

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
 Data File : BM008364.D
 Acq On : 16 Dec 2016 03:52
 Operator : UM/SJ
 Sample : H6039-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T4

Quant Time: Dec 16 04:40:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 03:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	161306	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	627214	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	407405	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	787236	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	942773	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	951302	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	20223	5.90	ng/uL	-0.02
5) Phenol-d5	6.87	99	78130	6.24	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.01	67	203647	28.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	226741	24.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	146913	15.16	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	136698	30.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	154901	30.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	264430	28.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	165716	15.70	ng/ul	-0.01
43) Dimethylphthalate-d6	13.73	166	863059	31.87	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1040848	32.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	27746	6.95	ng/ul	0.03
57) Fluorene-d10	15.30	176	789521	33.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	135836	28.99	ng/ul	0.00
70) Anthracene-d10	17.16	188	1159459	33.81	ng/ul	0.00
76) Pyrene-d10	19.46	212	1331018	36.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1351258	33.83	ng/ul	0.00

Target Compounds

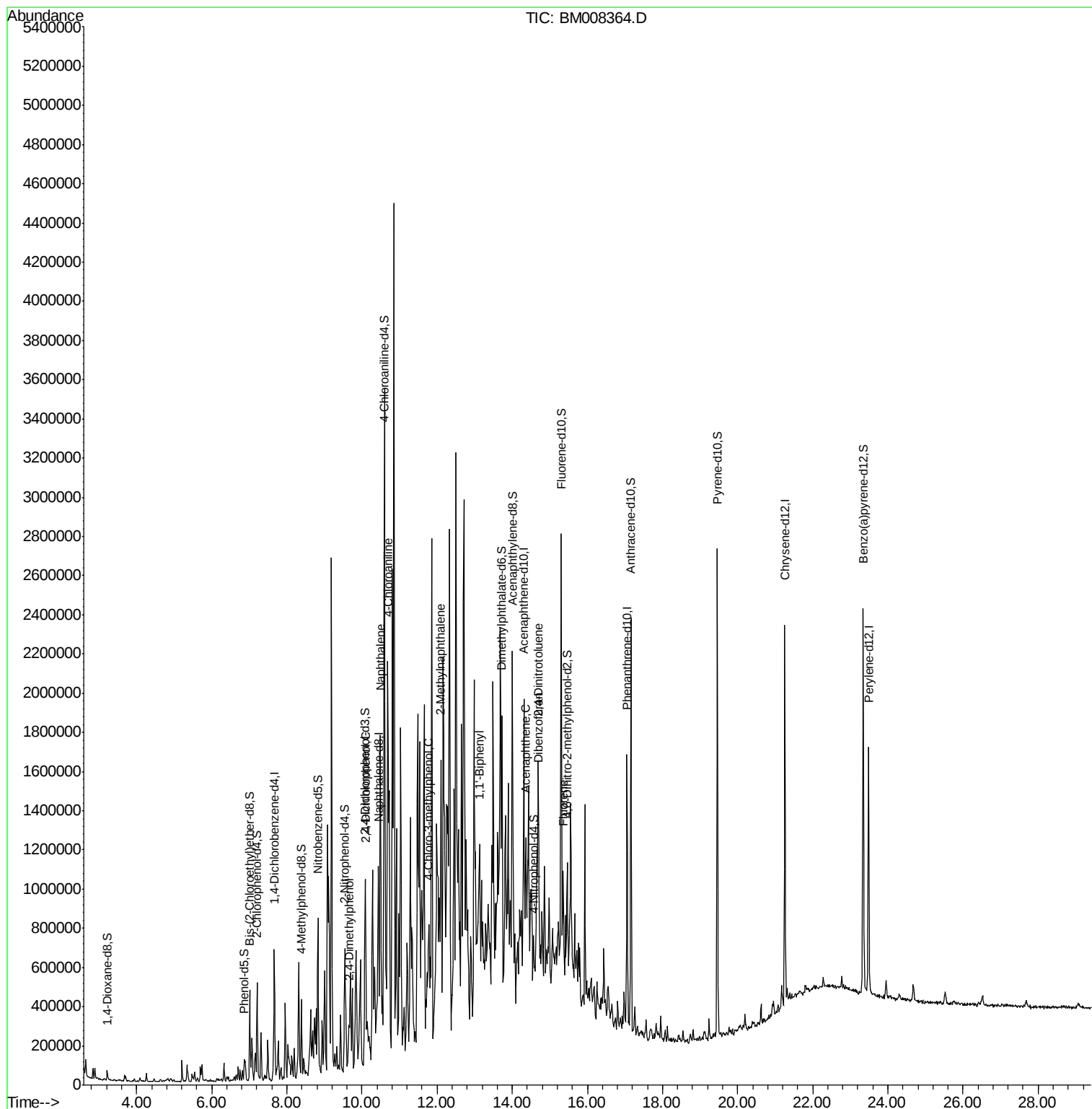
						Qvalue
24) 2,4-Dimethylphenol	9.65	107	13992	1.22	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	80843	8.72	ng/ul#	37
28) Naphthalene	10.49	128	1193741	40.21	ng/ul	99
30) 4-Chloroaniline	10.69	127	12227	1.15	ng/ul	95
33) 4-Chloro-3-methylphenol	11.77	107	12171	1.21	ng/ul#	46
34) 2-Methylnaphthalene	12.10	142	440391	20.53	ng/ul	97
40) 1,1'-Biphenyl	13.13	154	253470	9.33	ng/ul	97
49) Acenaphthene	14.37	153	72939	3.26	ng/ul	100
53) Dibenzofuran	14.71	168	134172	4.11	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	12193	1.57	ng/ul#	1
58) Fluorene	15.36	166	141140	5.27	ng/ul	97

