

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\  
 Data File : BM014792.D  
 Acq On : 24 Apr 2018 00:52  
 Operator : SJ/JU  
 Sample : J2431-14  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 24 02:18:31 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 24 02:13:13 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	409400	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1677096	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	946832	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1792070	20.00	ng/ul	0.02
75) Chrysene-d12	21.94	240	1929478	20.00	ng/ul	0.02
83) Perylene-d12	24.43	264	1994128	20.00	ng/ul	0.01

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	29975	3.20	ng/uL	0.00
5) Phenol-d5	7.65	99	581010	18.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	416274	20.51	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	473187	17.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	441720	17.50	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	241405	19.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	230734	19.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.98	165	418658	17.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.48	131	800289	33.05	ng/ul	-0.01
43) Dimethylphthalate-d6	14.52	166	1180507	15.97	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1447490	15.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	181797	13.25	ng/ul	0.00
57) Fluorene-d10	16.11	176	1038946	16.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.23	200	74781	7.71	ng/ul	0.03
70) Anthracene-d10	17.97	188	1491177	17.86	ng/ul	0.03
76) Pyrene-d10	20.19	212	1635270	17.91	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.27	264	1813004	18.51	ng/ul	0.00

## Target Compounds

					Ovalue	
4) Benzaldehyde	7.65	77	35821	2.152	ng/ul#	1
14) Acetophenone	9.34	105	1420733	38.414	ng/ul#	25
15) N-Nitroso-di-n-propylamine	9.28	70	140832	7.338	ng/ul#	57
17) Hexachloroethane	9.65	117	665336	62.385	ng/ul#	1
20) Nitrobenzene	9.73	77	65574	2.264	ng/ul#	21
21) Isophorone	10.28	82	110863	2.238	ng/ul#	1
24) 2,4-Dimethylphenol	10.55	107	79562	2.871	ng/ul#	1
25) Bis(2-Chloroethoxy)methane	10.82	93	56071	1.684	ng/ul	96
28) Naphthalene	11.35	128	96560	1.182	ng/ul#	1
30) 4-Chloroaniline	11.44	127	3370349	143.375	ng/ul#	21
40) 1,1'-Biphenyl	13.97	154	8296520	108.965	ng/ul#	96
44) Dimethylphthalate	14.57	163	261763	3.664	ng/ul#	98
47) Acenaphthylene	14.86	152	1432855	16.205	ng/ul#	91
49) Acenaphthene	15.26	153	170928	2.720	ng/ul#	30
53) Dibenzofuran	15.43	168	809932	9.282	ng/ul#	49
54) 2,4-Dinitrotoluene	15.52	165	65366	3.386	ng/ul#	1
58) Fluorene	16.26	166	99743	1.416	ng/ul#	1
60) 4-Nitroaniline	16.19	138	409455	27.219	ng/ul#	12
63) 4,6-Dinitro-2-methylphenol	16.21	198	23526	2.335	ng/ul#	74
64) N-Nitrosodiphenylamine	16.36	169	170048	3.272	ng/ul#	1
68) Pentachlorophenol	17.52	266	13247	1.059	ng/ul	95
69) Phenanthrene	18.04	178	533694	5.545	ng/ul#	1
71) Anthracene	18.04	178	582944	5.968	ng/ul#	1

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 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

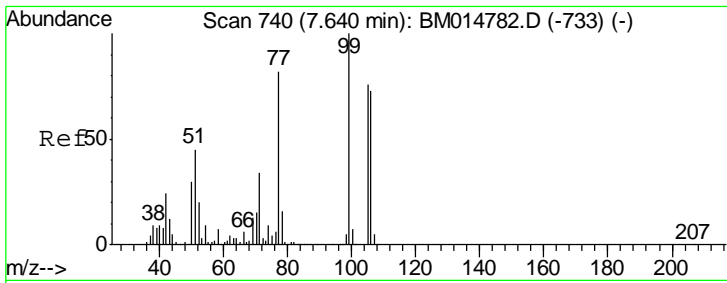
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 24 02:18:31 2018  
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	18.24	167	3843191	46.124	ng/ul	98
73) Di-n-butylphthalate	18.76	149	305904	3.019	ng/ul#	1
74) Fluoranthene	19.95	202	220826	2.105	ng/ul#	43
77) Pyrene	20.12	202	200968	1.783	ng/ul#	71
78) Butylbenzylphthalate	21.04	149	215902	4.694	ng/ul	92
80) Benzo(a)anthracene	21.98	228	17248287	152.867	ng/ul#	70
81) Bis(2-ethylhexyl)phthalate	21.80	149	9961840	147.561	ng/ul	96
82) Chrysene	21.98	228	17248287	163.293	ng/ul#	74
84) Di-n-octyl phthalate	22.76	149	675433	5.889	ng/ul#	87
85) Benzo(b)fluoranthene	23.68	252	18059681	153.631	ng/ul#	93
86) Benzo(k)fluoranthene	23.68	252	18059681	159.765	ng/ul#	91
88) Benzo(a)pyrene	24.33	252	11727650	105.173	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.01	276	4347350	32.227	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.01	278	1245915	10.969	ng/ul#	90
91) Benzo(a,h,i)perylene	27.81	276	3460467	31.182	ng/ul#	89

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

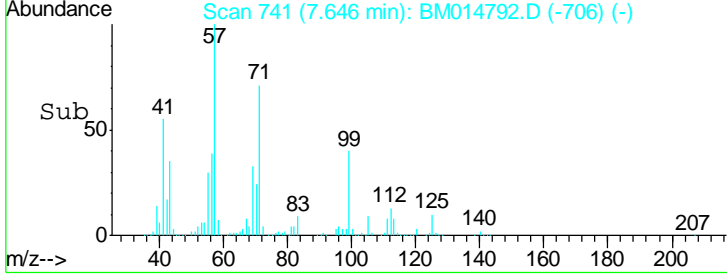
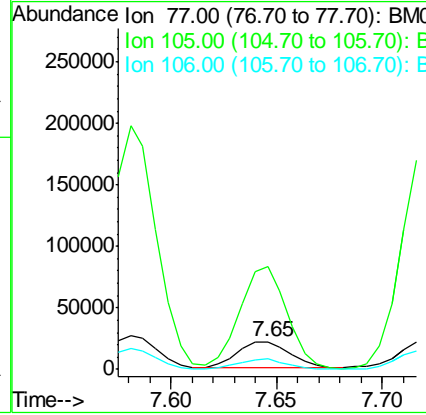
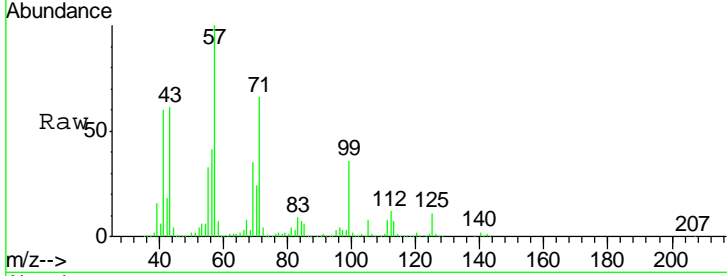




#4  
Benzaldehyde  
Concen: 2.152 ng/ul  
RT: 7.65 min Scan# 741  
Delta R.T. 0.01 min  
Lab File: BM014792.D  
Acq: 24 Apr 2018 00:52

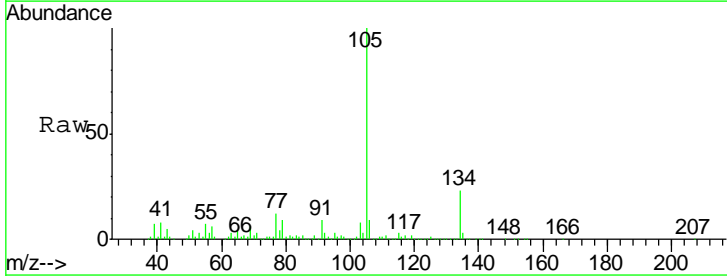
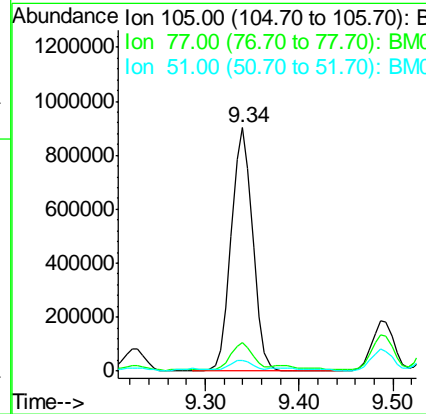
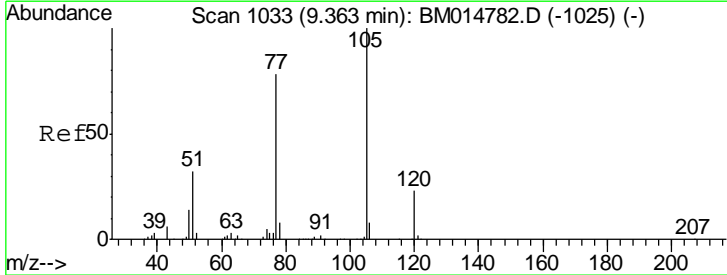
Instrument :  
BNA\_M  
ClientSampled :

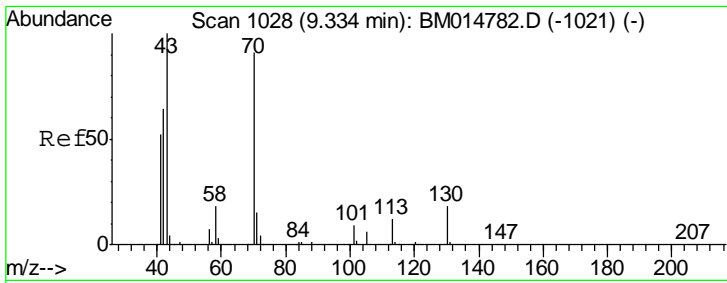
Tgt Ion	Resp	Lower	Upper
77	100		
105	369.9	66.1	99.1#
106	36.5	67.8	101.6#



#14  
Acetophenone  
Concen: 38.414 ng/ul  
RT: 9.34 min Scan# 1029  
Delta R.T. -0.02 min  
Lab File: BM014792.D  
Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
105	100		
77	11.8	74.2	111.4#
51	4.5	23.4	35.2#

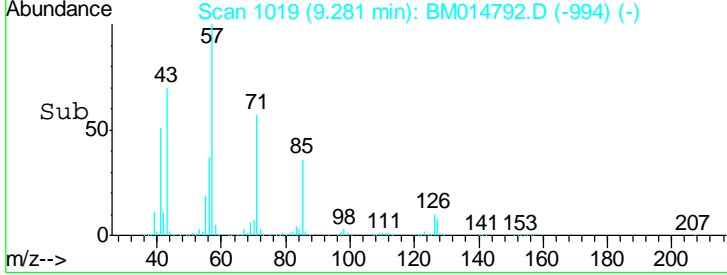
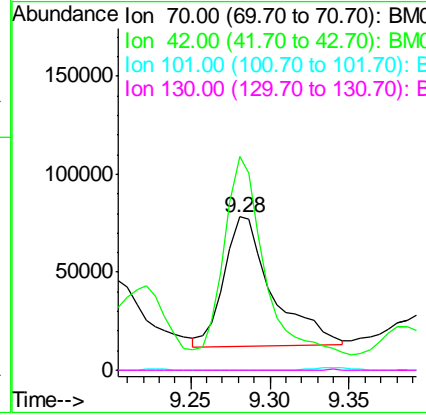
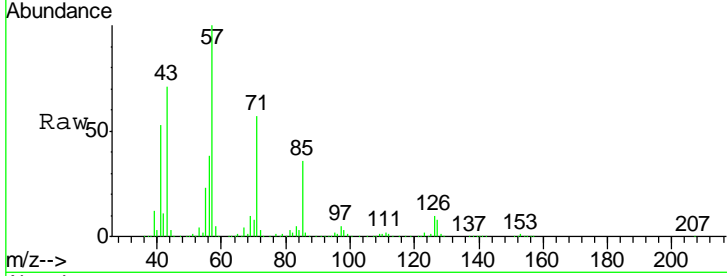




#15  
 N-Nitroso-di-n-propylamine  
 Concen: 7.338 ng/ul  
 RT: 9.28 min Scan# 1019  
 Delta R.T. -0.05 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

