

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
 Data File : BM014784.D
 Acq On : 23 Apr 2018 20:01
 Operator : SJ/JU
 Sample : J2431-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASN7

Quant Time: May 04 03:16:06 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	393256	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1590542	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	828169	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1724822	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1729030	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1789347	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	61103	6.78	ng/uL	0.00
5) Phenol-d5	7.65	99	231608	7.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	709625	36.40	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	716425	28.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	445226	18.36	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	428582	37.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	452915	39.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	744408	32.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	79249	3.45	ng/ul	-0.02
43) Dimethylphthalate-d6	14.52	166	2304673	35.65	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	3000152	37.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	76774	6.40	ng/ul	0.00
57) Fluorene-d10	16.10	176	1962733	34.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	292911	31.38	ng/ul	0.00
70) Anthracene-d10	17.94	188	2882134	35.86	ng/ul	0.00
76) Pyrene-d10	20.17	212	3049254	37.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	3053027	34.73	ng/ul	0.00

Target Compounds

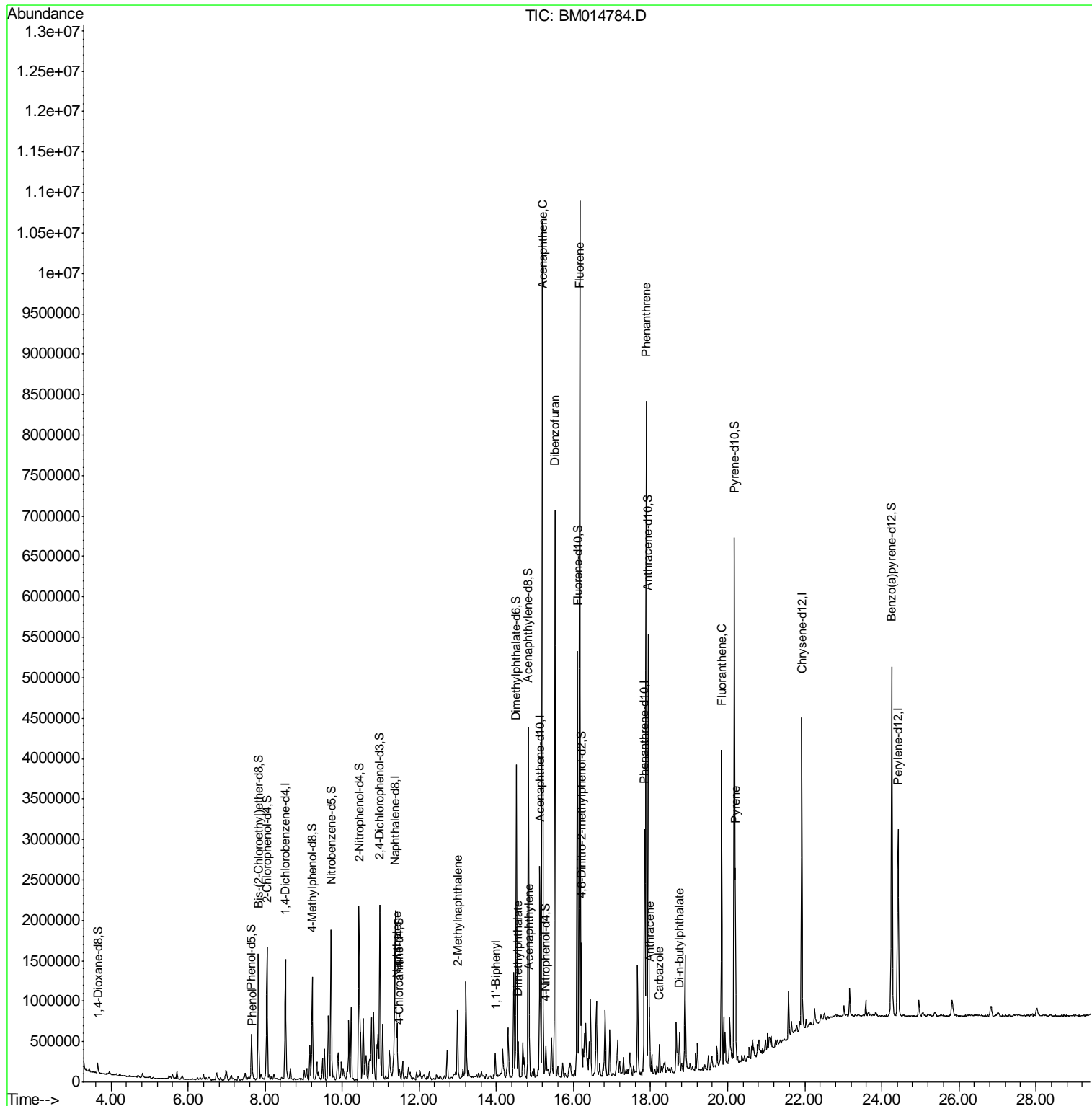
					Qvalue	
6) Phenol	7.67	94	36256	1.212	ng/ul#	78
28) Naphthalene	11.42	128	267563	3.452	ng/ul	97
34) 2-Methylnaphthalene	12.99	142	378797	7.038	ng/ul	96
40) 1,1'-Biphenyl	13.97	154	150073	2.253	ng/ul#	96
44) Dimethylphthalate	14.56	163	259222	4.148	ng/ul	99
47) Acenaphthylene	14.86	152	132874	1.718	ng/ul#	91
49) Acenaphthene	15.19	153	4346532	79.081	ng/ul	99
53) Dibenzofuran	15.52	168	4395209	57.586	ng/ul	100
58) Fluorene	16.16	166	4645789	75.383	ng/ul	99
69) Phenanthrene	17.89	178	4881821	52.702	ng/ul	99
71) Anthracene	17.97	178	481200	5.119	ng/ul	97
72) Carbazole	18.23	167	188099	2.345	ng/ul	99
73) Di-n-butylphthalate	18.75	149	166196	1.704	ng/ul#	96
74) Fluoranthene	19.84	202	2163249	21.420	ng/ul#	81
77) Pyrene	20.20	202	1255117	12.424	ng/ul#	79

