

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
 Data File : BM008379.D
 Acq On : 16 Dec 2016 18:37
 Operator : UM/SJ
 Sample : H6039-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S5

Quant Time: Dec 17 02:17:55 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	110553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	438614	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	300624	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	604182	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	744166	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	743130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	28903	12.30	ng/uL	-0.02
5) Phenol-d5	6.86	99	71778	8.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.01	67	161636	32.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	183880	28.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	126546	19.05	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	118652	37.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	126531	36.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	217378	33.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	166300	22.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	714612	35.76	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	857513	36.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	669	0.23	ng/ul	0.00
57) Fluorene-d10	15.30	176	640115	36.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	100658	27.99	ng/ul	0.00
70) Anthracene-d10	17.16	188	970694	36.88	ng/ul	0.00
76) Pyrene-d10	19.46	212	1115893	38.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1109763	35.56	ng/ul	0.00

Target Compounds

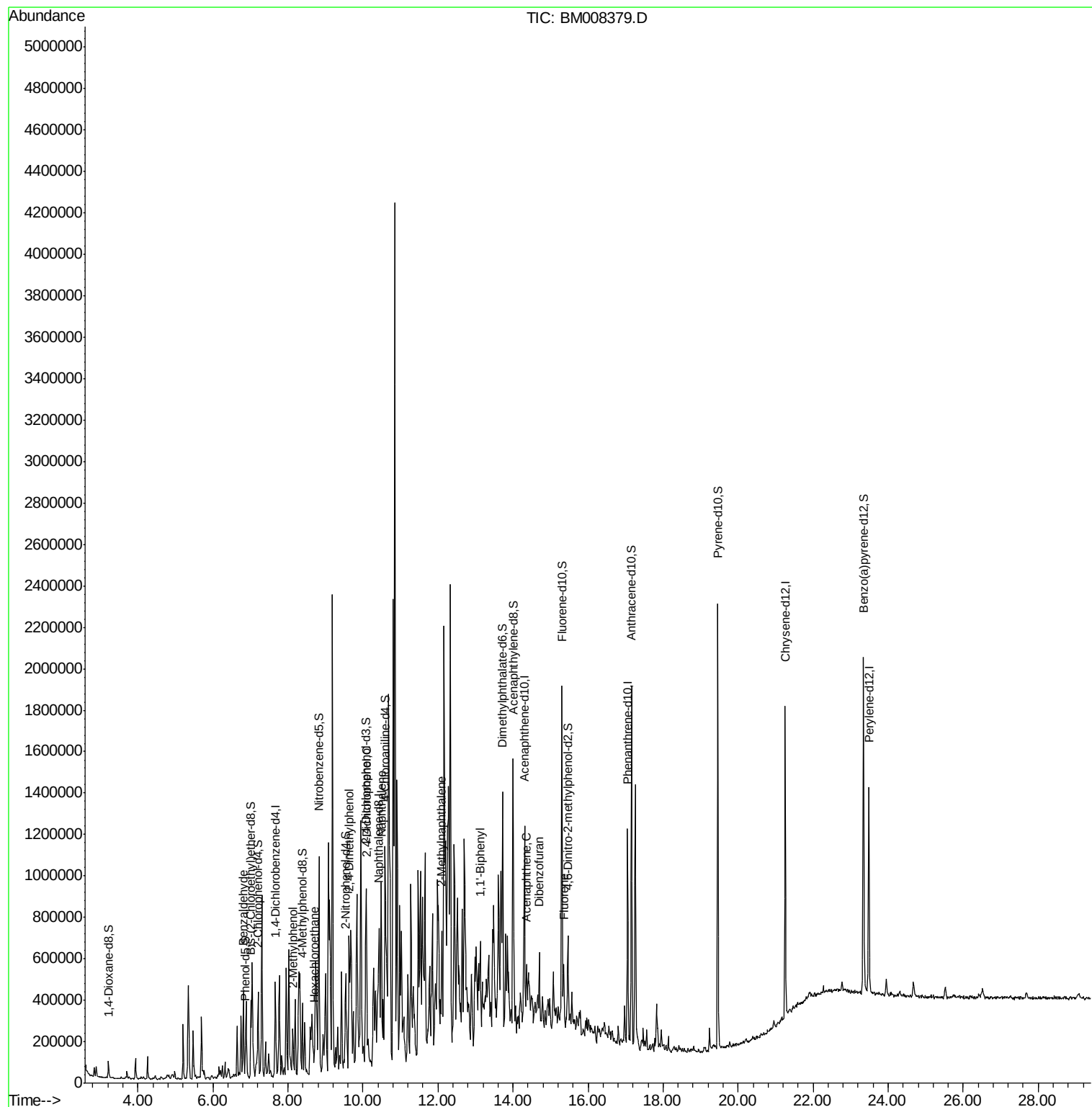
						Qvalue
4) Benzaldehyde	6.81	77	28269	4.98	ng/ul#	1
11) 2-Methylphenol	8.12	108	38491	5.91	ng/ul	99
17) Hexachloroethane	8.70	117	4805	1.62	ng/ul#	3
24) 2,4-Dimethylphenol	9.63	107	188615	23.50	ng/ul	96
27) 2,4-Dichlorophenol	10.10	162	82477	12.71	ng/ul#	34
28) Naphthalene	10.49	128	540224	26.02	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	218243	14.55	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	192501	9.60	ng/ul#	97
49) Acenaphthene	14.37	153	60283	3.65	ng/ul	96
53) Dibenzofuran	14.70	168	79586	3.31	ng/ul	96
58) Fluorene	15.36	166	51243	2.59	ng/ul#	99