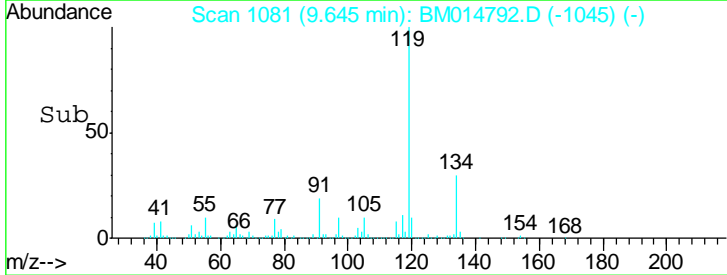
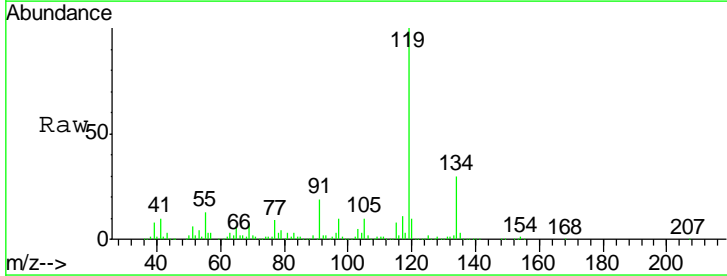
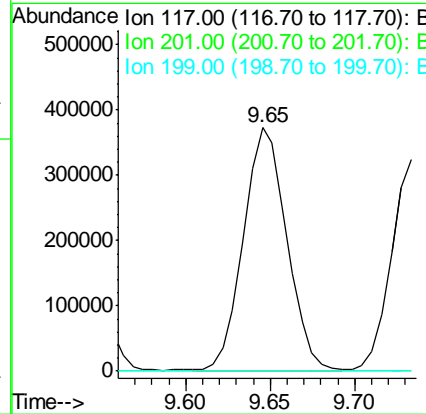
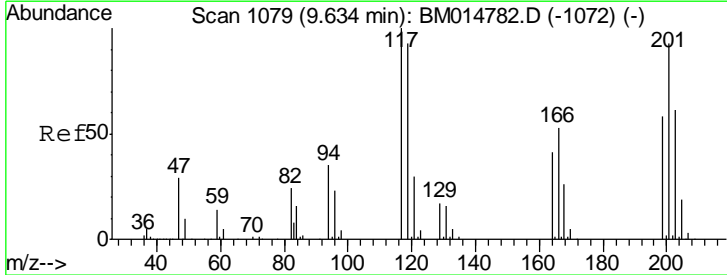
Instrument :  
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 ClientSampled :

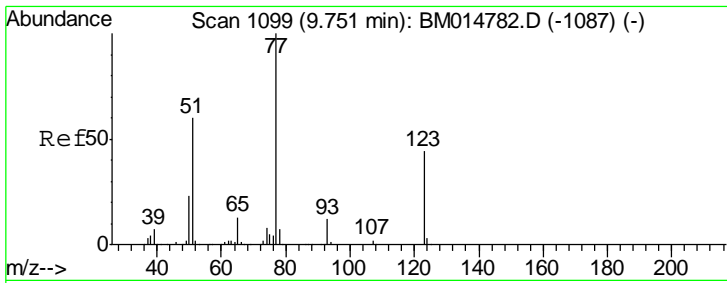
Tgt Ion	Resp	Lower	Upper
70	140832		
42	139.3	76.0	114.0#
101	0.0	6.7	10.1#
130	0.0	14.6	22.0#



#17  
 Hexachloroethane  
 Concen: 62.385 ng/ul  
 RT: 9.65 min Scan# 1081  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
117	665336		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#

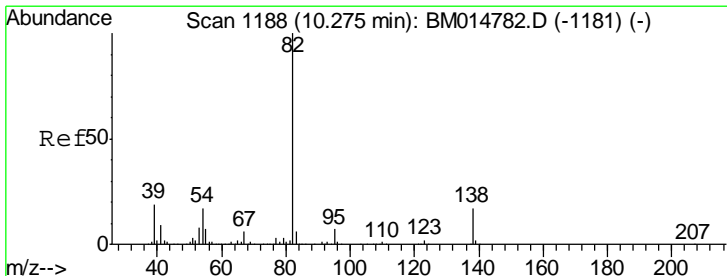
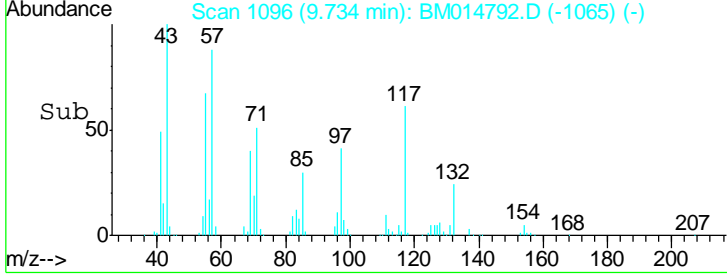
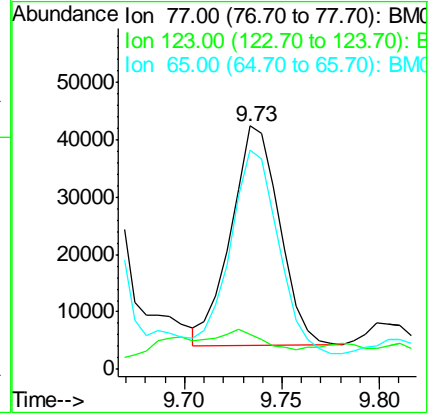
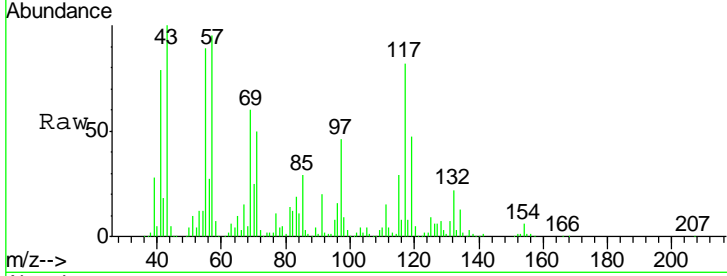




#20  
 Nitrobenzene  
 Concen: 2.264 ng/ul  
 RT: 9.73 min Scan# 1096  
 Delta R.T. -0.02 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

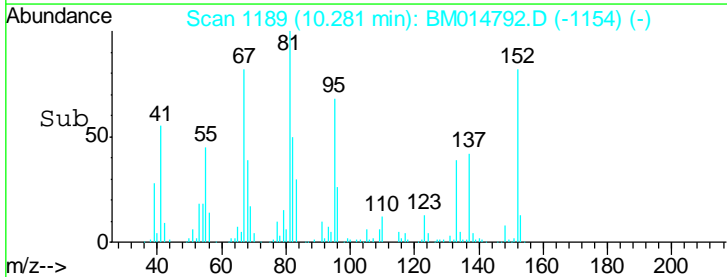
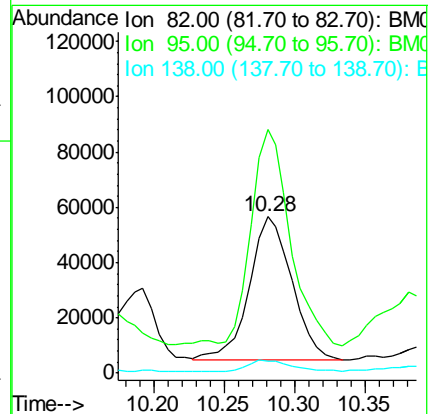
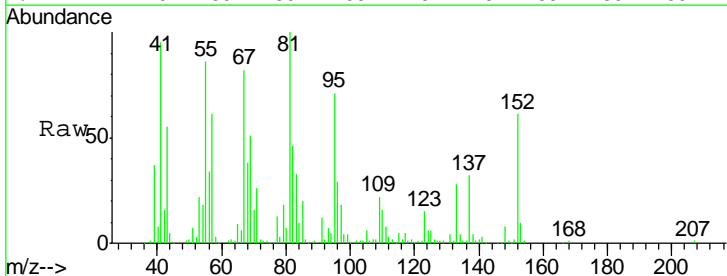
Instrument :  
 BNA\_M  
 ClientSampled :

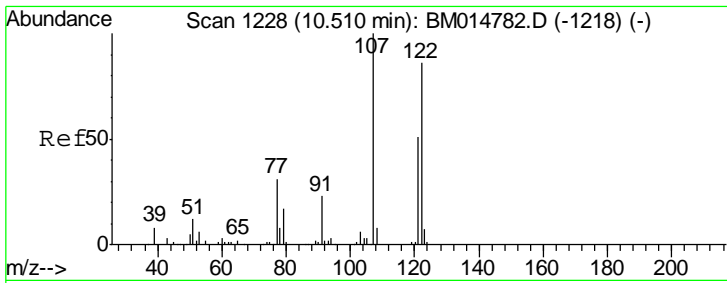
Tgt Ion	Resp	Lower	Upper
77	100		
123	14.2	31.0	46.6#
65	89.9	12.2	18.2#



#21  
 Isophorone  
 Concen: 2.238 ng/ul  
 RT: 10.28 min Scan# 1189  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
82	100		
95	155.7	7.8	11.8#
138	8.0	11.9	17.9#

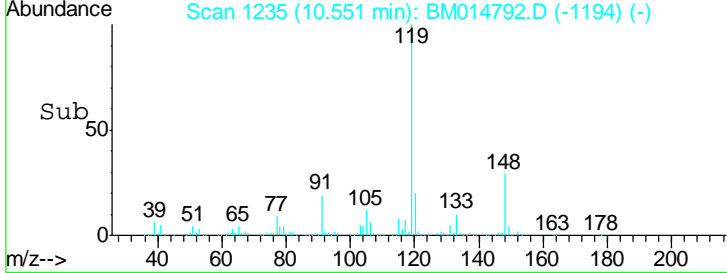
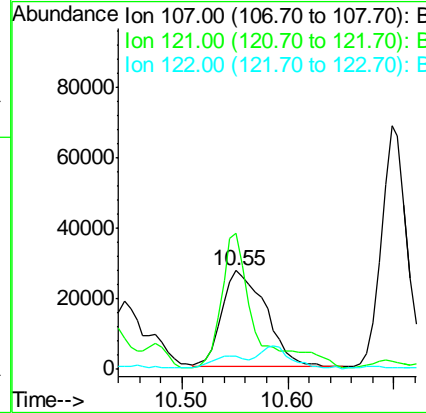
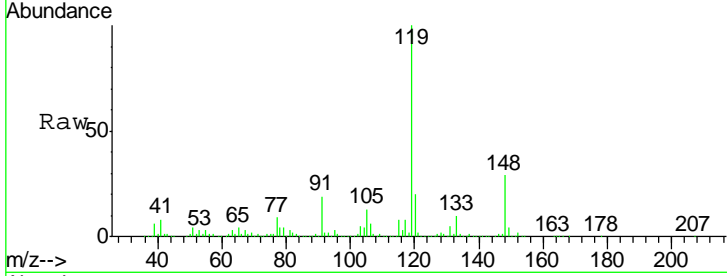




#24  
 2,4-Dimethylphenol  
 Concen: 2.871 ng/ul  
 RT: 10.55 min Scan# 1235  
 Delta R.T. 0.04 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

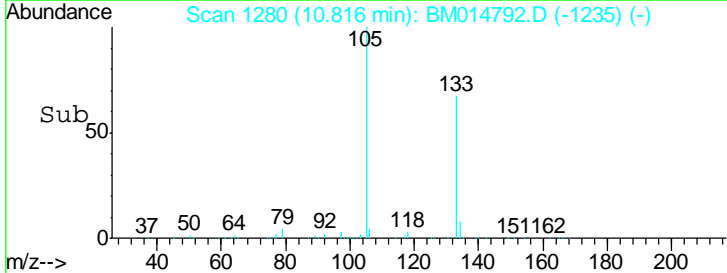
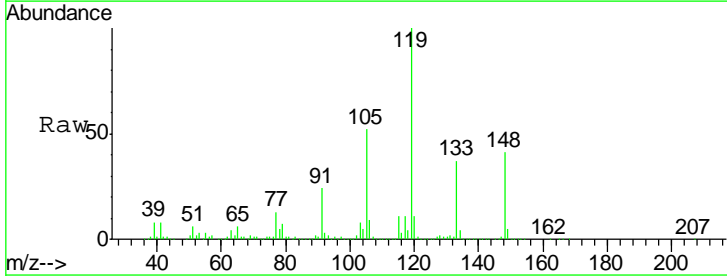
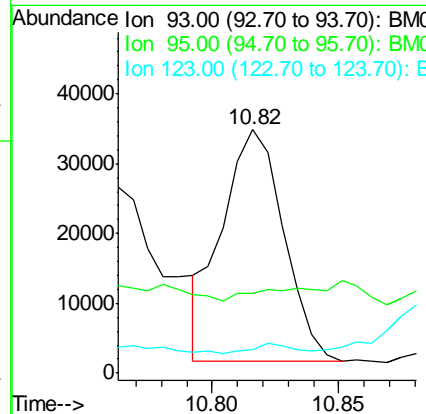
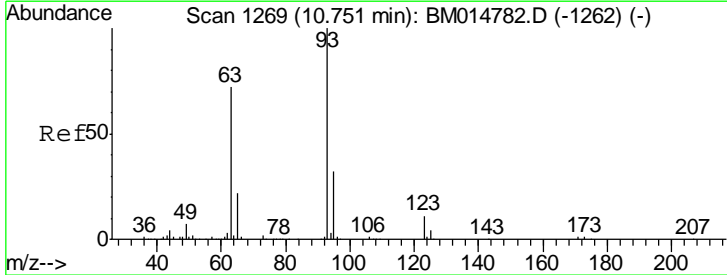
Instrument :  
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 ClientSampled :

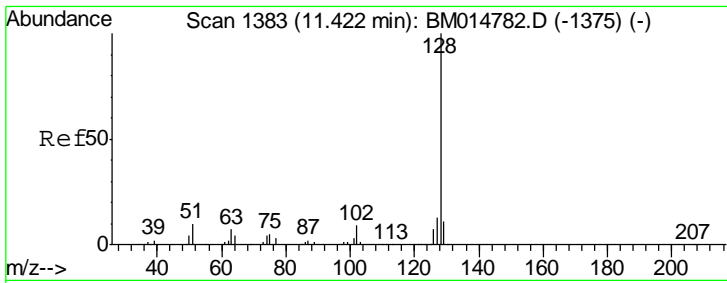
Tgt Ion	Resp	Lower	Upper
107	100		
121	137.8	31.9	47.9#
122	13.9	57.8	86.6#



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 1.684 ng/ul  
 RT: 10.82 min Scan# 1280  
 Delta R.T. 0.06 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
93	100		
95	33.0	28.5	42.7
123	9.7	8.9	13.3

