

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 05:45:21 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

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

						Qvalue
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
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
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
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
34) Hexachlorobutadiene	10.90	225	247659	13.349	ng	98
36) 4-Chloro-3-methylphenol	11.85	107	768977	27.199	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	620246	18.506	ng	99
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
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

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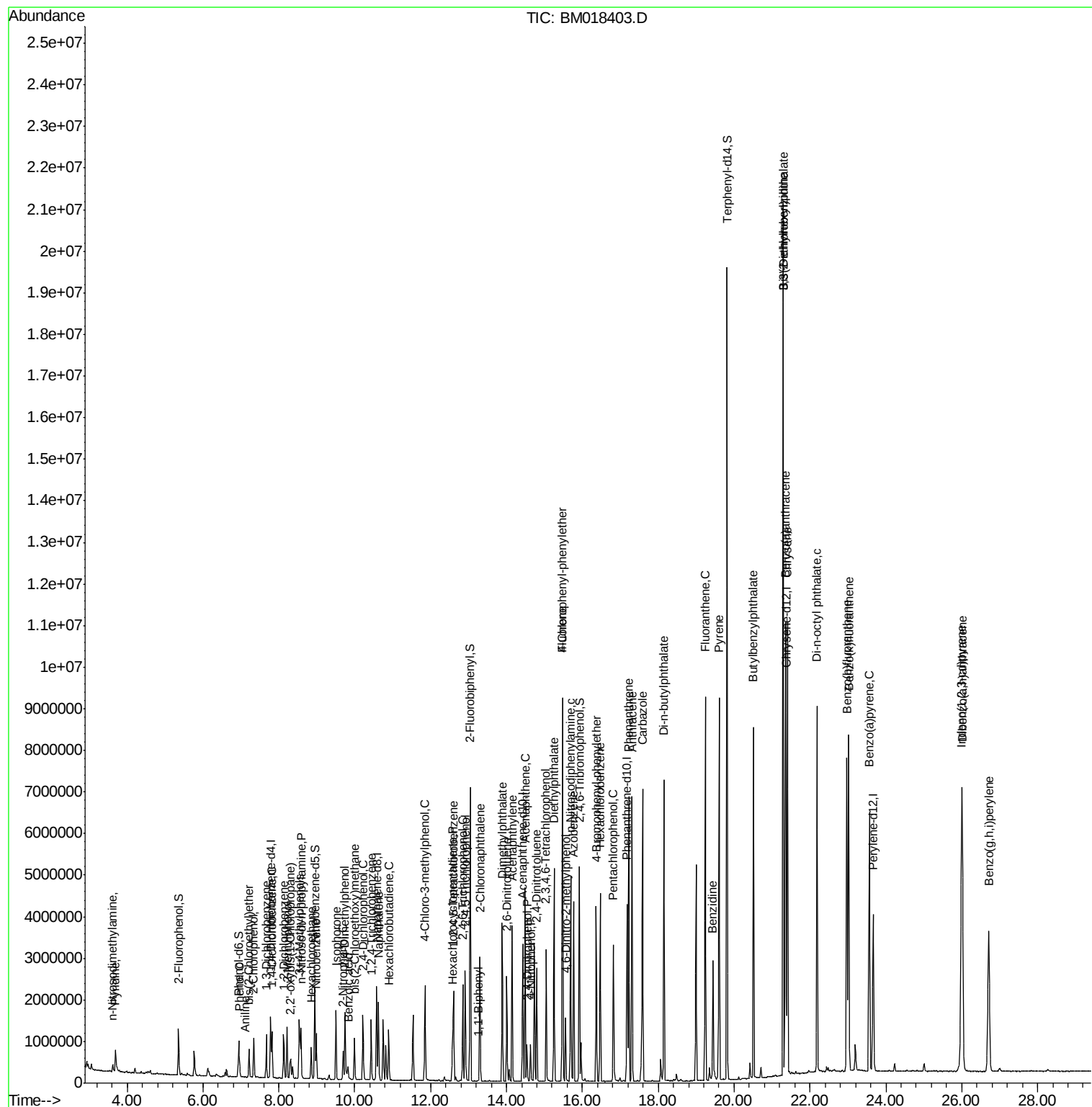
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.49	154	1578588	24.249	nq	98
54) 2,4-Dinitrophenol	14.54	184	172099	37.270	nq	91
56) 4-Nitrophenol	14.63	139	208544	16.438	nq	97
57) 2,4-Dinitrotoluene	14.80	165	787668	31.013	nq	99
58) Fluorene	15.48	166	2309949	27.842	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	575032	29.930	nq	100
60) Diethylphthalate	15.26	149	2759523	29.498	nq	99
61) 4-Chlorophenyl-phenylether	15.47	204	1116887	24.502	nq	99
63) Azobenzene	15.77	77	2196992	25.767	nq	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	305459	33.730	nq	91
66) n-Nitrosodiphenylamine	15.69	169	1754706	22.857	nq	99
67) 4-Bromophenyl-phenylether	16.37	248	730320	27.227	nq	96
68) Hexachlorobenzene	16.47	284	868093	28.570	nq	98
70) Pentachlorophenol	16.82	266	525191	29.642	nq	99
71) Phenanthrene	17.22	178	4113440	31.547	nq	100
72) Anthracene	17.31	178	4096507	31.537	nq	100
73) Carbazole	17.59	167	4222624	30.954	nq	99
74) Di-n-butylphthalate	18.15	149	5225473	33.703	nq	99
75) Fluoranthene	19.24	202	5075162	32.866	nq	99
77) Benzidine	19.43	184	754769	9.976	nq	98
78) Pyrene	19.60	202	5337507	34.741	nq	99
80) Butylbenzylphthalate	20.51	149	2362267	35.854	nq	98
81) Benzo(a)anthracene	21.36	228	5134867	33.030	nq	100
82) 3,3'-Dichlorobenzidine	21.30	252	4230938	70.839	nq	99
83) Chrysene	21.41	228	4974483	33.167	nq	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	3335660	32.207	nq	100
85) Di-n-octyl phthalate	22.19	149	5552842	32.436	nq	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	5345929	28.795	nq	99
88) Benzo(b)fluoranthene	22.97	252	5303685	35.671	nq	99
89) Benzo(k)fluoranthene	23.02	252	5003725	33.648	nq	100
90) Benzo(a)pyrene	23.57	252	4542059	31.801	nq	99
91) Dibenzo(a,h)anthracene	26.01	278	4634896	31.161	nq	99
92) Benzo(g,h,i)perylene	26.71	276	4049080	28.431	nq	100

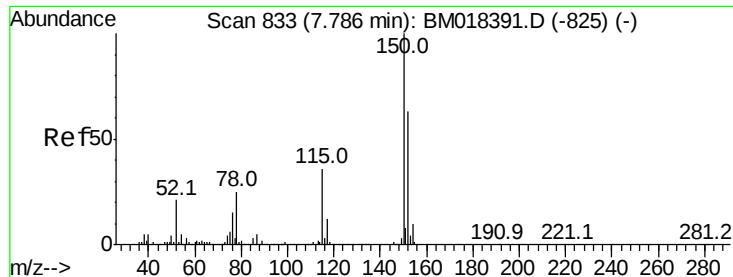
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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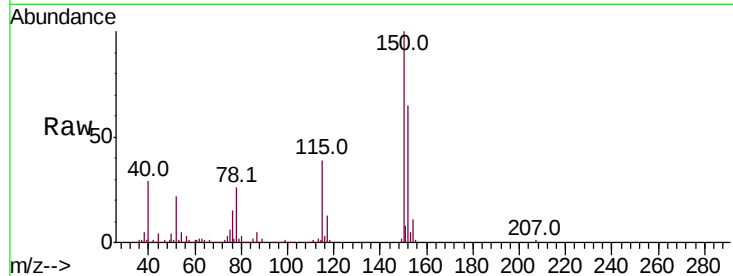


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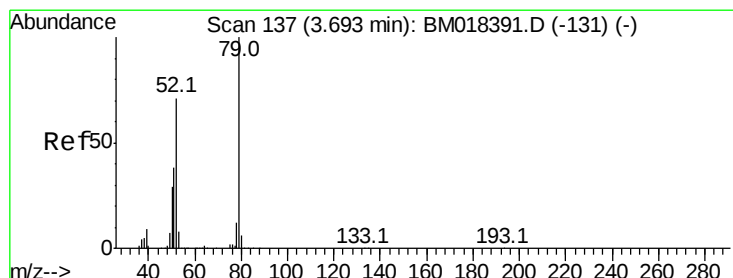
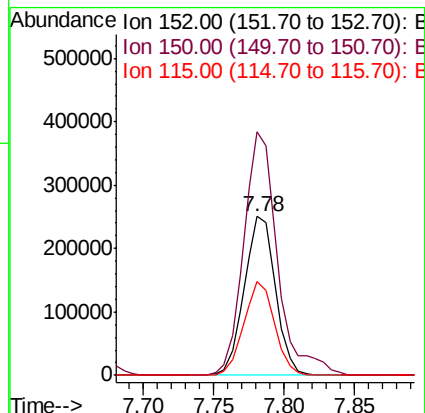
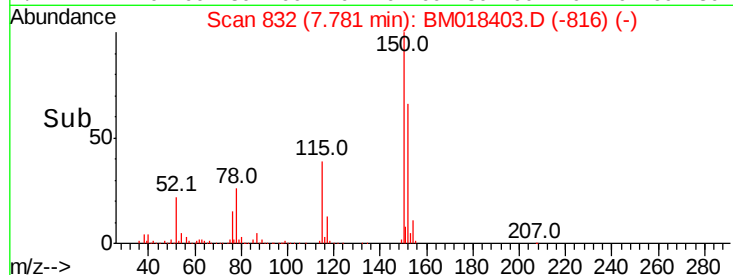
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.78 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

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



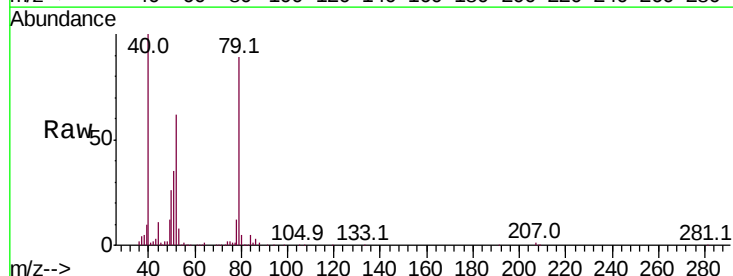
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



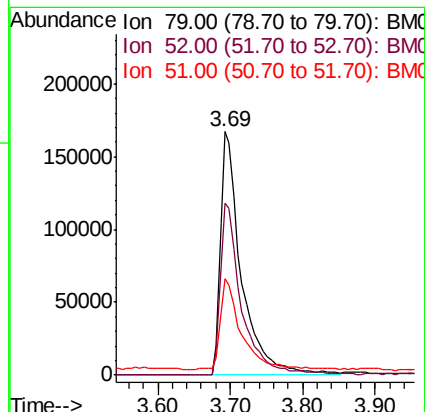
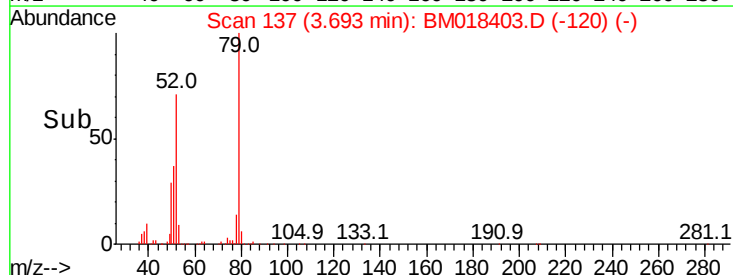
#3

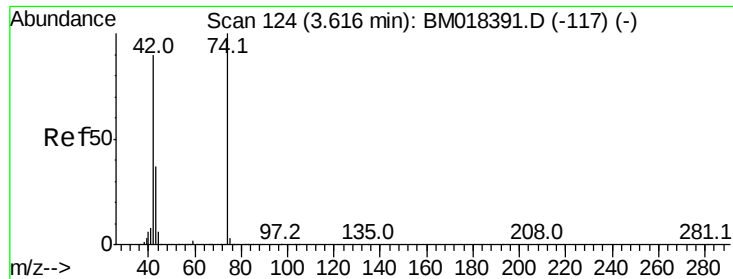
Pyridine
 Concen: 14.536 ng
 RT: 3.69 min Scan# 137
 Delta R.T. 0.00 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Tgt 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): BM0
 Ion 52.00 (51.70 to 52.70): BM0
 Ion 51.00 (50.70 to 51.70): BM0



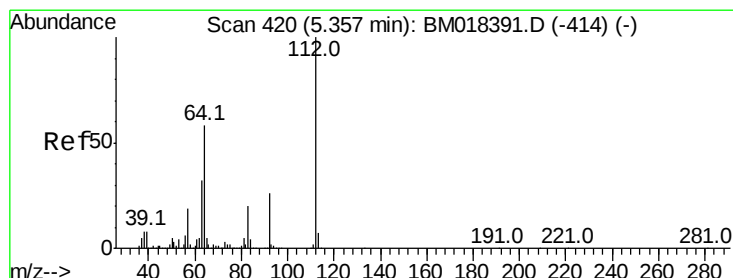
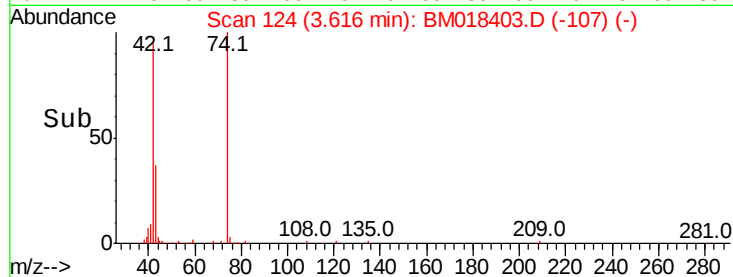
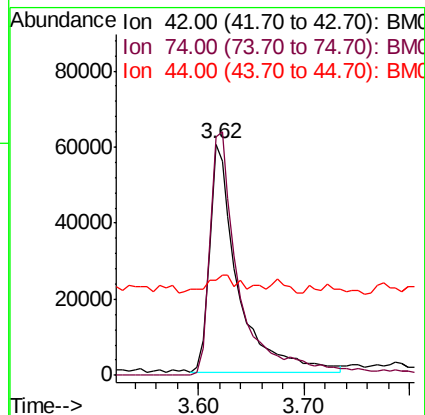
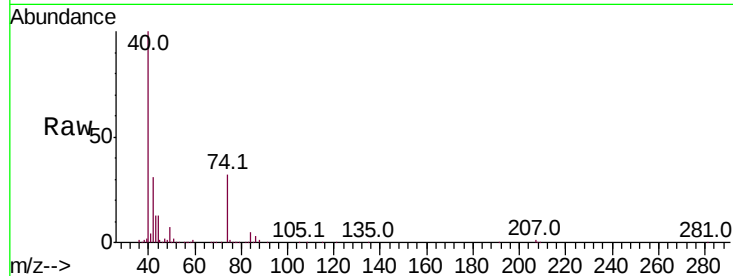


#4

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

Instrument :
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 PB116034BS

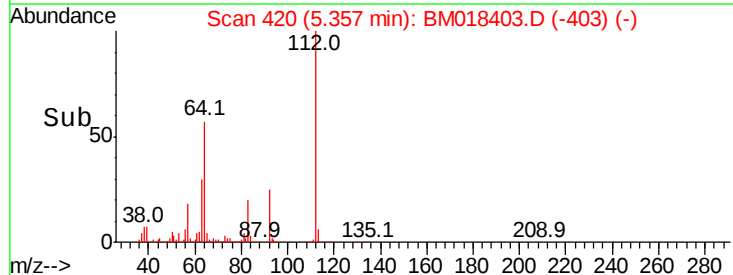
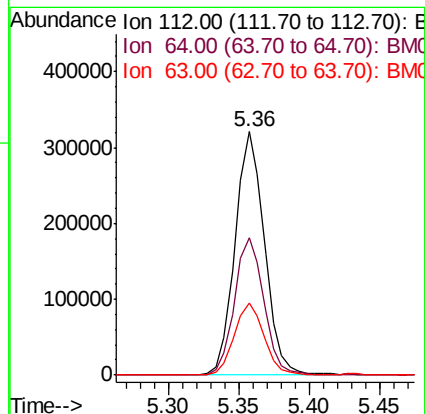
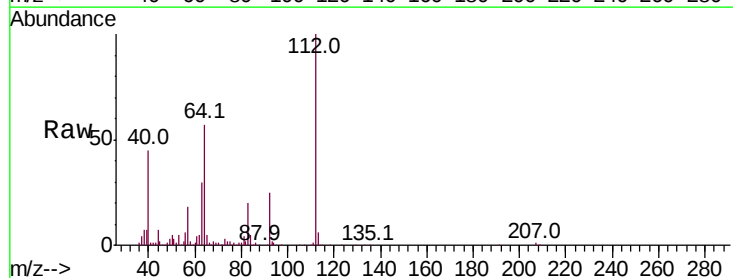
Tot Ion	Ratio	Lower	Upper
42	100		
74	103.1	88.6	132.8
44	41.0	16.9	25.3#

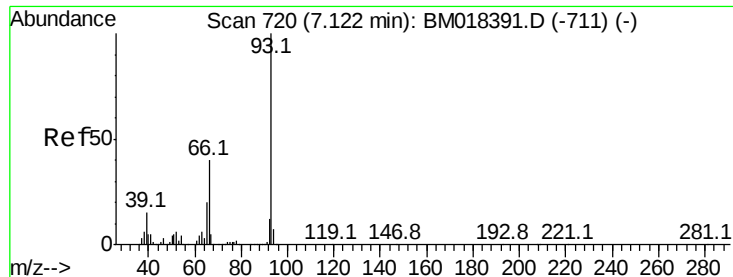


#5

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

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.5	69.7
63	29.6	25.2	37.8





#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

Instrument :

BNA_M

ClientSampleId :

PB116034BS

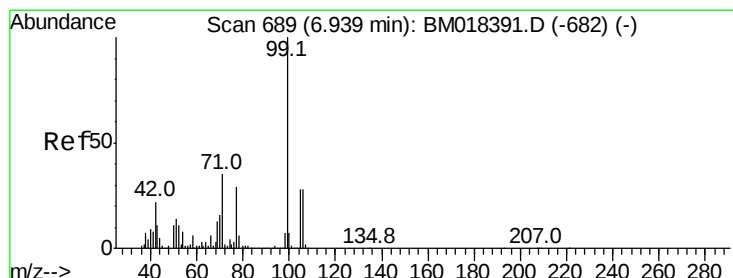
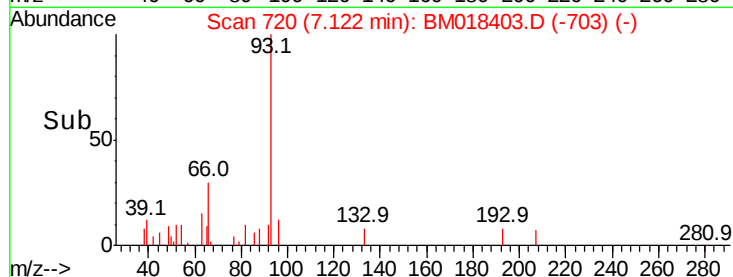
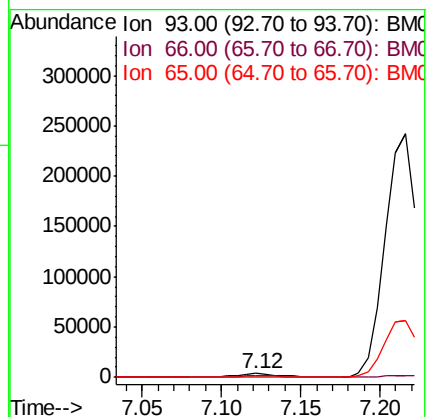
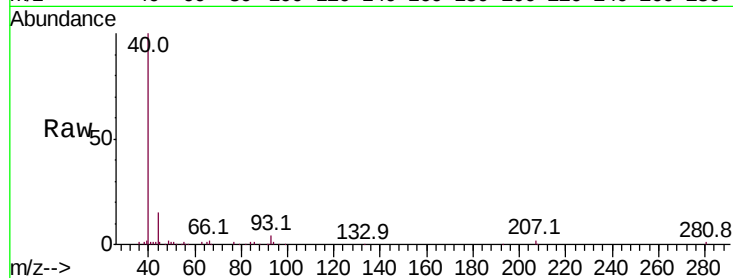
Tot Ion: 93 Resp: 7753

Ion Ratio Lower Upper

93 100

66 45.1 31.7 47.5

65 22.4 15.9 23.9



#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

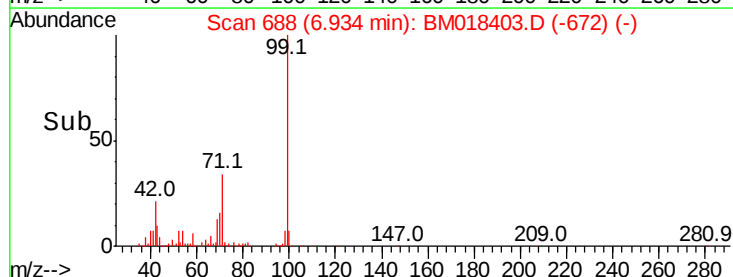
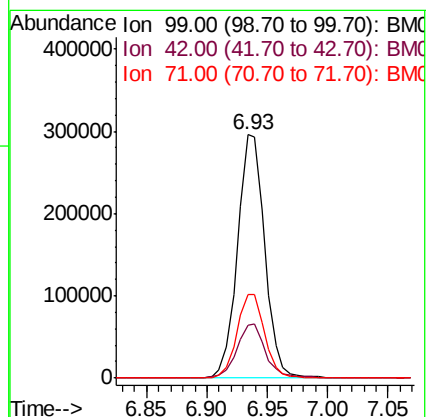
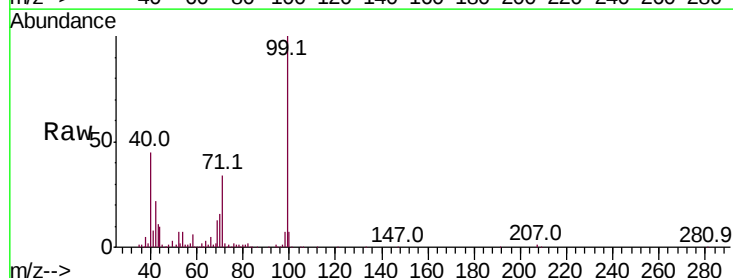
Tgt Ion: 99 Resp: 468267

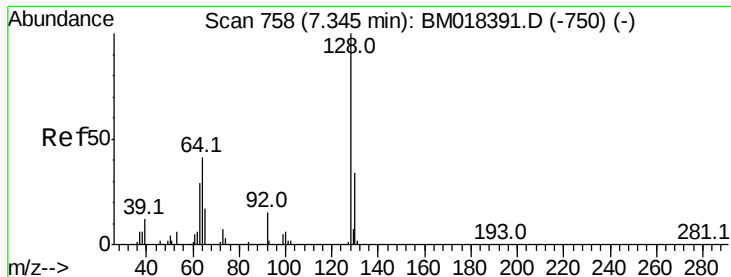
Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

71 34.4 28.0 42.0





#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

Instrument :

BNA_M

ClientSampleId :

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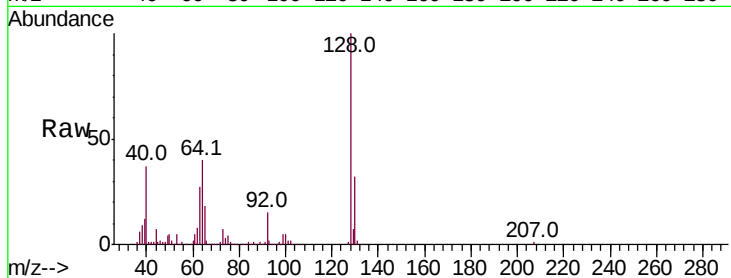
Tot Ion:128 Resp: 420538

Ion Ratio Lower Upper

128 100

130 32.5 13.6 53.6

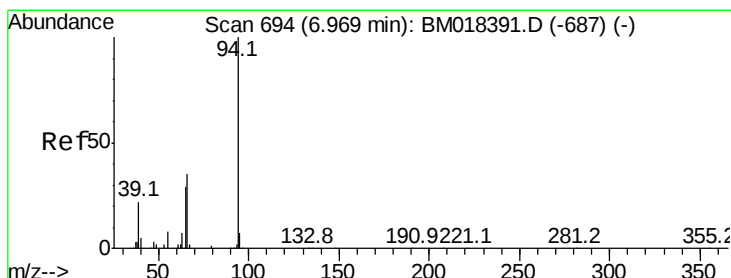
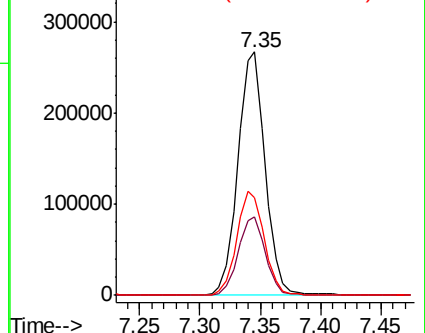
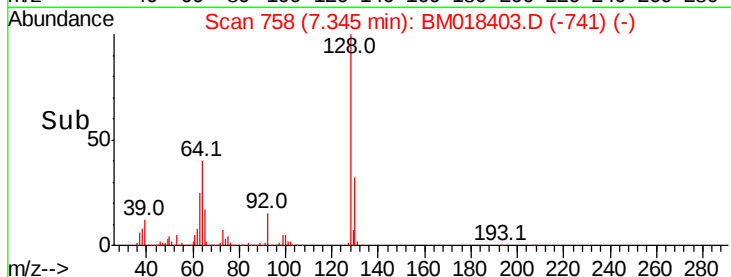
64 40.0 24.8 64.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#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

