

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018395.D
 Acq On : 27 Dec 2018 14:27
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 27 16:53:40 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	7.79	152	303162	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	1340600	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	812195	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	1888632	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2109480	20.00	ng	0.00
87) Perylene-d12	23.67	264	2248057	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1312482	81.62	ng	0.00
7) Phenol-d6	6.95	99	1860555	83.33	ng	0.00
23) Nitrobenzene-d5	8.95	82	1906701	81.63	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	859398	83.28	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	4827240	80.50	ng	0.00
79) Terphenyl-d14	19.82	244	8320817	84.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	255330	38.990	ng	99
3) Pyridine	3.69	79	754771	41.785	ng	99
4) n-Nitrosodimethylamine	3.62	42	291755	39.613	ng	100
6) Aniline	7.12	93	1139117	40.903	ng	98
8) 2-Chlorophenol	7.35	128	798355	41.171	ng	99
9) Benzaldehyde	6.94	77	595853	38.012	ng	99
10) Phenol	6.97	94	946749	41.216	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	746978	41.718	ng	98
12) 1,3-Dichlorobenzene	7.67	146	911827	40.030	ng	99
13) 1,4-Dichlorobenzene	7.82	146	926570	40.038	ng	99
14) 1,2-Dichlorobenzene	8.13	146	902879	39.763	ng	100
15) Benzyl Alcohol	8.03	79	722970	41.715	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	1134440	39.786	ng	99
17) 2-Methylphenol	8.22	107	670799	41.222	ng	98
18) Hexachloroethane	8.86	117	332995	40.313	ng	98
19) n-Nitroso-di-n-propylamine	8.60	70	688614	40.485	ng	98
20) 3+4-Methylphenols	8.55	107	922865	42.272	ng	98
22) Acetophenone	8.61	105	1367135	40.167	ng	# 99
24) Nitrobenzene	8.99	77	943743	40.828	ng	98
25) Isophorone	9.51	82	1641987	40.526	ng	100
26) 2-Nitrophenol	9.70	139	395710	41.062	ng	98
27) 2,4-Dimethylphenol	9.75	122	682799	40.686	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	1046932	41.170	ng	99
29) 2,4-Dichlorophenol	10.22	162	810447	43.664	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	923936	40.635	ng	99
31) Naphthalene	10.63	128	2608577	40.371	ng	99
32) Benzoic acid	9.88	122	365465	39.674	ng	96
33) 4-Chloroaniline	10.75	127	1204976	40.704	ng	99
34) Hexachlorobutadiene	10.90	225	548894	39.757	ng	98
35) Caprolactam	11.53	113	279699	40.774	ng	98
36) 4-Chloro-3-methylphenol	11.86	107	901412	42.844	ng	100
37) 2-Methylnaphthalene	12.25	142	1895969	40.070	ng	99
38) 1-Methylnaphthalene	12.47	142	1850039	40.222	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	1027957	40.428	ng	100

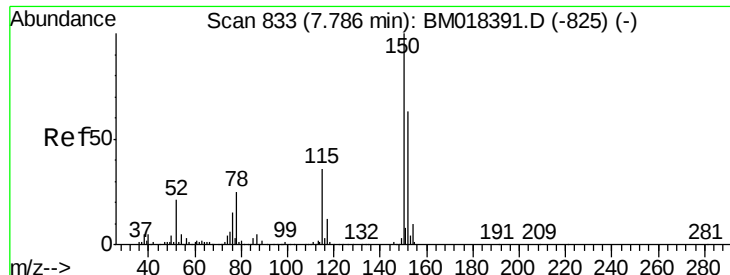
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018395.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	519704	42.153	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	637568	44.143	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	667190	42.272	ng	98
46) 1,1'-Biphenyl	13.26	154	2788906	40.183	ng	100
47) 2-Chloronaphthalene	13.30	162	2139226	40.243	ng	99
48) 2-Nitroaniline	13.52	65	603870	42.335	ng	100
49) Acenaphthylene	14.16	152	3315038	40.507	ng	99
50) Dimethylphthalate	13.90	163	2763264	40.723	ng	100
51) 2,6-Dinitrotoluene	14.02	165	590022	41.431	ng	96
52) Acenaphthene	14.50	154	1973866	39.966	ng	100
53) 3-Nitroaniline	14.35	138	661328	41.756	ng	100
54) 2,4-Dinitrophenol	14.55	184	166587	43.777	ng	92
55) Dibenzofuran	14.83	168	3238453	40.074	ng	100
56) 4-Nitrophenol	14.64	139	508895	40.312	ng	96
57) 2,4-Dinitrotoluene	14.80	165	815149	42.304	ng	98
58) Fluorene	15.49	166	2504669	39.792	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.05	232	611808	41.974	ng	100
60) Diethylphthalate	15.26	149	2899070	40.847	ng	99
61) 4-Chlorophenyl-phenylether	15.48	204	1367588	39.546	ng	99
62) 4-Nitroaniline	15.52	138	704564	41.794	ng	97
63) Azobenzene	15.77	77	2571158	39.748	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	334108	43.423	ng	90
66) n-Nitrosodiphenylamine	15.70	169	2399393	40.763	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	836888	40.691	ng	97
68) Hexachlorobenzene	16.47	284	943727	40.508	ng	99
69) Atrazine	16.65	200	926804	42.475	ng	99
70) Pentachlorophenol	16.82	266	600004	44.167	ng	98
71) Phenanthrene	17.22	178	4062482	40.634	ng	100
72) Anthracene	17.32	178	4031711	40.481	ng	100
73) Carbazole	17.59	167	4256790	40.697	ng	99
74) Di-n-butylphthalate	18.16	149	5077855	42.714	ng	100
75) Fluoranthene	19.24	202	4835813	40.843	ng	99
77) Benzidine	19.44	184	2538365	42.097	ng	99
78) Pyrene	19.61	202	5051900	41.259	ng	100
80) Butylbenzylphthalate	20.52	149	2222916	41.135	ng	98
81) Benzo(a)anthracene	21.36	228	5033392	40.625	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	2085090	43.804	ng	98
83) Chrysene	21.42	228	4853089	40.600	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	3485221	42.223	ng	99
85) Di-n-octyl phthalate	22.19	149	5828772	42.721	ng	99
86) Indeno(1,2,3-cd)pyrene	26.01	276	6075055	41.058	ng	100
88) Benzo(b)fluoranthene	22.98	252	5128094	40.897	ng	100
89) Benzo(k)fluoranthene	23.03	252	5147142	41.042	ng	100
90) Benzo(a)pyrene	23.57	252	4953759	41.126	ng	100
91) Dibenzo(a,h)anthracene	26.03	278	5146790	41.031	ng	100
92) Benzo(g,h,i)perylene	26.73	276	4924012	40.997	ng	100

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

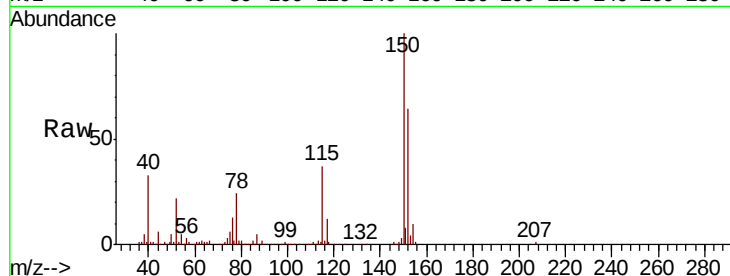


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 833
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	303162
Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.9	190.3
115	57.5	45.5	68.3

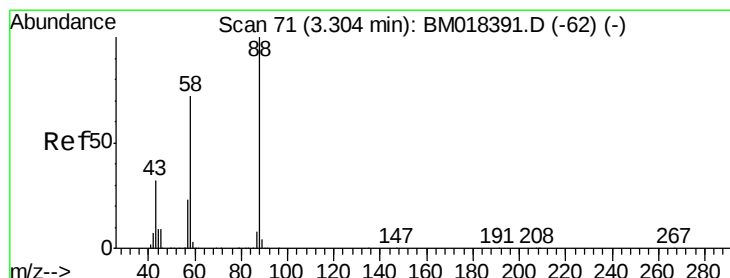
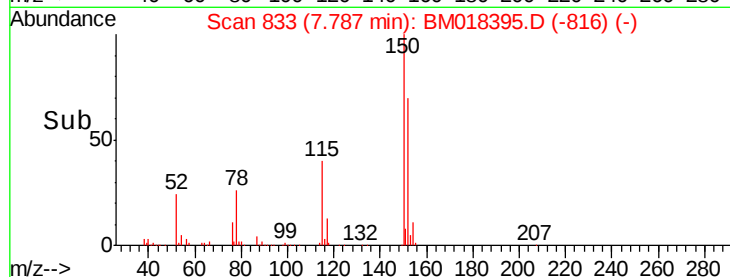
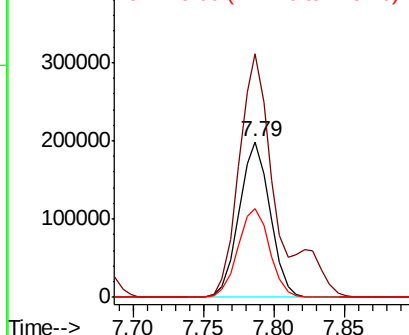


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

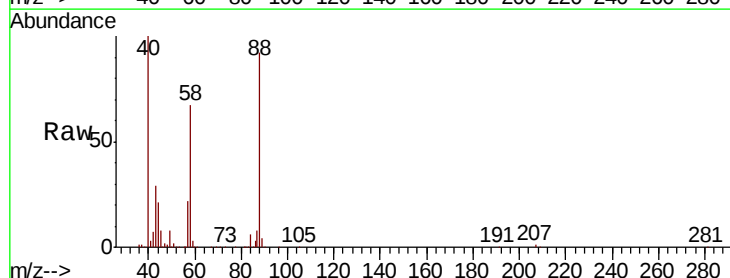
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.990 ng
RT: 3.30 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion	88	Resp	255330
Ion	Ratio	Lower	Upper
88	100		
58	73.2	58.4	87.6
43	32.2	26.2	39.4

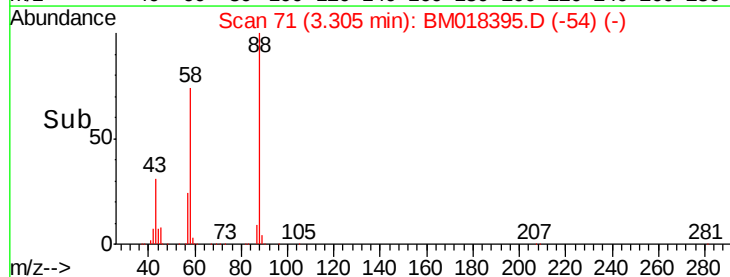
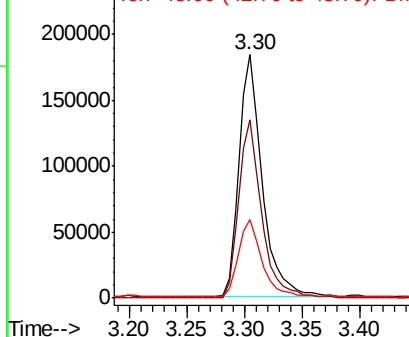


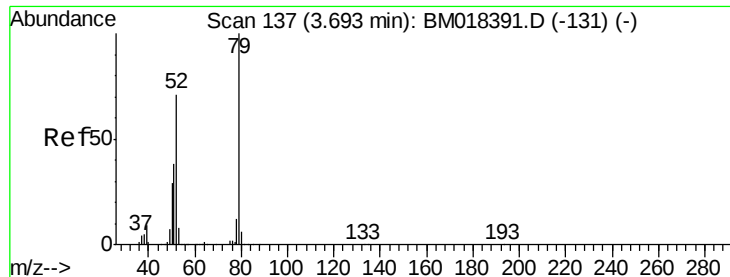
Abundance

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

Pvridine

Concen: 41.785 ng

RT: 3.69 min Scan# 137

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

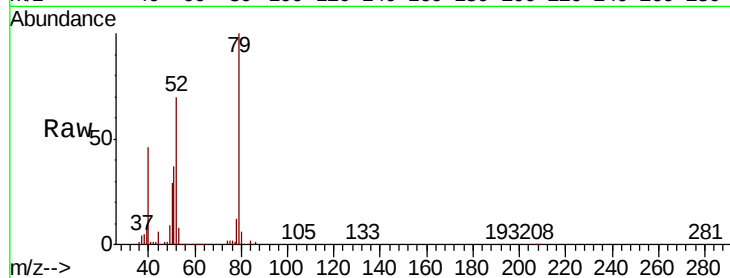
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 79 Resp: 754771

Ion	Ratio	Lower	Upper
79	100		
52	69.9	56.4	84.6
51	37.4	31.0	46.4

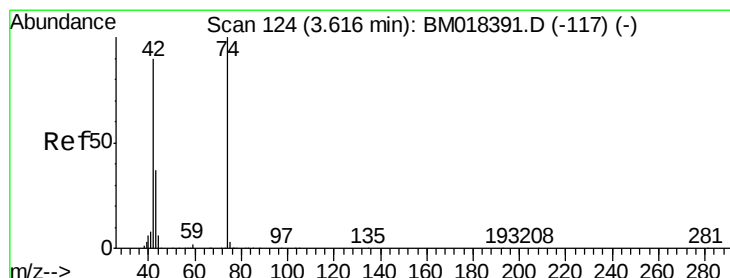
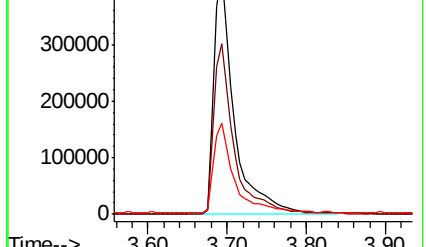
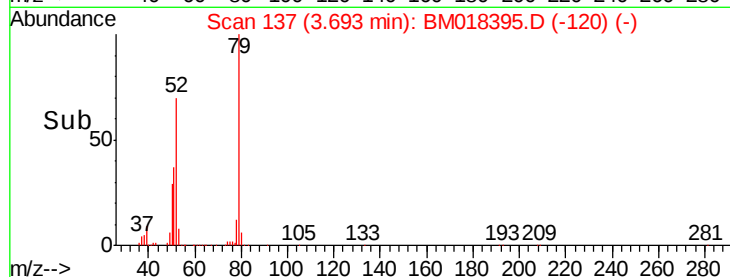


Abundance

Ion 79.00 (78.70 to 79.70): BM018391.D (-131) (-)

Ion 52.00 (51.70 to 52.70): BM018391.D (-131) (-)

Ion 51.00 (50.70 to 51.70): BM018391.D (-131) (-)



#4

n-Nitrosodimethylamine

Concen: 39.613 ng

RT: 3.62 min Scan# 124

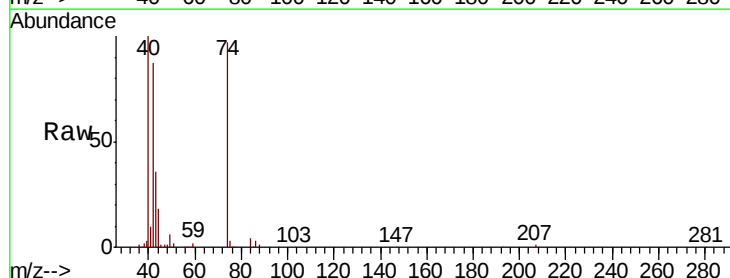
Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Tgt Ion: 42 Resp: 291755

Ion	Ratio	Lower	Upper
42	100		
74	111.0	88.6	132.8
44	20.7	16.9	25.3

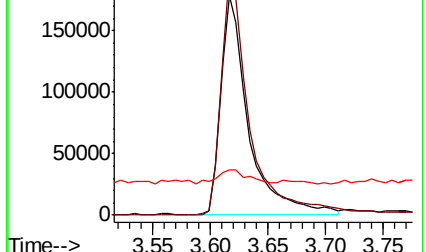
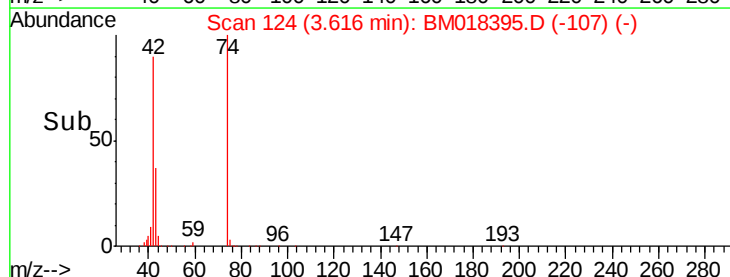


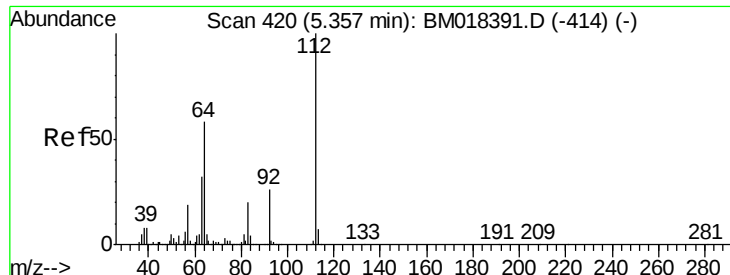
Abundance

Ion 42.00 (41.70 to 42.70): BM018391.D (-117) (-)

Ion 74.00 (73.70 to 74.70): BM018391.D (-117) (-)

Ion 44.00 (43.70 to 44.70): BM018391.D (-117) (-)





#5

2-Fluorophenol

Concen: 81.623 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

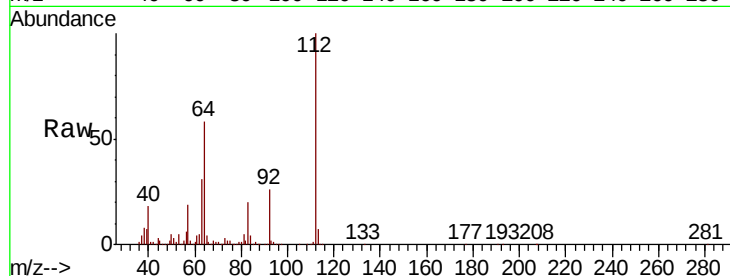
Tot Ion:112 Resp: 1312482

Ion Ratio Lower Upper

112 100

64 58.1 46.5 69.7

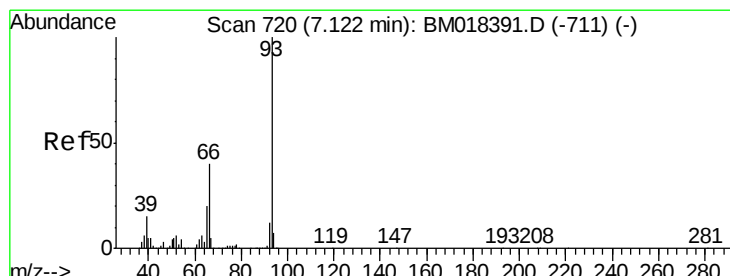
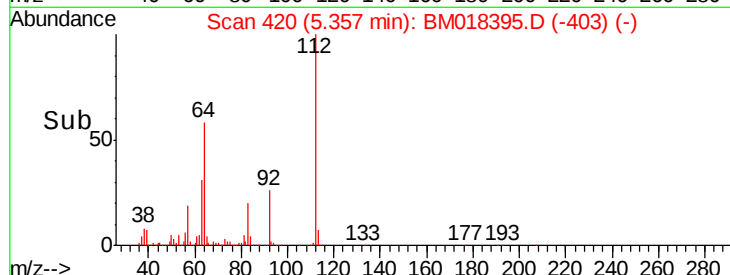
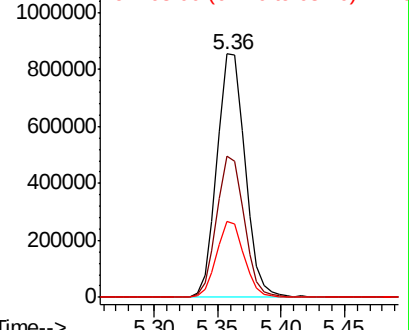
63 31.1 25.2 37.8



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: 40.903 ng

RT: 7.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

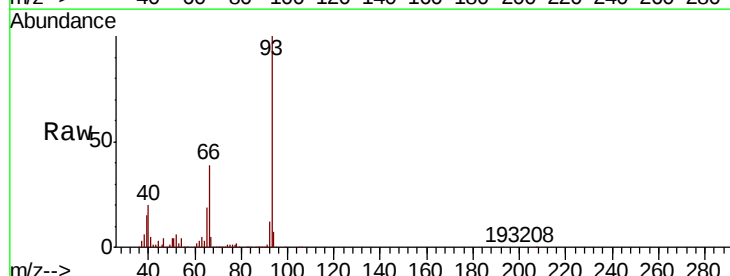
Tgt Ion: 93 Resp: 1139117

Ion Ratio Lower Upper

93 100

66 38.9 31.7 47.5

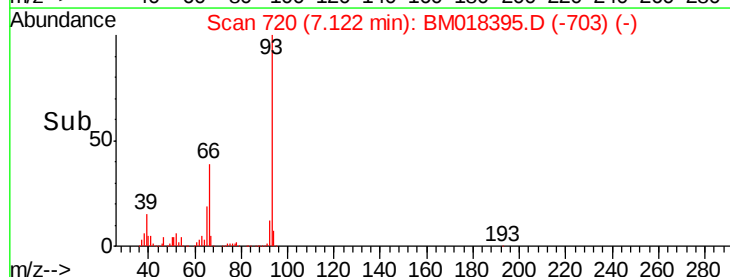
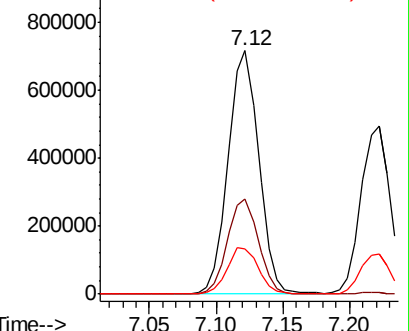
65 18.8 15.9 23.9

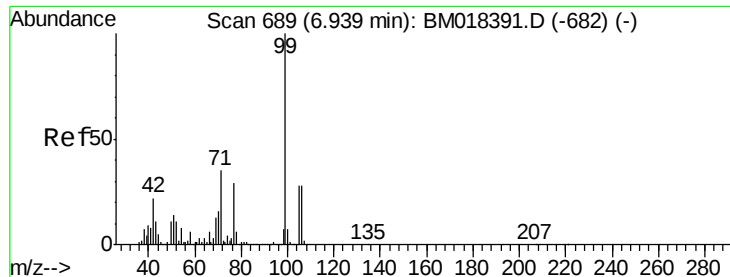


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 83.329 ng

RT: 6.95 min Scan# 690

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampled :

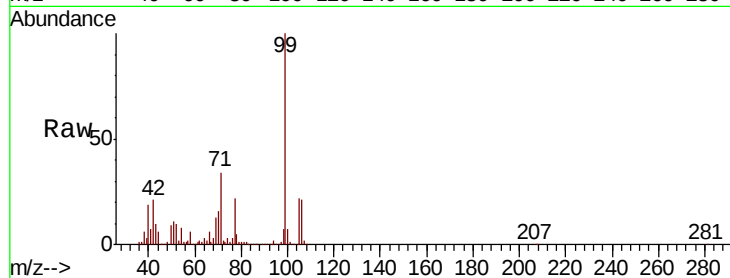
Tot Ion: 99 Resp: 1860555

Ion Ratio Lower Upper

99 100

42 21.3 17.3 25.9

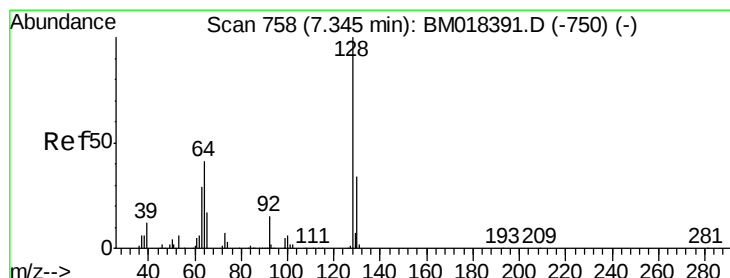
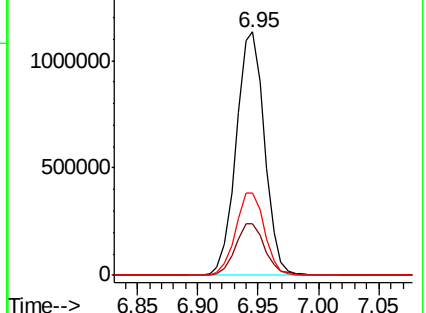
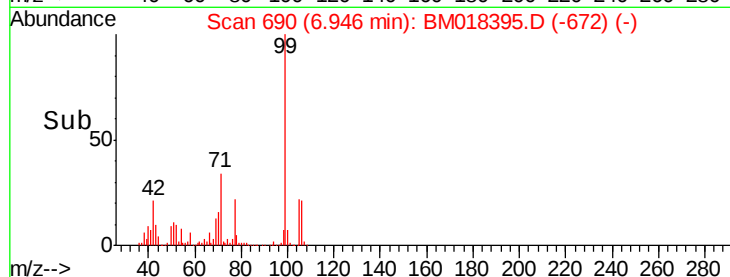
71 33.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018395.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018395.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018395.D (-682) (-)



#8

2-Chlorophenol

Concen: 41.171 ng

RT: 7.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

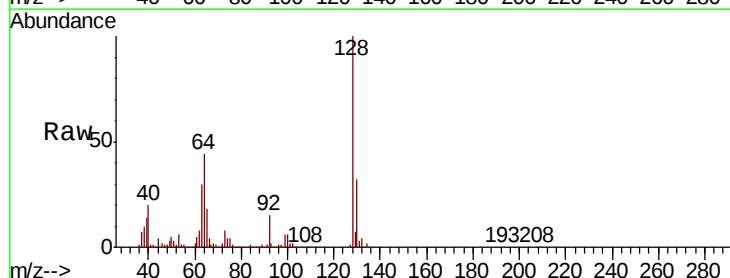
Tgt Ion: 128 Resp: 798355

Ion Ratio Lower Upper

128 100

130 32.1 13.6 53.6

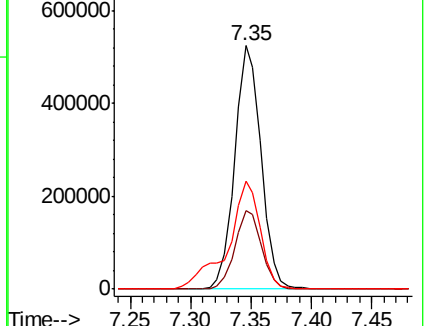
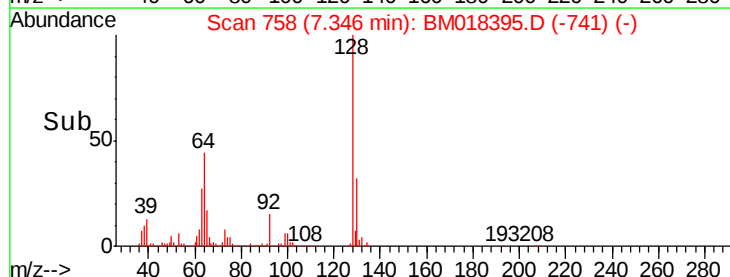
64 44.5 24.8 64.8

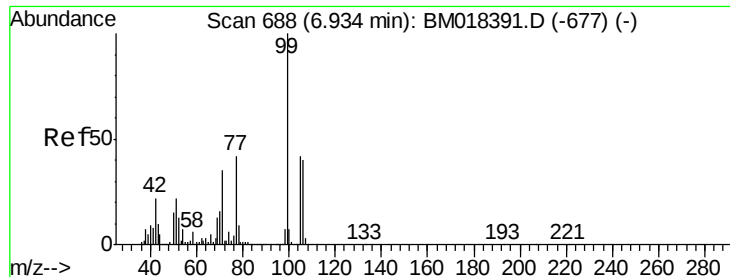


Abundance Ion 128.00 (127.70 to 128.70): BM018395.D (-750) (-)

Ion 130.00 (129.70 to 130.70): BM018395.D (-750) (-)

Ion 64.00 (63.70 to 64.70): BM018395.D (-750) (-)





#9

Benzaldehyde

Concen: 38.012 ng

RT: 6.94 min Scan# 689

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampled :

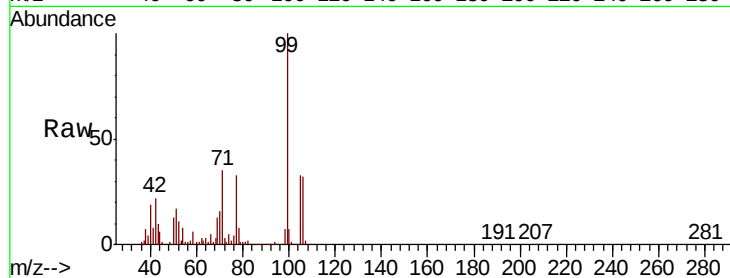
Tot Ion: 77 Resp: 595853

Ion Ratio Lower Upper

77 100

105 98.9 79.7 119.7

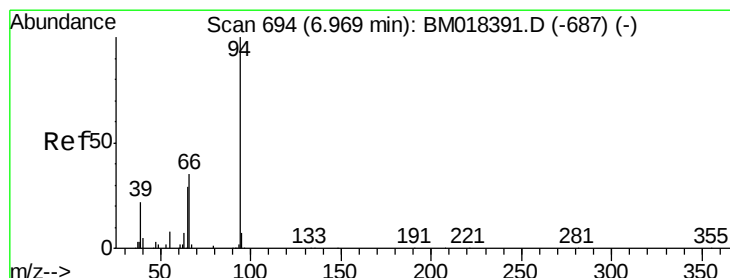
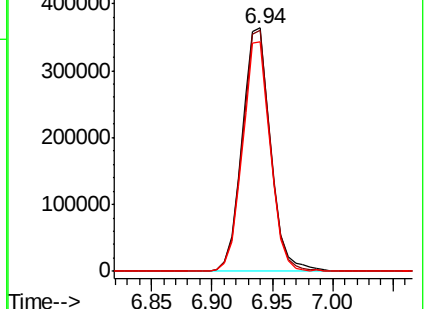
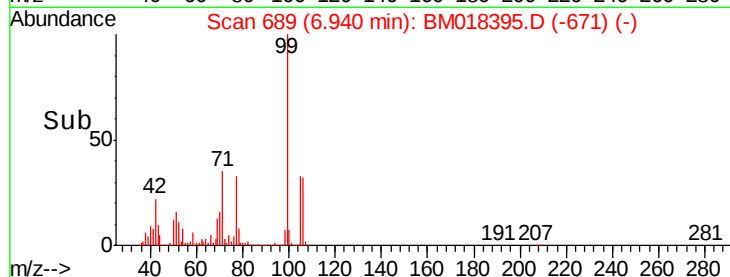
106 94.5 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018395.D (-677) (-)

Ion 105.00 (104.70 to 105.70): BM018395.D (-677) (-)

Ion 106.00 (105.70 to 106.70): BM018395.D (-677) (-)