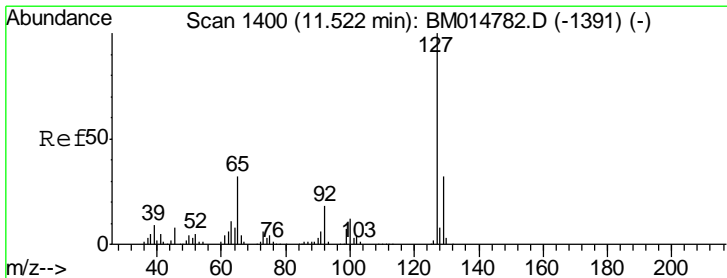
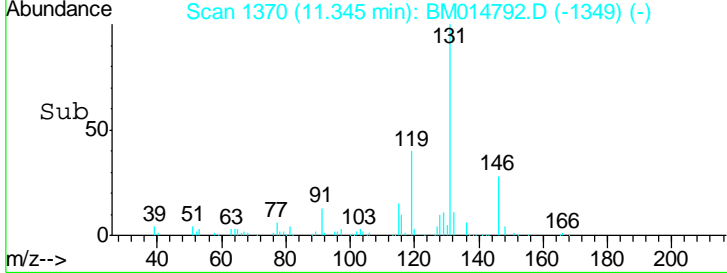
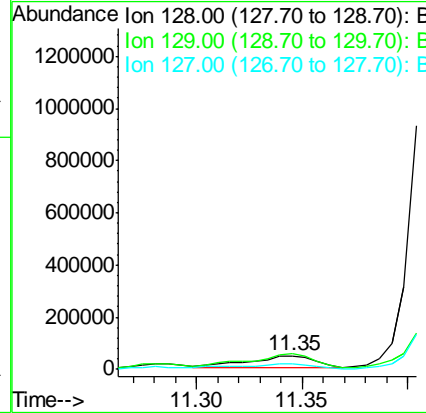
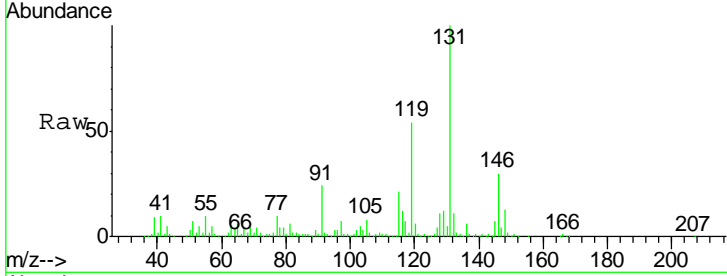




#28  
 Naphthalene  
 Concen: 1.182 ng/ul  
 RT: 11.35 min Scan# 1370  
 Delta R.T. -0.08 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

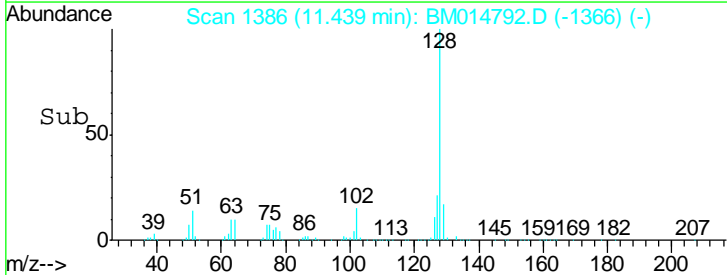
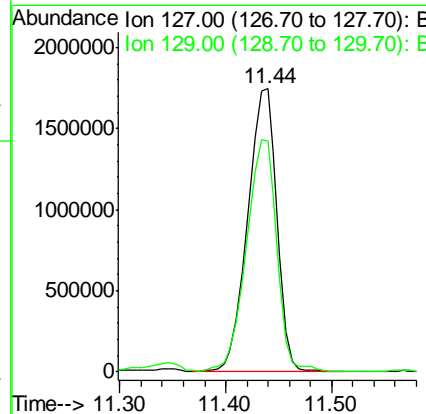
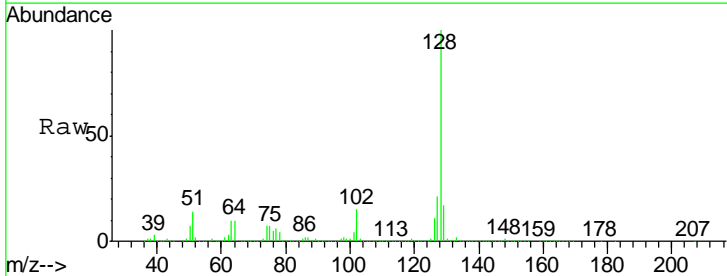
Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
128	100		
129	111.1	8.8	13.2#
127	38.2	10.6	16.0#

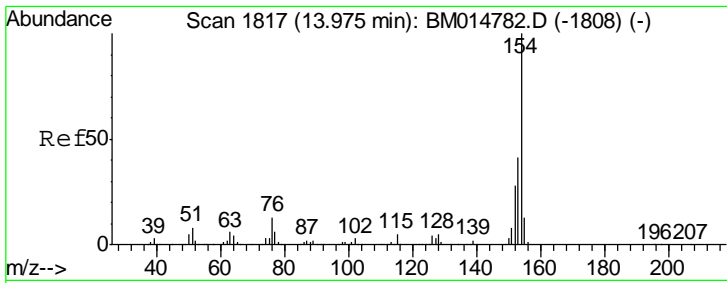


#30  
 4-Chloroaniline  
 Concen: 143.375 ng/ul  
 RT: 11.44 min Scan# 1386  
 Delta R.T. -0.08 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
127	100		
129	81.6	28.4	42.6#



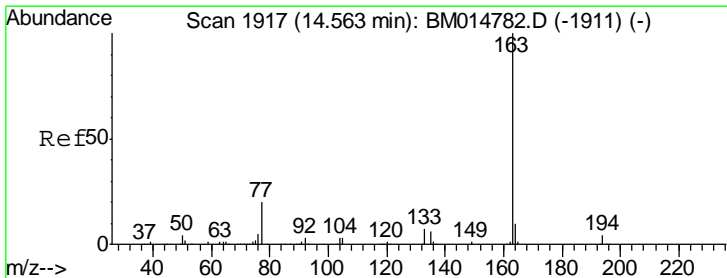
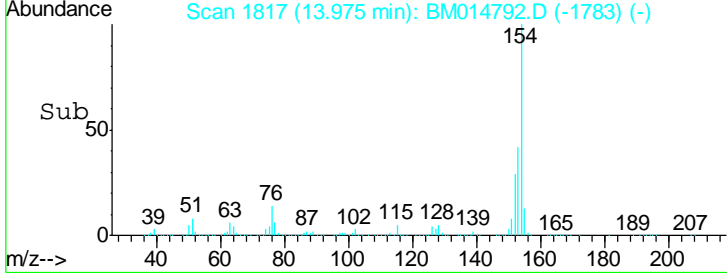
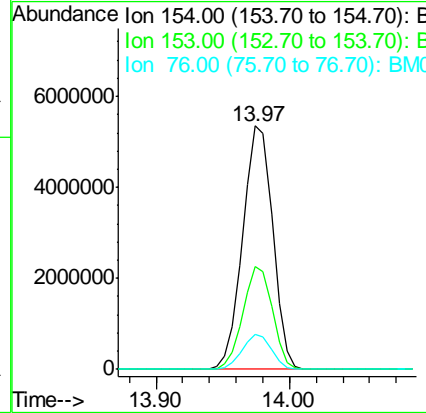
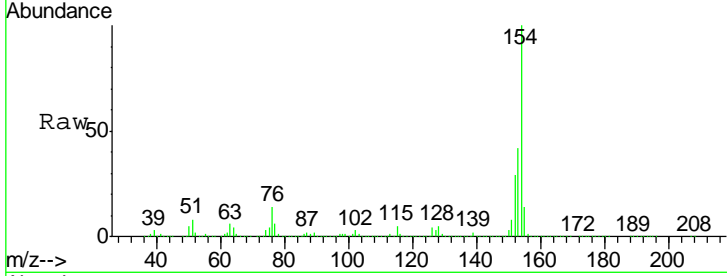




#40  
 1,1'-Biphenyl  
 Concen: 108.965 ng/ul  
 RT: 13.97 min Scan# 1817  
 Delta R.T. 0.00 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

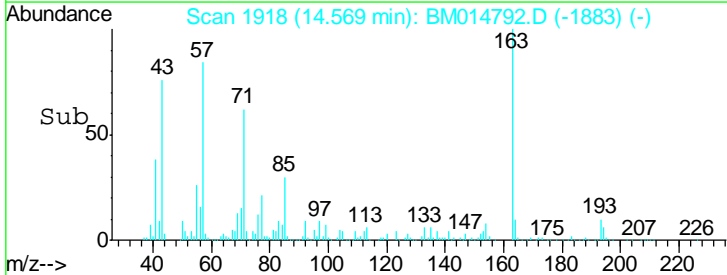
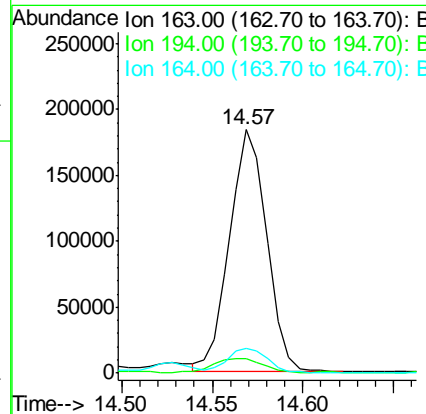
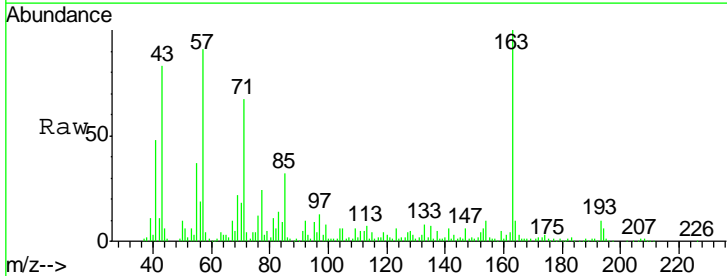
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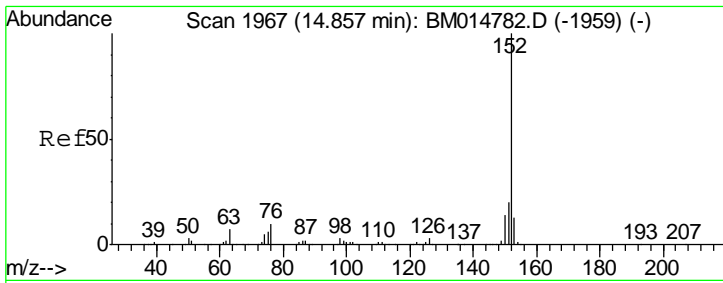
Tgt Ion	Resp	Lower	Upper
154	100		
153	42.1	32.6	48.8
76	14.3	8.5	12.7#



#44  
 Dimethylphthalate  
 Concen: 3.664 ng/ul  
 RT: 14.57 min Scan# 1918  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
163	100		
194	6.0	3.5	5.3#
164	10.2	8.2	12.4

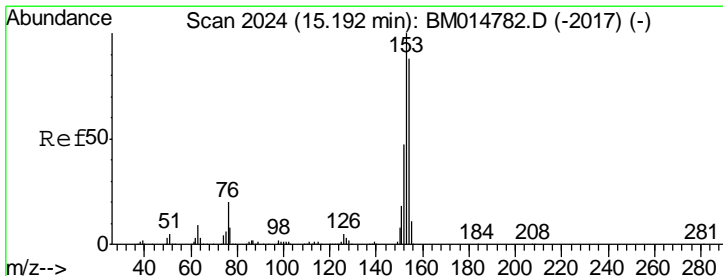
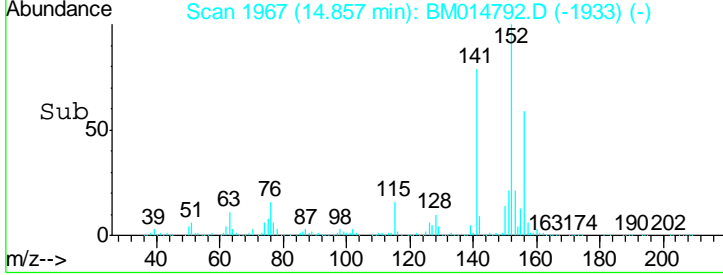
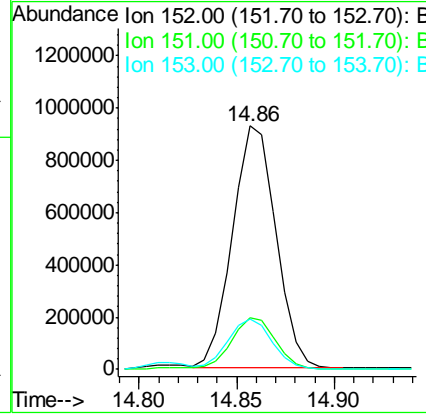
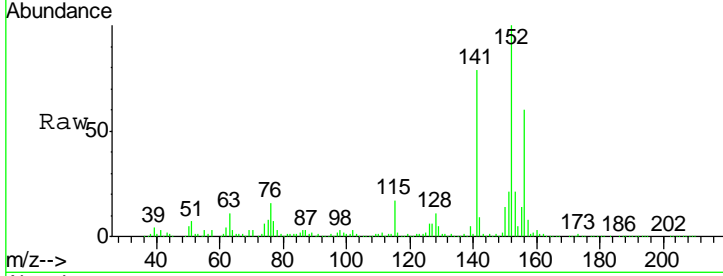




