

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
 Data File : BM008363.D
 Acq On : 16 Dec 2016 03:15
 Operator : UM/SJ
 Sample : H5939-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S1

Quant Time: Dec 16 03:50:42 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	132646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	518799	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	363660	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	727012	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	890126	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	905352	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	19324	6.85	ng/uL	-0.02
5) Phenol-d5	6.86	99	70855	6.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	191975	32.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	204706	26.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	138279	17.35	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	129202	34.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	146019	35.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	251782	33.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	39304	4.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	867500	35.89	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1030106	36.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	509	0.14	ng/ul	0.00
57) Fluorene-d10	15.30	176	771568	36.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	130374	30.13	ng/ul	0.00
70) Anthracene-d10	17.16	188	1177070	37.16	ng/ul	0.00
76) Pyrene-d10	19.46	212	1355414	39.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1377653	36.24	ng/ul	0.00

Target Compounds

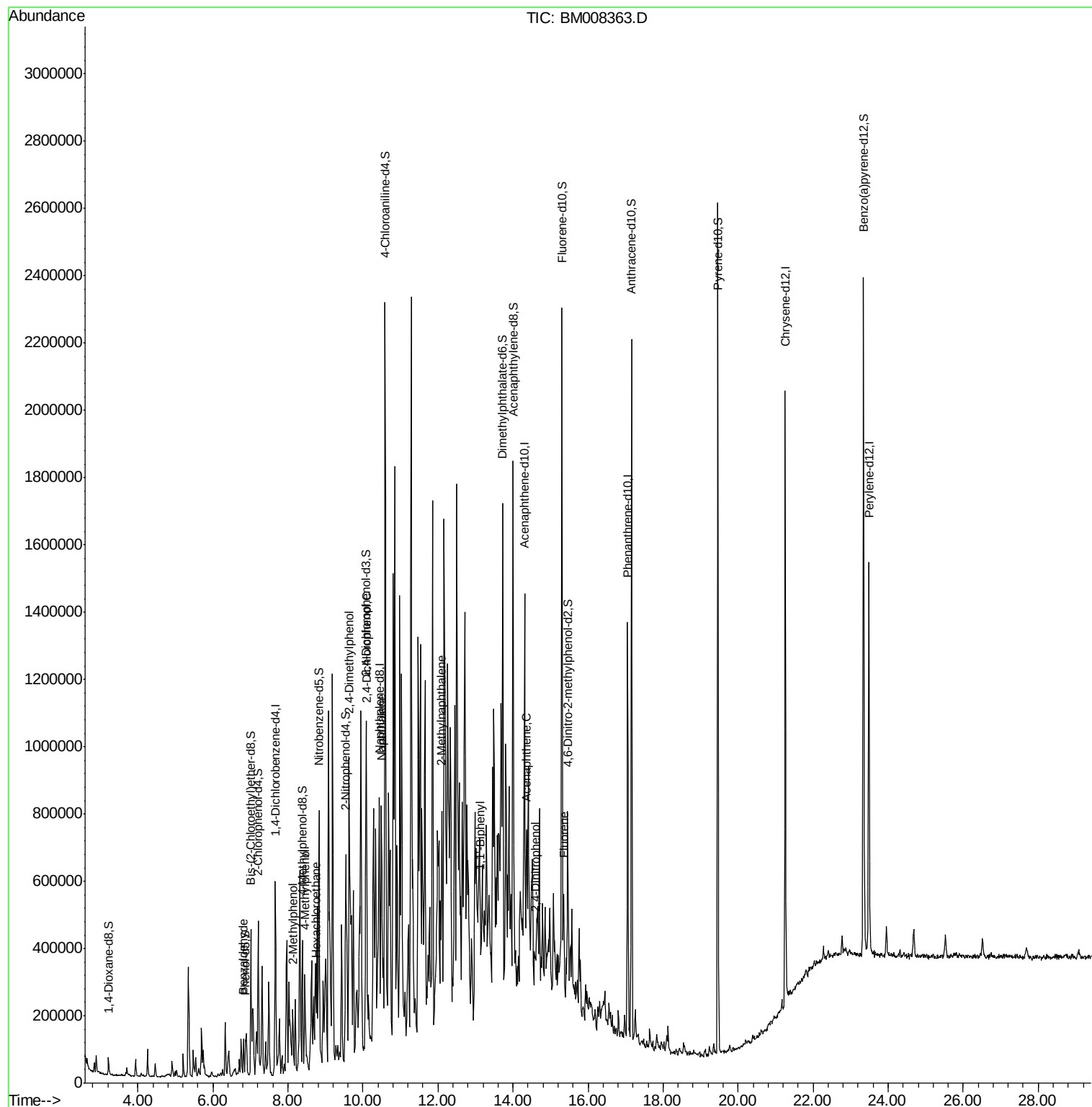
						Qvalue
4) Benzaldehyde	6.82	77	8896	1.31	ng/ul#	1
11) 2-Methylphenol	8.13	108	39832	5.09	ng/ul	92
16) 4-Methylphenol	8.46	108	88912	10.48	ng/ul	90
17) Hexachloroethane	8.75	117	14142	3.97	ng/ul#	3
24) 2,4-Dimethylphenol	9.63	107	363408	38.29	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	74151	9.66	ng/ul#	36
28) Naphthalene	10.49	128	439037	17.88	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	172528	9.72	ng/ul	99
40) 1,1'-Biphenyl	13.13	154	49225	2.03	ng/ul#	93
49) Acenaphthene	14.37	153	32859	1.64	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	3431	1.28	ng/ul#	52
58) Fluorene	15.36	166	51882	2.17	ng/ul	97