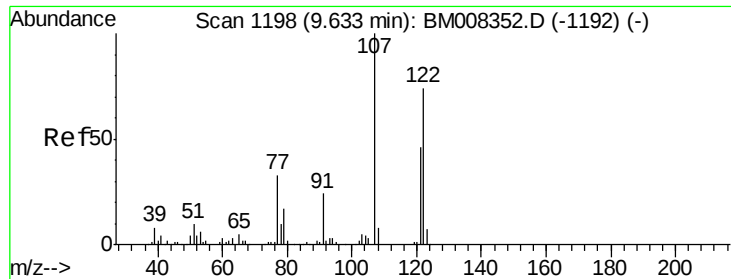
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration





#24

2,4-Dimethylphenol

Concen: 1.22 ng/ul

RT: 9.65 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BM008364.D

Acq: 16 Dec 2016 03:52

Instrument :

BNA_M

ClientSampleId :

DA8T4

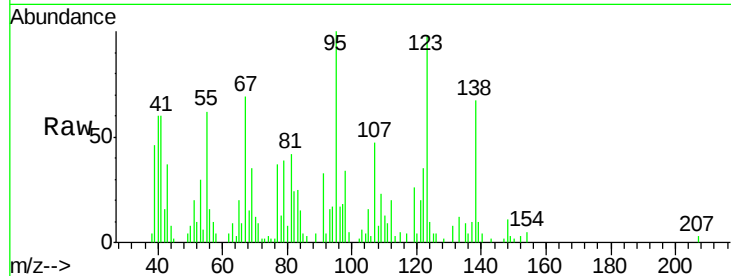
Tgt Ion:107 Resp: 13992

Ion Ratio Lower Upper

107 100

121 43.4 37.3 55.9

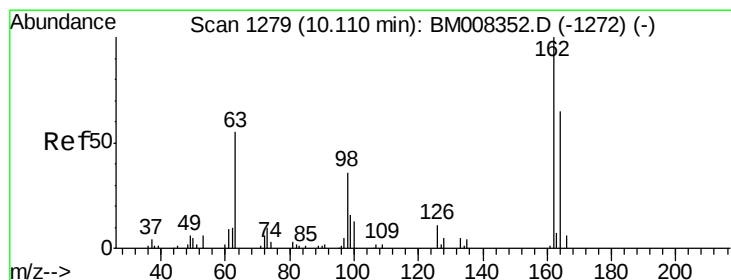
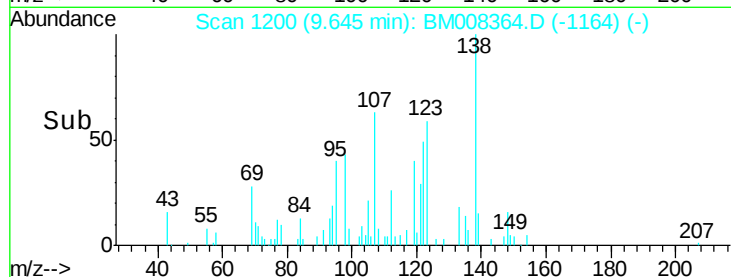
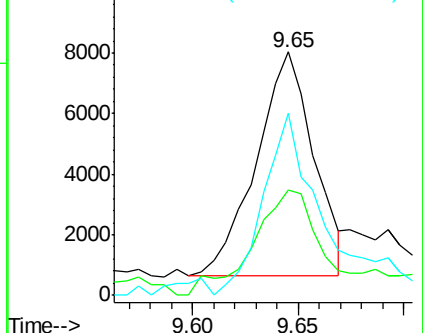
122 74.9 58.2 87.4