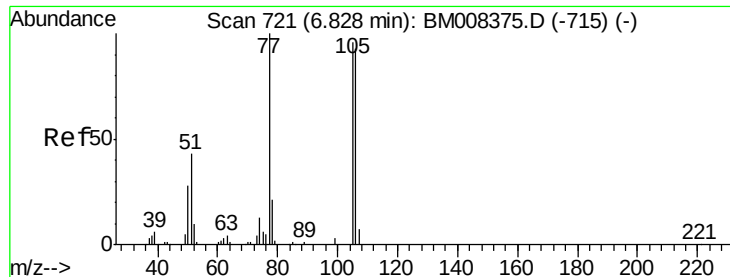
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#4

Benzaldehyde

Concen: 4.98 ng/ul

RT: 6.81 min Scan# 718

Delta R.T. -0.02 min

Lab File: BM008379.D

Acq: 16 Dec 2016 18:37

Instrument :

BNA_M

ClientSampleId :

DA8S5

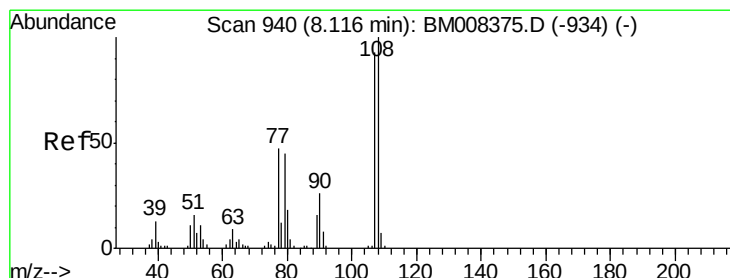
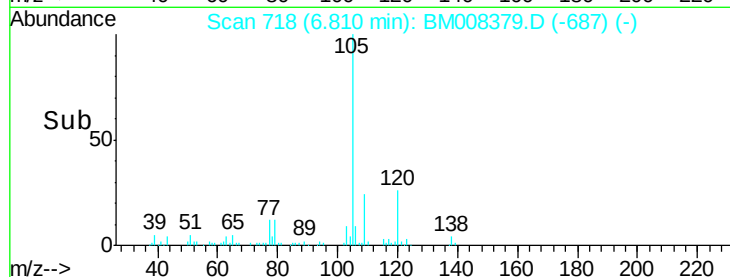
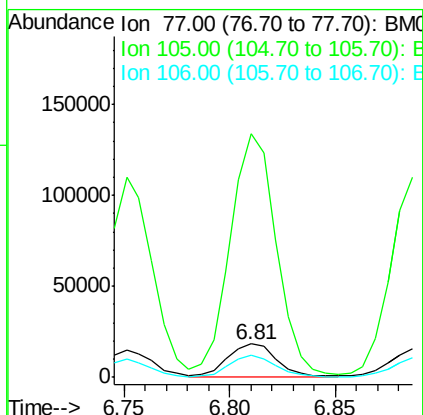
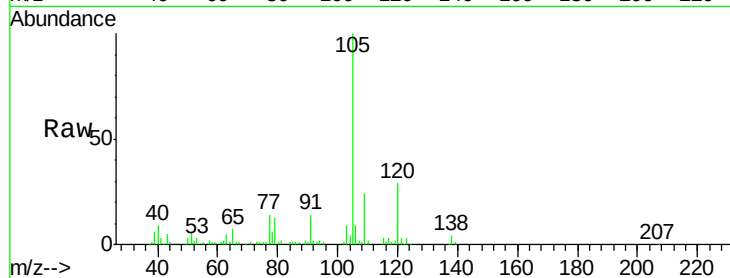
Tgt Ion: 77 Resp: 28269

