

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008827.D
 Acq On : 24 Jan 2017 06:31
 Operator : UM/SJ
 Sample : I1323-21DL 25X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9R6DL2

Quant Time: Jan 24 07:14:35 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	65372	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	264569	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	204632	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	475914	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	578330	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	474020	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	7.09	99	1648	0.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	6675	1.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	4209	1.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	3718	0.86	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	2810	1.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	3095	1.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	5582	1.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	230	0.05	ng/ul	-0.09
43) Dimethylphthalate-d6	13.97	166	22828	1.70	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	24037	1.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	286	0.13	ng/ul	0.00
57) Fluorene-d10	15.56	176	21738	1.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	69155	24.40	ng/ul	0.00
70) Anthracene-d10	17.42	188	37974	1.82	ng/ul	0.00
76) Pyrene-d10	19.70	212	41465	1.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	31542	1.57	ng/ul	0.00

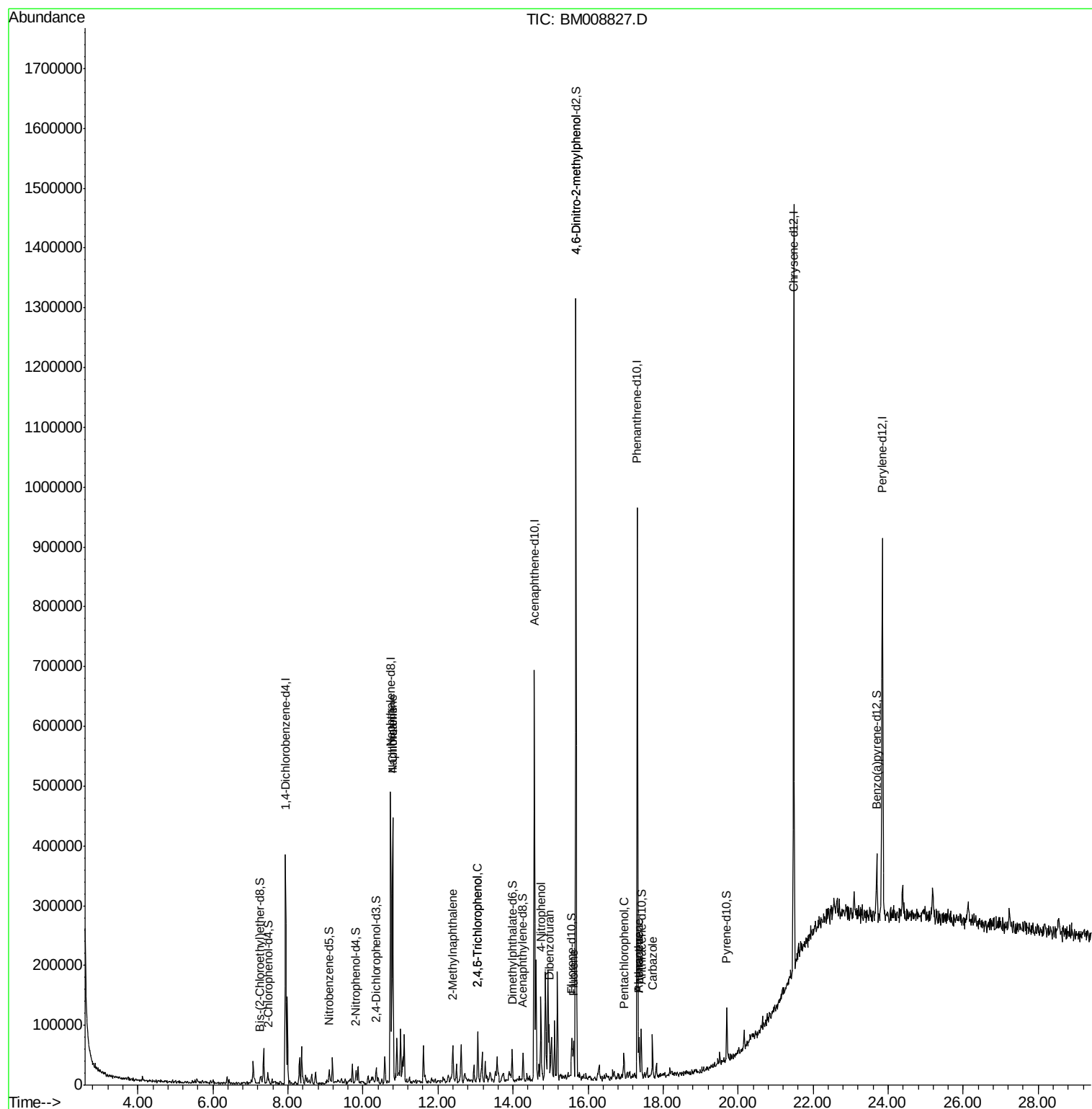
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.79	128	242278	19.84	ng/ul	98
30) 4-Chloroaniline	10.79	127	32578	6.82	ng/ul#	37
34) 2-Methylnaphthalene	12.40	142	22462	2.27	ng/ul	87
38) 2,4,6-Trichlorophenol	13.06	196	14310	3.77	ng/ul#	78
39) 2,4,5-Trichlorophenol	13.06	196	14310	3.51	ng/ul#	75
52) 4-Nitrophenol	14.74	109	31777	6.87	ng/ul#	1
53) Dibenzofuran	14.97	168	28070	1.70	ng/ul	94
58) Fluorene	15.62	166	20439	1.48	ng/ul#	96
63) 4,6-Dinitro-2-methylphenol	15.68	198	204538	69.77	ng/ul#	58
68) Pentachlorophenol	16.96	266	4242	1.15	ng/ul#	77
69) Phenanthrene	17.36	178	29147	1.24	ng/ul	96
71) Anthracene	17.36	178	29147	1.22	ng/ul	95
72) Carbazole	17.72	167	32478	1.54	ng/ul	95

