

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008833.D
 Acq On : 24 Jan 2017 10:11
 Operator : UM/SJ
 Sample : I1323-12DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9Q5DL

Quant Time: Jan 24 10:48:34 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:28:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	58577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	267052	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	241832	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	572130	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	644247	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	484804	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.08	99	4269	0.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	17305	4.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	9936	3.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	6937	1.79	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	6810	4.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	7770	3.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	14966	3.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	823	0.17	ng/ul	0.04
43) Dimethylphthalate-d6	14.00	166	69185	4.37	ng/ul	0.02
46) Acenaphthylene-d8	14.27	160	79950	4.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	4264	1.61	ng/ul	0.01
57) Fluorene-d10	15.56	176	67373	4.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.42	188	110334	4.41	ng/ul	0.00
76) Pyrene-d10	19.70	212	124114	4.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	85084	4.14	ng/ul	0.00

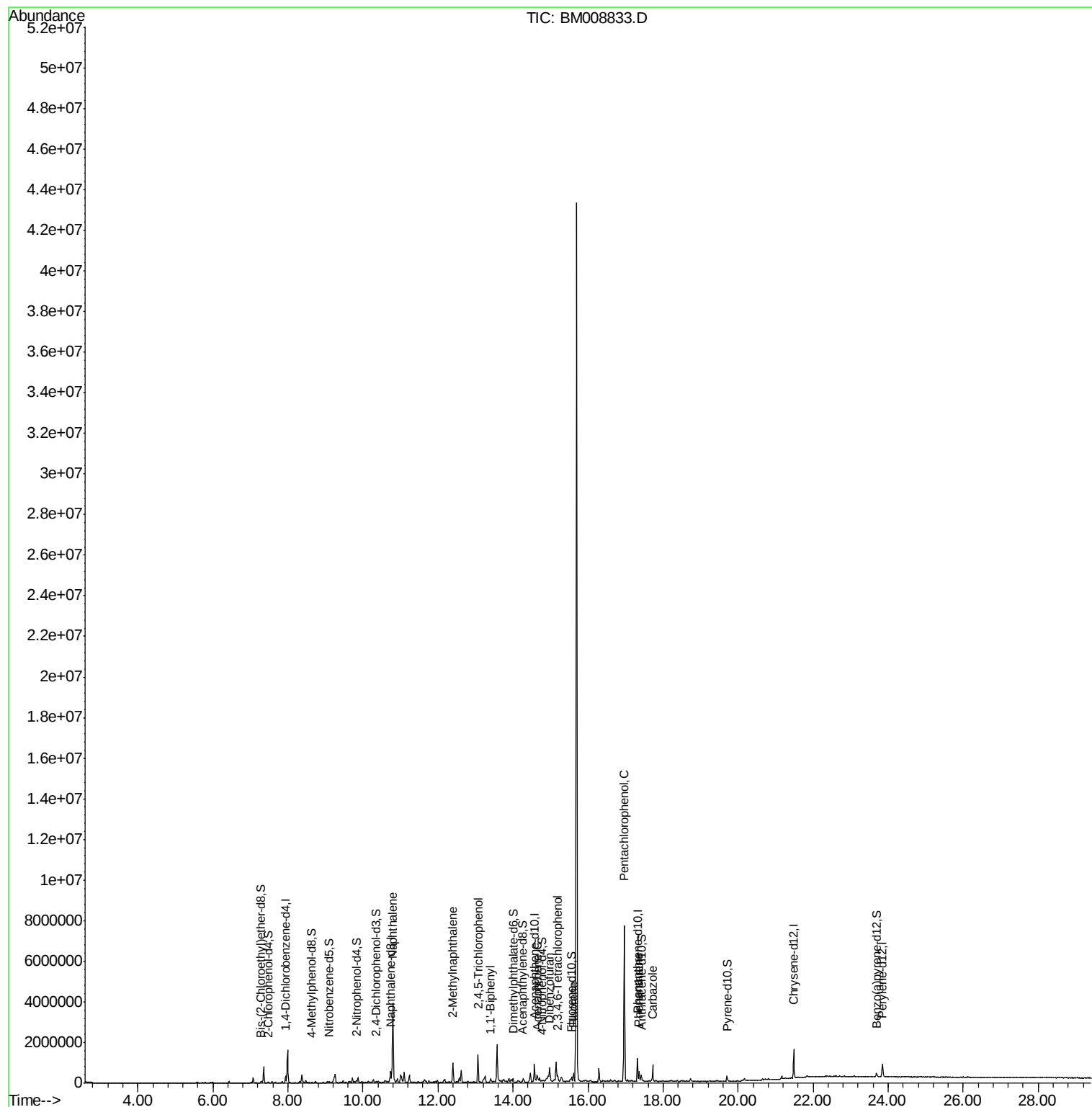
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.80	128	2112381	171.33	ng/ul	99
34) 2-Methylnaphthalene	12.40	142	321795	32.15	ng/ul	98
39) 2,4,5-Trichlorophenol	13.07	196	250175	51.95	ng/ul	96
40) 1,1'-Biphenyl	13.40	154	59740	4.00	ng/ul	96
49) Acenaphthene	14.64	153	81570	6.42	ng/ul	95
53) Dibenzofuran	14.97	168	168477	8.62	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.19	232	41945	8.67	ng/ul#	92
58) Fluorene	15.62	166	58931	3.61	ng/ul#	85
68) Pentachlorophenol	16.97	266	1019059	230.41	ng/ul	97
69) Phenanthrene	17.36	178	251509	8.93	ng/ul	98
72) Carbazole	17.72	167	440114	17.41	ng/ul	99