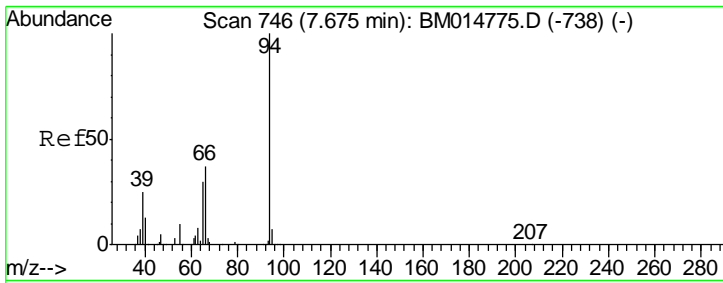
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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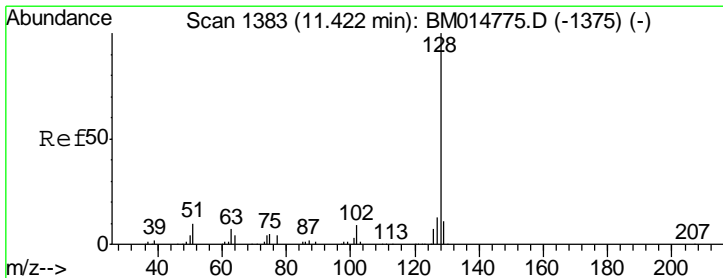
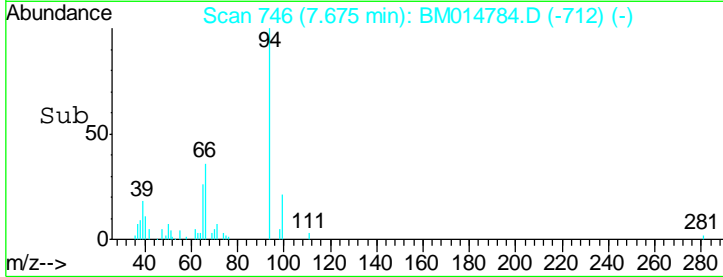
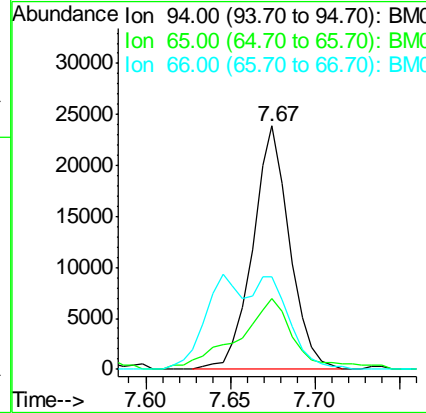
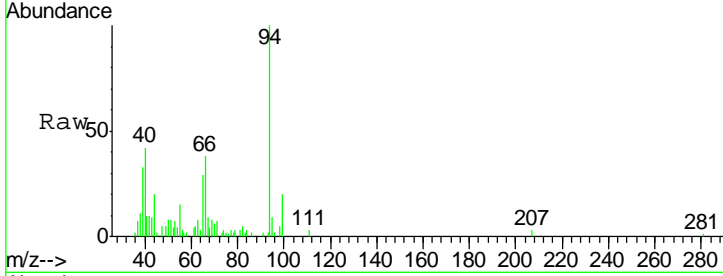




#6
 Phenol
 Concen: 1.212 ng/ul
 RT: 7.67 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

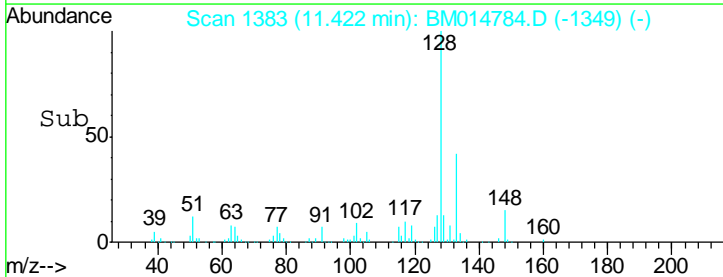
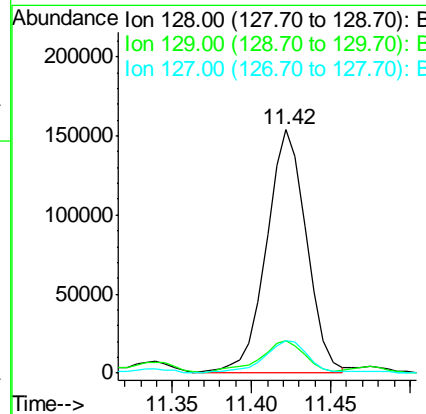
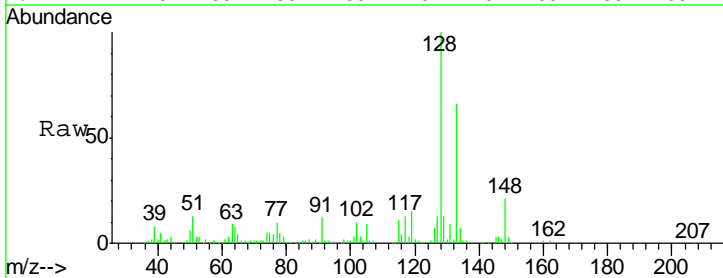
Instrument :
 BNA_M
 ClientSampled :
 DASN7

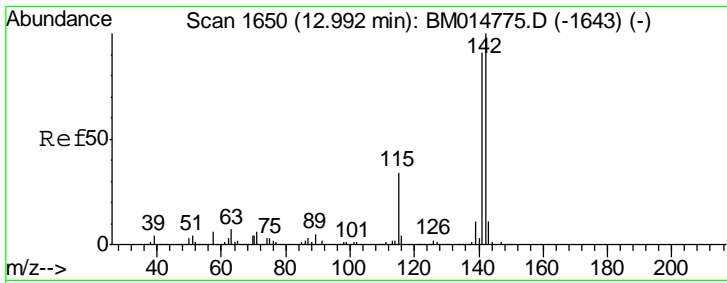
Tgt Ion	Resp	Lower	Upper
94	36256		
65	28.9	28.2	42.4
66	38.0	47.2	70.8#



