

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
 Data File : BM008380.D
 Acq On : 16 Dec 2016 19:13
 Operator : UM/SJ
 Sample : H6039-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S6

Quant Time: Dec 17 02:18:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 17 02:12:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	111504	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	434515	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	297433	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	600143	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	749879	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	763753	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	29368	12.39	ng/uL	-0.02
5) Phenol-d5	6.86	99	70677	8.17	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.01	67	161002	32.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	183218	28.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	124954	18.65	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	118074	37.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	124957	35.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	214138	33.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	94449	12.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	729557	36.90	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	852730	36.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	607	0.21	ng/ul	-0.01
57) Fluorene-d10	15.30	176	630048	36.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	117228	32.82	ng/ul	0.00
70) Anthracene-d10	17.16	188	1037450	39.68	ng/ul	0.00
76) Pyrene-d10	19.46	212	1282695	44.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1335169	41.63	ng/ul	0.00

Target Compounds

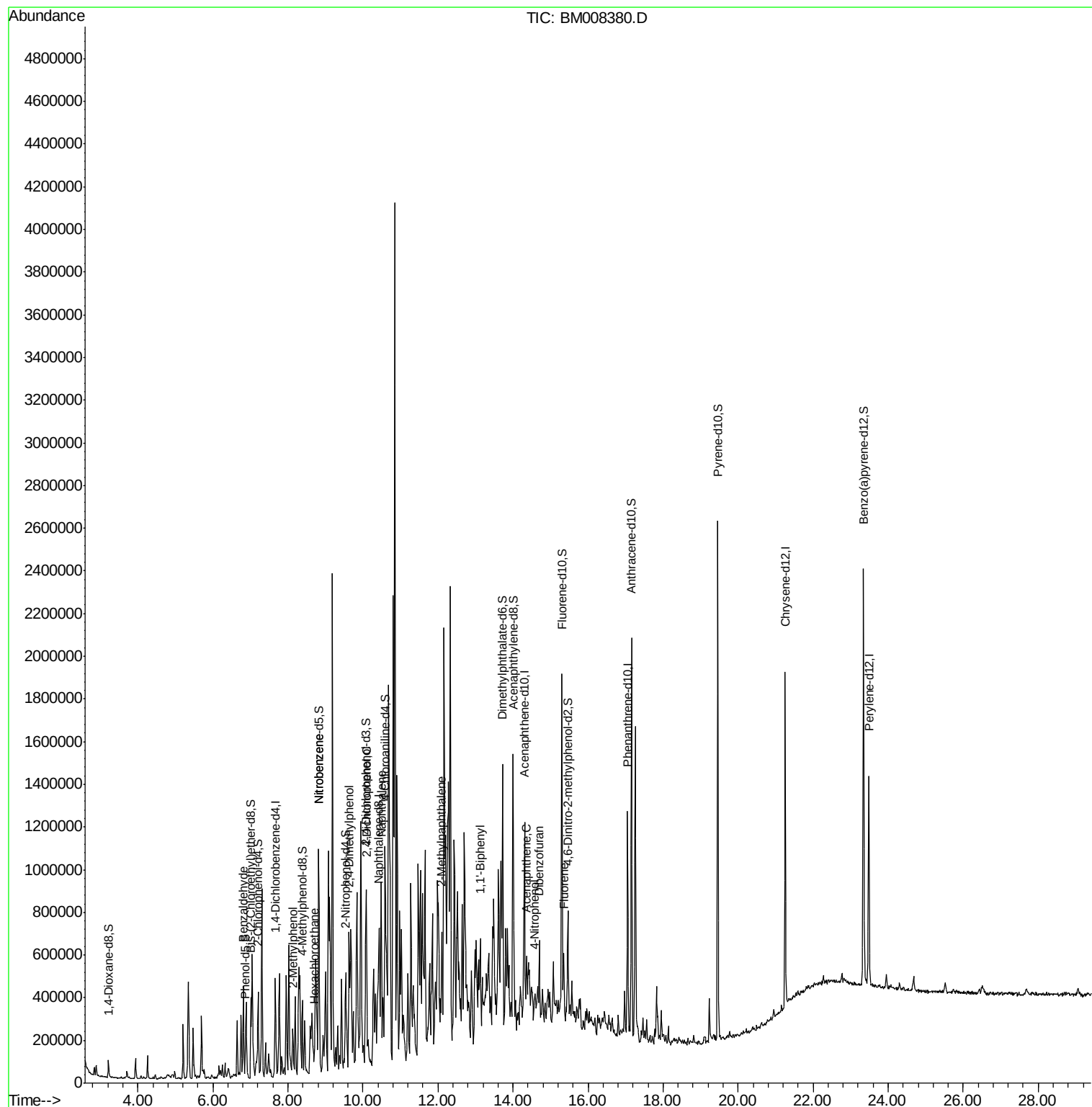
						Qvalue
4) Benzaldehyde	6.81	77	29172	5.10	ng/ul#	1
11) 2-Methylphenol	8.12	108	34616	5.27	ng/ul	99
17) Hexachloroethane	8.70	117	5572	1.86	ng/ul#	3
20) Nitrobenzene	8.83	77	21109	2.61	ng/ul#	14
24) 2,4-Dimethylphenol	9.63	107	183697	23.11	ng/ul	95
27) 2,4-Dichlorophenol	10.10	162	81466	12.68	ng/ul#	33
28) Naphthalene	10.49	128	524367	25.49	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	212044	14.27	ng/ul	99
40) 1,1'-Biphenyl	13.13	154	191066	9.63	ng/ul	99
49) Acenaphthene	14.37	153	60281	3.69	ng/ul	97
52) 4-Nitrophenol	14.58	109	3986	1.43	ng/ul#	46
53) Dibenzofuran	14.71	168	78198	3.28	ng/ul	99
58) Fluorene	15.36	166	51369	2.63	ng/ul#	99