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: 8.72 ng/ul

RT: 10.10 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM008364.D

Acq: 16 Dec 2016 03:52

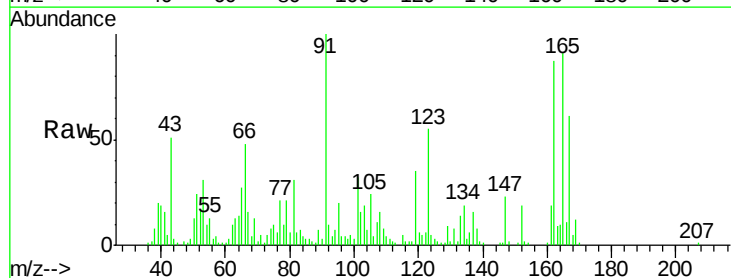
Tgt Ion:162 Resp: 80843

Ion Ratio Lower Upper

162 100

164 11.4 50.4 75.6#

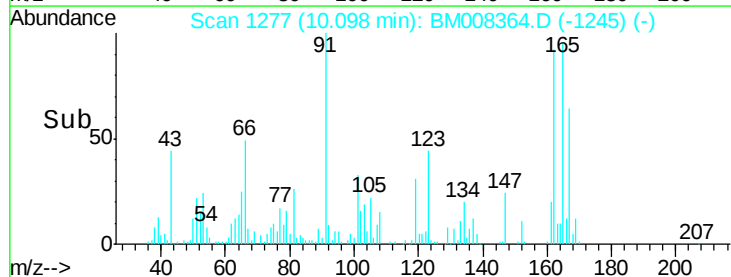
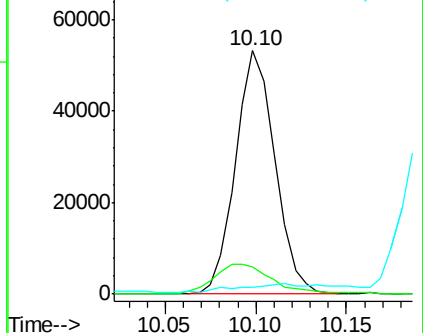
98 3.0 29.1 43.7#

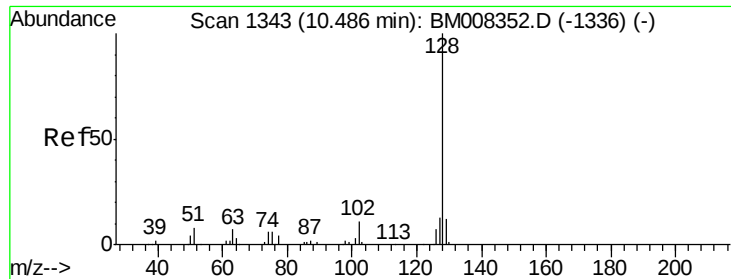


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM

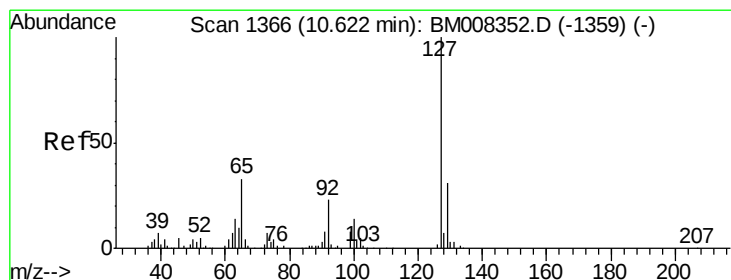
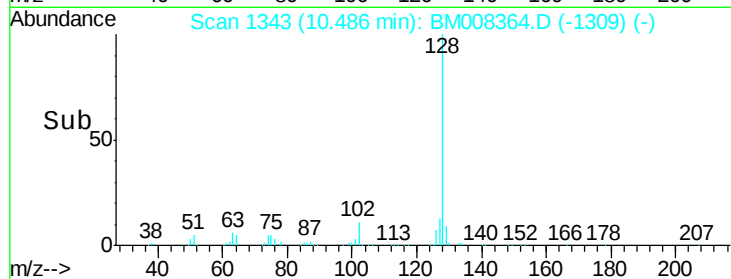
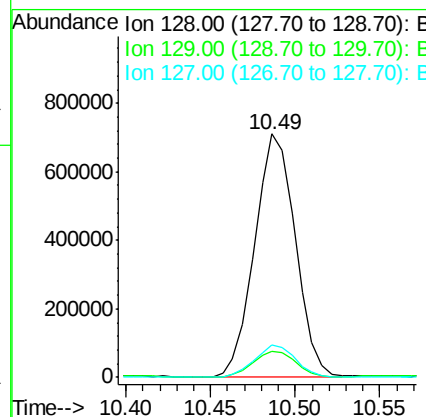
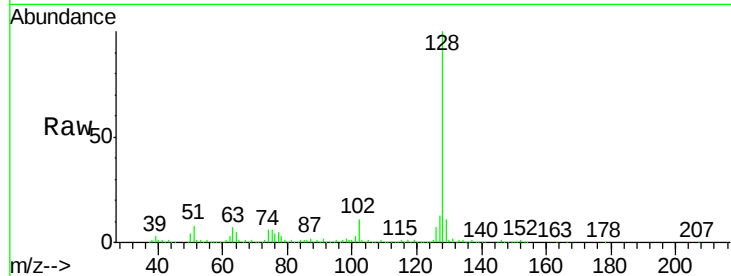