#28
 Naphthalene
 Concen: 3.452 ng/ul
 RT: 11.42 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

Tgt Ion	Resp	Lower	Upper
128	267563		
129	13.1	8.8	13.2
127	13.1	10.6	16.0

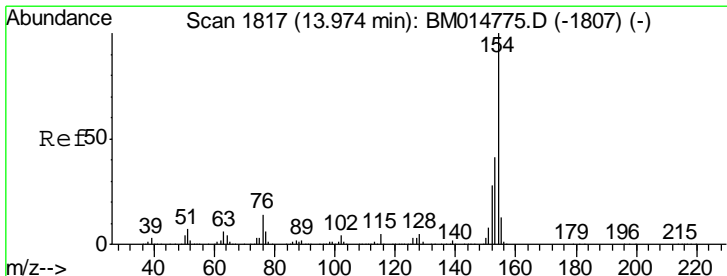
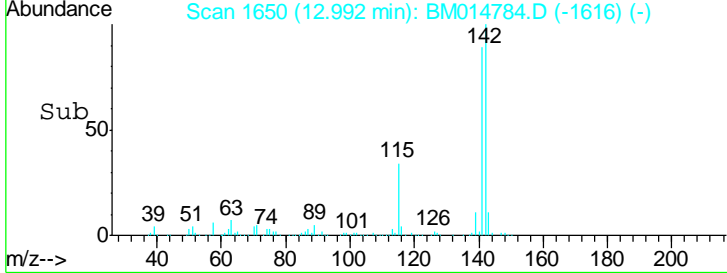
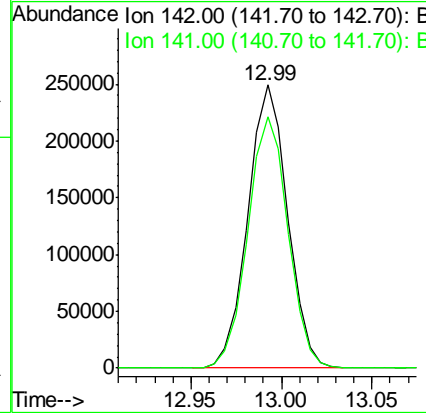
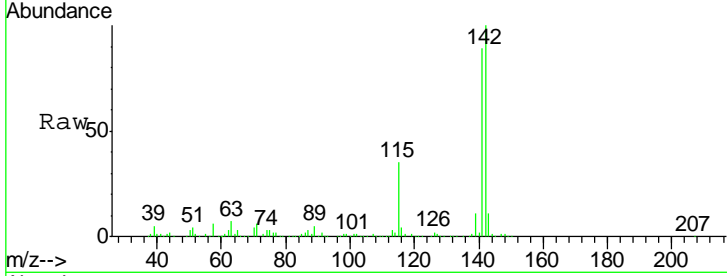




#34
 2-Methylnaphthalene
 Concen: 7.038 ng/ul
 RT: 12.99 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

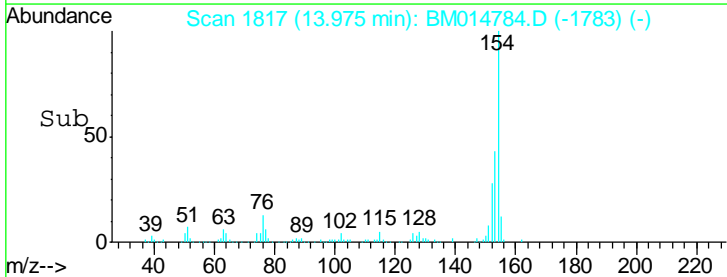
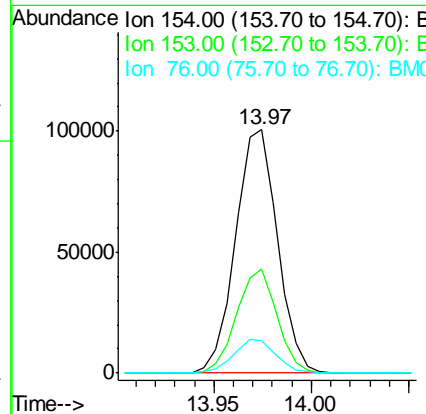
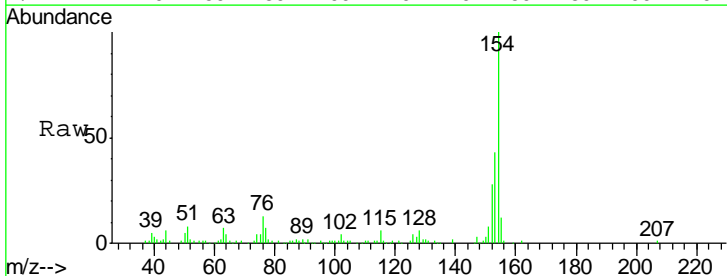
Instrument :
 BNA_M
 ClientSampled :
 DASN7

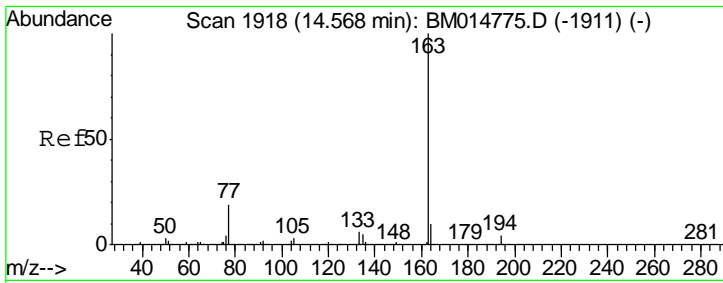
Tgt Ion:142 Resp: 378797
 Ion Ratio Lower Upper
 142 100
 141 89.0 74.1 111.1



#40
 1,1'-Biphenyl
 Concen: 2.253 ng/ul
 RT: 13.97 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