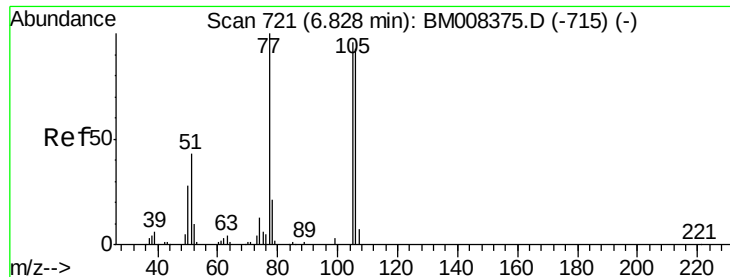
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 02:12:55 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 5.10 ng/ul

RT: 6.81 min Scan# 718

Delta R.T. -0.02 min

Lab File: BM008380.D

Acq: 16 Dec 2016 19:13

Instrument :

BNA_M

ClientSampleId :

DA8S6

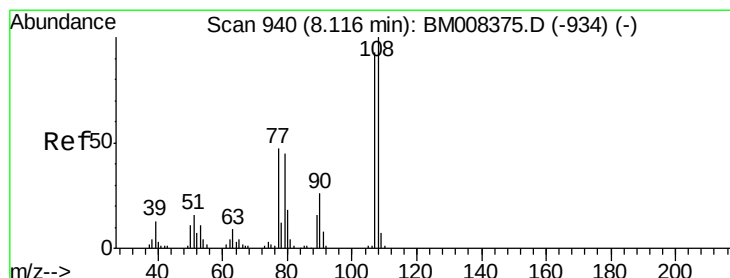
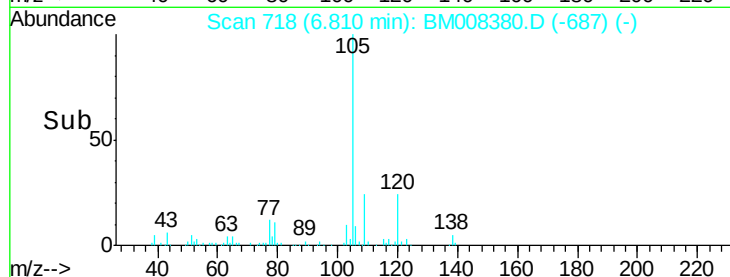
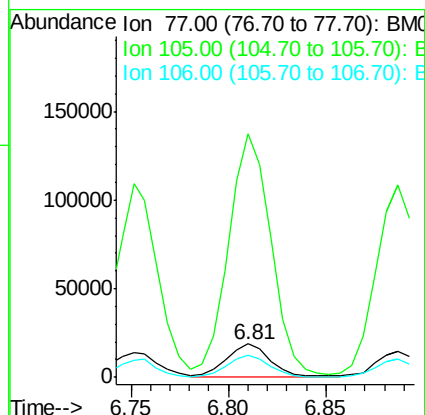
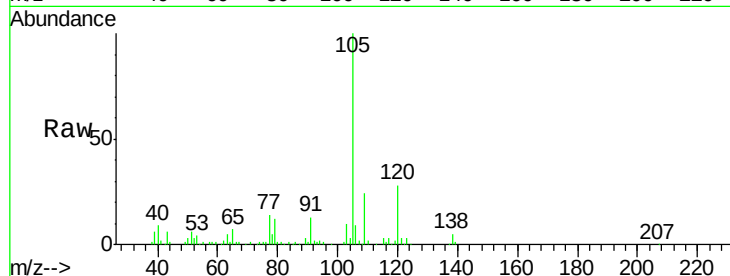
Tgt Ion: 77 Resp: 29172