#10

Phenol

Concen: 41.216 ng

RT: 6.97 min Scan# 694

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

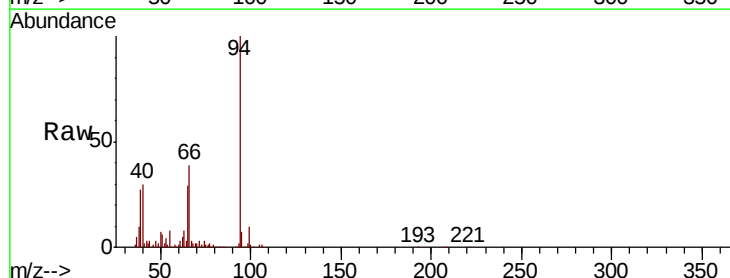
Tgt Ion: 94 Resp: 946749

Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

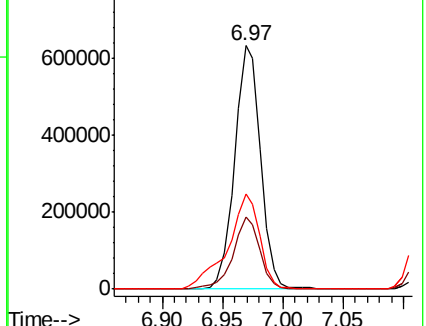
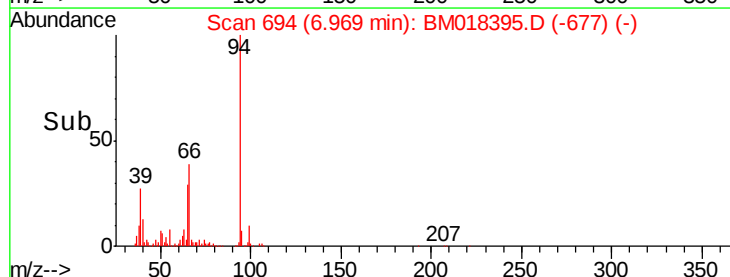
66 39.1 19.1 59.1

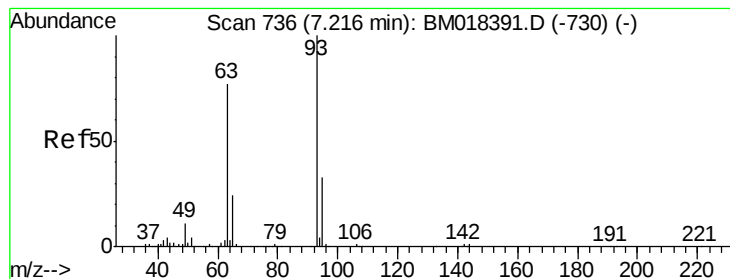


Abundance Ion 94.00 (93.70 to 94.70): BM018395.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM018395.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM018395.D (-677) (-)





#11

bis(2-Chloroethyl)ether

Concen: 41.718 ng

RT: 7.22 min Scan# 737

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

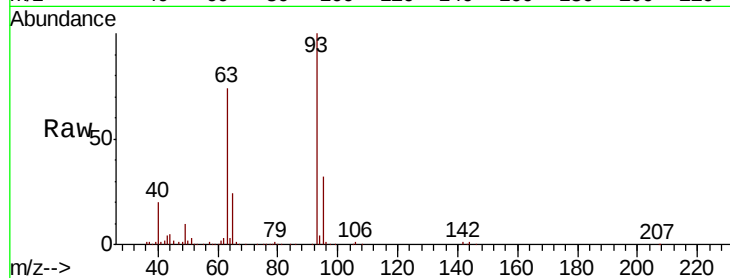
Tot Ion: 93 Resp: 746978

Ion Ratio Lower Upper

93 100

63 74.1 56.4 96.4

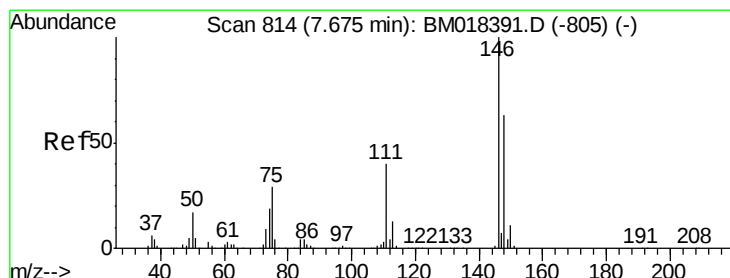
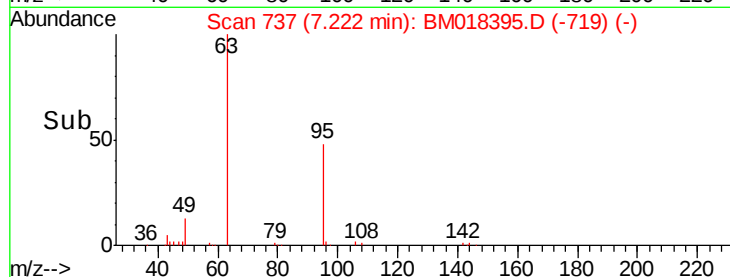
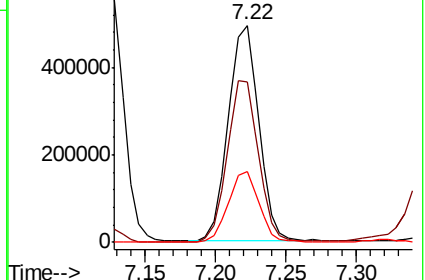
95 32.5 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BM018395.D (-719) (-)

Ion 63.00 (62.70 to 63.70): BM018395.D (-719) (-)

Ion 95.00 (94.70 to 95.70): BM018395.D (-719) (-)



#12

1,3-Dichlorobenzene

Concen: 40.030 ng

RT: 7.67 min Scan# 814

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

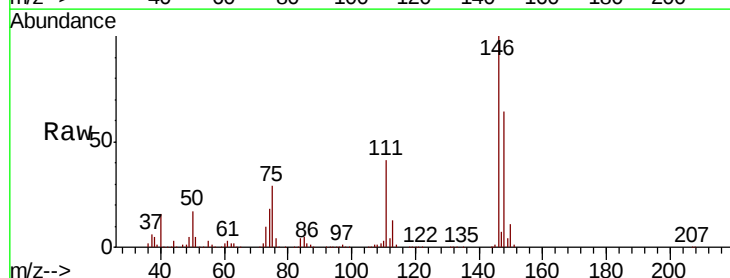
Tgt Ion: 146 Resp: 911827

Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

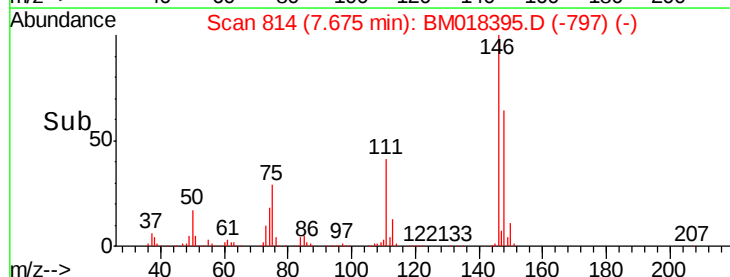
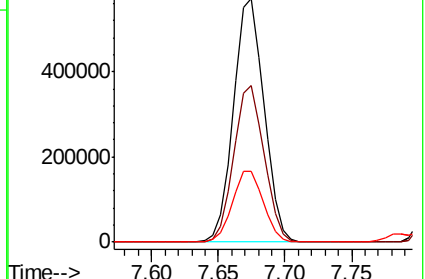
75 28.9 23.0 34.6

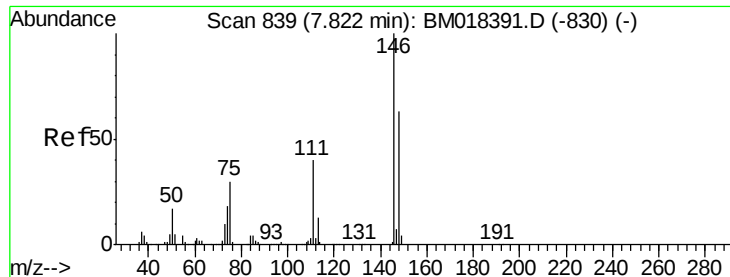


Abundance Ion 146.00 (145.70 to 146.70): BM018395.D (-797) (-)

Ion 148.00 (147.70 to 148.70): BM018395.D (-797) (-)

Ion 75.00 (74.70 to 75.70): BM018395.D (-797) (-)

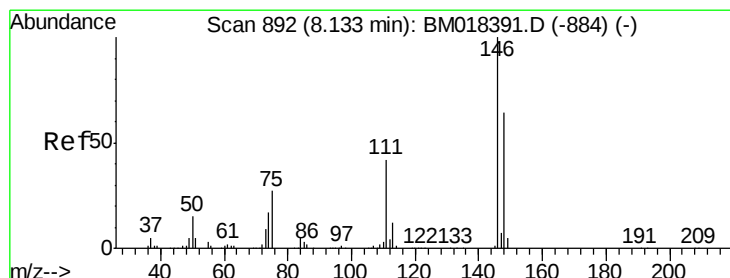
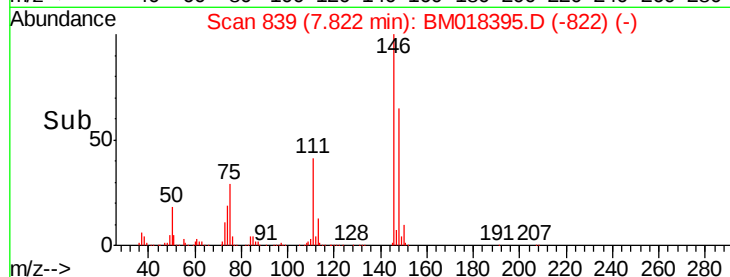
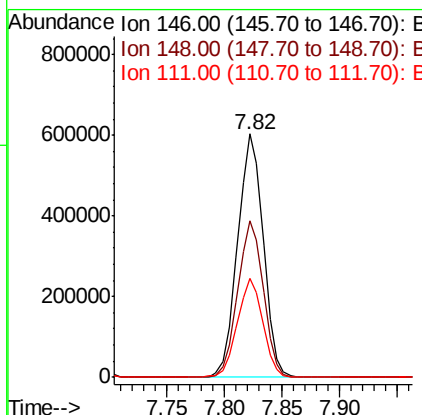
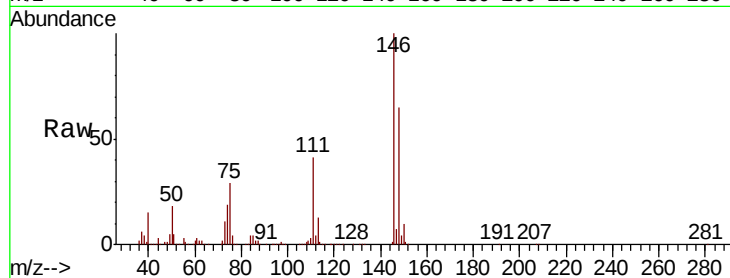




#13
 1,4-Dichlorobenzene
 Concen: 40.038 ng
 RT: 7.82 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

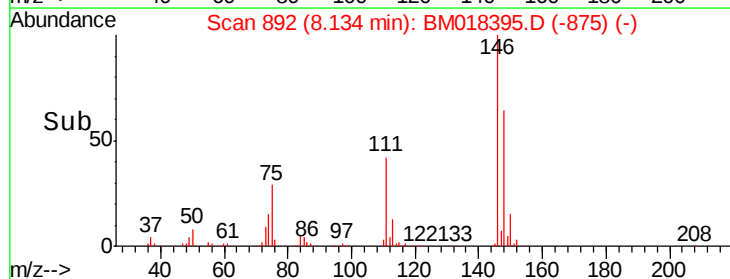
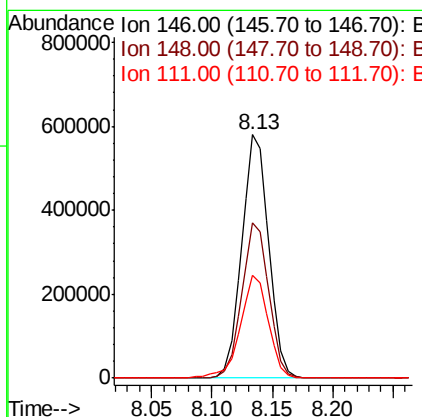
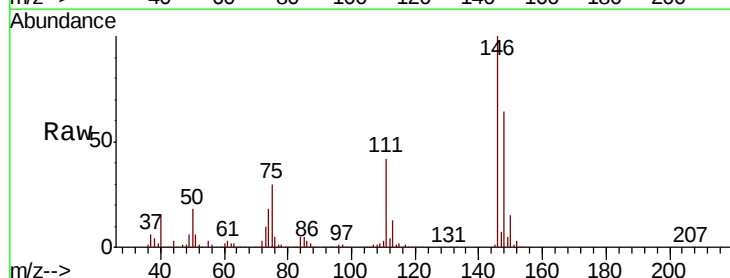
Instrument :
 BNA_M
 ClientSampleId :

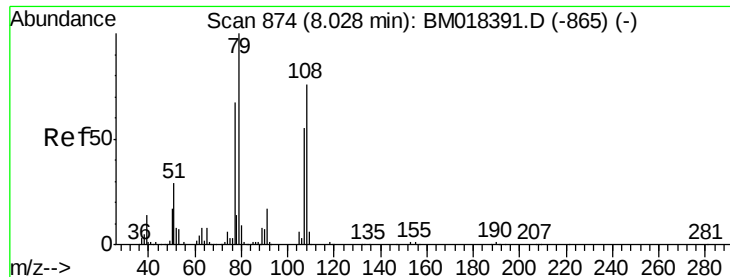
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	40.8	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 39.763 ng
 RT: 8.13 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
111	42.2	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.715 ng

RT: 8.03 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

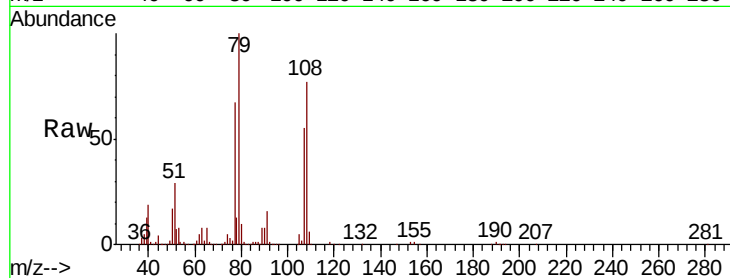
Tot Ion: 79 Resp: 722970

Ion Ratio Lower Upper

79 100

108 77.5 60.4 90.6

77 66.6 53.4 80.2



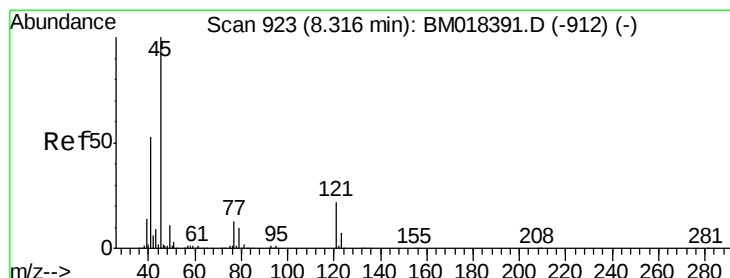
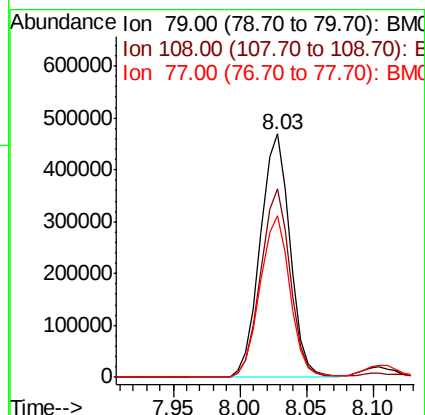
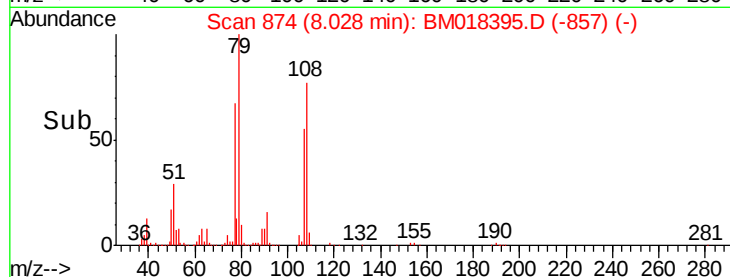
Abundance Ion 79.00 (78.70 to 79.70): BM018395.D (-857) (-)

Ion 108.00 (107.70 to 108.70): BM018395.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM018395.D (-857) (-)

8.03

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.786 ng

RT: 8.32 min Scan# 924

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

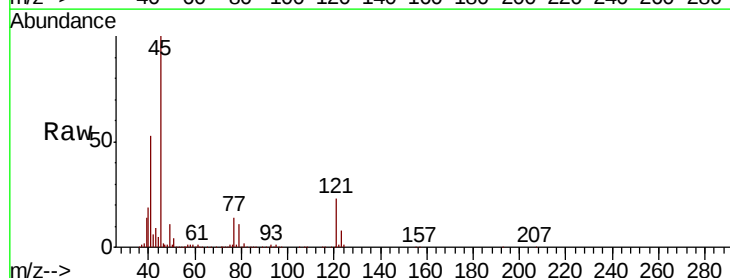
Tgt Ion: 45 Resp: 1134440

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.4

79 11.1 0.0 31.1



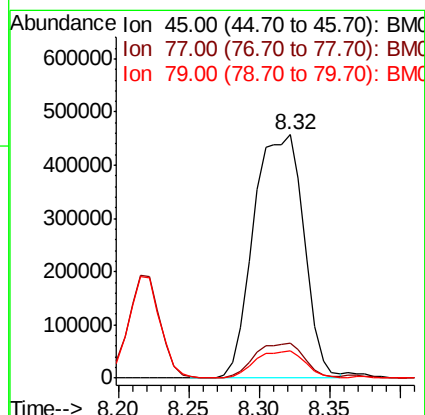
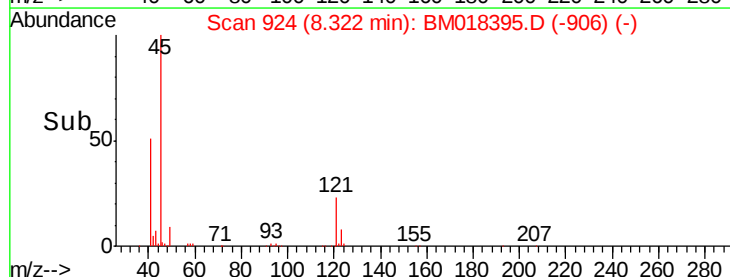
Abundance Ion 45.00 (44.70 to 45.70): BM018395.D (-906) (-)

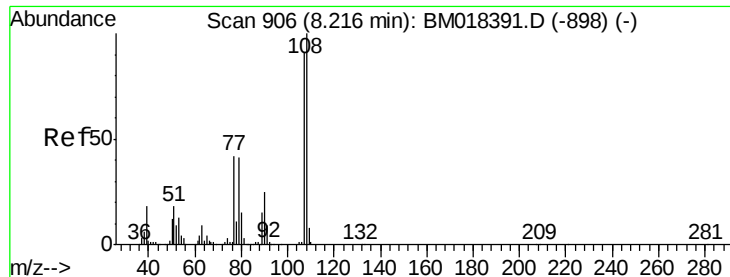
Ion 77.00 (76.70 to 77.70): BM018395.D (-906) (-)

Ion 79.00 (78.70 to 79.70): BM018395.D (-906) (-)

8.32

Time-->

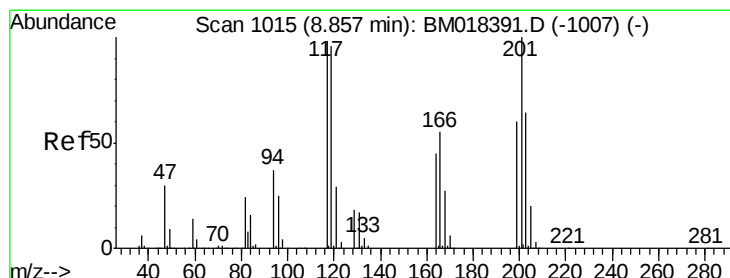
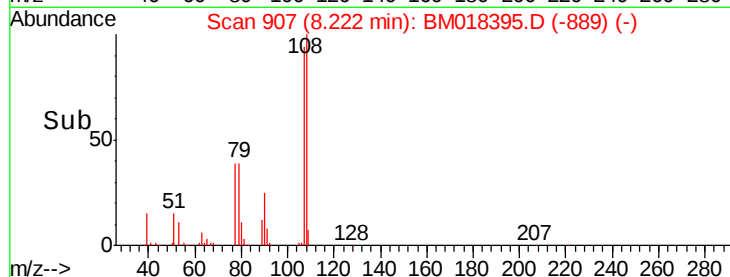
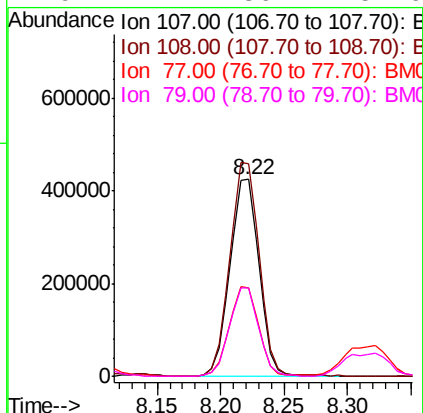
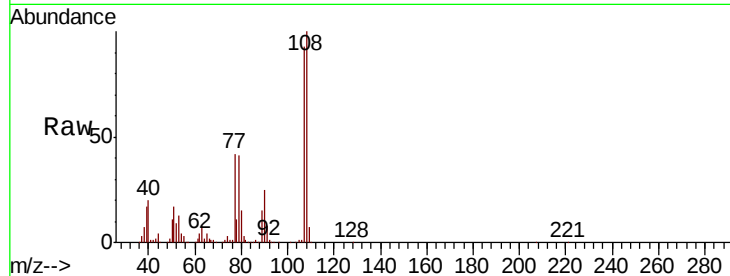




#17
2-Methylphenol
Concen: 41.222 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.01 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

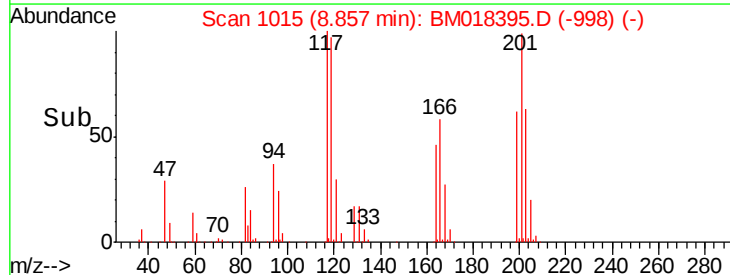
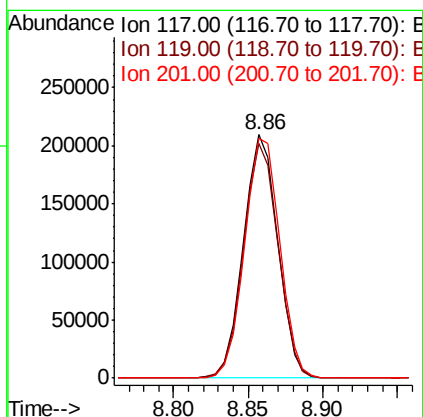
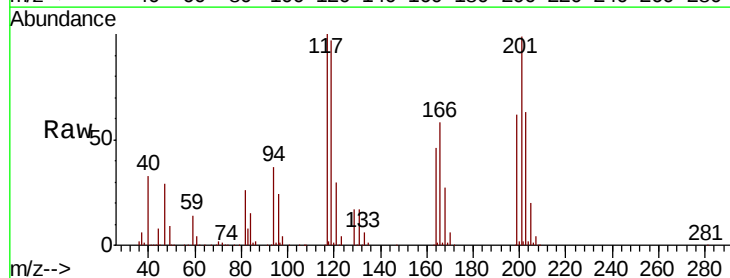
Instrument :
BNA_M
ClientSampleId :

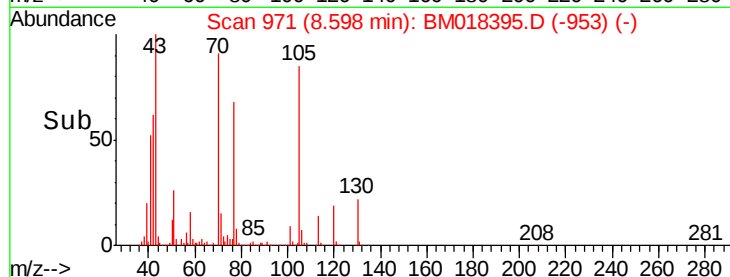
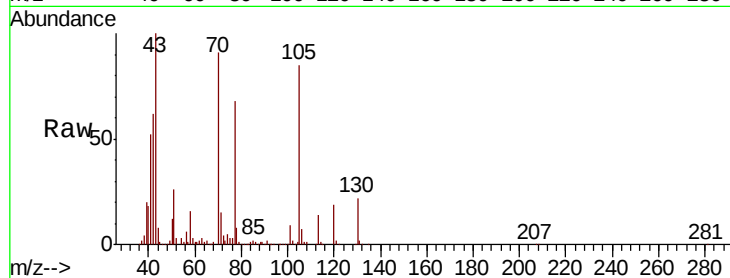
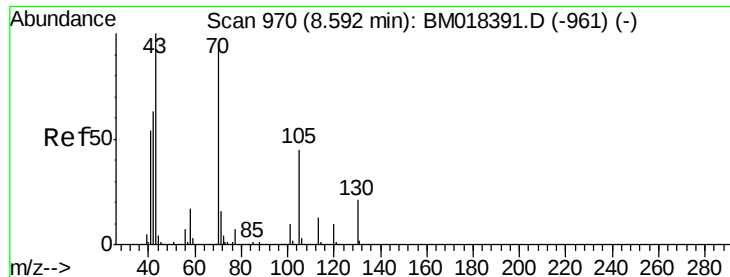
Tot Ion:	107	Resp:	670799
Ion	Ratio	Lower	Upper
107	100		
108	107.8	87.5	131.3
77	44.9	37.3	55.9
79	44.7	36.4	54.6



#18
Hexachloroethane
Concen: 40.313 ng
RT: 8.86 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion:	117	Resp:	332995
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.3	117.5
201	98.7	81.4	122.0

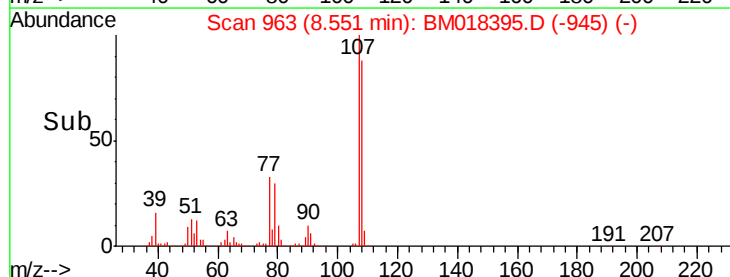
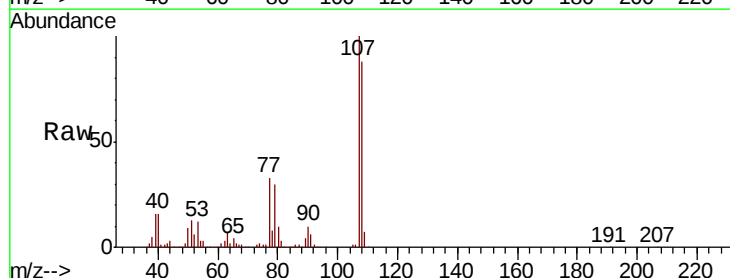
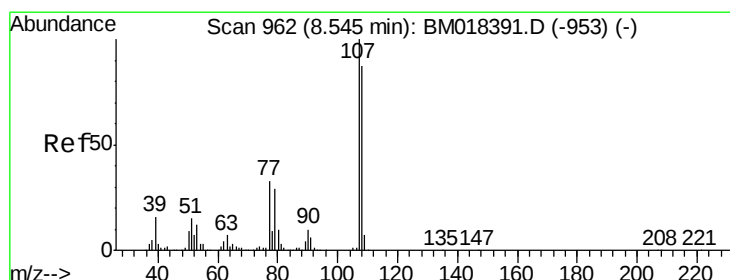
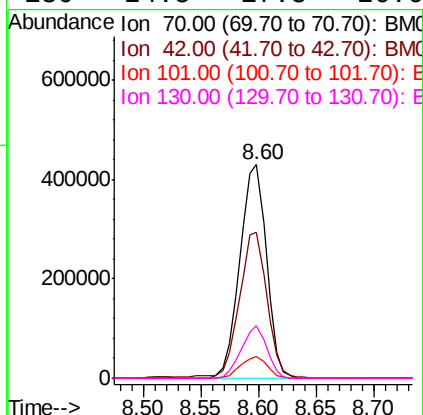




#19
n-Nitroso-di-n-propylamine
Concen: 40.485 ng
RT: 8.60 min Scan# 971
Delta R.T. 0.01 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

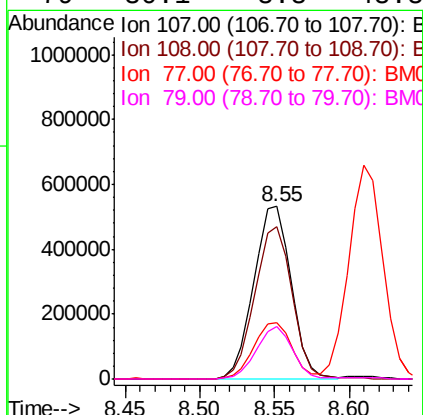
Instrument :
BNA_M
ClientSampleId :

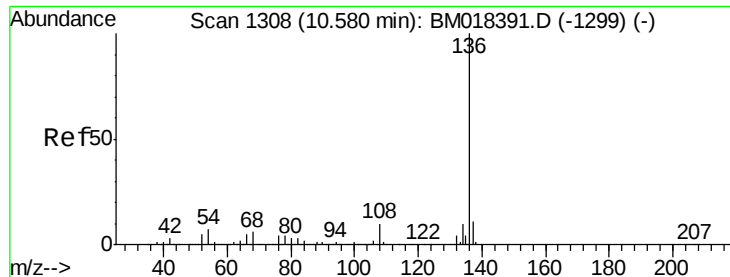
Tot Ion:	70	Resp:	688614
Ion	Ratio	Lower	Upper
70	100		
42	68.2	54.0	81.0
101	10.1	8.1	12.1
130	24.5	17.8	26.6



#20
3+4-Methylphenols
Concen: 42.272 ng
RT: 8.55 min Scan# 963
Delta R.T. 0.01 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion:	107	Resp:	922865
Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.8	106.8
77	32.9	13.3	53.3
79	30.1	8.8	48.8