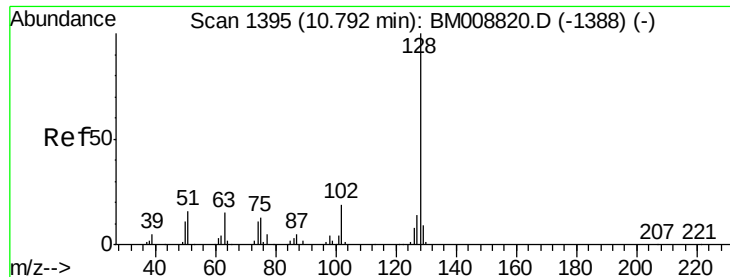
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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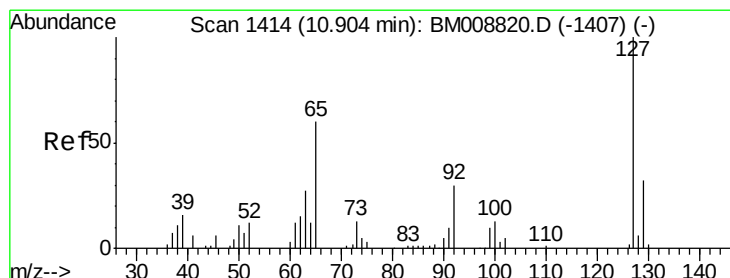
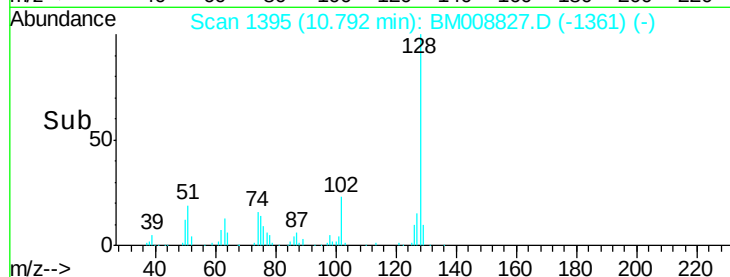
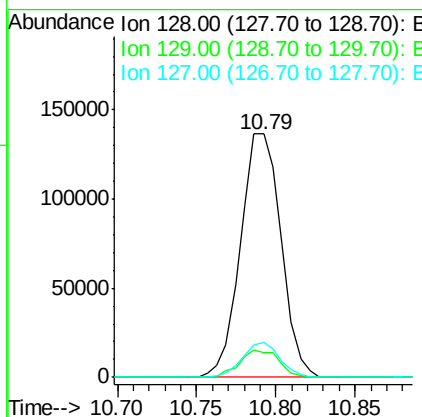
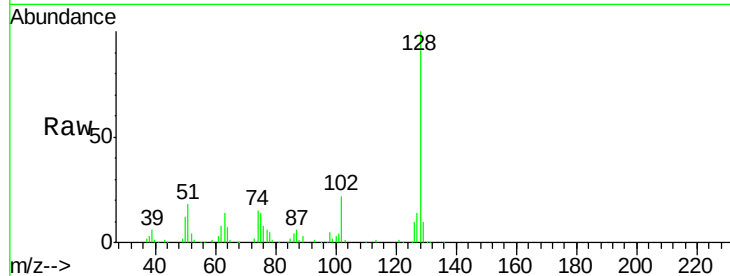




#28
Naphthalene
Concen: 19.84 ng/ul
RT: 10.79 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BM008827.D
Acq: 24 Jan 2017 06:31

