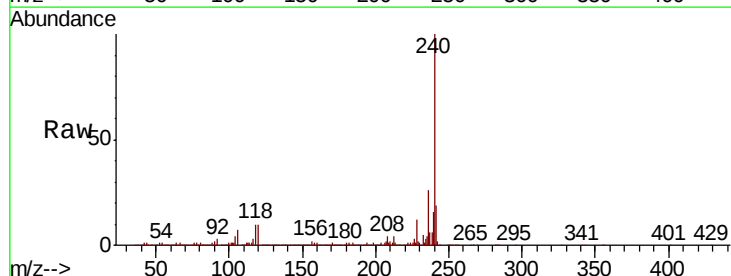
Tgt Ion:240 Resp: 2646843

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

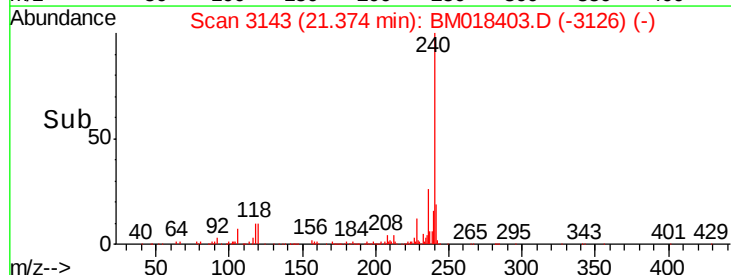
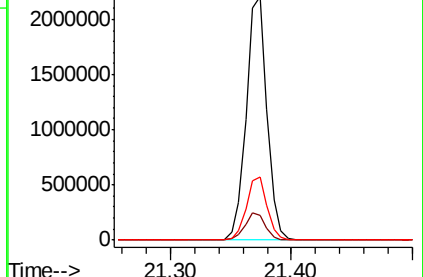
236 26.2 20.7 31.1

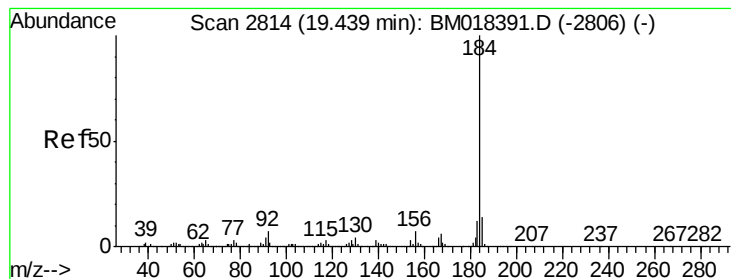


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.976 ng

RT: 19.43 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

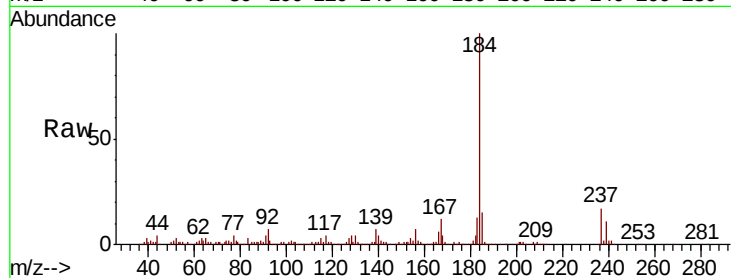
Tgt Ion:184 Resp: 754769

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.0

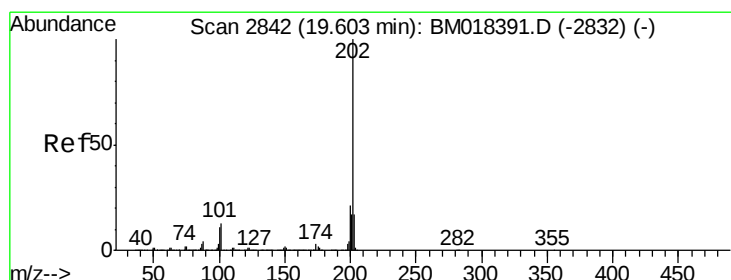
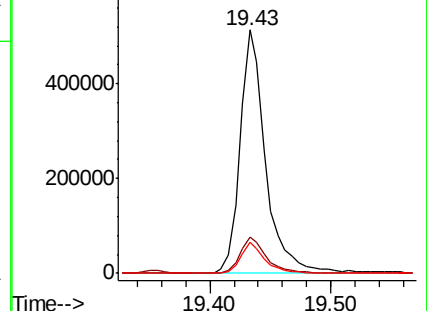
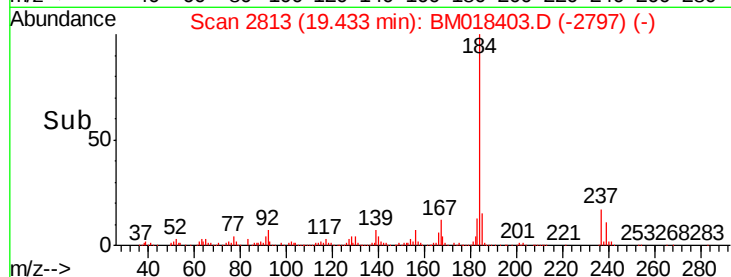
183 12.6 9.5 14.3



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: 34.741 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