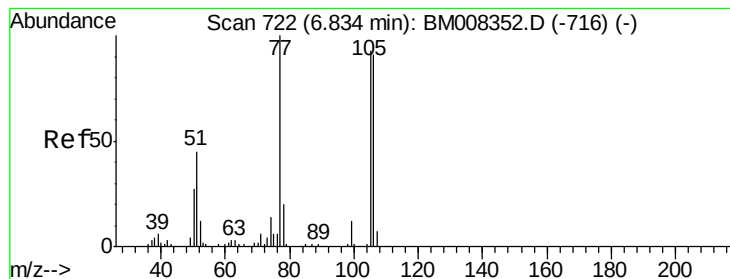
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#4

Benzaldehyde

Concen: 1.31 ng/ul

RT: 6.82 min Scan# 719

Delta R.T. -0.02 min

Lab File: BM008363.D

Acq: 16 Dec 2016 03:15

Instrument :

BNA_M

ClientSampleId :

DA8S1

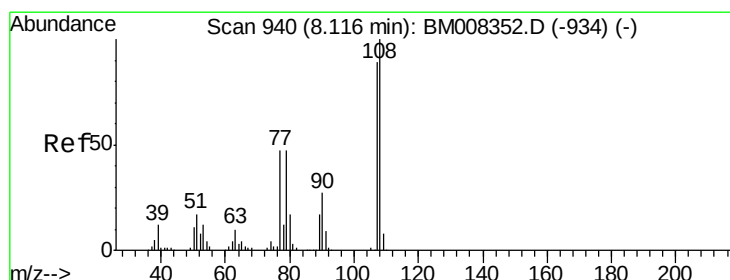
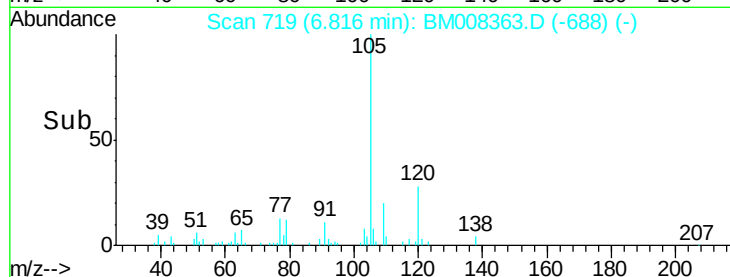
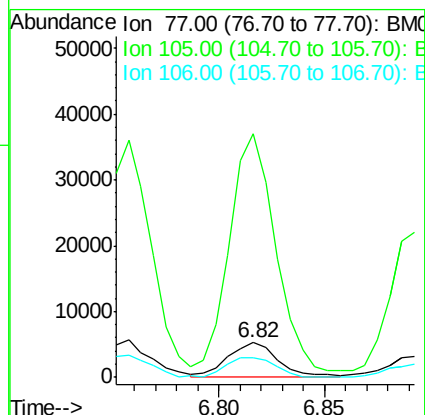
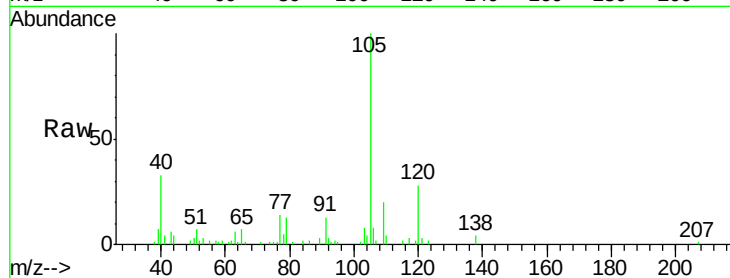
Tgt Ion: 77 Resp: 8896