#28
Naphthalene
Concen: 40.21 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM008364.D
Acq: 16 Dec 2016 03:52

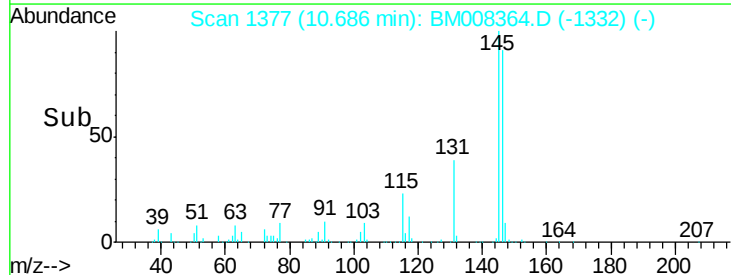
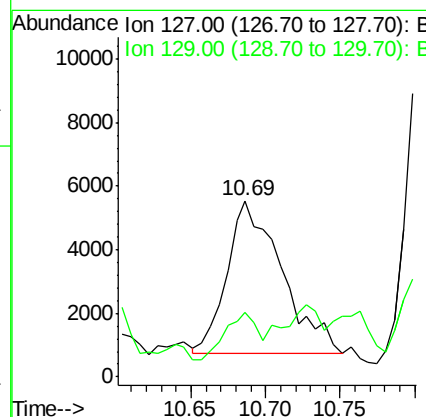
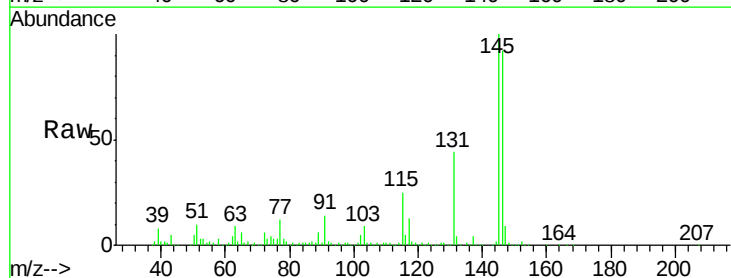
Instrument :
BNA_M
ClientSampleId :
DA8T4

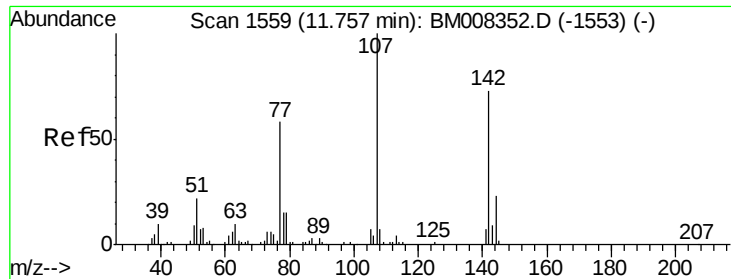
Tgt Ion:128 Resp: 1193741
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.3 10.4 15.6



#30
4-Chloroaniline
Concen: 1.15 ng/ul
RT: 10.69 min Scan# 1377
Delta R.T. 0.06 min
Lab File: BM008364.D
Acq: 16 Dec 2016 03:52