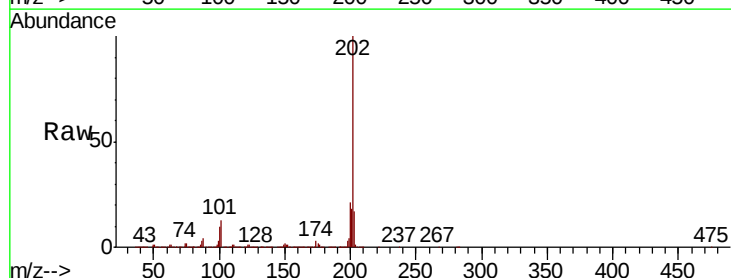
Tgt Ion:202 Resp: 5337507

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

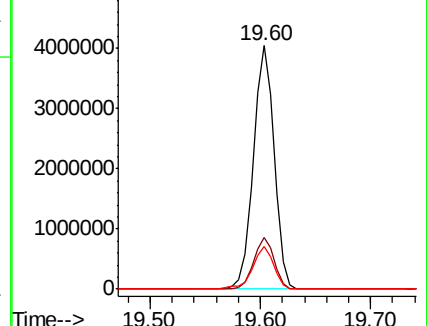
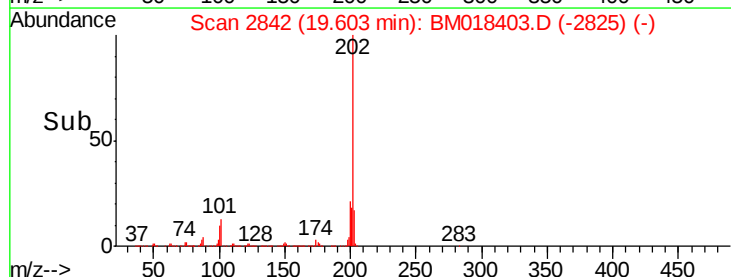
203 17.5 13.8 20.8

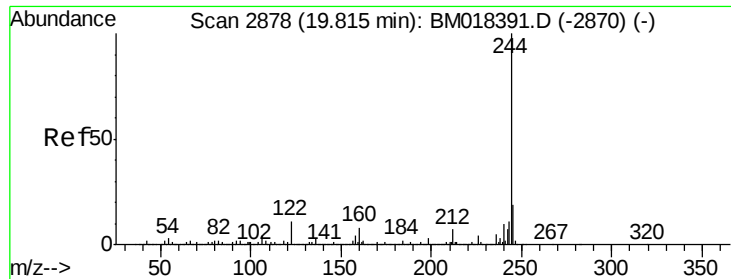


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.451 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

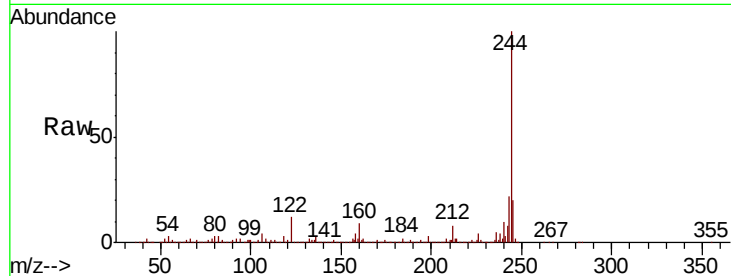
Tgt Ion:244 Resp: 8005702

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

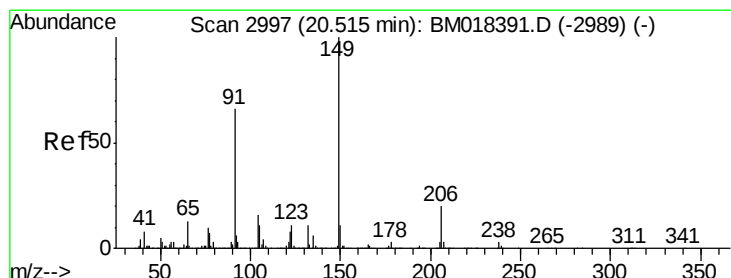
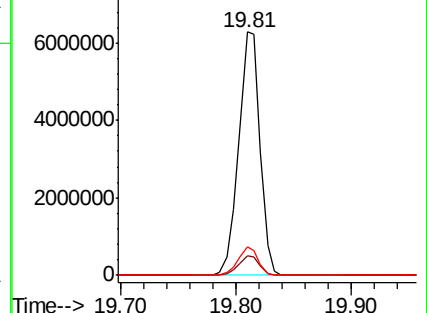
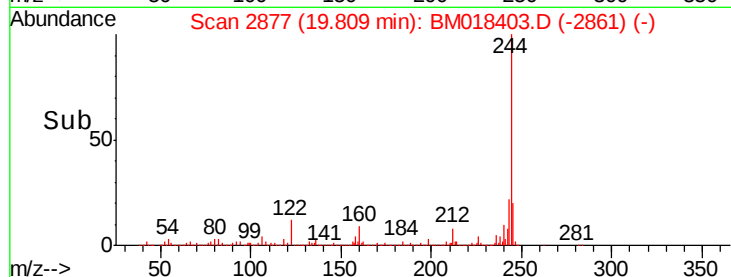
122 11.8 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.854 ng