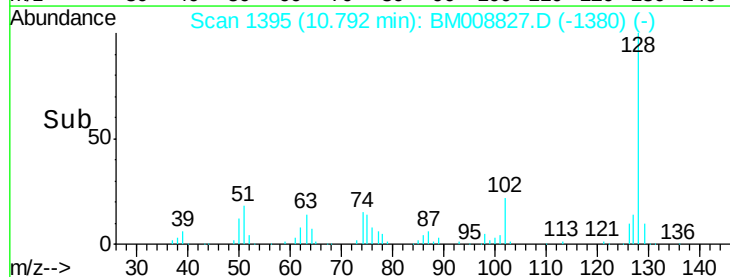
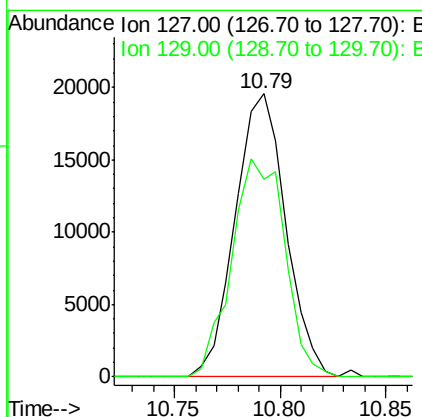
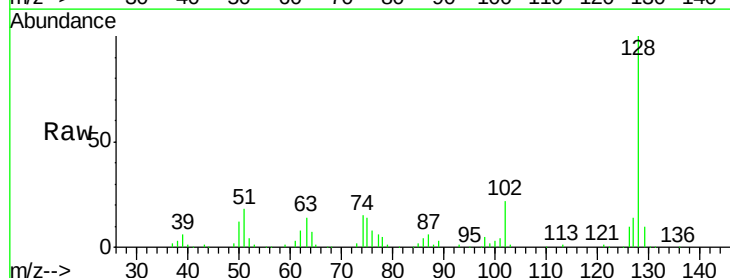
Instrument :
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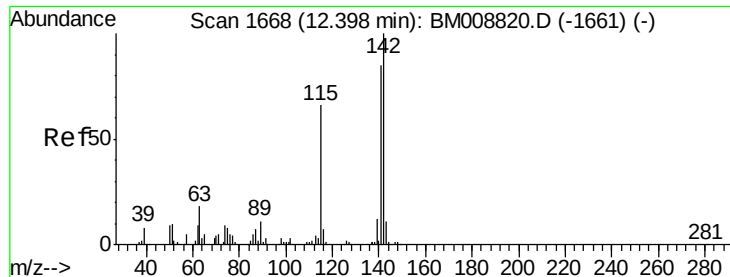
Tgt Ion:128 Resp: 242278
Ion Ratio Lower Upper
128 100
129 10.0 8.3 12.5
127 14.3 10.6 16.0



#30
4-Chloroaniline
Concen: 6.82 ng/ul
RT: 10.79 min Scan# 1395
Delta R.T. -0.11 min
Lab File: BM008827.D
Acq: 24 Jan 2017 06:31

Tgt Ion:127 Resp: 32578
Ion Ratio Lower Upper
127 100
129 70.0 27.1 40.7#

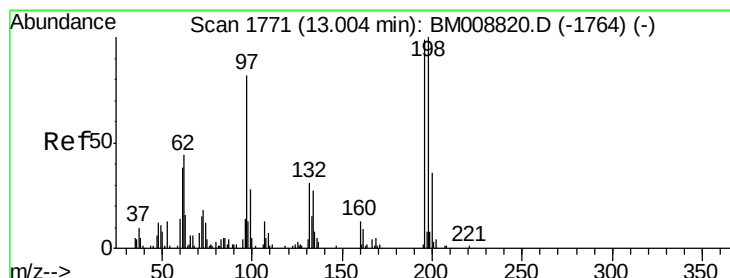
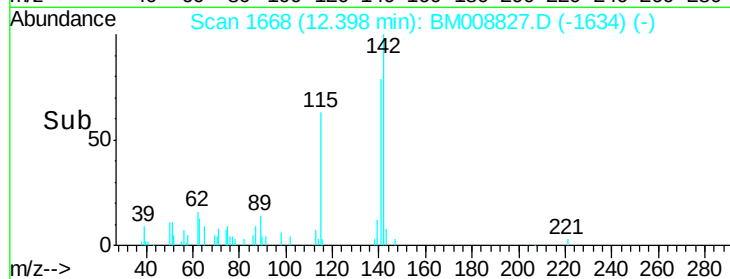
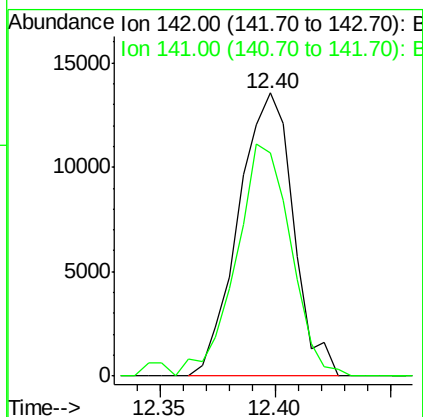
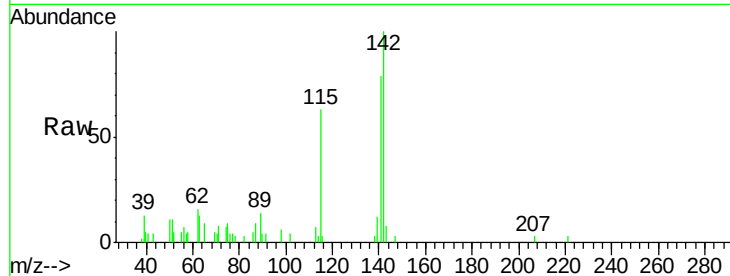




#34
2-Methylnaphthalene
Concen: 2.27 ng/ul
RT: 12.40 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BM008827.D
Acq: 24 Jan 2017 06:31