#47  
 Acenaphthylene  
 Concen: 16.205 ng/ul  
 RT: 14.86 min Scan# 1967  
 Delta R.T. 0.00 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

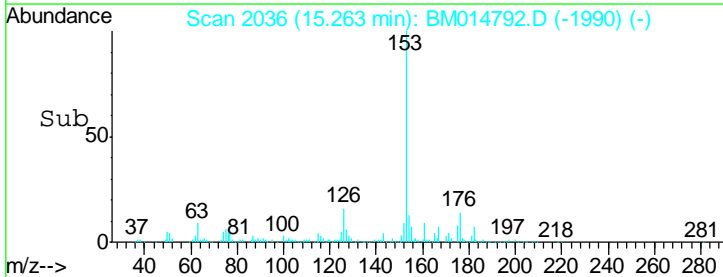
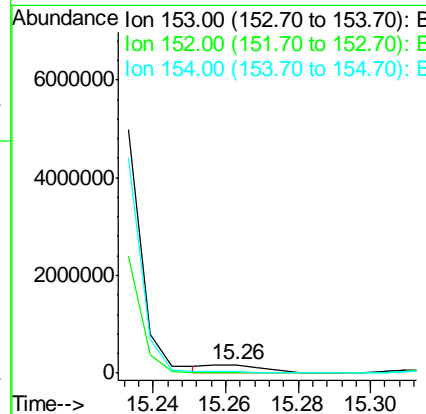
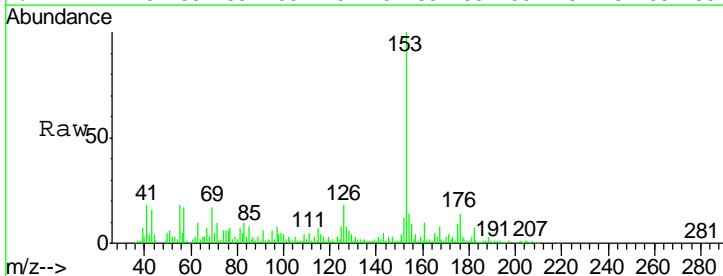
Instrument :  
 BNA\_M  
 ClientSampled :

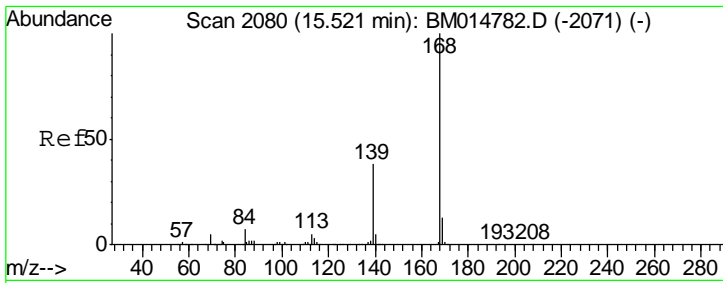
Tgt Ion	Resp	Lower	Upper
152	1432855		
151	21.4	16.3	24.5
153	20.8	10.2	15.4



#49  
 Acenaphthene  
 Concen: 2.720 ng/ul  
 RT: 15.26 min Scan# 2036  
 Delta R.T. 0.07 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
153	170928		
152	11.5	37.6	56.4
154	14.4	70.4	105.6

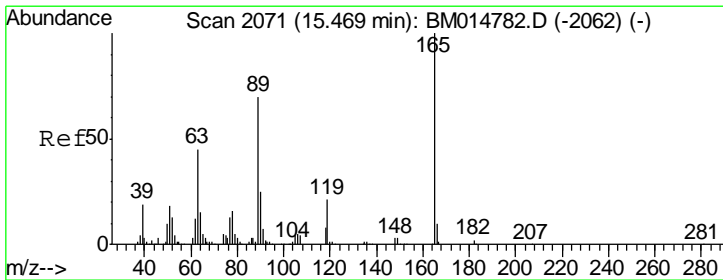
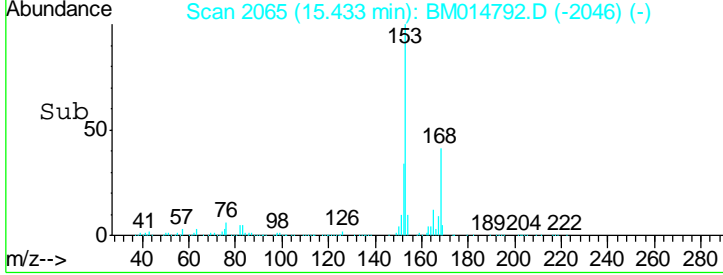
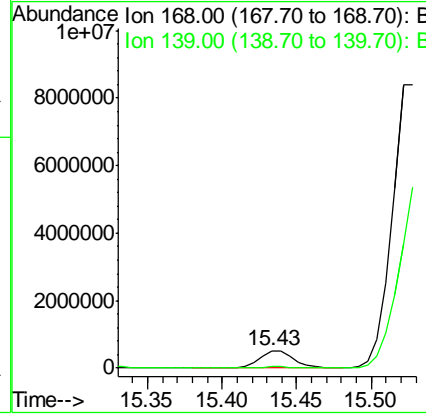
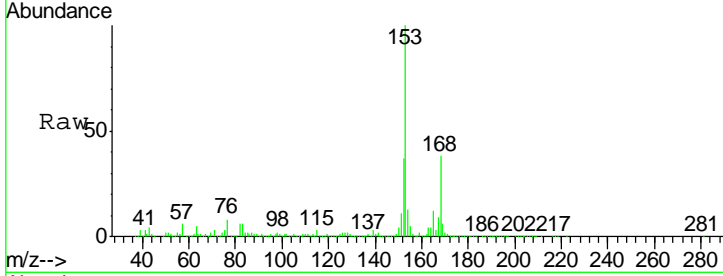




#53  
 Dibenzofuran  
 Concen: 9.282 ng/ul  
 RT: 15.43 min Scan# 2065  
 Delta R.T. -0.09 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

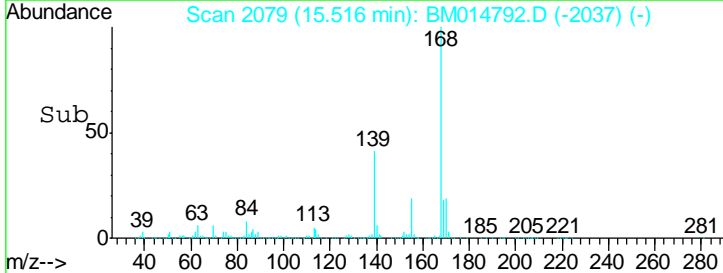
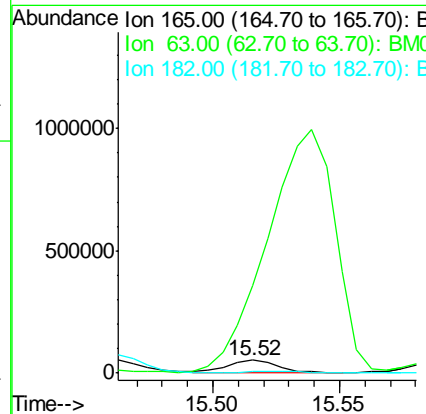
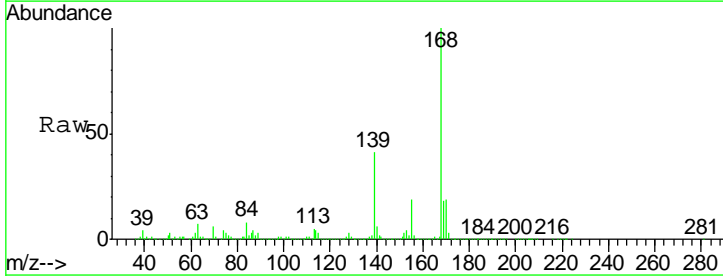
Instrument :  
 BNA\_M  
 ClientSampled :

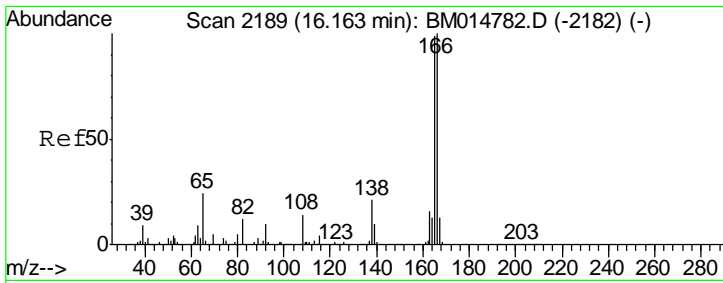
Tgt Ion	Resp	Lower	Upper
168	100		
139	7.6	30.8	46.2#



#54  
 2,4-Dinitrotoluene  
 Concen: 3.386 ng/ul  
 RT: 15.52 min Scan# 2079  
 Delta R.T. 0.05 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
165	100		
63	684.6	45.8	68.8#
182	8.6	2.6	4.0#

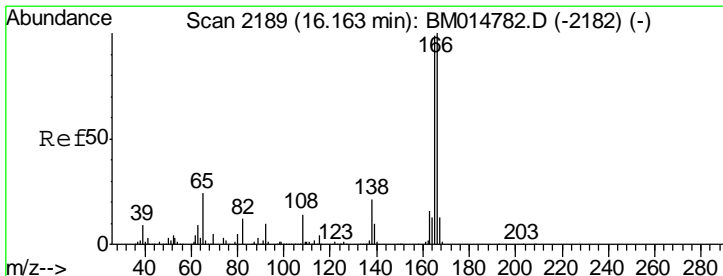
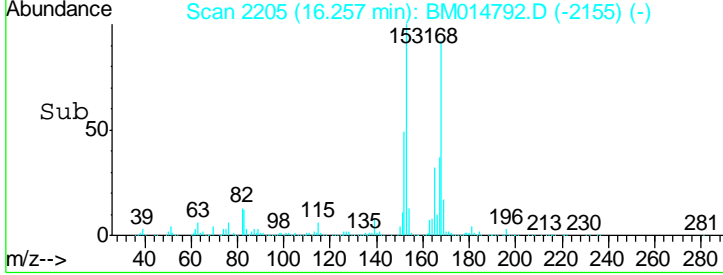
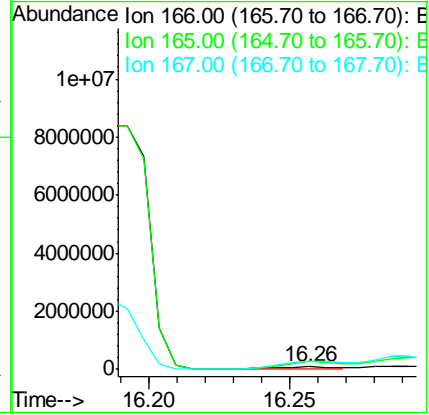
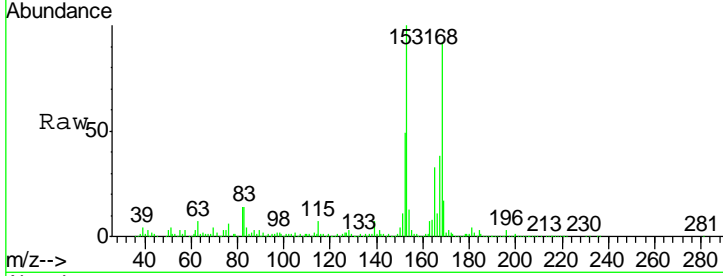




#58  
 Fluorene  
 Concen: 1.416 ng/ul  
 RT: 16.26 min Scan# 2205  
 Delta R.T. 0.09 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

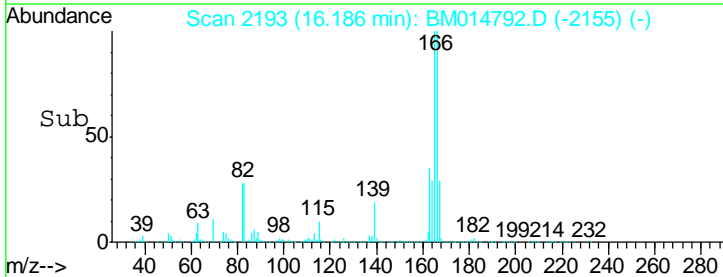
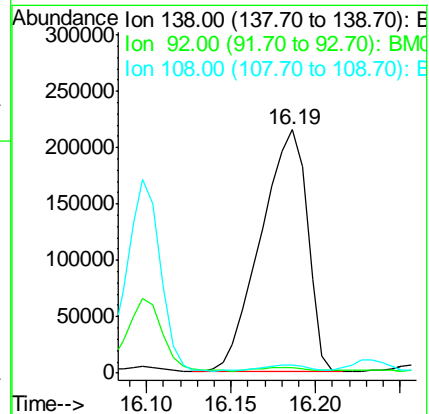
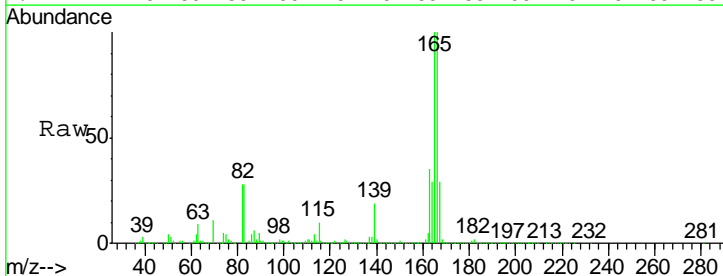
Instrument :  
 BNA\_M  
 ClientSampled :