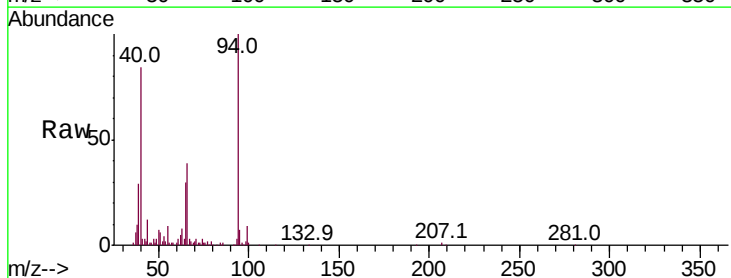
Tgt Ion: 94 Resp: 235087

Ion Ratio Lower Upper

94 100

65 30.3 9.4 49.4

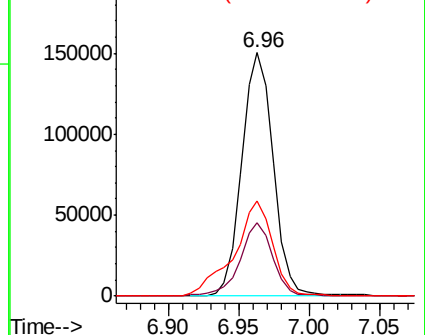
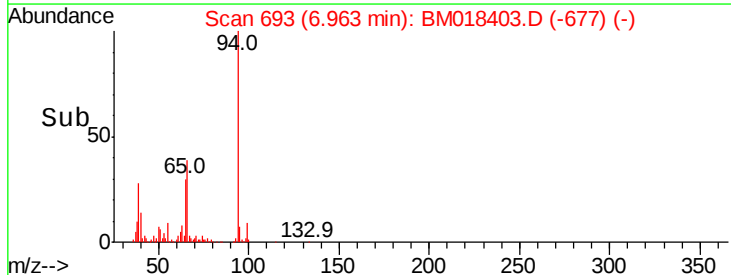
66 39.0 19.1 59.1

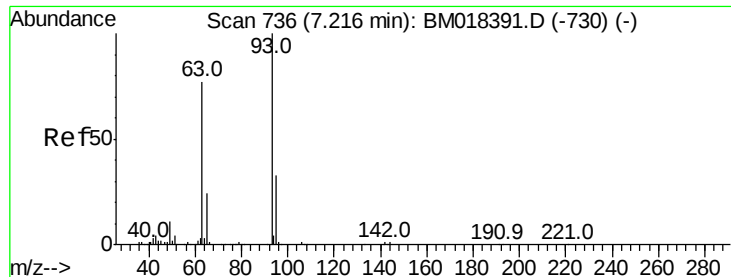


Abundance Ion 94.00 (93.70 to 94.70): BM

Ion 65.00 (64.70 to 65.70): BM

Ion 66.00 (65.70 to 66.70): BM

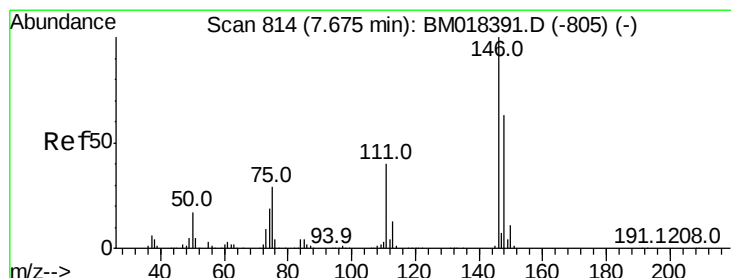
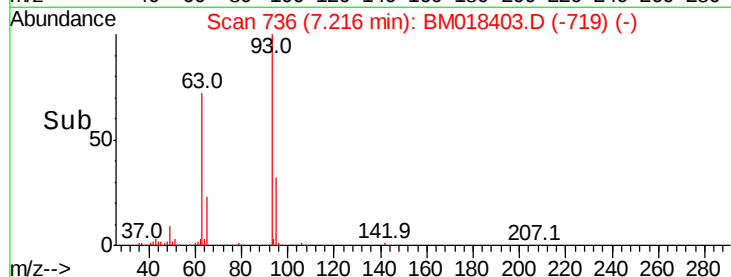
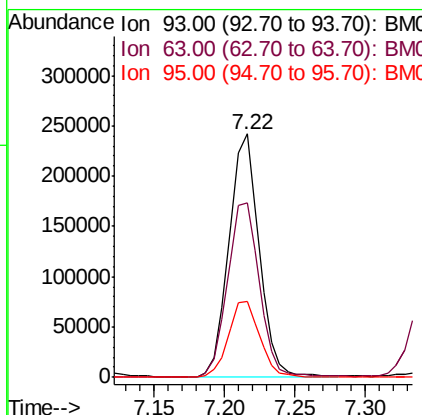
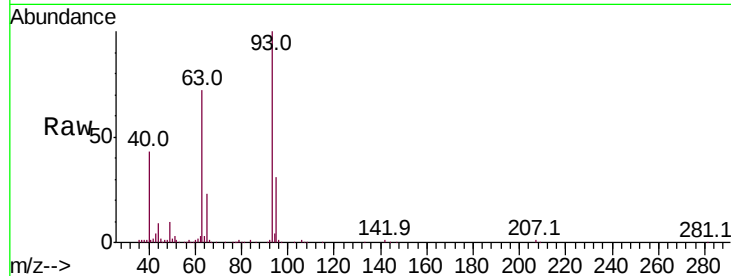




#11
bis(2-Chloroethyl)ether
Concen: 15.734 ng
RT: 7.22 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

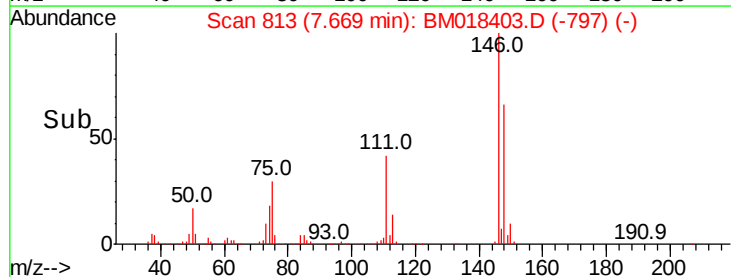
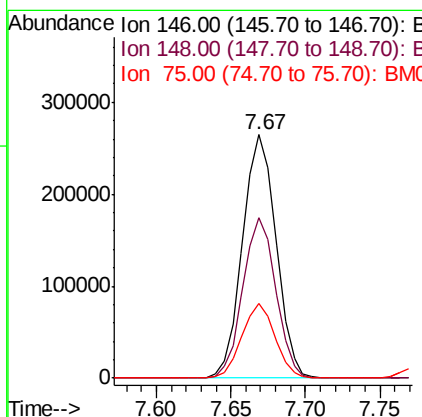
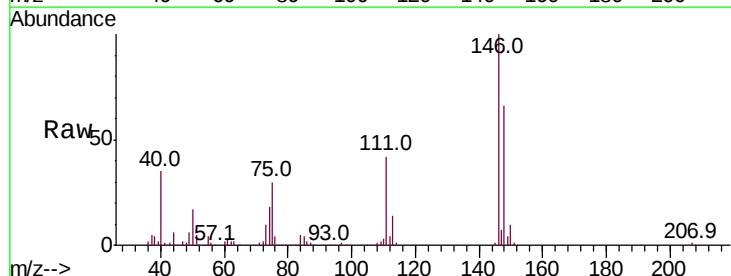
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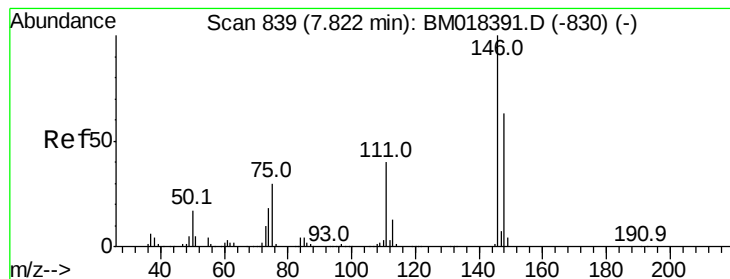
Tot Ion: 93 Resp: 361002
Ion Ratio Lower Upper
93 100
63 71.6 56.4 96.4
95 31.4 12.7 52.7



#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

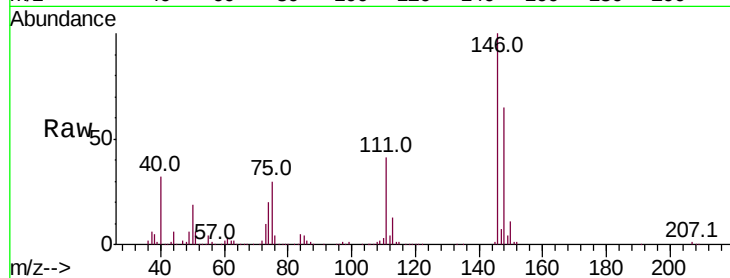
Tot Ion:146 Resp: 431798

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

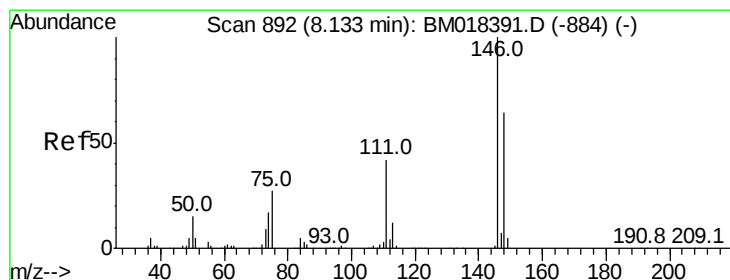
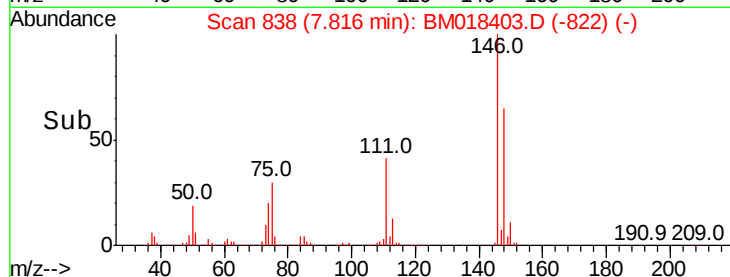
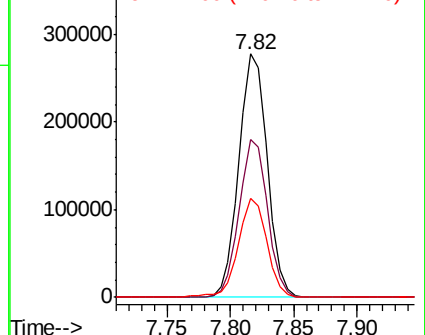
111 40.7 32.2 48.2



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

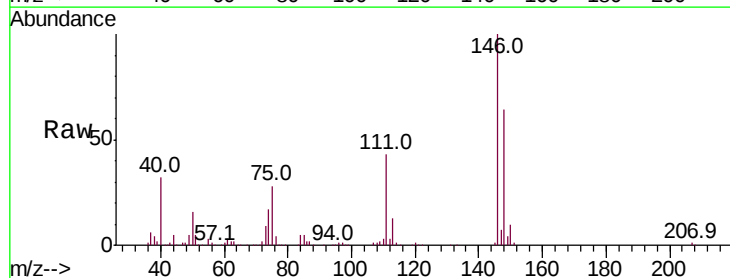
Tgt Ion:146 Resp: 434249

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

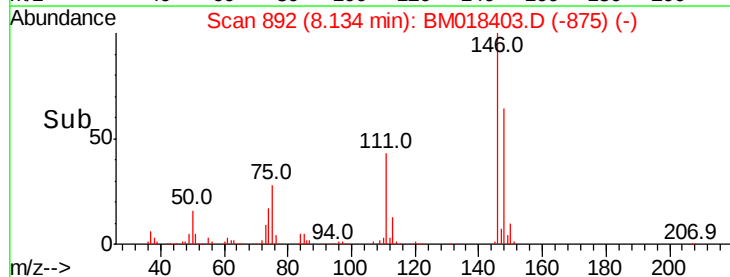
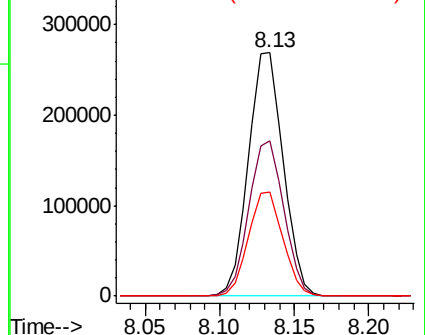
111 42.9 33.8 50.6

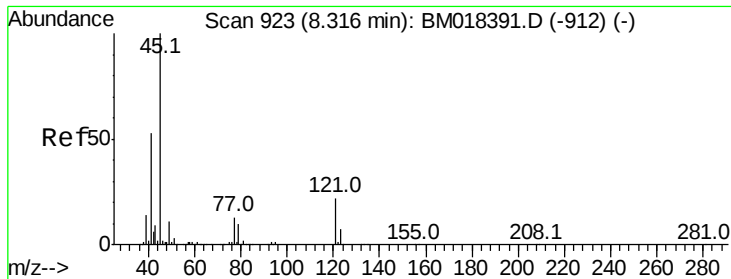


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

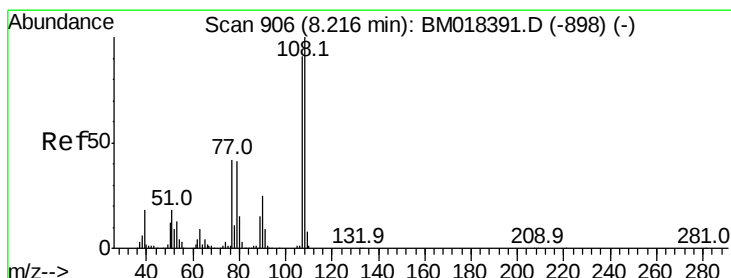
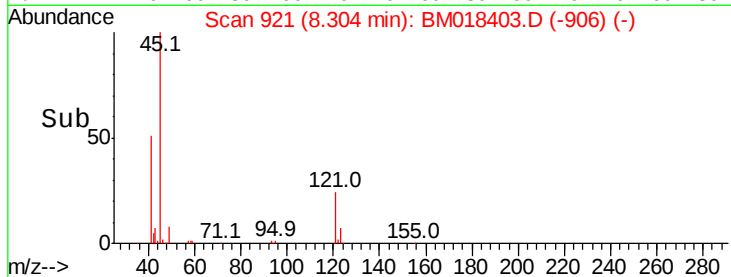
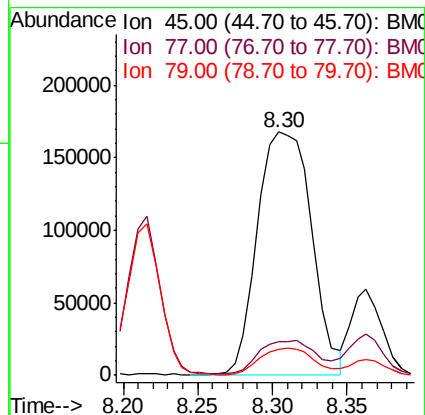
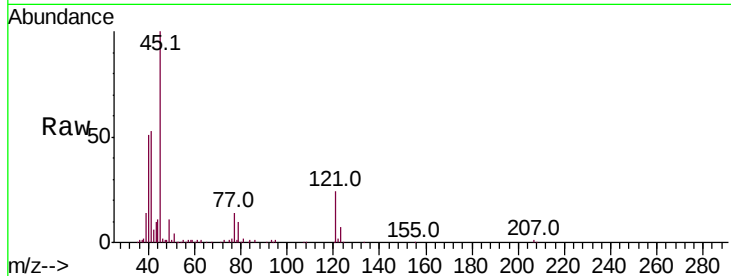




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 11.592 ng
RT: 8.30 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

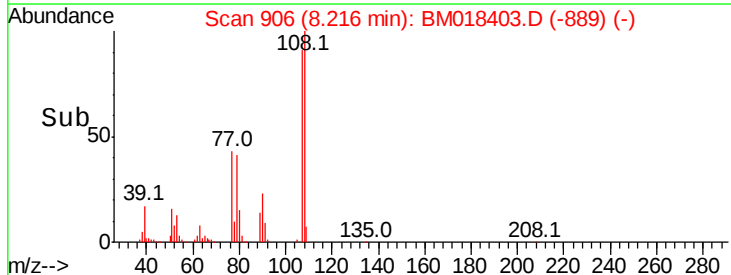
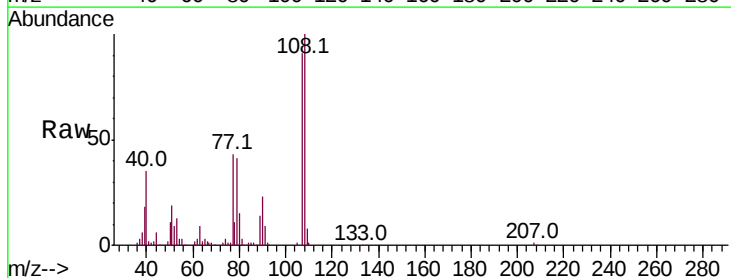
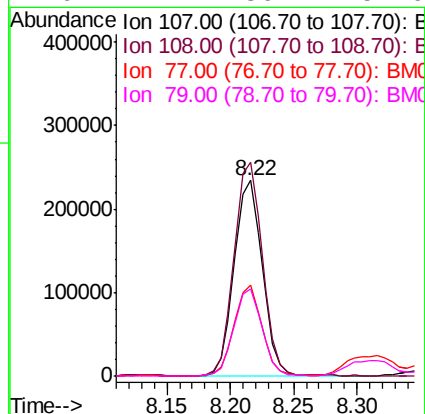
Instrument :
BNA_M
ClientSampleId :
PB116034BS

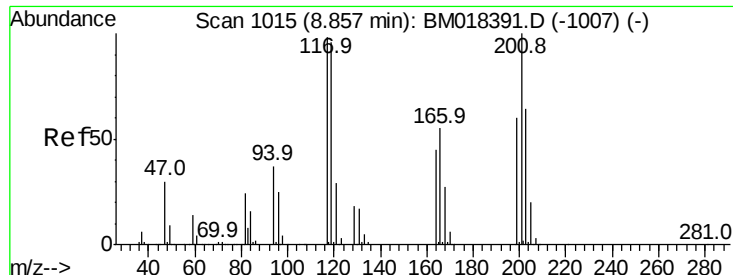
Tot Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.4
79	10.4	0.0	31.1



#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

Tgt 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

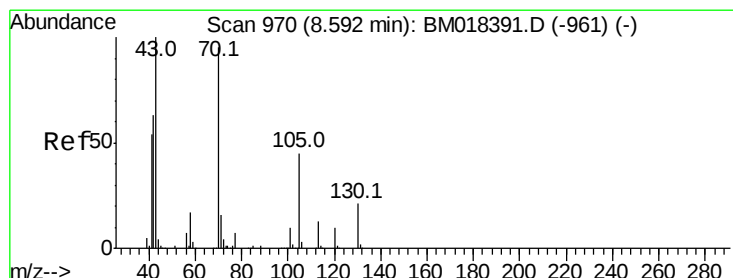
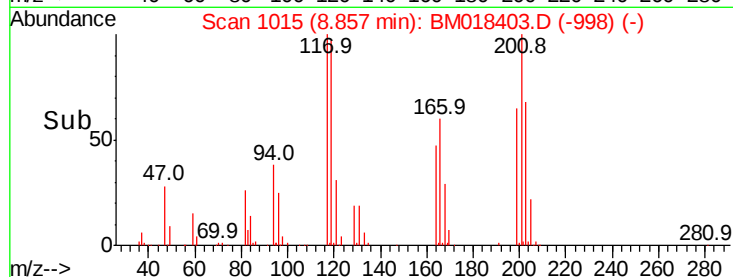
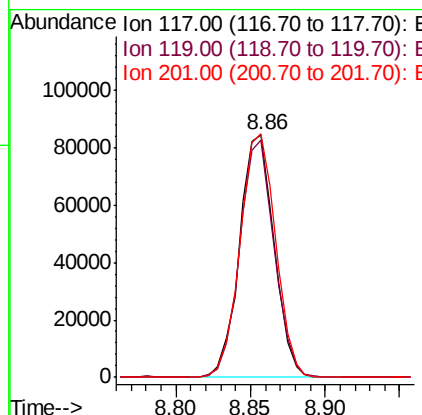
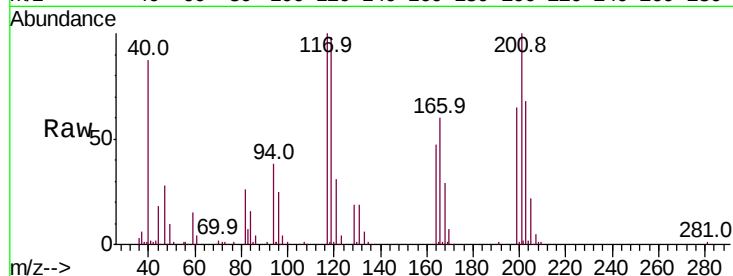




#18
Hexachloroethane
Concen: 12.811 ng
RT: 8.86 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

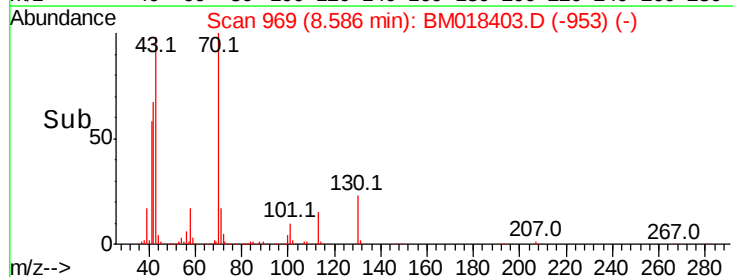
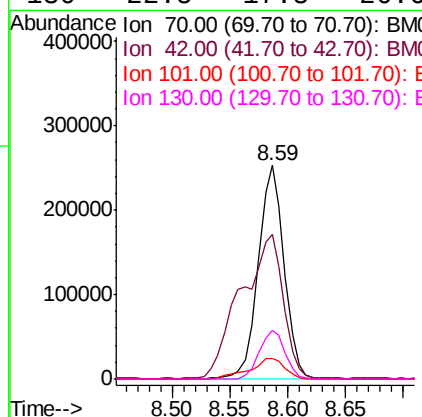
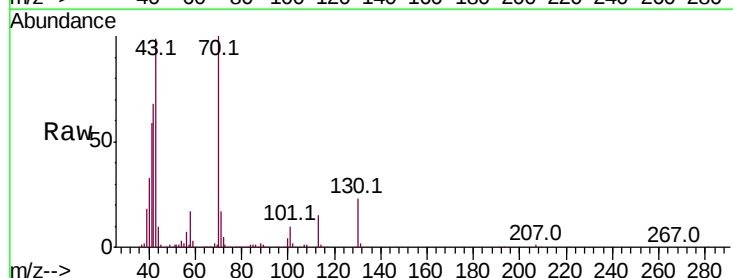
Instrument :
BNA_M
ClientSampleId :
PB116034BS

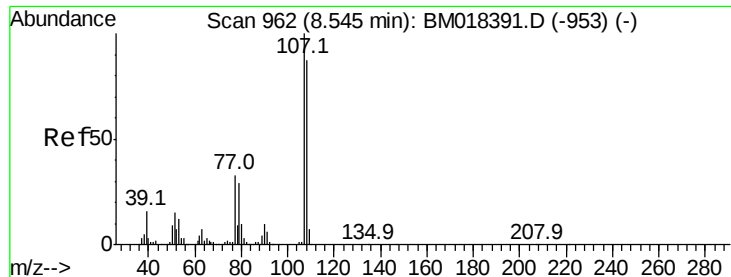
Tot Ion:117 Resp: 135598
Ion Ratio Lower Upper
117 100
119 97.9 78.3 117.5
201 100.4 81.4 122.0



#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

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

Instrument :

BNA_M

ClientSampleId :

PB116034BS

Tot Ion:107 Resp: 537045

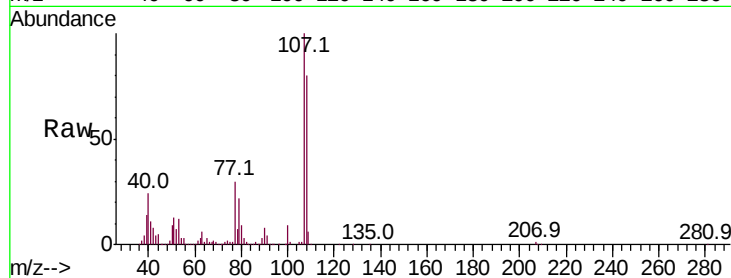
Ion Ratio Lower Upper

107 100

108 79.5 66.8 106.8

77 30.0 13.3 53.3

79 21.8 8.8 48.8

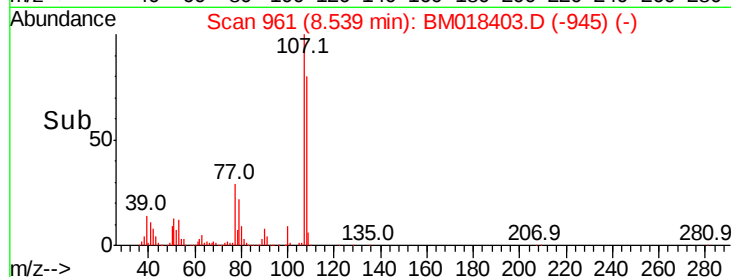


Abundance Ion 107.00 (106.70 to 107.70): E

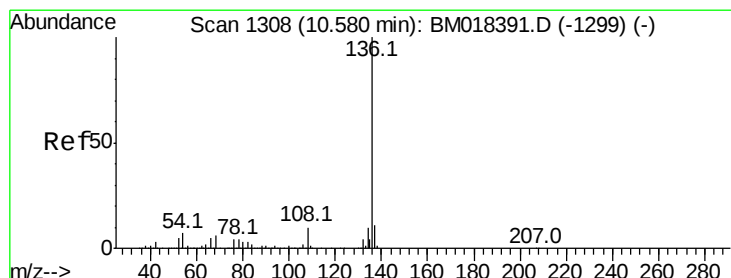
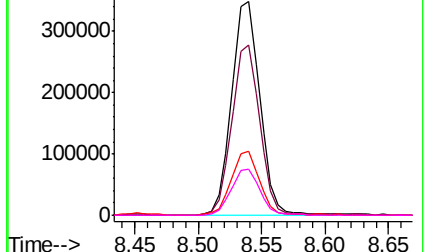
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#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

Tgt Ion:136 Resp: 1801452

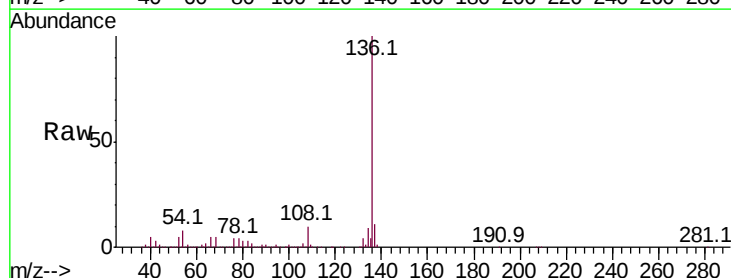
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 6.0 9.0