Ion Ratio Lower Upper

77 100

105 726.1 70.2 105.4#

106 67.3 66.6 99.8



#11

2-Methylphenol

Concen: 5.91 ng/ul

RT: 8.12 min Scan# 941

Delta R.T. 0.01 min

Lab File: BM008379.D

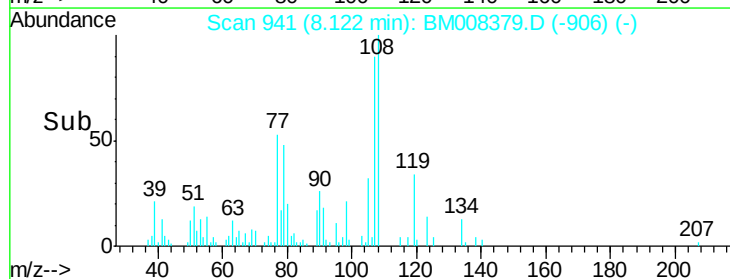
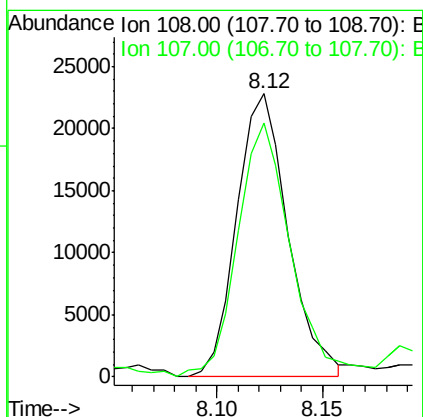
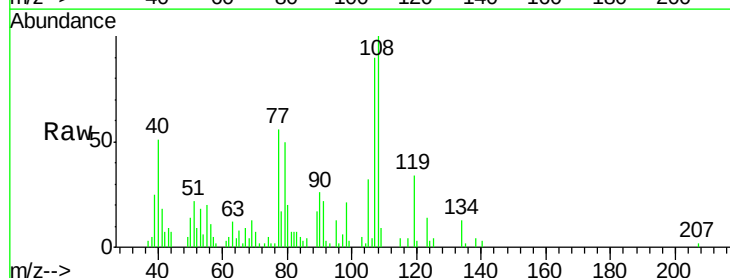
Acq: 16 Dec 2016 18:37

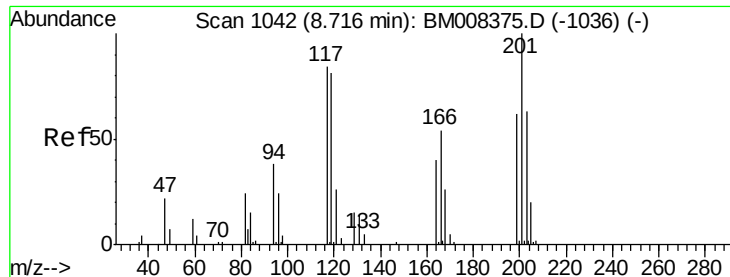
Tgt Ion: 108 Resp: 38491

Ion Ratio Lower Upper

108 100

107 89.9 70.8 106.2





#17

Hexachloroethane

Concen: 1.62 ng/ul

RT: 8.70 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BM008379.D

Acq: 16 Dec 2016 18:37

Instrument :

BNA_M

ClientSampled :