RT: 20.51 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

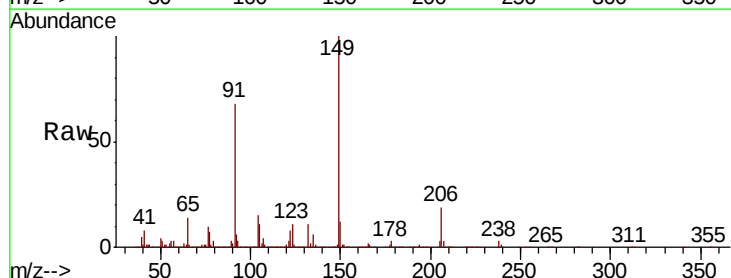
Tgt Ion:149 Resp: 2362267

Ion Ratio Lower Upper

149 100

91 67.9 53.1 79.7

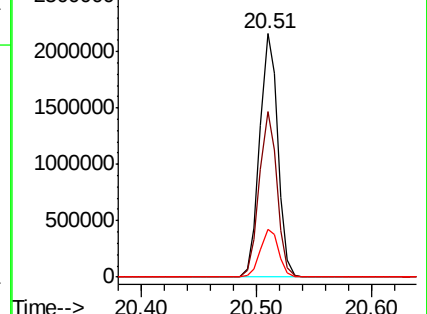
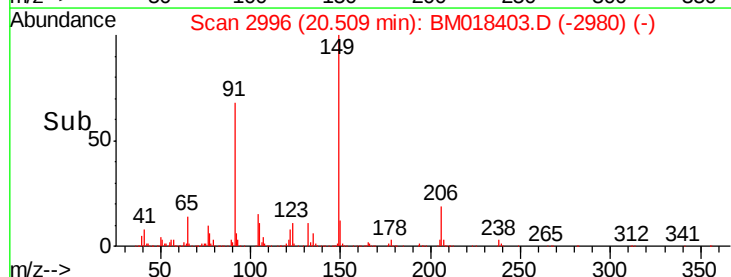
206 19.5 16.2 24.4

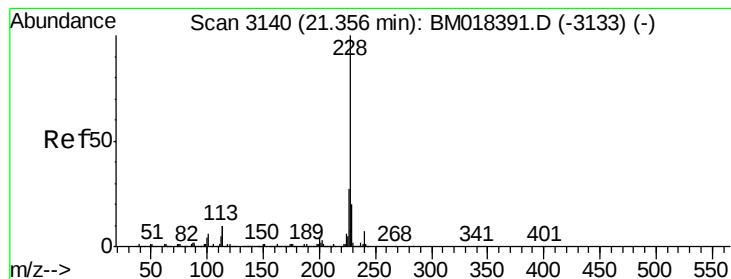


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.030 ng

RT: 21.36 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampled :

PB116034BS

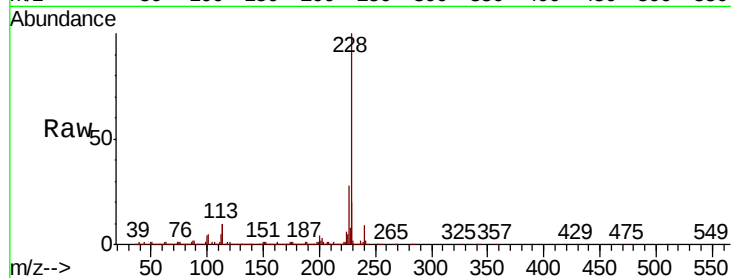
Tgt Ion:228 Resp: 5134867

Ion Ratio Lower Upper

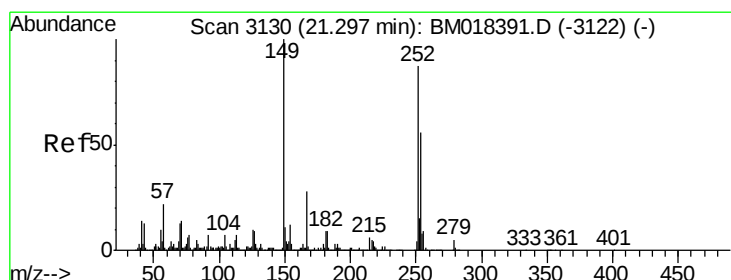
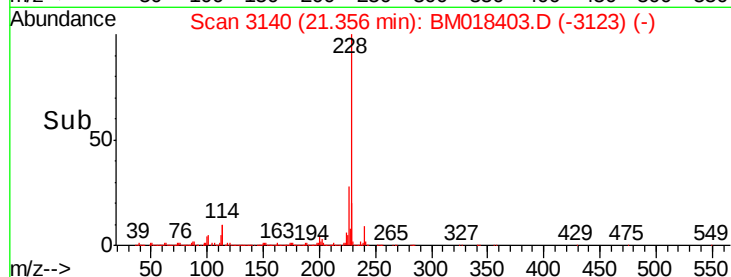
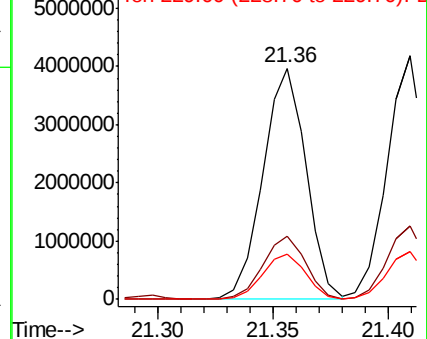
228 100