68 5.3 4.5 6.7

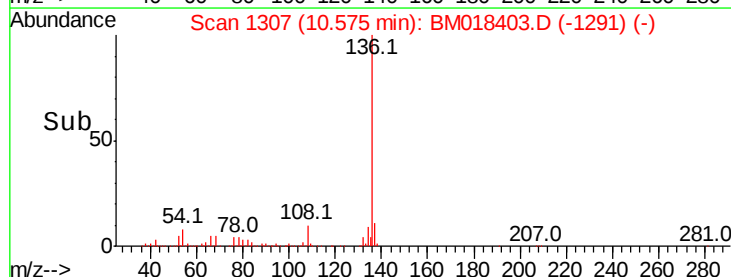


Abundance Ion 136.00 (135.70 to 136.70): E

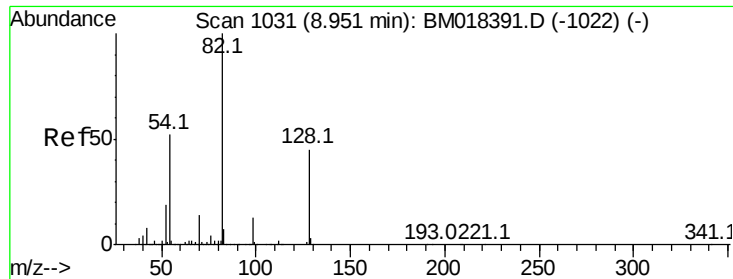
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



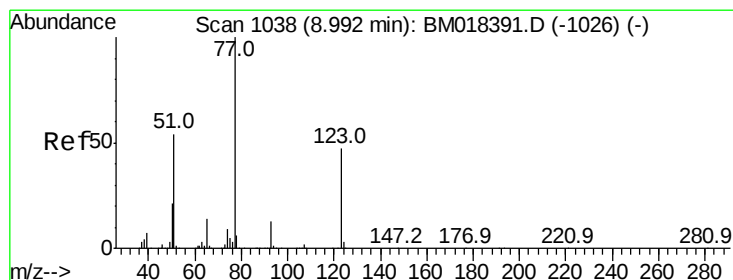
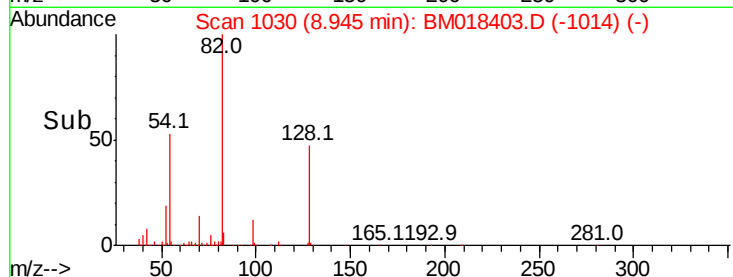
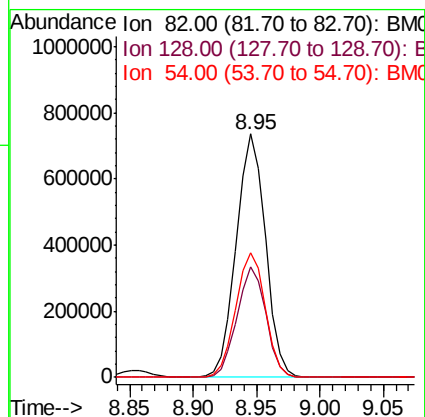
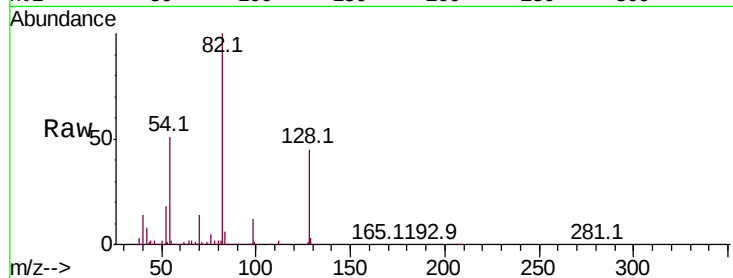
Time-->



#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

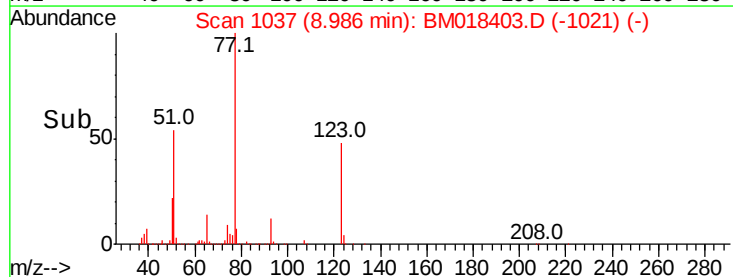
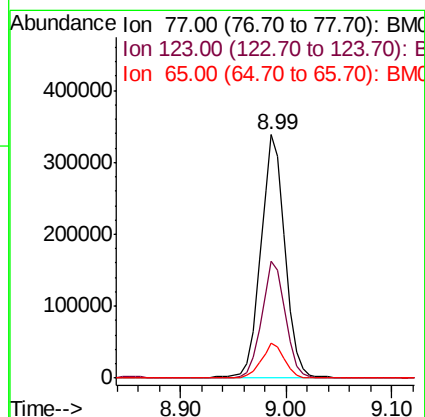
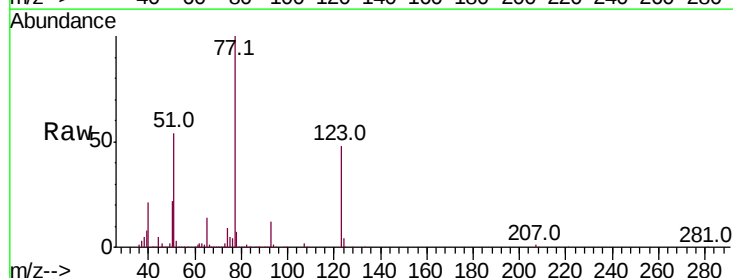
Instrument :
BNA_M
ClientSampleId :
PB116034BS

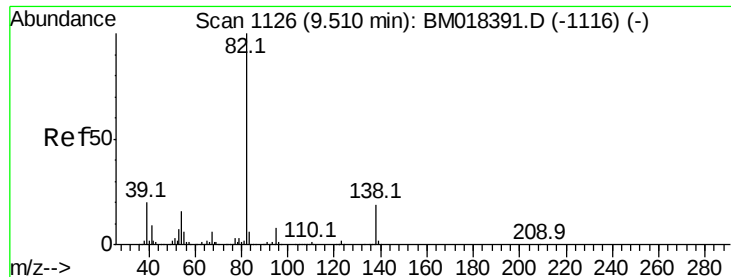
Tot Ion: 82 Resp: 1173949
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 51.1 41.7 62.5



#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

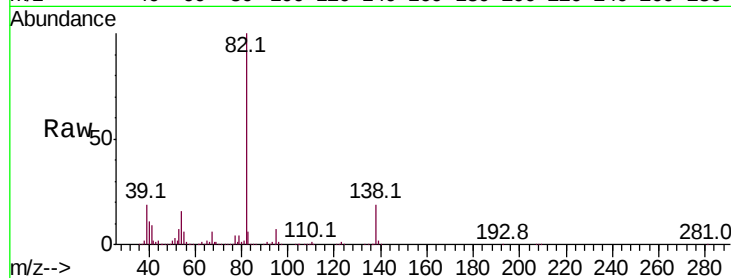
Tot Ion: 82 Resp: 1065762

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) (-)

9.50

800000

600000

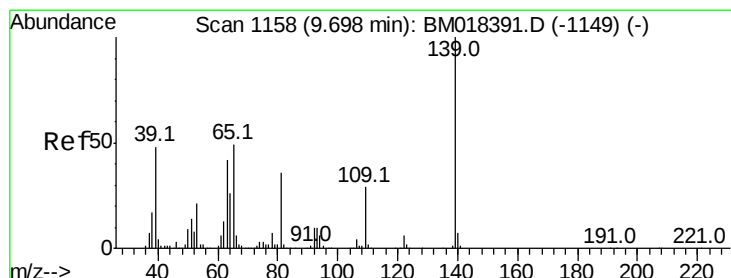
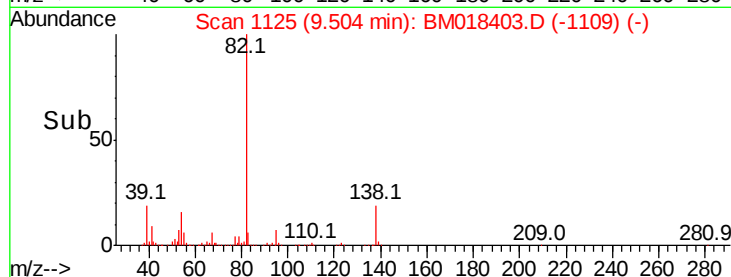
400000

200000

0

9.40 9.50 9.60

Time-->



#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

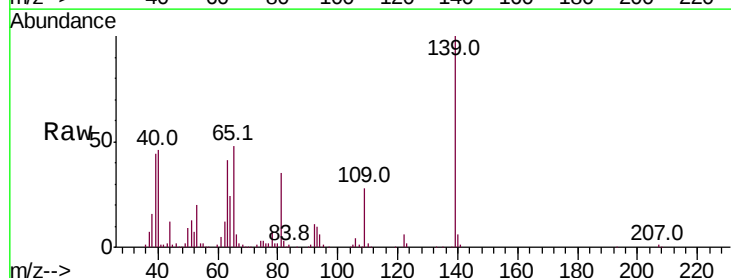
Tgt Ion: 139 Resp: 210800

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) (-)

9.69

150000

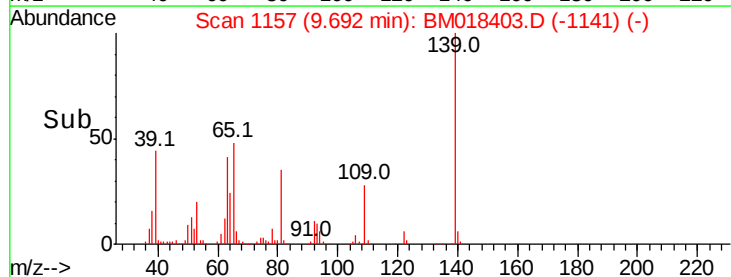
100000

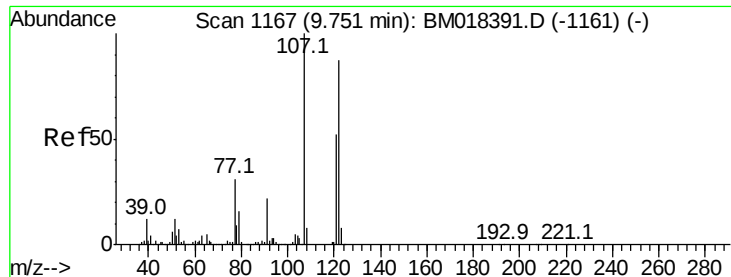
50000

0

9.60 9.65 9.70 9.75 9.80

Time-->

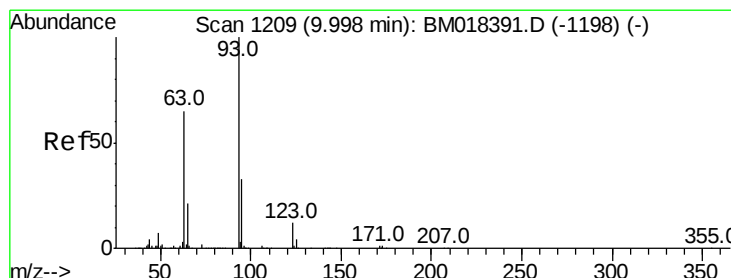
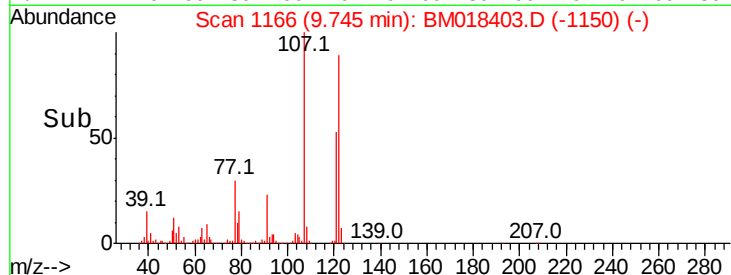
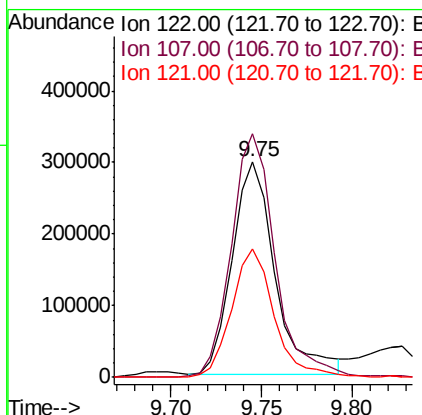
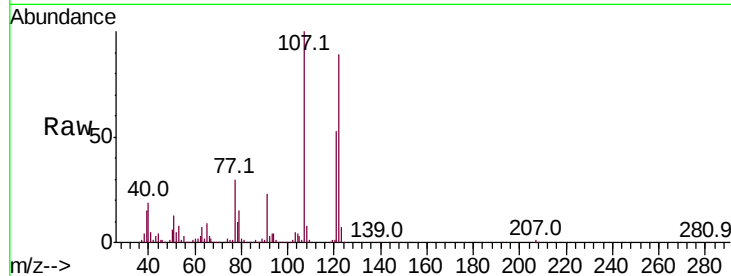




#27
 2,4-Dimethylphenol
 Concen: 21.972 ng
 RT: 9.75 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

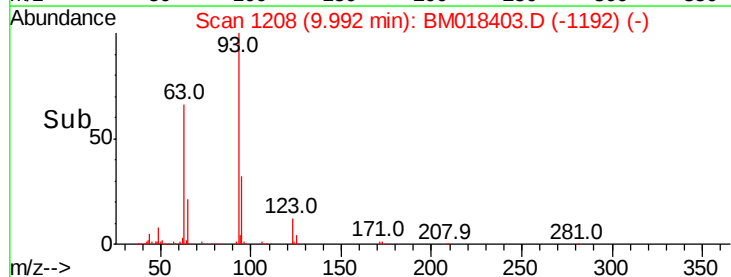
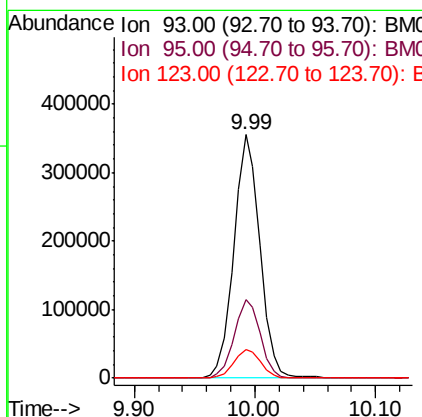
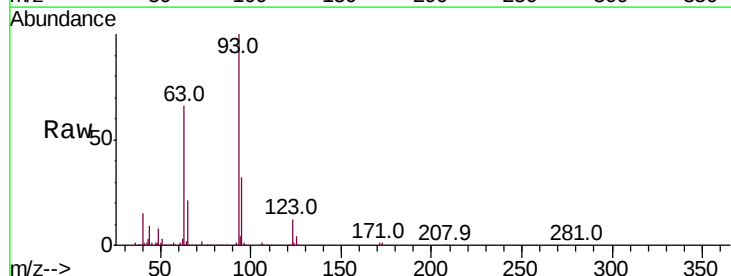
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

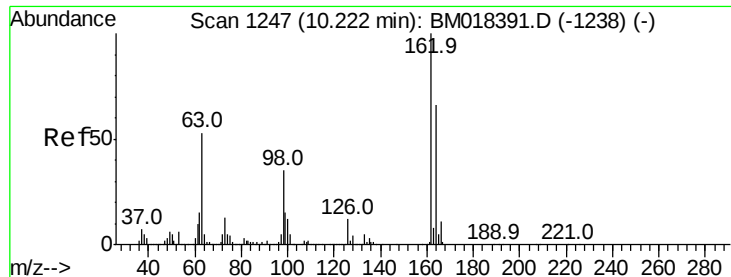
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	91.9	137.9
121	59.6	47.5	71.3



#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

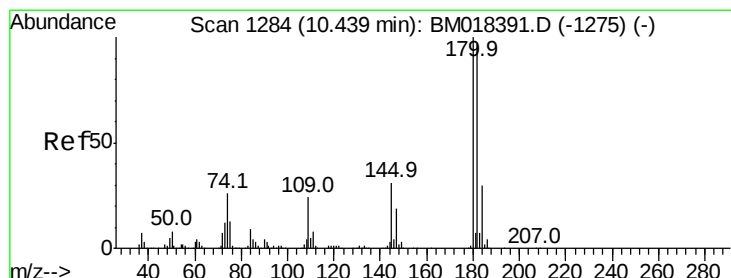
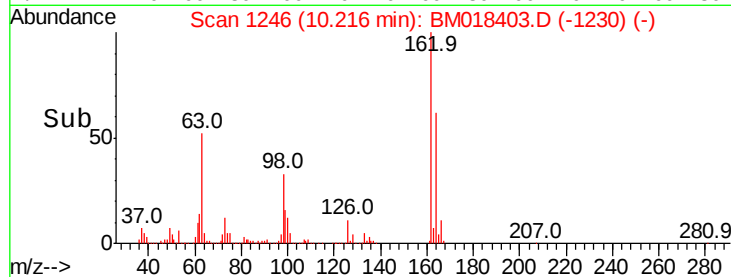
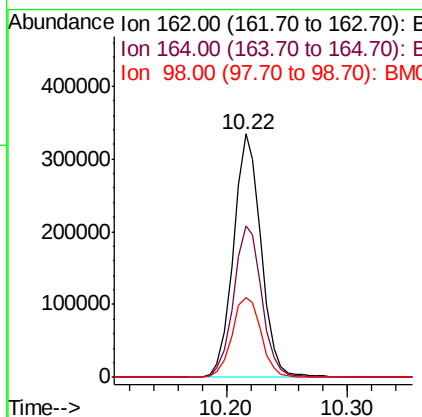
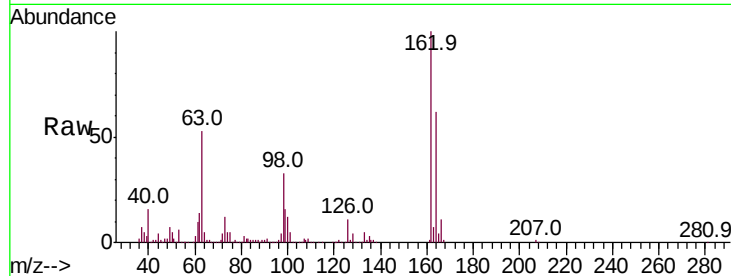




#29
 2,4-Dichlorophenol
 Concen: 21.308 ng
 RT: 10.22 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

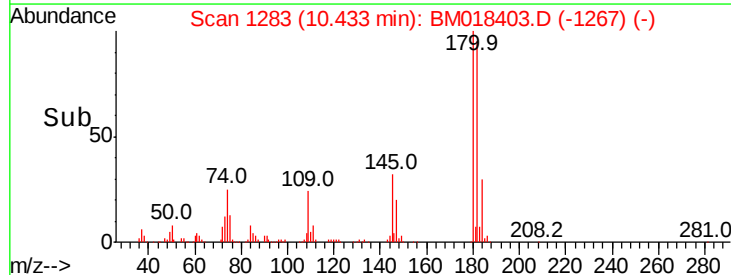
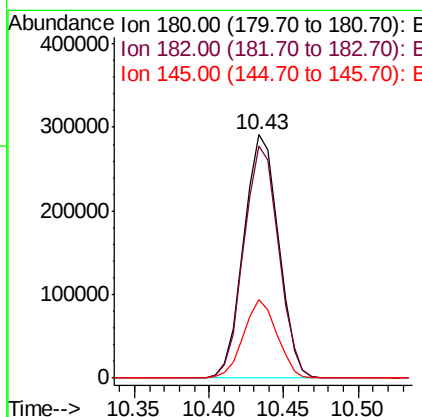
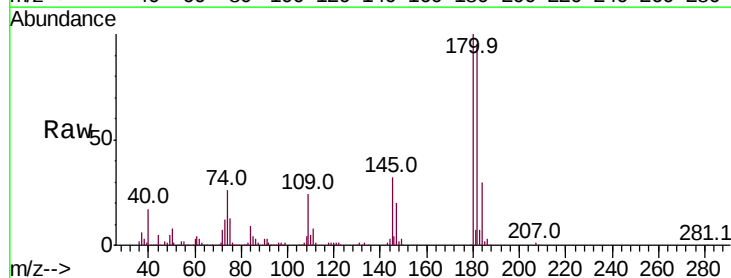
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

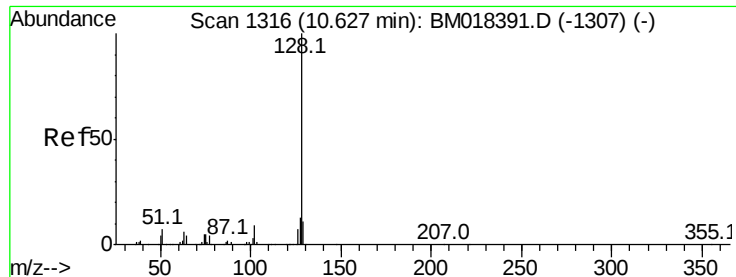
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	45.6	85.6
98	32.9	14.7	54.7



#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

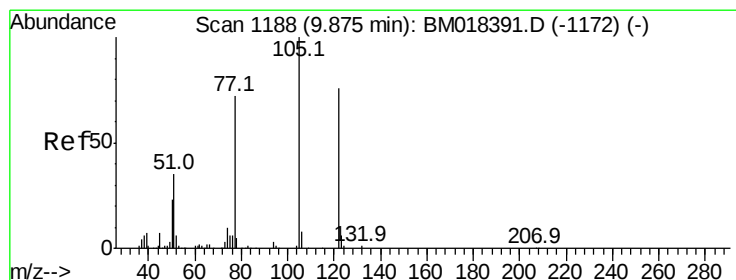
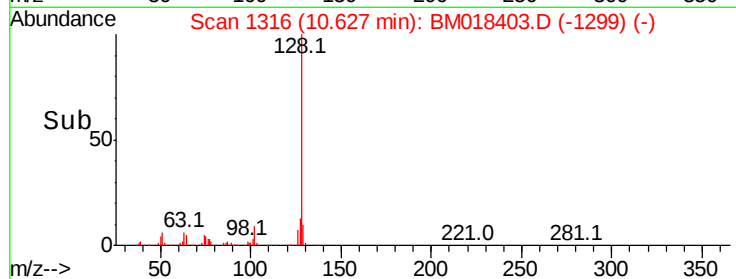
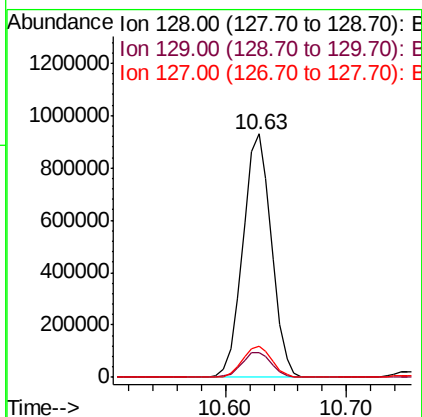
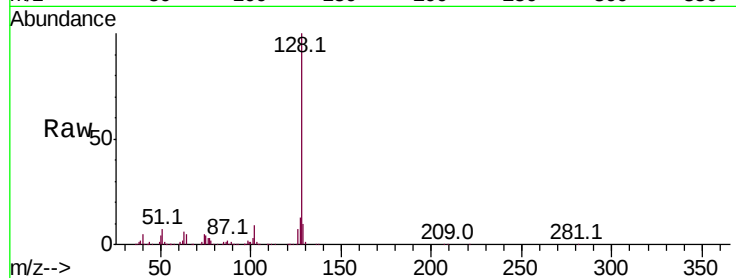




#31
Naphthalene
Concen: 17.679 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

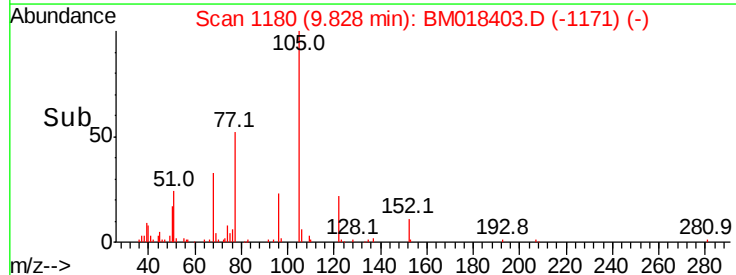
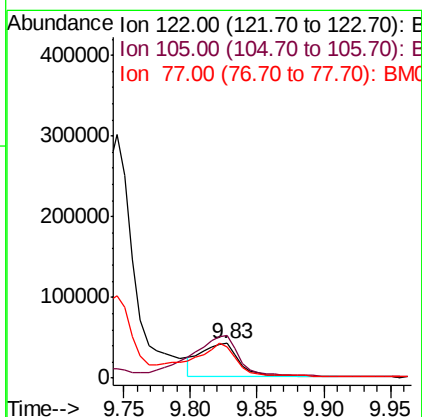
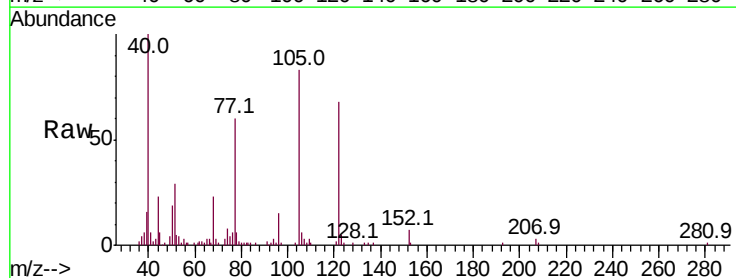
Instrument :
BNA_M
ClientSampleId :
PB116034BS

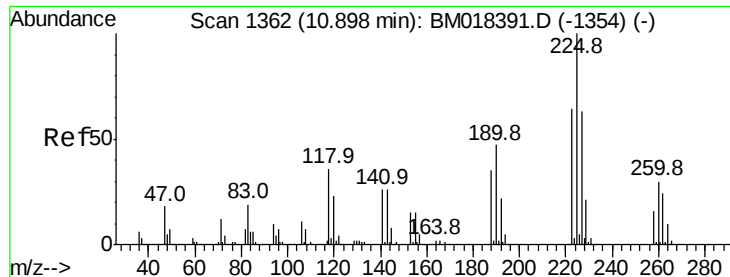
Tot Ion:128 Resp: 1535040
Ion Ratio Lower Upper
128 100
129 10.1 8.7 13.1
127 12.9 10.8 16.2