Ion Ratio Lower Upper

77 100

105 724.4 70.2 105.4#

106 65.4 66.6 99.8#



#11

2-Methylphenol

Concen: 5.27 ng/ul

RT: 8.12 min Scan# 941

Delta R.T. 0.01 min

Lab File: BM008380.D

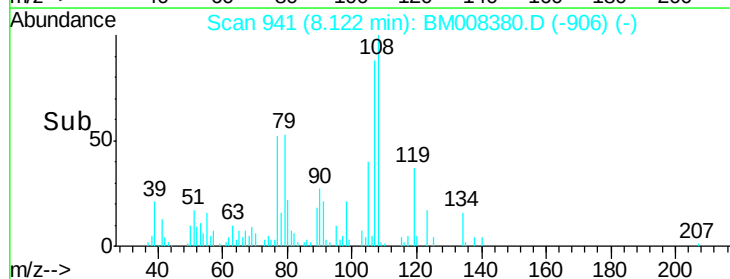
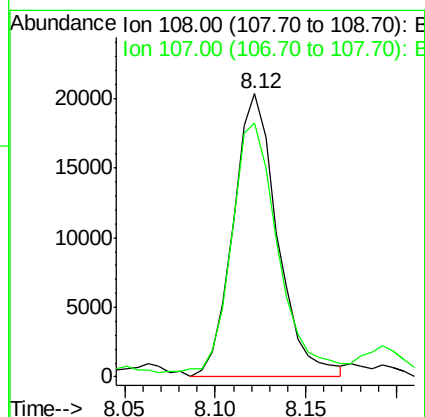
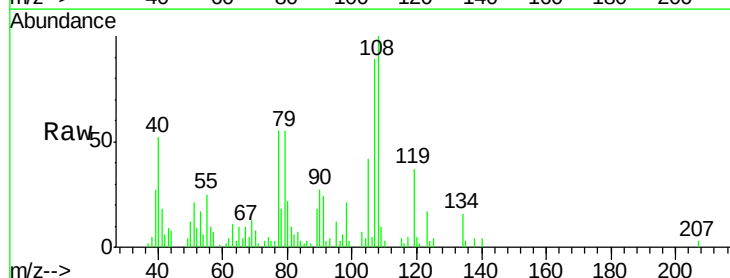
Acq: 16 Dec 2016 19:13

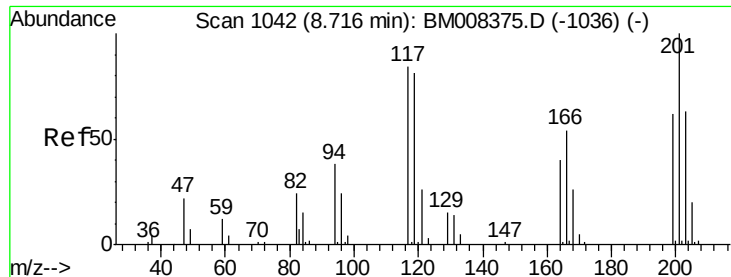
Tgt Ion: 108 Resp: 34616

Ion Ratio Lower Upper

108 100

107 89.5 70.8 106.2

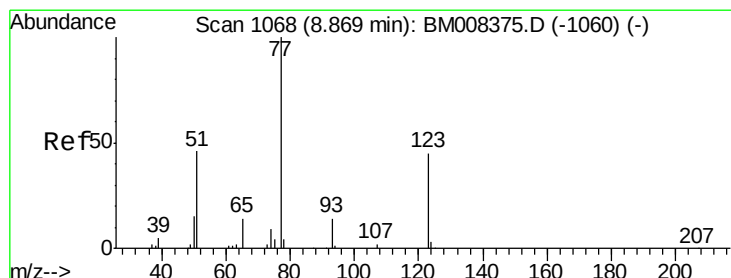
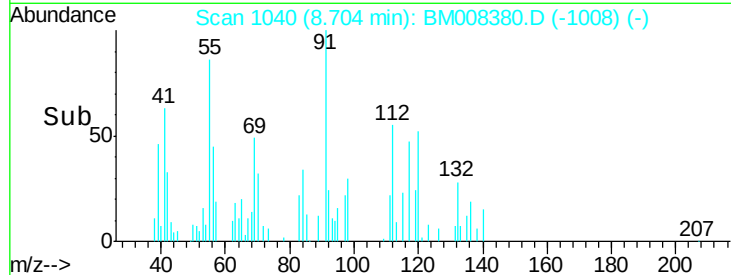
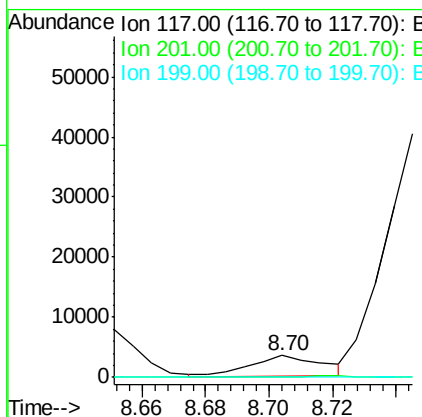
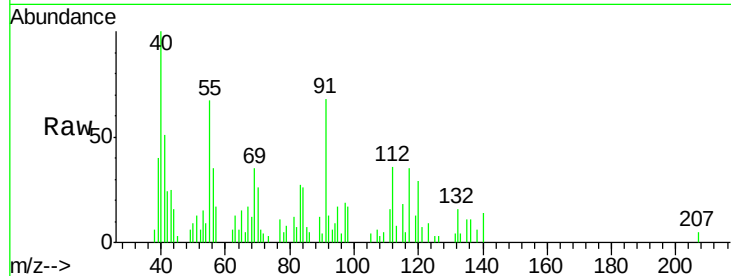




#17
 Hexachloroethane
 Concen: 1.86 ng/ul
 RT: 8.70 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BM008380.D
 Acq: 16 Dec 2016 19:13