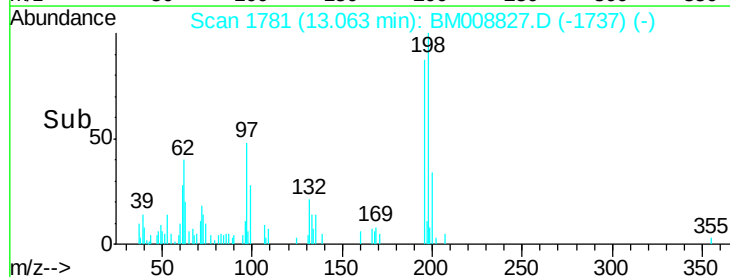
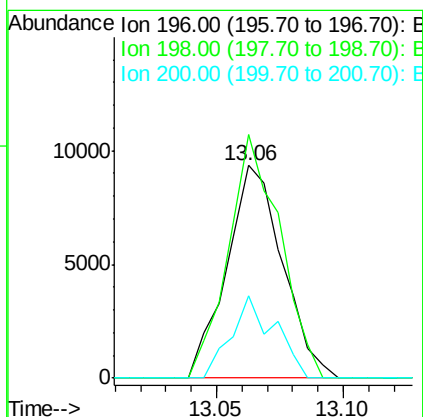
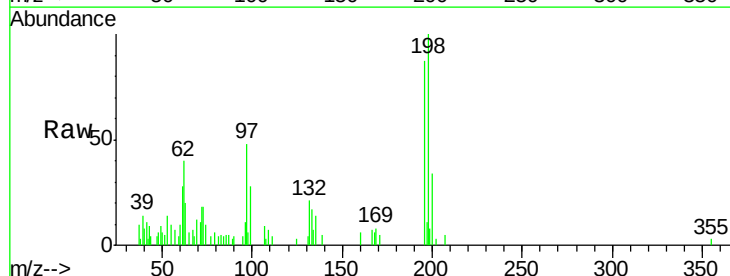
Instrument :
BNA_M
ClientSampleId :
DA9R6DL2

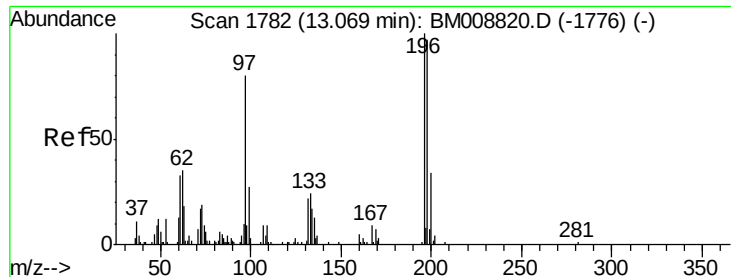
Tgt Ion:142 Resp: 22462
Ion Ratio Lower Upper
142 100
141 78.8 73.0 109.4



#38
2,4,6-Trichlorophenol
Concen: 3.77 ng/ul
RT: 13.06 min Scan# 1781
Delta R.T. 0.06 min
Lab File: BM008827.D
Acq: 24 Jan 2017 06:31

Tgt Ion:196 Resp: 14310
Ion Ratio Lower Upper
196 100
198 123.9 78.8 118.2#
200 38.6 25.7 38.5#

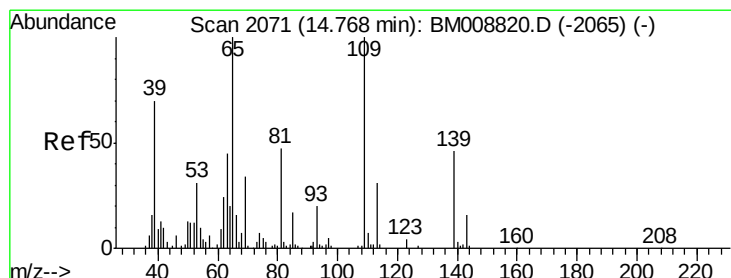
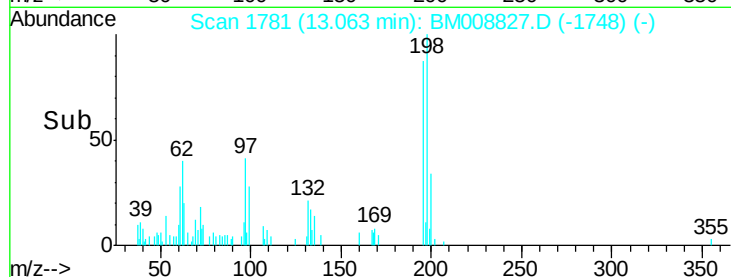
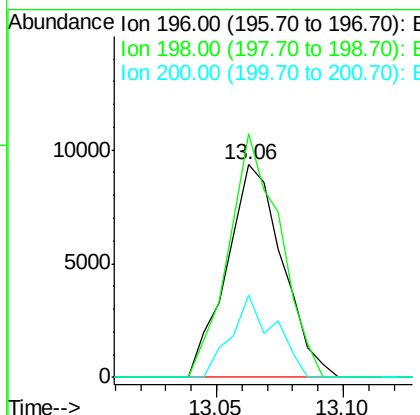
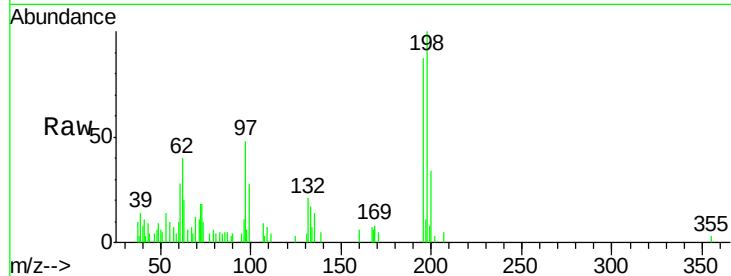