#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

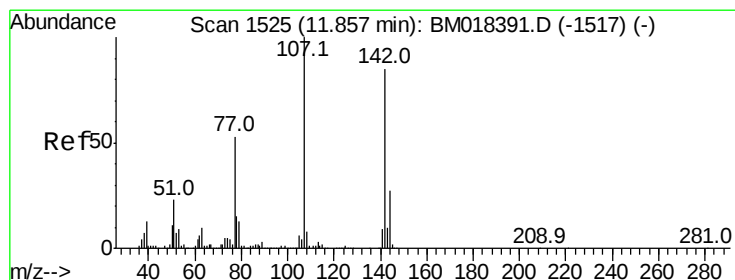
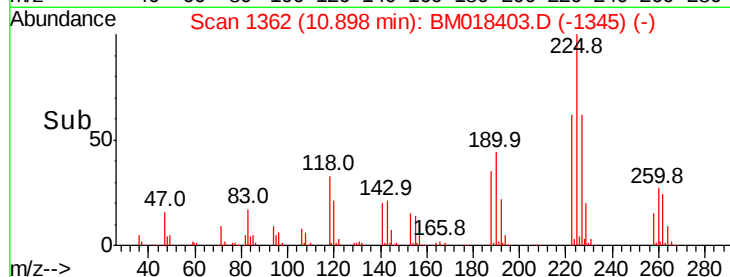
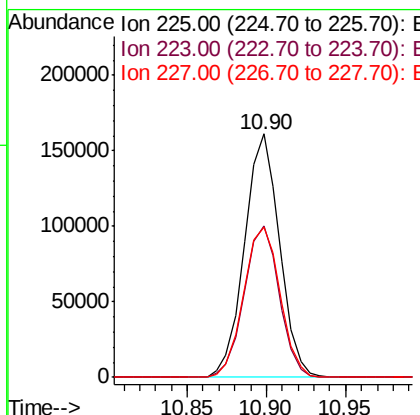
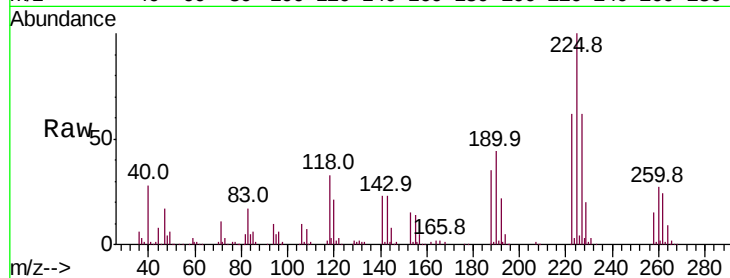




#34
Hexachlorobutadiene
Concen: 13.349 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

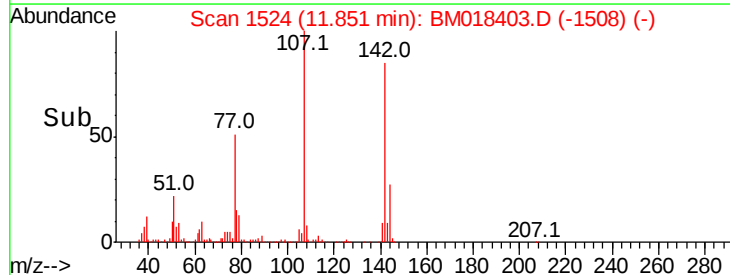
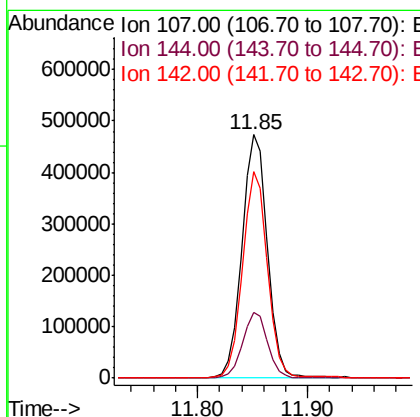
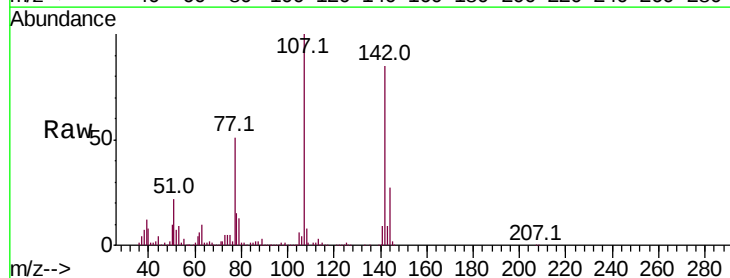
Instrument :
BNA_M
ClientSampleId :
PB116034BS

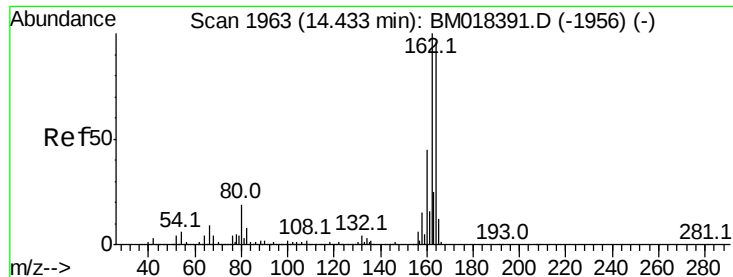
Tot Ion:225 Resp: 247659
Ion Ratio Lower Upper
225 100
223 62.0 50.8 76.2
227 61.6 50.4 75.6



#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





#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

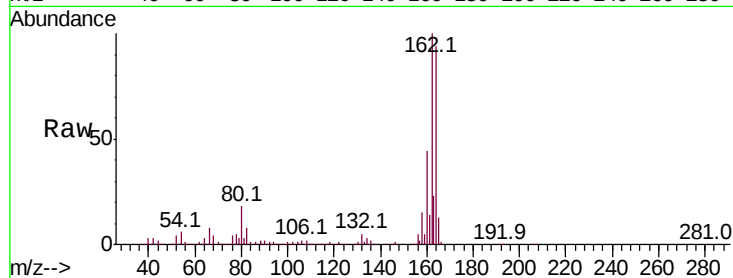
Tot Ion:164 Resp: 1070558

Ion Ratio Lower Upper

164 100

162 106.4 83.0 124.4

160 47.2 37.1 55.7

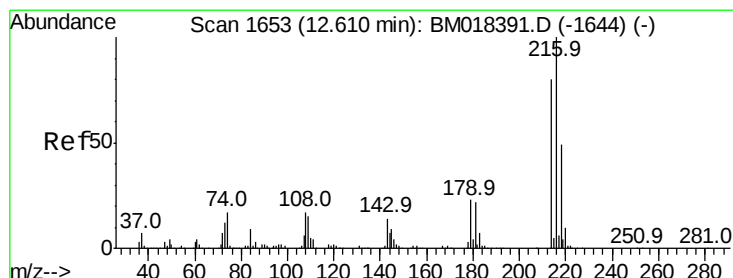
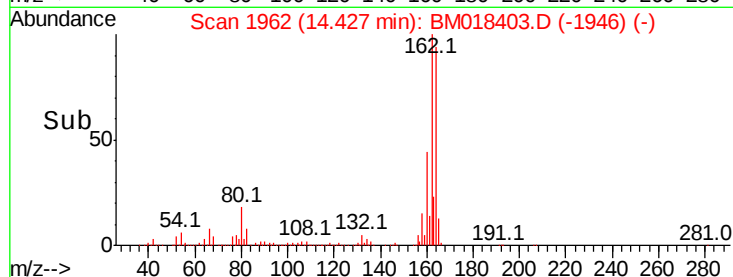
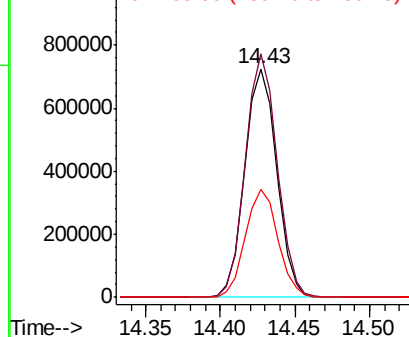


Abundance

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

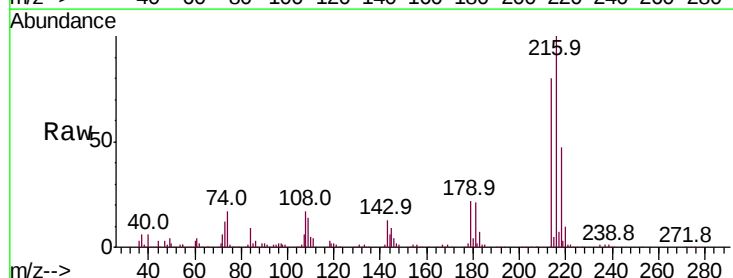
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 22.6 17.9 26.9

108 18.7 15.8 23.6



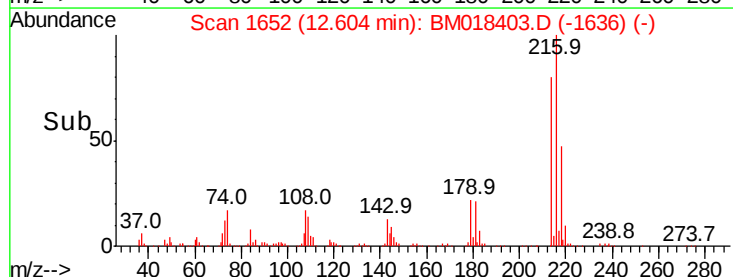
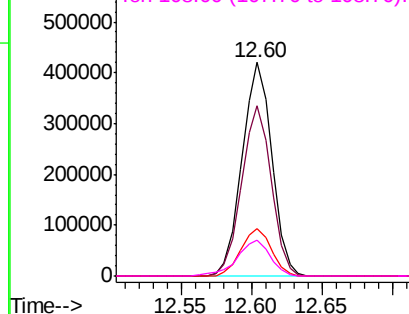
Abundance

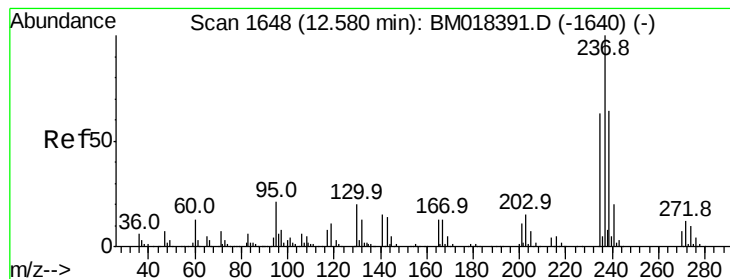
Ion 216.00 (215.70 to 216.70): E

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

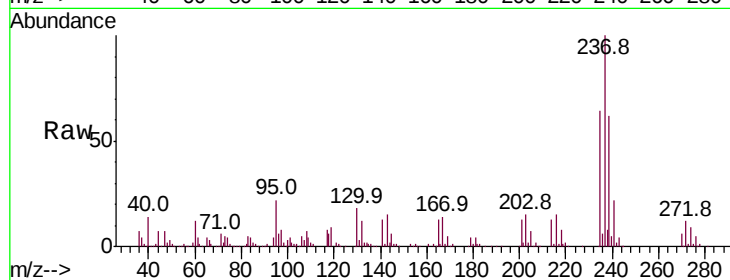
Tot Ion:237 Resp: 257266

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.8	82.8
272	11.8	0.0	31.9

237 100

235 63.6 42.8 82.8

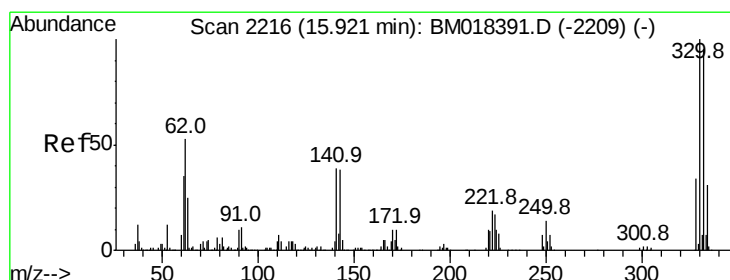
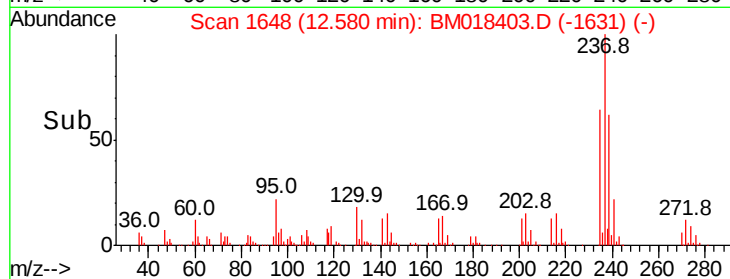
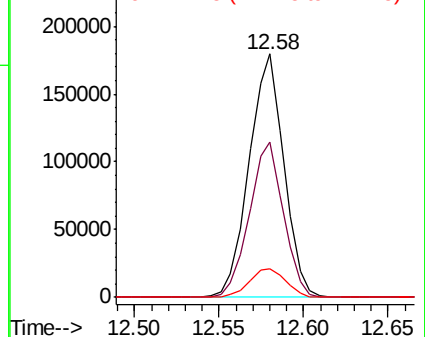
272 11.8 0.0 31.9



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

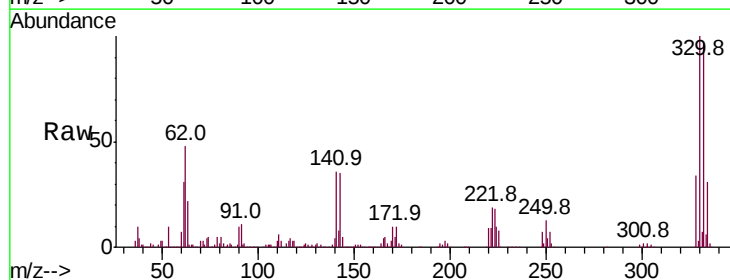
Tgt Ion:330 Resp: 899489

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	38.9	31.7	47.5

330 100

332 96.9 77.6 116.4

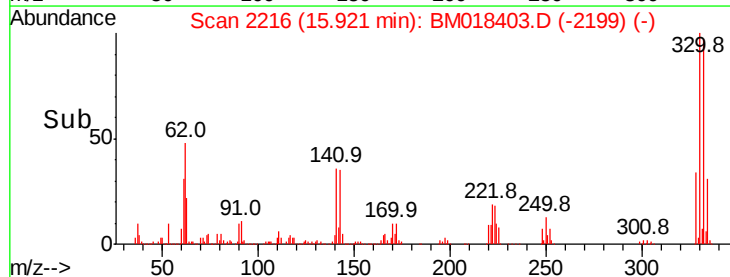
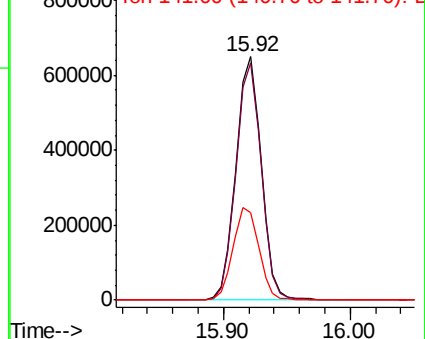
141 38.9 31.7 47.5

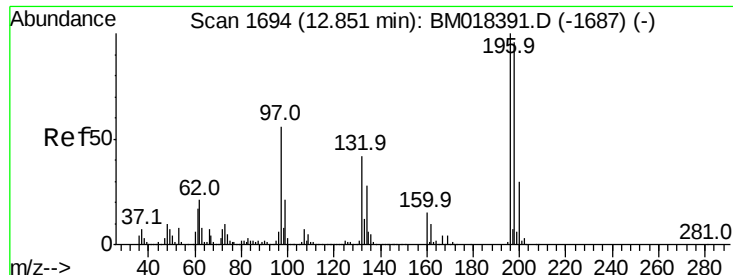


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

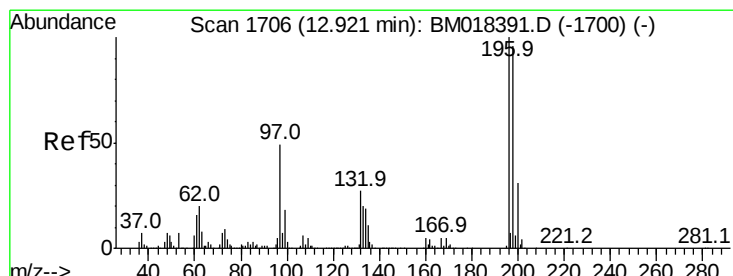
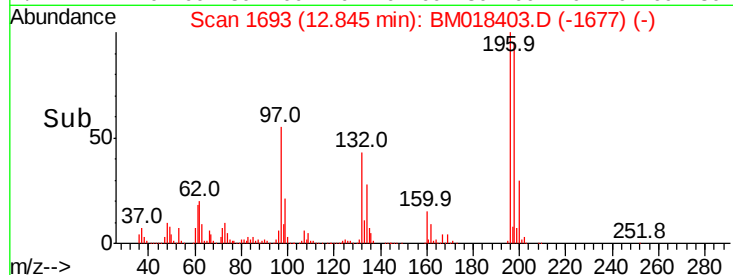
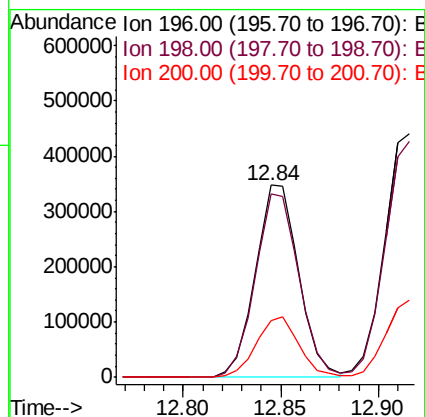
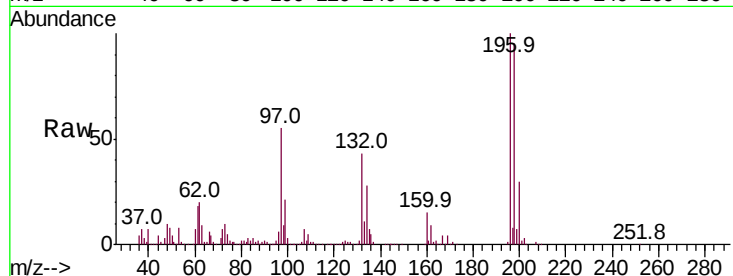




#43
 2,4,6-Trichlorophenol
 Concen: 28.046 ng
 RT: 12.84 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

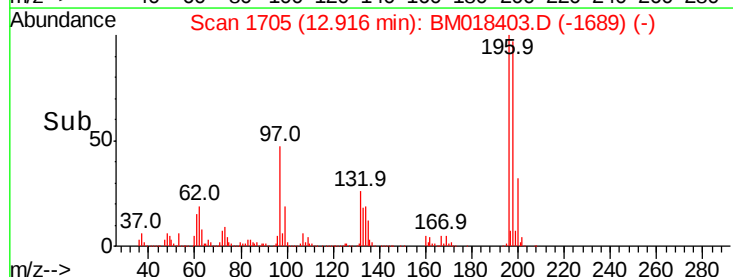
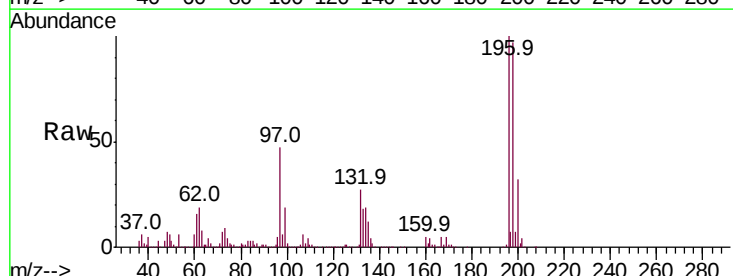
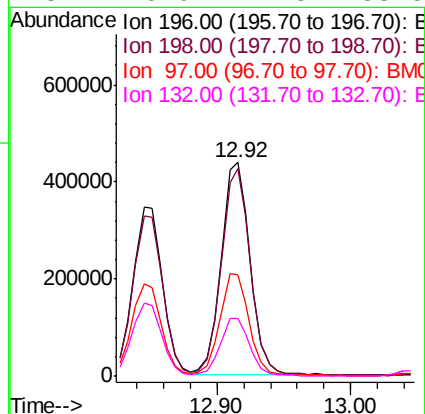
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

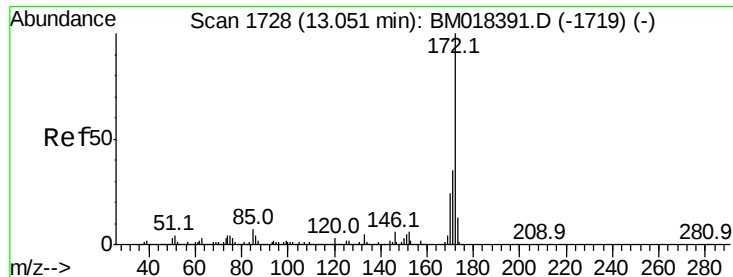
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	115.0
200	29.7	24.2	36.4



#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	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



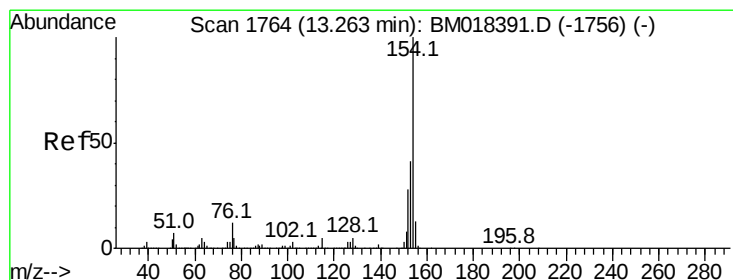
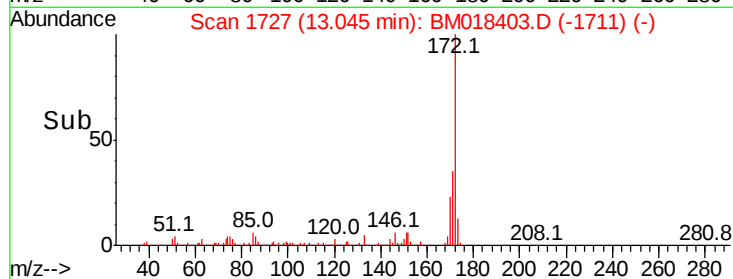
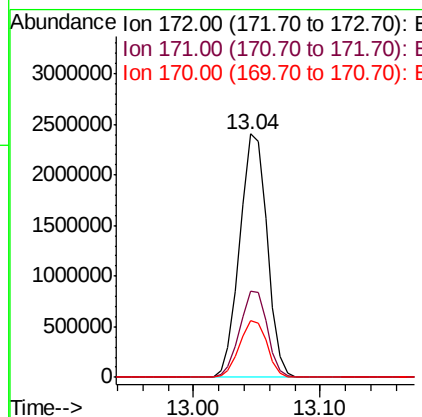
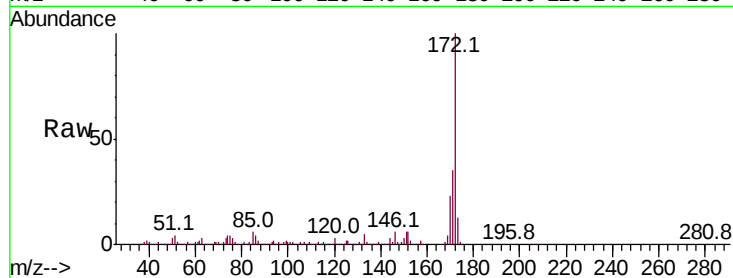


#45
 2-Fluorobiphenyl
 Concen: 45.559 ng
 RT: 13.04 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

Tot Ion:172 Resp: 3601120

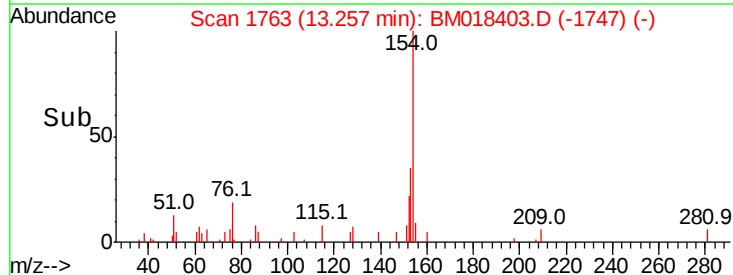
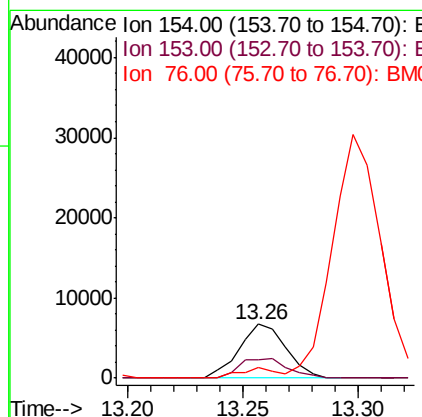
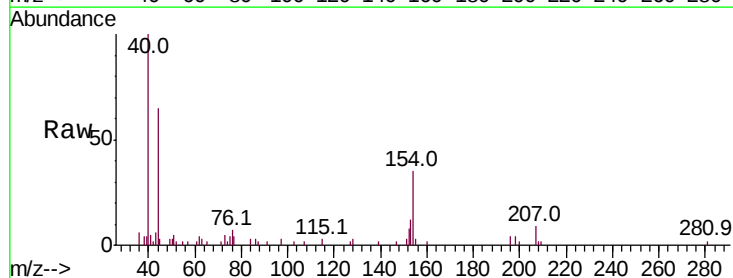
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.4	18.9	28.3

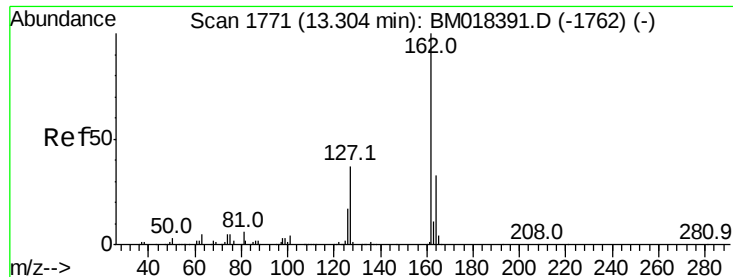


#46
 1,1'-Biphenyl
 Concen: 0.103 ng
 RT: 13.26 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