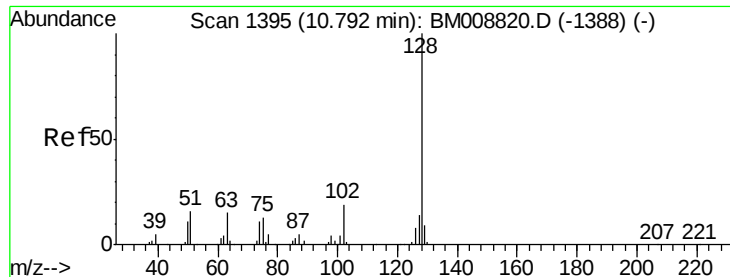
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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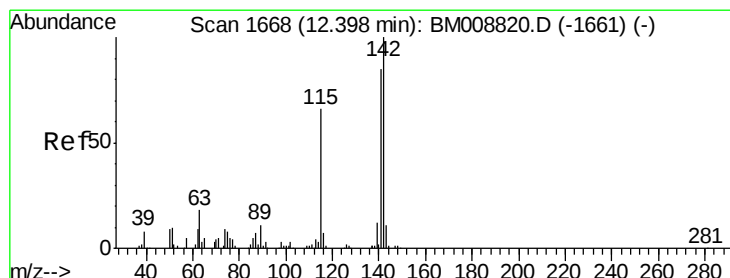
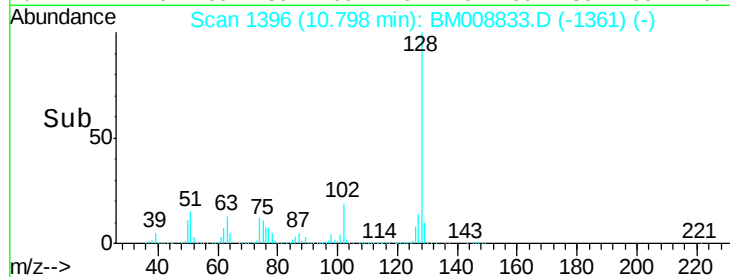
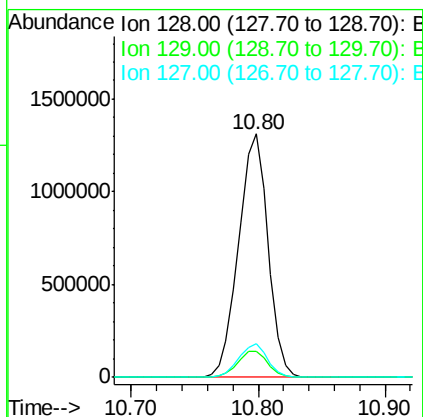
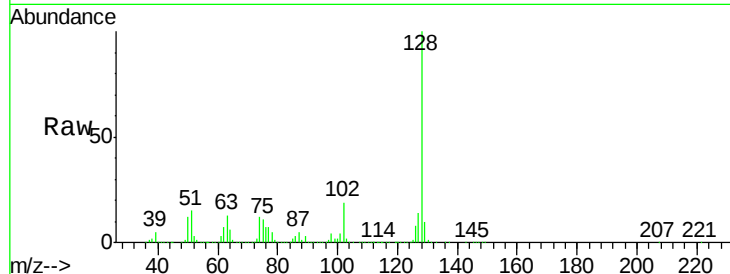




#28
Naphthalene
Concen: 171.33 ng/ul
RT: 10.80 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BM008833.D
Acq: 24 Jan 2017 10:11