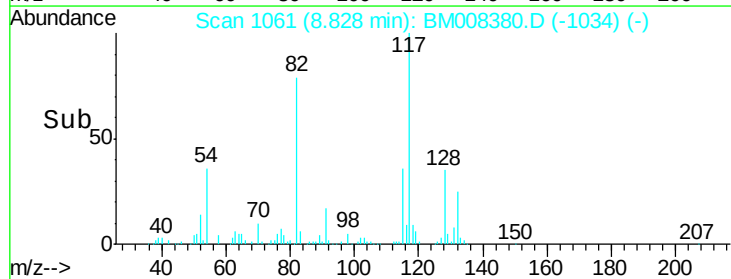
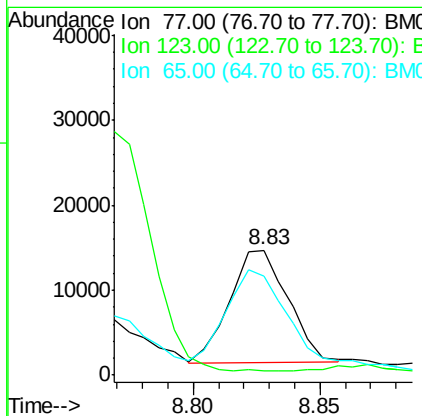
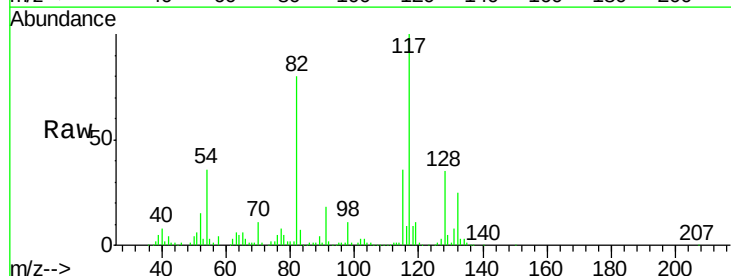
Instrument :
 BNA_M
 ClientSampleId :
 DA8S6

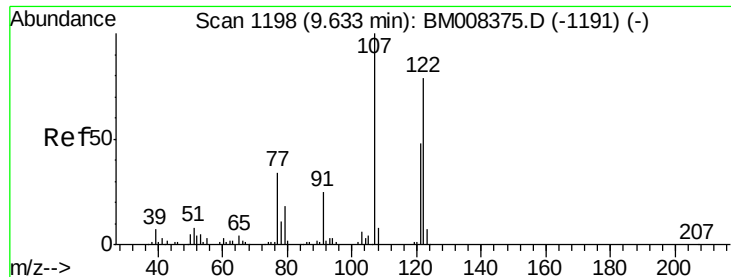
Tgt Ion: 117 Resp: 5572
 Ion Ratio Lower Upper
 117 100
 201 0.0 88.1 132.1#
 199 0.0 54.9 82.3#



#20
 Nitrobenzene
 Concen: 2.61 ng/ul
 RT: 8.83 min Scan# 1061
 Delta R.T. -0.04 min
 Lab File: BM008380.D
 Acq: 16 Dec 2016 19:13

Tgt Ion: 77 Resp: 21109
 Ion Ratio Lower Upper
 77 100
 123 3.2 32.1 48.1#
 65 79.8 10.6 15.8#





#24

2,4-Dimethylphenol

Concen: 23.11 ng/ul

RT: 9.63 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM008380.D

Acq: 16 Dec 2016 19:13

Instrument :

BNA_M

ClientSampleId :

DA8S6

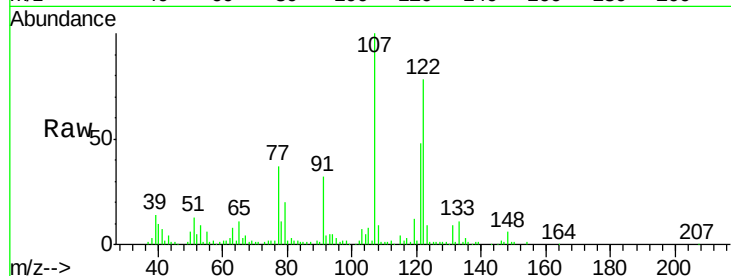
Tgt Ion:107 Resp: 183697

Ion Ratio Lower Upper

107 100

121 47.9 37.3 55.9

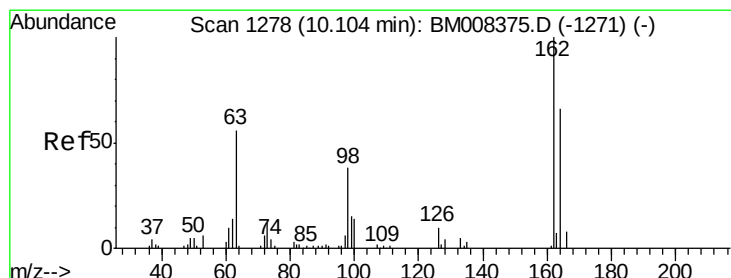
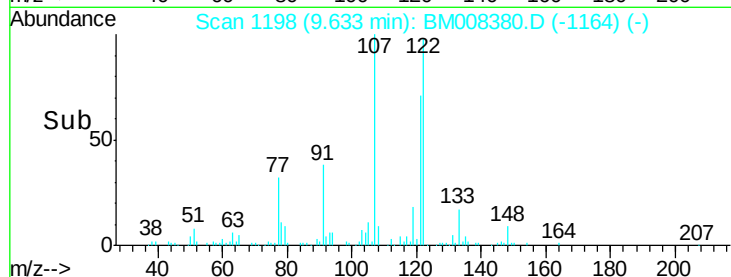
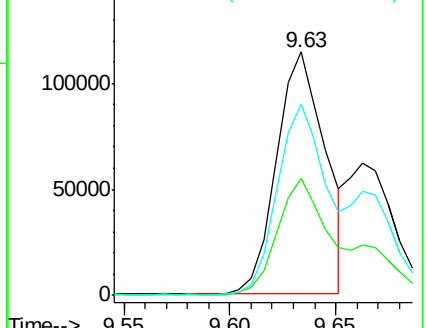
122 78.4 58.2 87.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#27