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

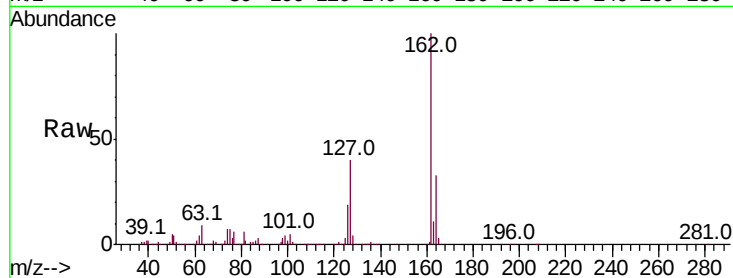
Tot Ion:162 Resp: 1422382

Ion Ratio Lower Upper

162 100

127 39.7 31.4 47.0

164 32.8 26.2 39.4

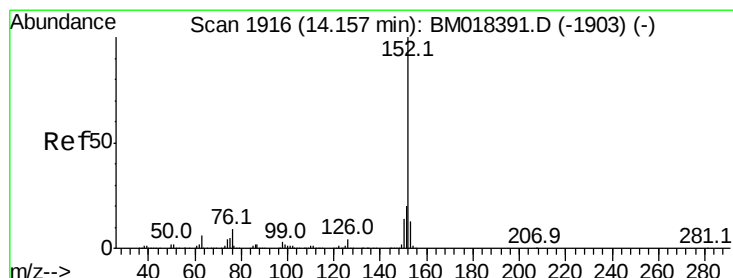
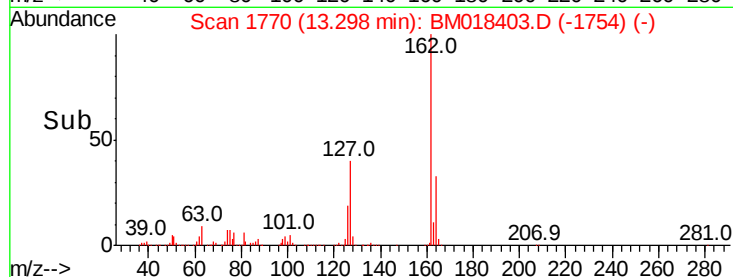
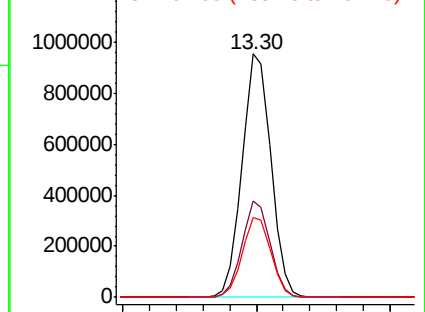


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#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

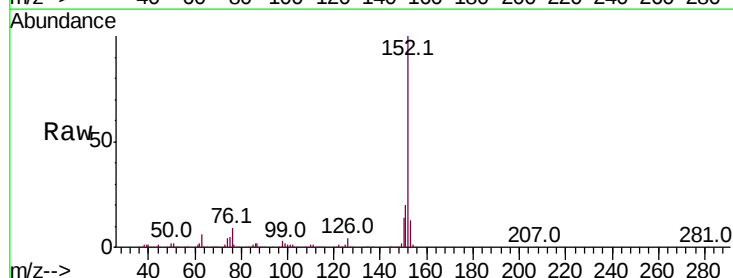
Tgt Ion:152 Resp: 2599520

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

153 13.3 10.5 15.7

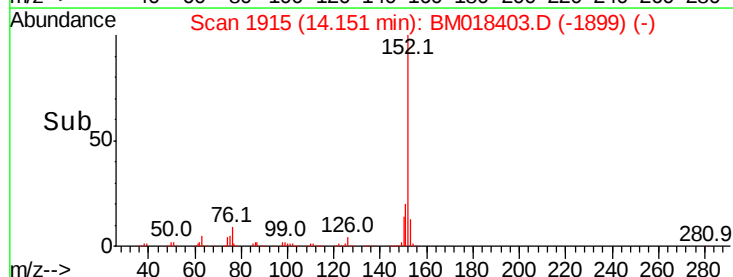
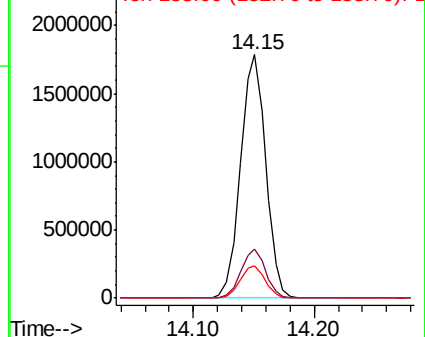


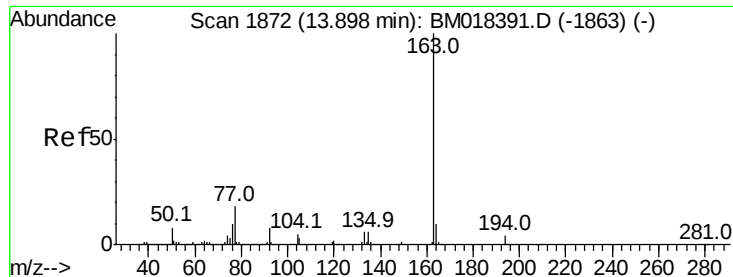
Abundance

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

Instrument :

BNA_M

ClientSampleId :

PB116034BS

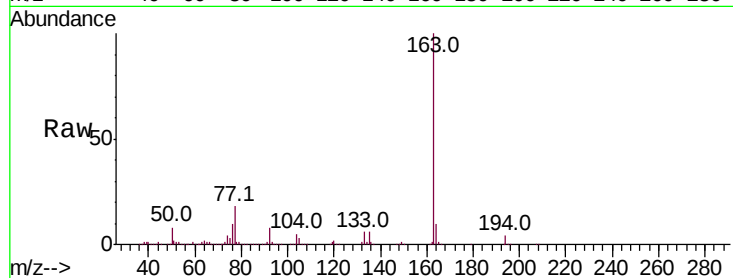
Tot Ion:163 Resp: 2473530

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

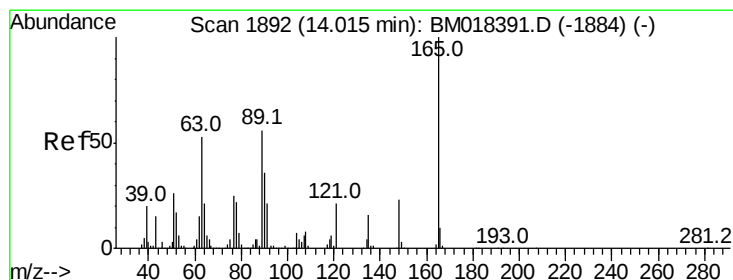
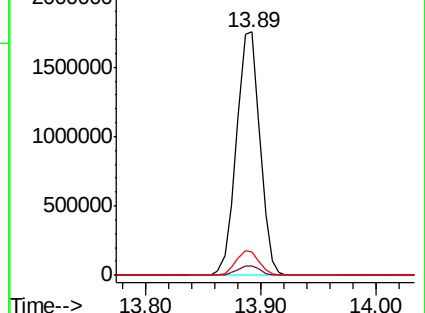
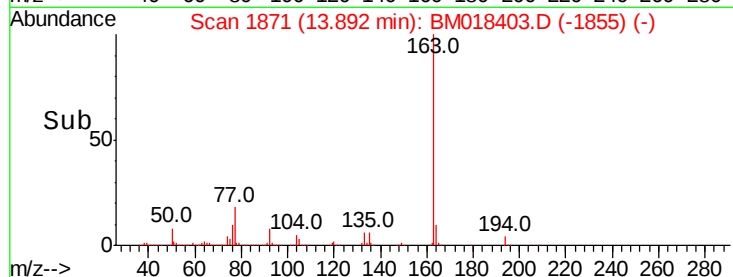
164 9.8 7.8 11.8



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

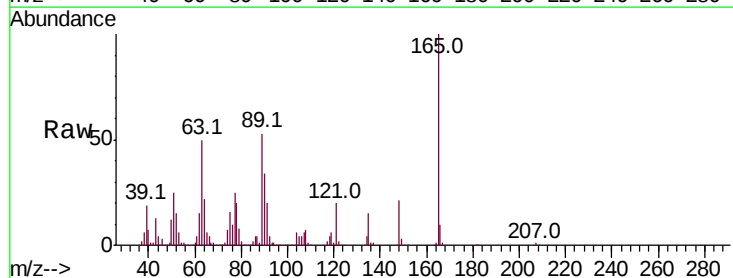
Tgt Ion:165 Resp: 499492

Ion Ratio Lower Upper

165 100

63 50.4 45.6 68.4

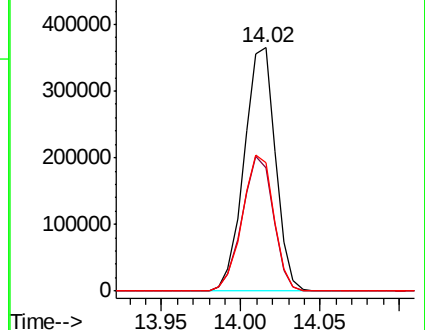
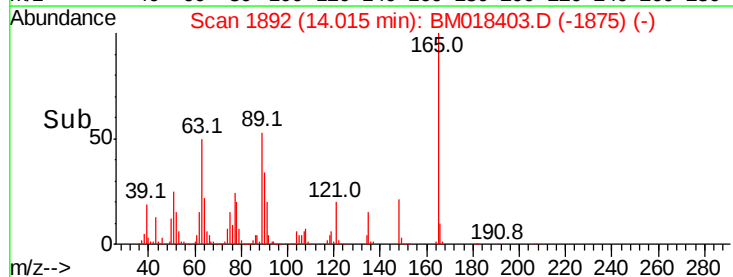
89 52.9 44.6 66.8

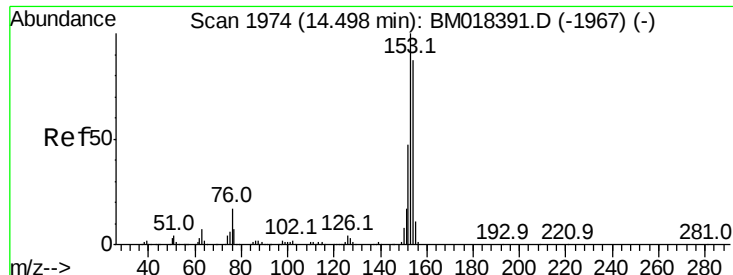


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#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

Instrument :

BNA_M

ClientSampleId :

PB116034BS

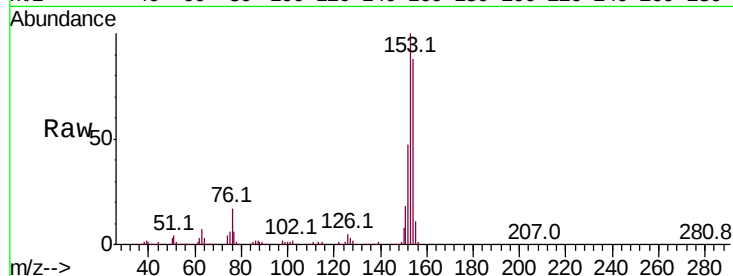
Tot Ion:154 Resp: 1578588

Ion Ratio Lower Upper

154 100

153 113.4 92.3 138.5

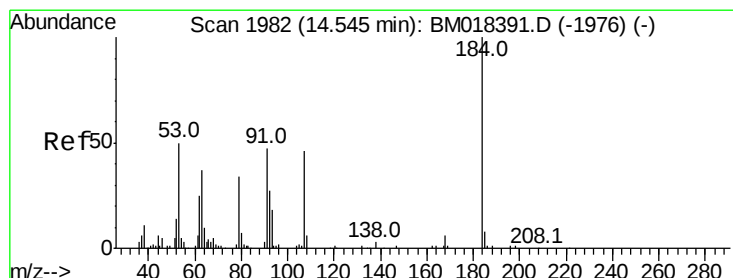
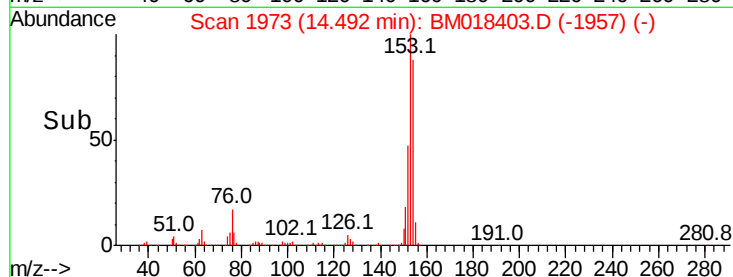
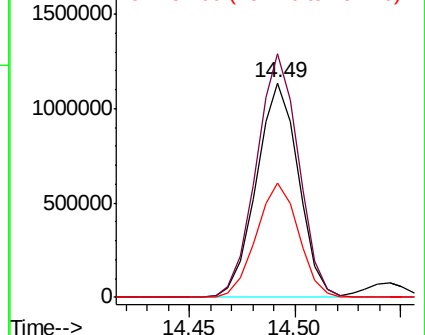
152 53.1 43.8 65.6



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

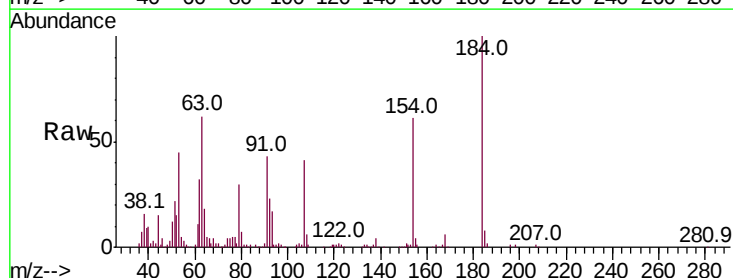
Tgt Ion:184 Resp: 172099

Ion Ratio Lower Upper

184 100

63 61.8 55.9 83.9

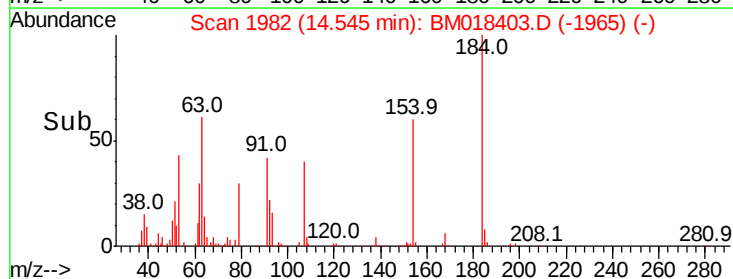
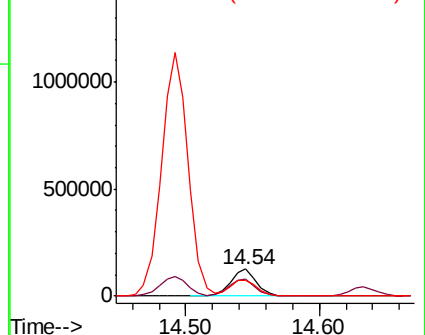
154 60.9 54.2 81.4

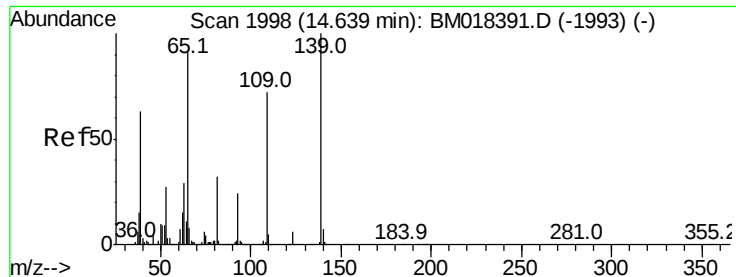


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#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

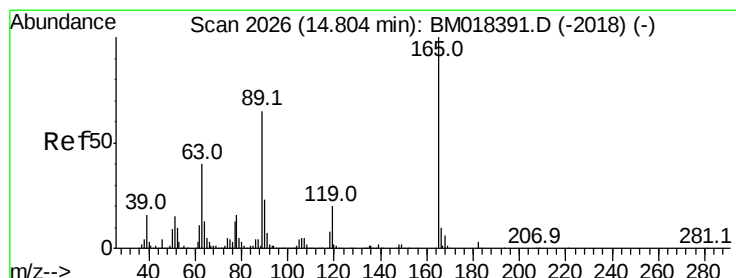
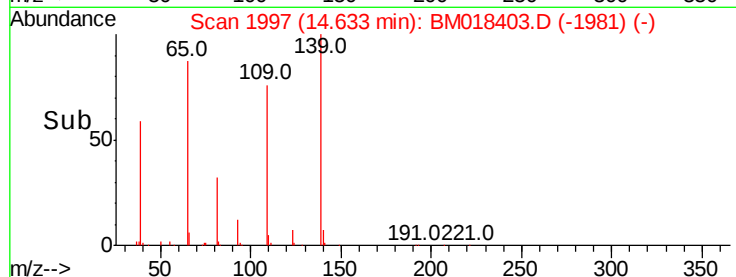
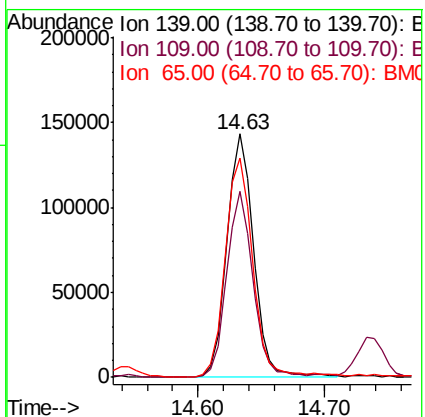
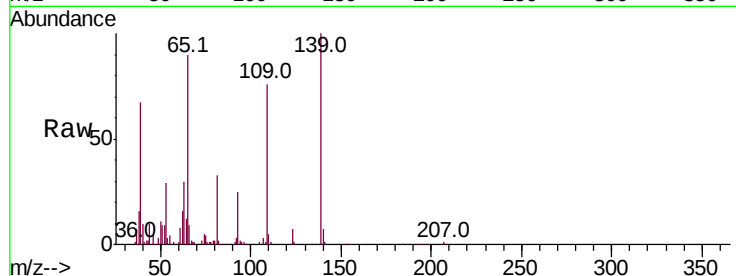
Tot Ion:139 Resp: 208544

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:165 Resp: 787668

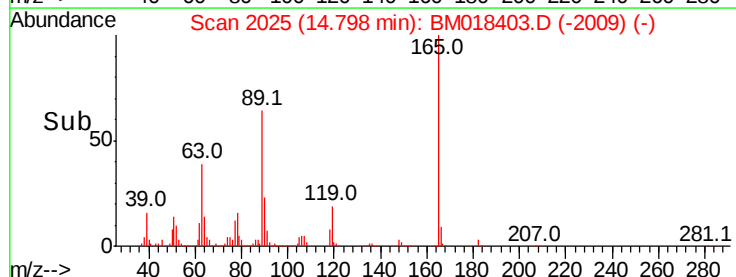
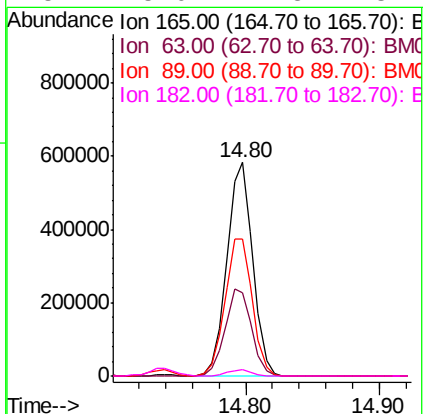
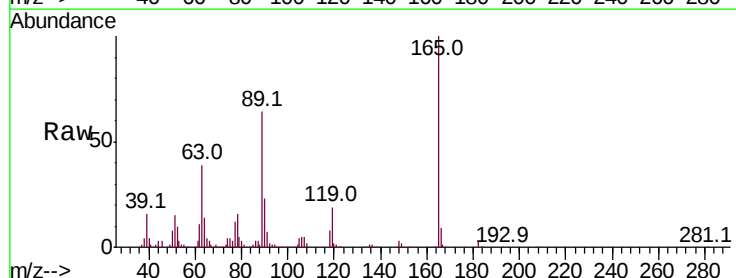
Ion Ratio Lower Upper

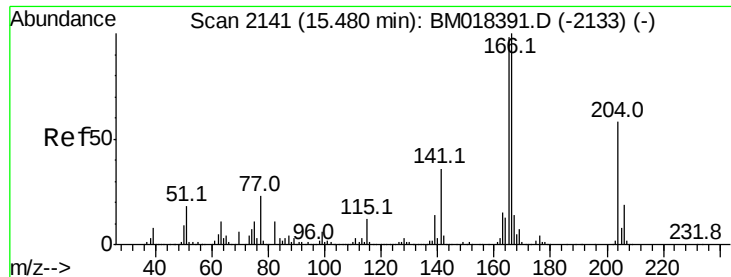
165 100

63 39.1 32.2 48.2

89 64.2 52.1 78.1

182 3.0 2.5 3.7

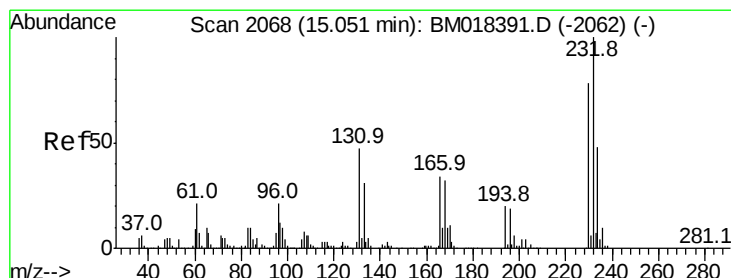
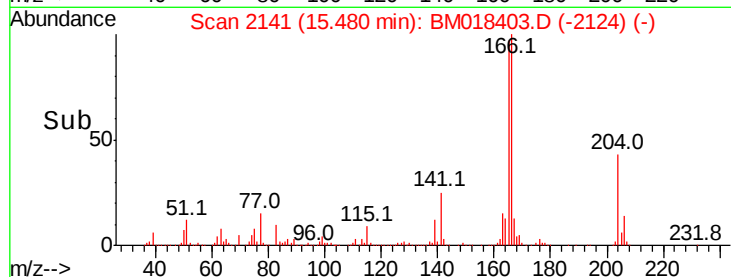
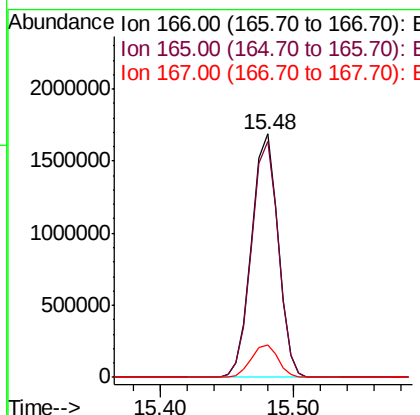
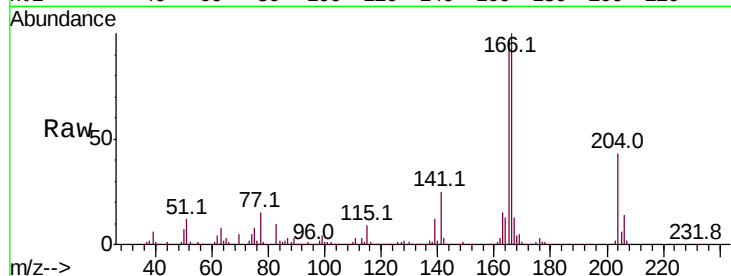




#58
 Fluorene
 Concen: 27.842 ng
 RT: 15.48 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

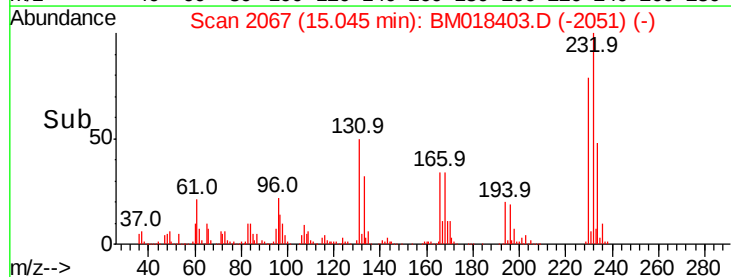
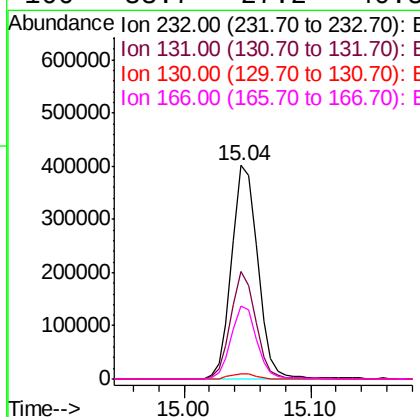
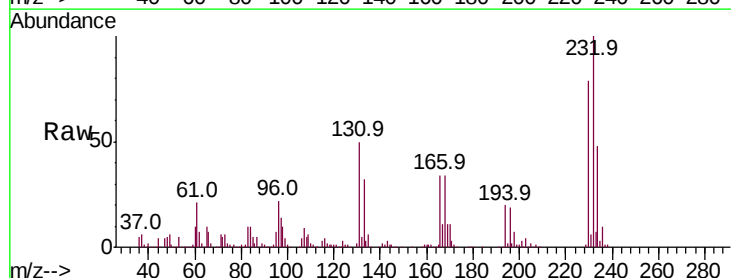
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

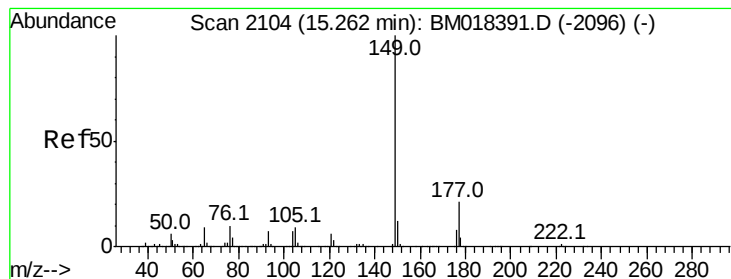
Tot Ion:166 Resp: 2309949
 Ion Ratio Lower Upper
 166 100
 165 96.7 78.3 117.5
 167 13.3 10.9 16.3