Tgt Ion:127 Resp: 12227
Ion Ratio Lower Upper
127 100
129 36.3 26.8 40.2

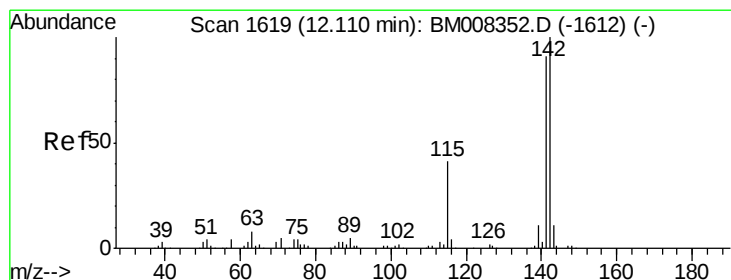
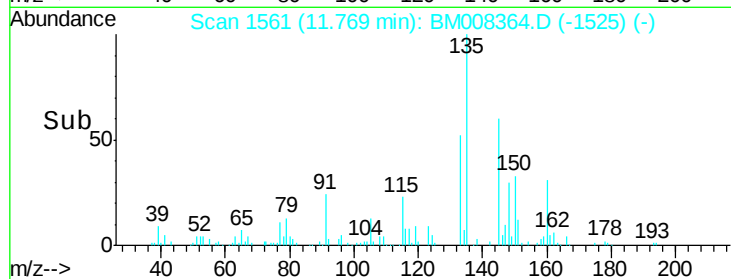
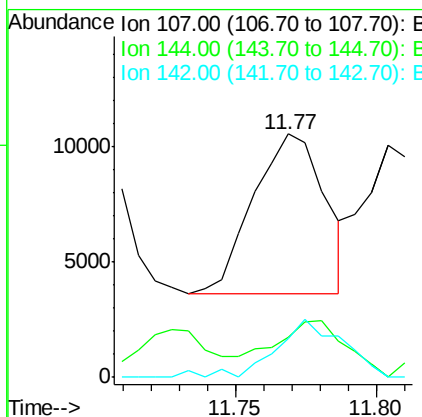
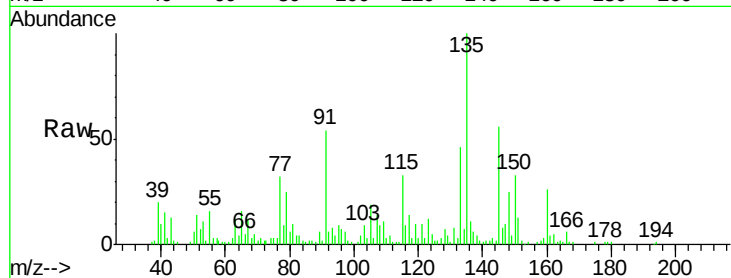




#33
4-Chloro-3-methylphenol
Concen: 1.21 ng/ul
RT: 11.77 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BM008364.D
Acq: 16 Dec 2016 03:52

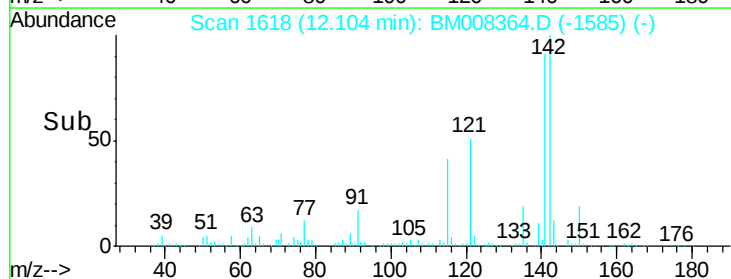
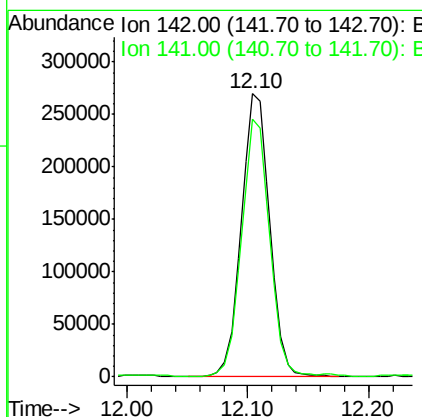
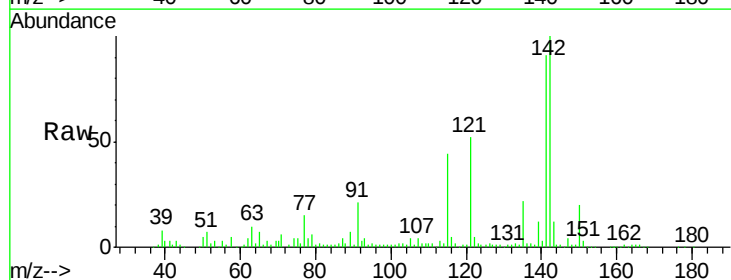
Instrument :
BNA_M
ClientSampleId :
DA8T4