2,4-Dichlorophenol

Concen: 12.68 ng/ul

RT: 10.10 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM008380.D

Acq: 16 Dec 2016 19:13

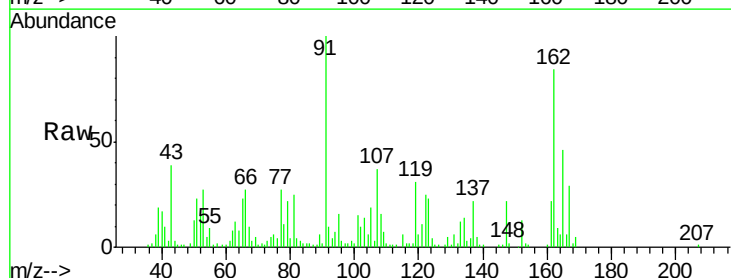
Tgt Ion:162 Resp: 81466

Ion Ratio Lower Upper

162 100

164 7.2 50.4 75.6#

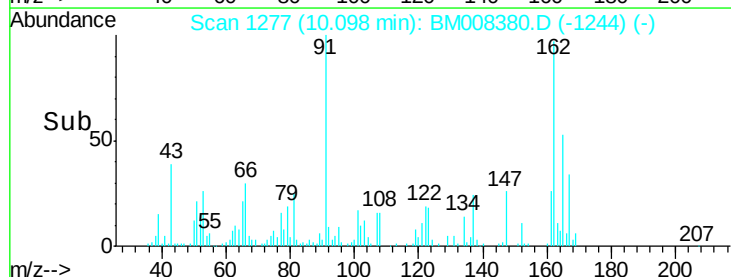
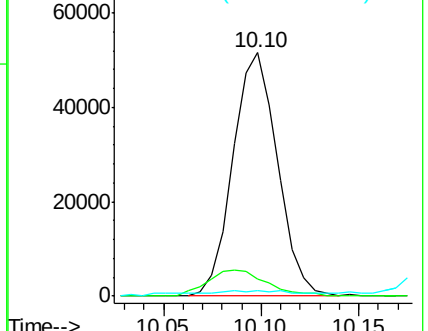
98 2.1 29.1 43.7#

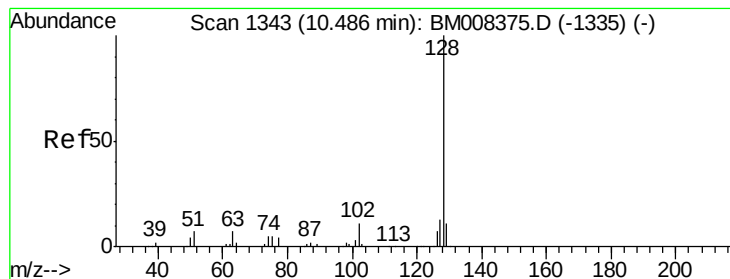


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM





#28

Naphthalene

Concen: 25.49 ng/ul

RT: 10.49 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BM008380.D

Acq: 16 Dec 2016 19:13

Instrument :

BNA_M

ClientSampleId :