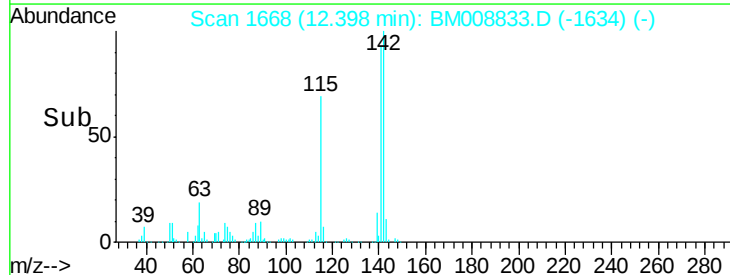
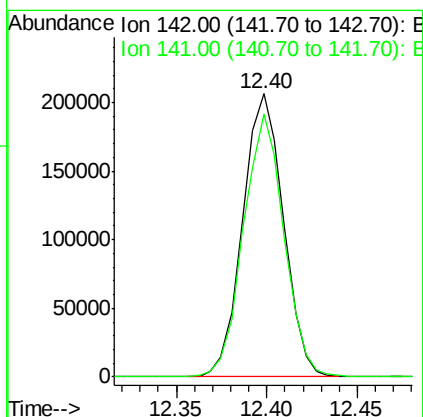
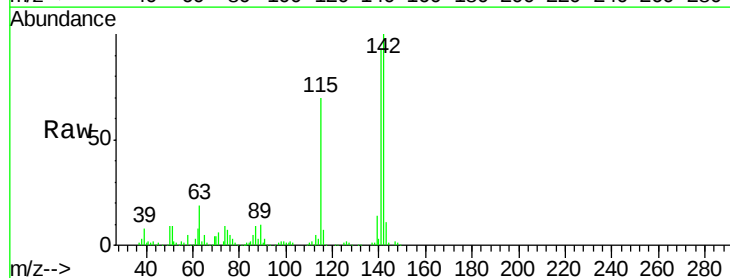
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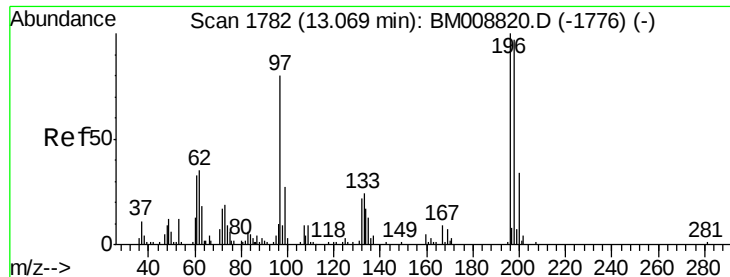
Tgt Ion:128 Resp: 2112381
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 13.6 10.6 16.0



#34
2-Methylnaphthalene
Concen: 32.15 ng/ul
RT: 12.40 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BM008833.D
Acq: 24 Jan 2017 10:11

Tgt Ion:142 Resp: 321795
Ion Ratio Lower Upper
142 100
141 93.0 73.0 109.4

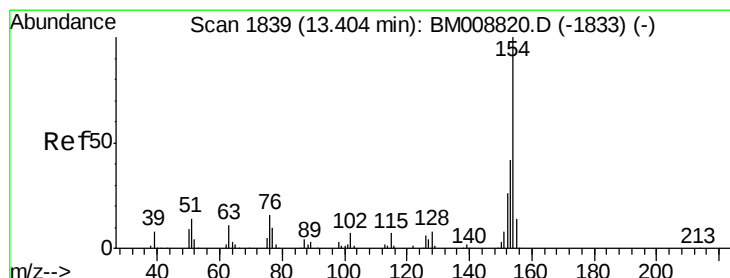
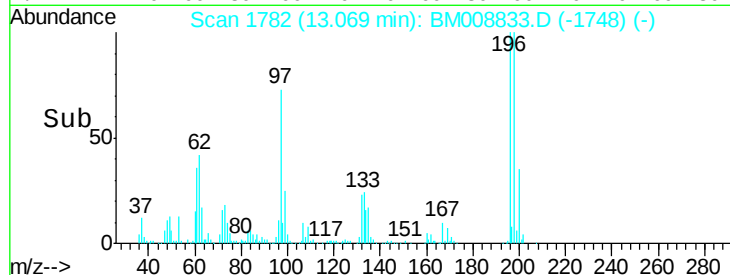
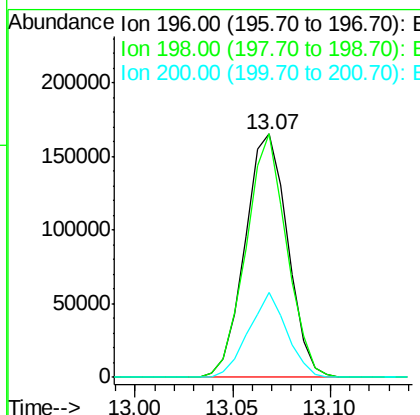
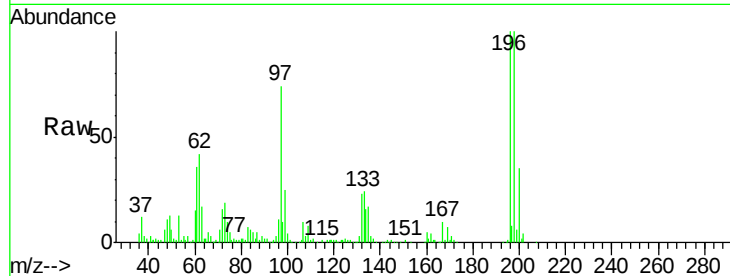