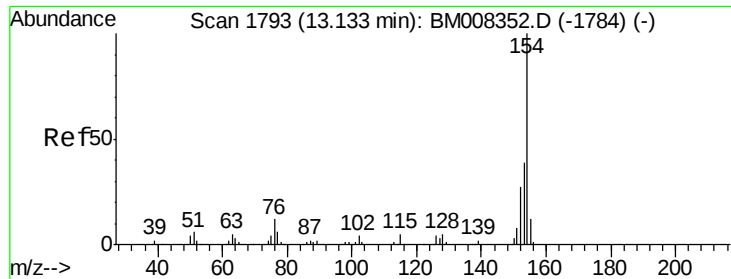
Tgt Ion:107 Resp: 12171
Ion Ratio Lower Upper
107 100
144 16.5 17.9 26.9#
142 16.1 57.0 85.6#



#34
2-Methylnaphthalene
Concen: 20.53 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BM008364.D
Acq: 16 Dec 2016 03:52

Tgt Ion:142 Resp: 440391
Ion Ratio Lower Upper
142 100
141 91.2 71.1 106.7

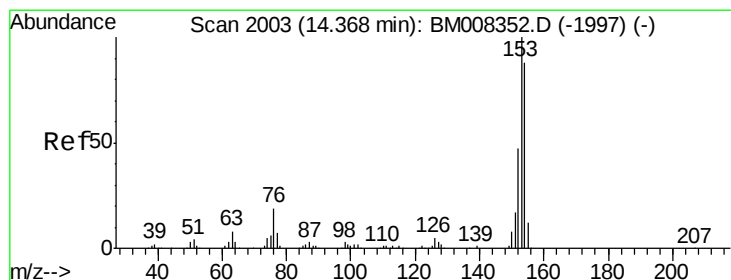
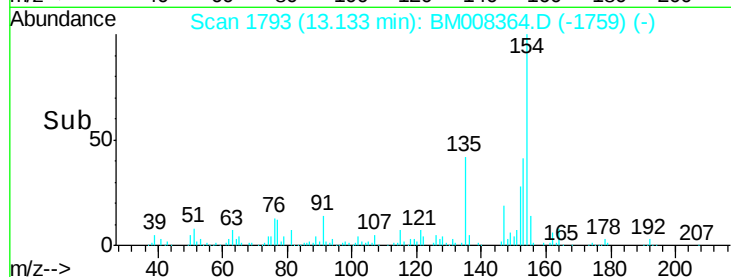
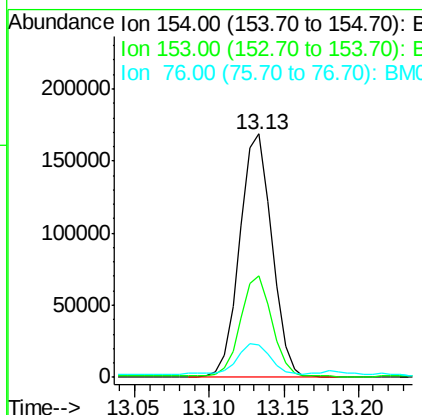
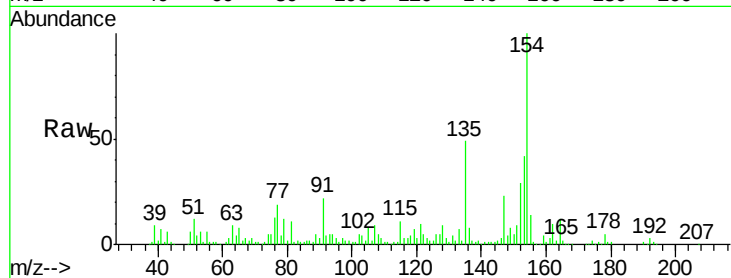




#40
1,1'-Biphenyl
Concen: 9.33 ng/ul
RT: 13.13 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BM008364.D
Acq: 16 Dec 2016 03:52