DA8S5

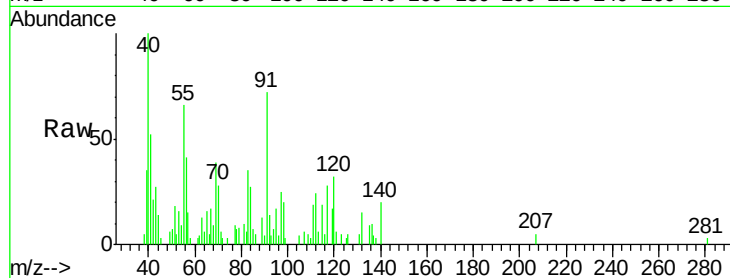
Tgt Ion:117 Resp: 4805

Ion Ratio Lower Upper

117 100

201 0.0 88.1 132.1#

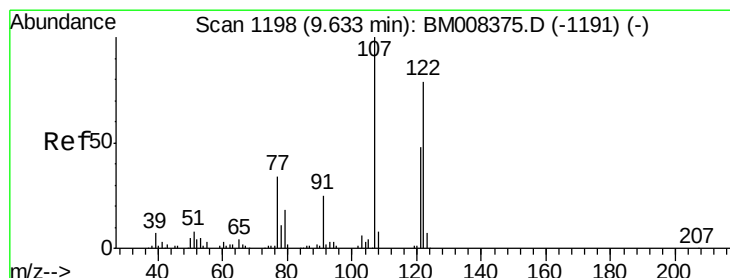
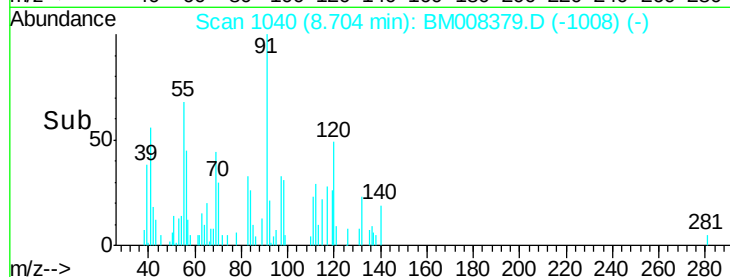
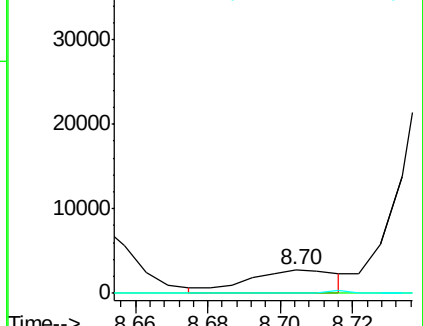
199 0.0 54.9 82.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#24

2,4-Dimethylphenol

Concen: 23.50 ng/ul

RT: 9.63 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM008379.D

Acq: 16 Dec 2016 18:37

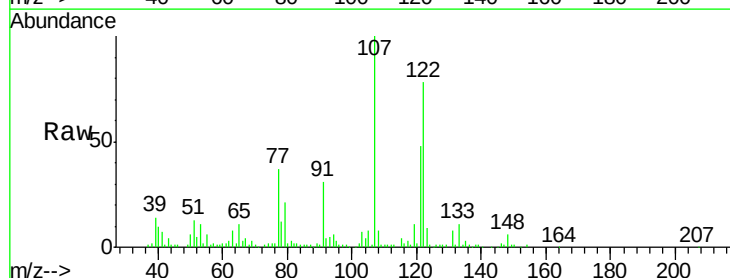
Tgt Ion:107 Resp: 188615

Ion Ratio Lower Upper

107 100

121 47.8 37.3 55.9

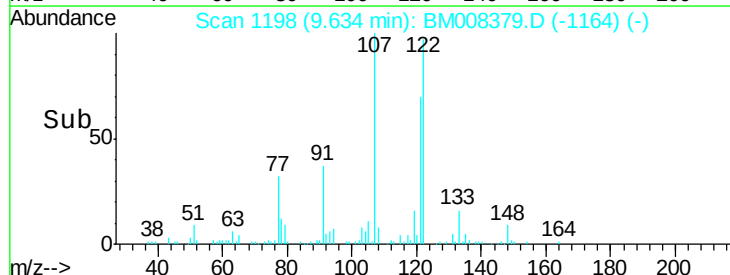
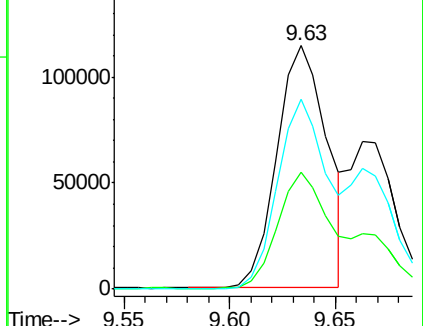
122 78.0 58.2 87.4