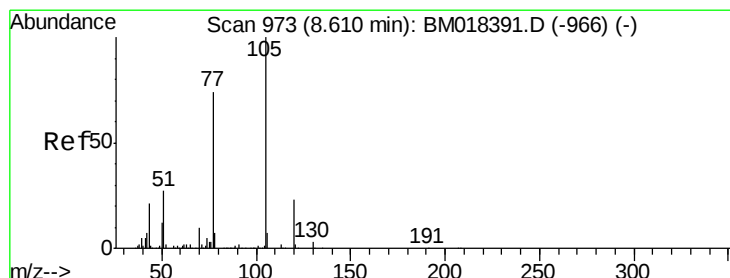
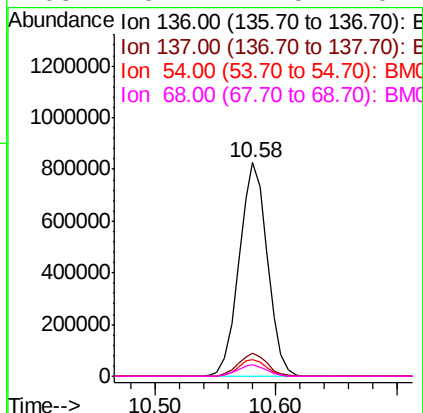
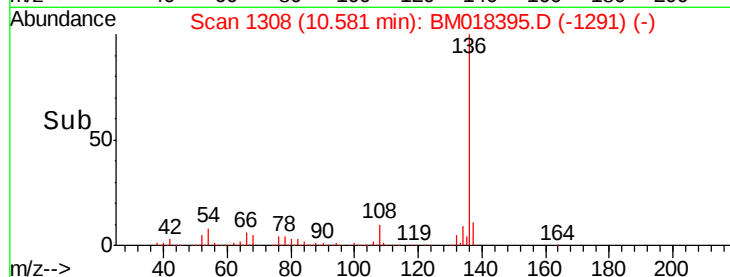
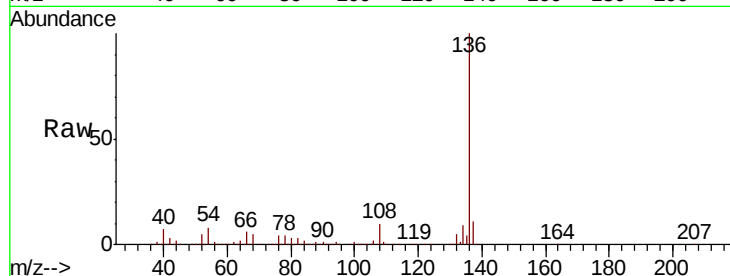




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

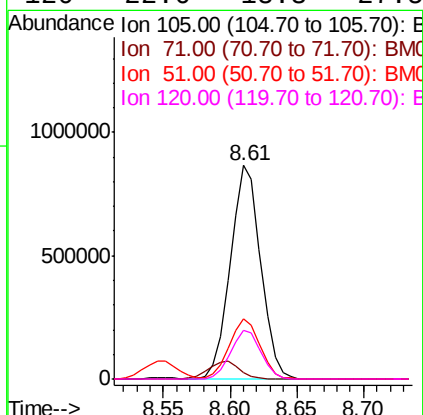
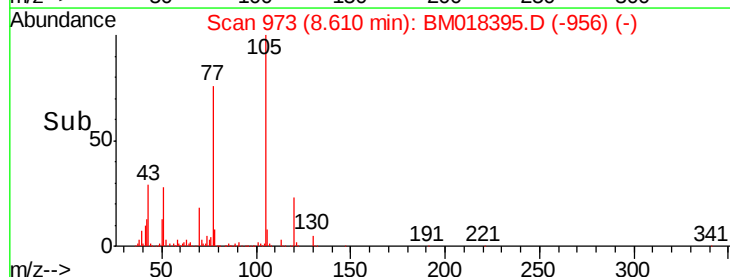
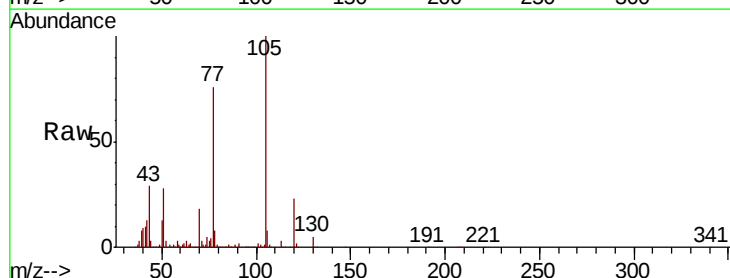
Instrument :
BNA_M
ClientSampleId :

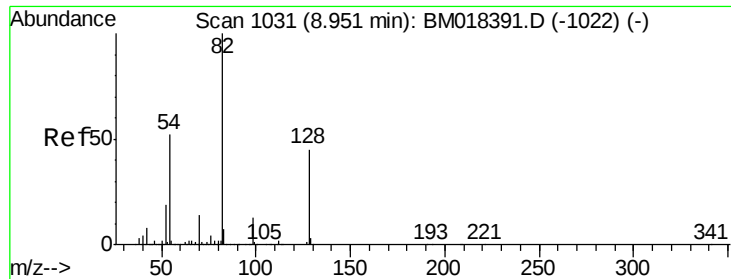
Tot Ion:136	Resp: 1340600
Ion Ratio	Lower Upper
136 100	
137 11.0	8.5 12.7
54 7.8	6.0 9.0
68 5.4	4.5 6.7



#22
Acetophenone
Concen: 40.167 ng
RT: 8.61 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt	Ion:105	Resp:	1367135
Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.7	2.5#
51	28.4	22.6	34.0
120	22.6	18.3	27.5

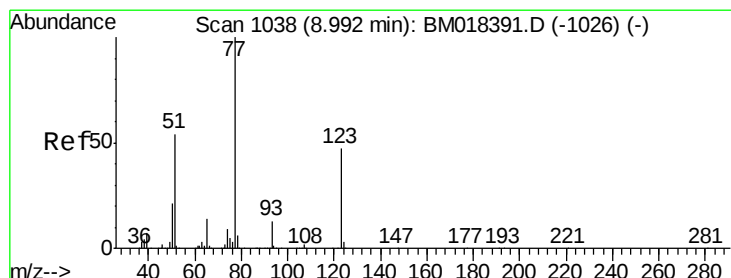
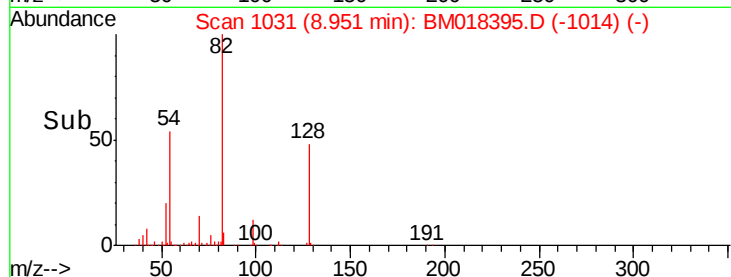
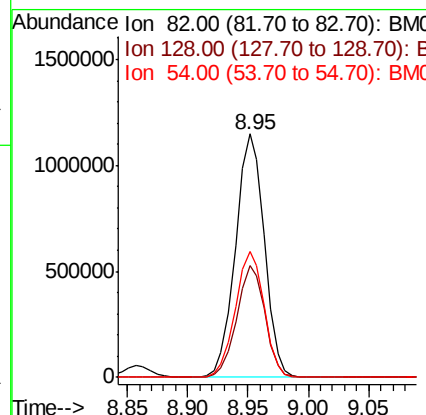
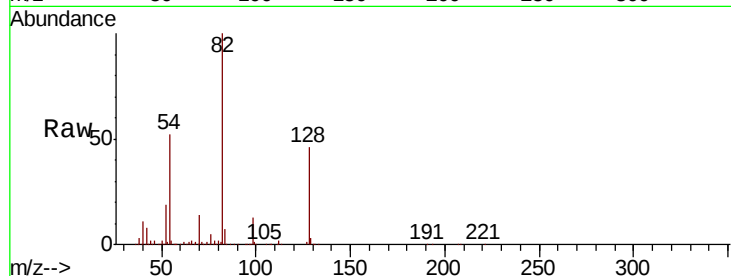




#23
 Nitrobenzene-d5
 Concen: 81.630 ng
 RT: 8.95 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

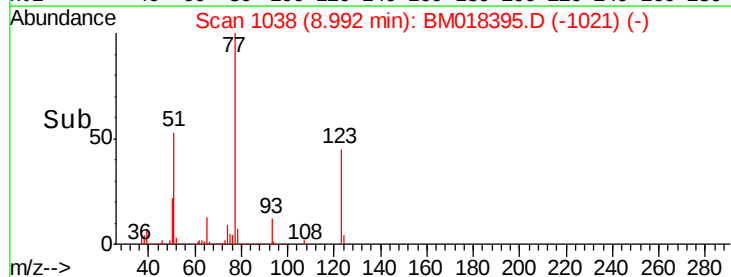
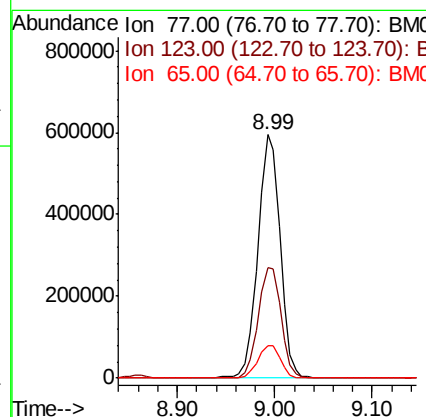
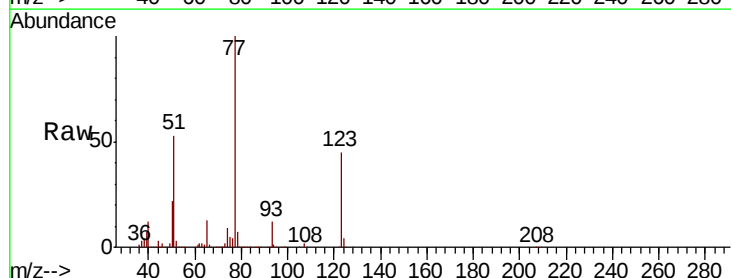
Instrument :
 BNA_M
 ClientSampleId :

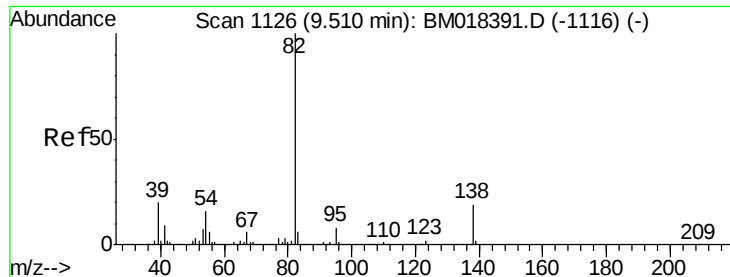
Tot Ion: 82 Resp: 1906701
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.3 54.5
 54 51.7 41.7 62.5



#24
 Nitrobenzene
 Concen: 40.828 ng
 RT: 8.99 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

Tgt Ion: 77 Resp: 943743
 Ion Ratio Lower Upper
 77 100
 123 45.3 37.7 56.5
 65 13.2 11.0 16.6





#25

Isophorone

Concen: 40.526 ng

RT: 9.51 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

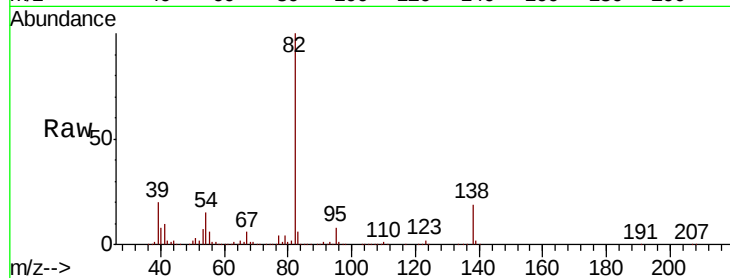
Tot Ion: 82 Resp: 1641987

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	19.1	15.1	22.7

82 100

95 7.6 6.1 9.1

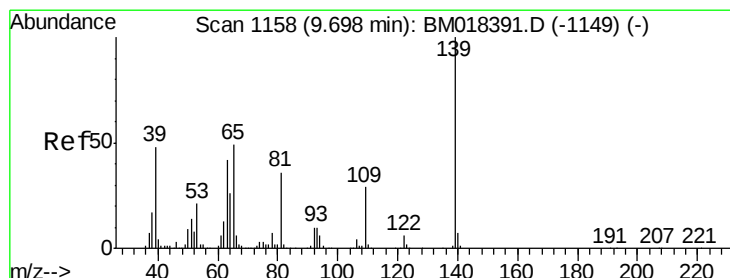
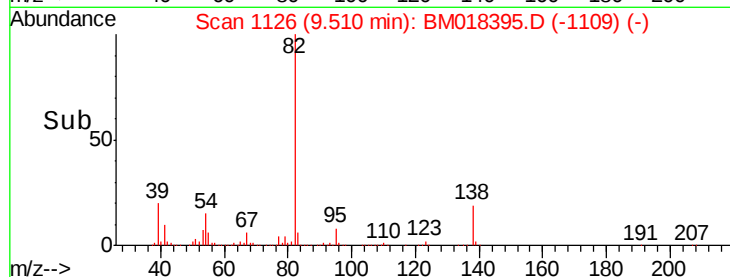
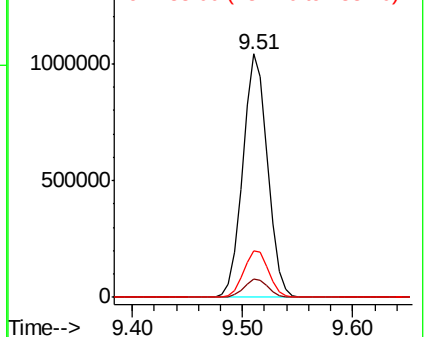
138 19.1 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018395.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM018395.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM018395.D (-1116) (-)



#26

2-Nitrophenol

Concen: 41.062 ng

RT: 9.70 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

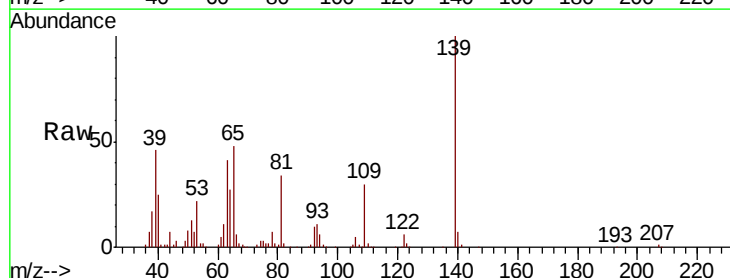
Tgt Ion: 139 Resp: 395710

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.4	35.2
65	47.5	39.4	59.2

139 100

109 29.5 23.4 35.2

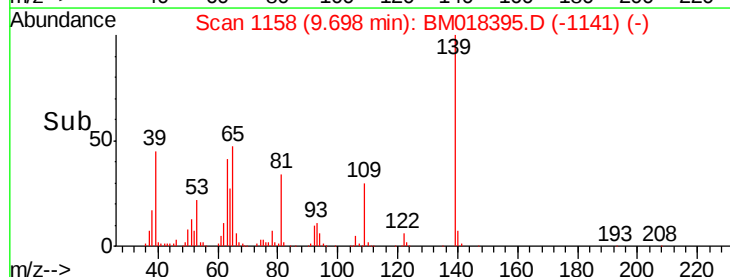
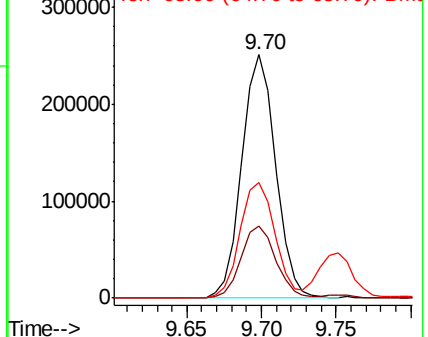
65 47.5 39.4 59.2

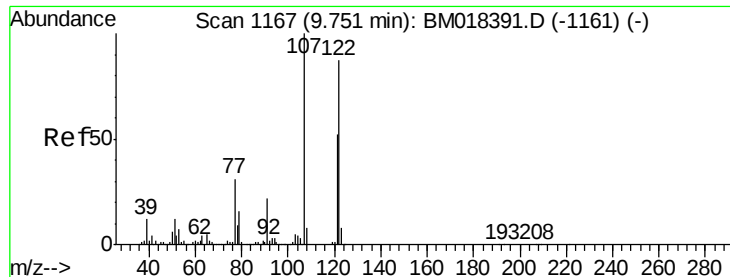


Abundance Ion 139.00 (138.70 to 139.70): BM018395.D (-1149) (-)

Ion 109.00 (108.70 to 109.70): BM018395.D (-1149) (-)

Ion 65.00 (64.70 to 65.70): BM018395.D (-1149) (-)

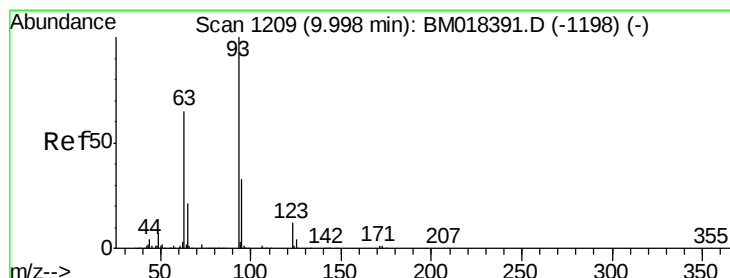
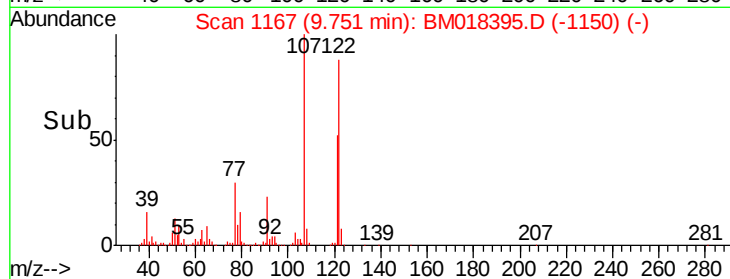
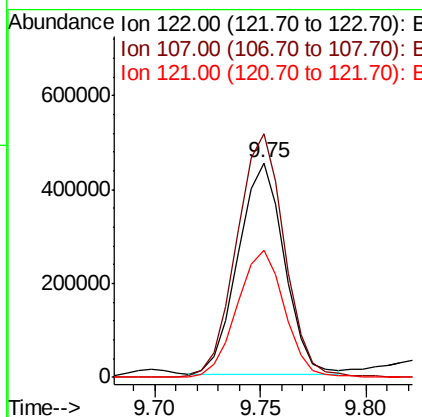
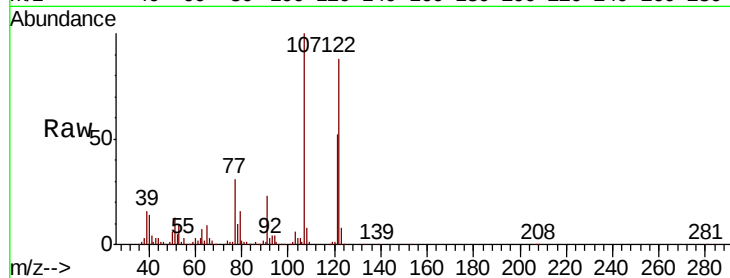




#27
 2,4-Dimethylphenol
 Concen: 40.686 ng
 RT: 9.75 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

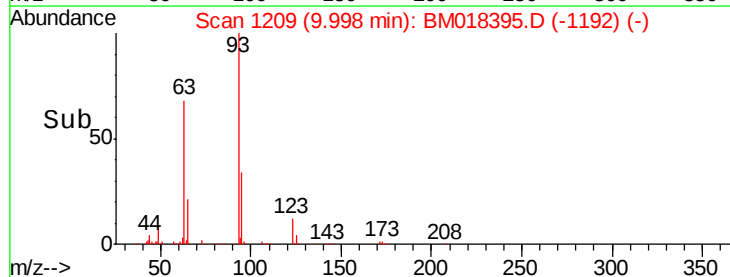
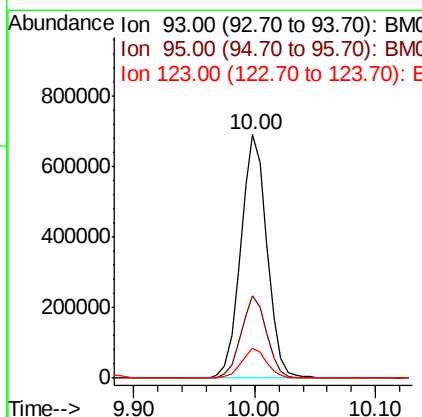
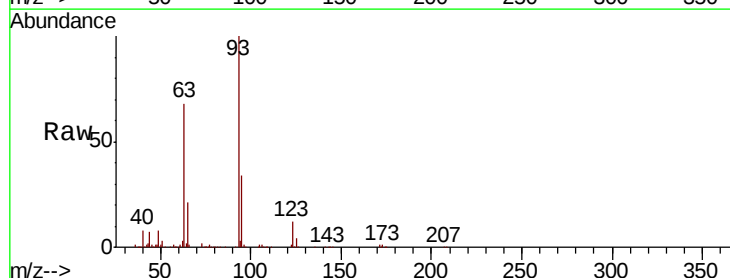
Instrument :
 BNA_M
 ClientSampleId :

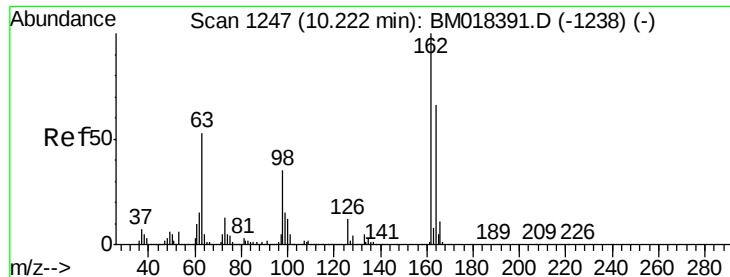
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	91.9	137.9
121	59.6	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.170 ng
 RT: 10.00 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.6	39.8
123	12.2	9.9	14.9

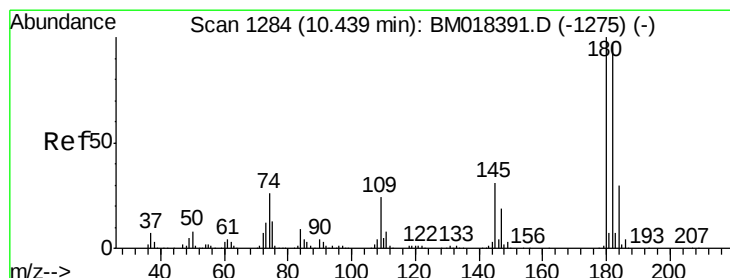
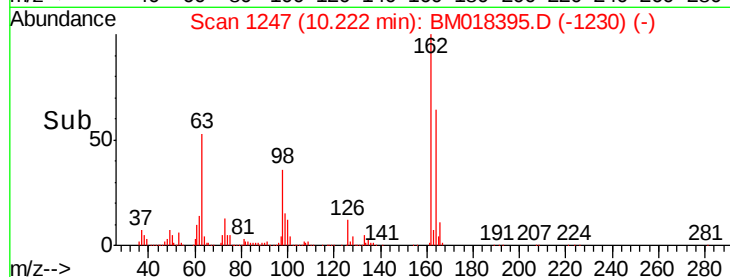
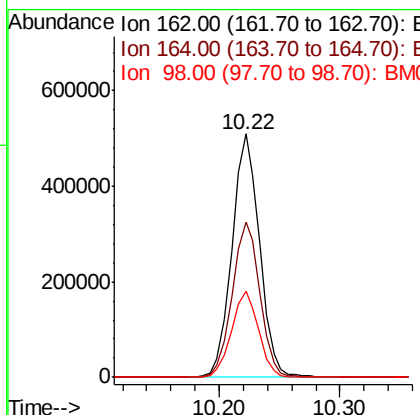
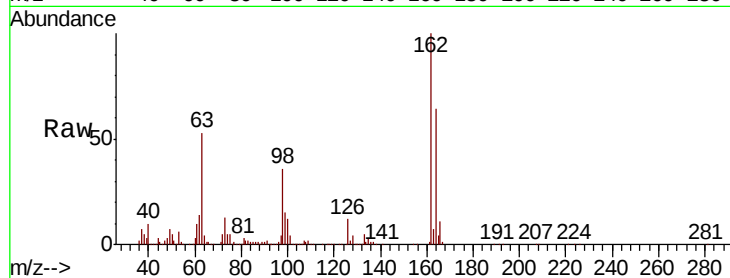




#29
2,4-Dichlorophenol
Concen: 43.664 ng
RT: 10.22 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

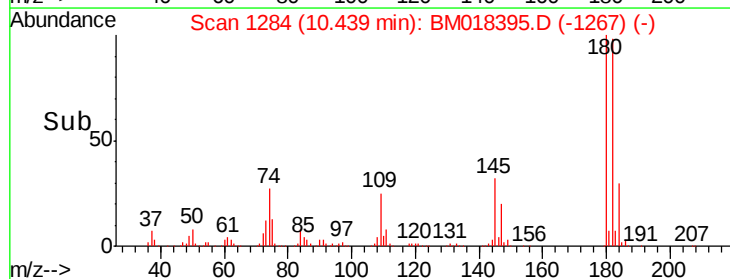
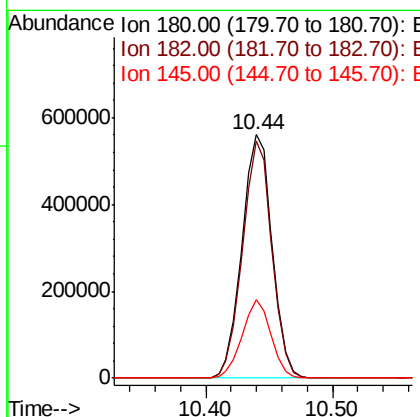
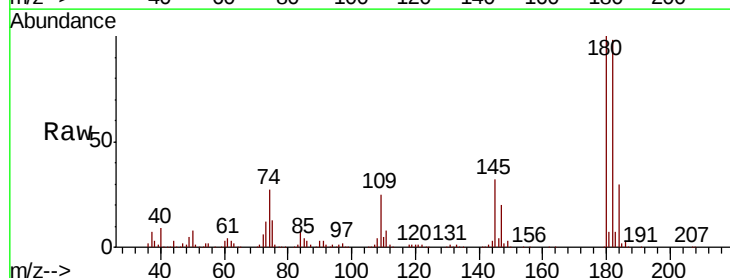
Instrument :
BNA_M
ClientSampleId :

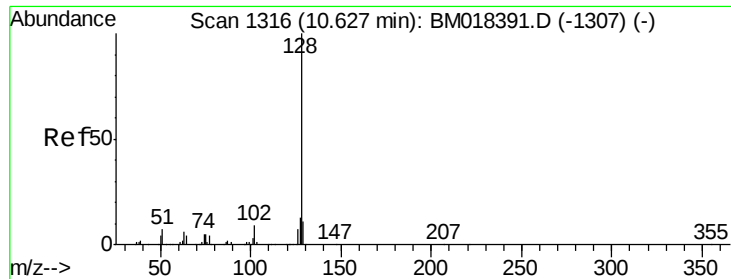
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.6	85.6
98	35.6	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 40.635 ng
RT: 10.44 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.4	116.2
145	32.4	24.6	37.0

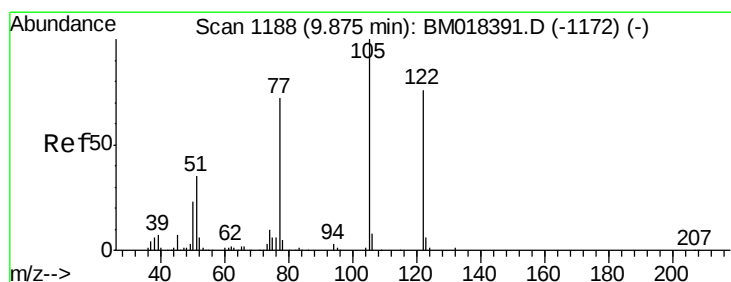
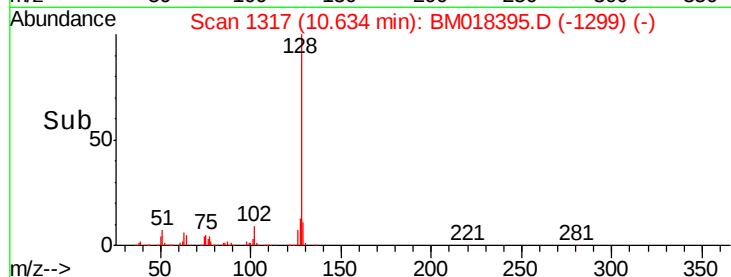
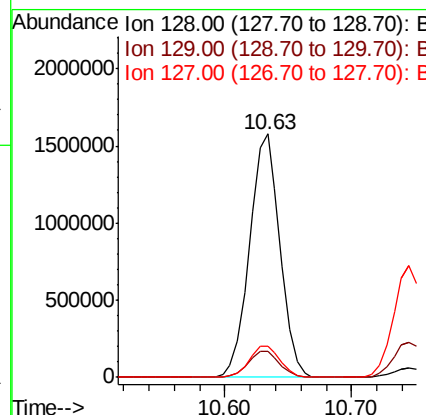
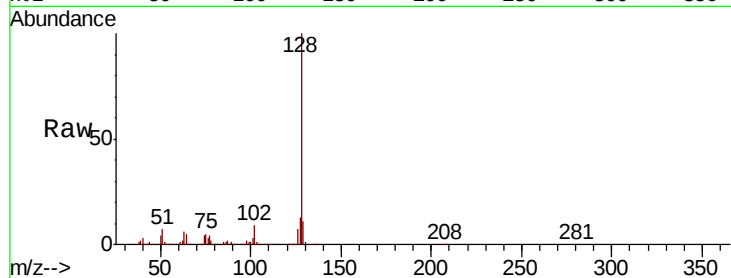




#31
Naphthalene
Concen: 40.371 ng
RT: 10.63 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

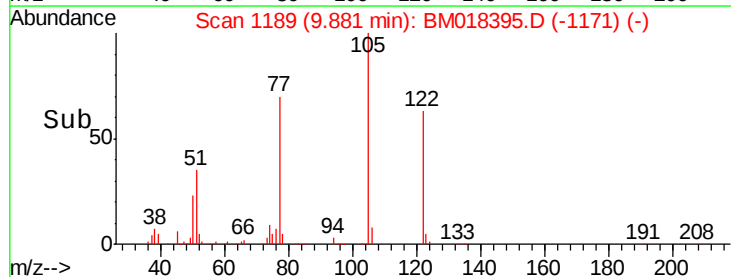
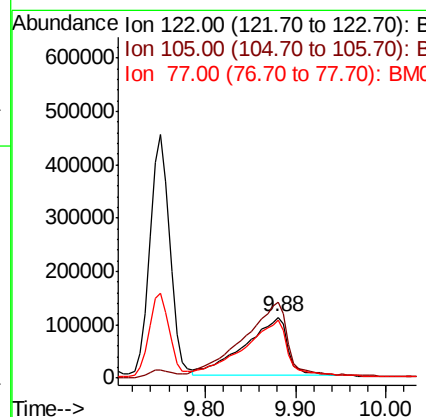
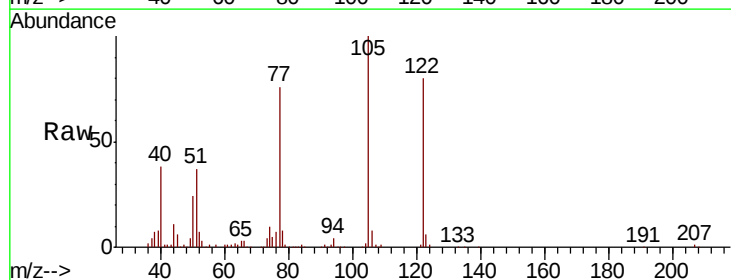
Instrument :
BNA_M
ClientSampleId :

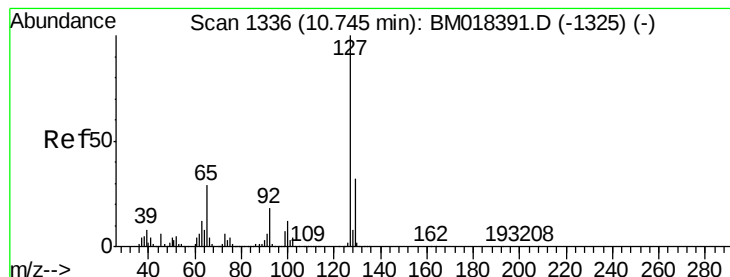
Tot Ion:128 Resp: 2608577
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 39.674 ng
RT: 9.88 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion:122 Resp: 365465
Ion Ratio Lower Upper
122 100
105 125.4 100.4 140.4
77 95.6 71.7 111.7