#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





#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

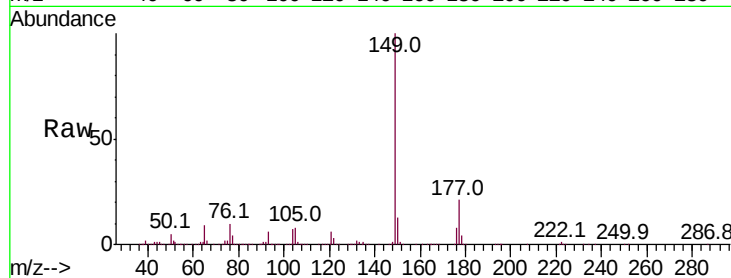
Tot Ion:149 Resp: 2759523

Ion Ratio Lower Upper

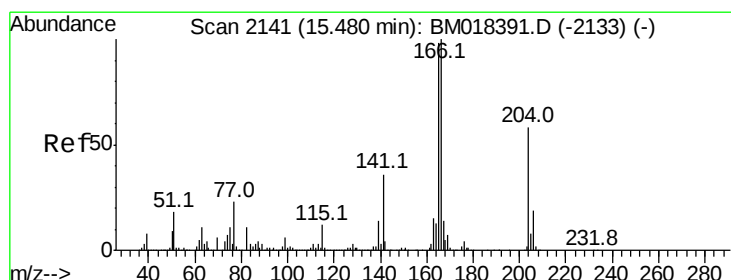
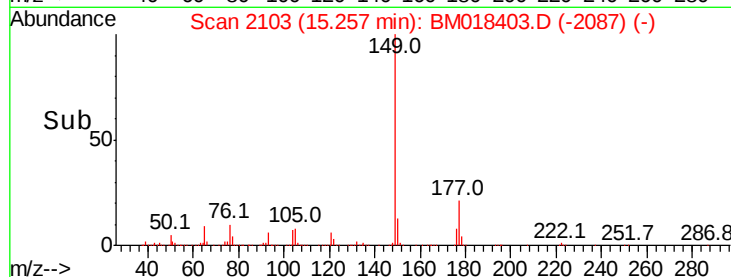
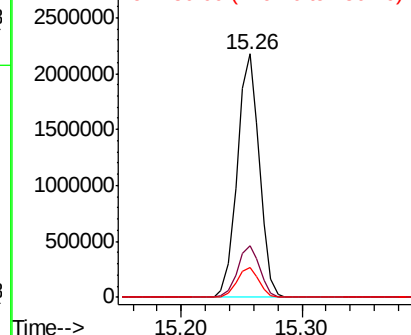
149 100

177 21.2 17.1 25.7

150 12.5 9.8 14.6



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



#61

4-Chlorophenyl-phenylether

Concen: 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

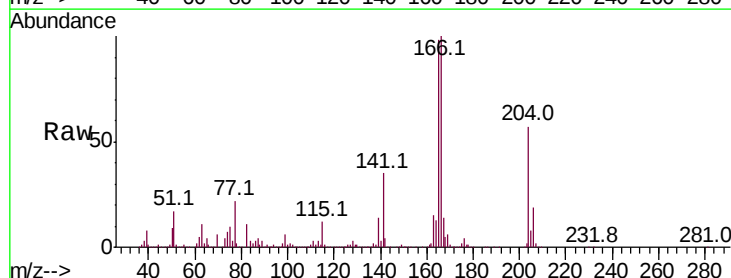
Tgt Ion:204 Resp: 1116887

Ion Ratio Lower Upper

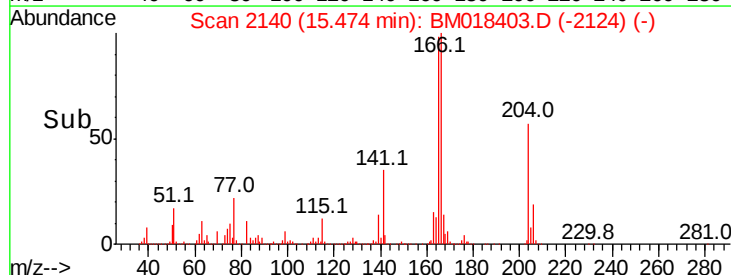
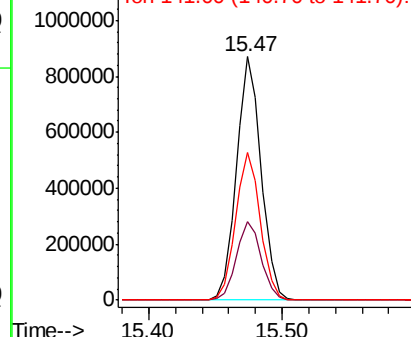
204 100

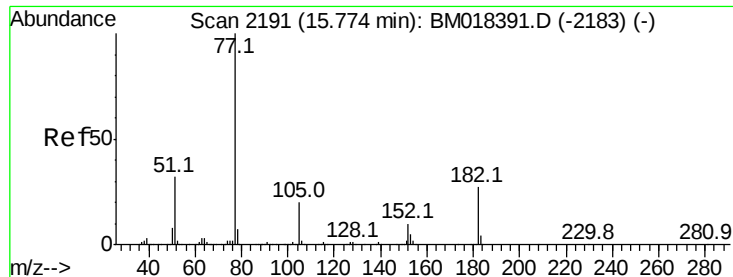
206 32.4 25.8 38.6

141 60.6 49.5 74.3



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





#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

Instrument :

BNA_M

ClientSampleId :

PB116034BS

Tot Ion: 77 Resp: 2196992

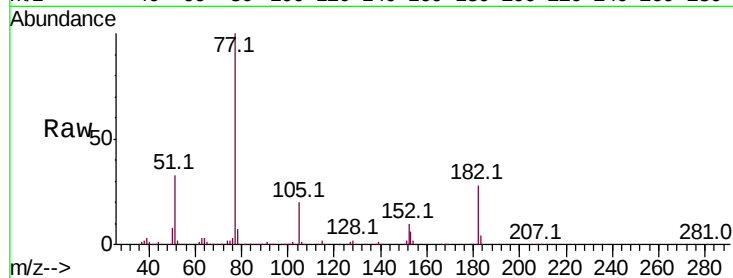
Ion	Ratio	Lower	Upper
77	100		
182	27.6	7.4	47.4
105	19.9	0.0	39.6
51	32.6	12.0	52.0

77 100

182 27.6 7.4 47.4

105 19.9 0.0 39.6

51 32.6 12.0 52.0



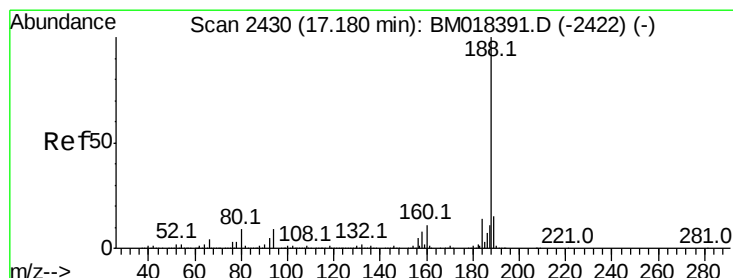
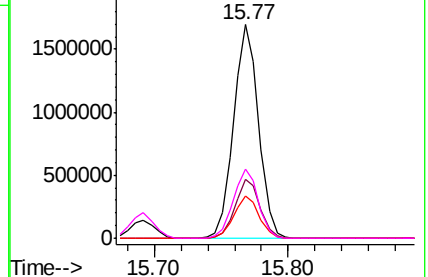
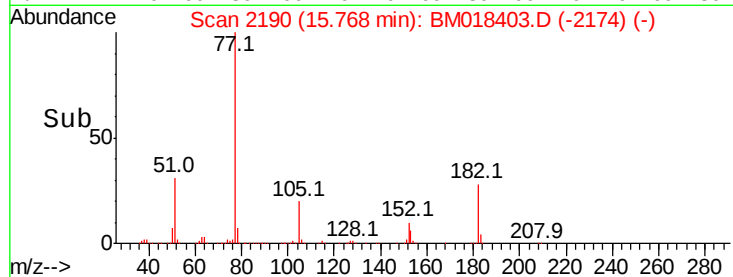
Abundance

Ion 77.00 (76.70 to 77.70): BM018391.D (-2183) (-)

Ion 182.00 (181.70 to 182.70): BM018391.D (-2183) (-)

Ion 105.00 (104.70 to 105.70): BM018391.D (-2183) (-)

Ion 51.00 (50.70 to 51.70): BM018391.D (-2183) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

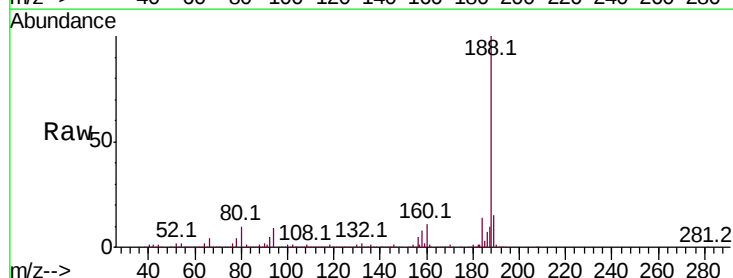
Tgt Ion: 188 Resp: 2463193

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.7	7.6	11.4

188 100

94 8.7 7.1 10.7

80 9.7 7.6 11.4

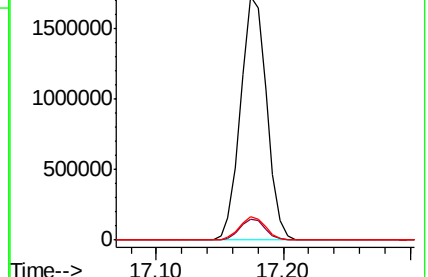
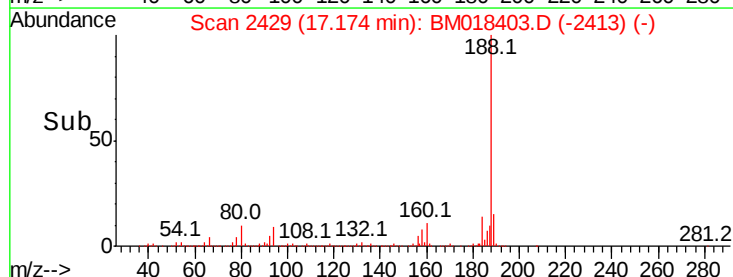


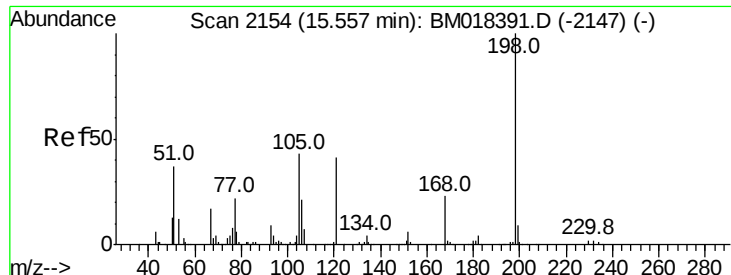
Abundance

Ion 188.00 (187.70 to 188.70): BM018391.D (-2422) (-)

Ion 94.00 (93.70 to 94.70): BM018391.D (-2422) (-)

Ion 80.00 (79.70 to 80.70): BM018391.D (-2422) (-)

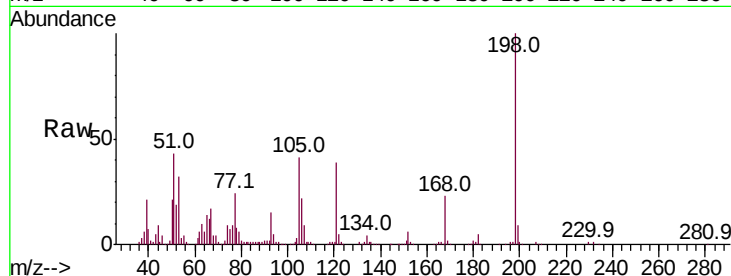




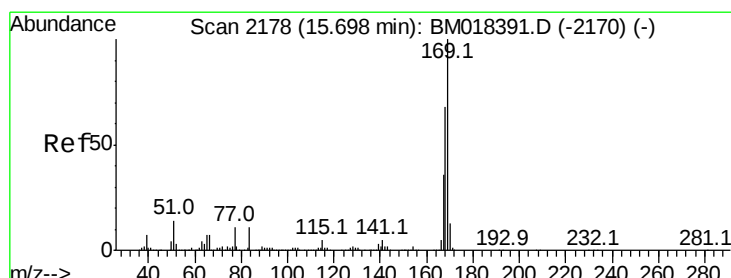
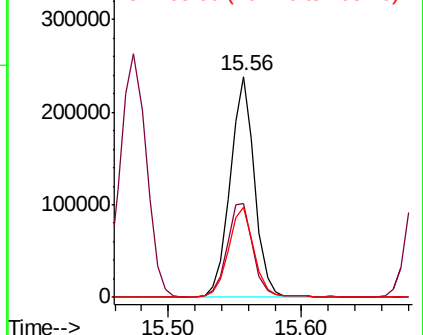
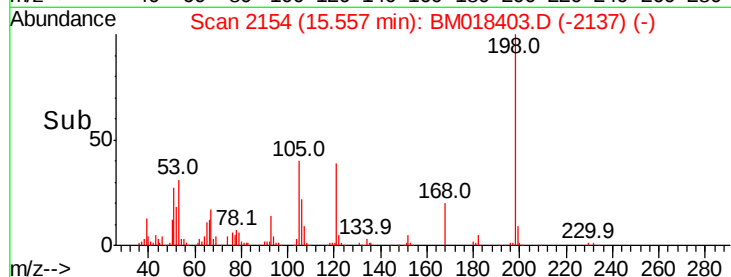
#65
4,6-Dinitro-2-methylphenol
Concen: 33.730 ng
RT: 15.56 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

Instrument :
BNA_M
ClientSampleId :
PB116034BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.6	29.6	69.6
105	40.7	25.5	65.5

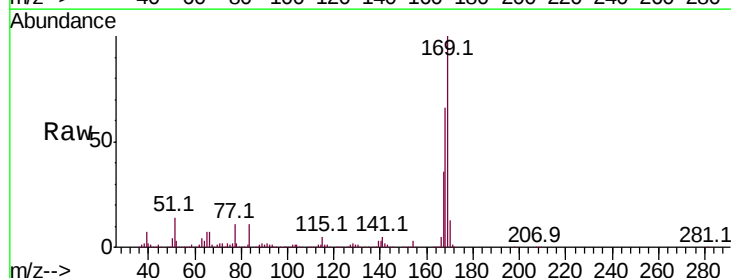


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

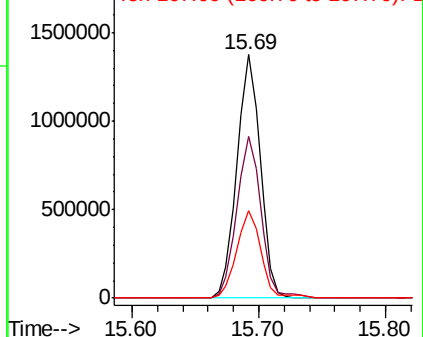
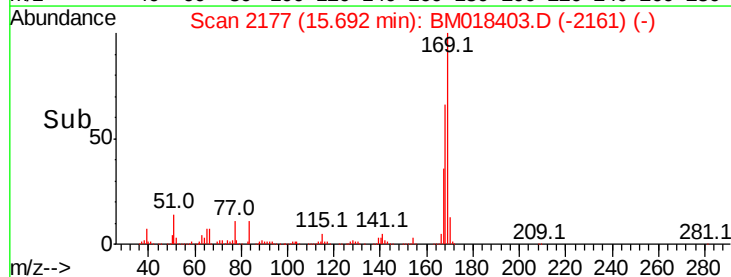


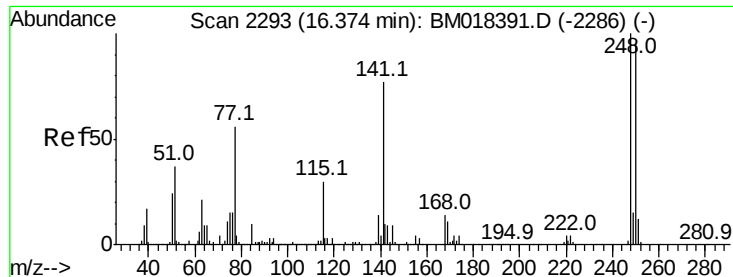
#66
n-Nitrosodiphenylamine
Concen: 22.857 ng
RT: 15.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

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



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

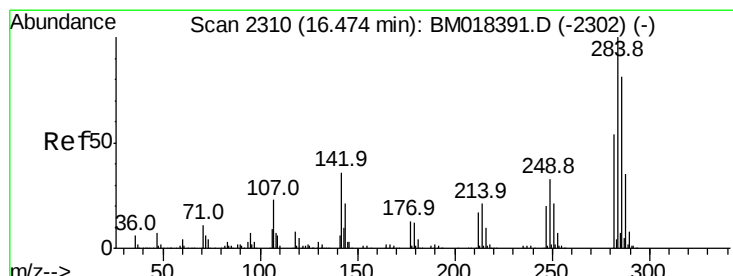
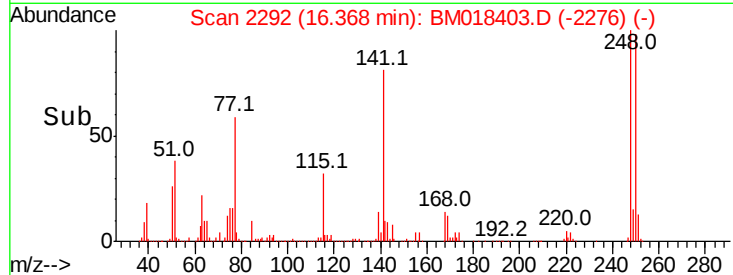
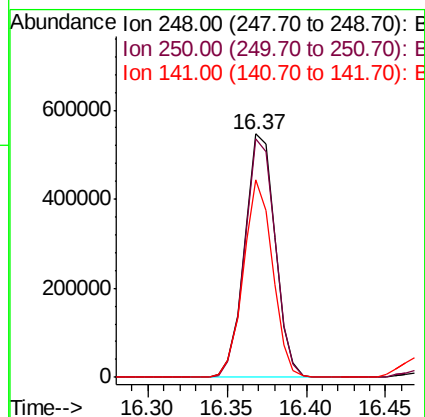
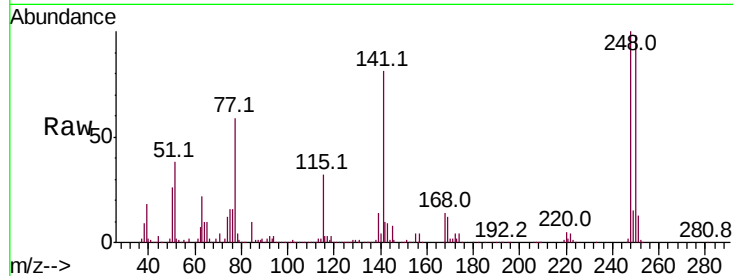




#67
 4-Bromophenyl-phenylether
 Concen: 27.227 ng
 RT: 16.37 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

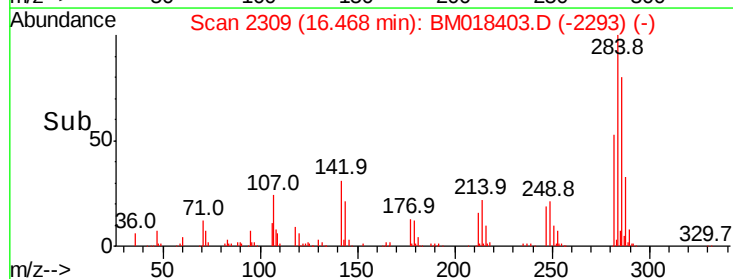
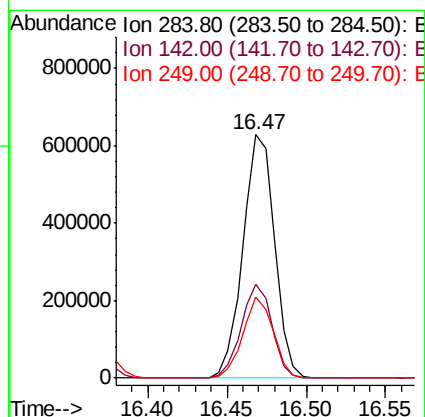
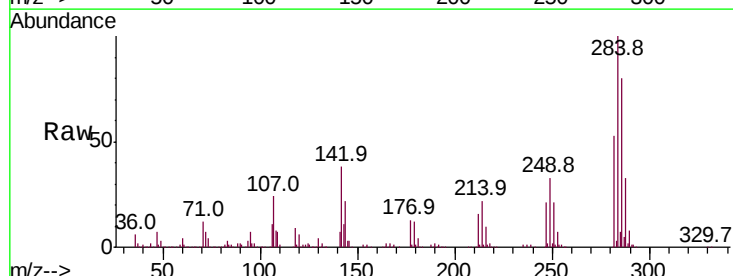
Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

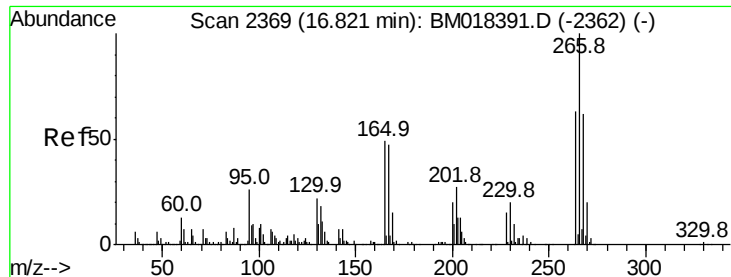
Tot Ion:248	Resp:	730320
Ion Ratio	Lower	Upper
248	100	
250	97.7	76.0 114.0
141	81.2	61.5 92.3



#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

Tgt Ion:284	Resp:	868093
Ion Ratio	Lower	Upper
284	100	
142	38.4	29.2 43.8
249	33.0	26.1 39.1

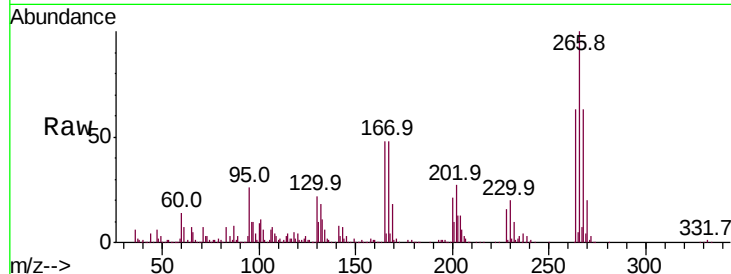




#70
 Pentachlorophenol
 Concen: 29.642 ng
 RT: 16.82 min Scan# 2368
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.8	74.6
264	62.8	50.1	75.1

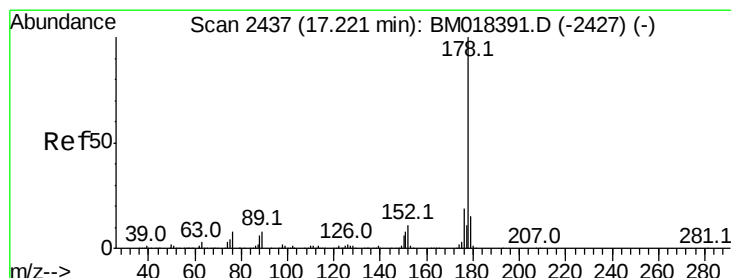
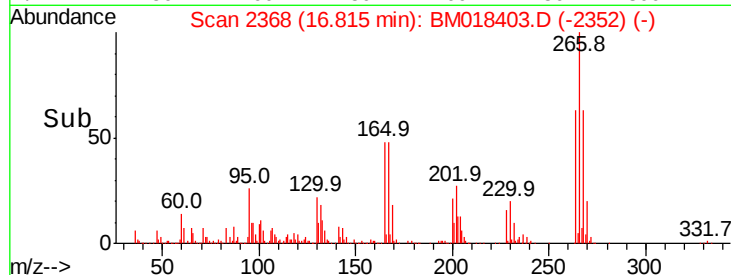
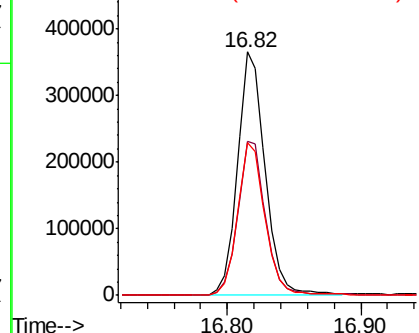


Abundance

Ion 265.70 (265.40 to 266.40): E

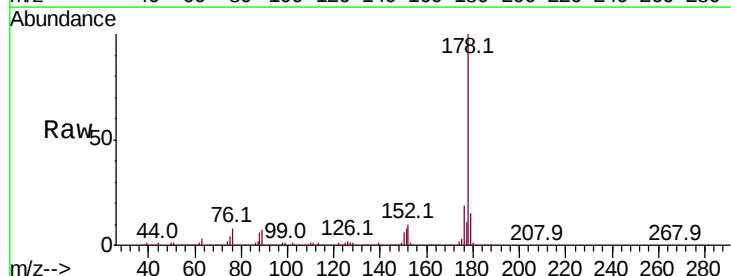
Ion 268.00 (267.70 to 268.70): E

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

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

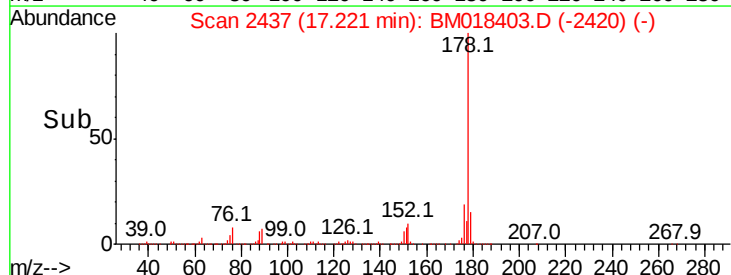
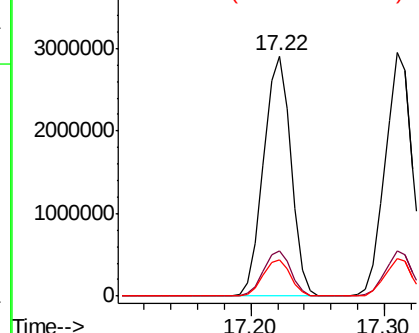


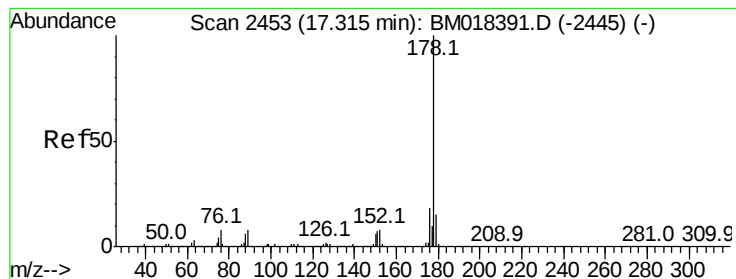
Abundance

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

Instrument :