Tgt Ion:154 Resp: 150073
 Ion Ratio Lower Upper
 154 100
 153 42.7 32.6 48.8
 76 13.1 8.5 12.7#

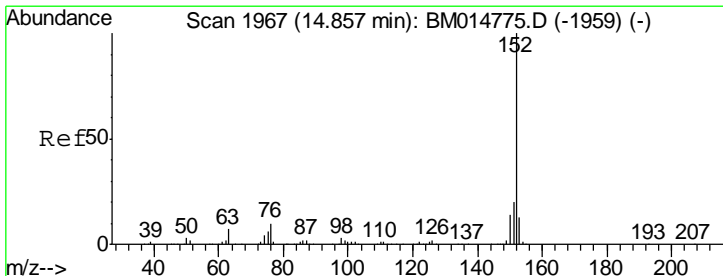
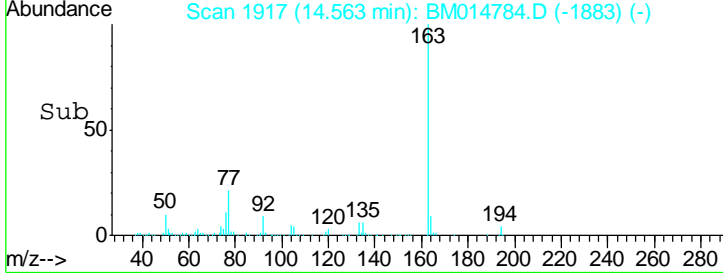
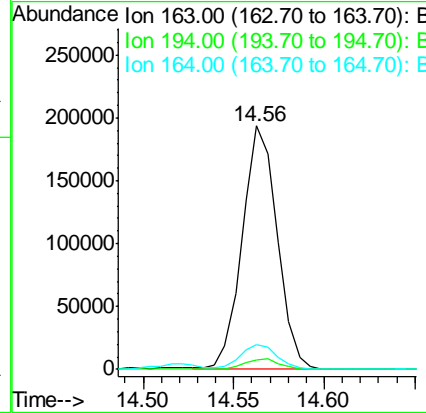
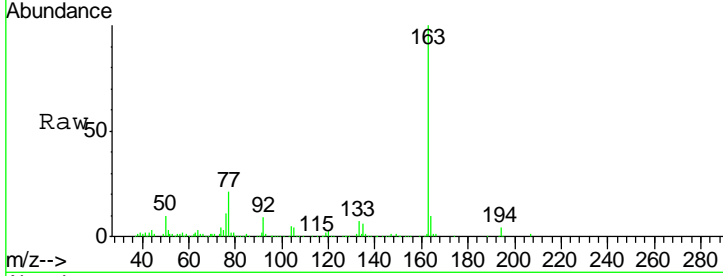




#44
 Dimethylphthalate
 Concen: 4.148 ng/ul
 RT: 14.56 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

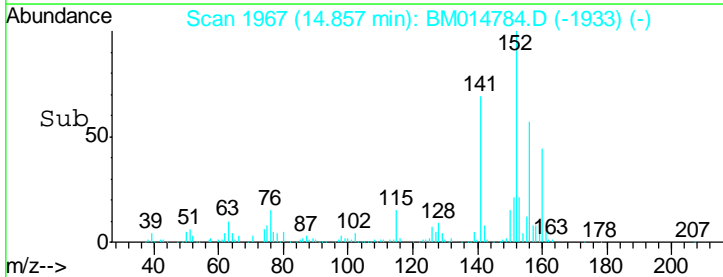
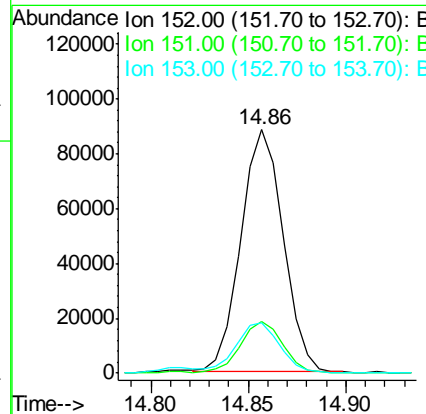
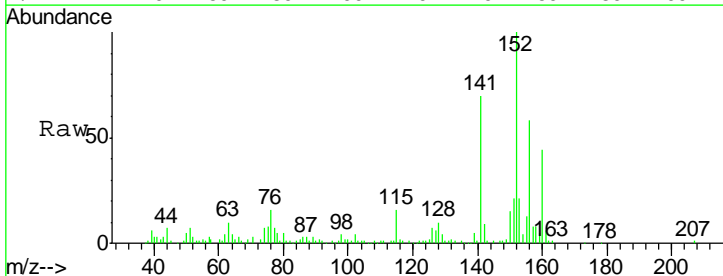
Instrument :
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 ClientSampleID :
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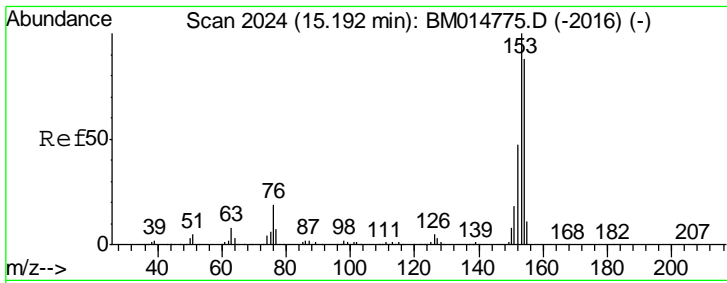
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.9	8.2	12.4



#47
 Acenaphthylene
 Concen: 1.718 ng/ul
 RT: 14.86 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

Tgt Ion	Resp	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	20.8	10.2	15.4