#33

4-Chloroaniline

Concen: 40.704 ng

RT: 10.75 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

Tot Ion:127 Resp: 1204976

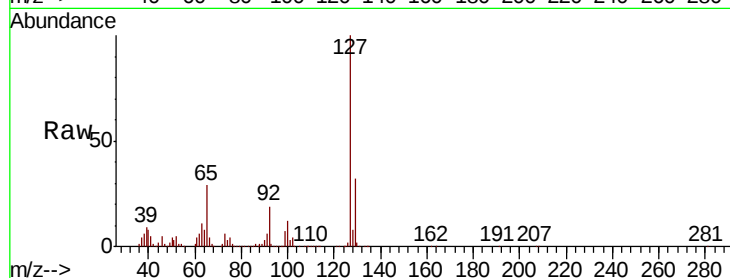
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 29.3 23.4 35.2

92 18.7 14.5 21.7

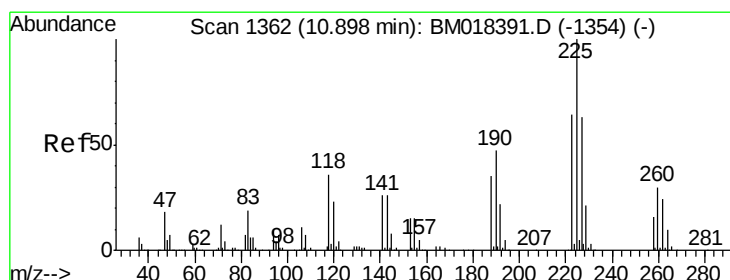
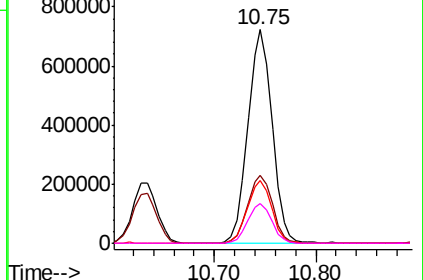
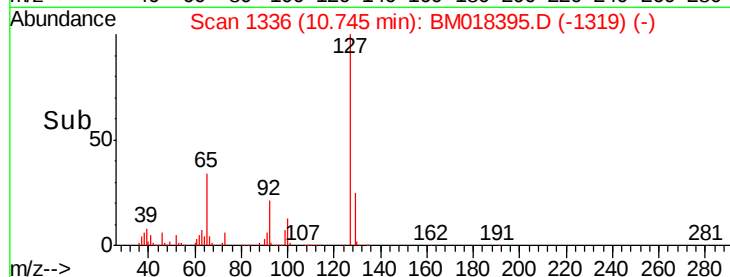


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 39.757 ng

RT: 10.90 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

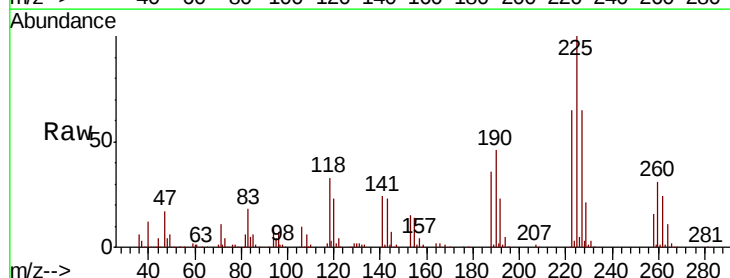
Tgt Ion:225 Resp: 548894

Ion Ratio Lower Upper

225 100

223 64.5 50.8 76.2

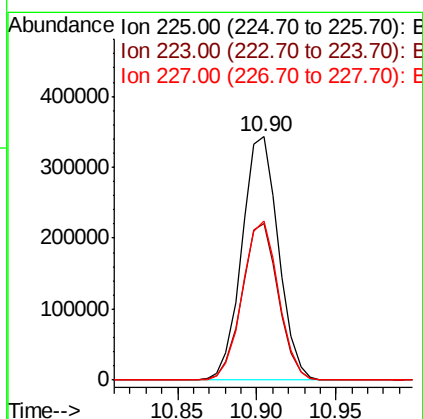
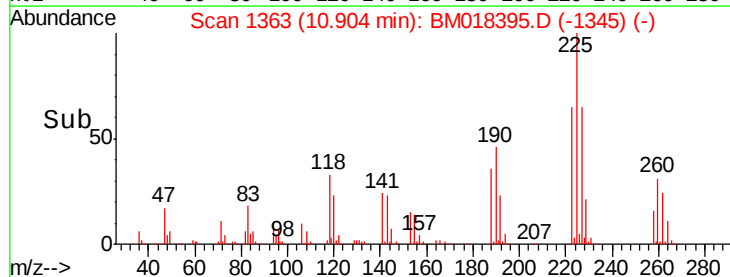
227 65.4 50.4 75.6

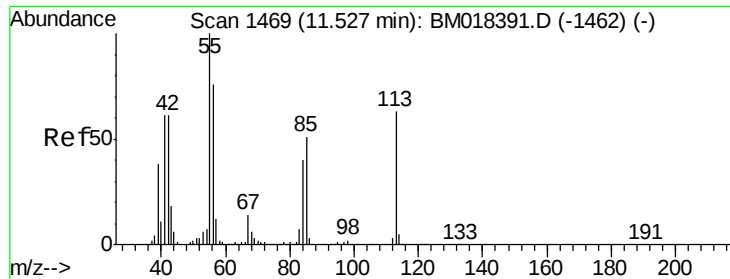


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

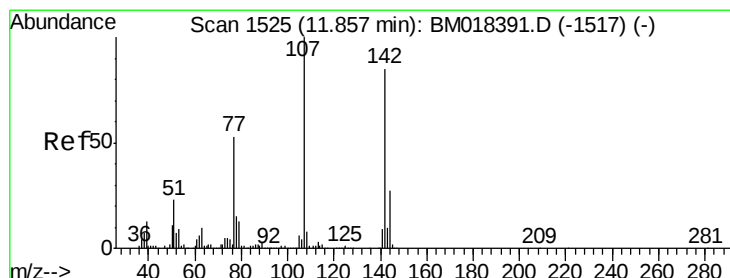
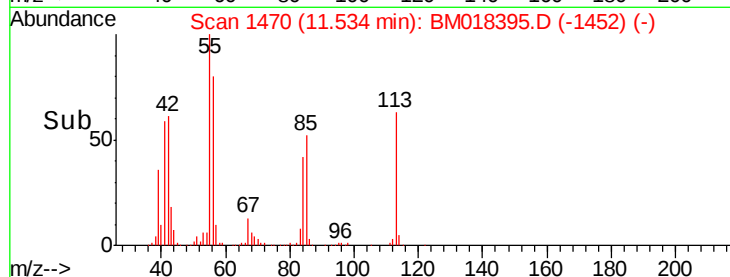
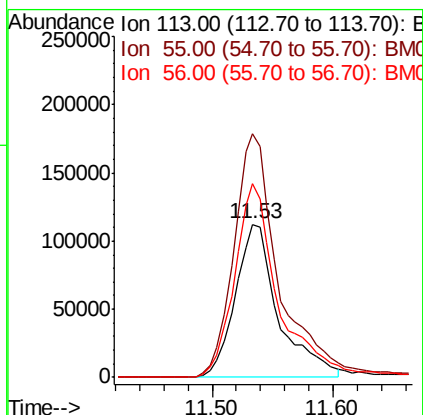
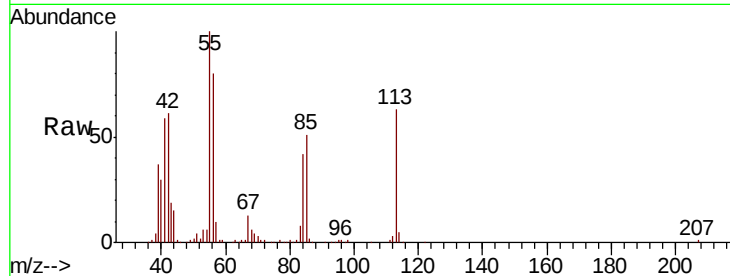




#35
 Caprolactam
 Concen: 40.774 ng
 RT: 11.53 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

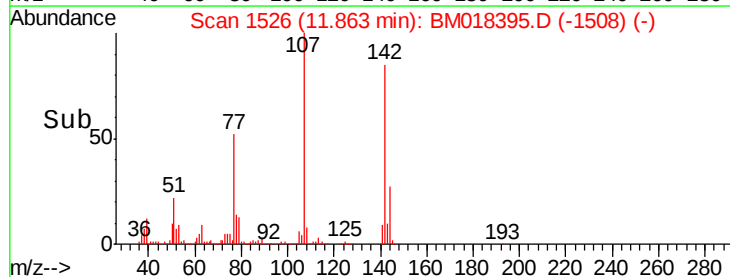
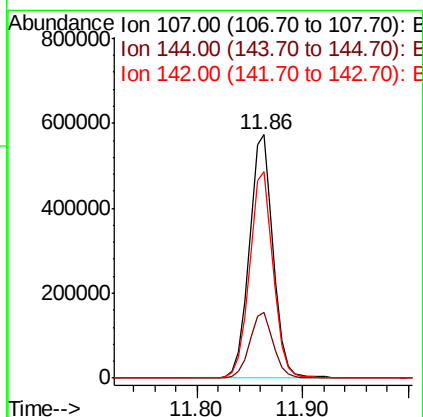
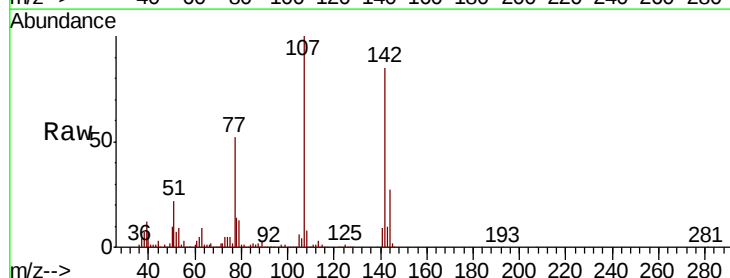
Instrument :
 BNA_M
 ClientSampled :

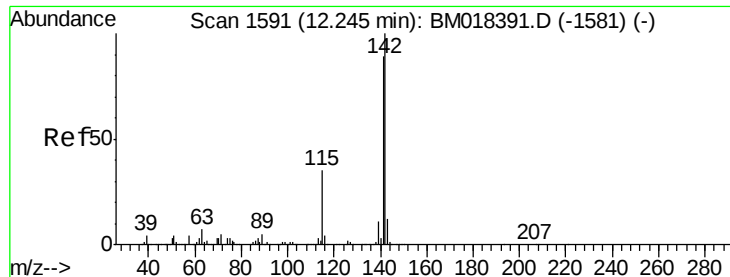
Tot Ion:113 Resp: 279699
 Ion Ratio Lower Upper
 113 100
 55 159.3 139.3 179.3
 56 127.0 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.844 ng
 RT: 11.86 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

Tgt Ion:107 Resp: 901412
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.9 32.9
 142 84.8 67.9 101.9

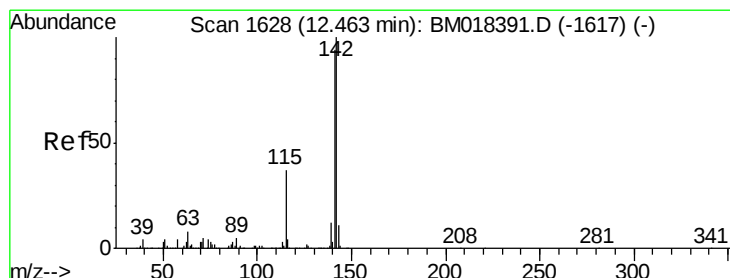
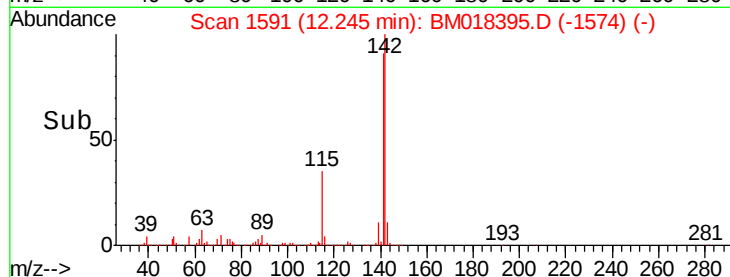
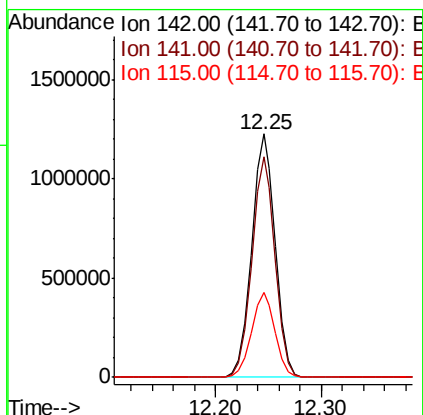
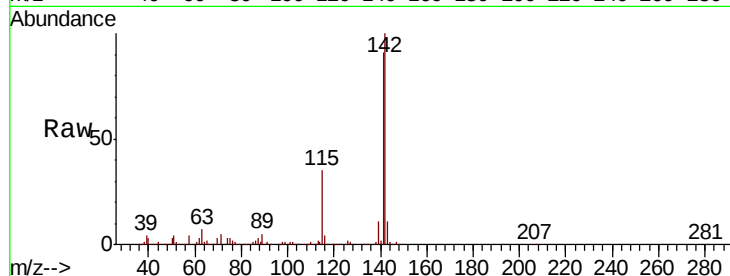




#37
 2-Methylnaphthalene
 Concen: 40.070 ng
 RT: 12.25 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

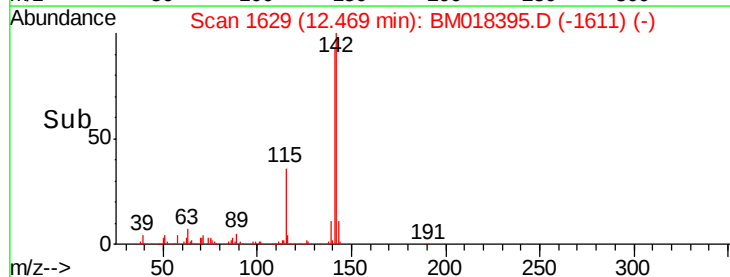
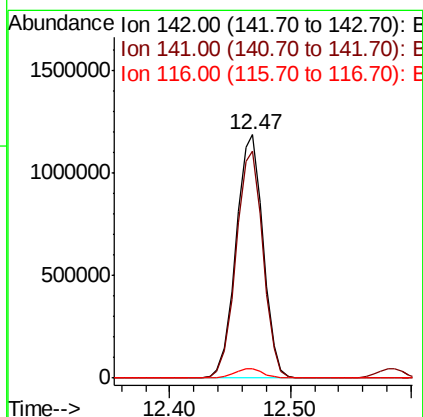
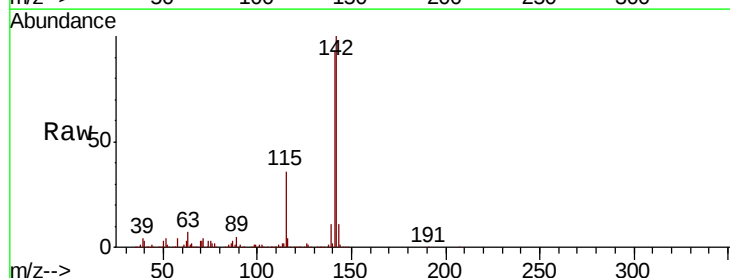
Instrument :
 BNA_M
 ClientSampleId :

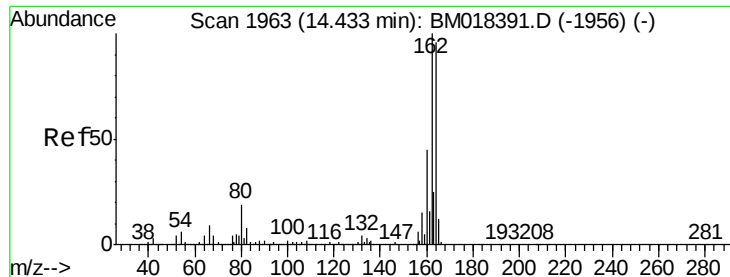
Tot Ion:142 Resp: 1895969
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.4 107.2
 115 34.6 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 40.222 ng
 RT: 12.47 min Scan# 1629
 Delta R.T. 0.01 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

Tgt Ion:142 Resp: 1850039
 Ion Ratio Lower Upper
 142 100
 141 93.4 75.6 113.4
 116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

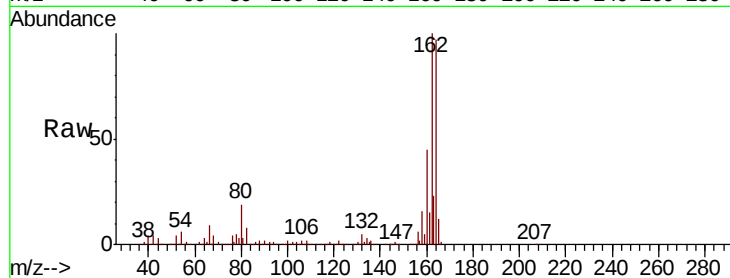
Tot Ion:164 Resp: 812195

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.4

160 46.0 37.1 55.7

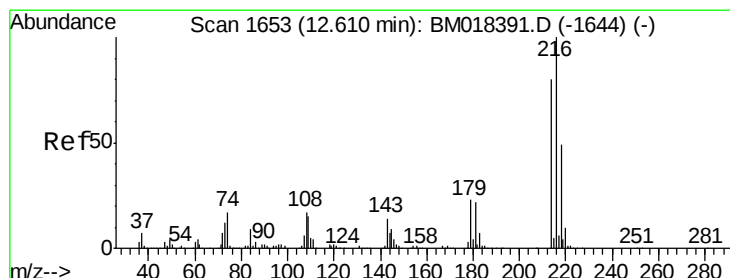
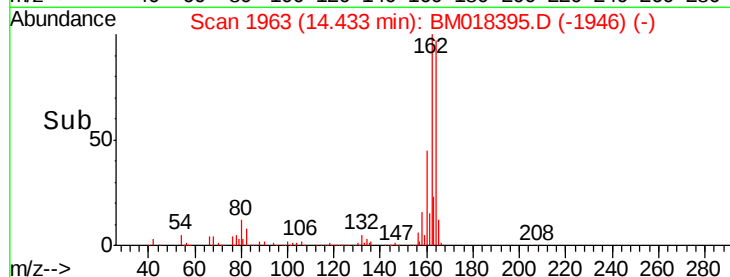
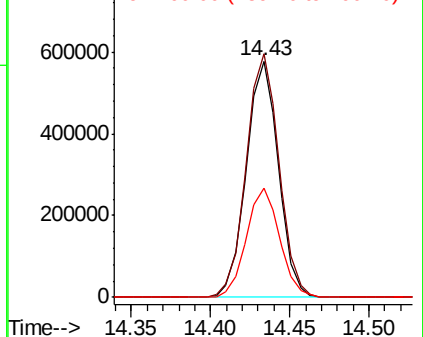


Abundance

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: 40.428 ng

RT: 12.61 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Tgt Ion:216 Resp: 1027957

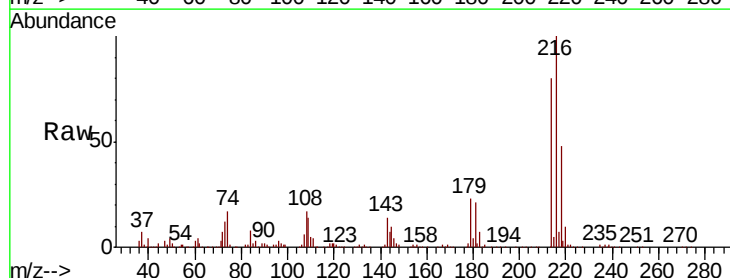
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.6 17.9 26.9

108 19.2 15.8 23.6



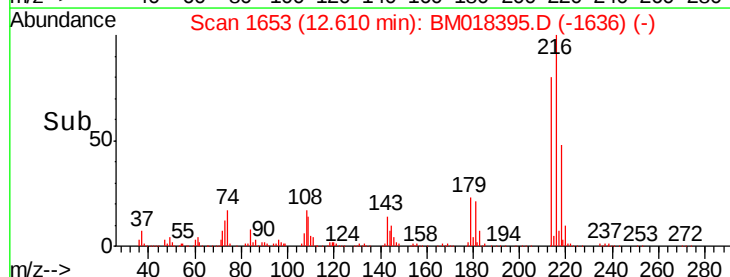
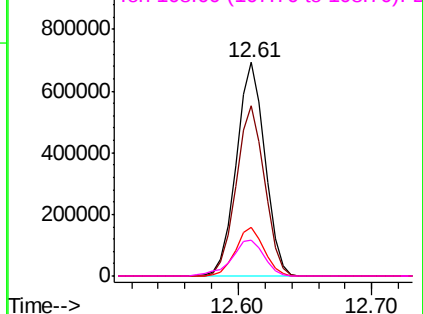
Abundance

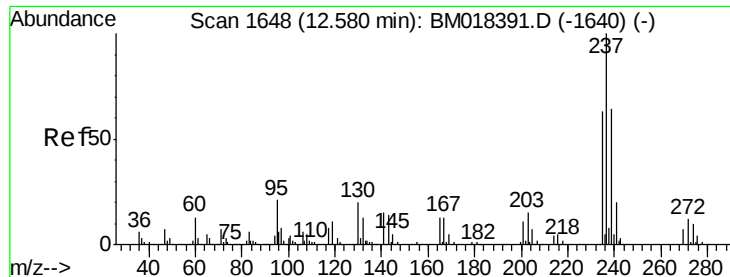
Ion 216.00 (215.70 to 216.70): E

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: 42.153 ng

RT: 12.59 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

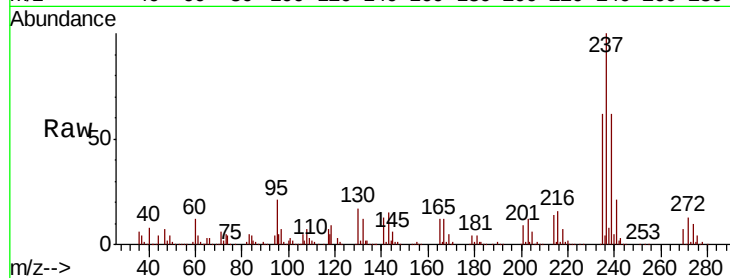
Tot Ion:237 Resp: 519704

Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.8	82.8
272	12.8	0.0	31.9

237 100

235 61.8 42.8 82.8

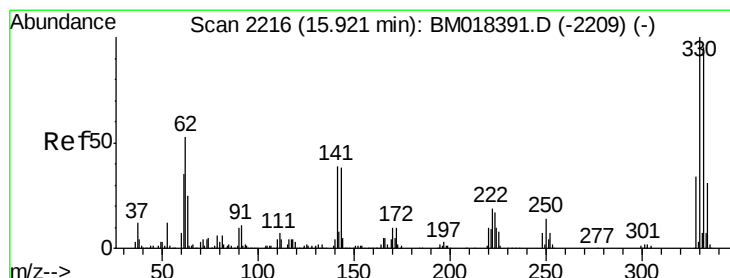
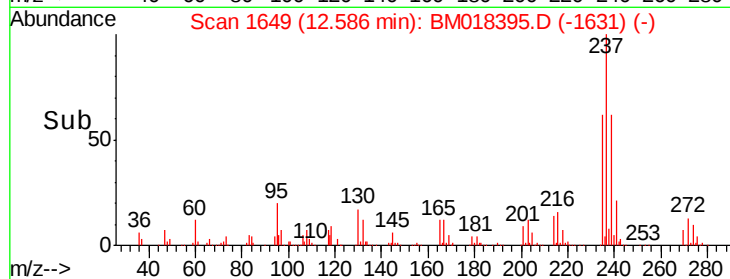
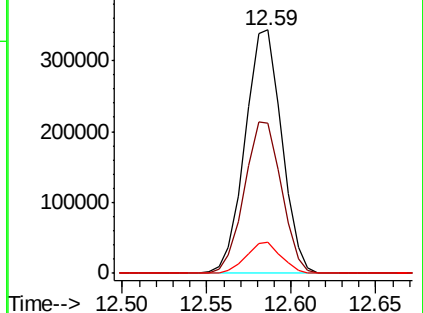
272 12.8 0.0 31.9



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: 83.278 ng

RT: 15.93 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

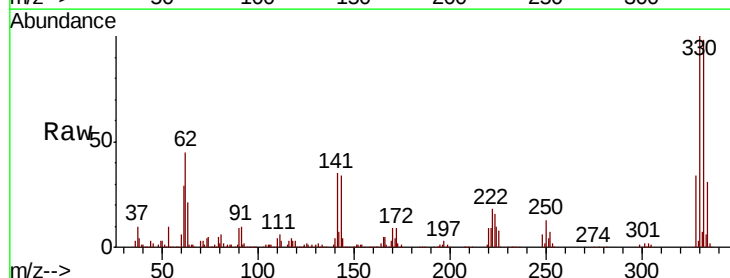
Tgt Ion:330 Resp: 859398

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.6	116.4
141	39.0	31.7	47.5

330 100

332 98.0 77.6 116.4

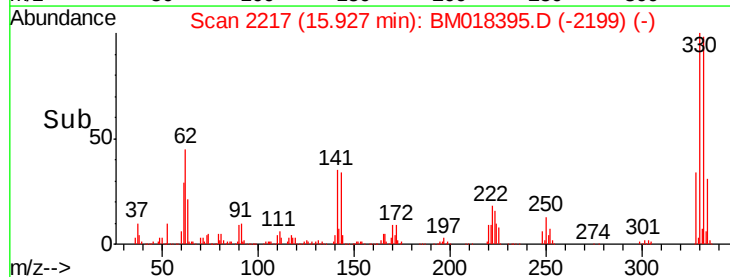
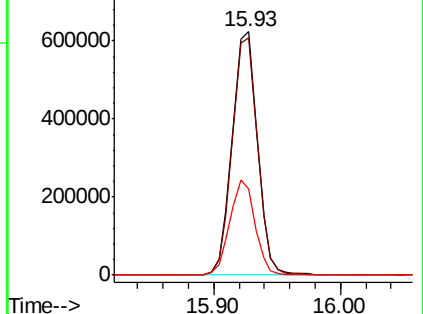
141 39.0 31.7 47.5

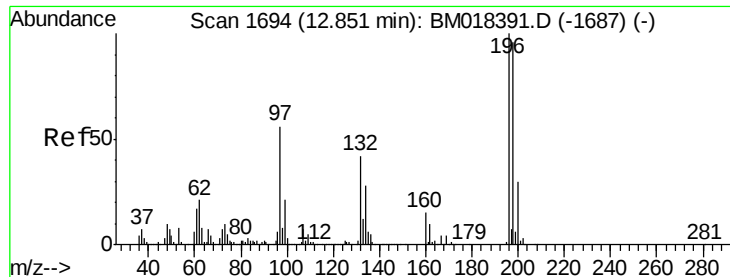


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

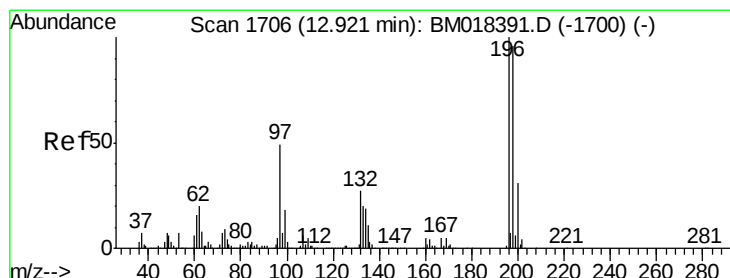
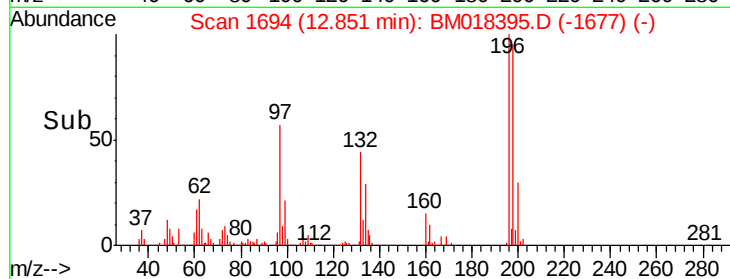
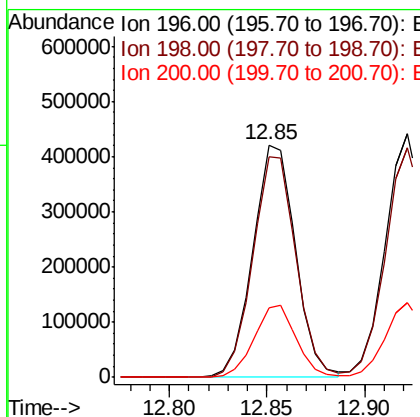
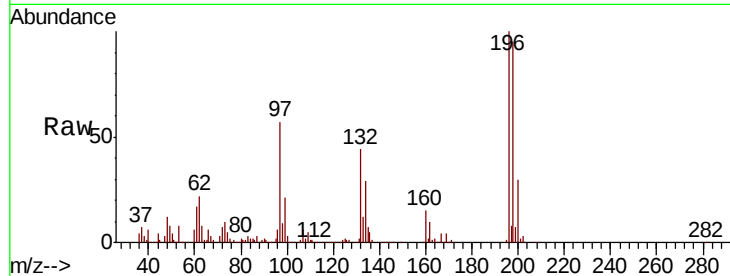




#43
 2,4,6-Trichlorophenol
 Concen: 44.143 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

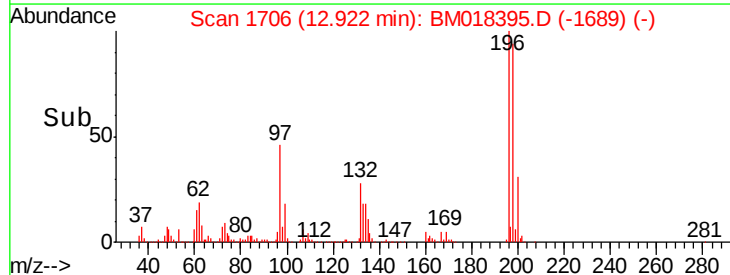
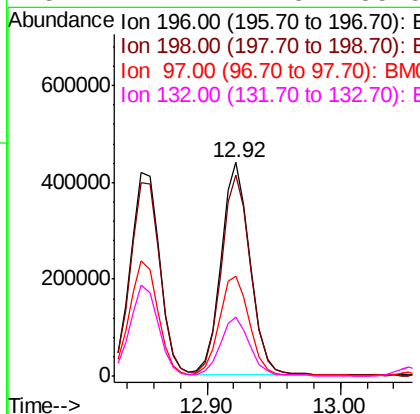
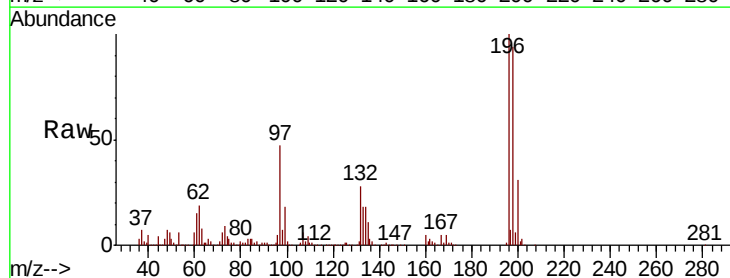
Instrument :
 BNA_M
 ClientSampled :