#39
 2,4,5-Trichlorophenol
 Concen: 3.51 ng/ul
 RT: 13.06 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BM008827.D
 Acq: 24 Jan 2017 06:31

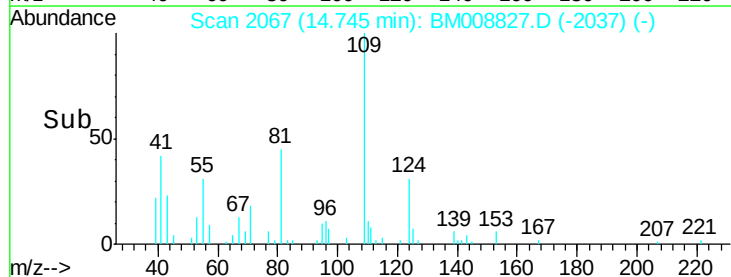
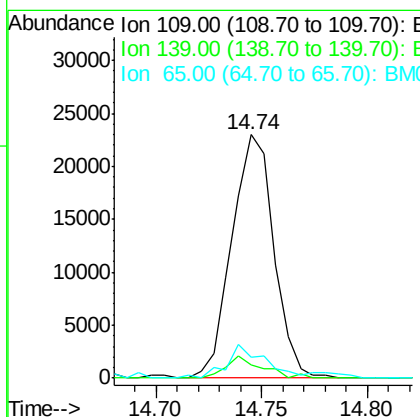
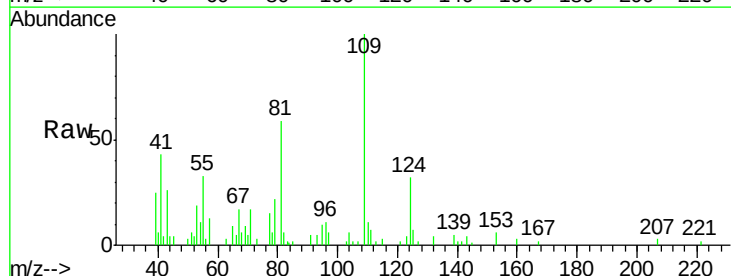
Instrument :
 BNA_M
 ClientSampleID :
 DA9R6DL2

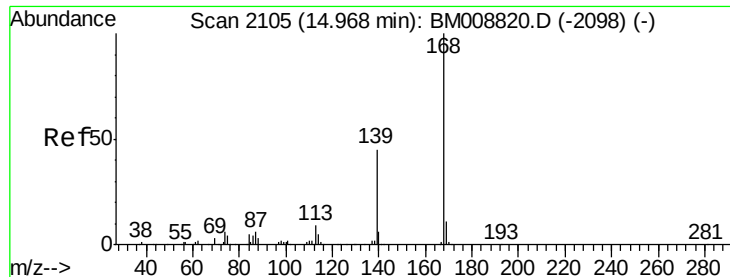
Tgt Ion:196 Resp: 14310
 Ion Ratio Lower Upper
 196 100
 198 123.9 77.8 116.6#
 200 38.6 23.6 35.4#



#52
 4-Nitrophenol
 Concen: 6.87 ng/ul
 RT: 14.74 min Scan# 2067
 Delta R.T. -0.02 min
 Lab File: BM008827.D
 Acq: 24 Jan 2017 06:31

Tgt Ion:109 Resp: 31777
 Ion Ratio Lower Upper
 109 100
 139 5.3 85.4 128.2#
 65 8.5 97.7 146.5#





#53

Dibenzenofuran

Concen: 1.70 ng/ul

RT: 14.97 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BM008827.D

Acq: 24 Jan 2017 06:31

Instrument :

BNA_M

ClientSampleId :

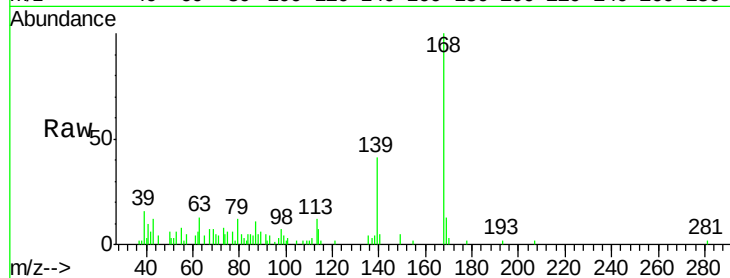
DA9R6DL2

Tgt Ion:168 Resp: 28070

Ion Ratio Lower Upper

168 100

139 41.5 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.97

20000

15000

10000

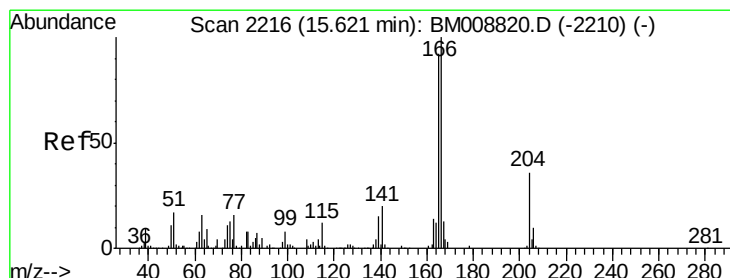
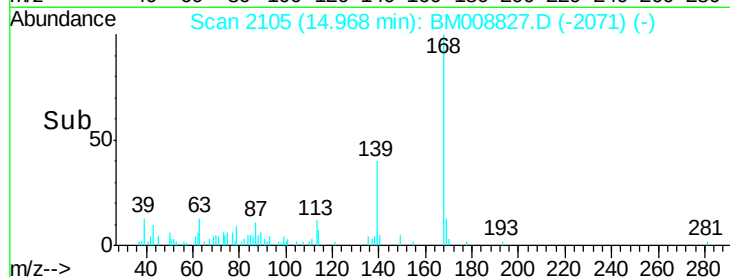
5000