226 27.6 21.8 32.6

229 19.8 15.8 23.8



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



#82

3,3'-Dichlorobenzidine

Concen: 70.839 ng

RT: 21.30 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

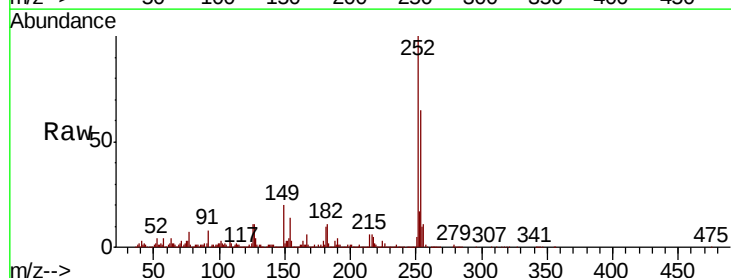
Tgt Ion:252 Resp: 4230938

Ion Ratio Lower Upper

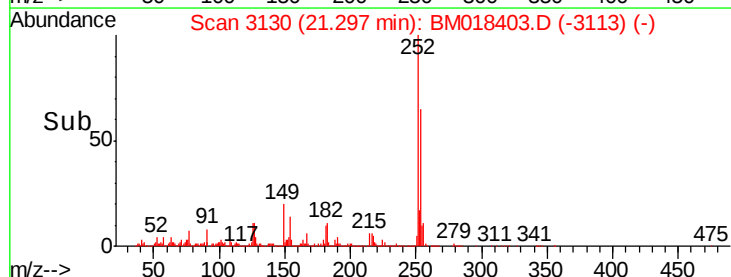
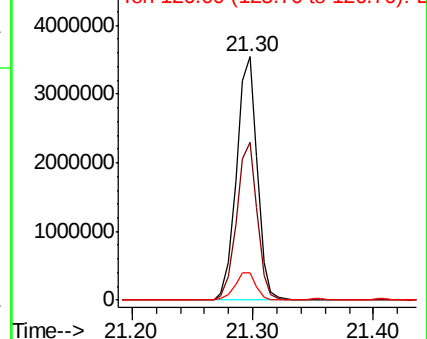
252 100

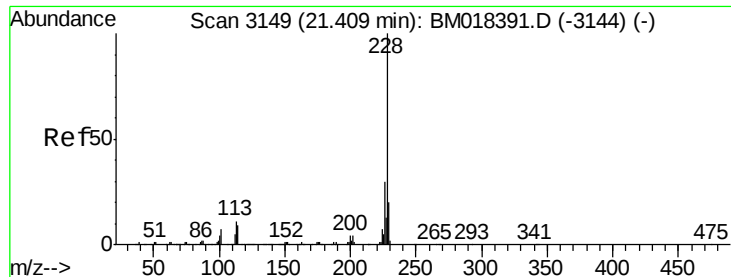
254 64.9 51.4 77.0

126 11.0 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: 33.167 ng

RT: 21.41 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

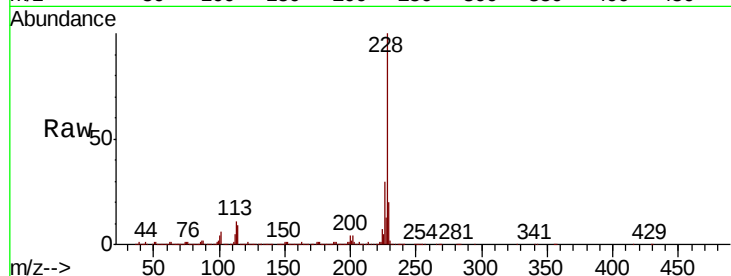
Tgt Ion:228 Resp: 4974483

Ion Ratio Lower Upper

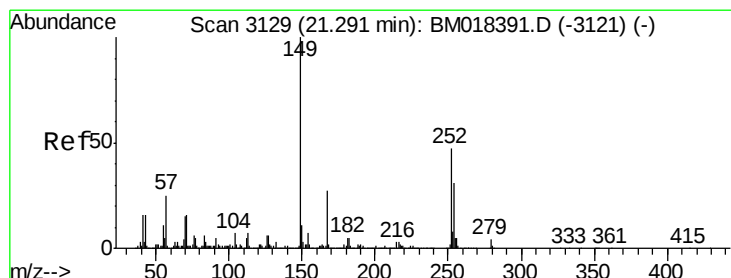
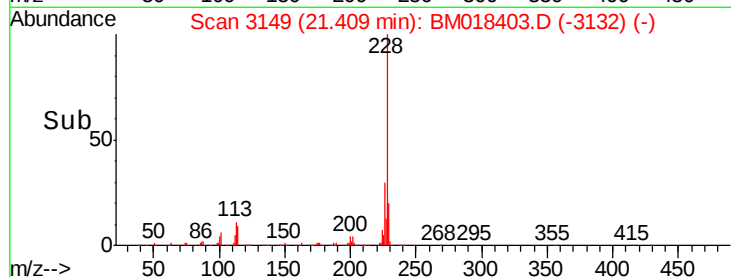
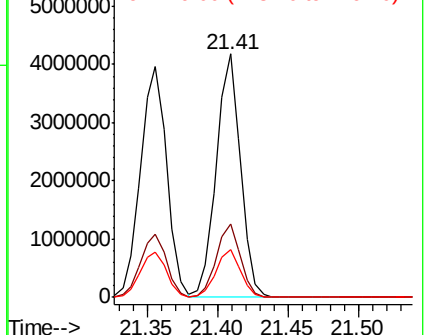
228 100