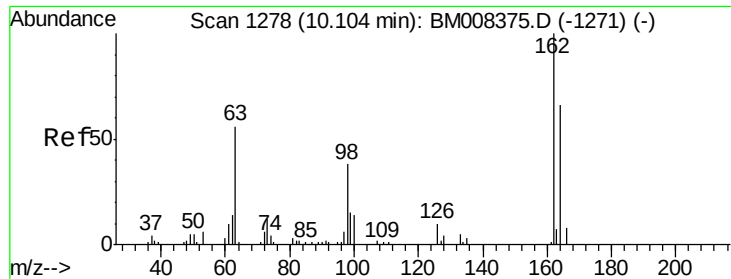


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

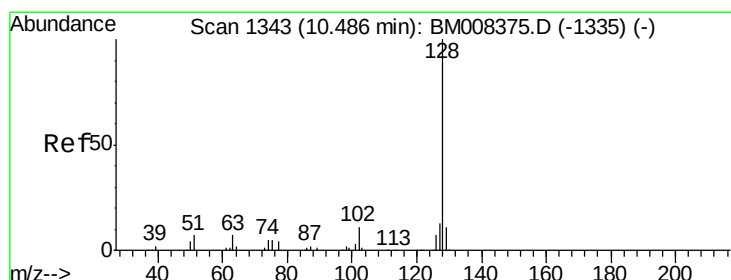
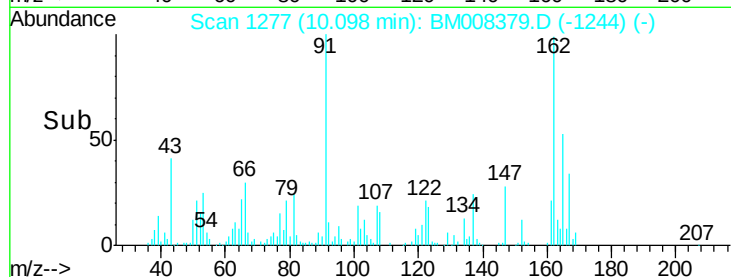
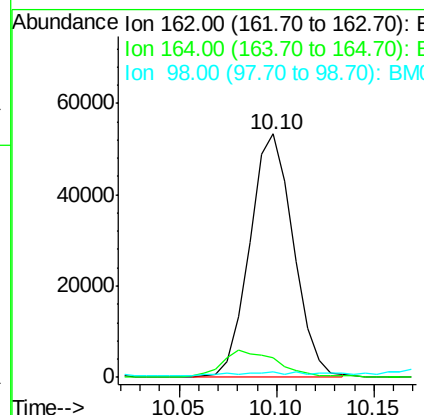
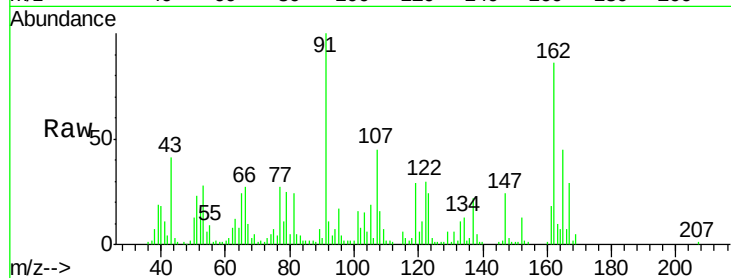




#27
2,4-Dichlorophenol
Concen: 12.71 ng/ul
RT: 10.10 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM008379.D
Acq: 16 Dec 2016 18:37

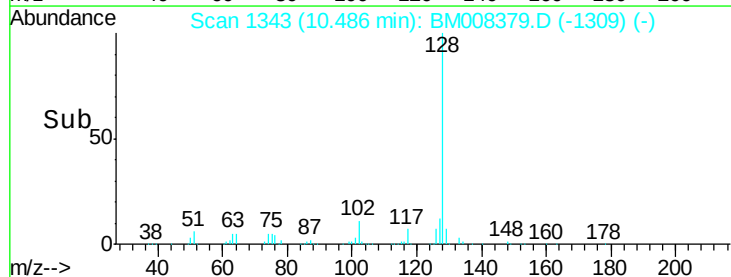
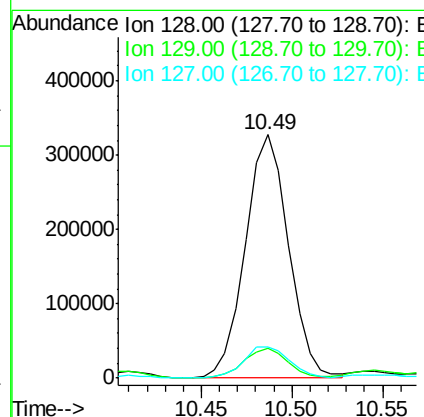
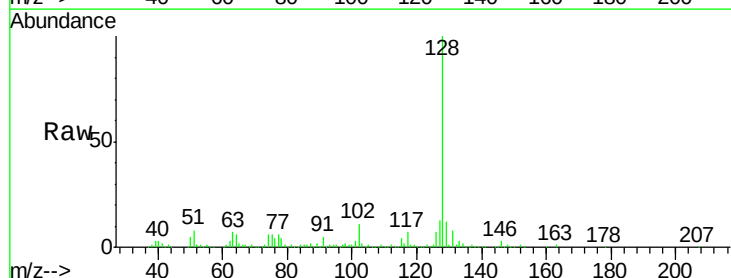
Instrument :
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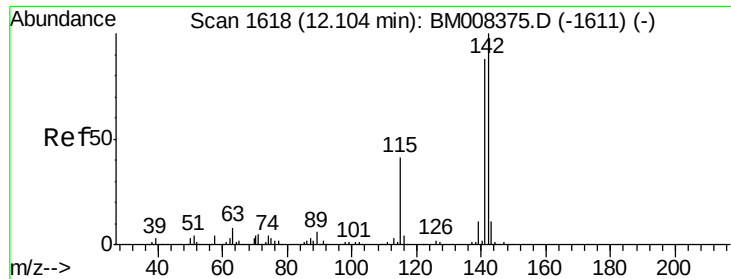
Tgt Ion:162 Resp: 82477
Ion Ratio Lower Upper
162 100
164 8.0 50.4 75.6#
98 2.4 29.1 43.7#