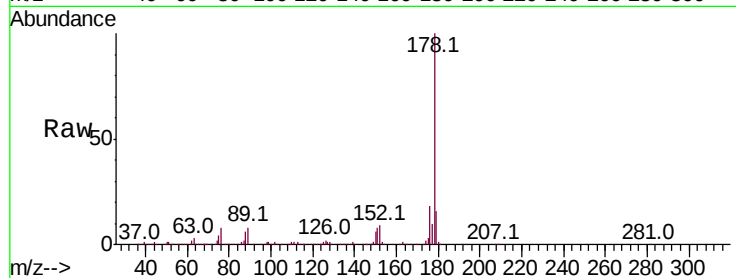
BNA_M

ClientSampleId :

PB116034BS

Tot Ion:178 Resp: 4096507

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.6	12.2	18.4

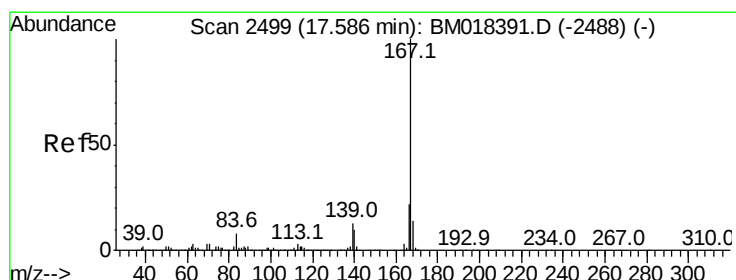
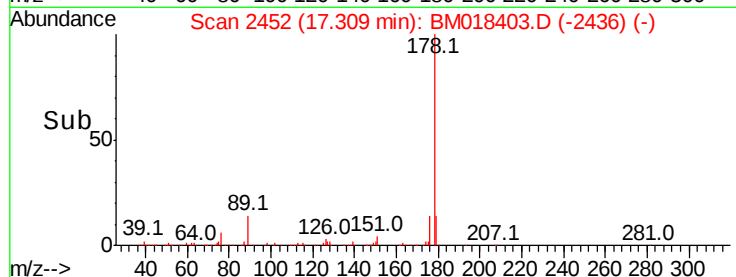
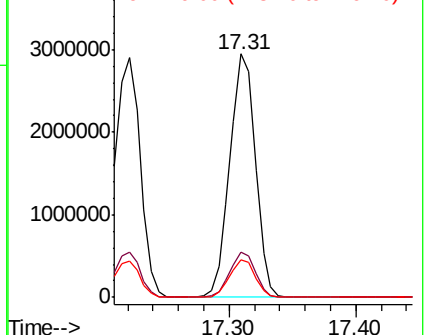


Abundance

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

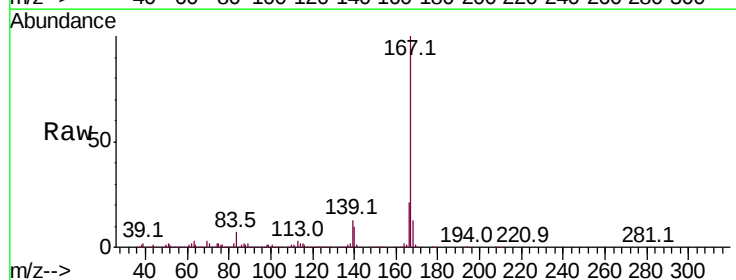
Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

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

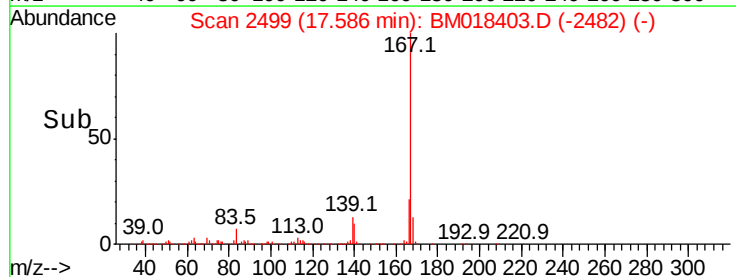
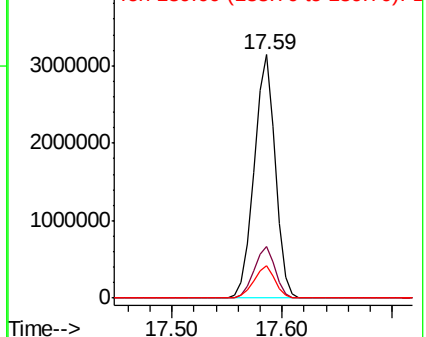


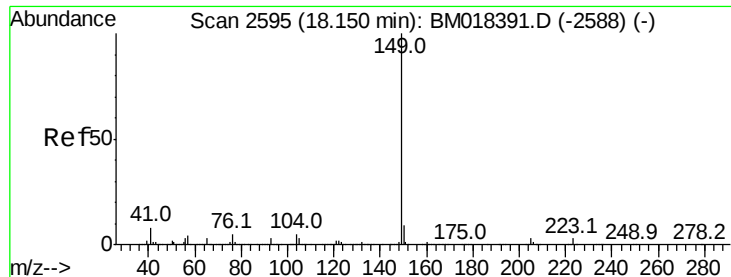
Abundance

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

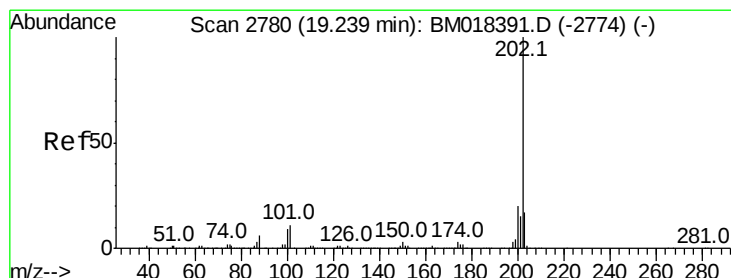
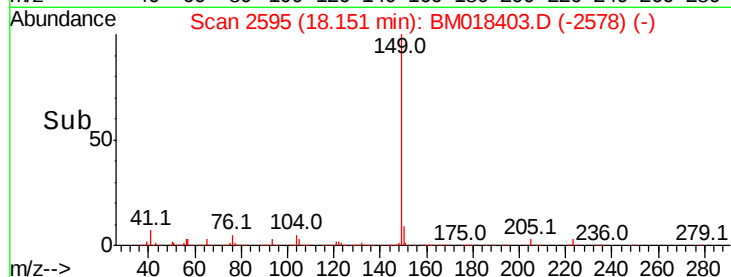
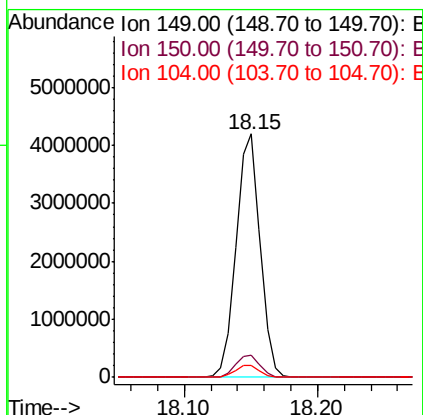
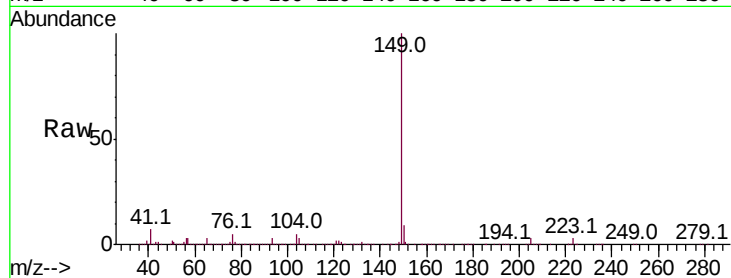




#74
Di-n-butylphthalate
Concen: 33.703 ng
RT: 18.15 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

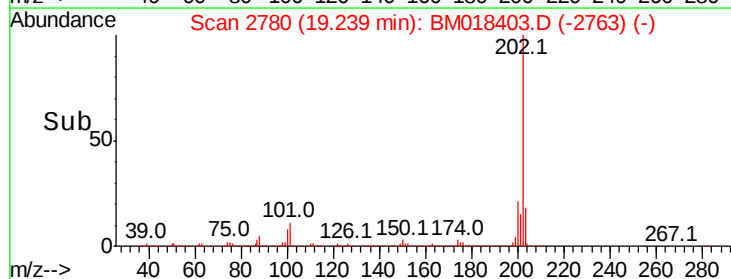
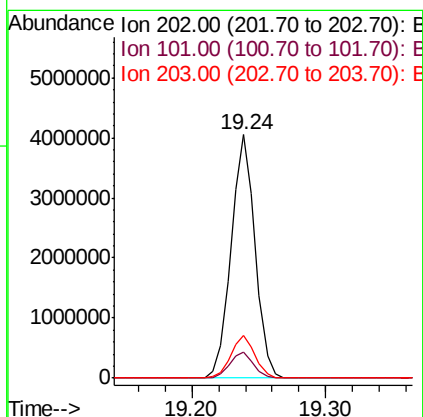
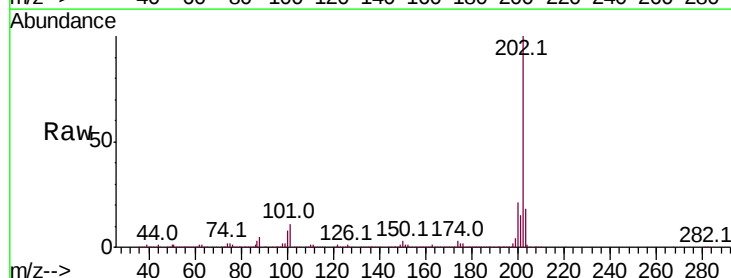
Instrument :
BNA_M
ClientSampleId :
PB116034BS

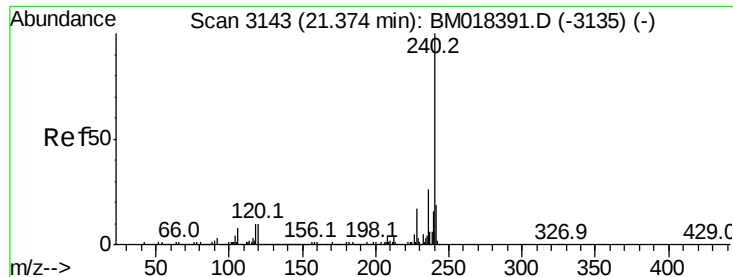
Tot Ion:149 Resp: 5225473
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.9 4.2 6.4



#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

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





#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

Instrument :

BNA_M

ClientSampleId :

PB116034BS

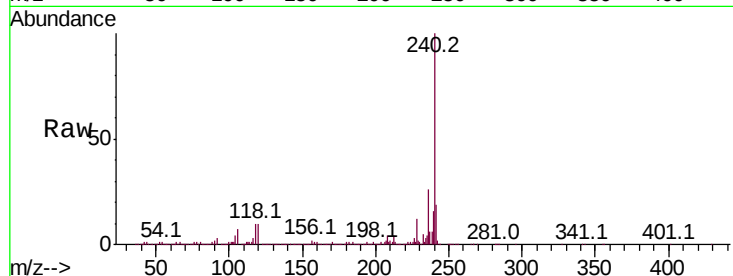
Tot Ion:240 Resp: 2646843

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

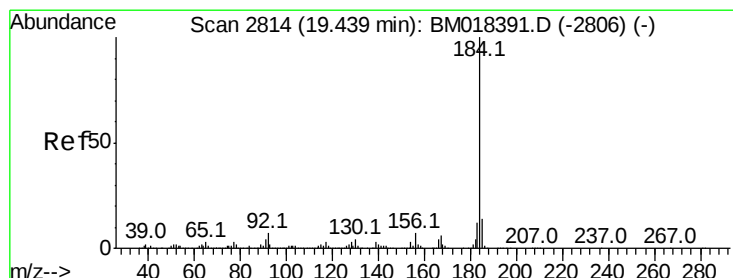
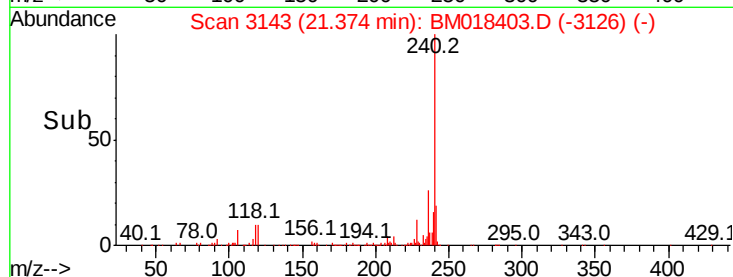
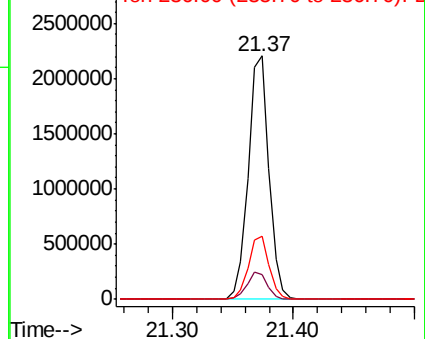
236 26.2 20.7 31.1



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

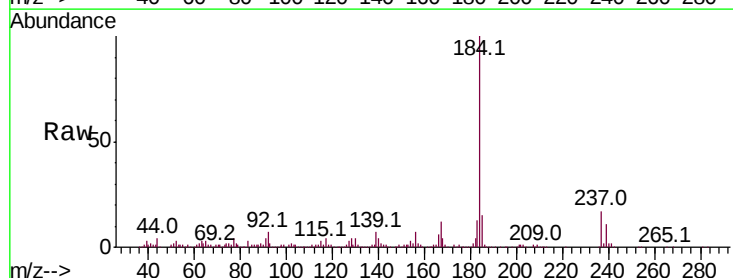
Tgt Ion:184 Resp: 754769

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.0

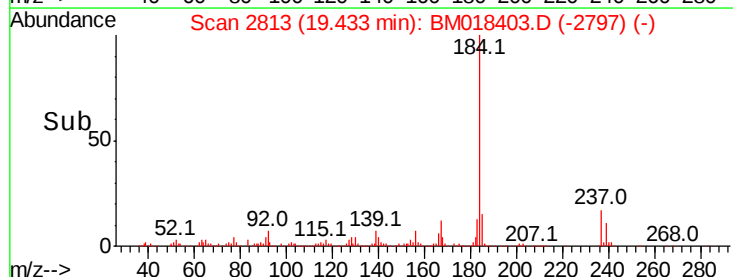
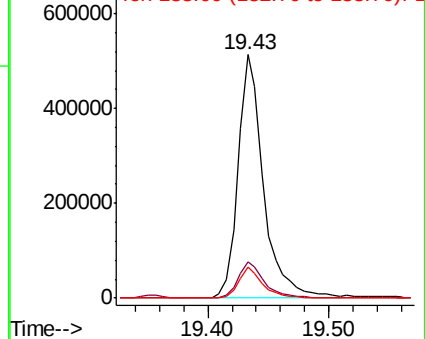
183 12.6 9.5 14.3

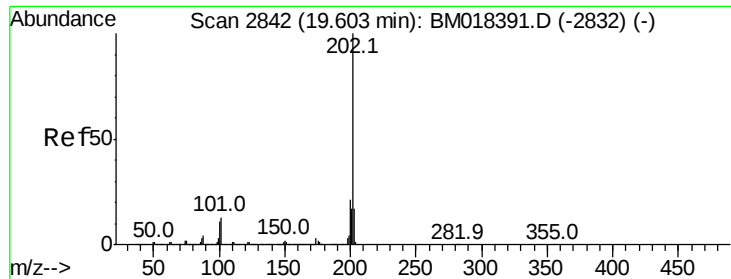


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

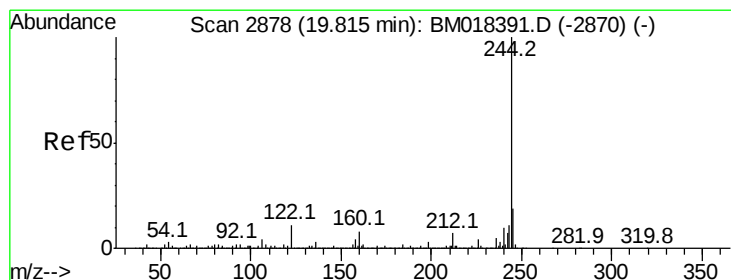
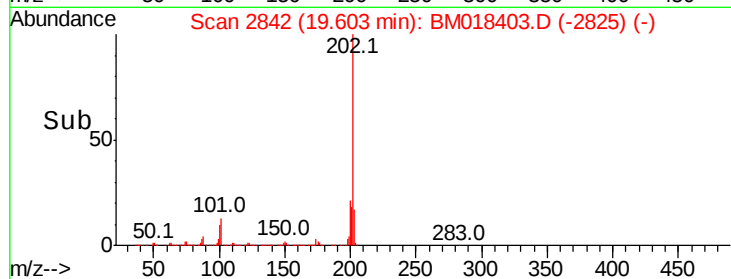
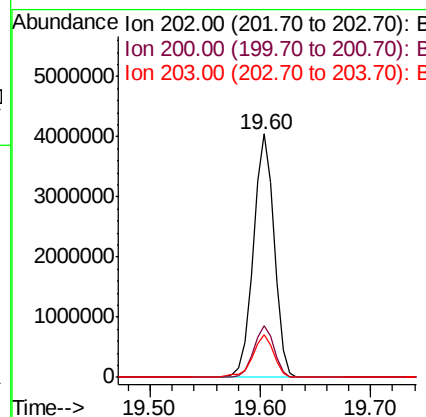
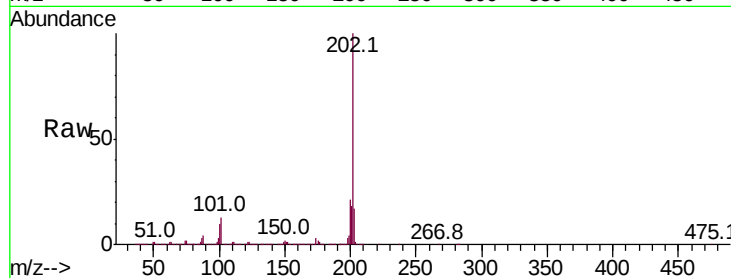




#78
Pvrene
Concen: 34.741 ng
RT: 19.60 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

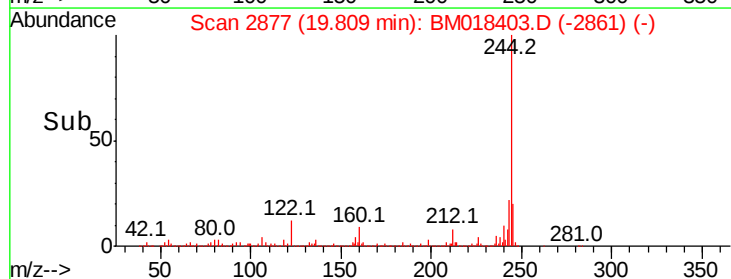
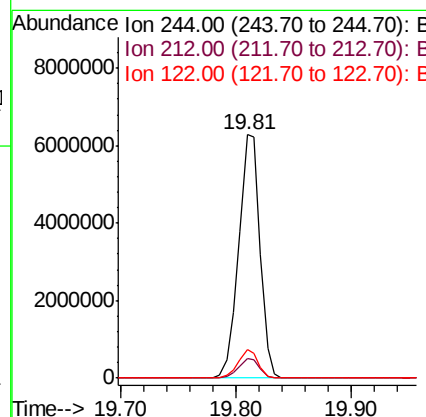
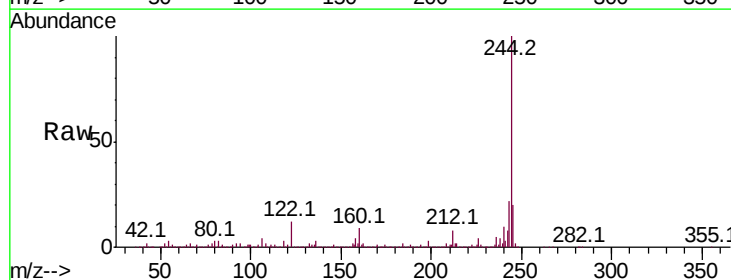
Instrument :
BNA_M
ClientSampleId :
PB116034BS

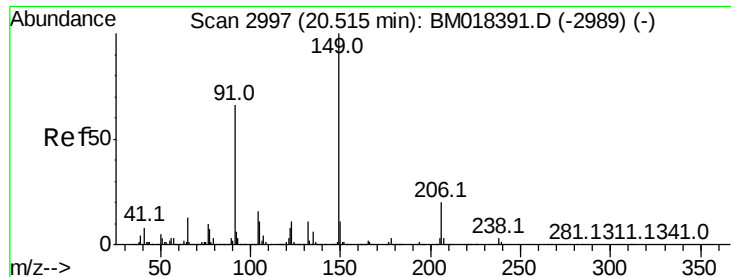
Tot Ion:202 Resp: 5337507
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.5 13.8 20.8



#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

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

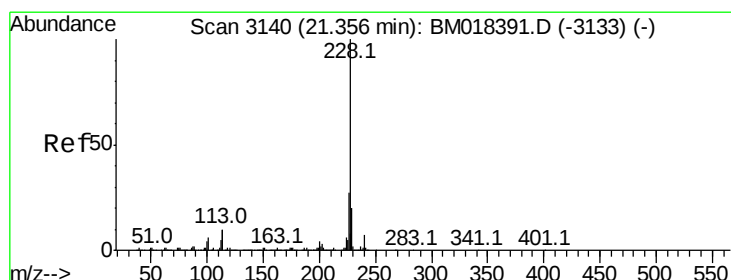
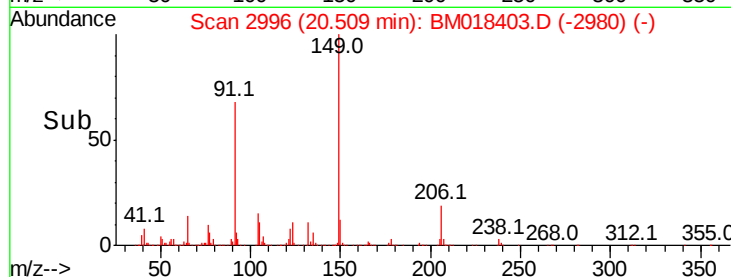
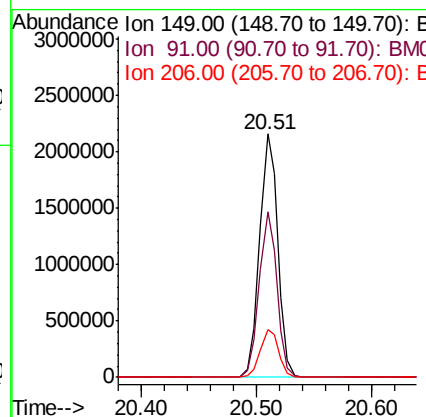
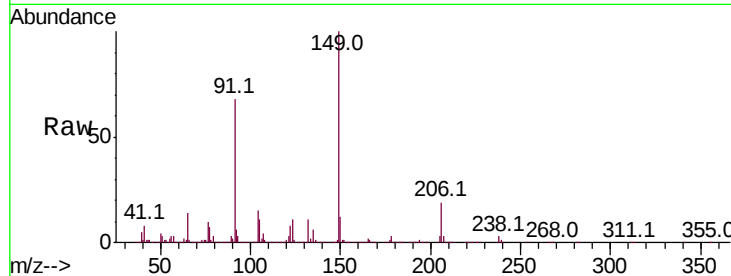




#80
Butylbenzylphthalate
Concen: 35.854 ng
RT: 20.51 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BM018403.D
Acq: 27 Dec 2018 19:17

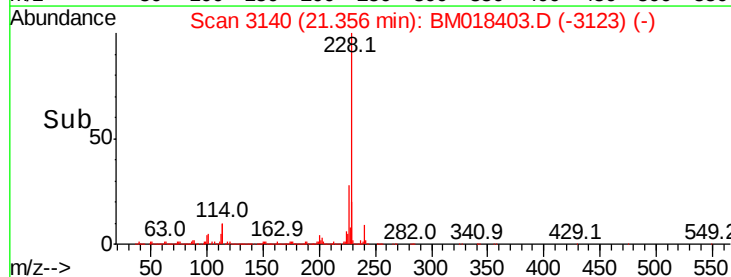
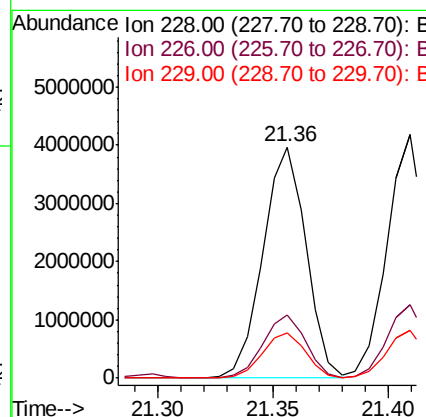
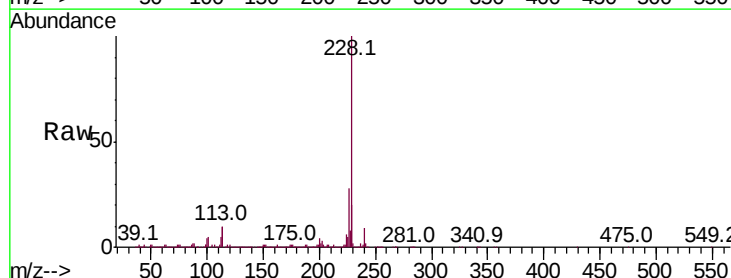
Instrument :
BNA_M
ClientSampleId :
PB116034BS

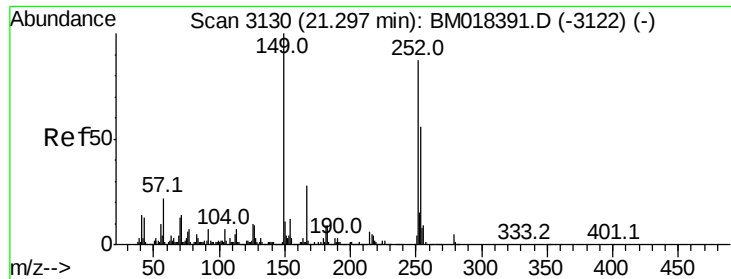
Tot Ion:149 Resp: 2362267
Ion Ratio Lower Upper
149 100
91 67.9 53.1 79.7
206 19.5 16.2 24.4