226 30.2 24.2 36.2

229 19.7 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: 32.207 ng

RT: 21.29 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

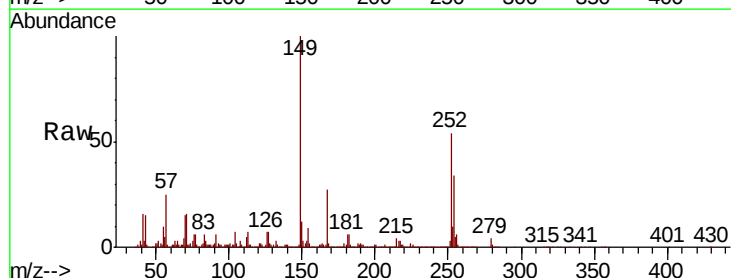
Tgt Ion:149 Resp: 3335660

Ion Ratio Lower Upper

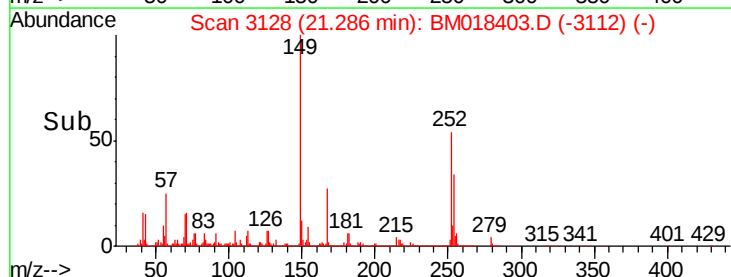
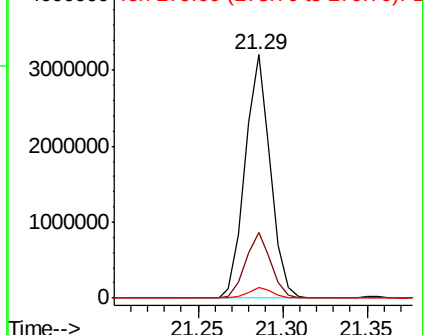
149 100

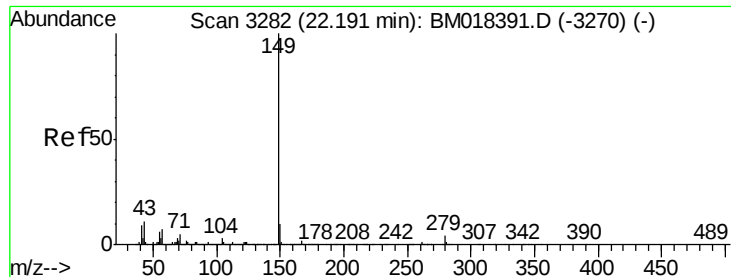
167 26.9 21.6 32.4

279 4.1 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: 32.436 ng

RT: 22.19 min Scan# 3281

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

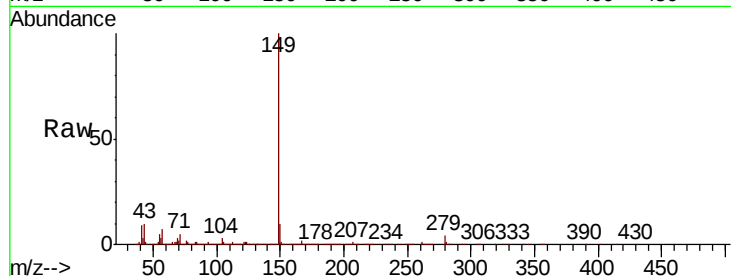
Tgt Ion:149 Resp: 5552842

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

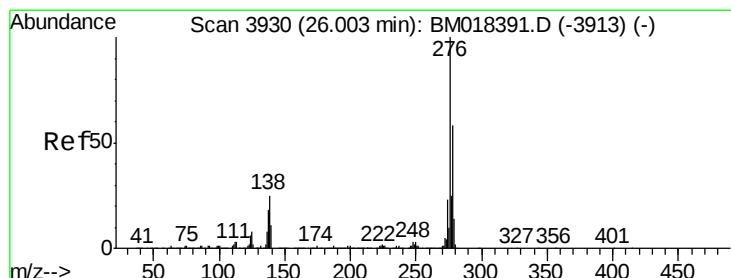
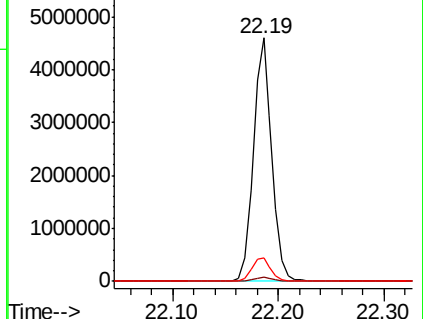
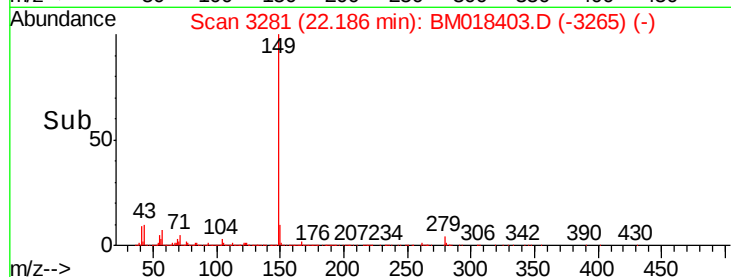
43 10.2 8.6 12.8