#28
Naphthalene
Concen: 26.02 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM008379.D
Acq: 16 Dec 2016 18:37

Tgt Ion:128 Resp: 540224
Ion Ratio Lower Upper
128 100
129 12.2 8.4 12.6
127 13.0 10.4 15.6

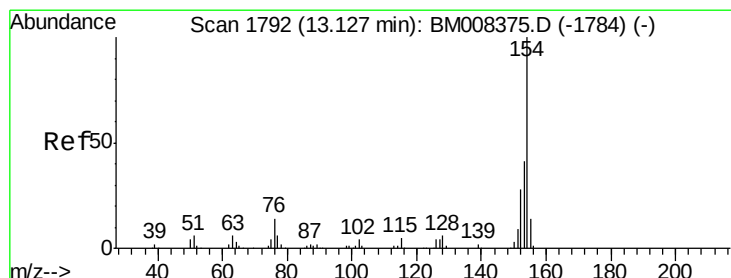
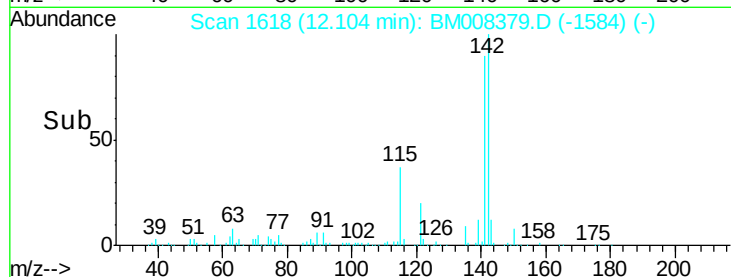
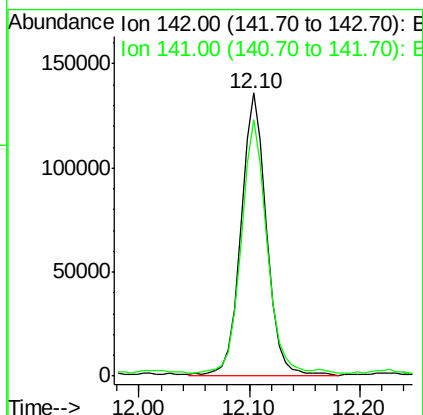
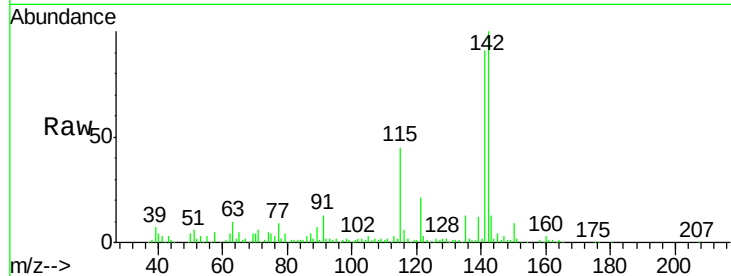




#34
 2-Methylnaphthalene
 Concen: 14.55 ng/ul
 RT: 12.10 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BM008379.D
 Acq: 16 Dec 2016 18:37