0

14.95

15.00

Time-->



#58

Fluorene

Concen: 1.48 ng/ul

RT: 15.62 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM008827.D

Acq: 24 Jan 2017 06:31

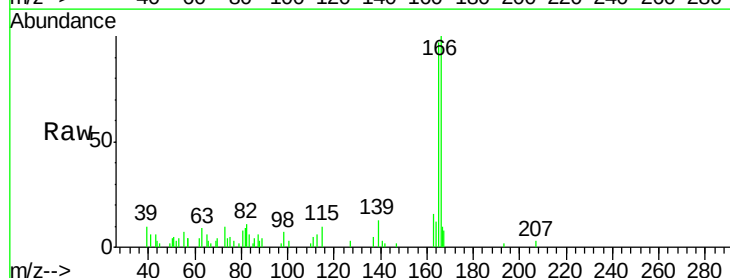
Tgt Ion:166 Resp: 20439

Ion Ratio Lower Upper

166 100

165 96.8 80.2 120.2

167 18.3 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

15.62

20000

15000

10000

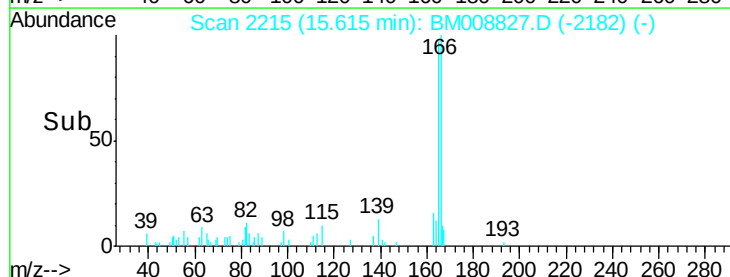
5000

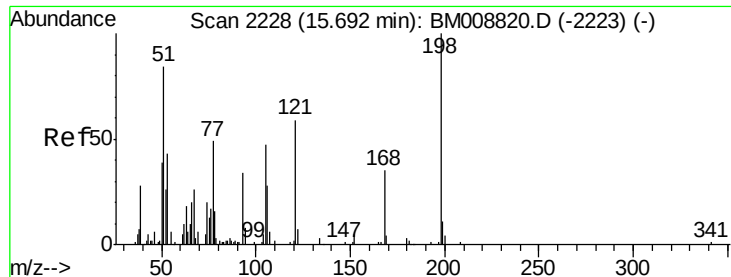
0

15.60

15.65

Time-->

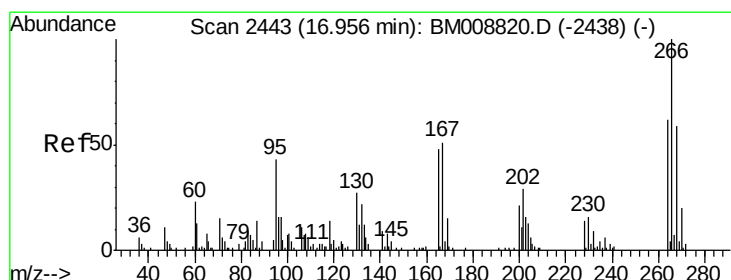
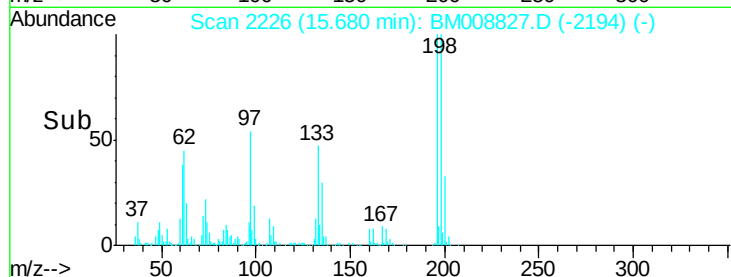
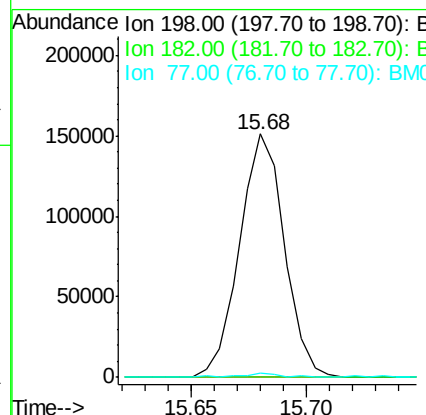
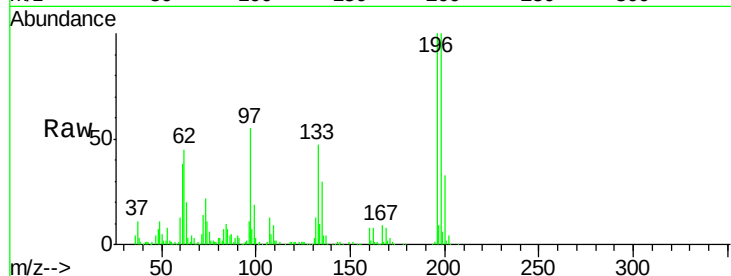