DA8S6

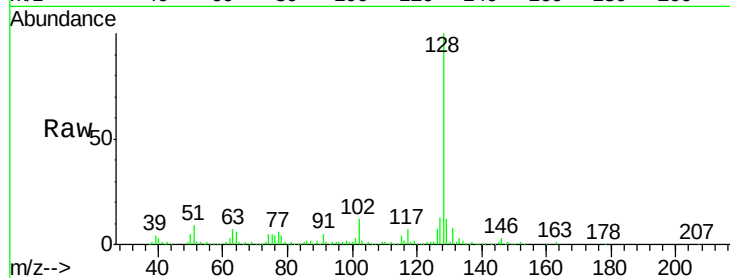
Tgt Ion:128 Resp: 524367

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

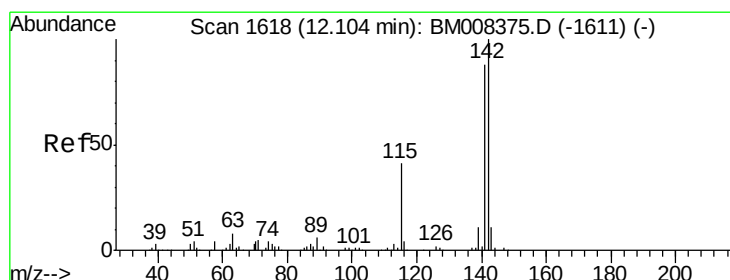
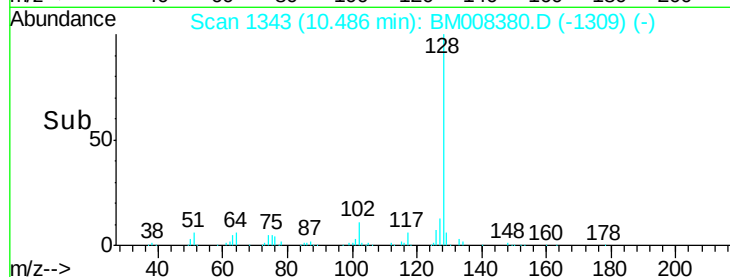
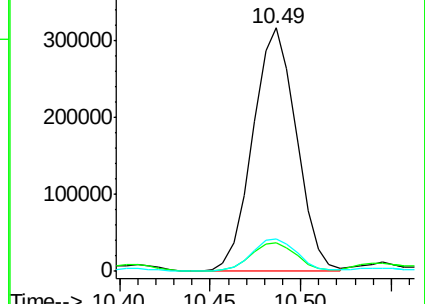
127 13.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 14.27 ng/ul

RT: 12.10 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BM008380.D

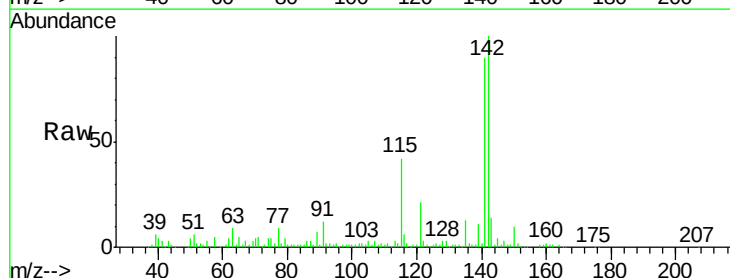
Acq: 16 Dec 2016 19:13

Tgt Ion:142 Resp: 212044

Ion Ratio Lower Upper

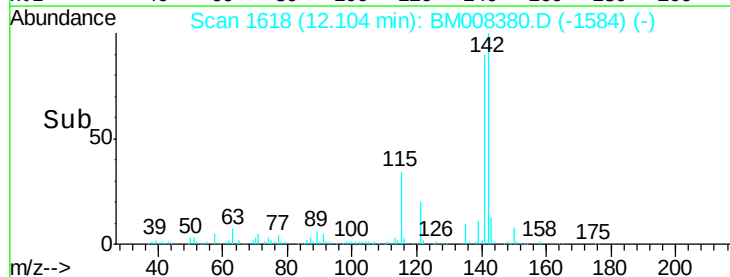
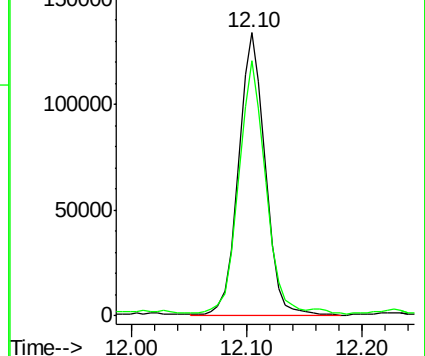
142 100

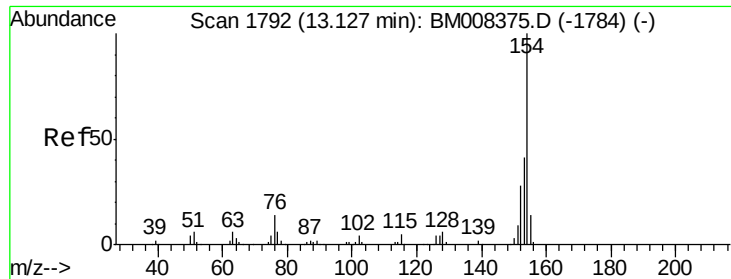
141 90.3 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

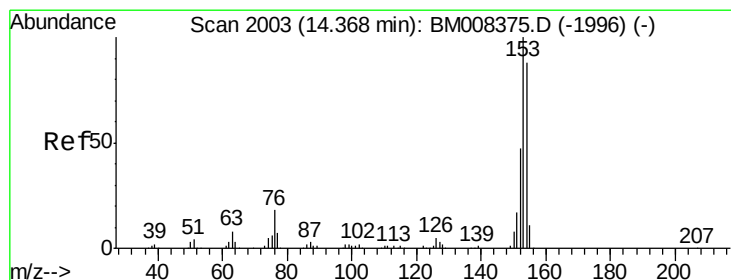
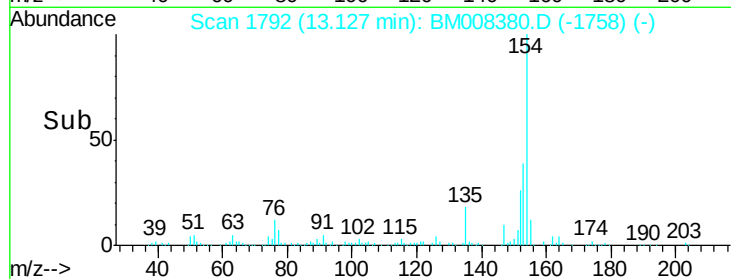
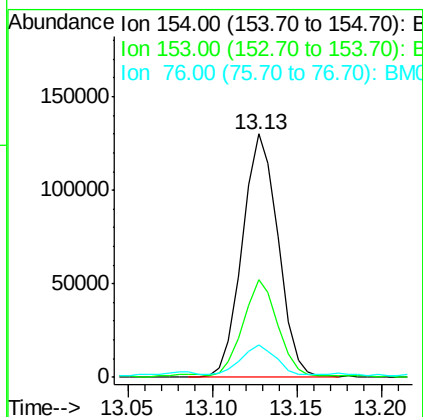
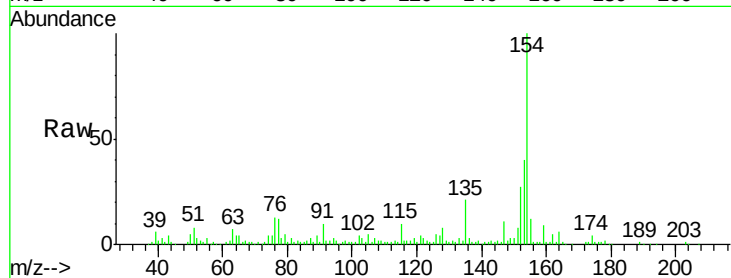