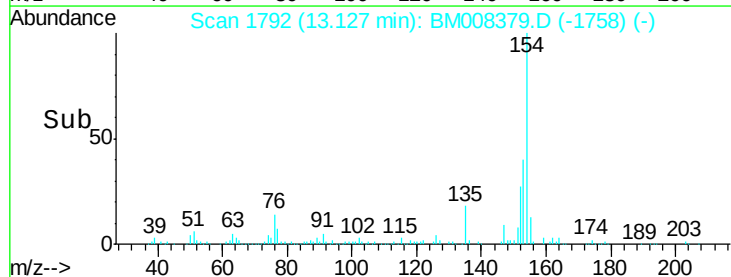
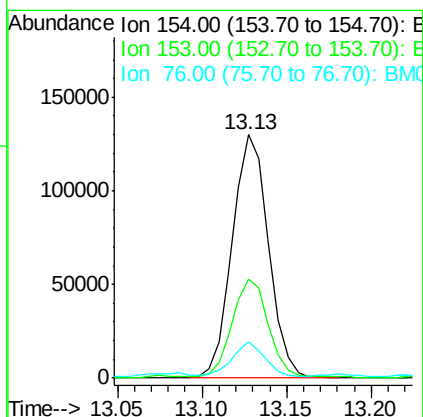
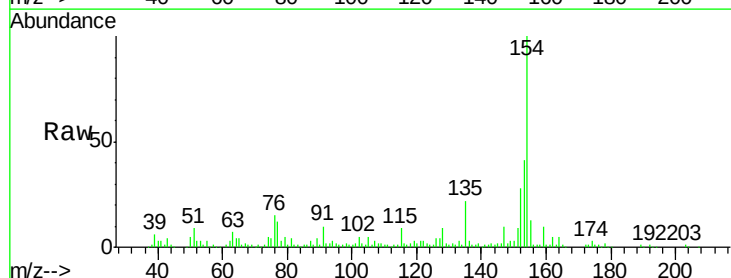
Instrument :
 BNA_M
 ClientSampleId :
 DA8S5

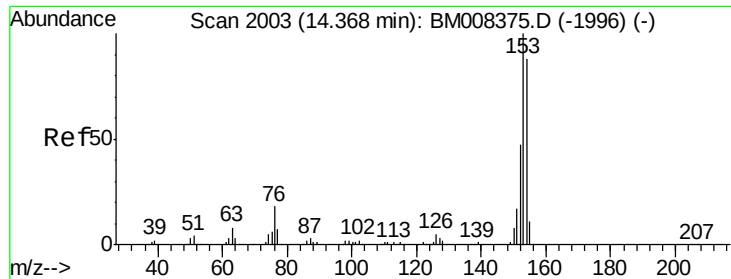
Tgt Ion:142 Resp: 218243
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.1 106.7



#40
 1,1'-Biphenyl
 Concen: 9.60 ng/ul
 RT: 13.13 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BM008379.D
 Acq: 16 Dec 2016 18:37

Tgt Ion:154 Resp: 192501
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.0 48.0
 76 14.8 9.4 14.0#





#49

Acenaphthene

Concen: 3.65 ng/ul

RT: 14.37 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BM008379.D

Acq: 16 Dec 2016 18:37

Instrument :

BNA_M

ClientSampleId :

DA8S5

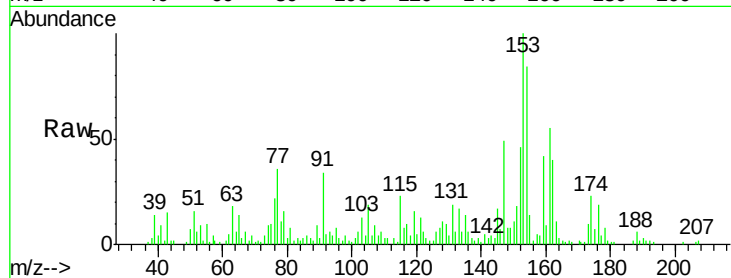
Tgt Ion:153 Resp: 60283

Ion Ratio Lower Upper

153 100

152 46.4 36.6 54.8

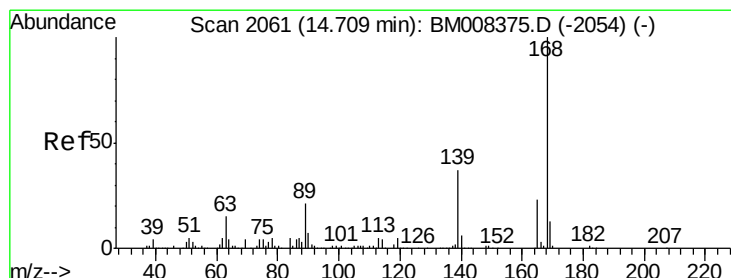
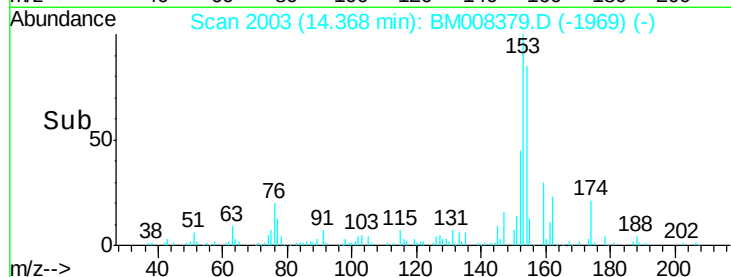
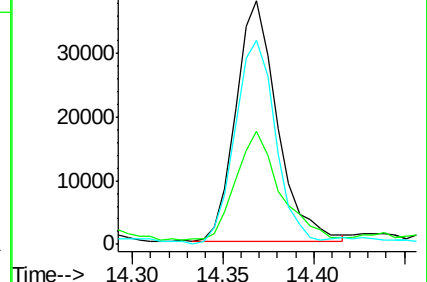
154 83.9 71.4 107.2