#39
 2,4,5-Trichlorophenol
 Concen: 51.95 ng/ul
 RT: 13.07 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BM008833.D
 Acq: 24 Jan 2017 10:11

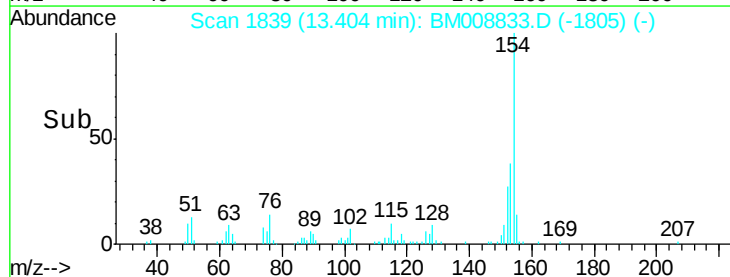
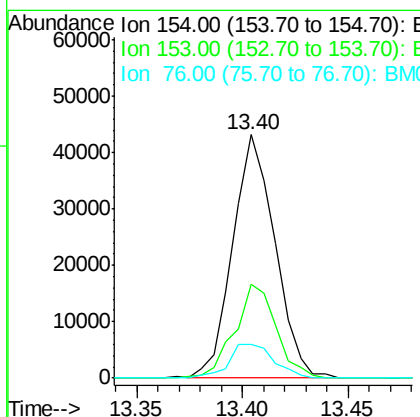
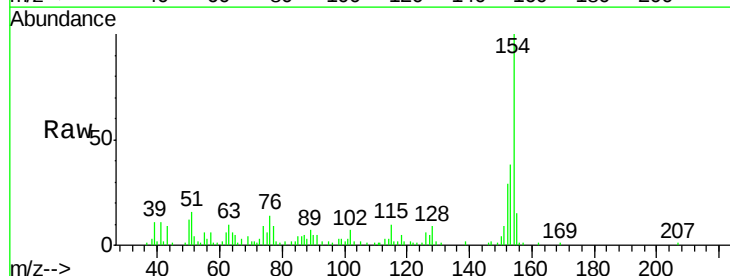
Instrument :
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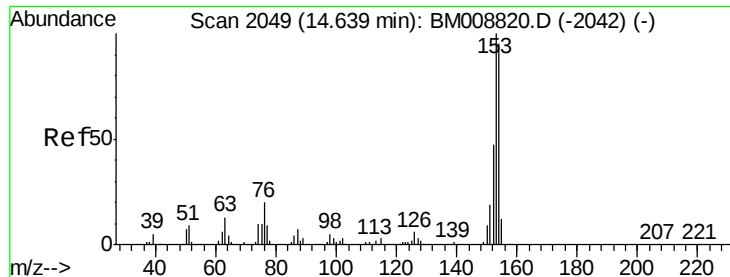
Tgt Ion:196 Resp: 250175
 Ion Ratio Lower Upper
 196 100
 198 99.9 77.8 116.6
 200 34.9 23.6 35.4



#40
 1,1'-Biphenyl
 Concen: 4.00 ng/ul
 RT: 13.40 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BM008833.D
 Acq: 24 Jan 2017 10:11

Tgt Ion:154 Resp: 59740
 Ion Ratio Lower Upper
 154 100
 153 38.3 32.2 48.4
 76 14.0 9.8 14.6