Ion Ratio Lower Upper

77 100

105 706.8 70.2 105.4#

106 56.3 66.6 99.8#



#11

2-Methylphenol

Concen: 5.09 ng/ul

RT: 8.13 min Scan# 942

Delta R.T. 0.01 min

Lab File: BM008363.D

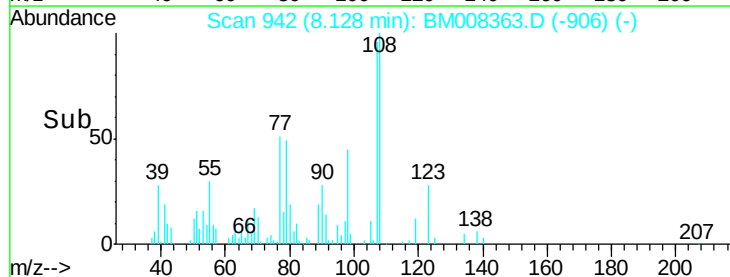
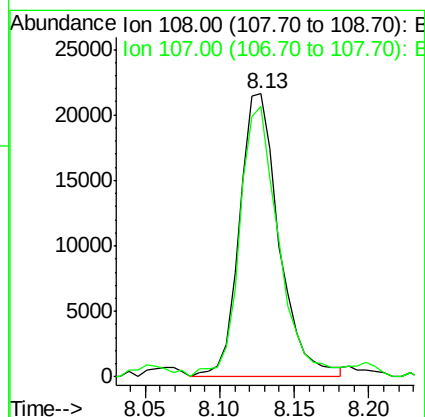
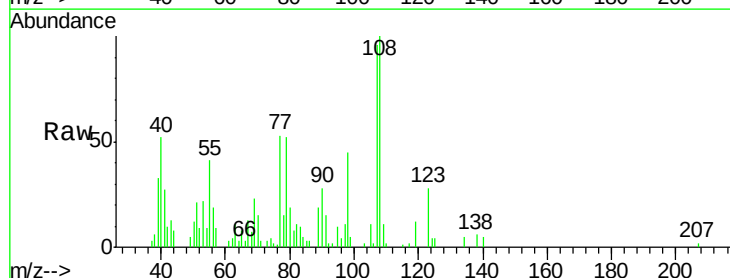
Acq: 16 Dec 2016 03:15

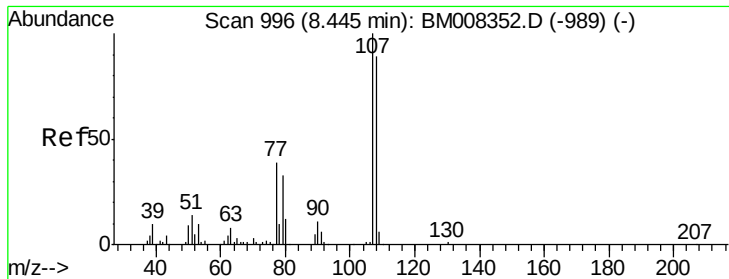
Tgt Ion: 108 Resp: 39832

Ion Ratio Lower Upper

108 100

107 95.5 70.8 106.2





#16

4-Methylphenol

Concen: 10.48 ng/ul

RT: 8.46 min Scan# 998

Delta R.T. 0.01 min

Lab File: BM008363.D

Acq: 16 Dec 2016 03:15

Instrument :