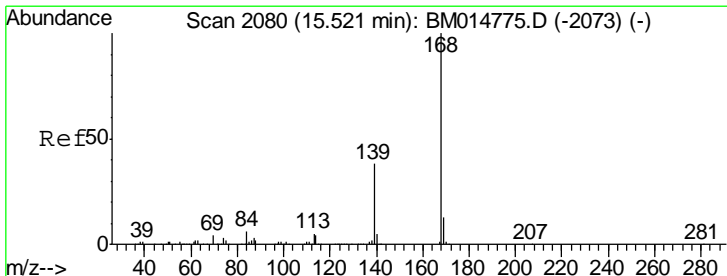
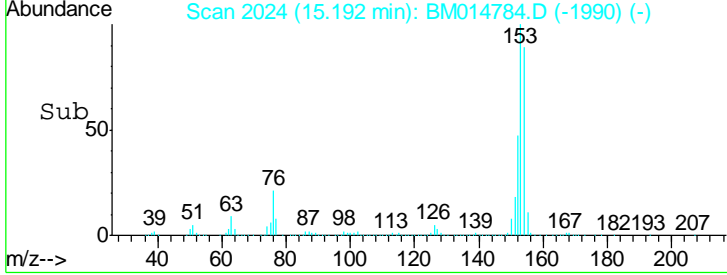
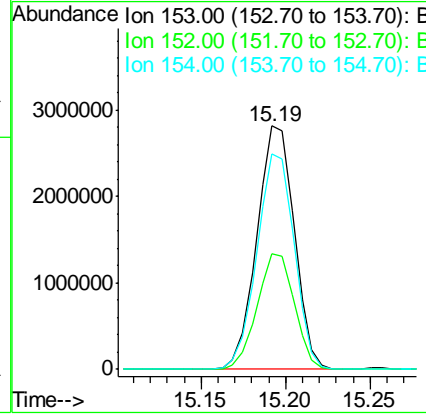
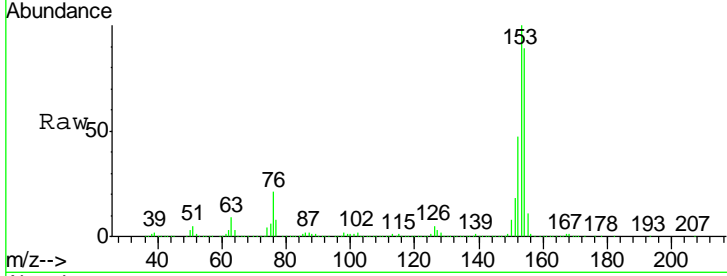




#49
 Acenaphthene
 Concen: 79.081 ng/ul
 RT: 15.19 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

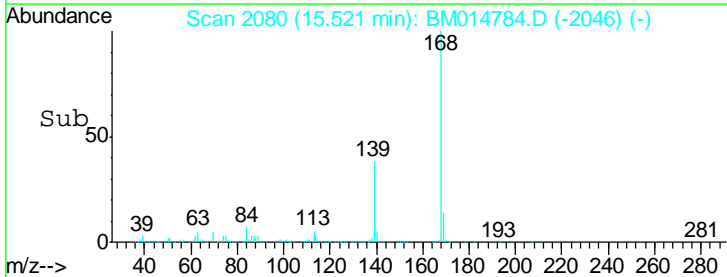
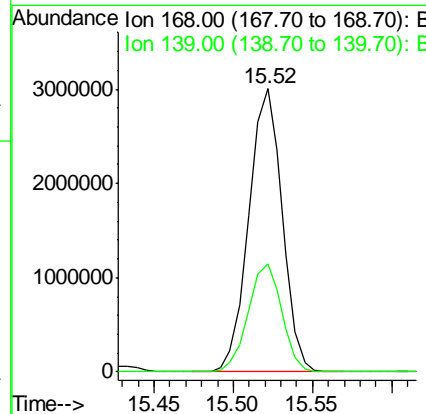
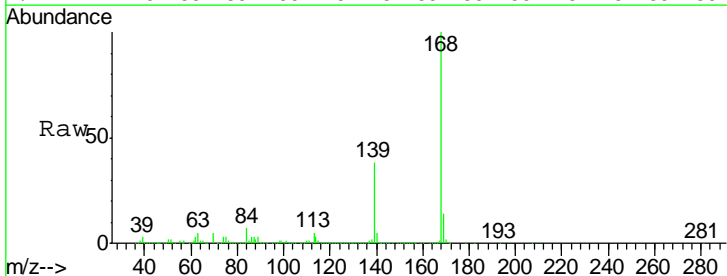
Instrument :
 BNA_M
 ClientSampled :
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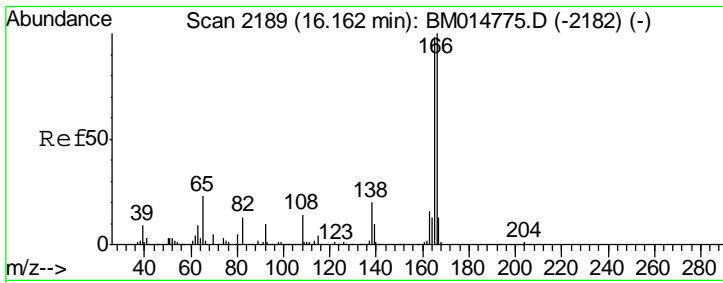
Tgt Ion	Resp	Lower	Upper
153	100		
152	47.5	37.6	56.4
154	88.6	70.4	105.6



#53
 Dibenzofuran
 Concen: 57.586 ng/ul
 RT: 15.52 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