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: 3.31 ng/ul

RT: 14.70 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BM008379.D

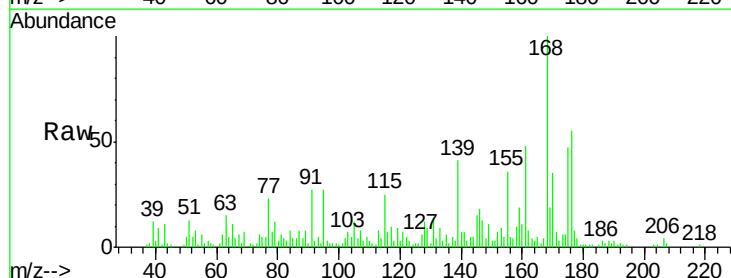
Acq: 16 Dec 2016 18:37

Tgt Ion:168 Resp: 79586

Ion Ratio Lower Upper

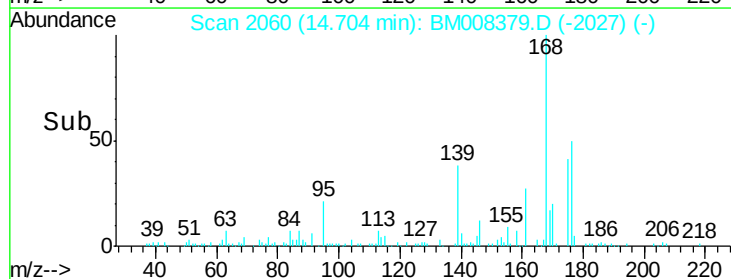
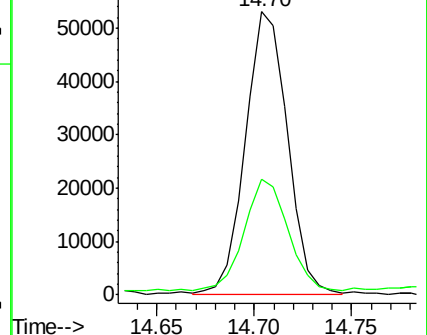
168 100

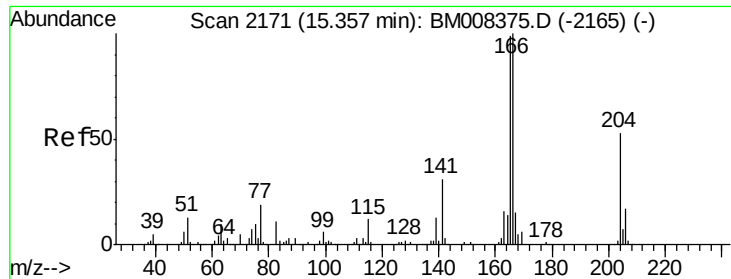
139 40.7 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

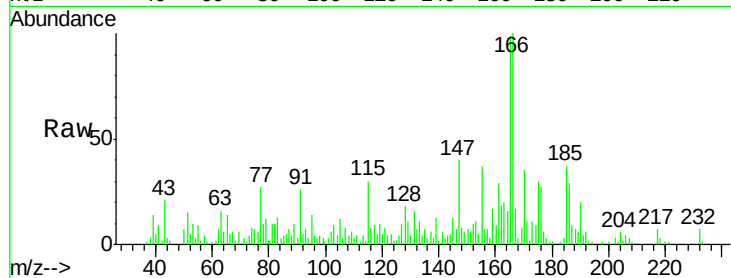




#58
 Fluorene
 Concen: 2.59 ng/ul
 RT: 15.36 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: BM008379.D
 Acq: 16 Dec 2016 18:37

Instrument :
 BNA_M
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Tgt Ion:166 Resp: 51243
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.3 118.9
 167 17.0 10.7 16.1#



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