BNA_M

ClientSampled :

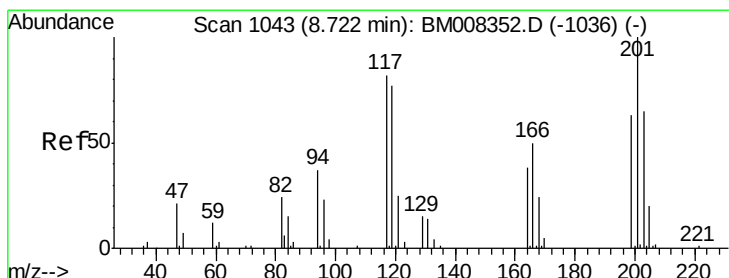
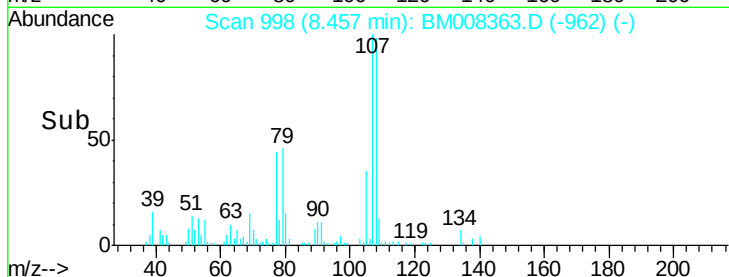
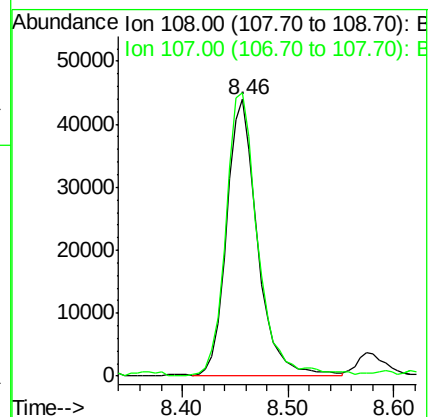
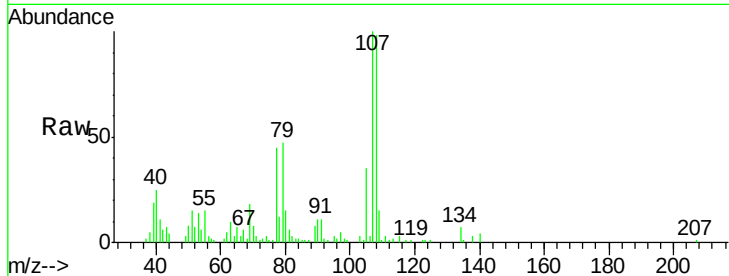
DA8S1