#49

Acenaphthene

Concen: 6.42 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM008833.D

Acq: 24 Jan 2017 10:11

Instrument :

BNA_M

ClientSampleId :

DA9Q5DL

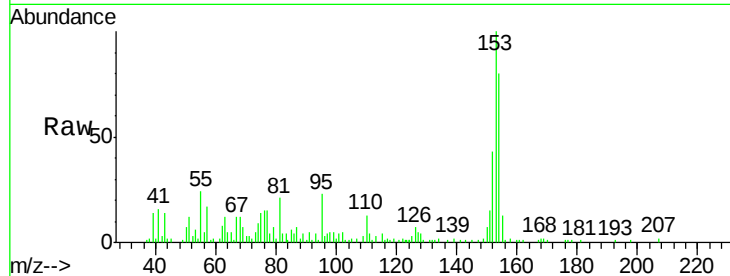
Tgt Ion:153 Resp: 81570

Ion Ratio Lower Upper

153 100

152 43.4 36.4 54.6

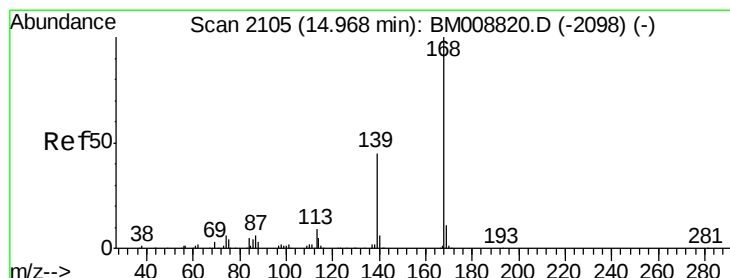
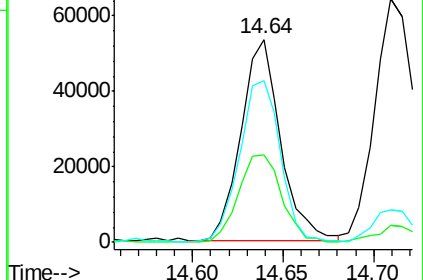
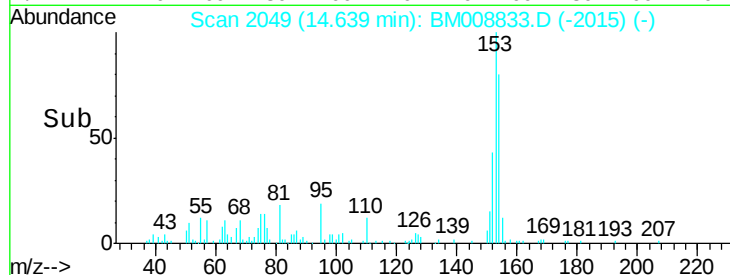
154 80.0 68.7 103.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 8.62 ng/ul

RT: 14.97 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM008833.D

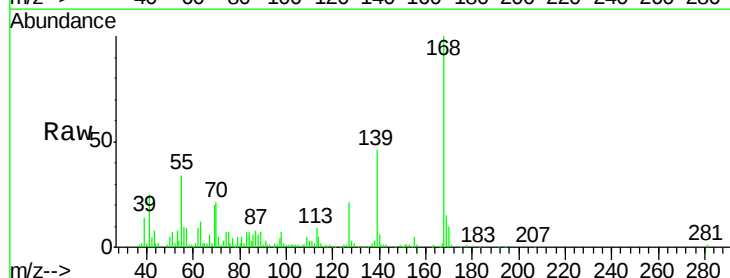
Acq: 24 Jan 2017 10:11

Tgt Ion:168 Resp: 168477

Ion Ratio Lower Upper

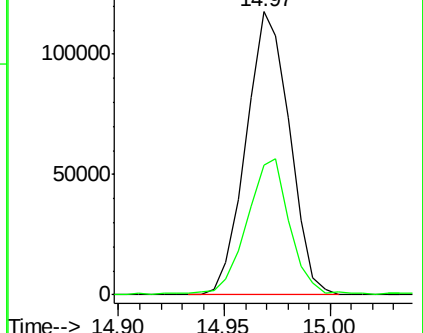
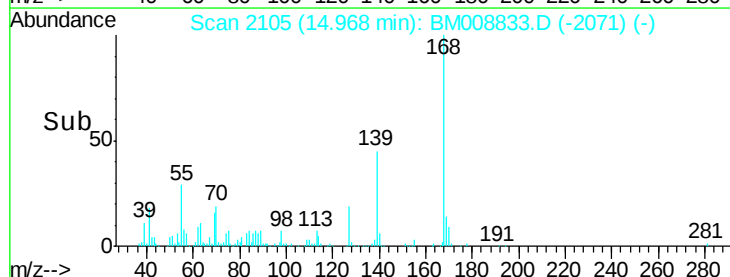
168 100