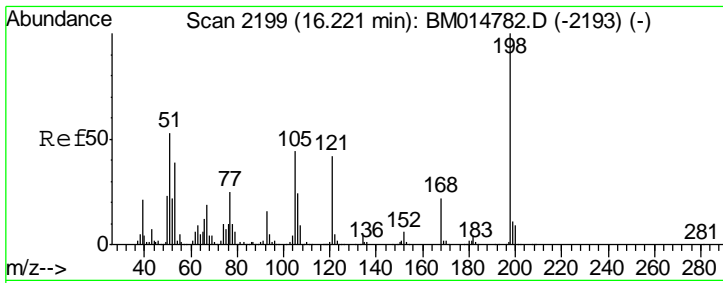
Tgt Ion	Resp	Lower	Upper
166	99743		
165	304.1	77.9	116.9#
167	347.2	10.6	16.0#



#60  
 4-Nitroaniline  
 Concen: 27.219 ng/ul  
 RT: 16.19 min Scan# 2193  
 Delta R.T. 0.02 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
138	409455		
92	2.1	40.0	60.0#
108	3.1	80.0	120.0#

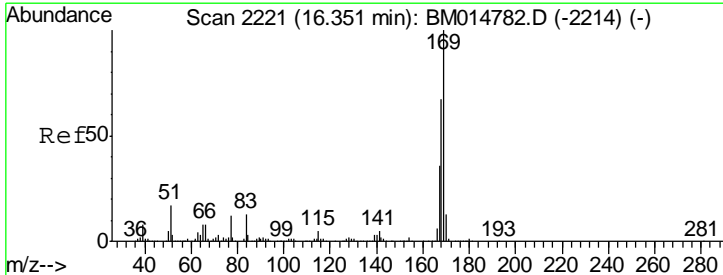
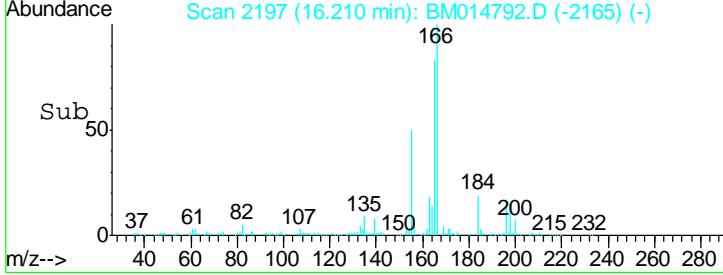
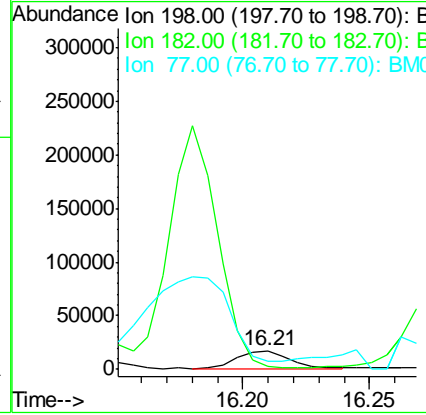
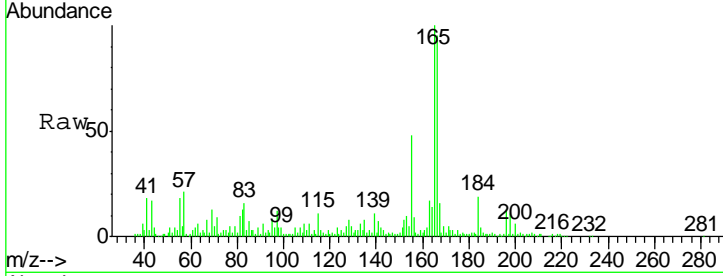




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 2.335 ng/ul  
 RT: 16.21 min Scan# 2197  
 Delta R.T. -0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

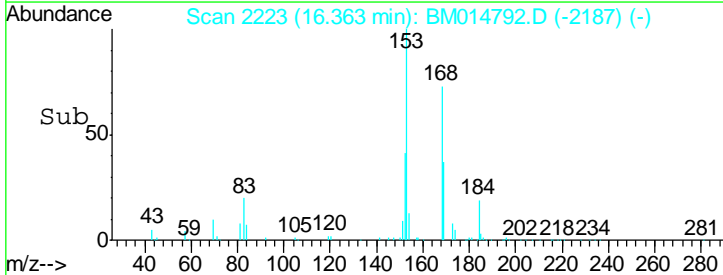
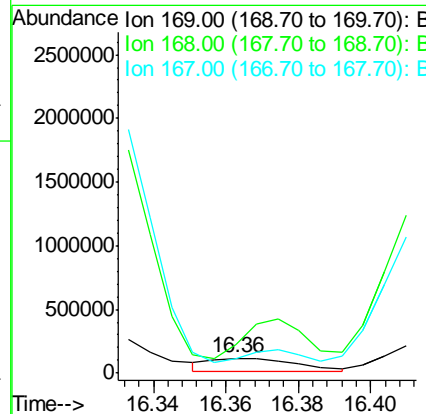
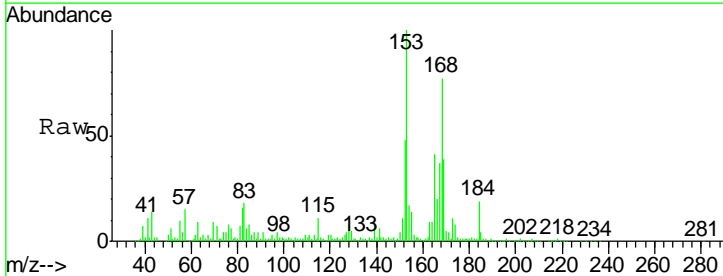
Instrument :  
 BNA\_M  
 ClientSampled :

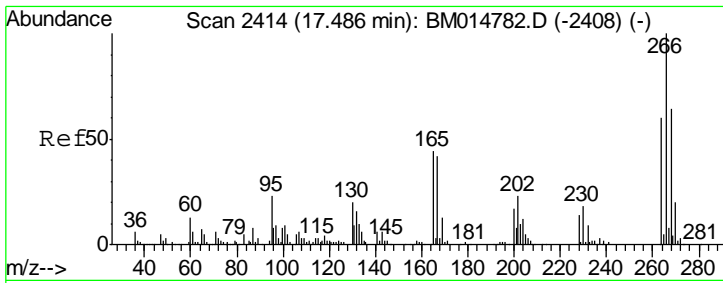
Tgt Ion	Resp	Lower	Upper
198	23526		
198	100		
182	13.4	3.8	5.6#
77	45.9	25.2	37.8#



#64  
 N-Nitrosodiphenylamine  
 Concen: 3.272 ng/ul  
 RT: 16.36 min Scan# 2223  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
169	170048		
169	100		
168	200.2	54.0	81.0#
167	96.7	29.1	43.7#

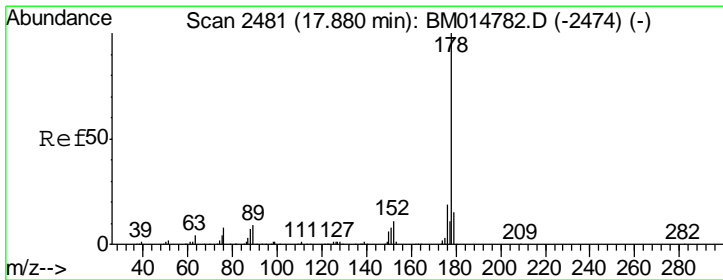
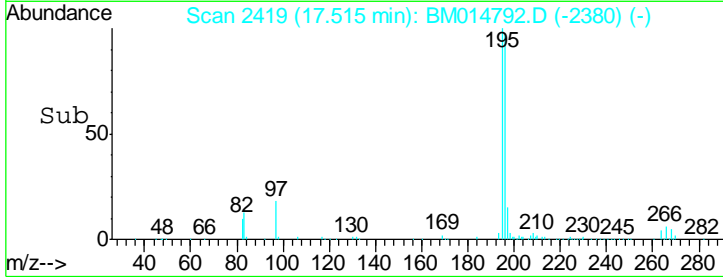
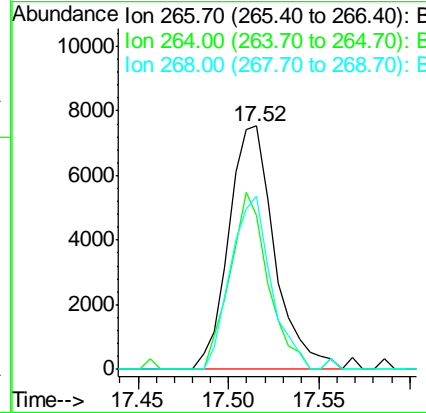
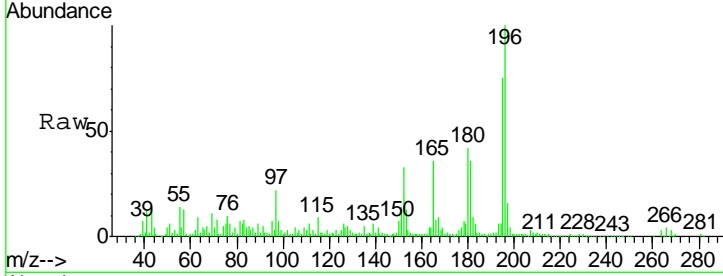




#68  
 Pentachlorophenol  
 Concen: 1.059 ng/ul  
 RT: 17.52 min Scan# 2419  
 Delta R.T. 0.03 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

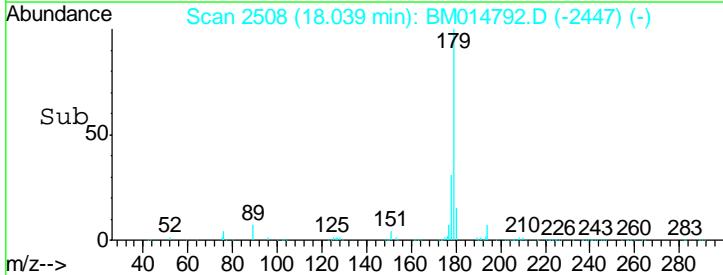
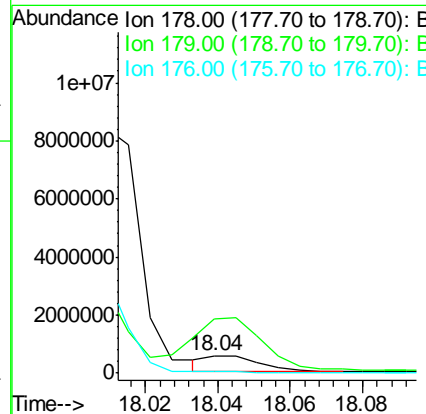
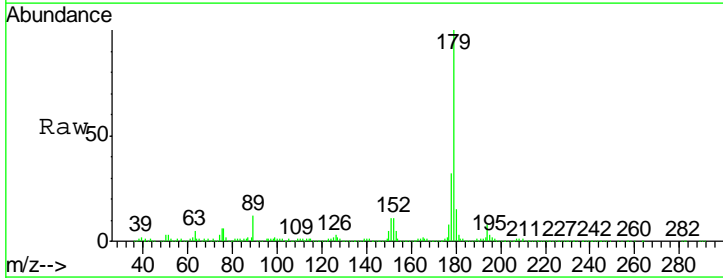
Instrument :  
 BNA\_M  
 ClientSampled :

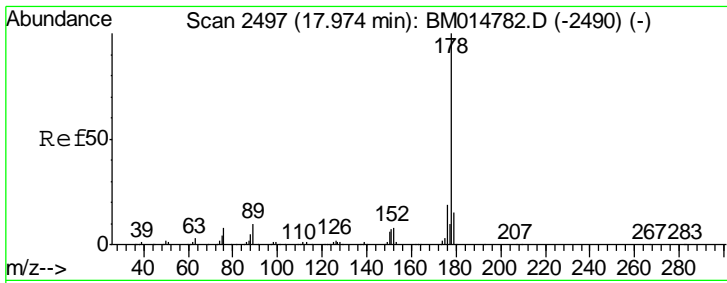
Tgt Ion	Resp	Lower	Upper
266	13247		
264	63.2	49.3	73.9
268	71.3	52.6	78.8



#69  
 Phenanthrene  
 Concen: 5.545 ng/ul  
 RT: 18.04 min Scan# 2508  
 Delta R.T. 0.16 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
178	533694		
179	316.2	12.6	19.0#
176	7.7	14.9	22.3#