Tgt Ion:108 Resp: 88912

Ion Ratio Lower Upper

108 100

107 102.2 90.6 135.8



#17

Hexachloroethane

Concen: 3.97 ng/ul

RT: 8.75 min Scan# 1048

Delta R.T. 0.03 min

Lab File: BM008363.D

Acq: 16 Dec 2016 03:15

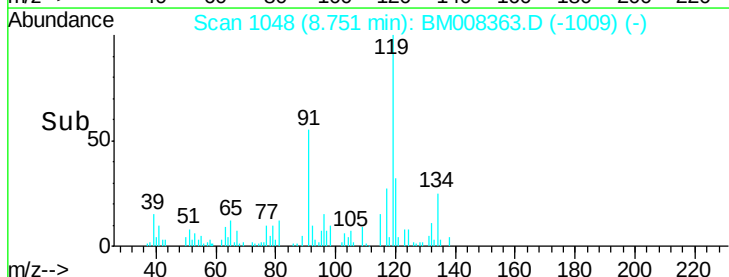
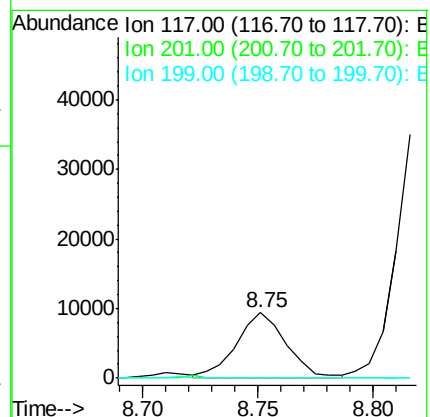
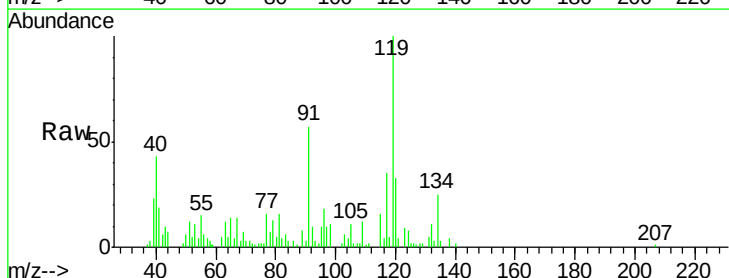
Tgt Ion:117 Resp: 14142

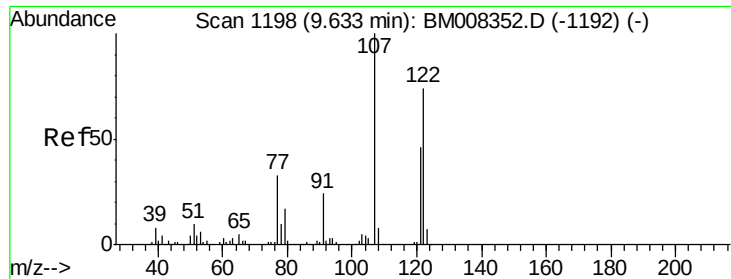
Ion Ratio Lower Upper

117 100

201 0.0 88.1 132.1#

199 0.0 54.9 82.3#





#24

2,4-Dimethylphenol

Concen: 38.29 ng/ul

RT: 9.63 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM008363.D

Acq: 16 Dec 2016 03:15

Instrument :

BNA_M

ClientSampleId :