Tgt Ion	Resp	Lower	Upper
168	100		
139	38.3	30.8	46.2



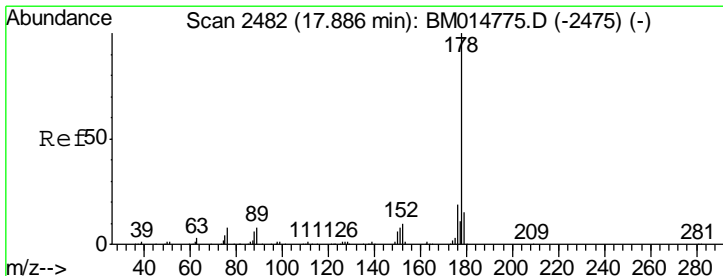
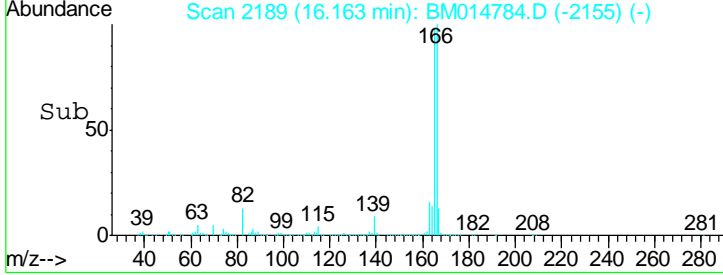
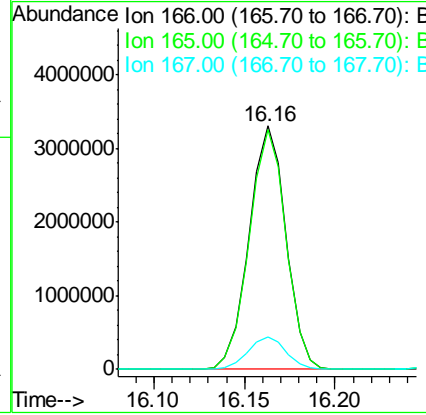
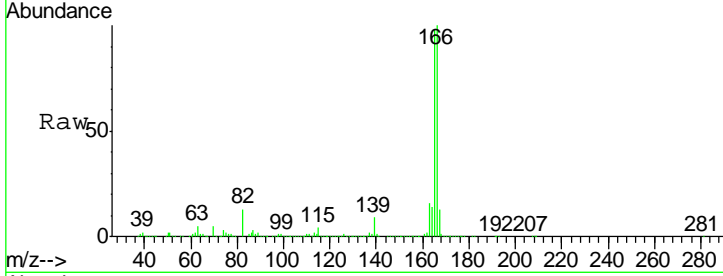


#58
 Fluorene
 Concen: 75.383 ng/ul
 RT: 16.16 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

Instrument :
 BNA_M
 ClientSampled :
 DASN7

Tgt Ion:166 Resp: 4645789

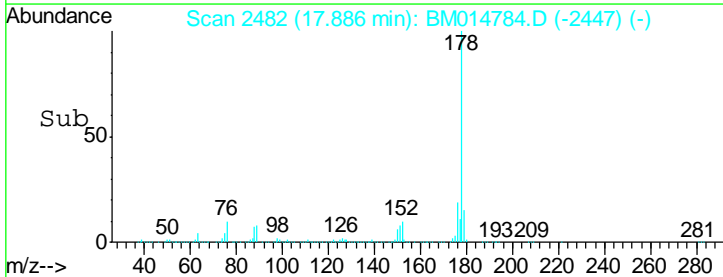
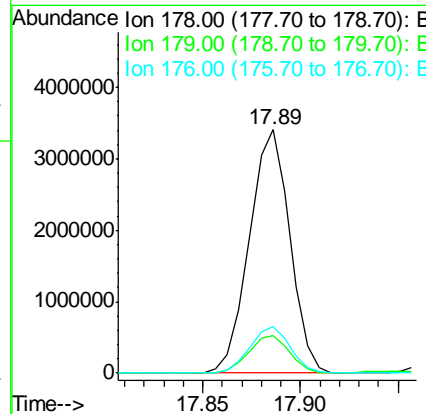
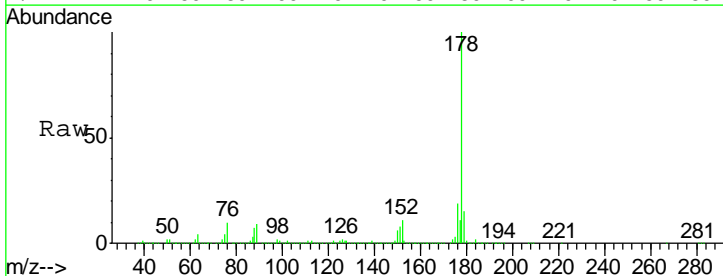
Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.9	116.9
167	13.4	10.6	16.0

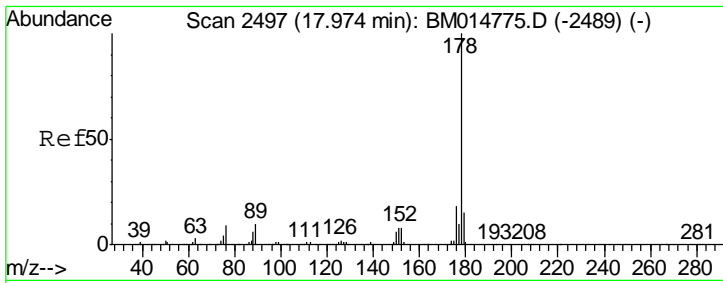


#69
 Phenanthrene
 Concen: 52.702 ng/ul
 RT: 17.89 min Scan# 2482
 Delta R.T. 0.01 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