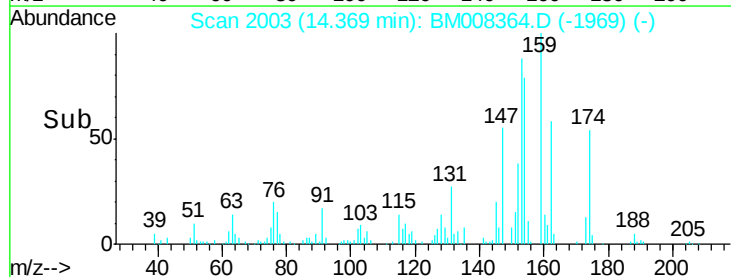
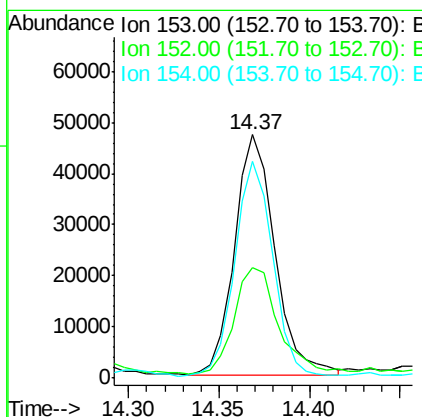
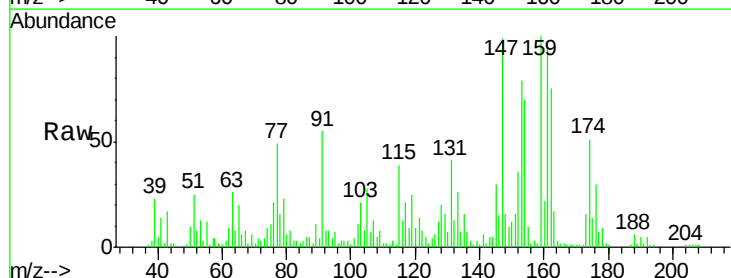
Instrument :
BNA_M
ClientSampleId :
DA8T4

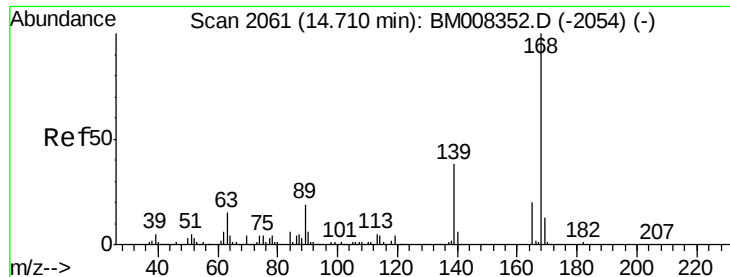
Tgt Ion:154 Resp: 253470
Ion Ratio Lower Upper
154 100
153 41.8 32.0 48.0
76 13.5 9.4 14.0



#49
Acenaphthene
Concen: 3.26 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM008364.D
Acq: 16 Dec 2016 03:52

Tgt Ion:153 Resp: 72939
Ion Ratio Lower Upper
153 100
152 45.4 36.6 54.8
154 89.2 71.4 107.2





#53

Dibenzo(furan)

Concen: 4.11 ng/ul

RT: 14.71 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BM008364.D

Acq: 16 Dec 2016 03:52

Instrument :

BNA_M

ClientSampleId :

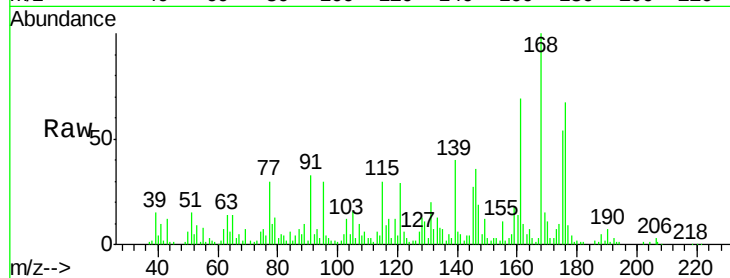
DA8T4

Tgt Ion:168 Resp: 134172

Ion Ratio Lower Upper

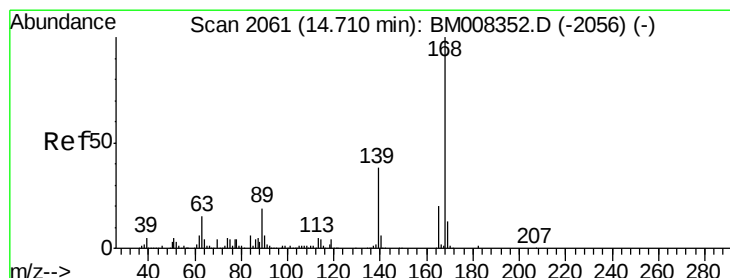
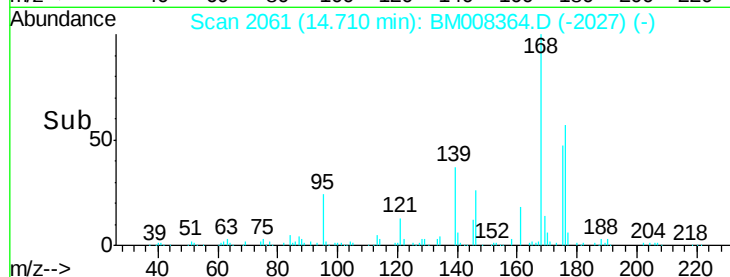
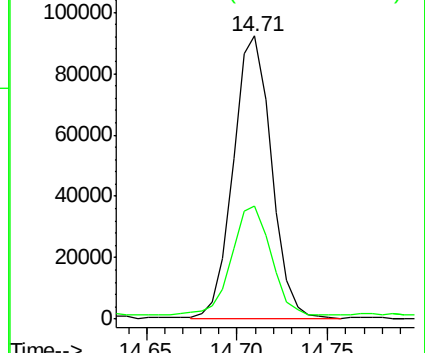
168 100