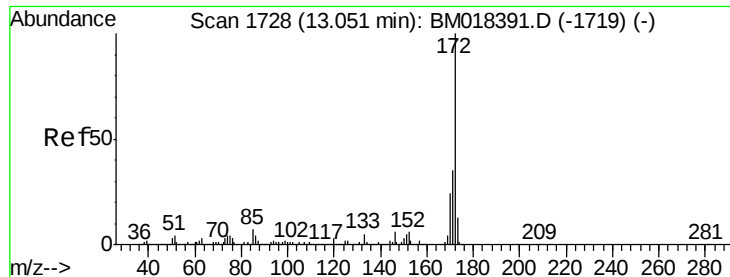
Tot Ion:196 Resp: 637568
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 115.0
 200 29.9 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.272 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

Tgt Ion:196 Resp: 667190
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.7 115.1
 97 46.7 39.2 58.8
 132 27.7 22.3 33.5

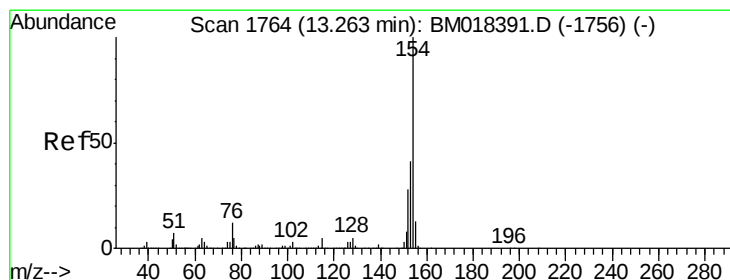
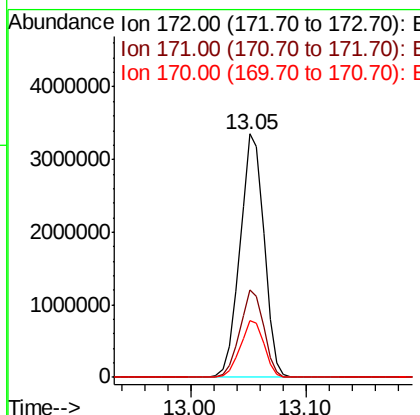
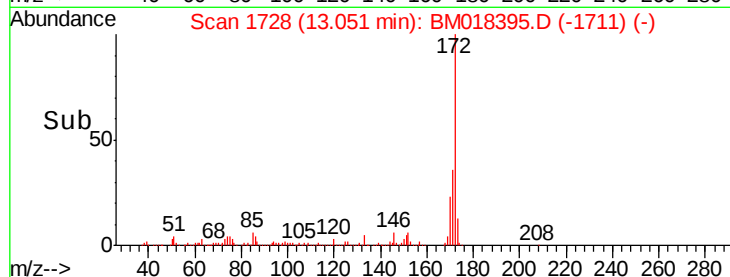
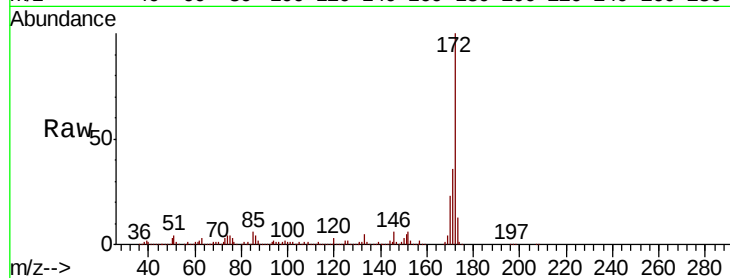




#45
2-Fluorobiphenyl
Concen: 80.498 ng
RT: 13.05 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

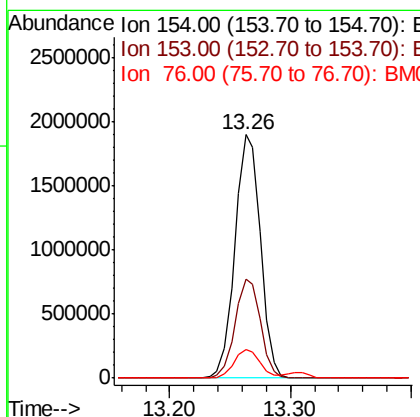
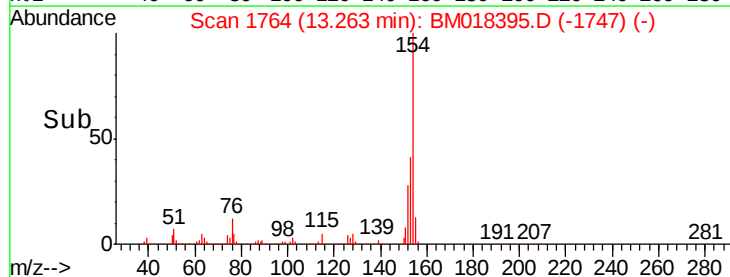
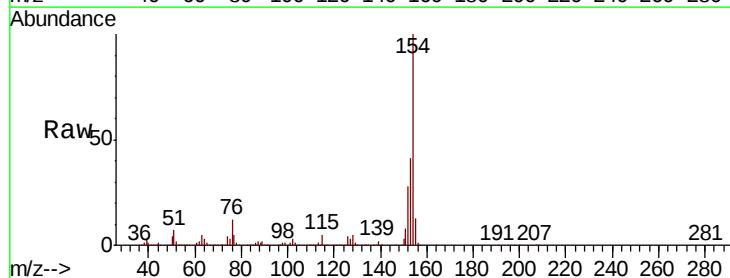
Instrument :
BNA_M
ClientSampleId :

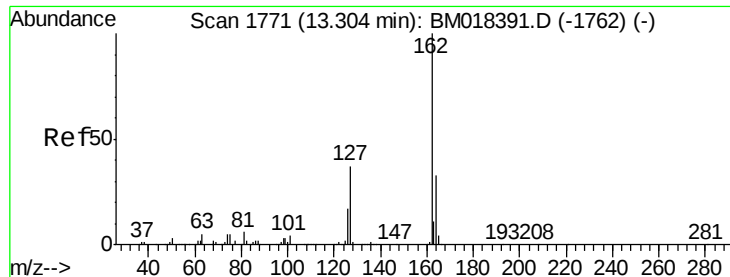
Tot Ion:172 Resp: 4827240
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.183 ng
RT: 13.26 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion:154 Resp: 2788906
Ion Ratio Lower Upper
154 100
153 40.9 20.5 60.5
76 11.9 0.0 31.9

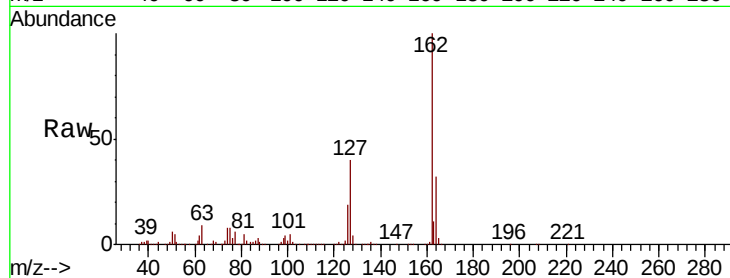




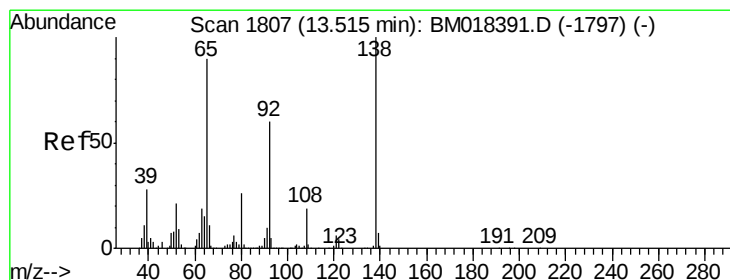
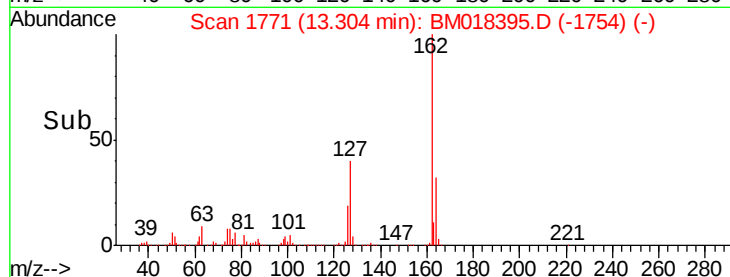
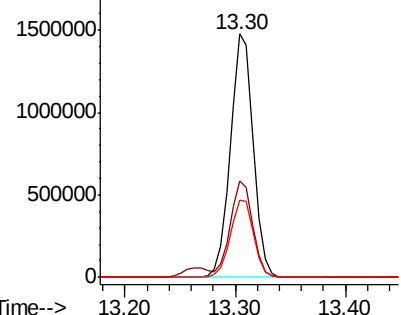
#47
2-Chloronaphthalene
Concen: 40.243 ng
RT: 13.30 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 2139226
Ion Ratio Lower Upper
162 100
127 39.6 31.4 47.0
164 32.0 26.2 39.4

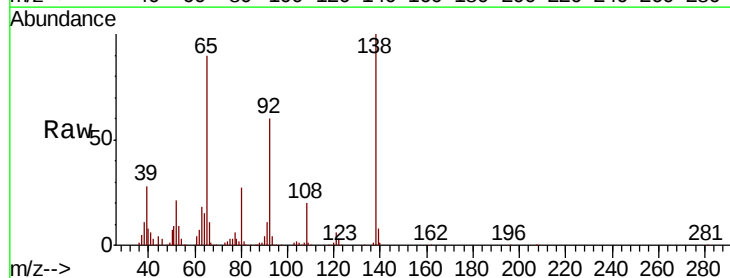


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

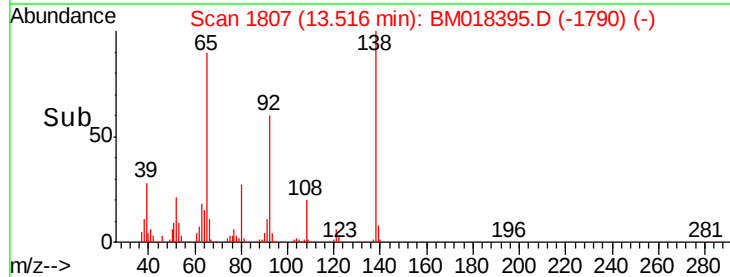
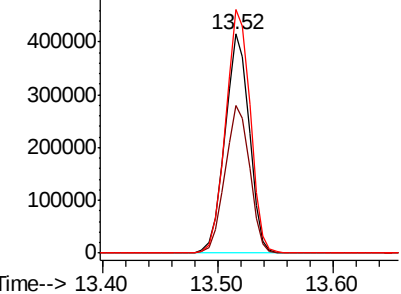


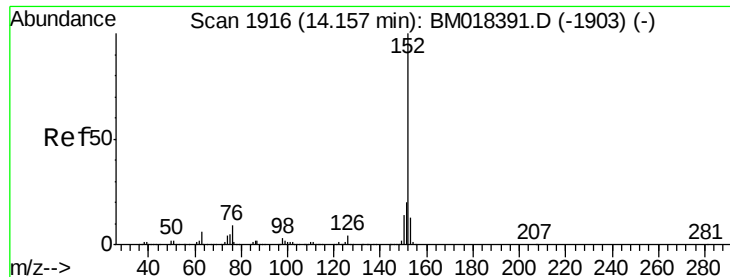
#48
2-Nitroaniline
Concen: 42.335 ng
RT: 13.52 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion: 65 Resp: 603870
Ion Ratio Lower Upper
65 100
92 67.3 53.4 80.2
138 111.3 88.9 133.3



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





#49

Acenaphthylene

Concen: 40.507 ng

RT: 14.16 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

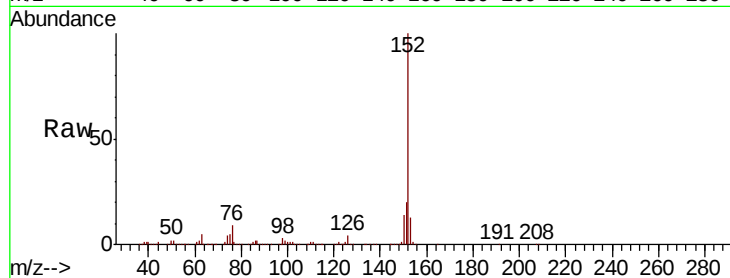
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 3315038

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.9	10.5	15.7

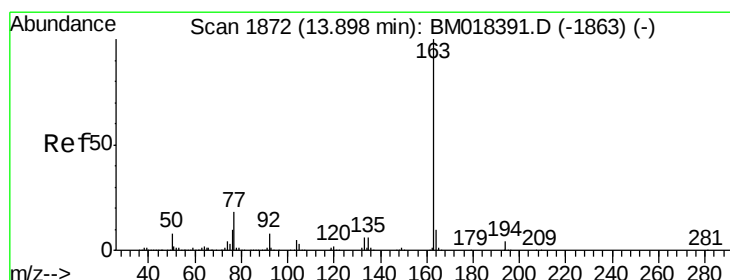
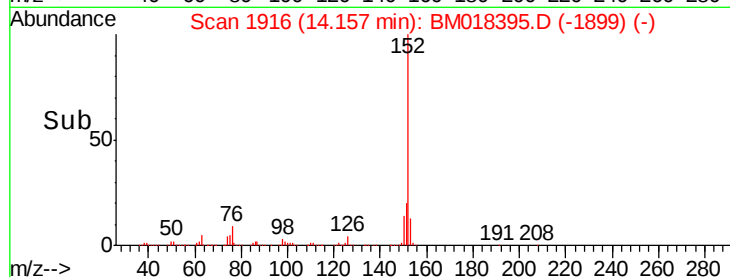
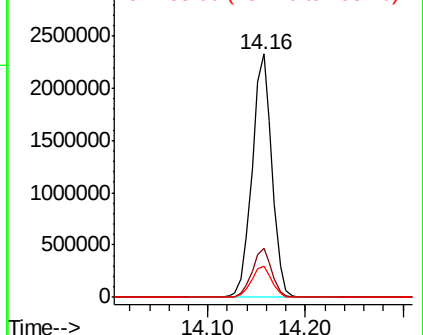


Abundance

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: 40.723 ng

RT: 13.90 min Scan# 1872

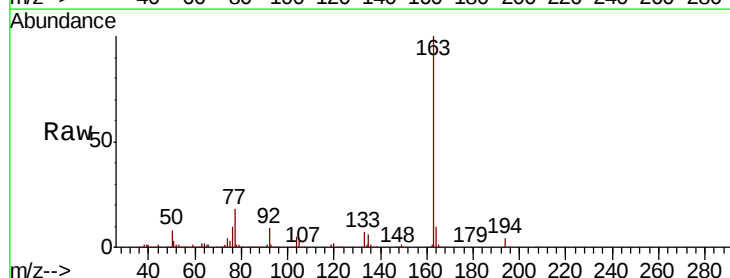
Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Tgt Ion:163 Resp: 2763264

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.9	7.8	11.8

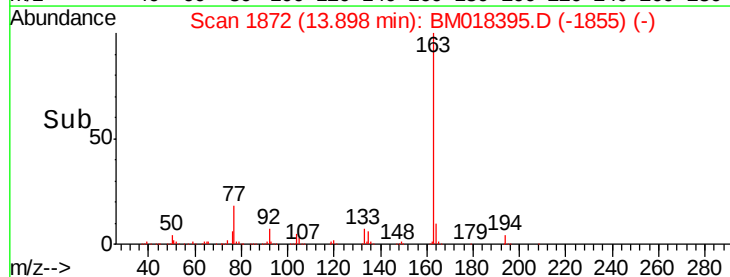
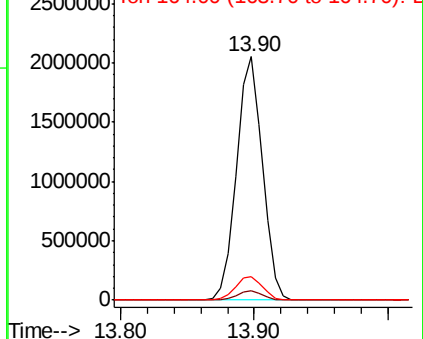


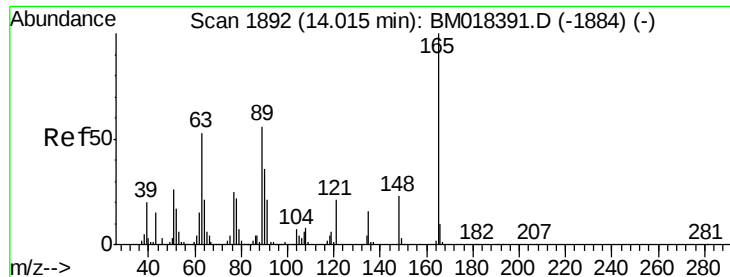
Abundance

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

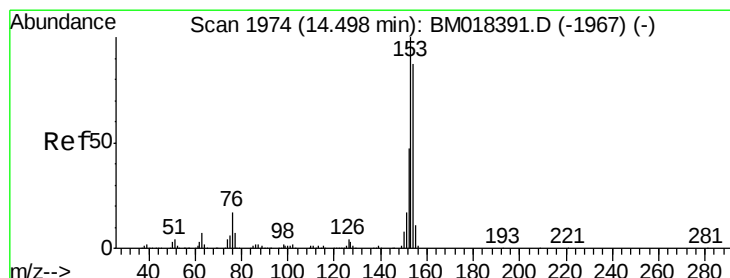
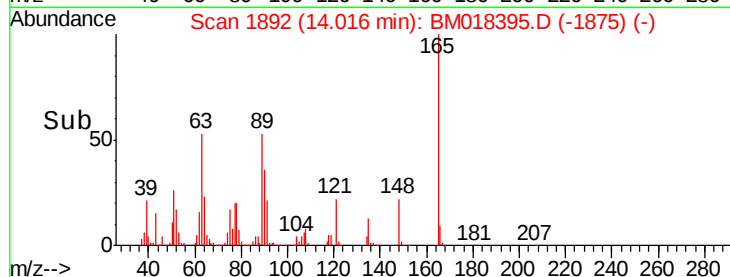
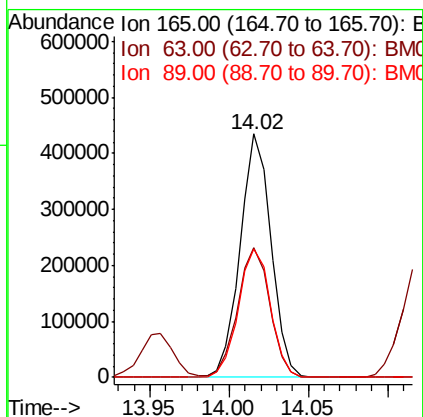
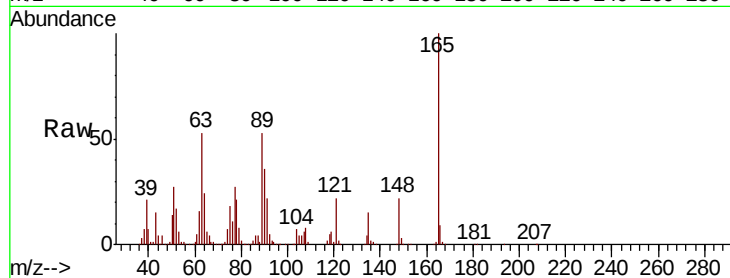




#51
2,6-Dinitrotoluene
Concen: 41.431 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

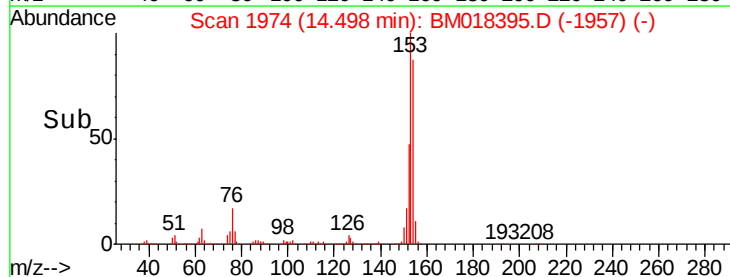
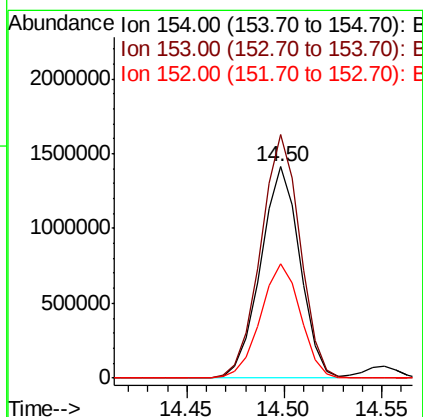
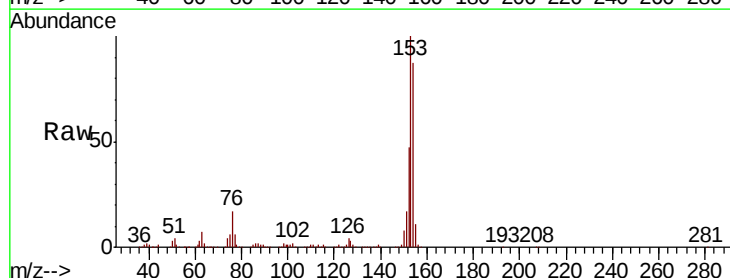
Instrument :
BNA_M
ClientSampled :

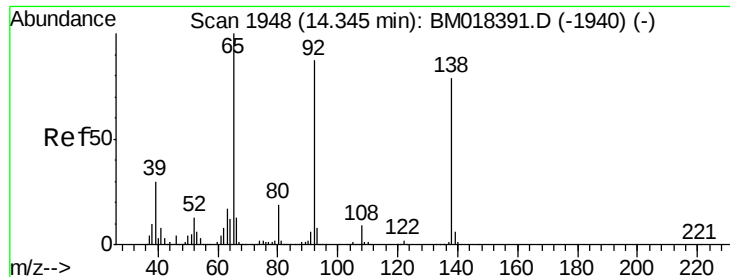
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.5	45.6	68.4
89	53.0	44.6	66.8



#52
Acenaphthene
Concen: 39.966 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.3	138.5
152	54.0	43.8	65.6

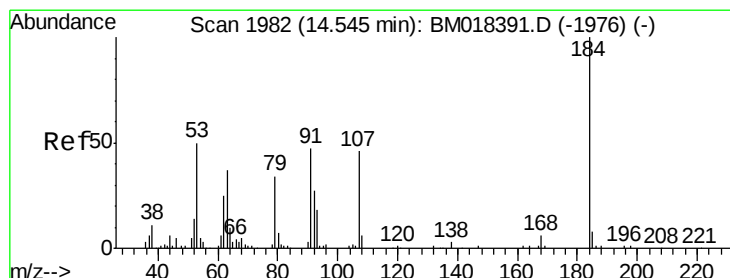
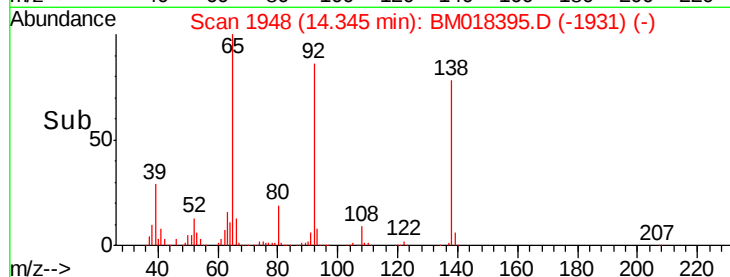
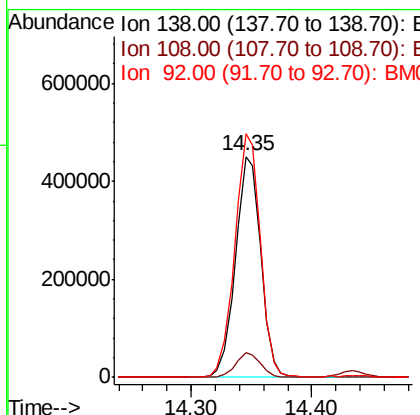
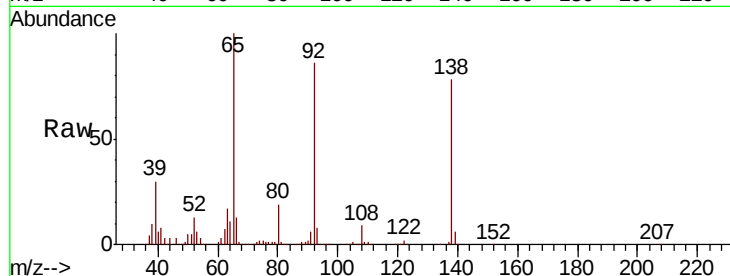




#53
3-Nitroaniline
Concen: 41.756 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

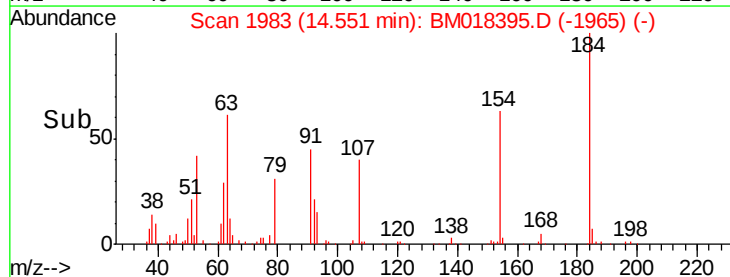
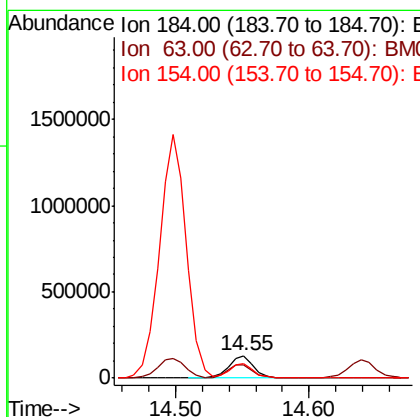
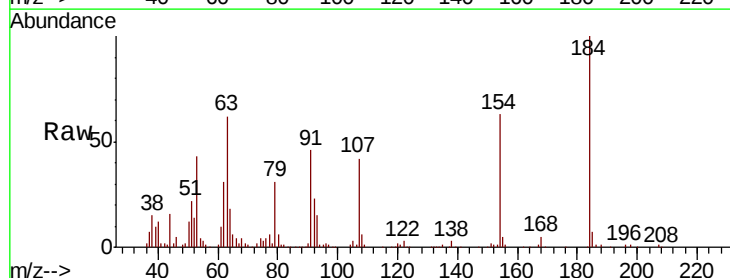
Instrument :
BNA_M
ClientSampleId :

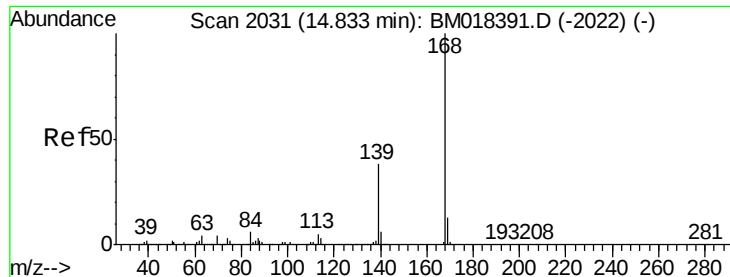
Tot Ion:138 Resp: 661328
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 110.2 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 43.777 ng
RT: 14.55 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion:184 Resp: 166587
Ion Ratio Lower Upper
184 100
63 61.7 55.9 83.9
154 63.3 54.2 81.4

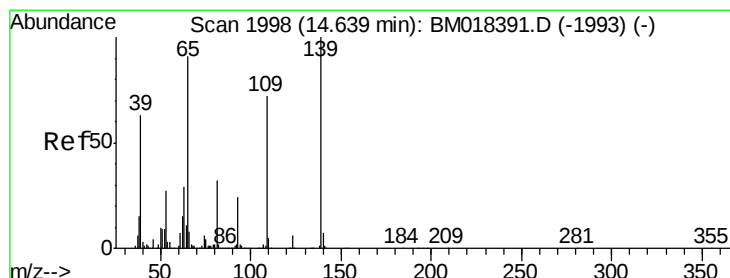
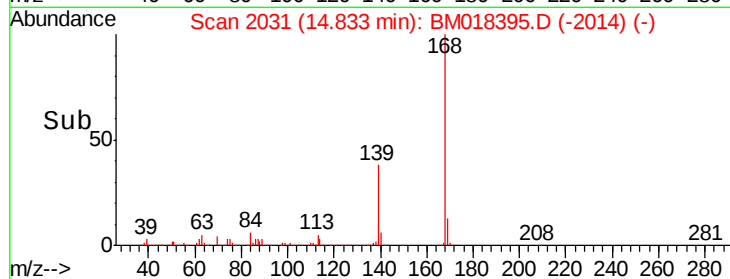
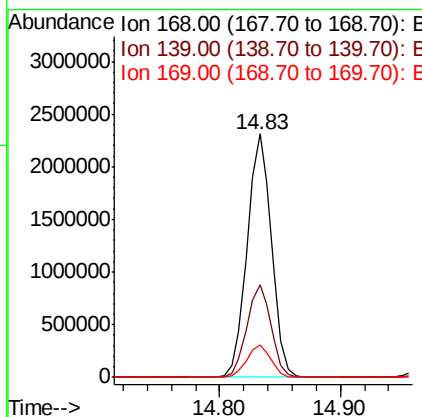
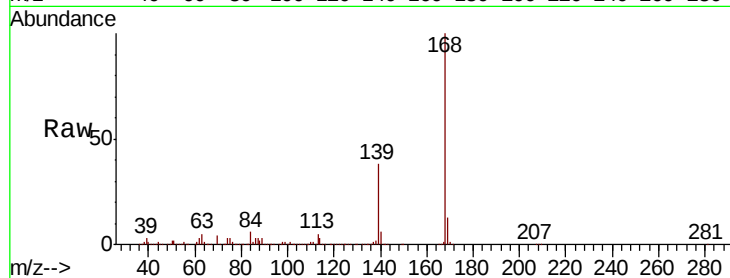




#55
Dibenzofuran
Concen: 40.074 ng
RT: 14.83 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

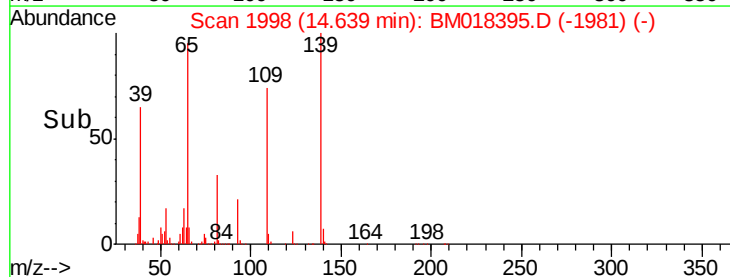
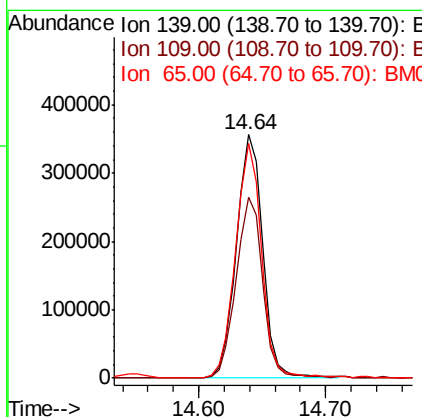
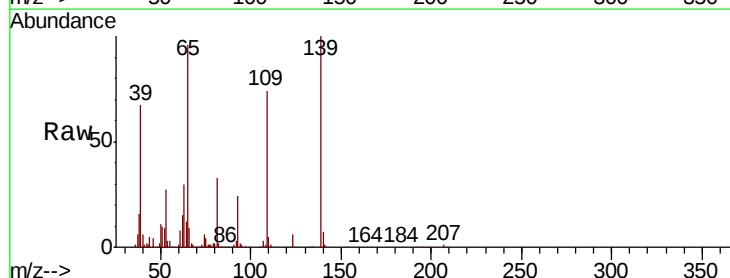
Instrument :
BNA_M
ClientSampleId :