#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

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



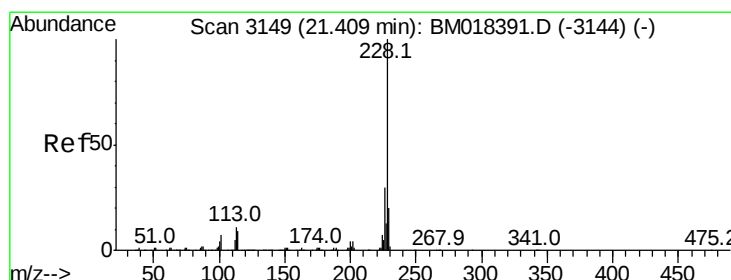
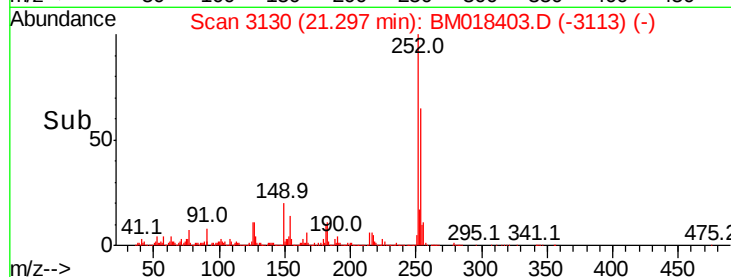
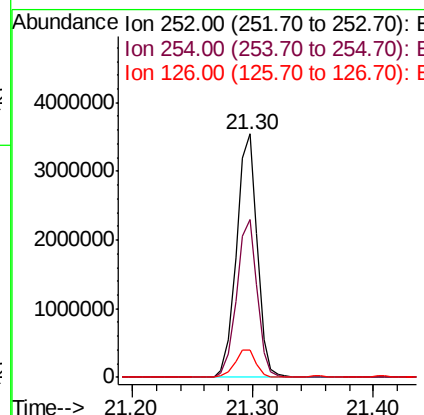
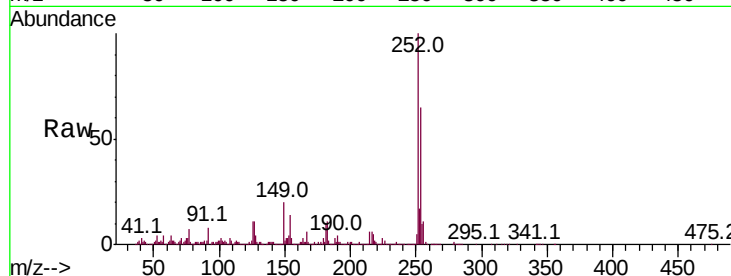


#82
 3,3'-Dichlorobenzidine
 Concen: 70.839 ng
 RT: 21.30 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

Tot Ion:252 Resp: 4230938

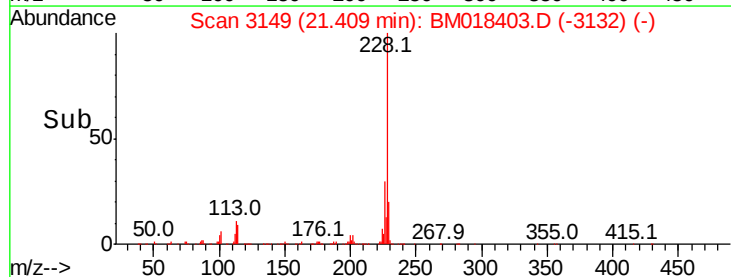
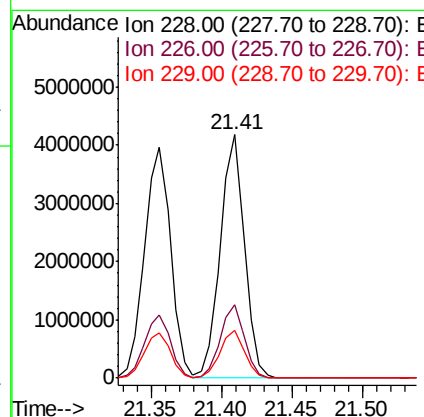
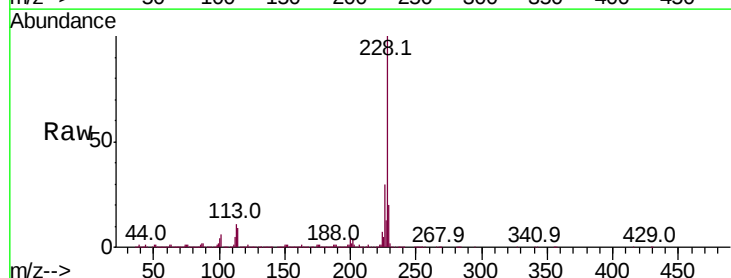
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.4	77.0
126	11.0	8.7	13.1

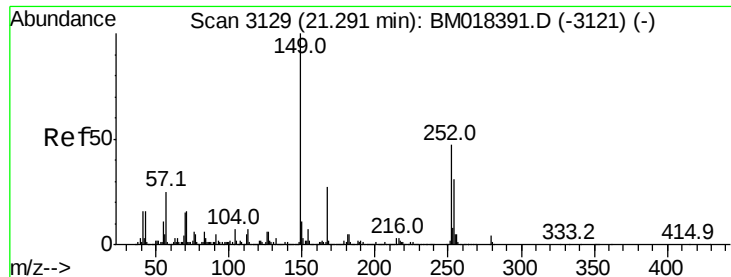


#83
 Chrysene
 Concen: 33.167 ng
 RT: 21.41 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

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





#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

Instrument :

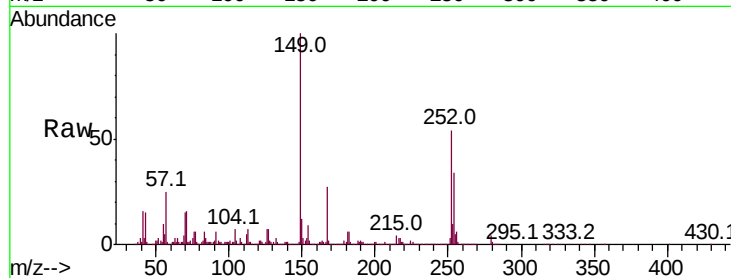
BNA_M

ClientSampleId :

PB116034BS

Tot Ion:149 Resp: 3335660

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.6	32.4
279	4.1	3.3	4.9

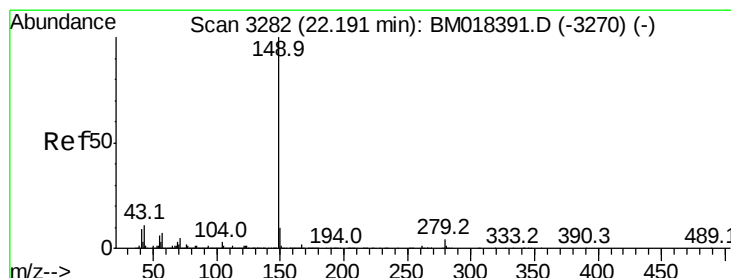
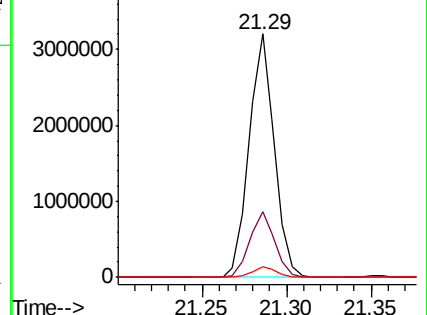
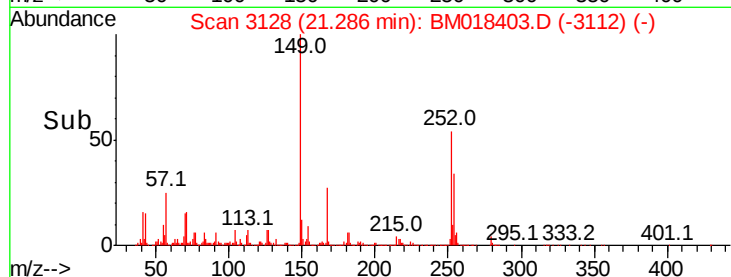


Abundance

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

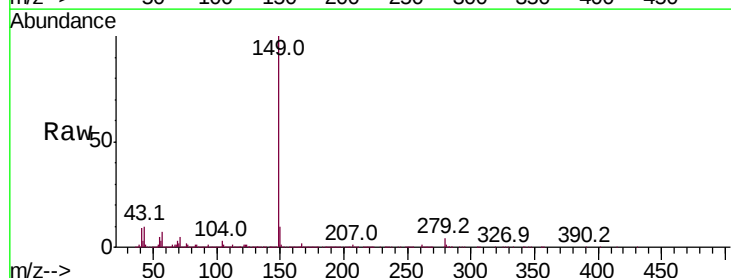
Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

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

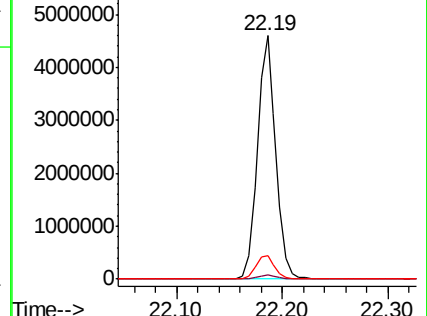
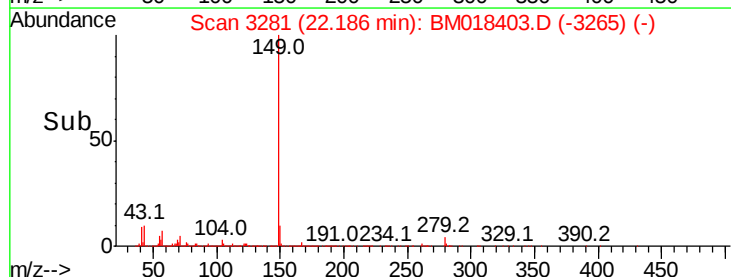


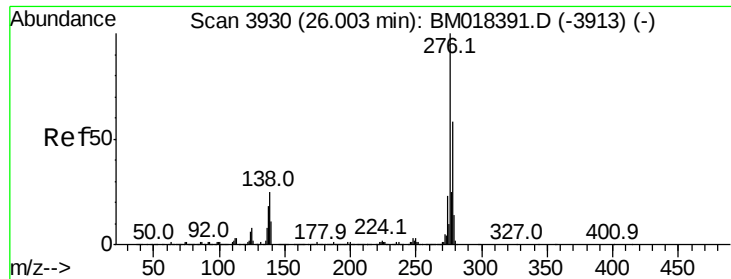
Abundance

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): BM0



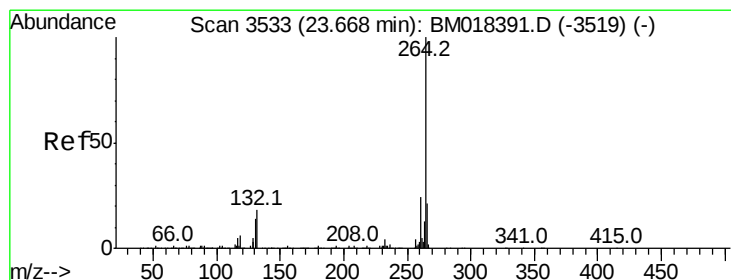
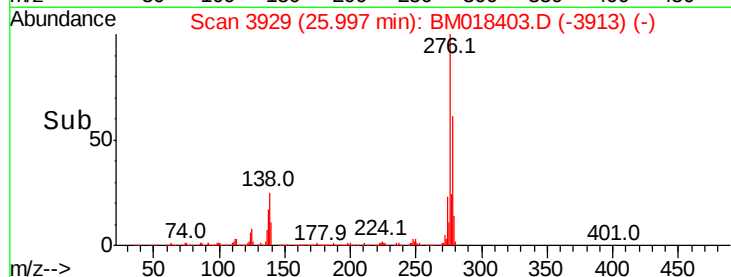
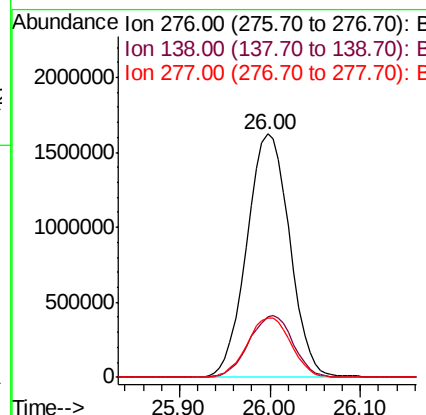
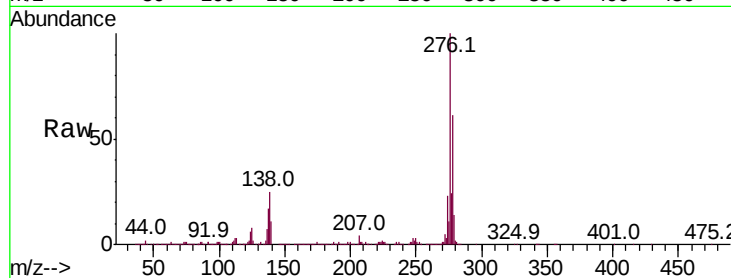


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 28.795 ng
 RT: 26.00 min Scan# 3929
 Delta R.T. -0.01 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BS

Tot Ion:276 Resp: 5345929

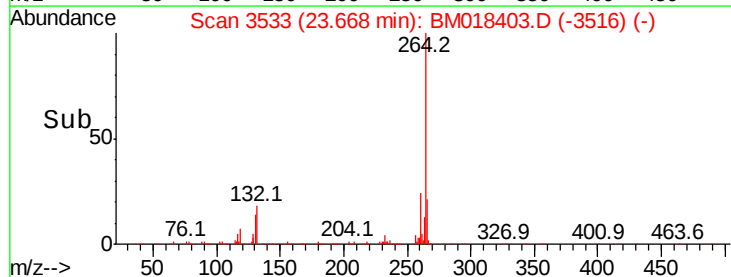
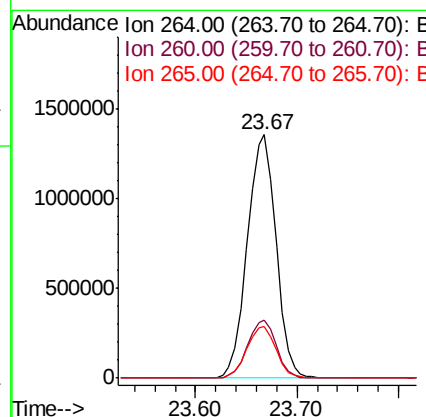
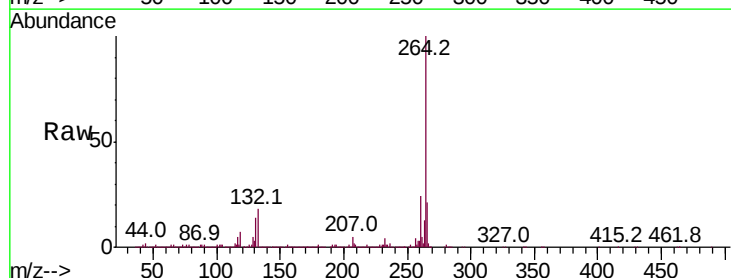
Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.5	32.3
277	25.2	20.2	30.2

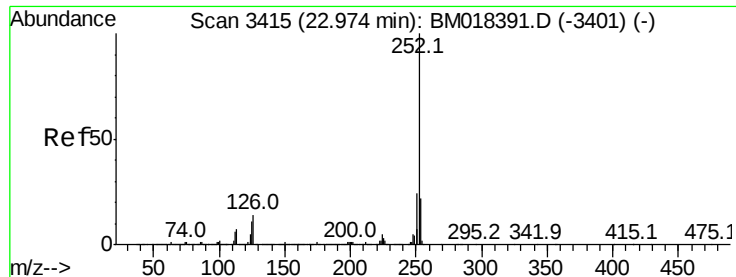


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.67 min Scan# 3533
 Delta R.T. 0.00 min
 Lab File: BM018403.D
 Acq: 27 Dec 2018 19:17

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

Instrument :

BNA_M

ClientSampleId :

PB116034BS

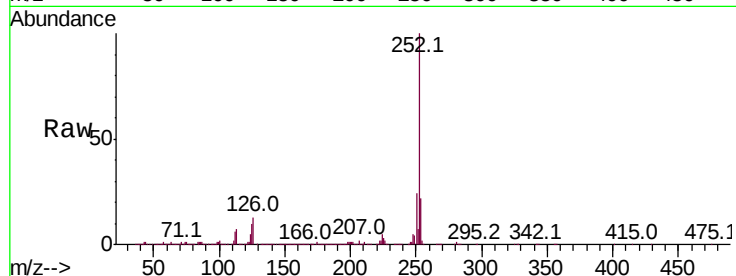
Tot Ion:252 Resp: 5303685

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 10.0 8.5 12.7

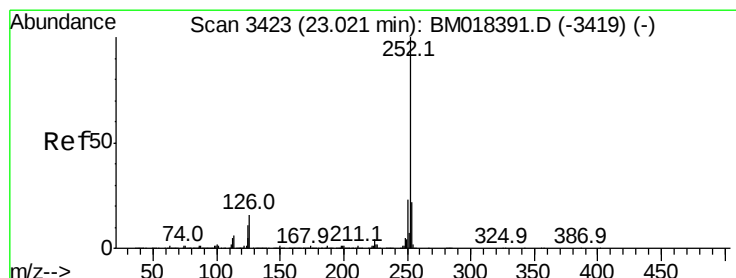
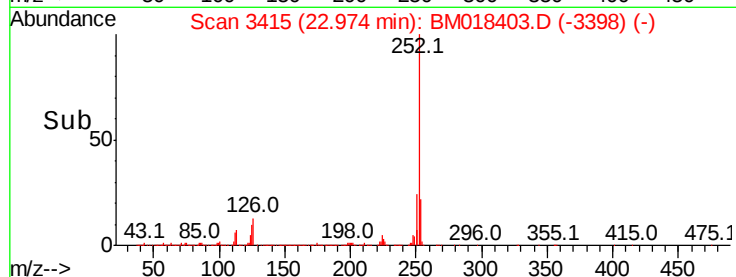
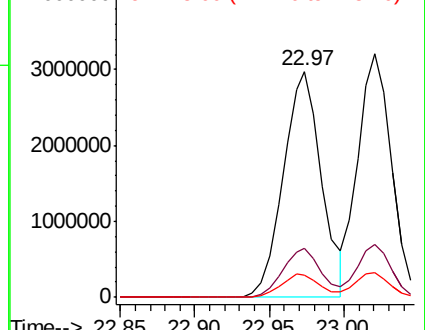


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 33.648 ng

RT: 23.02 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

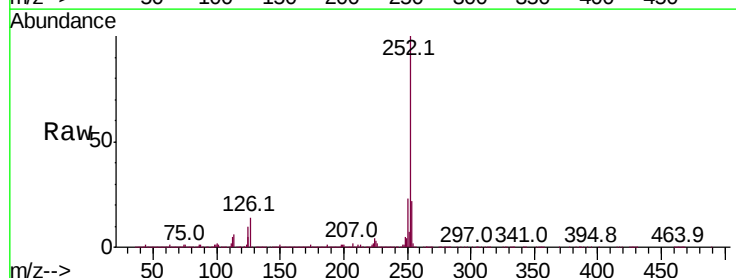
Tgt Ion:252 Resp: 5003725

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.3 8.6 12.8

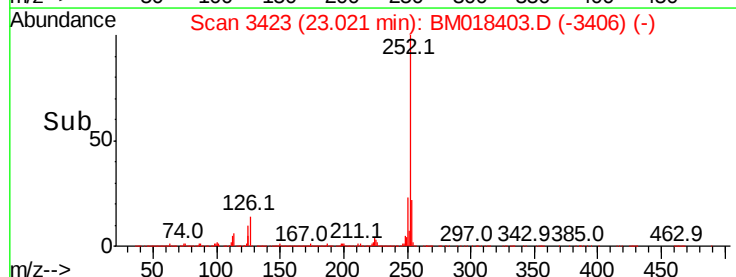
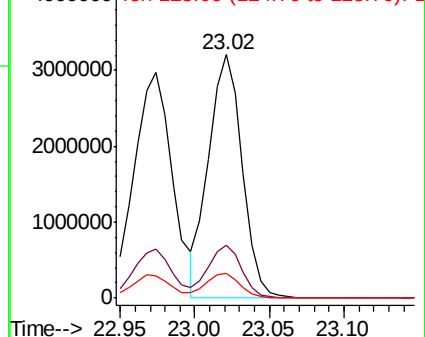


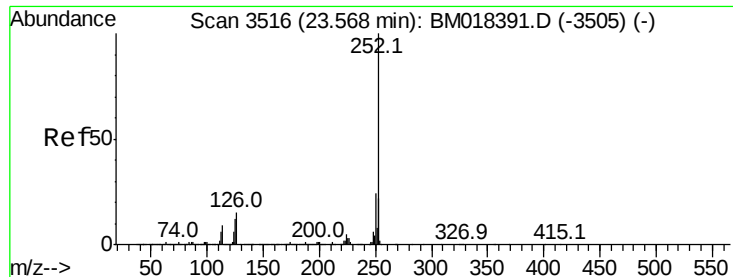
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 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

Instrument :

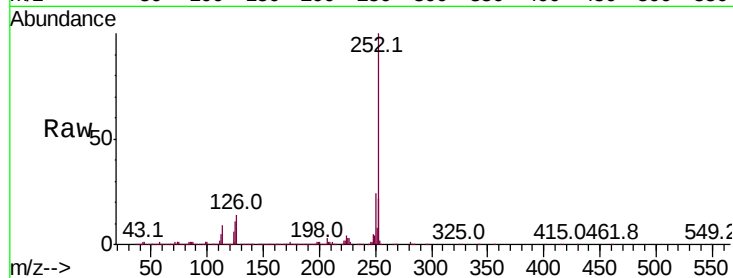
BNA_M

ClientSampleId :

PB116034BS

Tot Ion:252 Resp: 4542059

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	11.0	9.7	14.5

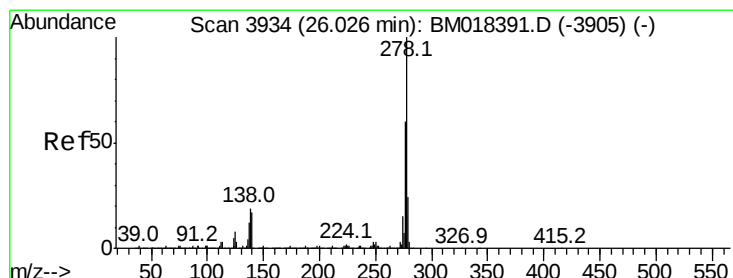
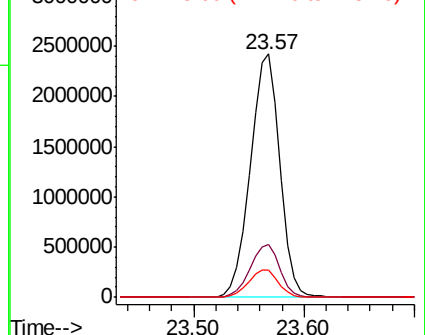
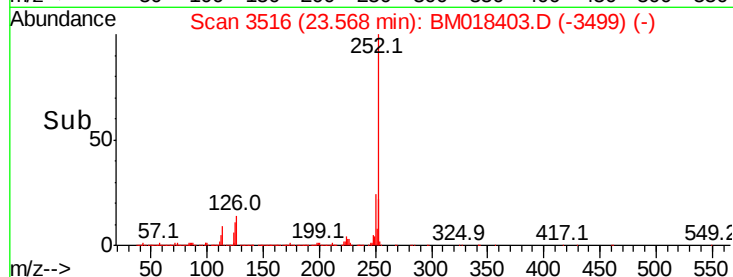


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 31.161 ng

RT: 26.01 min Scan# 3932

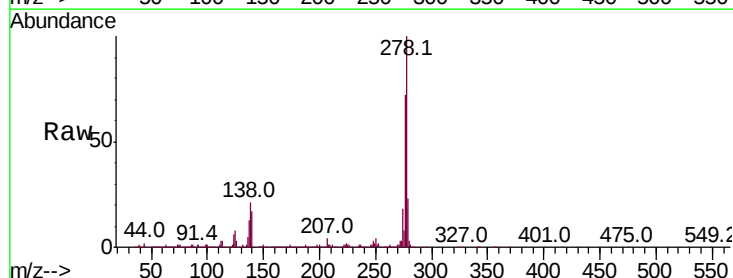
Delta R.T. -0.01 min

Lab File: BM018403.D

Acq: 27 Dec 2018 19:17

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

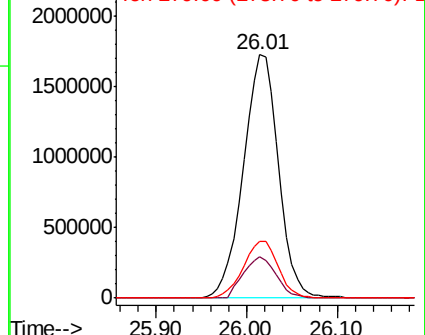
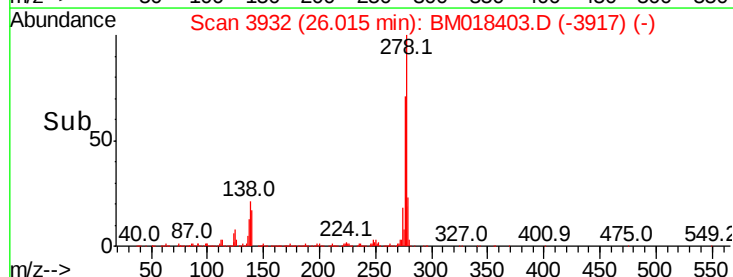


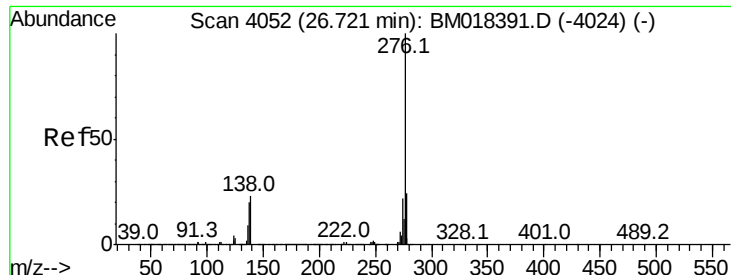
Abundance

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(a,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

Instrument :

BNA_M

ClientSampleId :

PB116034BS

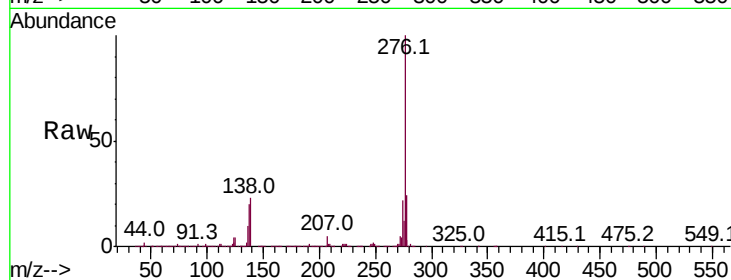
Tot Ion:276 Resp: 4049080

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