#40
 1,1'-Biphenyl
 Concen: 9.63 ng/ul
 RT: 13.13 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BM008380.D
 Acq: 16 Dec 2016 19:13

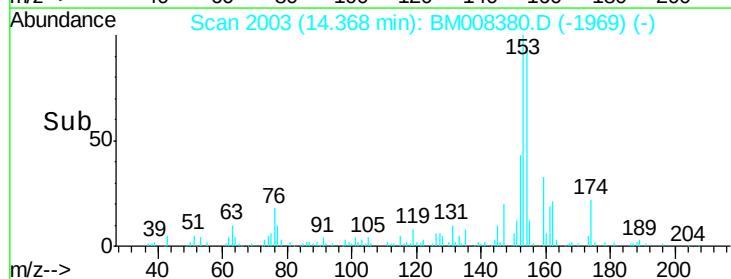
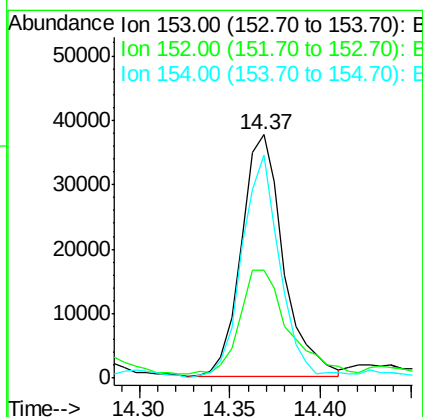
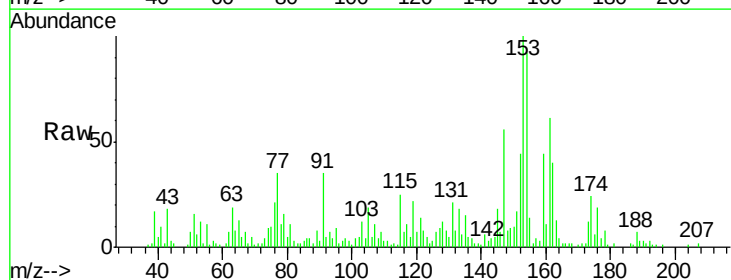
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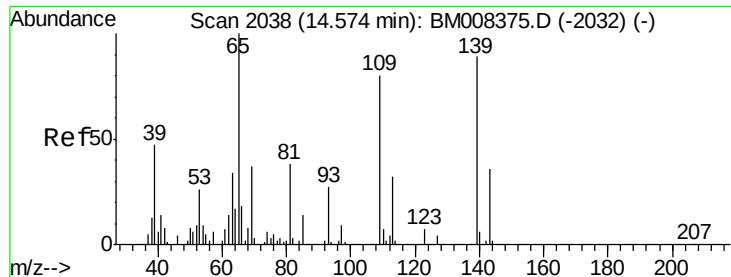
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.0	48.0
76	13.4	9.4	14.0



#49
 Acenaphthene
 Concen: 3.69 ng/ul
 RT: 14.37 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BM008380.D
 Acq: 16 Dec 2016 19:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.2	36.6	54.8
154	91.9	71.4	107.2