DA8S1

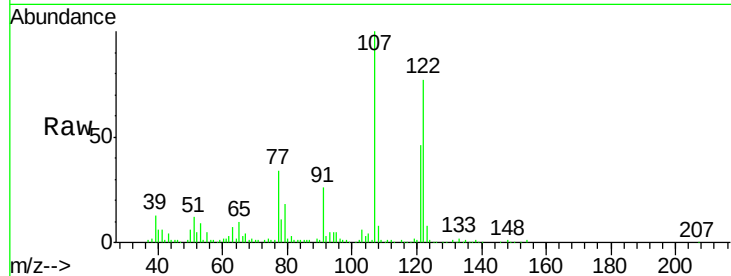
Tgt Ion:107 Resp: 363408

Ion Ratio Lower Upper

107 100

121 45.8 37.3 55.9

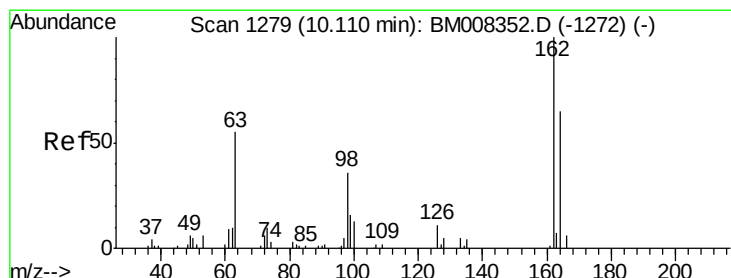
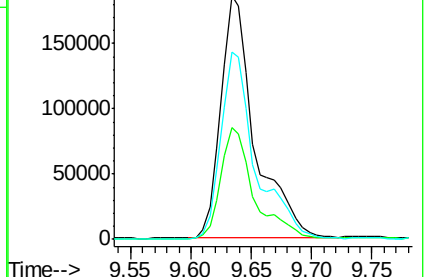
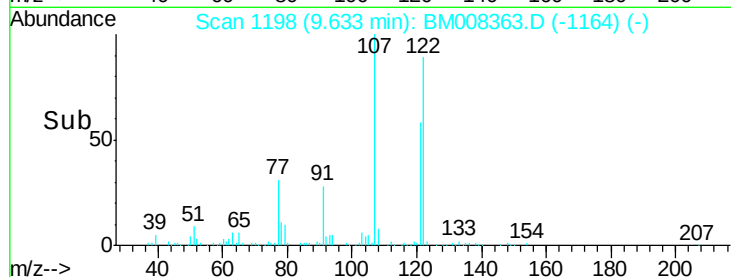
122 76.7 58.2 87.4



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: 9.66 ng/ul

RT: 10.10 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM008363.D

Acq: 16 Dec 2016 03:15

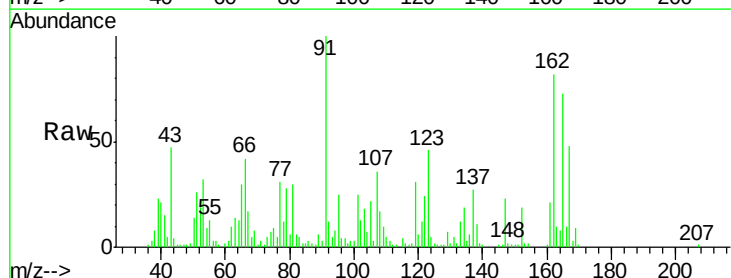
Tgt Ion:162 Resp: 74151

Ion Ratio Lower Upper

162 100

164 10.2 50.4 75.6#

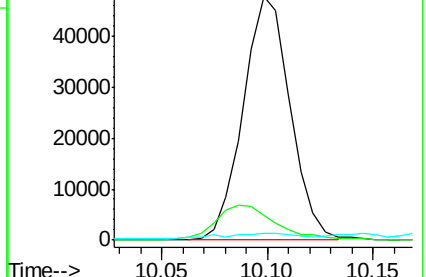
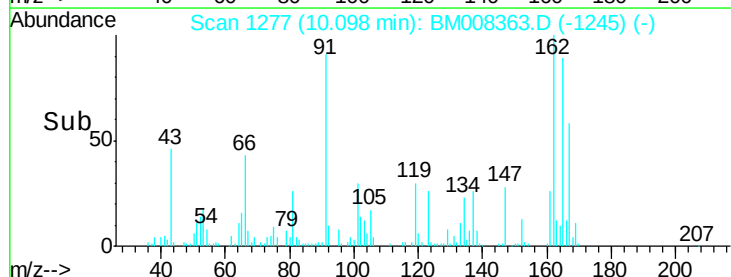
98 3.0 29.1 43.7#

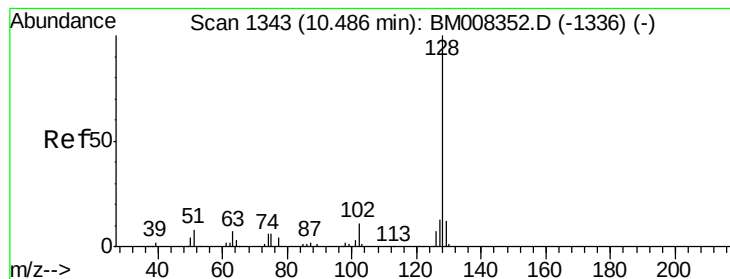


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM





#28

Naphthalene

Concen: 17.88 ng/ul

RT: 10.49 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BM008363.D

Acq: 16 Dec 2016 03:15

Instrument :

BNA_M

ClientSampleId :