#63
 4,6-Dinitro-2-methylphenol
 Concen: 69.77 ng/ul
 RT: 15.68 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BM008827.D
 Acq: 24 Jan 2017 06:31

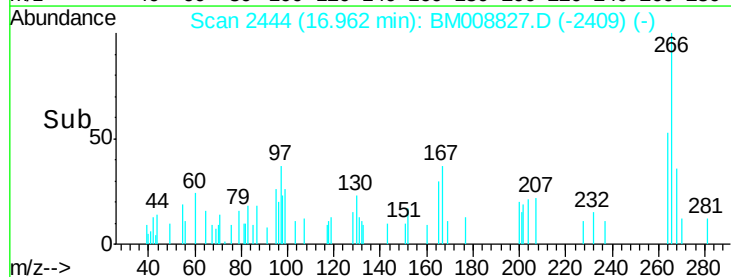
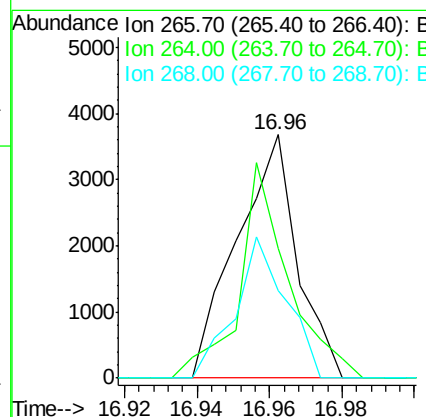
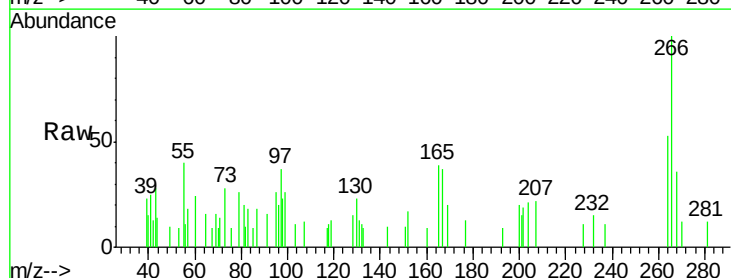
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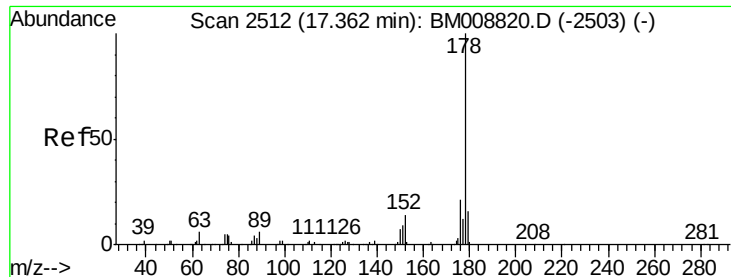
Tgt Ion:198 Resp: 204538
 Ion Ratio Lower Upper
 198 100
 182 0.0 4.4 6.6#
 77 1.5 20.5 30.7#



#68
 Pentachlorophenol
 Concen: 1.15 ng/ul
 RT: 16.96 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BM008827.D
 Acq: 24 Jan 2017 06:31

Tgt Ion:266 Resp: 4242
 Ion Ratio Lower Upper
 266 100
 264 53.4 50.6 75.8
 268 36.1 49.1 73.7#

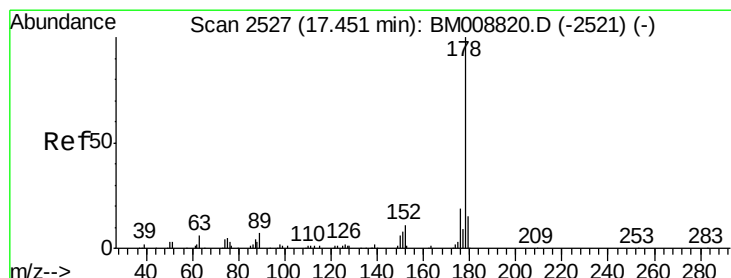
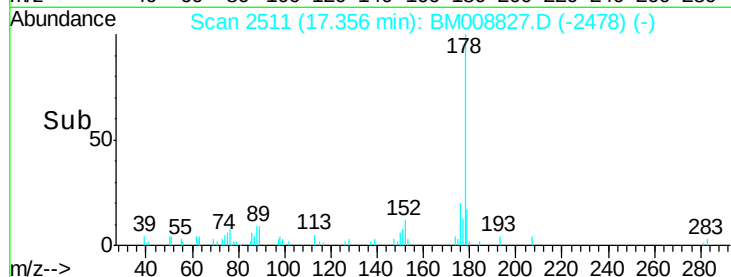
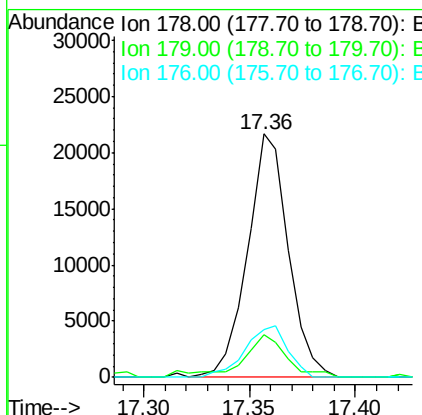
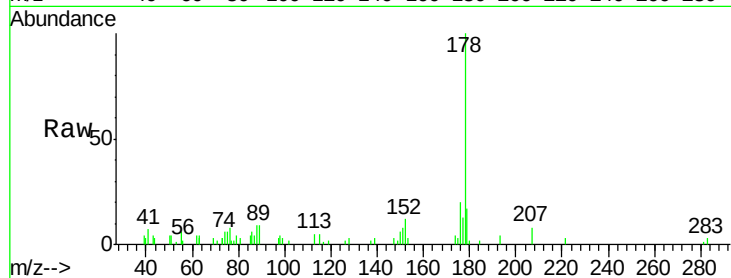