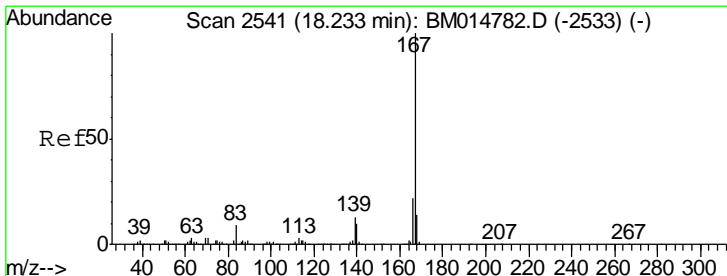
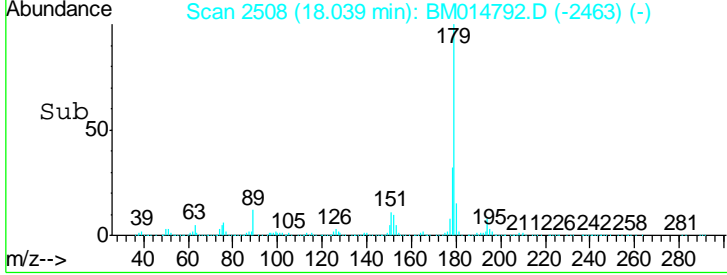
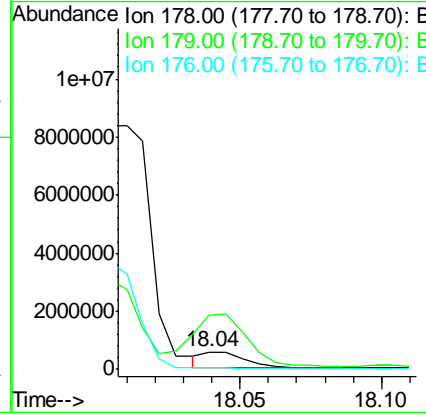
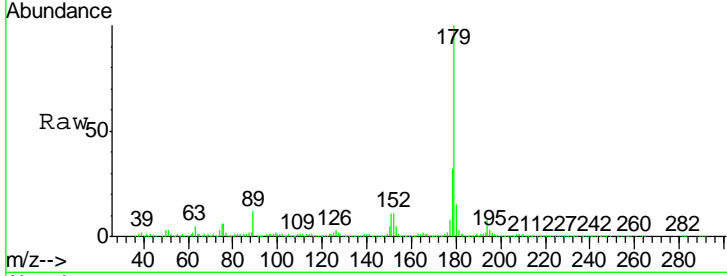




#71  
 Anthracene  
 Concen: 5.968 ng/ul  
 RT: 18.04 min Scan# 2508  
 Delta R.T. 0.06 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

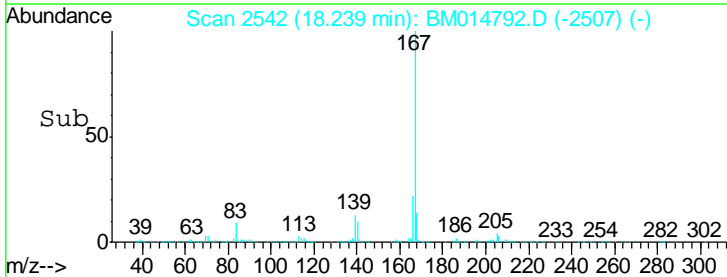
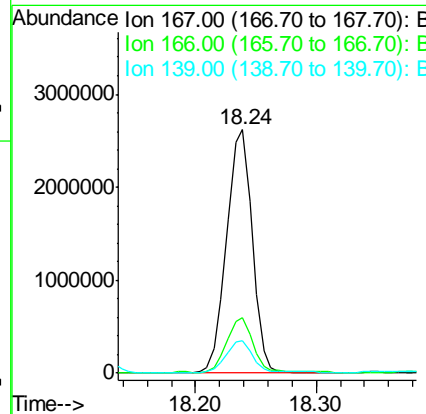
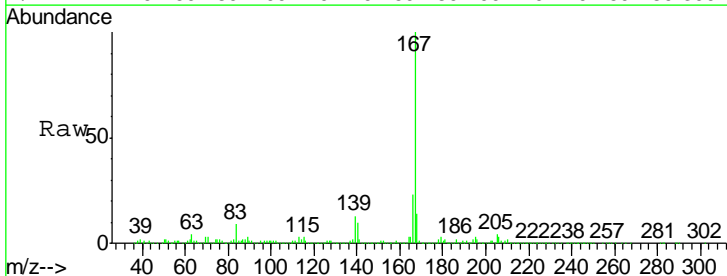
Instrument :  
 BNA\_M  
 ClientSampled :

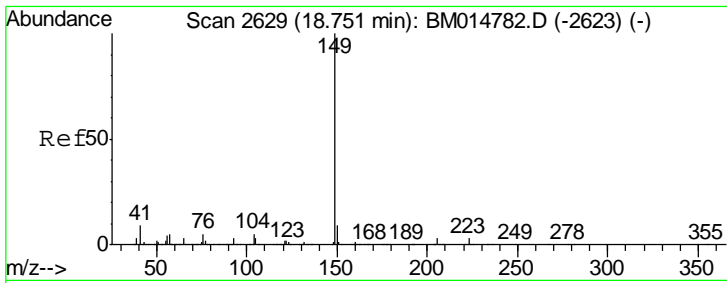
Tgt Ion	Resp	Lower	Upper
178	582944		
179	316.2	11.7	17.5#
176	7.7	14.6	21.8#



#72  
 Carbazole  
 Concen: 46.124 ng/ul  
 RT: 18.24 min Scan# 2542  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
167	3843191		
166	22.6	17.1	25.7
139	13.1	10.0	15.0

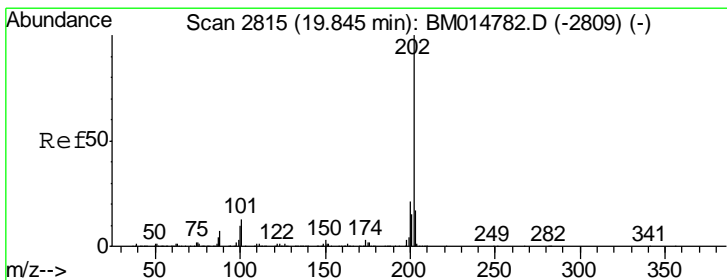
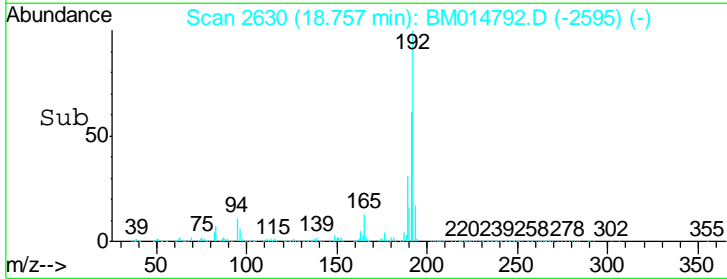
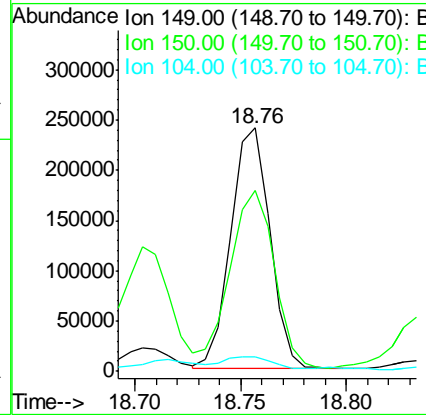
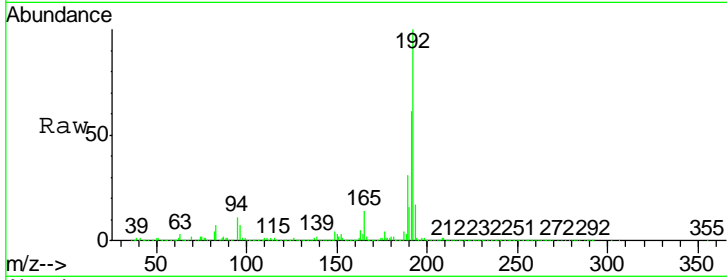




#73  
 Di-n-butylphthalate  
 Concen: 3.019 ng/ul  
 RT: 18.76 min Scan# 2630  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

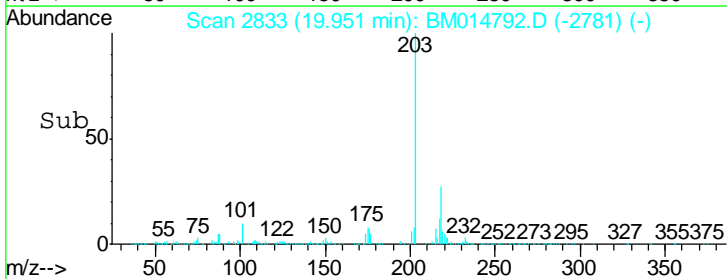
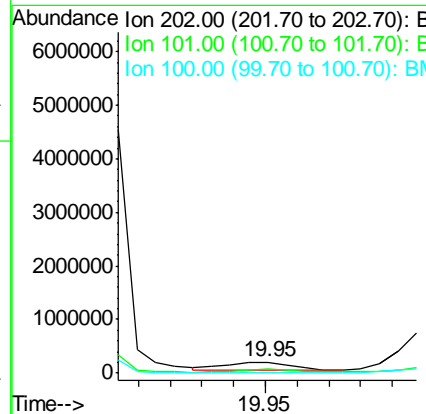
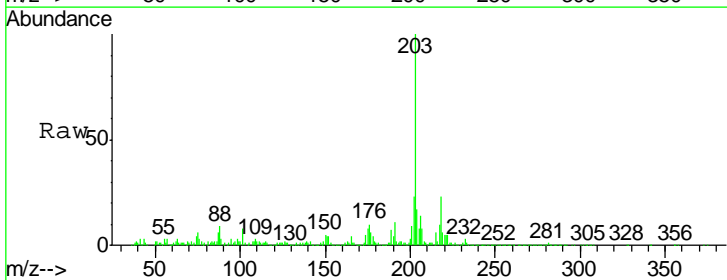
Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
149	100		
150	74.5	7.1	10.7#
104	6.1	5.6	8.4

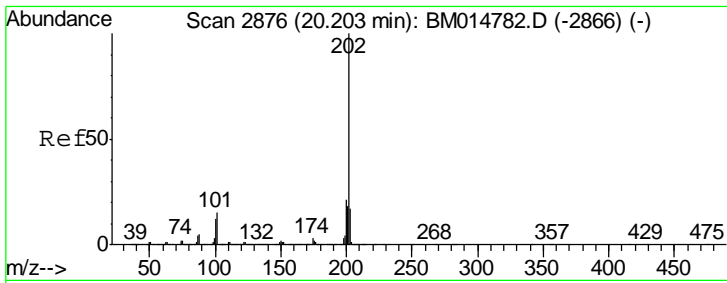


#74  
 Fluoranthene  
 Concen: 2.105 ng/ul  
 RT: 19.95 min Scan# 2833  
 Delta R.T. 0.11 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
202	100		
101	35.6	4.6	7.0#
100	8.7	3.4	5.2#



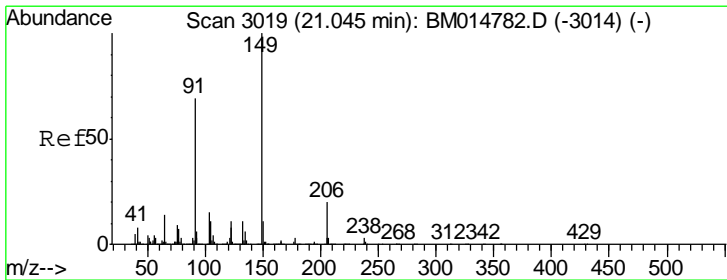
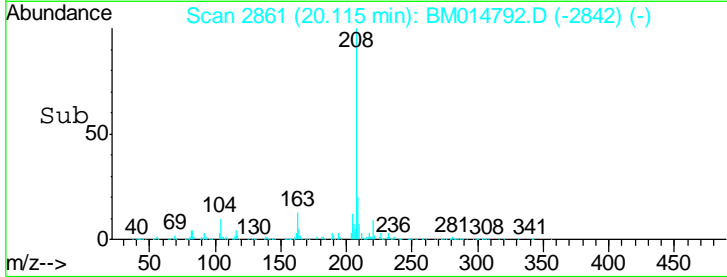
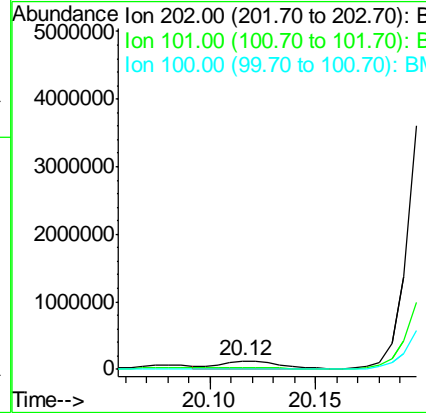
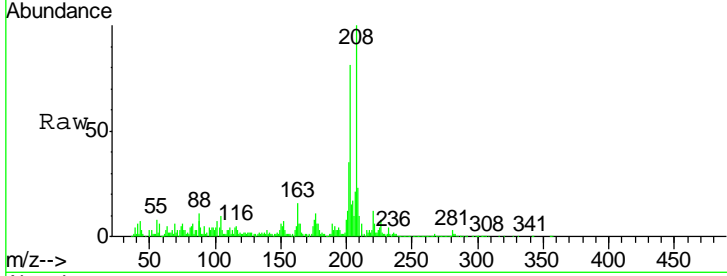




#77  
 Pyrene  
 Concen: 1.783 ng/ul  
 RT: 20.12 min Scan# 2861  
 Delta R.T. -0.09 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