Tgt Ion:178 Resp: 4881821

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.0	14.9	22.3

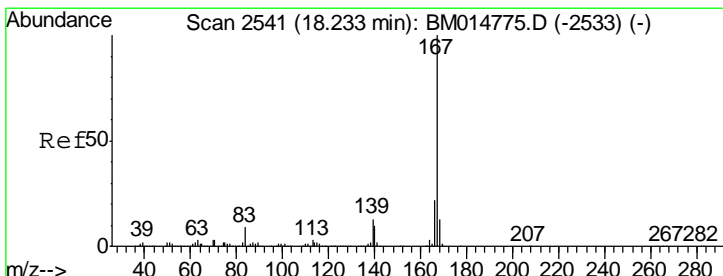
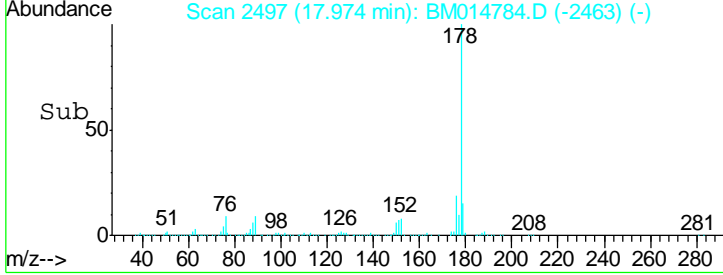
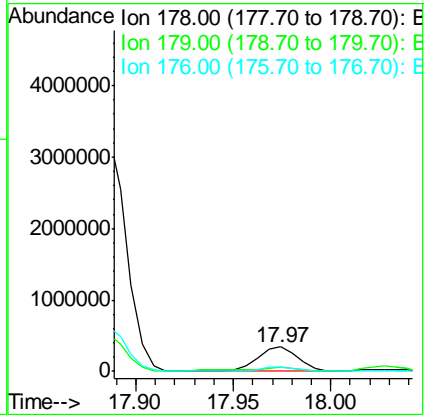
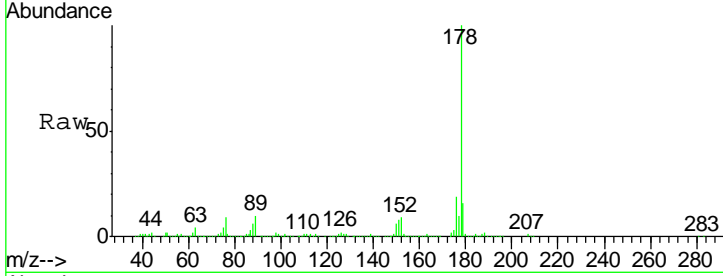




#71
 Anthracene
 Concen: 5.119 ng/ul
 RT: 17.97 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

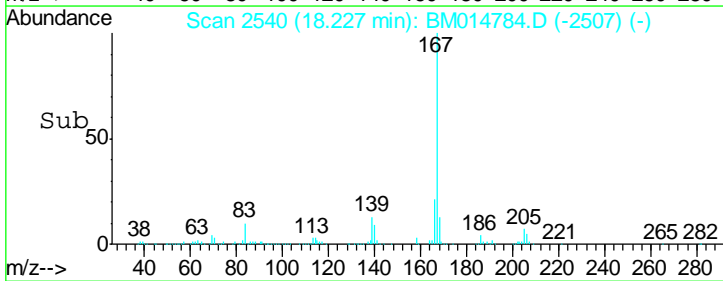
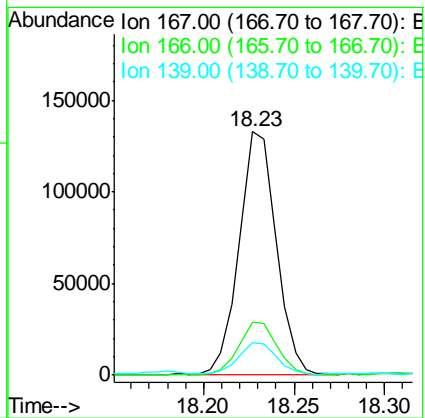
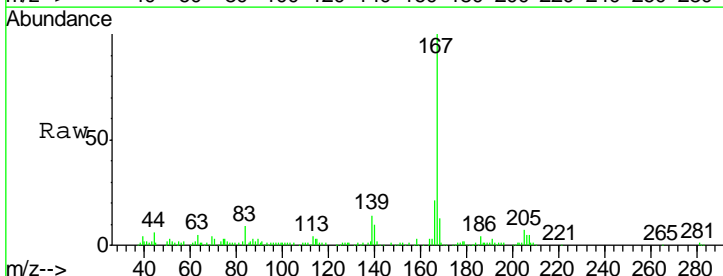
Instrument :
 BNA_M
 ClientSampled :
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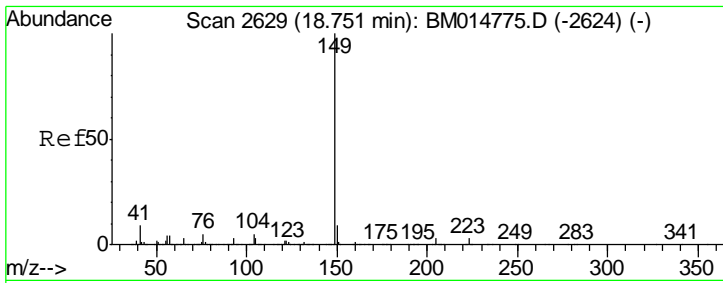
Tgt Ion	Resp	Lower	Upper
178	481200		
179	15.6	11.7	17.5
176	19.5	14.6	21.8



#72
 Carbazole
 Concen: 2.345 ng/ul
 RT: 18.23 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

Tgt Ion	Resp	Lower	Upper
167	188099		
166	21.5	17.1	25.7
139	13.6	10.0	15.0

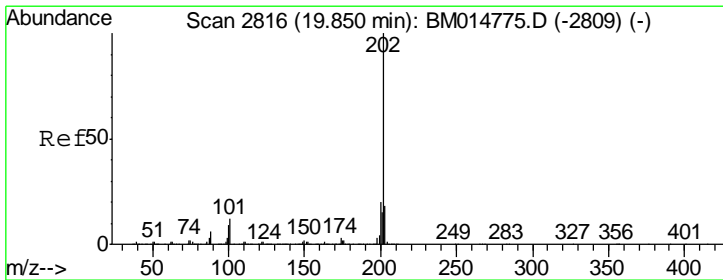
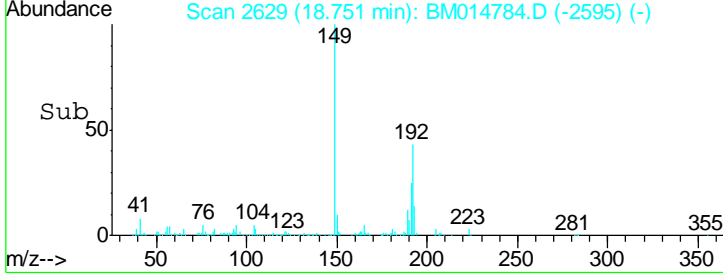
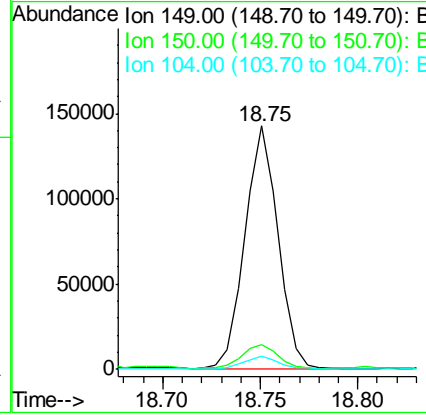
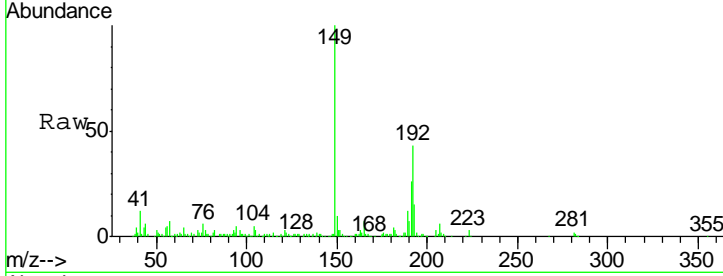