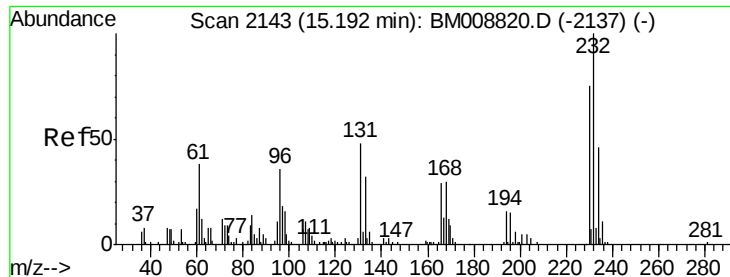
139 45.9 30.3 45.5#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

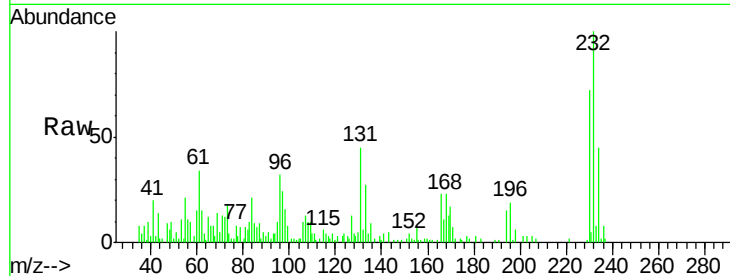




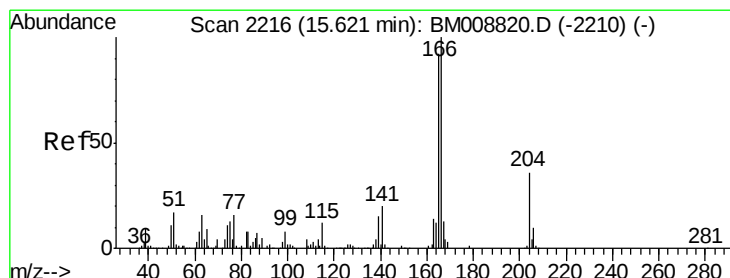
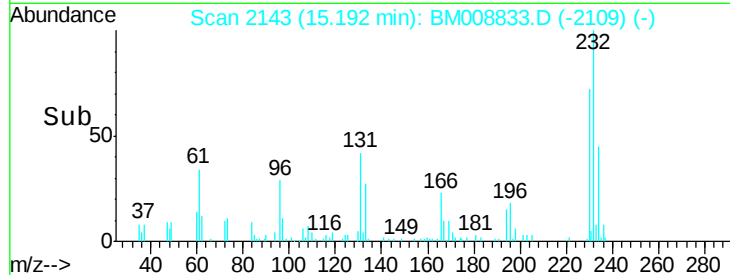
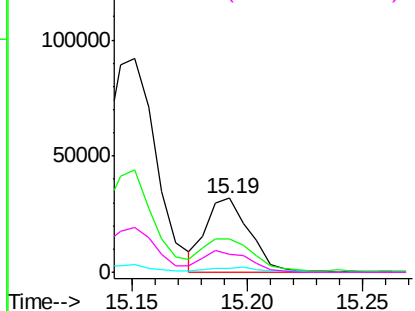
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 8.67 ng/ul
 RT: 15.19 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BM008833.D
 Acq: 24 Jan 2017 10:11

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Tgt Ion:232 Resp: 41945
 Ion Ratio Lower Upper
 232 100
 131 45.5 31.8 47.8
 130 5.2 1.8 2.6#
 166 23.4 21.6 32.4