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: 28.795 ng

RT: 26.00 min Scan# 3929

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

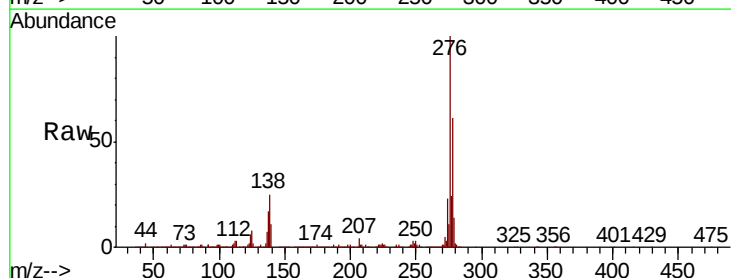
Tgt Ion:276 Resp: 5345929

Ion Ratio Lower Upper

276 100

138 26.1 21.5 32.3

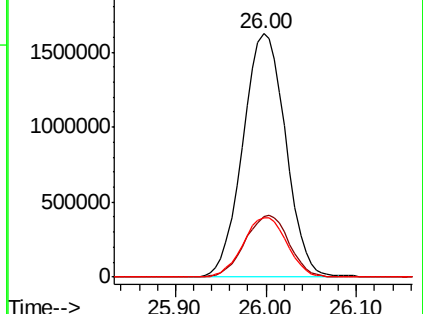
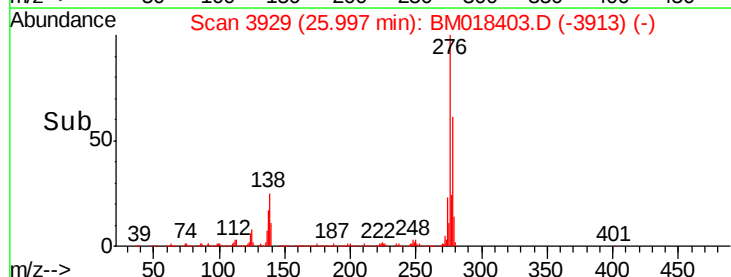
277 25.2 20.2 30.2

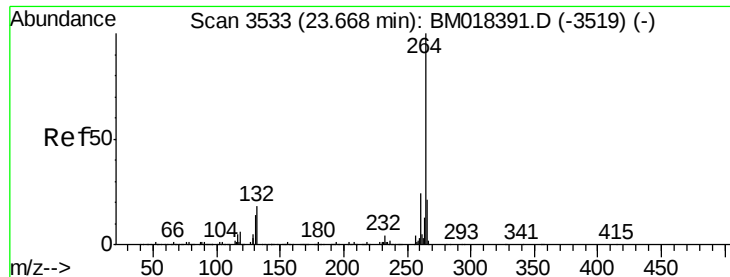


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

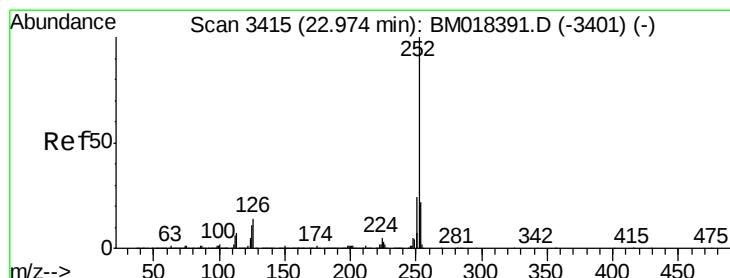
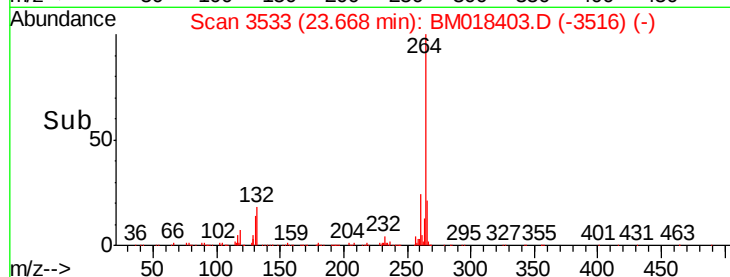
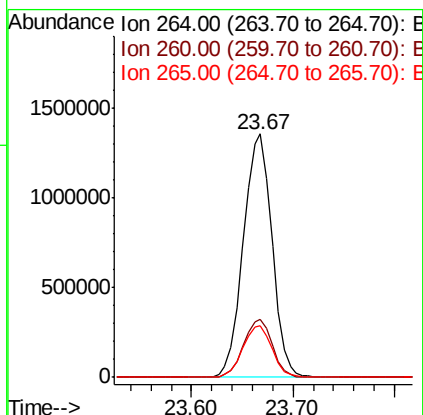
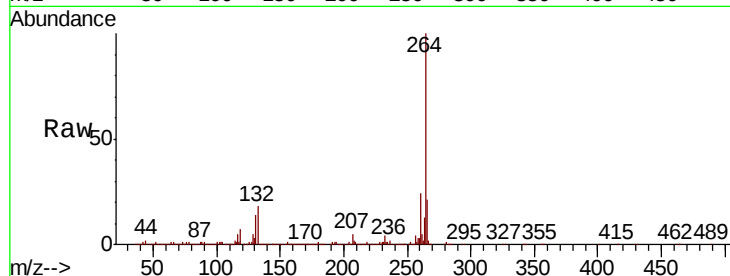




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

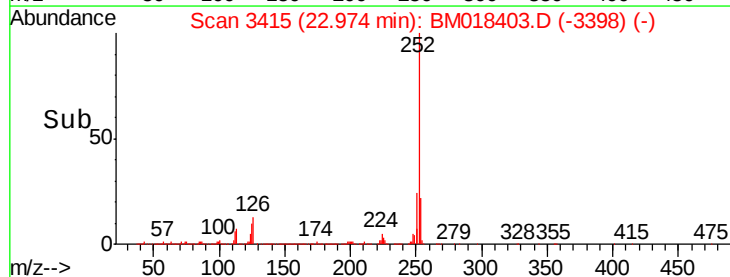
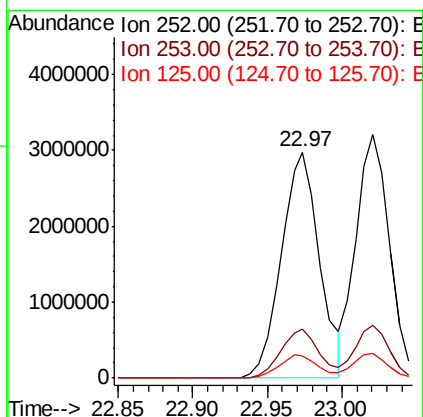
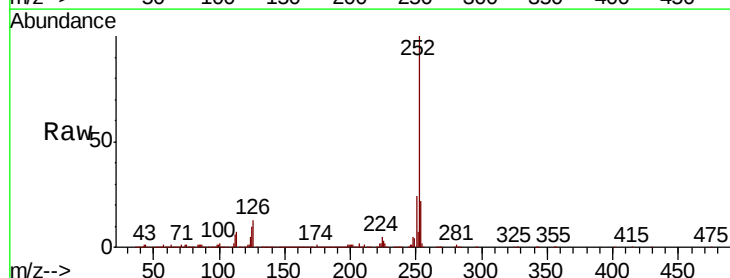
Instrument :
BNA_M
ClientSampleId :
PB116034BS