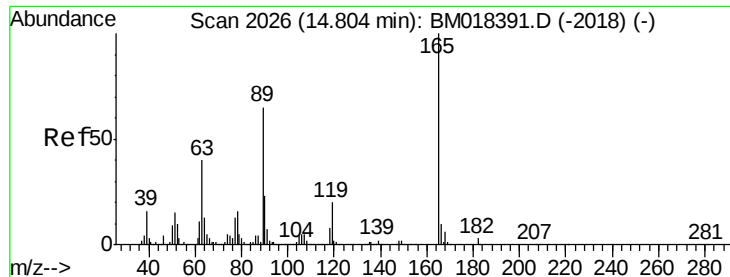
Tot Ion:168 Resp: 3238453
Ion Ratio Lower Upper
168 100
139 37.9 30.3 45.5
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 40.312 ng
RT: 14.64 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion:139 Resp: 508895
Ion Ratio Lower Upper
139 100
109 74.0 51.7 91.7
65 96.3 71.4 111.4

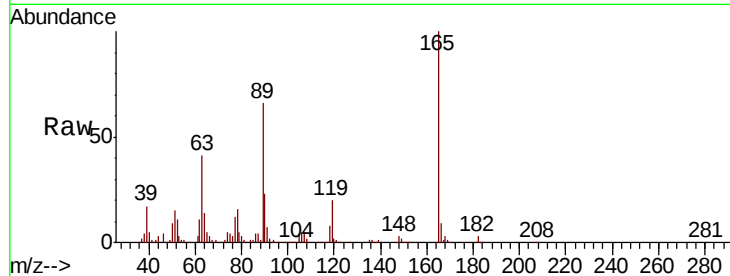




#57
2,4-Dinitrotoluene
Concen: 42.304 ng
RT: 14.80 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	32.2	48.2
89	66.3	52.1	78.1
182	2.9	2.5	3.7



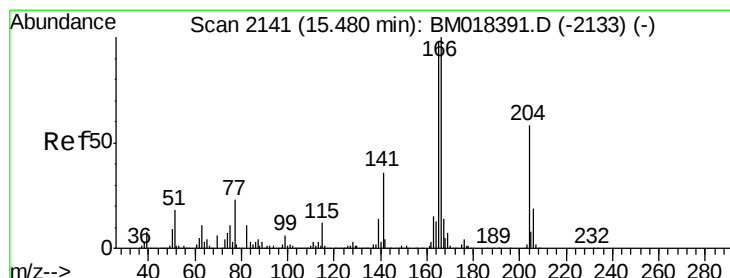
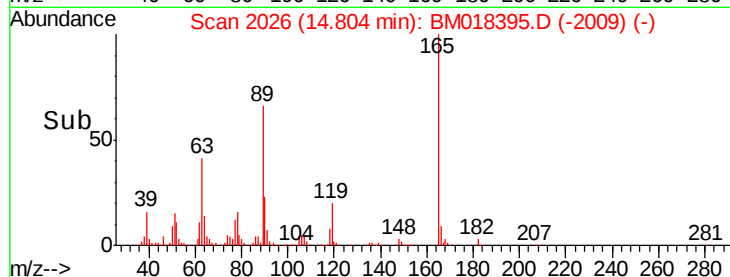
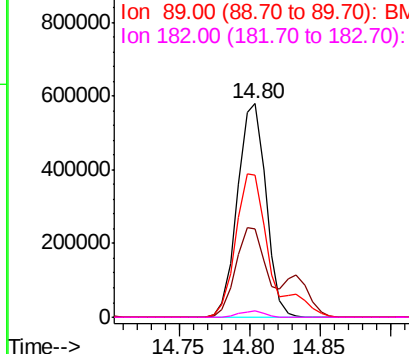
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

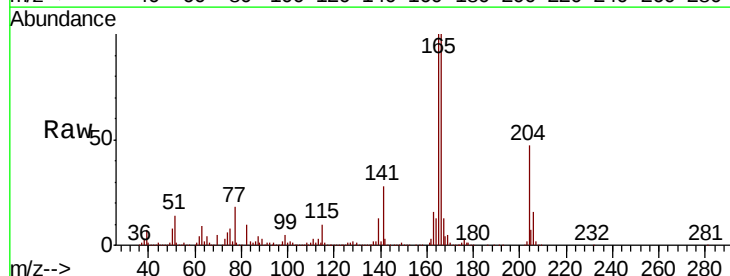
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.792 ng
RT: 15.49 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.3	117.5
167	13.4	10.9	16.3

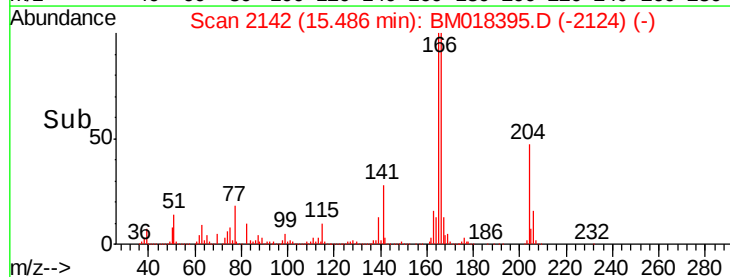
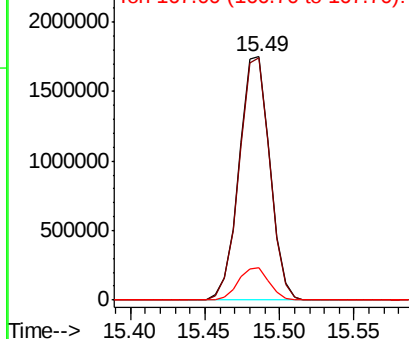


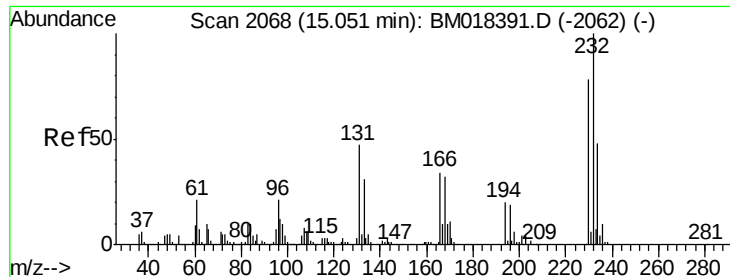
Abundance

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

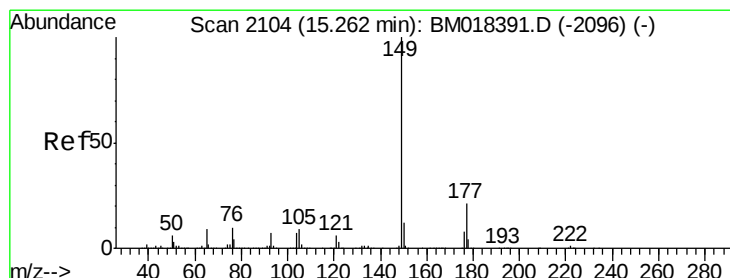
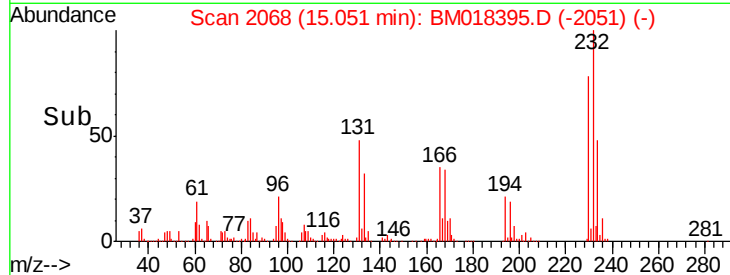
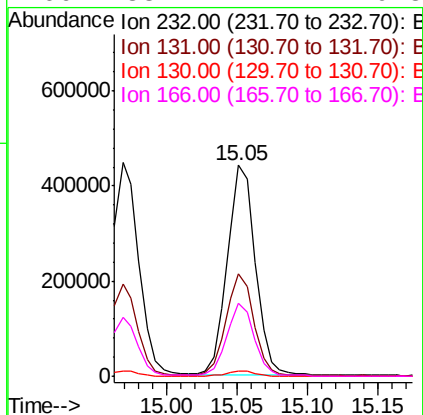
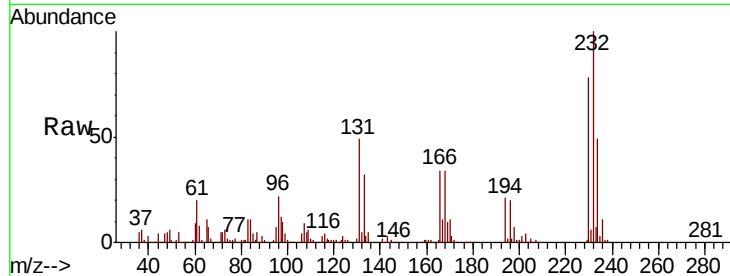




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.974 ng
 RT: 15.05 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

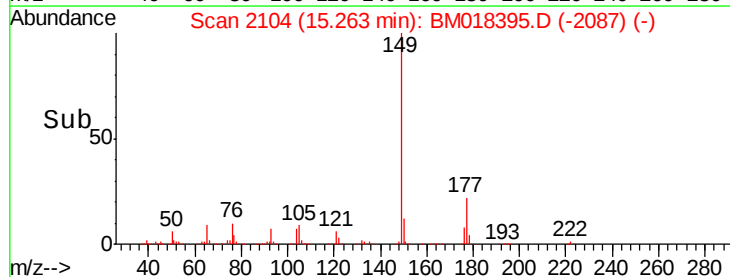
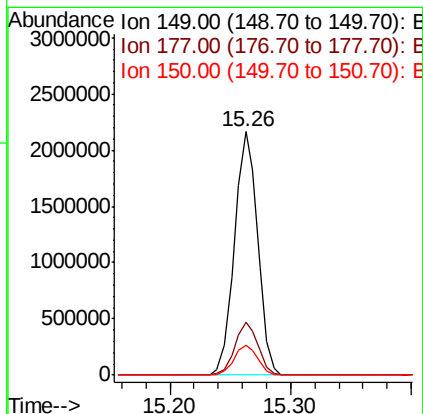
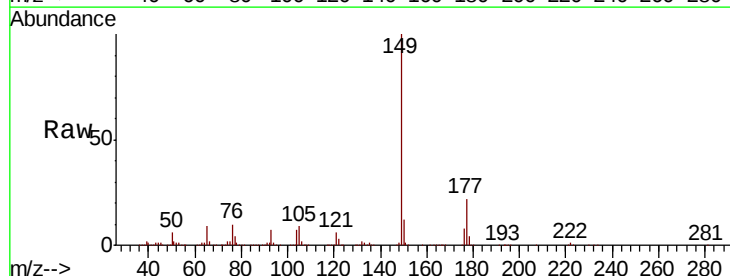
Instrument :
 BNA_M
 ClientSampleId :

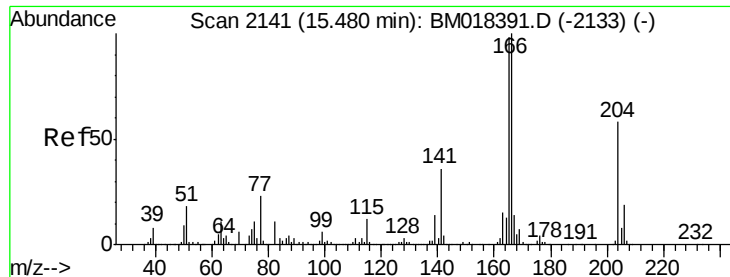
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	38.6	57.8
130	2.6	2.2	3.4
166	33.7	27.2	40.8



#60
 Diethylphthalate
 Concen: 40.847 ng
 RT: 15.26 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.4	9.8	14.6

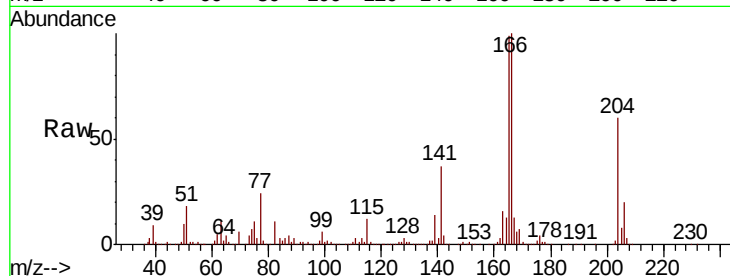




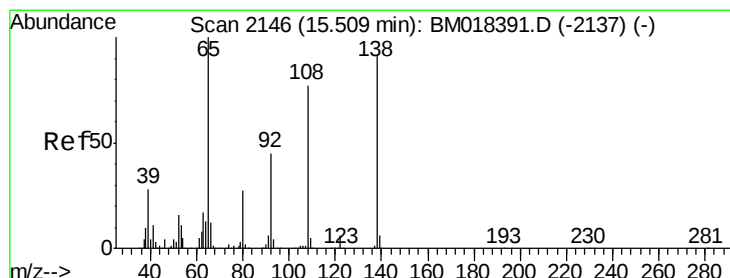
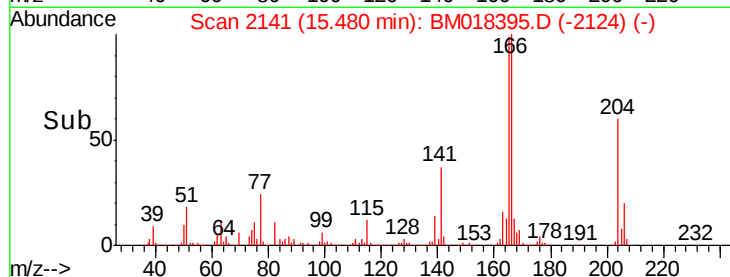
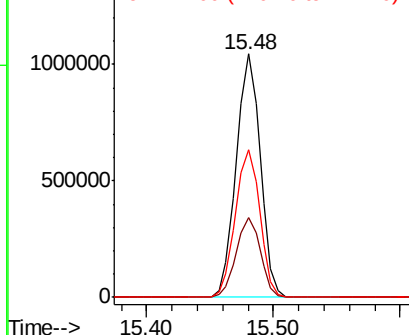
#61
4-Chlorophenyl-phenylether
Concen: 39.546 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1367588
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 60.9 49.5 74.3

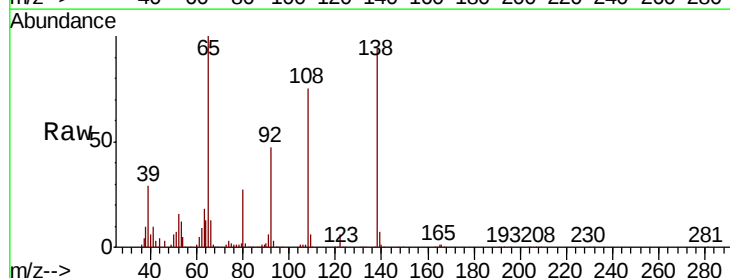


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

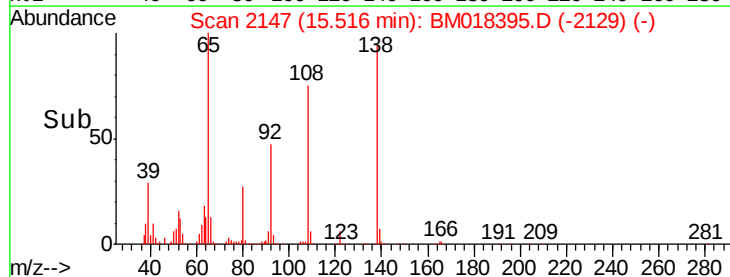
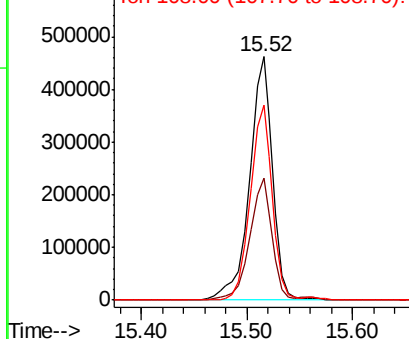


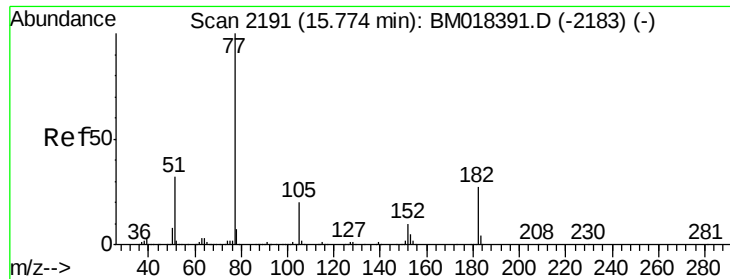
#62
4-Nitroaniline
Concen: 41.794 ng
RT: 15.52 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion:138 Resp: 704564
Ion Ratio Lower Upper
138 100
92 50.2 29.0 69.0
108 80.1 63.9 103.9



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





#63

Azobenzene

Concen: 39.748 ng

RT: 15.77 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2571158

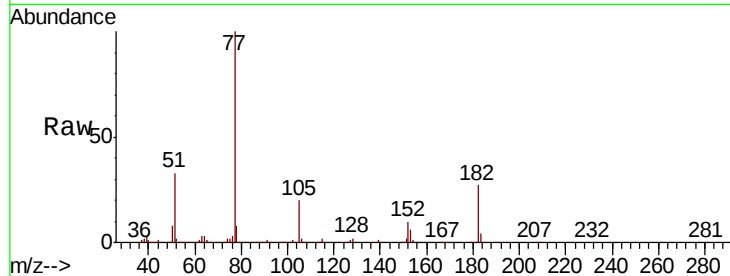
Ion	Ratio	Lower	Upper
77	100		
182	26.6	7.4	47.4
105	19.7	0.0	39.6
51	33.0	12.0	52.0

77 100

182 26.6 7.4 47.4

105 19.7 0.0 39.6

51 33.0 12.0 52.0



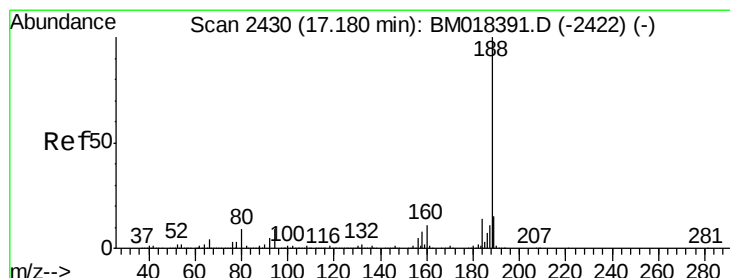
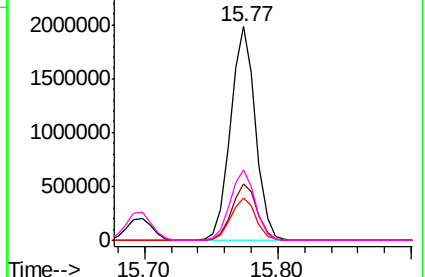
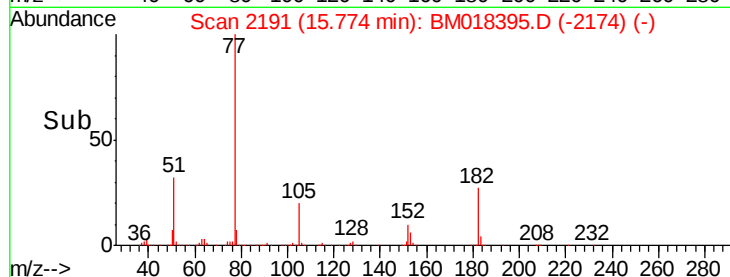
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

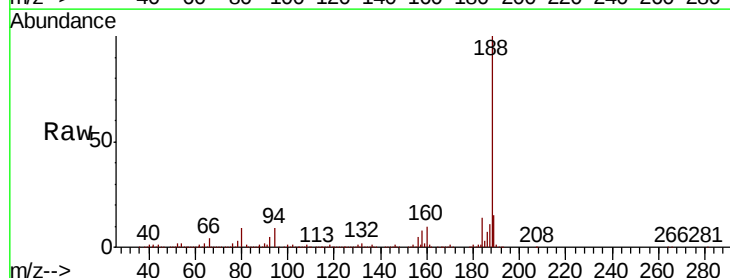
Tgt Ion: 188 Resp: 1888632

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	8.9	7.6	11.4

188 100

94 8.8 7.1 10.7

80 8.9 7.6 11.4

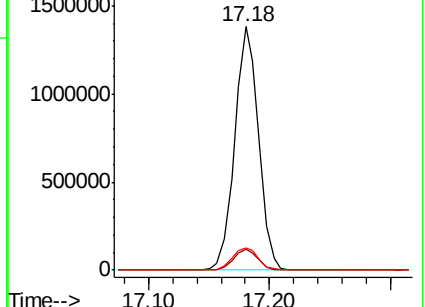
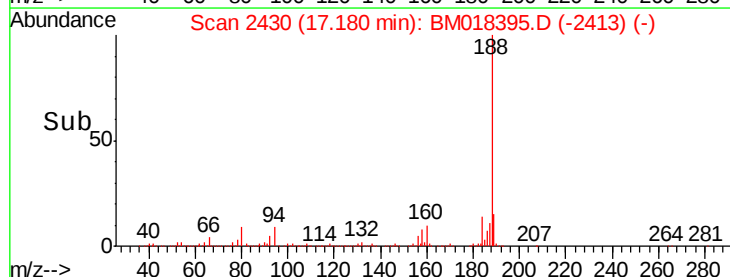


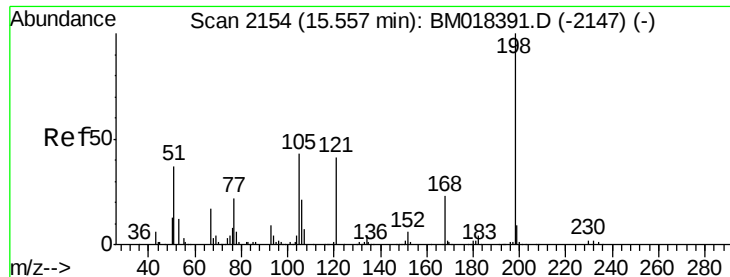
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 43.423 ng

RT: 15.56 min Scan# 2155

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

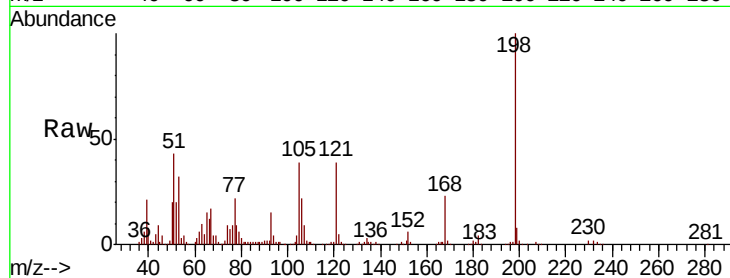
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 334108

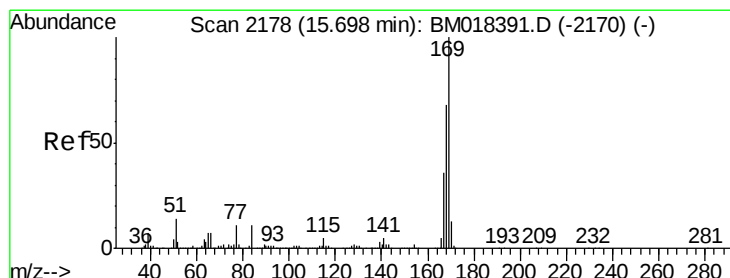
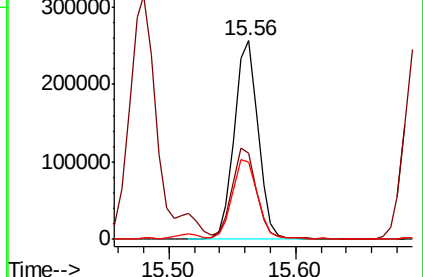
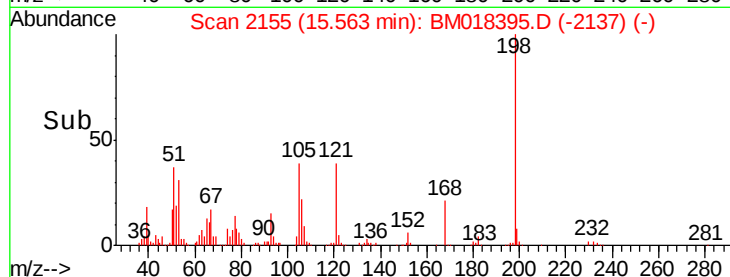
Ion	Ratio	Lower	Upper
198	100		
51	43.2	29.6	69.6
105	38.8	25.5	65.5



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: 40.763 ng

RT: 15.70 min Scan# 2178

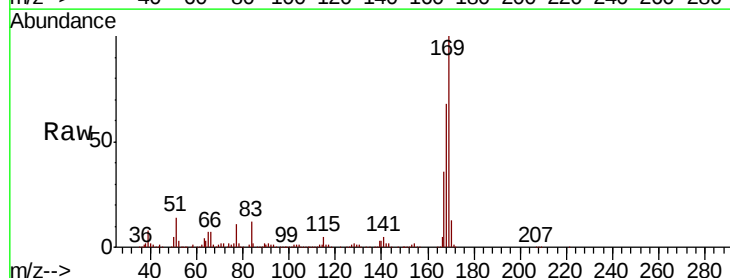
Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Tgt Ion:169 Resp: 2399393

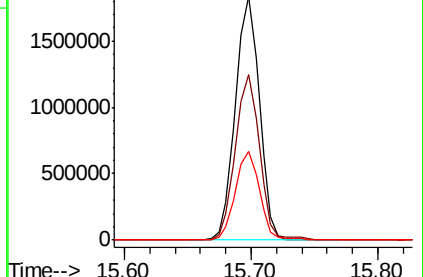
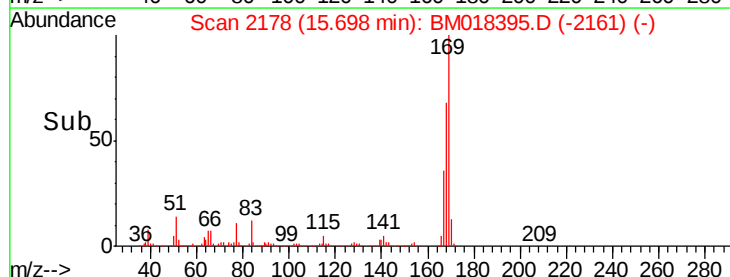
Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.1	81.1
167	36.3	28.6	42.8

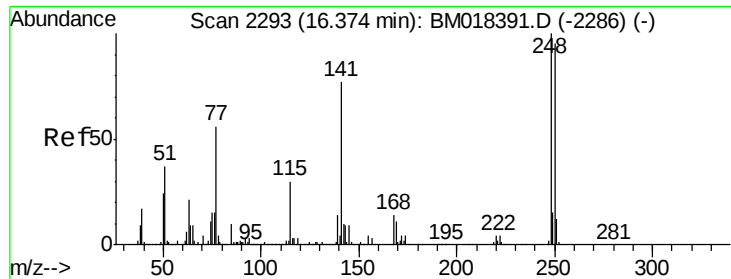


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

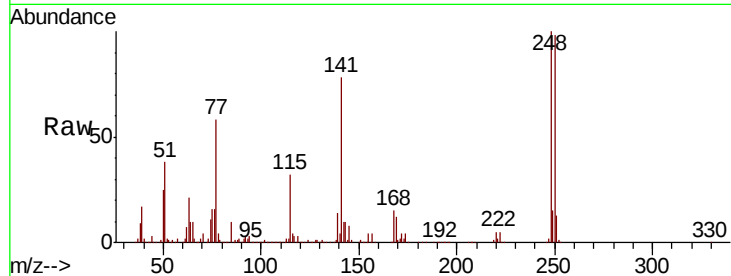




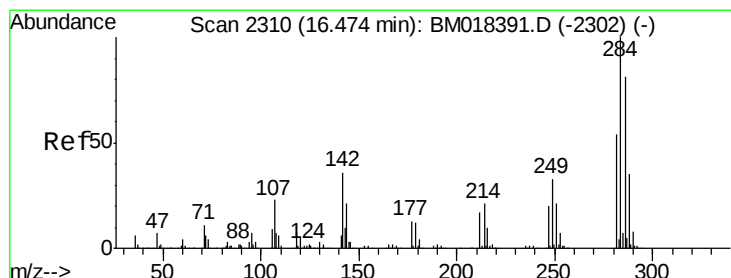
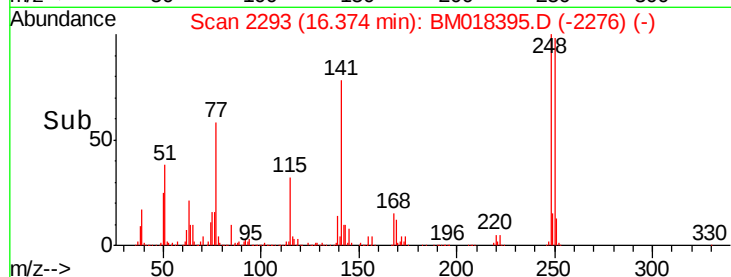
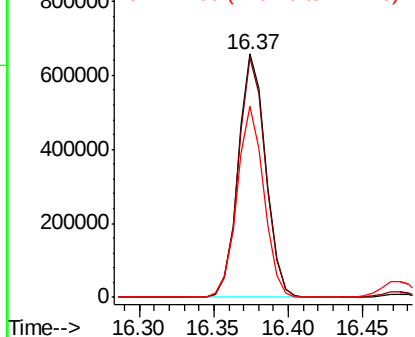
#67
4-Bromophenyl-phenylether
Concen: 40.691 ng
RT: 16.37 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 836888
Ion Ratio Lower Upper
248 100
250 98.4 76.0 114.0
141 78.5 61.5 92.3

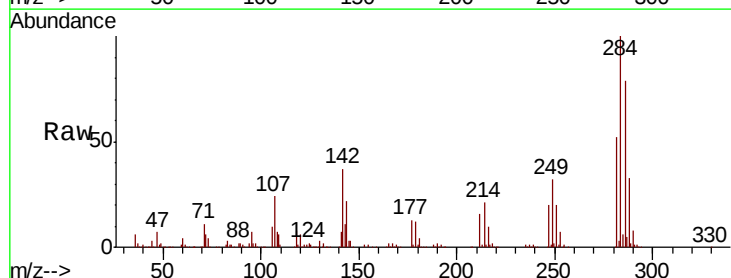


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

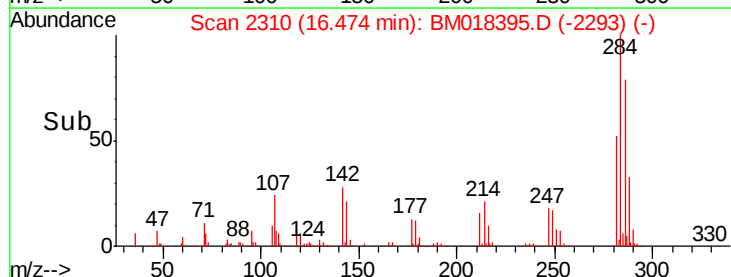
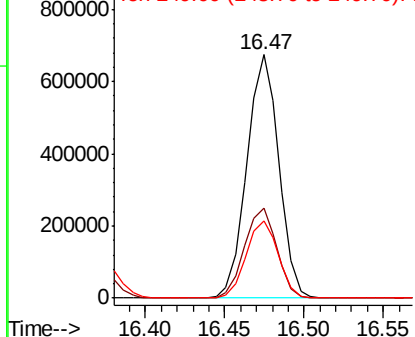