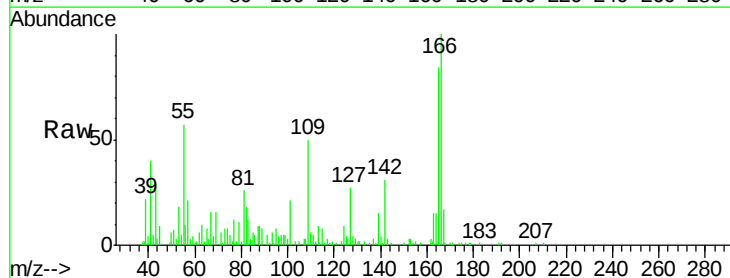


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

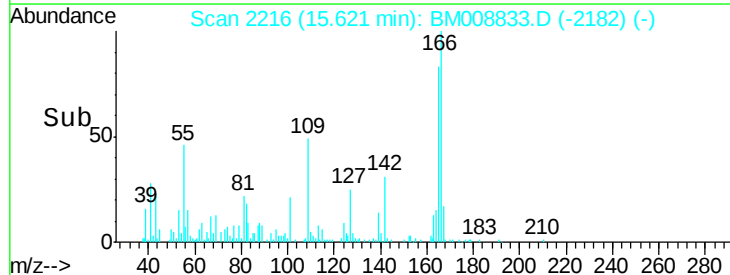
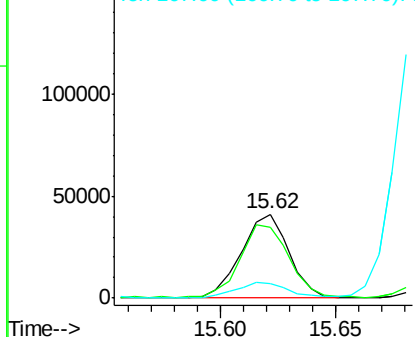


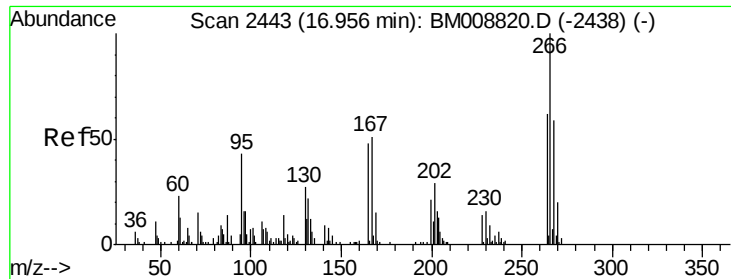
#58
 Fluorene
 Concen: 3.61 ng/ul
 RT: 15.62 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BM008833.D
 Acq: 24 Jan 2017 10:11

Tgt Ion:166 Resp: 58931
 Ion Ratio Lower Upper
 166 100
 165 83.9 80.2 120.2
 167 17.4 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

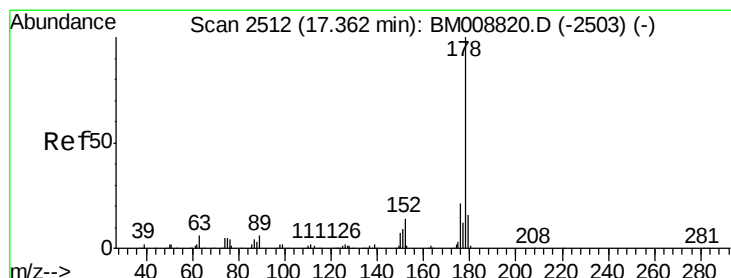
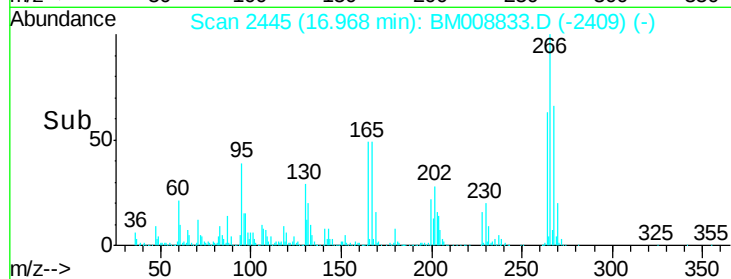
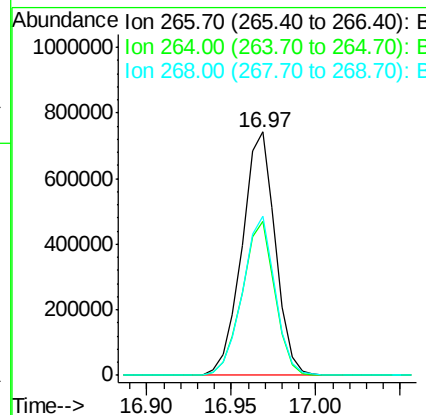
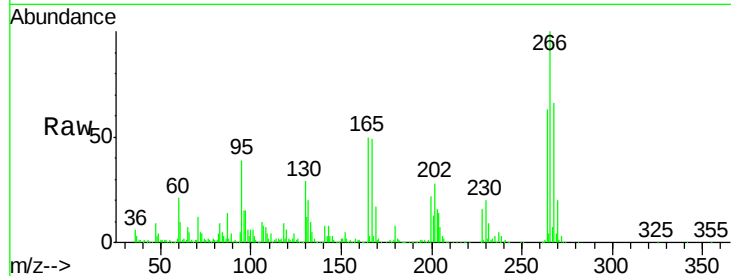