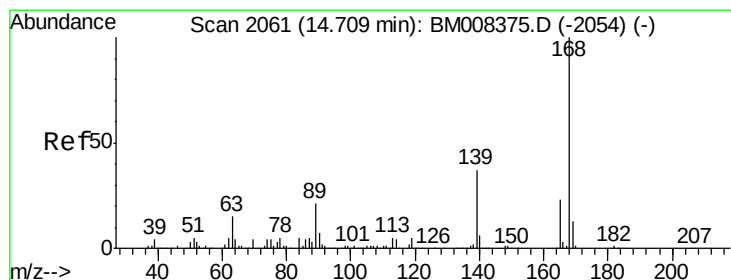
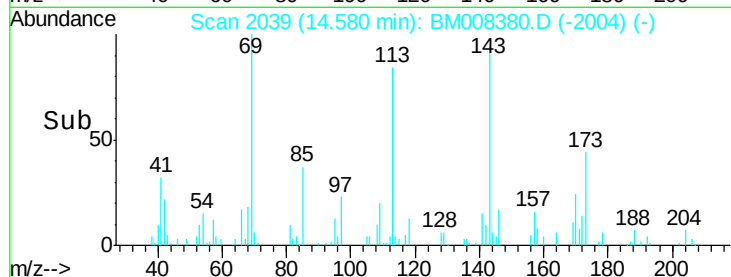
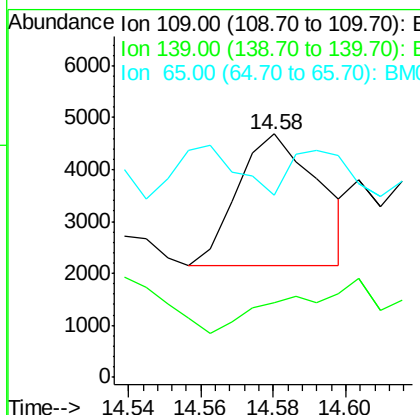
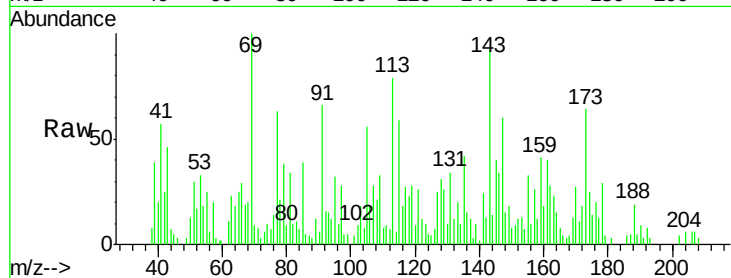




#52
4-Nitrophenol
Concen: 1.43 ng/ul
RT: 14.58 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BM008380.D
Acq: 16 Dec 2016 19:13

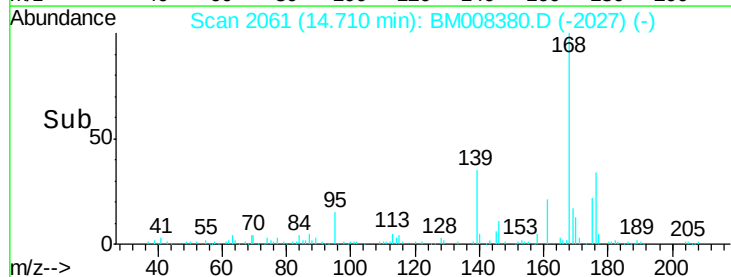
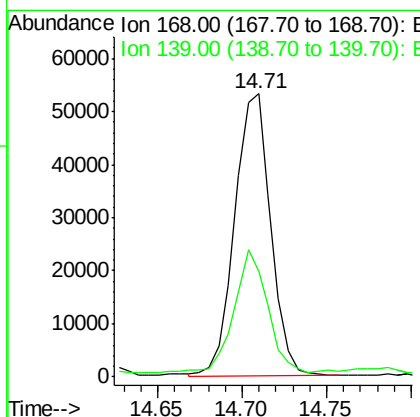
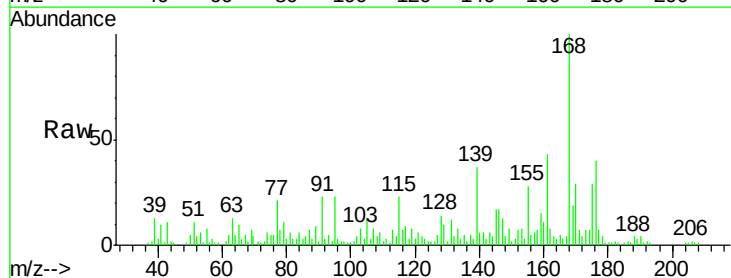
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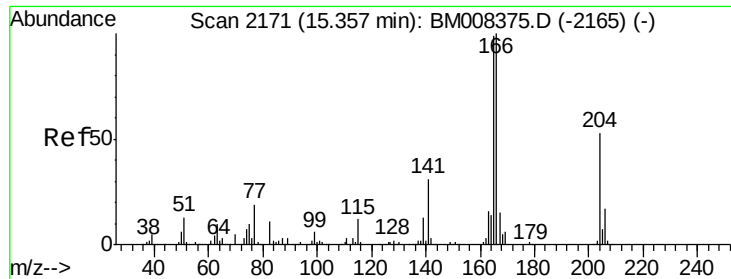
Tgt Ion:109 Resp: 3986
Ion Ratio Lower Upper
109 100
139 30.9 83.3 124.9#
65 74.8 93.0 139.4#



#53
Dibenzofuran
Concen: 3.28 ng/ul
RT: 14.71 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BM008380.D
Acq: 16 Dec 2016 19:13

Tgt Ion:168 Resp: 78198
Ion Ratio Lower Upper
168 100
139 37.5 30.5 45.7





#58
 Fluorene
 Concen: 2.63 ng/ul
 RT: 15.36 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: BM008380.D
 Acq: 16 Dec 2016 19:13

Instrument :
 BNA_M
 ClientSampleId :
 DA8S6

Tgt Ion:166 Resp: 51369
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.3 118.9
 167 17.3 10.7 16.1#