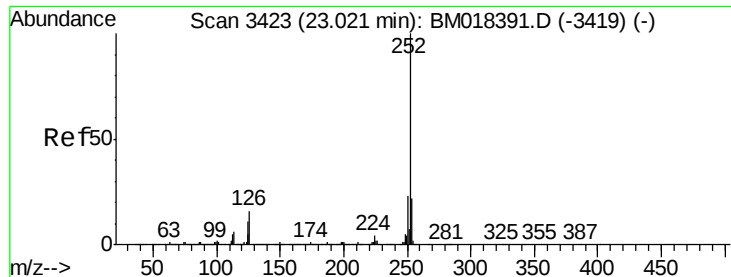
Tgt Ion:264 Resp: 2665675
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 21.3 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 35.671 ng
RT: 22.97 min Scan# 3415
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:252 Resp: 5303685
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 10.0 8.5 12.7

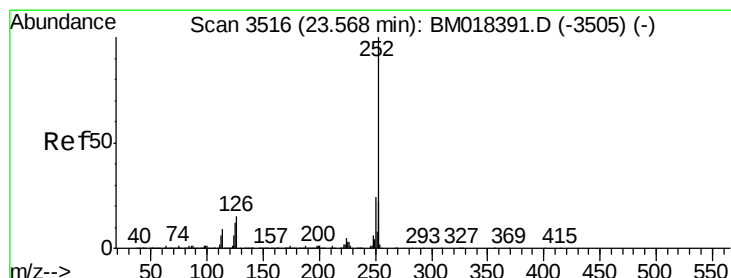
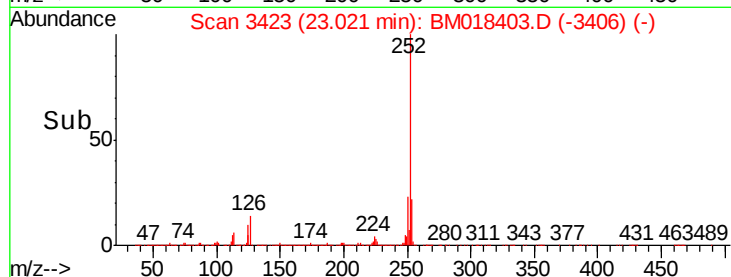
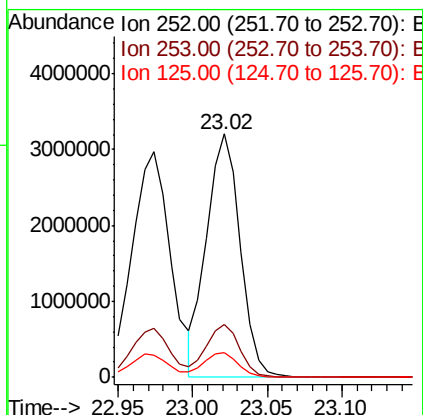
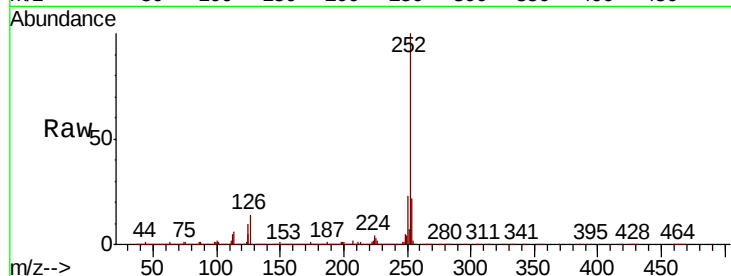




#89
Benzo(k)fluoranthene
Concen: 33.648 ng
RT: 23.02 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