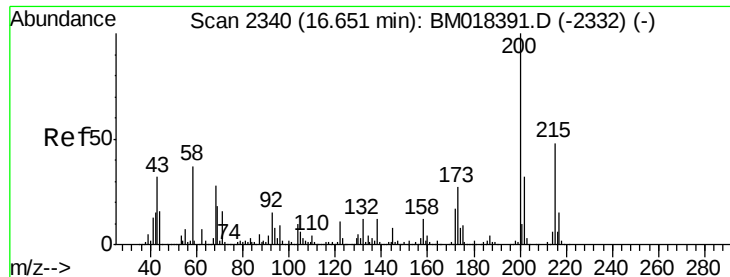
#68
Hexachlorobenzene
Concen: 40.508 ng
RT: 16.47 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion:284 Resp: 943727
Ion Ratio Lower Upper
284 100
142 36.9 29.2 43.8
249 31.5 26.1 39.1



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





#69

Atrazine

Concen: 42.475 ng

RT: 16.65 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

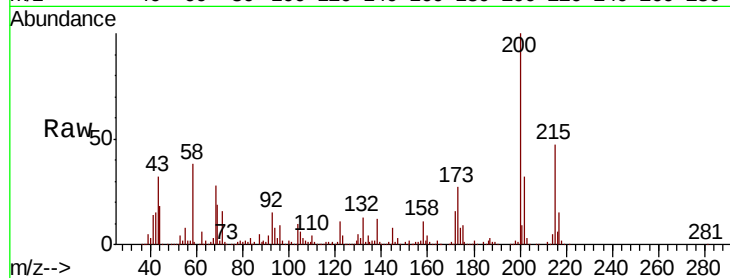
Tot Ion:200 Resp: 926804

Ion Ratio Lower Upper

200 100

173 26.9 7.2 47.2

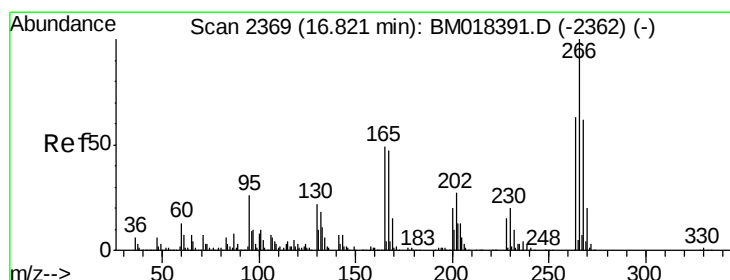
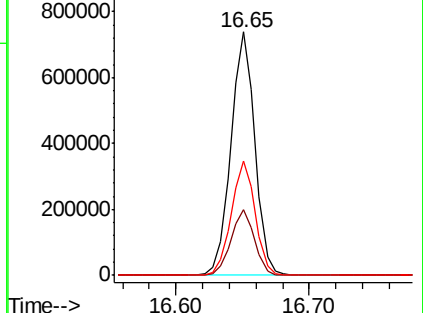
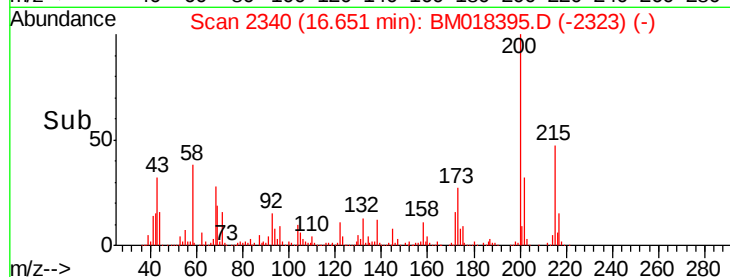
215 47.1 28.3 68.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.167 ng

RT: 16.82 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

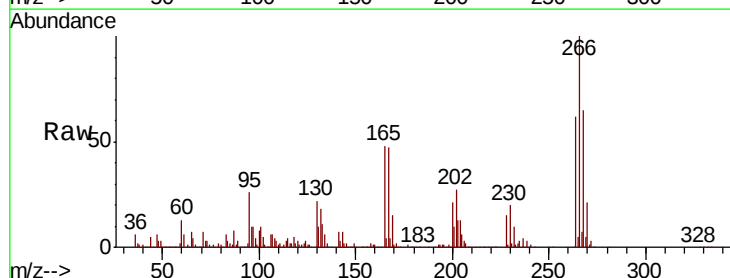
Tgt Ion:266 Resp: 600004

Ion Ratio Lower Upper

266 100

268 65.1 49.8 74.6

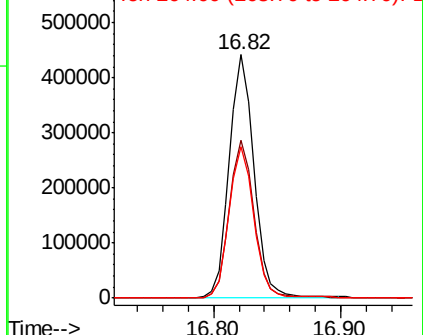
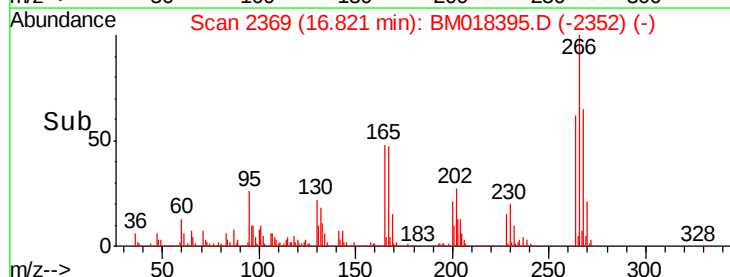
264 62.1 50.1 75.1

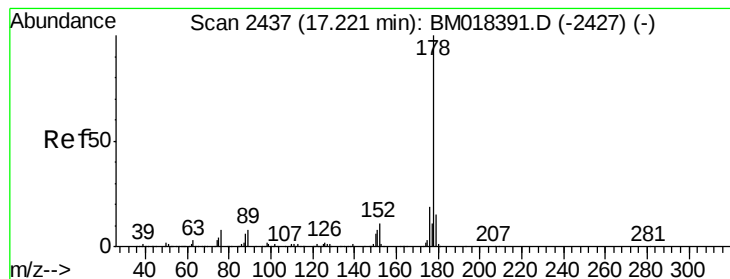


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.634 ng

RT: 17.22 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

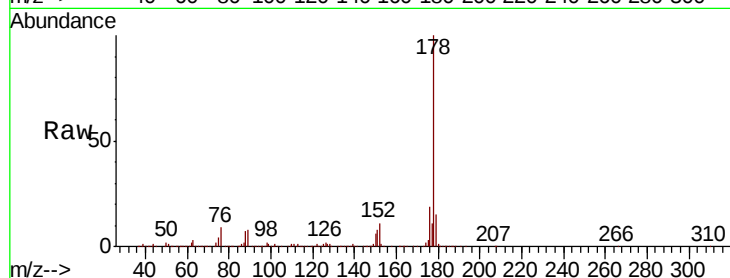
Tot Ion:178 Resp: 4062482

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

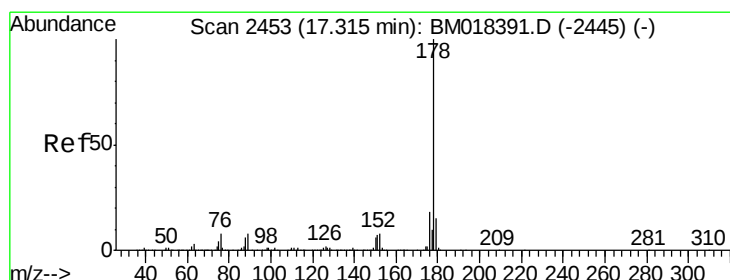
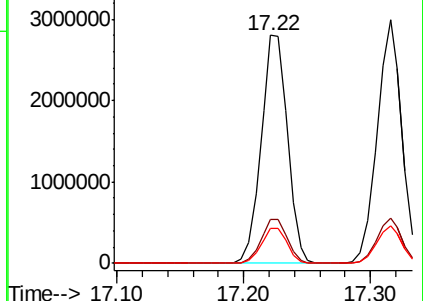
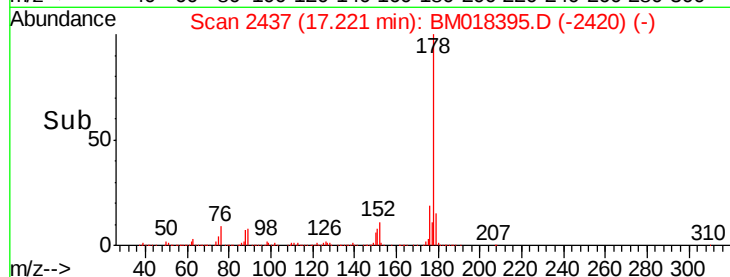
179 15.5 12.2 18.4



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: 40.481 ng

RT: 17.32 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

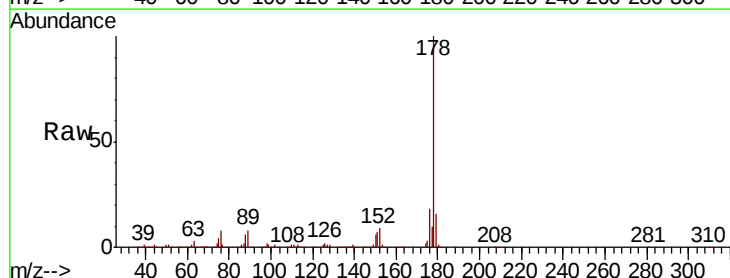
Tgt Ion:178 Resp: 4031711

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

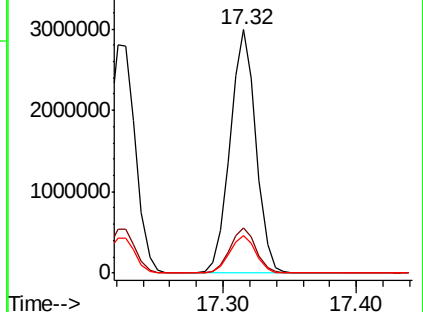
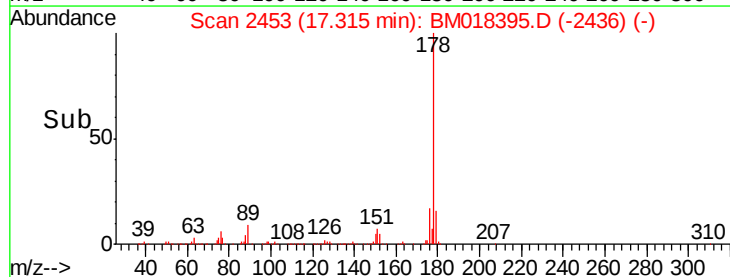
179 15.5 12.2 18.4

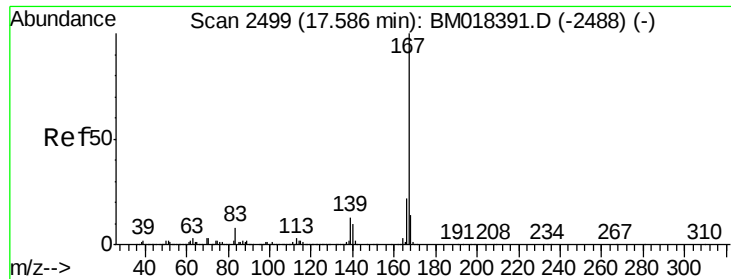


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

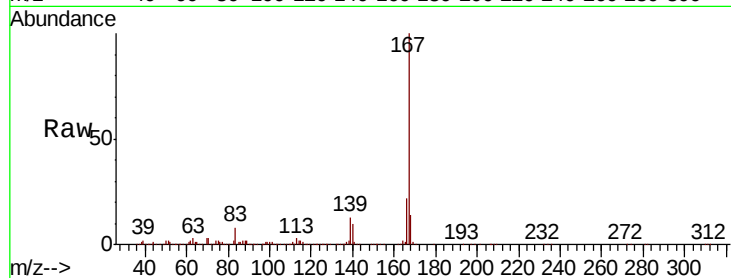




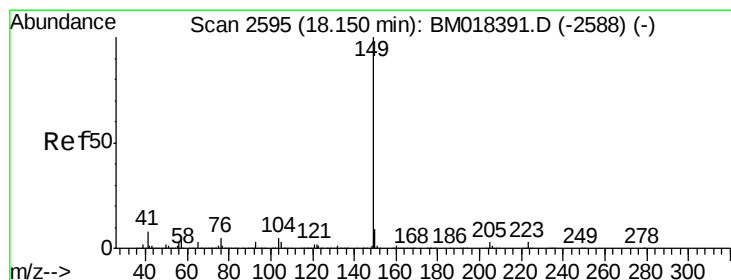
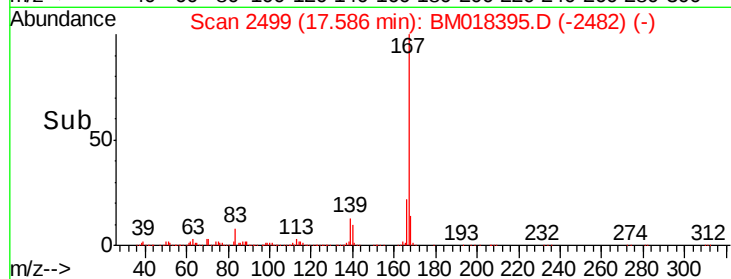
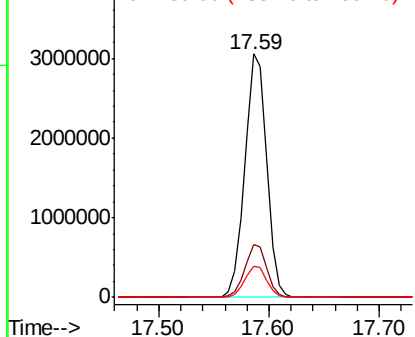
#73
 Carbazole
 Concen: 40.697 ng
 RT: 17.59 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 4256790
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 12.9 10.6 16.0

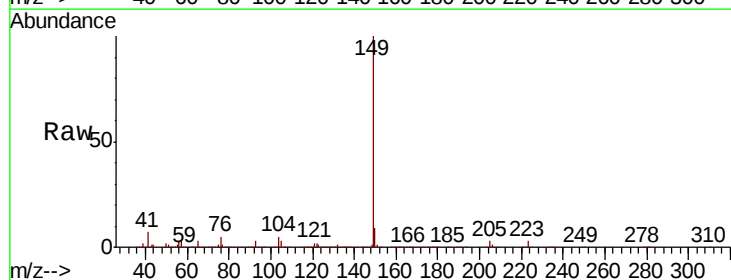


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

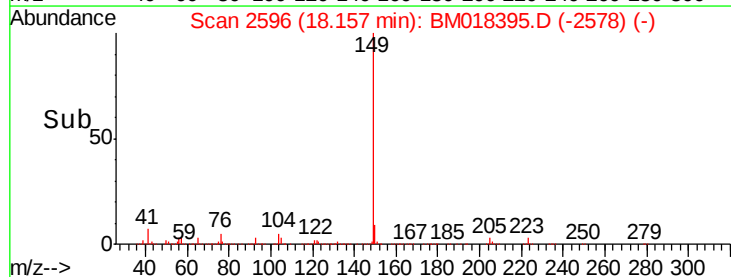
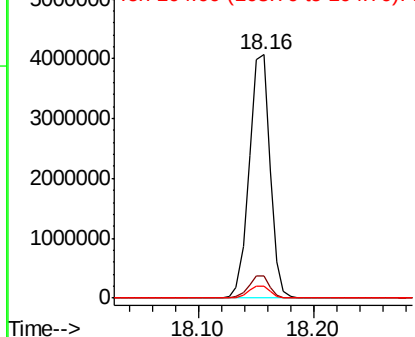


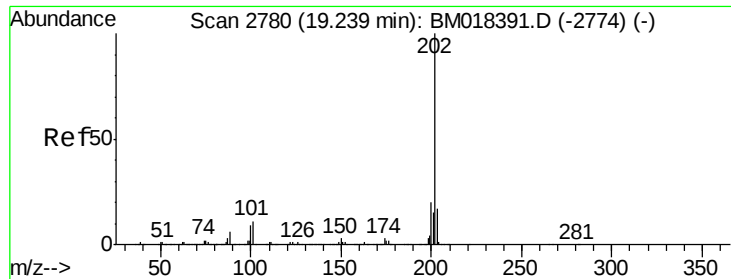
#74
 Di-n-butylphthalate
 Concen: 42.714 ng
 RT: 18.16 min Scan# 2596
 Delta R.T. 0.01 min
 Lab File: BM018395.D
 Acq: 27 Dec 2018 14:27

Tgt Ion:149 Resp: 5077855
 Ion Ratio Lower Upper
 149 100
 150 9.1 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: 40.843 ng

RT: 19.24 min Scan# 2781

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

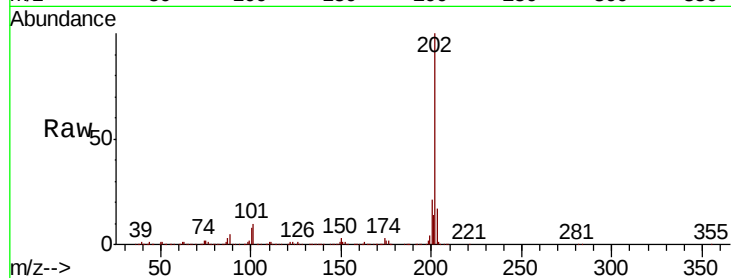
Tot Ion:202 Resp: 4835813

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.9

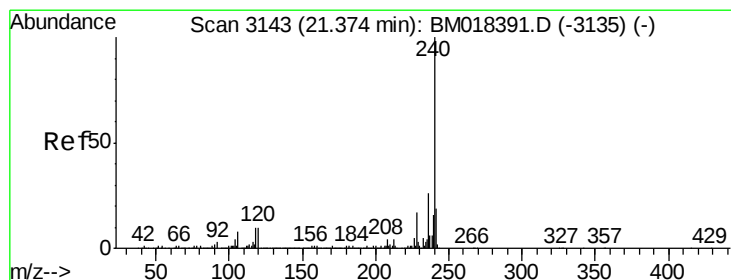
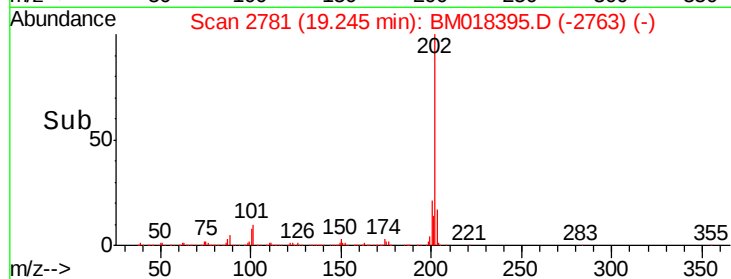
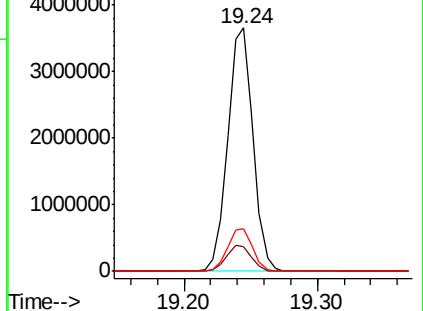
203 17.3 0.0 37.4



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: BM018395.D

Acq: 27 Dec 2018 14:27

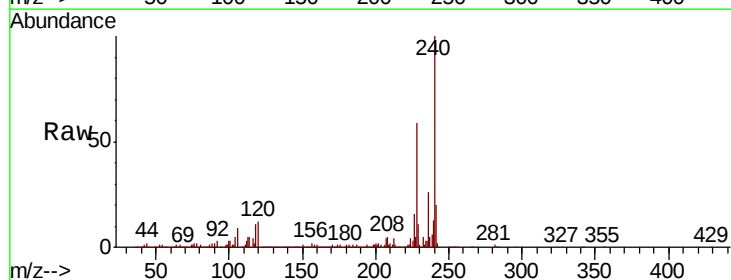
Tgt Ion:240 Resp: 2109480

Ion Ratio Lower Upper

240 100

120 12.0 8.4 12.6

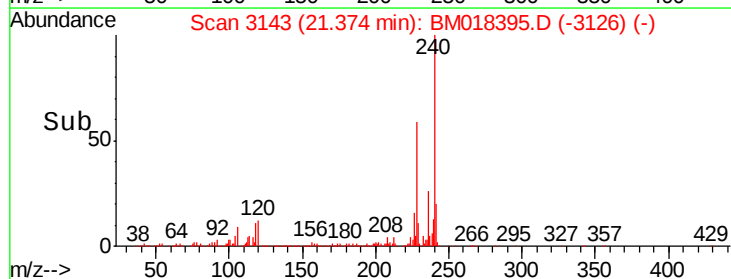
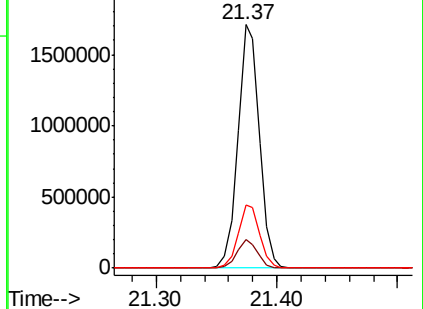
236 25.7 20.7 31.1

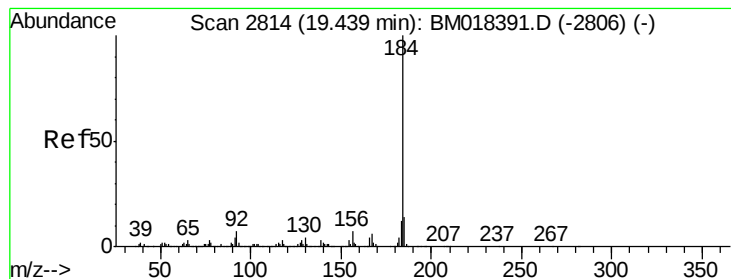


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.097 ng

RT: 19.44 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

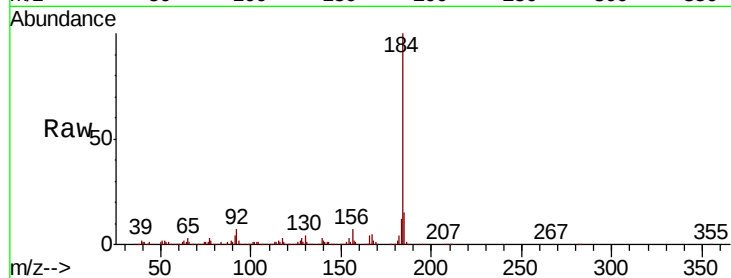
Tot Ion:184 Resp: 2538365

Ion Ratio Lower Upper

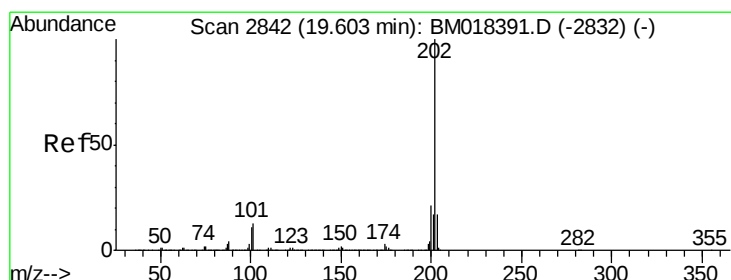
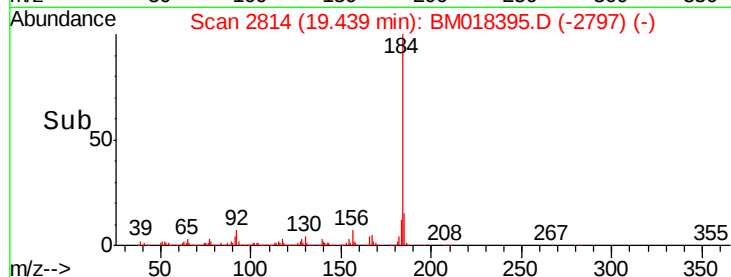
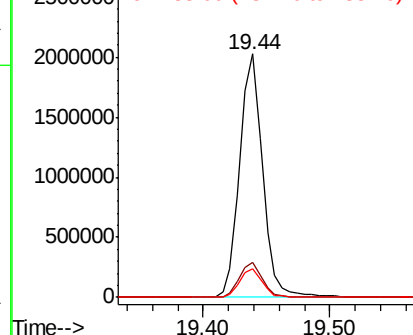
184 100

185 14.5 11.4 17.0

183 11.7 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: 41.259 ng

RT: 19.61 min Scan# 2843

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

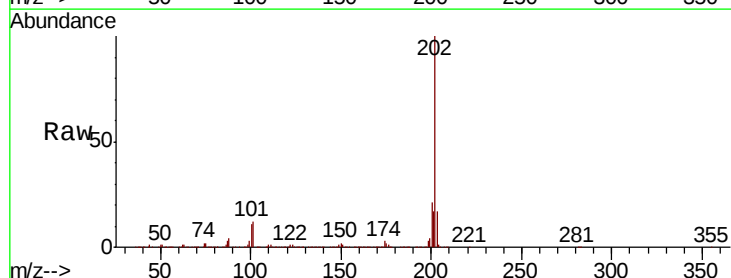
Tgt Ion:202 Resp: 5051900

Ion Ratio Lower Upper

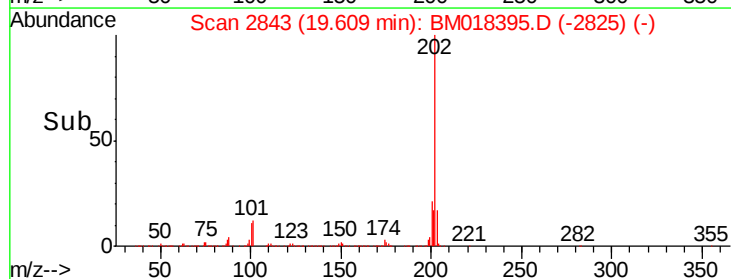
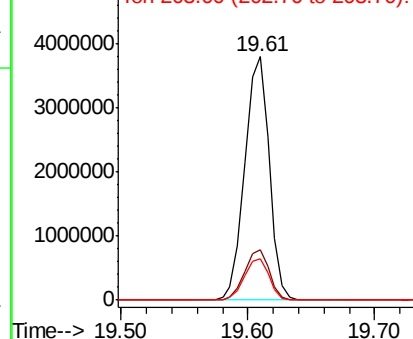
202 100

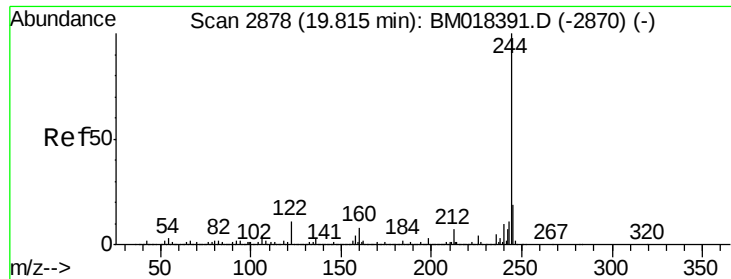
200 20.7 16.6 24.8

203 17.1 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: 84.052 ng

RT: 19.82 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

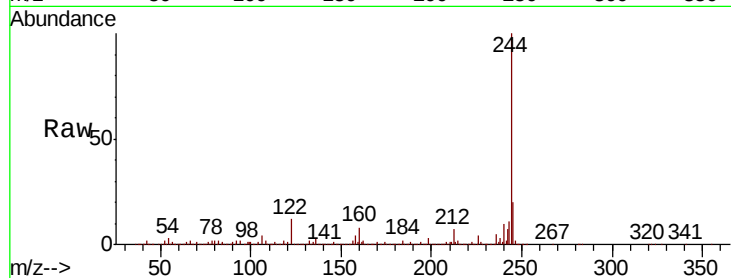
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 8320817

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.9	9.0	13.4

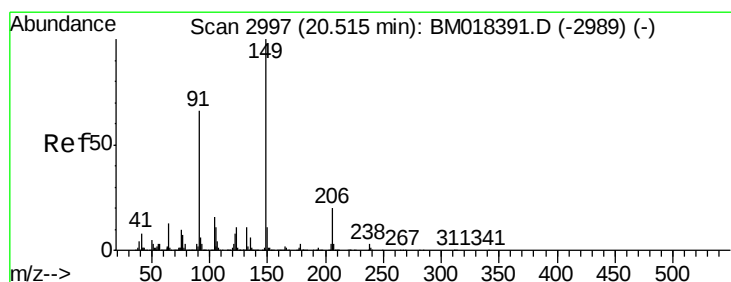
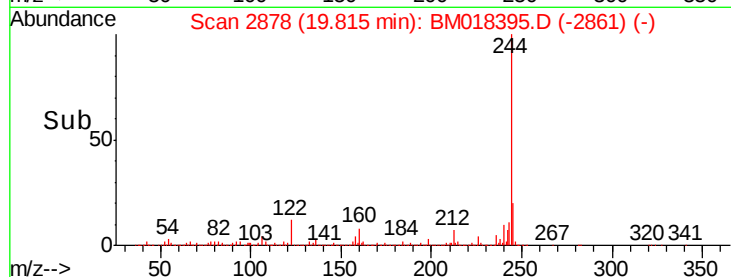
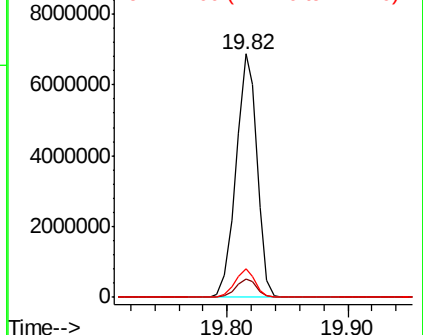


Abundance

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: 41.135 ng

RT: 20.52 min Scan# 2997

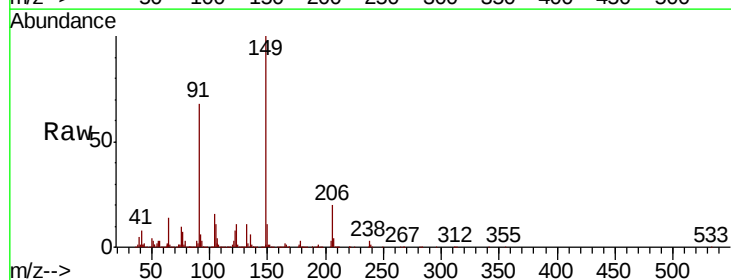
Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Tgt Ion:149 Resp: 2222916