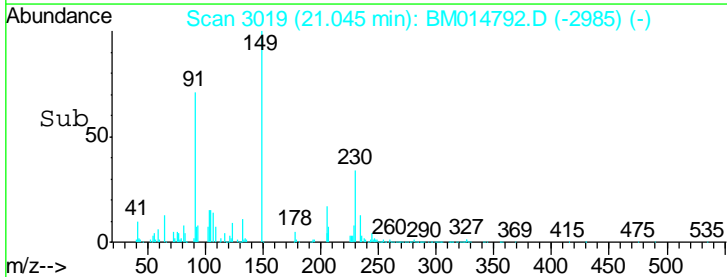
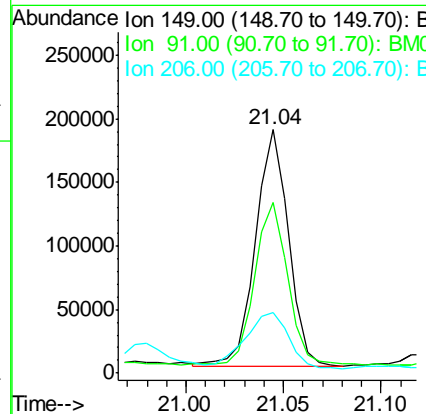
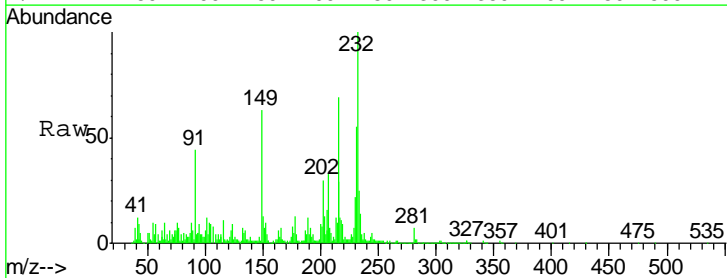
Instrument :  
 BNA\_M  
 ClientSampled :

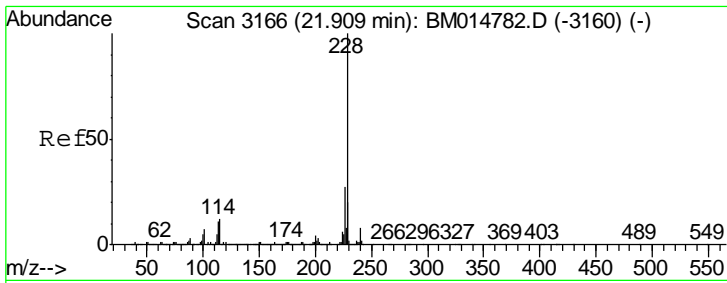
Tgt Ion	Resp	Lower	Upper
202	100		
101	21.1	5.1	7.7#
100	11.1	4.9	7.3#



#78  
 Butylbenzylphthalate  
 Concen: 4.694 ng/ul  
 RT: 21.04 min Scan# 3019  
 Delta R.T. 0.00 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
149	100		
91	70.2	62.7	94.1
206	24.8	20.8	31.2



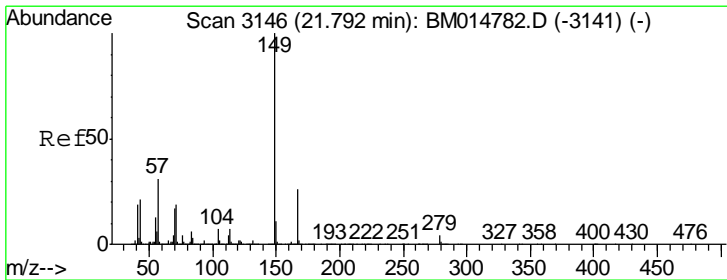
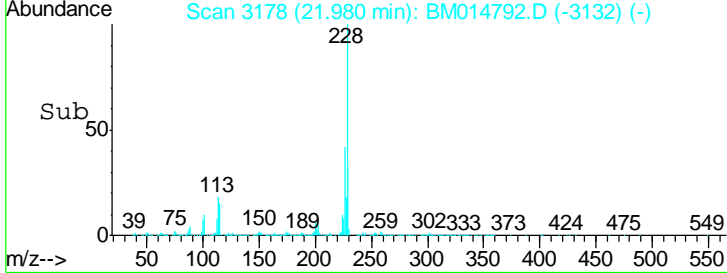
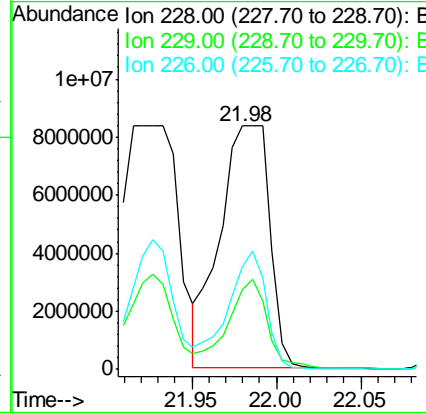
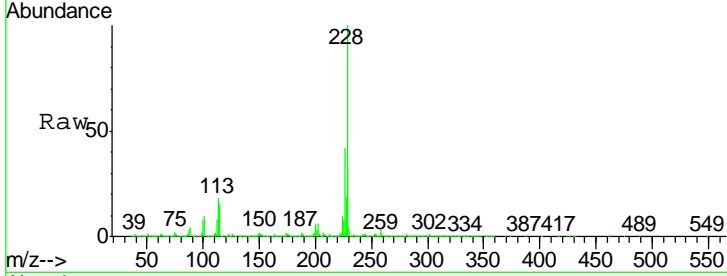


#80  
 Benzo(a)anthracene  
 Concen: 152.867 ng/ul  
 RT: 21.98 min Scan# 3178  
 Delta R.T. 0.07 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion:228 Resp:17248287

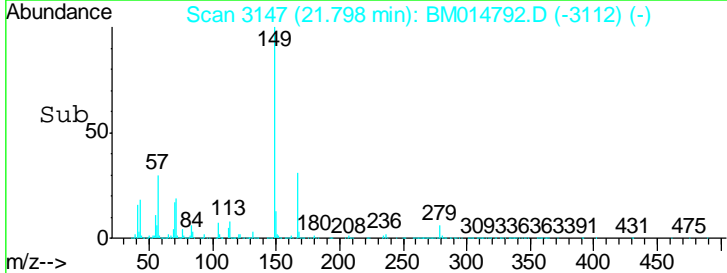
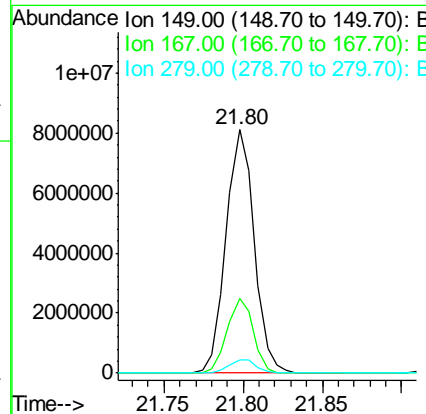
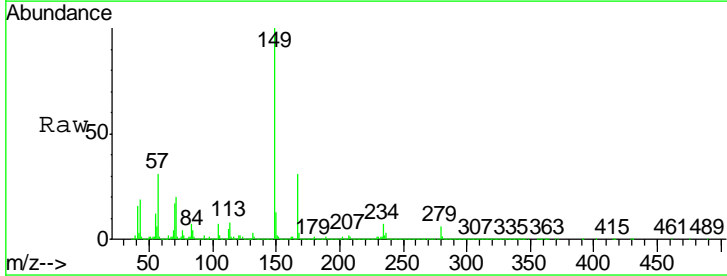
Ion	Ratio	Lower	Upper
228	100		
229	32.5	15.4	23.0#
226	42.1	21.4	32.0#

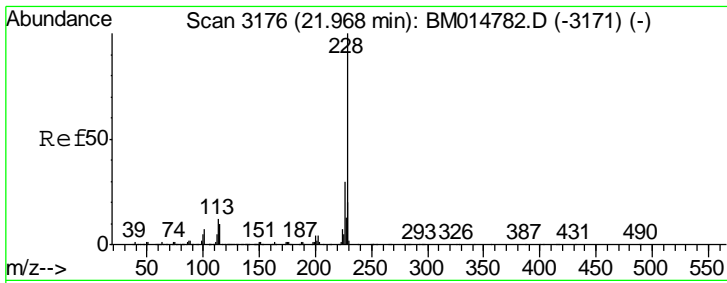


#81  
 Bis(2-ethylhexyl)phthalate  
 Concen: 147.561 ng/ul  
 RT: 21.80 min Scan# 3147  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion:149 Resp: 9961840

Ion	Ratio	Lower	Upper
149	100		
167	30.8	22.8	34.2
279	5.5	4.9	7.3



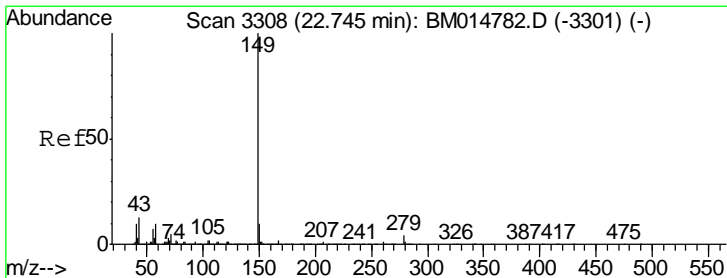
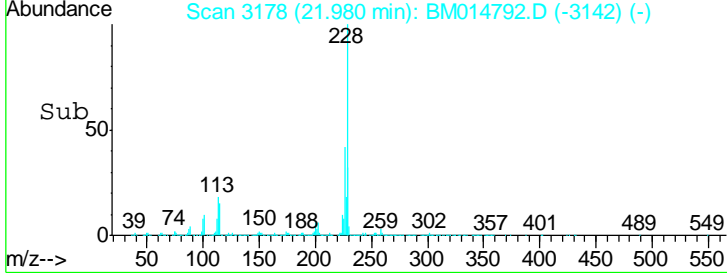
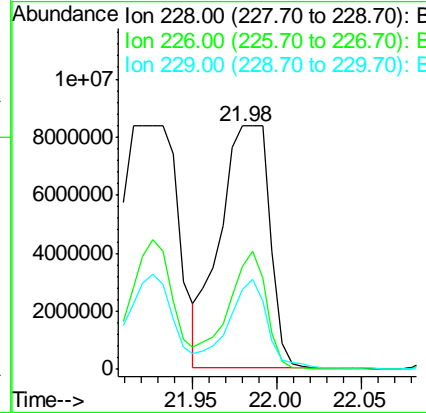
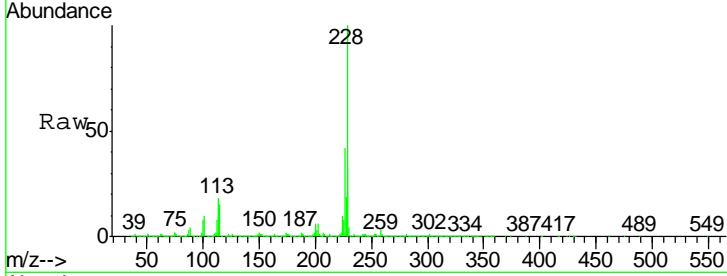


#82  
 Chrysene  
 Concen: 163.293 ng/ul  
 RT: 21.98 min Scan# 3178  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion: 228 Resp: 17248287

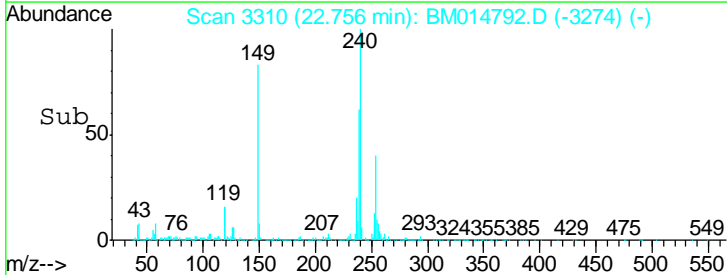
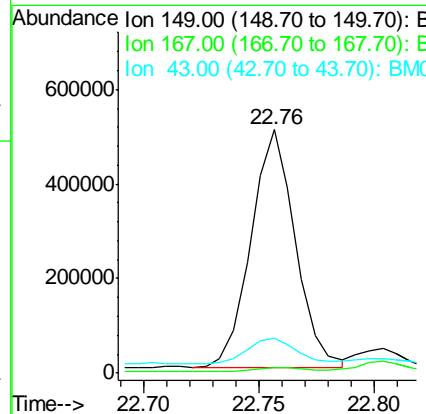
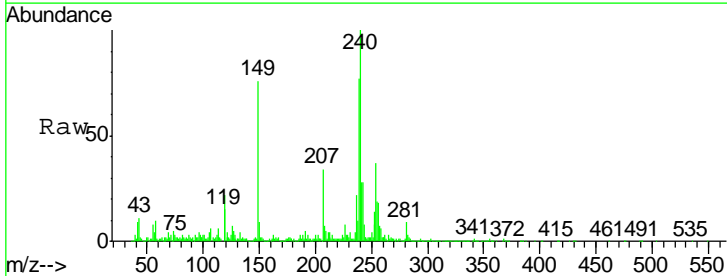
Ion	Ratio	Lower	Upper
228	100		
226	42.1	23.4	35.2#
229	32.5	15.5	23.3#

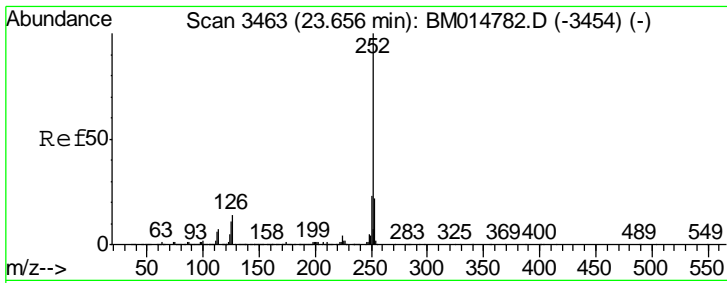


#84  
 Di-n-octyl phthalate  
 Concen: 5.889 ng/ul  
 RT: 22.76 min Scan# 3310  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion: 149 Resp: 675433