#68
 Pentachlorophenol
 Concen: 230.41 ng/ul
 RT: 16.97 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BM008833.D
 Acq: 24 Jan 2017 10:11

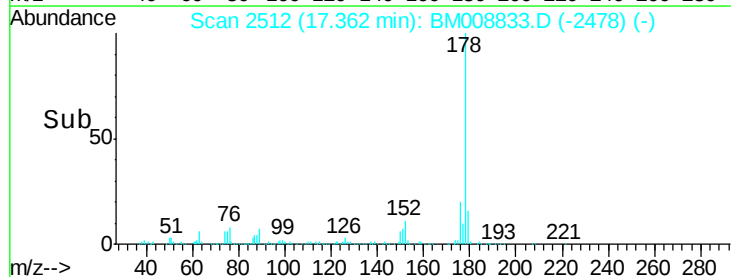
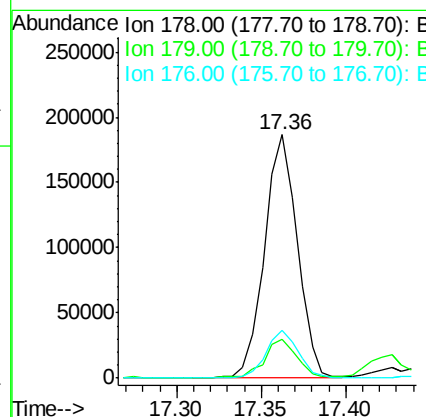
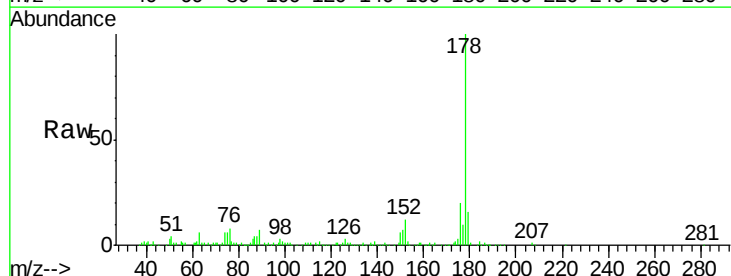
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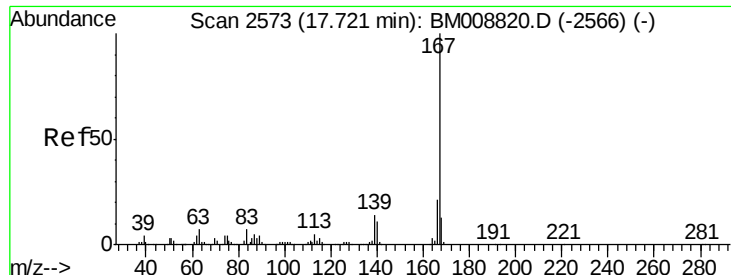
Tgt Ion:266 Resp: 1019059
 Ion Ratio Lower Upper
 266 100
 264 63.1 50.6 75.8
 268 65.5 49.1 73.7



#69
 Phenanthrene
 Concen: 8.93 ng/ul
 RT: 17.36 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BM008833.D
 Acq: 24 Jan 2017 10:11

Tgt Ion:178 Resp: 251509
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.2 18.2
 176 19.8 14.7 22.1

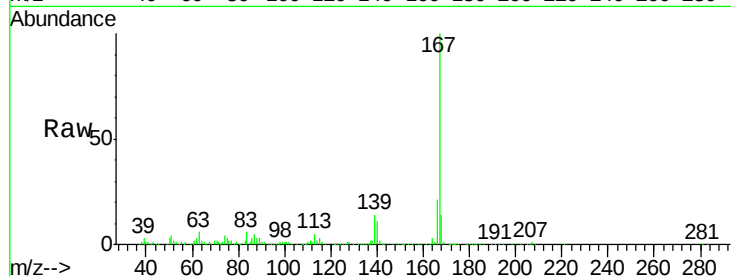




#72
 Carbazole
 Concen: 17.41 ng/ul
 RT: 17.72 min Scan# 2573
 Delta R.T. 0.00 min
 Lab File: BM008833.D
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Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.8	25.2
139	13.9	10.4	15.6



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