#69
Phenanthrene
Concen: 1.24 ng/ul
RT: 17.36 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BM008827.D
Acq: 24 Jan 2017 06:31

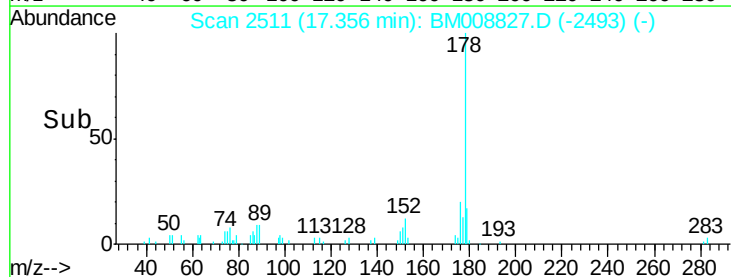
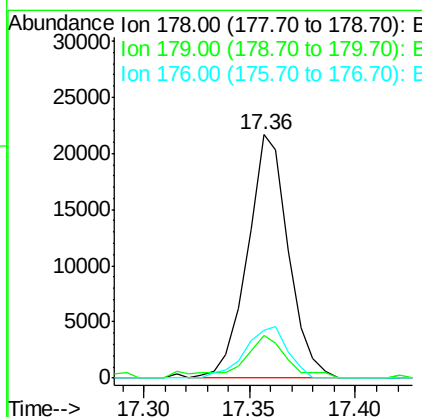
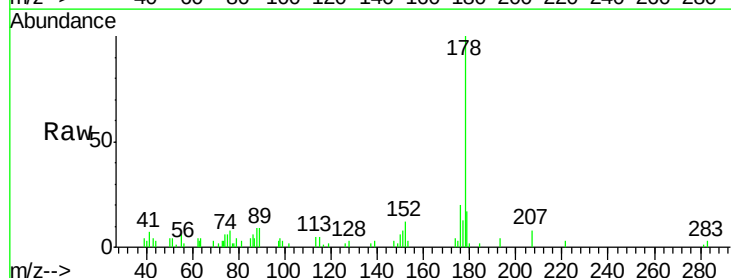
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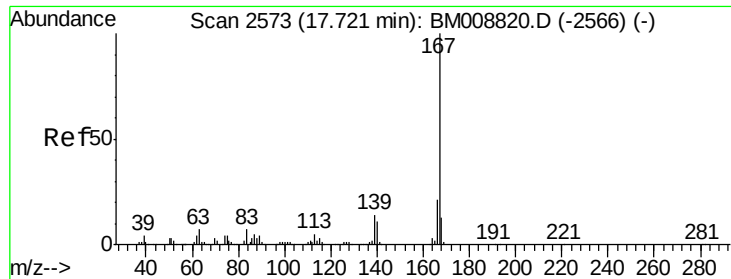
Tgt Ion:178 Resp: 29147
Ion Ratio Lower Upper
178 100
179 17.4 12.2 18.2
176 19.7 14.7 22.1



#71
Anthracene
Concen: 1.22 ng/ul
RT: 17.36 min Scan# 2511
Delta R.T. -0.09 min
Lab File: BM008827.D
Acq: 24 Jan 2017 06:31

Tgt Ion:178 Resp: 29147
Ion Ratio Lower Upper
178 100
179 17.4 11.8 17.8
176 19.7 14.6 21.8





#72

Carbazole

Concen: 1.54 ng/ul

RT: 17.72 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BM008827.D

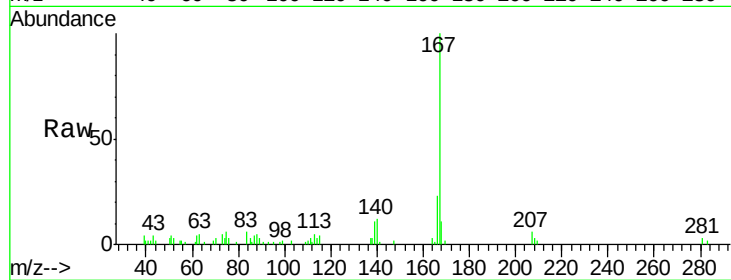
Acq: 24 Jan 2017 06:31

Instrument :

BNA_M

ClientSampleId :

DA9R6DL2



Tgt Ion:167 Resp: 32478

Ion Ratio Lower Upper

167 100

166 23.5 16.8 25.2

139 10.9 10.4 15.6