Ion	Ratio	Lower	Upper
149	100		
167	2.4	1.3	1.9#
43	14.4	7.3	10.9#



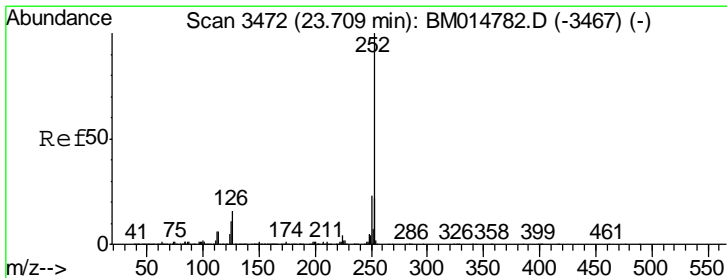
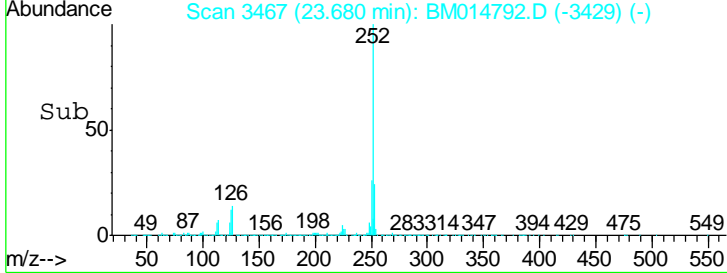
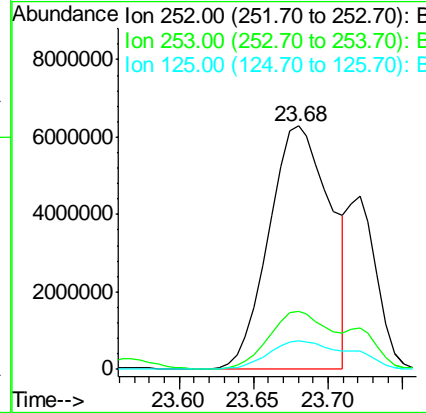
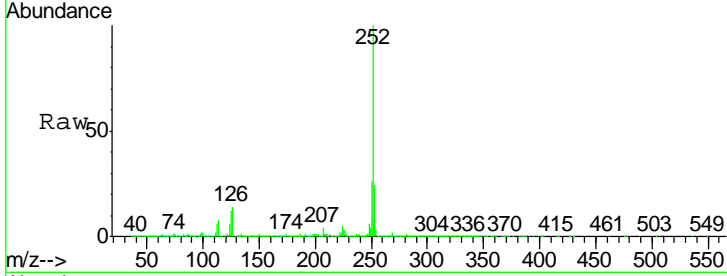


#85  
 Benzo(b)fluoranthene  
 Concen: 153.631 ng/ul  
 RT: 23.68 min Scan# 3467  
 Delta R.T. 0.02 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion:252 Resp:18059681

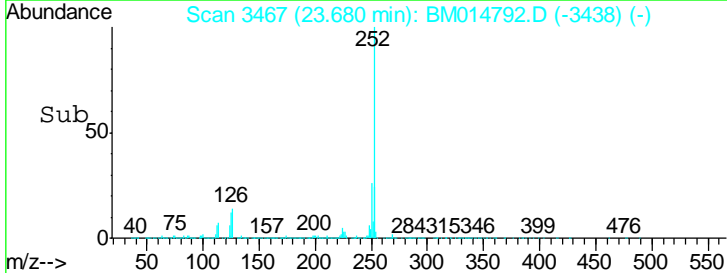
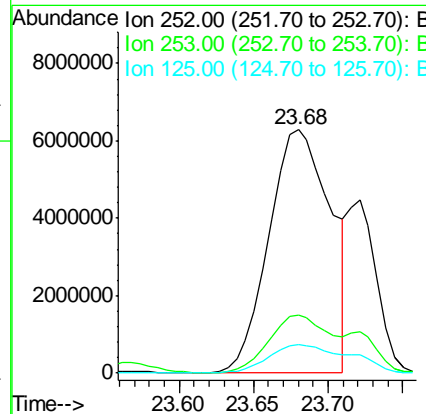
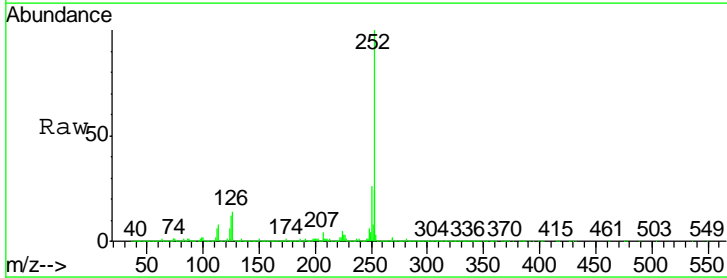
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	12.0	3.6	5.4#

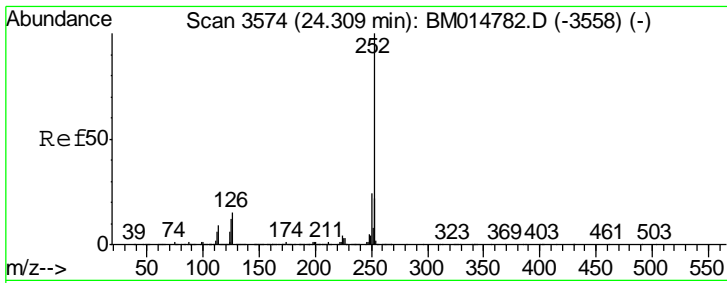


#86  
 Benzo(k)fluoranthene  
 Concen: 159.765 ng/ul  
 RT: 23.68 min Scan# 3467  
 Delta R.T. -0.03 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion:252 Resp:18059681

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	12.0	3.4	5.2#



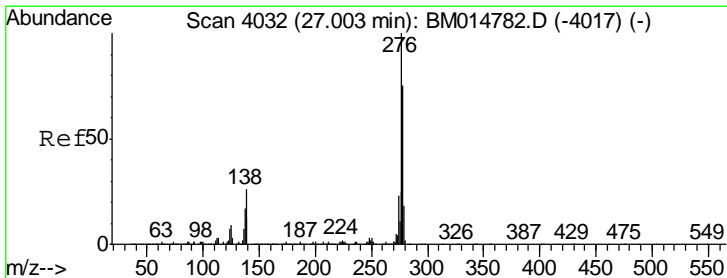
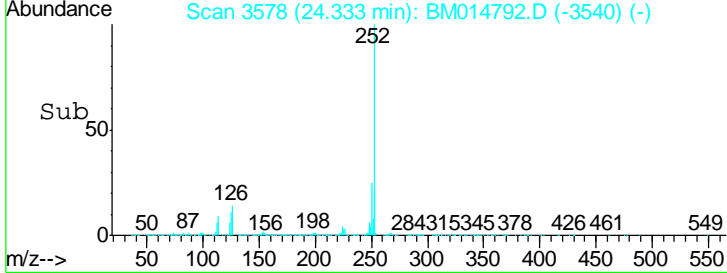
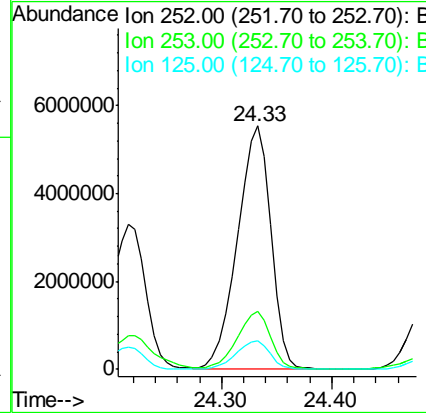
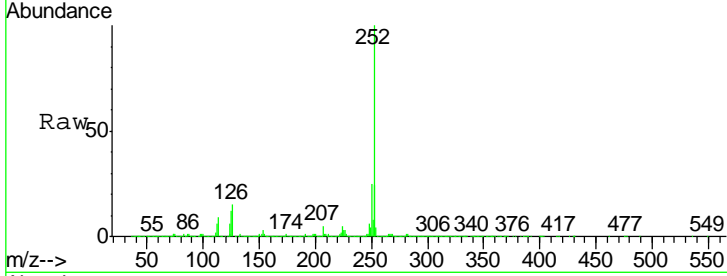


#88  
 Benzo(a)pyrene  
 Concen: 105.173 ng/ul  
 RT: 24.33 min Scan# 3578  
 Delta R.T. 0.02 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion: 252 Resp: 11727650

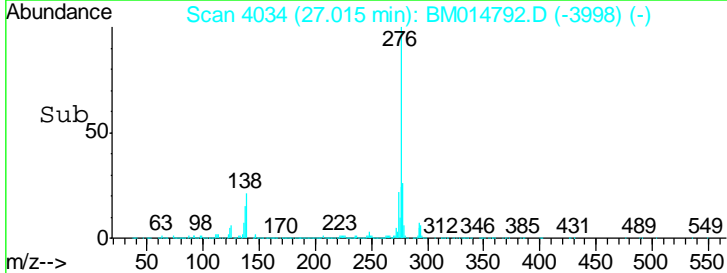
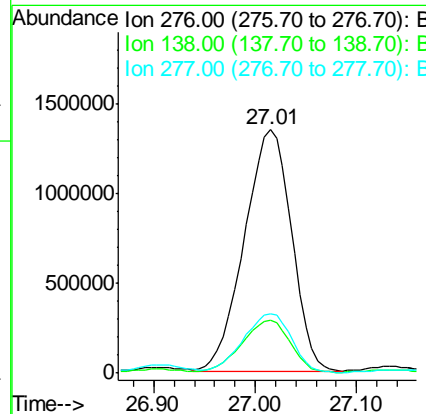
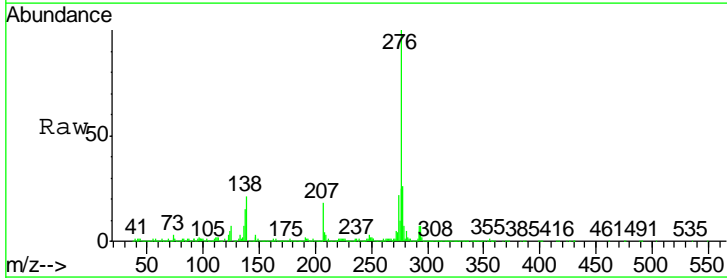
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	11.7	4.0	6.0

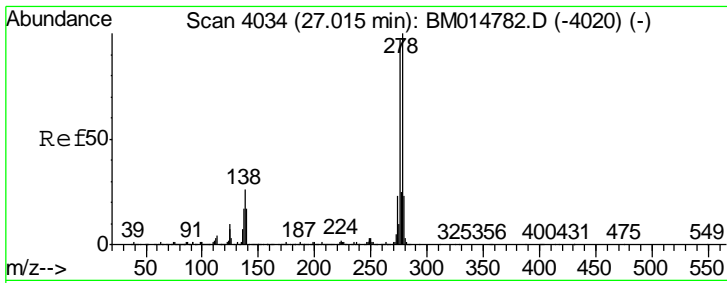


#89  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.227 ng/ul  
 RT: 27.01 min Scan# 4034  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion: 276 Resp: 4347350

Ion	Ratio	Lower	Upper
276	100		
138	21.5	9.3	13.9
277	24.6	19.9	29.9

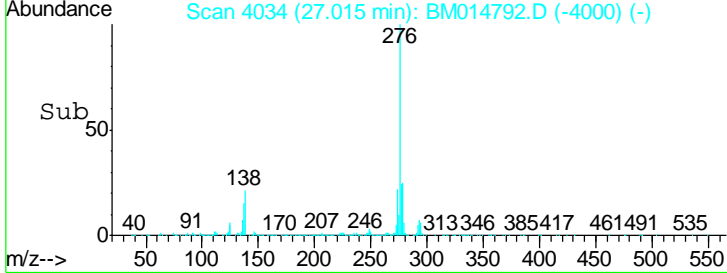
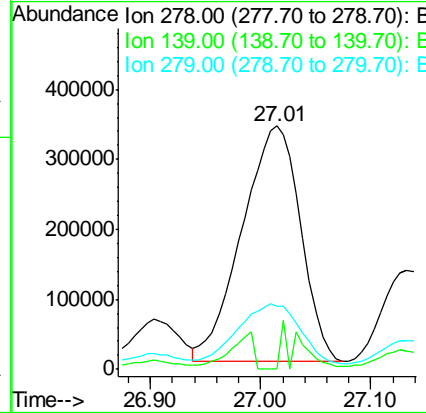
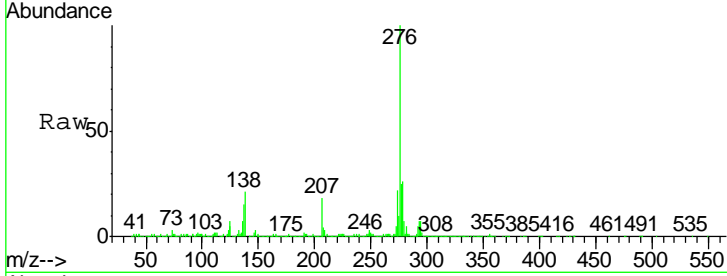




#90  
 Dibenzo(a,h)anthracene  
 Concen: 10.969 ng/ul  
 RT: 27.01 min Scan# 4034  
 Delta R.T. 0.00 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
278	1245915		
139	0.0	5.8	8.8#
279	26.1	18.6	27.8



#91  
 Benzo(g,h,i)perylene  
 Concen: 31.182 ng/ul  
 RT: 27.81 min Scan# 4170  
 Delta R.T. 0.01 min  
 Lab File: BM014792.D  
 Acq: 24 Apr 2018 00:52

Tgt Ion	Resp	Lower	Upper
276	3460467		
138	22.3	8.5	12.7#
277	24.0	18.6	28.0