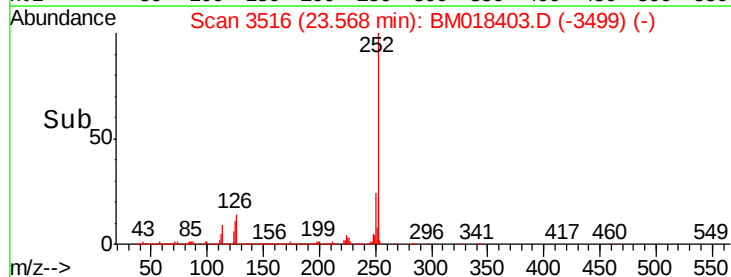
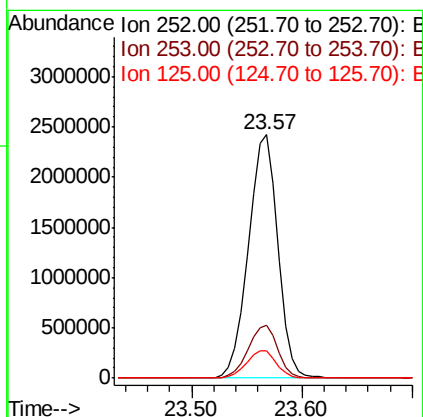
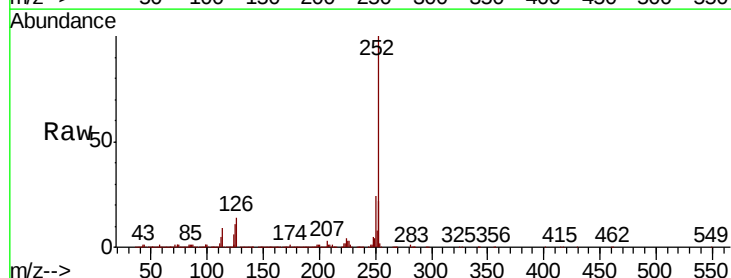
Instrument :
BNA_M
ClientSampleId :
PB116034BS

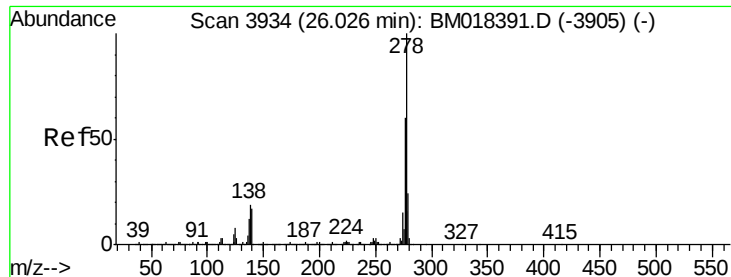
Tgt Ion:252 Resp: 5003725
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.3 8.6 12.8



#90
Benzo(a)pyrene
Concen: 31.801 ng
RT: 23.57 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Tgt Ion:252 Resp: 4542059
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.0 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 31.161 ng

RT: 26.01 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

Instrument :

BNA_M

ClientSampleId :

PB116034BS

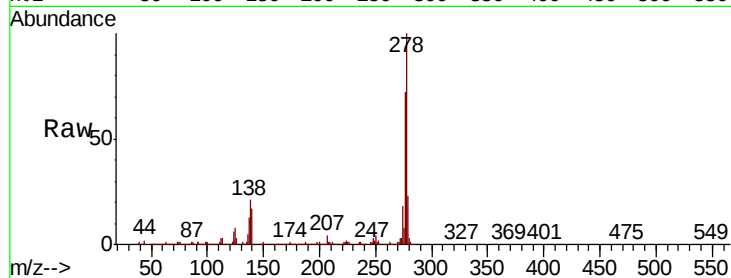
Tgt Ion:278 Resp: 4634896

Ion Ratio Lower Upper

278 100

139 16.9 13.2 19.8

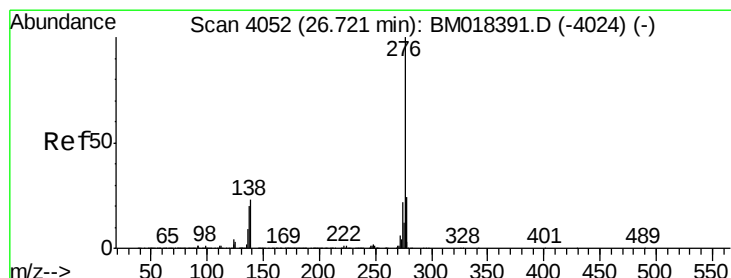
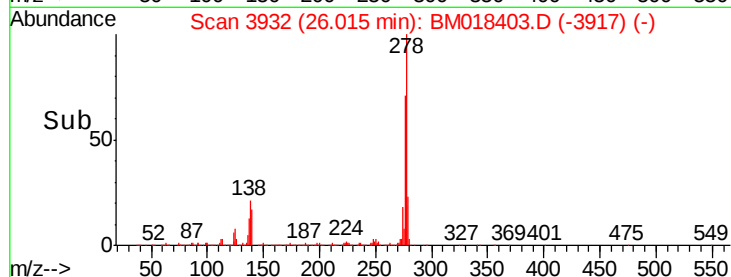
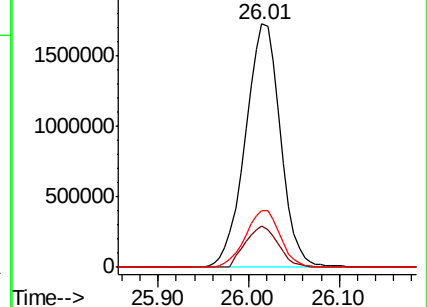
279 23.4 19.0 28.4



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: 28.431 ng

RT: 26.71 min Scan# 4051

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

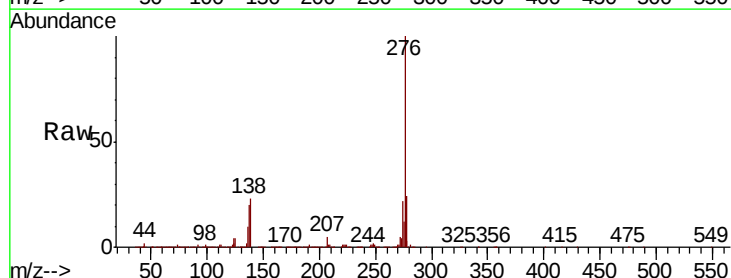
Tgt Ion:276 Resp: 4049080

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 22.7 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