139 40.2 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 1.57 ng/ul

RT: 14.69 min Scan# 2057

Delta R.T. -0.02 min

Lab File: BM008364.D

Acq: 16 Dec 2016 03:52

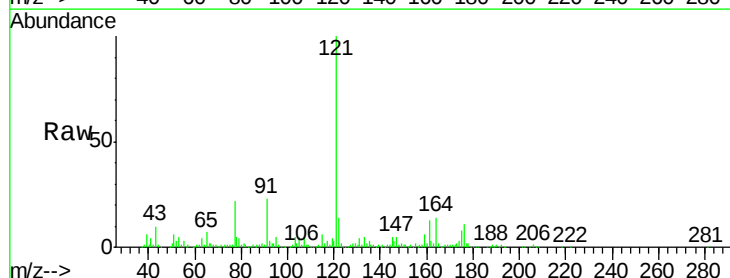
Tgt Ion:165 Resp: 12193

Ion Ratio Lower Upper

165 100

63 235.9 56.8 85.2#

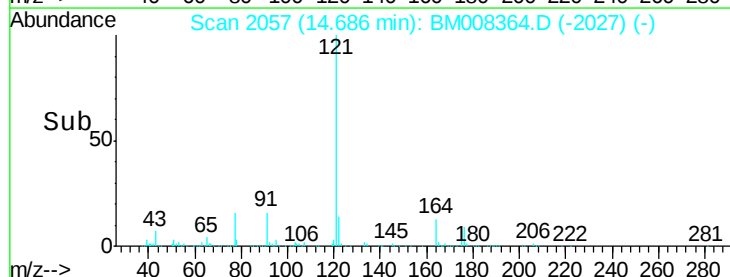
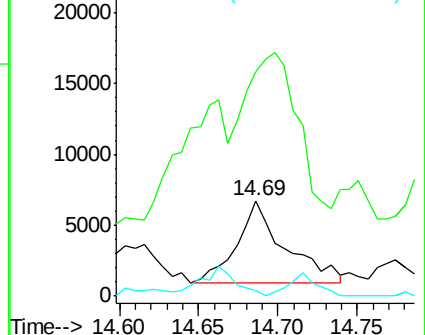
182 5.2 2.3 3.5#

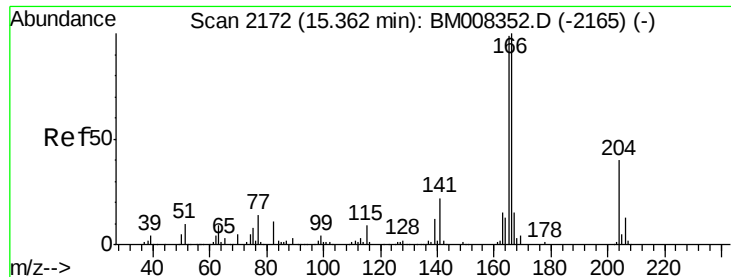


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 5.27 ng/ul

RT: 15.36 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM008364.D

Acq: 16 Dec 2016 03:52

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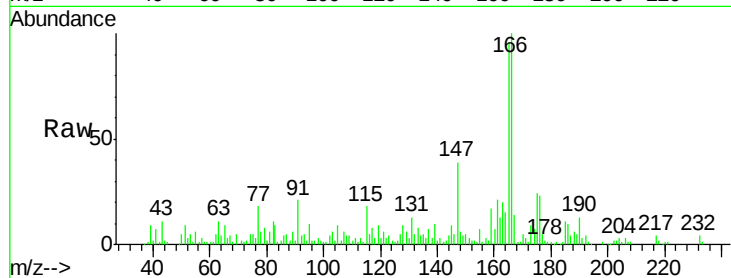
Tgt Ion:166 Resp: 141140

Ion Ratio Lower Upper

166 100

165 96.1 79.3 118.9

167 13.7 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