#73
 Di-n-butylphthalate
 Concen: 1.704 ng/ul
 RT: 18.75 min Scan# 2629
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

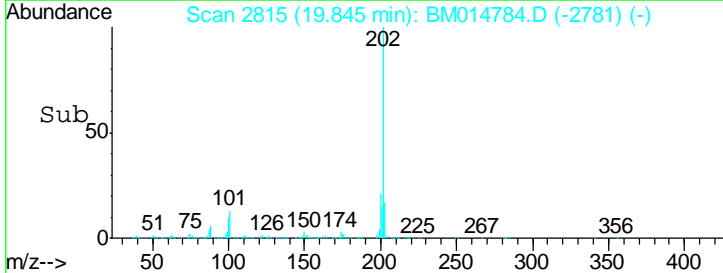
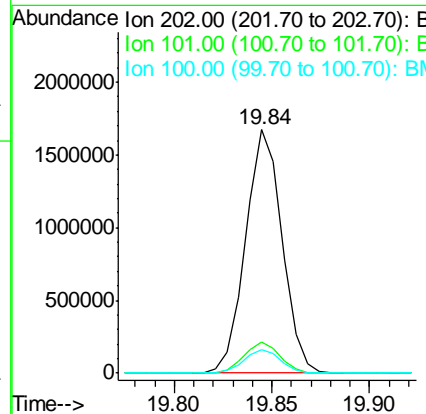
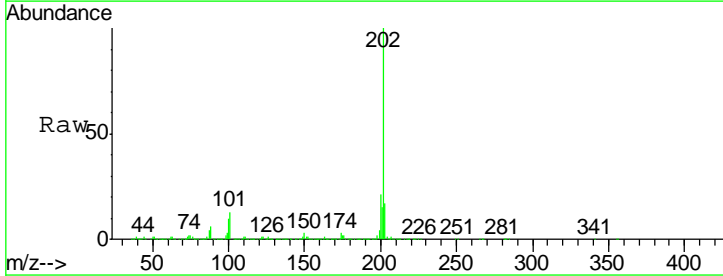
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 DASN7

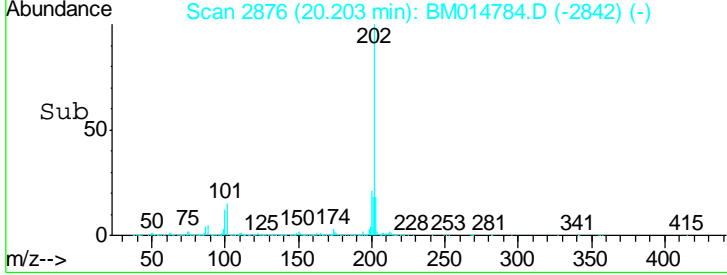
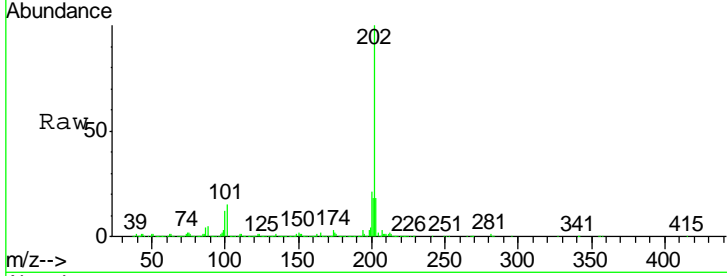
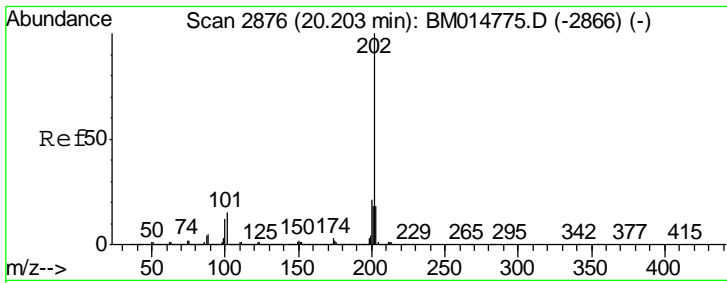
Tgt Ion	Resp	Lower	Upper
149	166196		
150	10.1	7.1	10.7
104	5.4	5.6	8.4#



#74
 Fluoranthene
 Concen: 21.420 ng/ul
 RT: 19.84 min Scan# 2815
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

Tgt Ion	Resp	Lower	Upper
202	2163249		
101	12.8	4.6	7.0#
100	9.6	3.4	5.2#





#77
 Pyrene
 Concen: 12.424 ng/ul
 RT: 20.20 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BM014784.D
 Acq: 23 Apr 2018 20:01

Instrument :
 BNA_M
ClientSampleId :
 DASN7

Tgt Ion: 202 Resp: 1255117

Ion	Ratio	Lower	Upper
202	100		
101	14.8	5.1	7.7#
100	12.1	4.9	7.3#