Ion	Ratio	Lower	Upper
149	100		
91	68.0	53.1	79.7
206	19.7	16.2	24.4

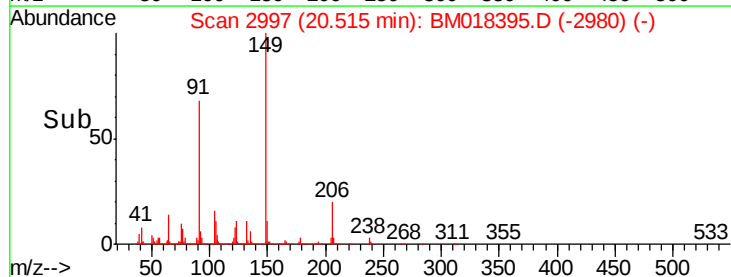
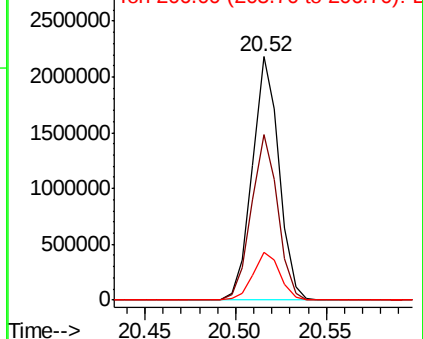


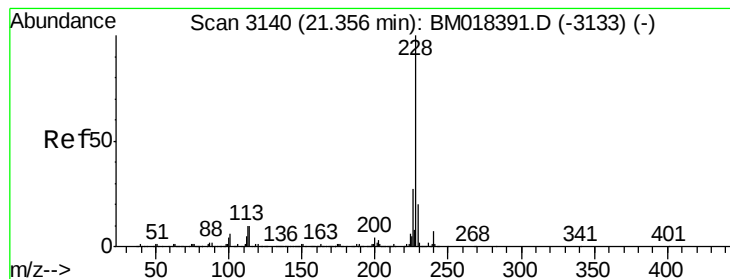
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.625 ng

RT: 21.36 min Scan# 3141

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

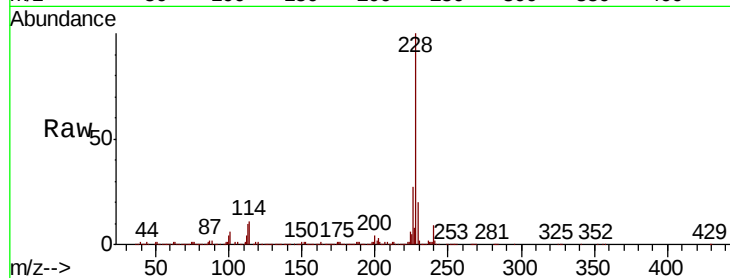
Tot Ion:228 Resp: 5033392

Ion Ratio Lower Upper

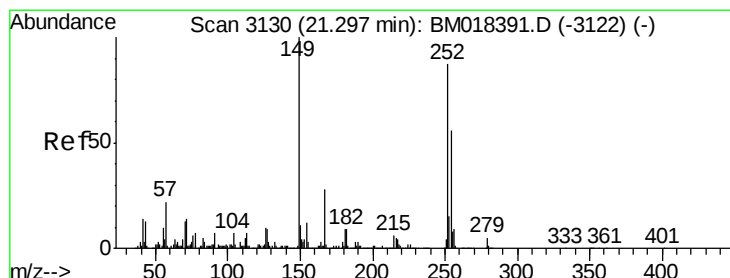
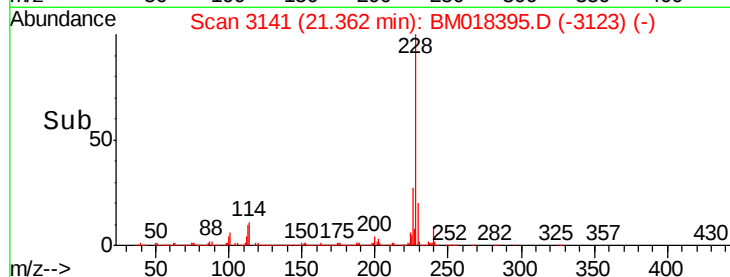
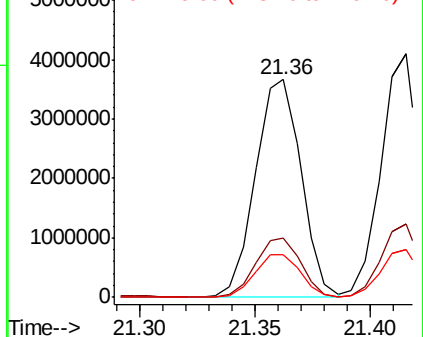
228 100

226 27.2 21.8 32.6

229 19.9 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: 43.804 ng

RT: 21.30 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

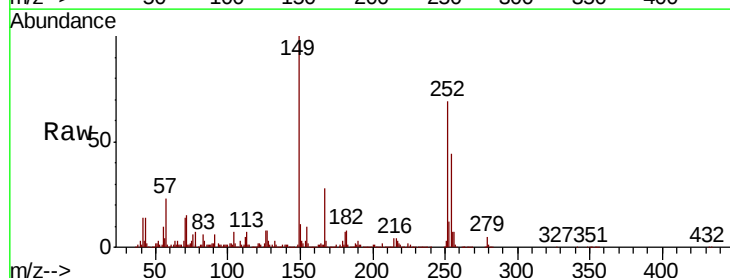
Tgt Ion:252 Resp: 2085090

Ion Ratio Lower Upper

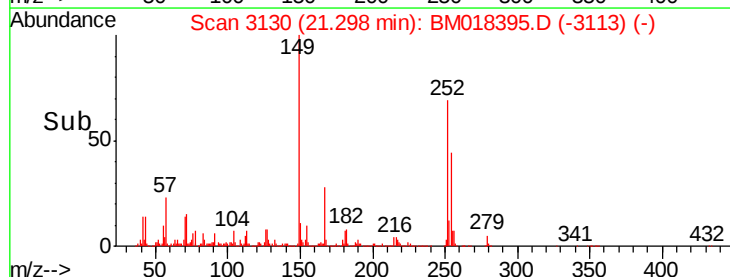
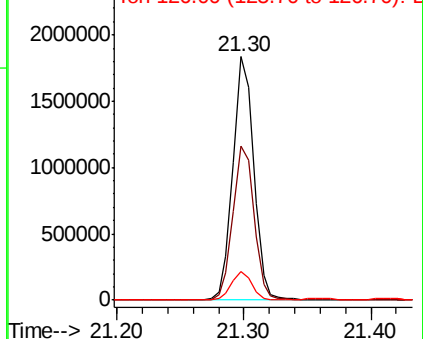
252 100

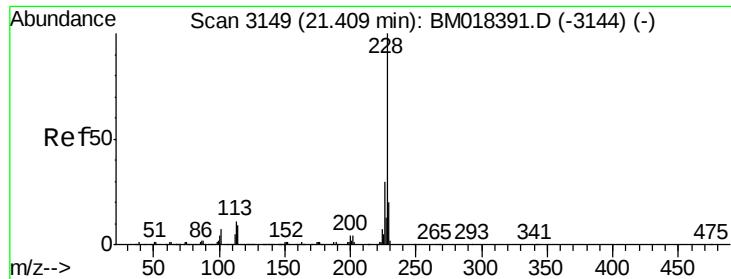
254 63.1 51.4 77.0

126 11.9 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

Chrvsene

Concen: 40.600 ng

RT: 21.42 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

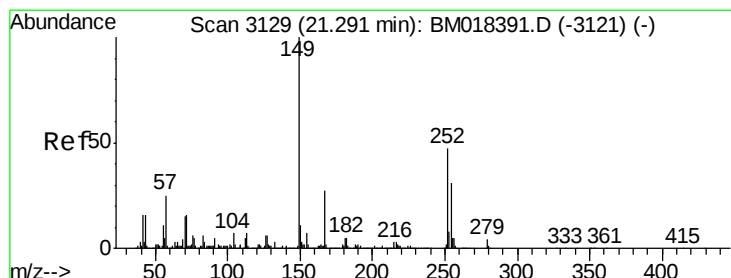
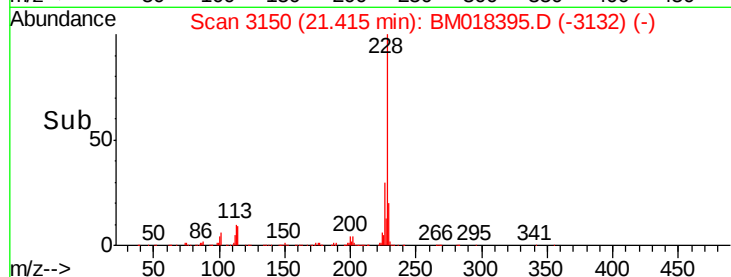
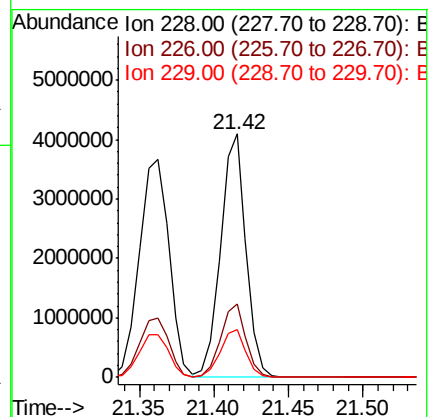
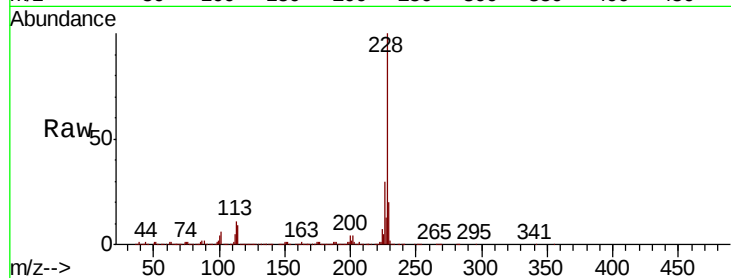
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 4853089

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.5	15.6	23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.223 ng

RT: 21.29 min Scan# 3129

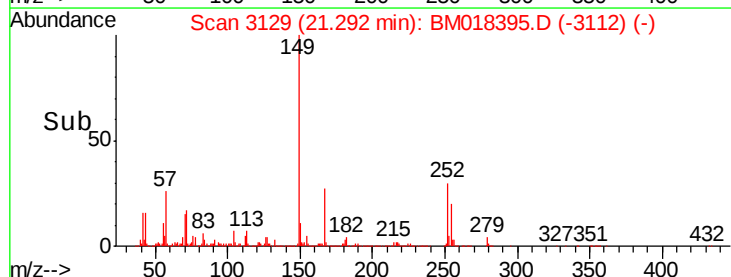
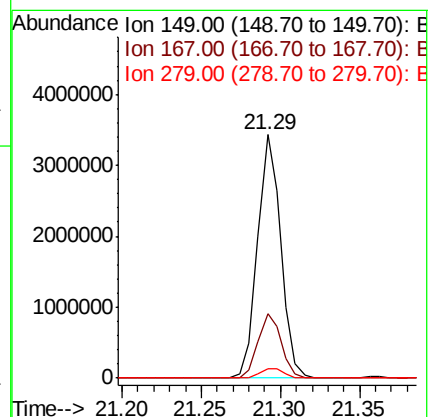
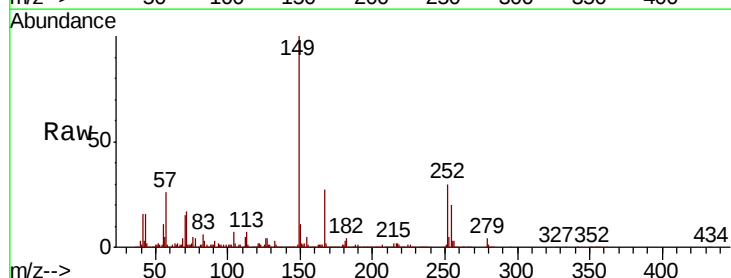
Delta R.T. 0.00 min

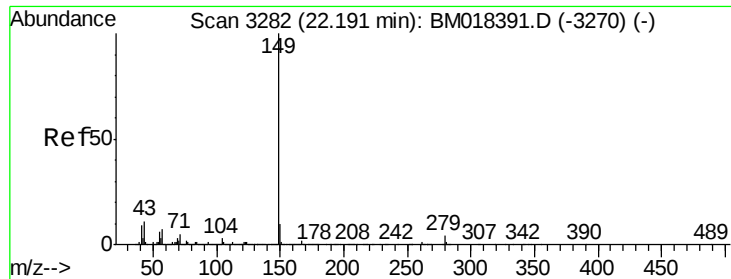
Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Tgt Ion:149 Resp: 3485221

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.6	32.4
279	3.9	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 42.721 ng

RT: 22.19 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

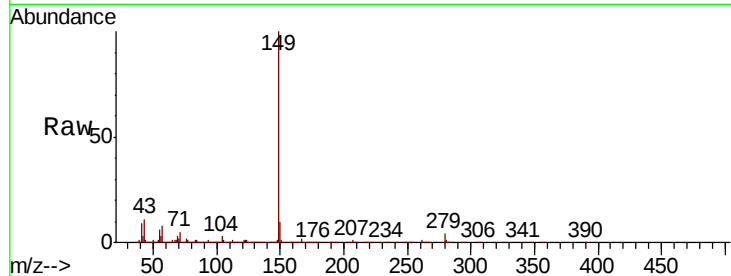
Tot Ion:149 Resp: 5828772

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

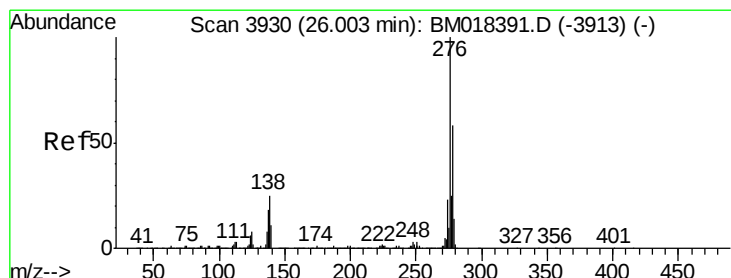
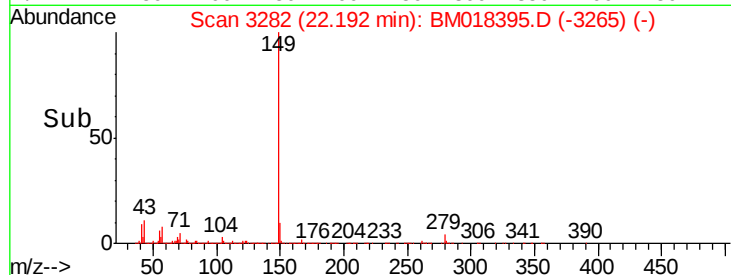
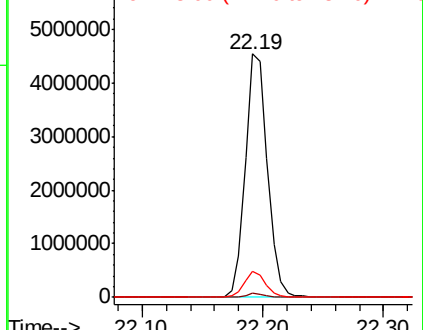
43 10.3 8.6 12.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.058 ng

RT: 26.01 min Scan# 3932

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

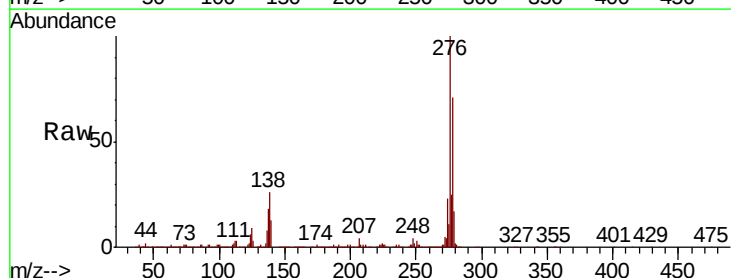
Tgt Ion:276 Resp: 6075055

Ion Ratio Lower Upper

276 100

138 26.6 21.5 32.3

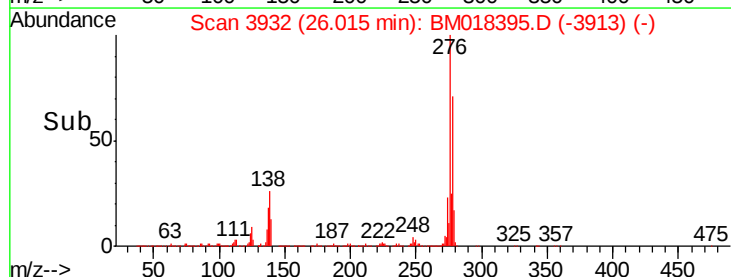
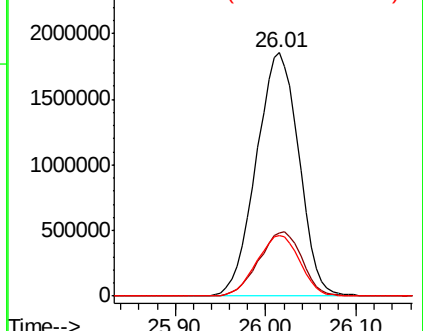
277 25.2 20.2 30.2

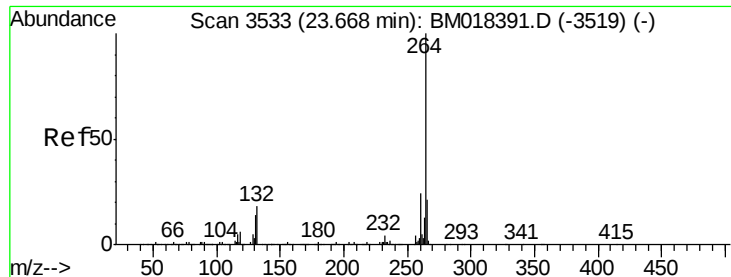


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Instrument :

BNA_M

ClientSampleId :

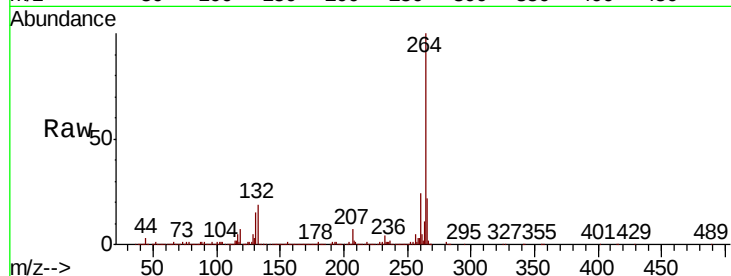
Tot Ion:264 Resp: 2248057

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.6 16.8 25.2

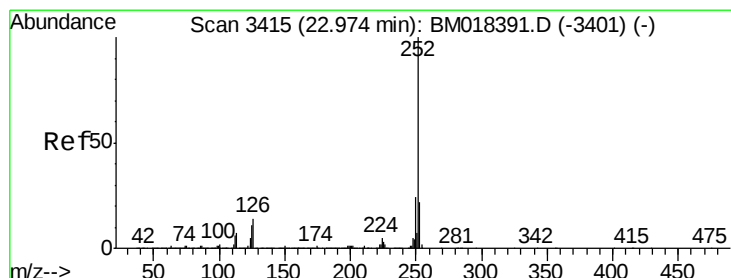
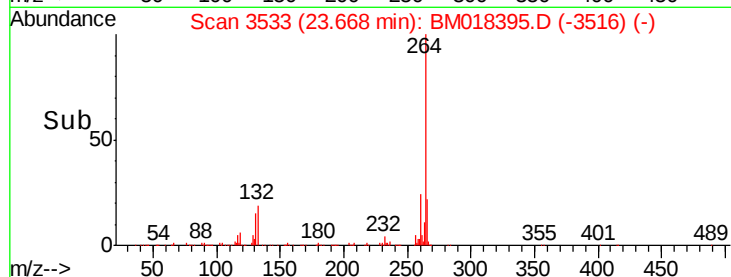
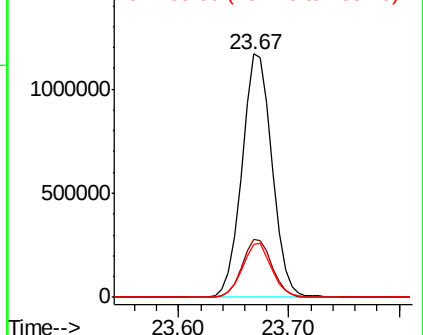


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.897 ng

RT: 22.98 min Scan# 3416

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

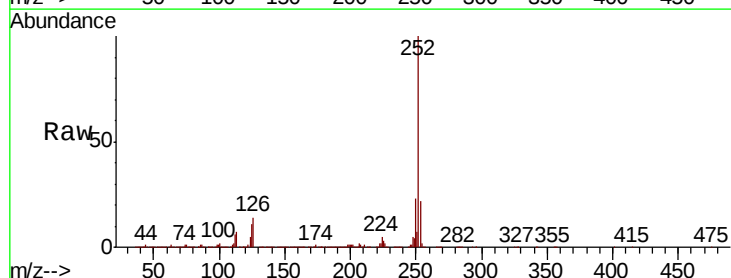
Tgt Ion:252 Resp: 5128094

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.7 8.5 12.7

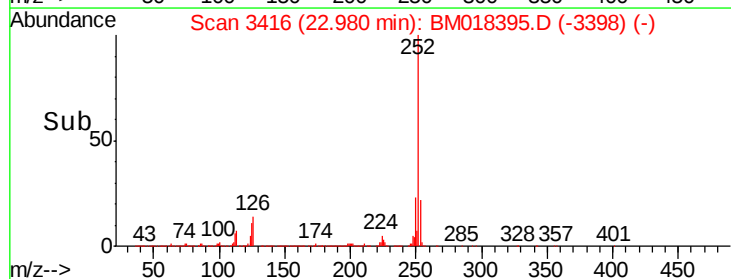
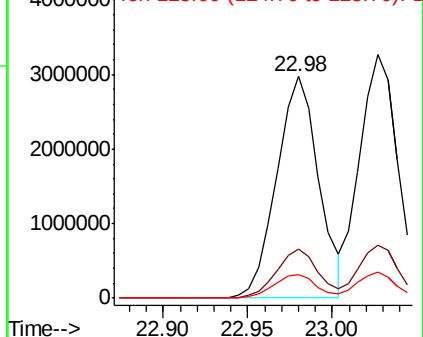


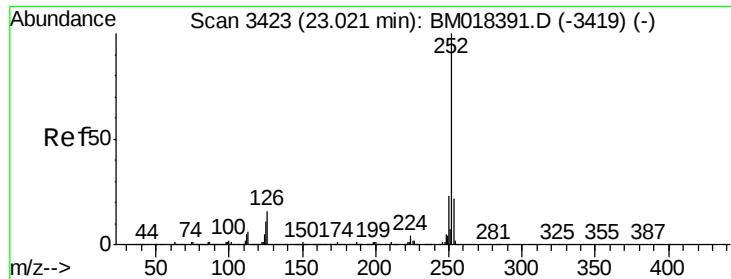
Abundance

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

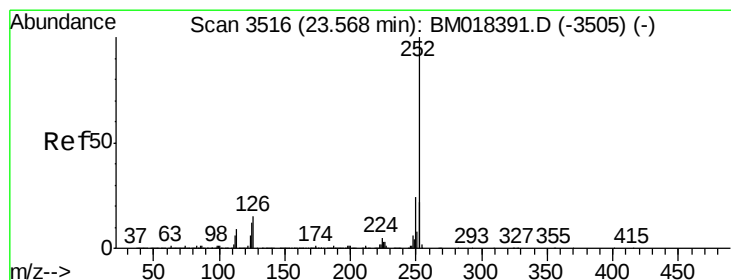
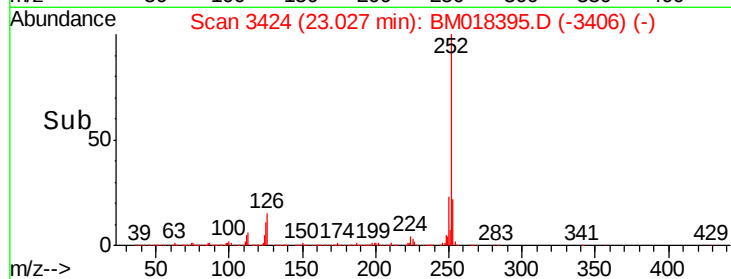
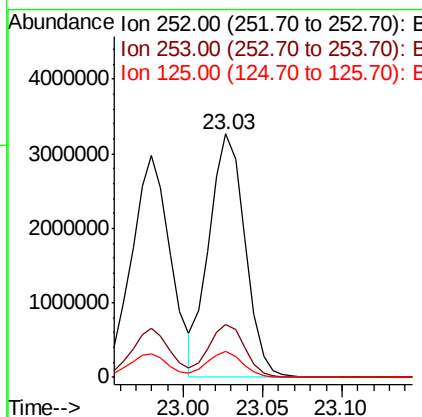
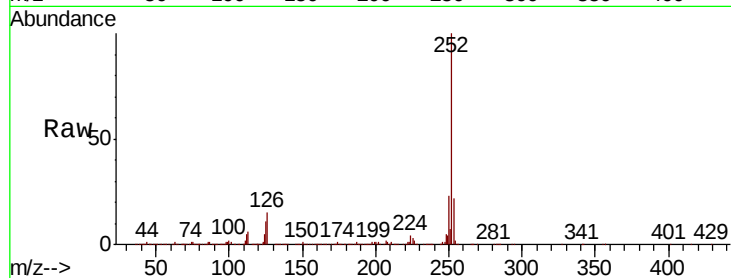




#89
Benzo(k)fluoranthene
Concen: 41.042 ng
RT: 23.03 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

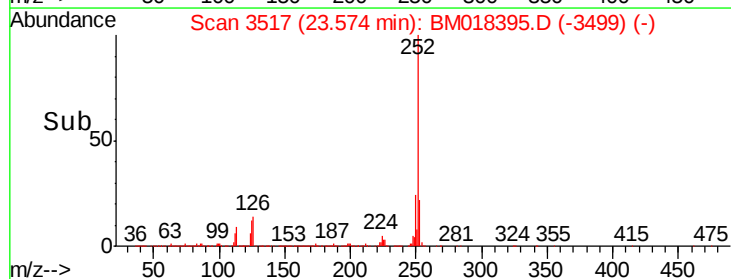
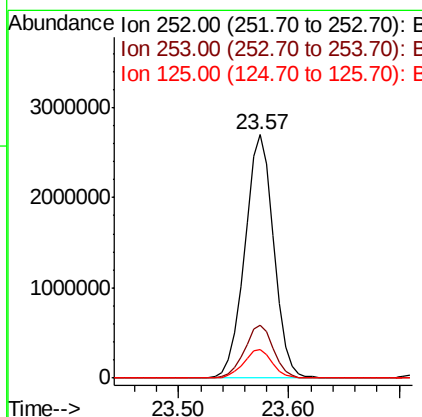
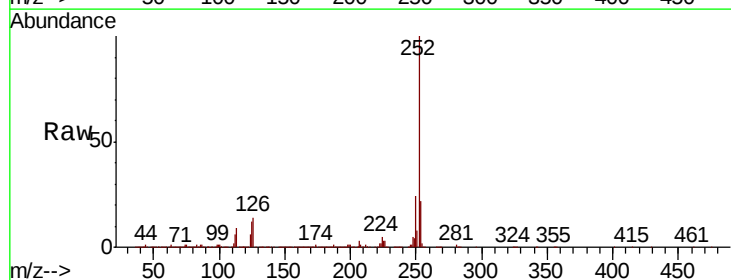
Instrument :
BNA_M
ClientSampleId :

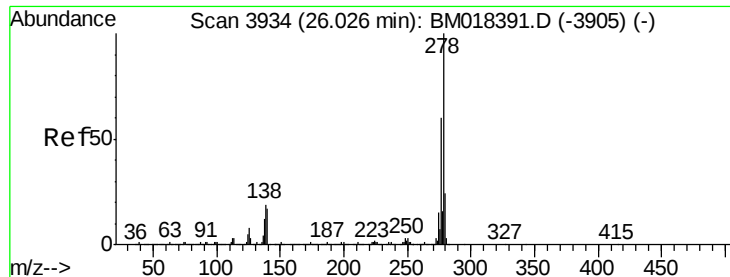
Tot Ion:252 Resp: 5147142
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.6 8.6 12.8



#90
Benzo(a)pyrene
Concen: 41.126 ng
RT: 23.57 min Scan# 3517
Delta R.T. 0.01 min
Lab File: BM018395.D
Acq: 27 Dec 2018 14:27

Tgt Ion:252 Resp: 4953759
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.9 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 41.031 ng

RT: 26.03 min Scan# 3935

Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

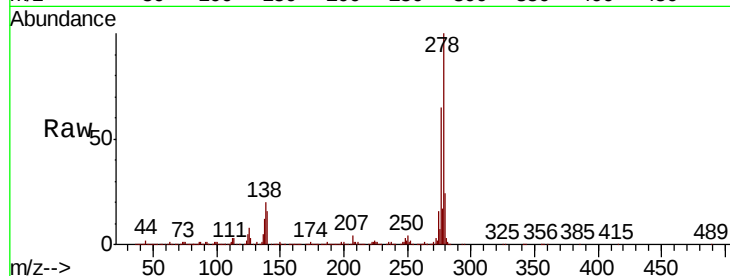
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 5146790

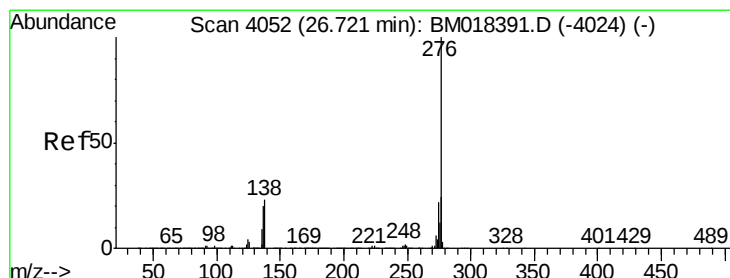
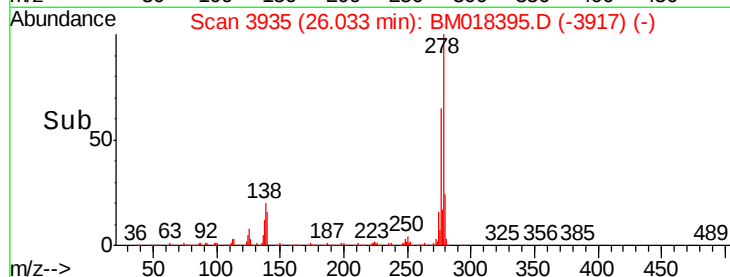
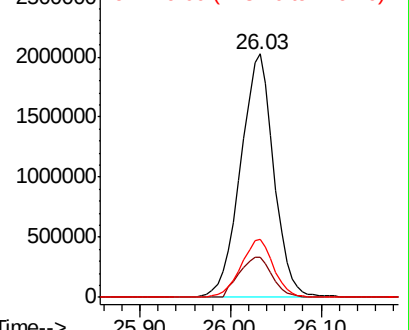
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.2	19.8
279	23.8	19.0	28.4



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: 40.997 ng

RT: 26.73 min Scan# 4054

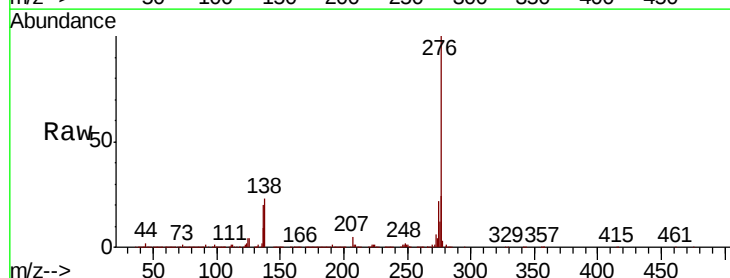
Delta R.T. 0.01 min

Lab File: BM018395.D

Acq: 27 Dec 2018 14:27

Tgt Ion:276 Resp: 4924012

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	22.9	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