DA8S1

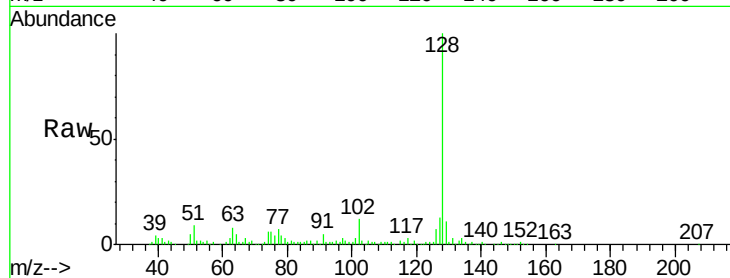
Tgt Ion:128 Resp: 439037

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

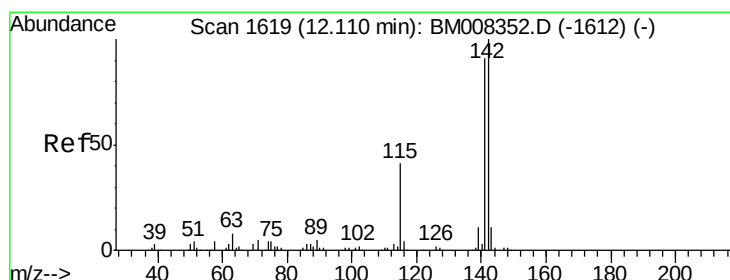
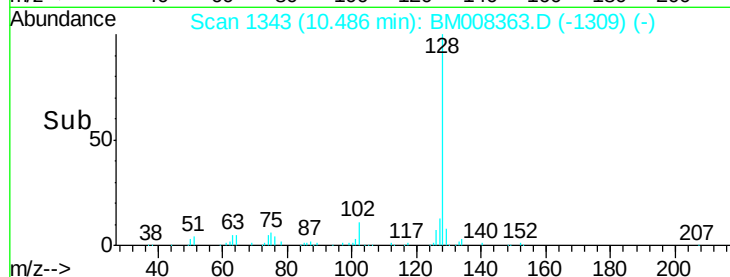
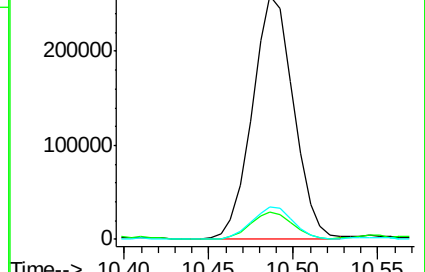
127 13.4 10.4 15.6



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: 9.72 ng/ul

RT: 12.10 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BM008363.D

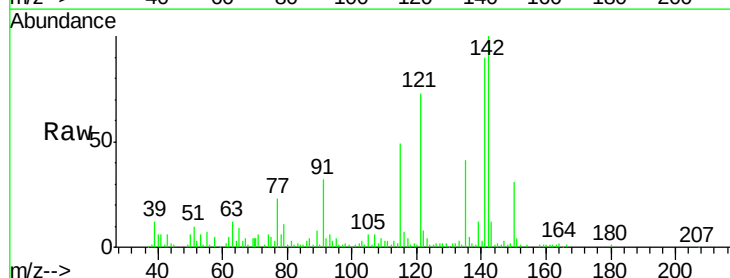
Acq: 16 Dec 2016 03:15

Tgt Ion:142 Resp: 172528

Ion Ratio Lower Upper

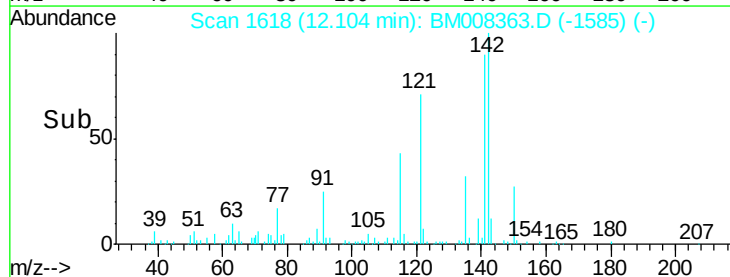
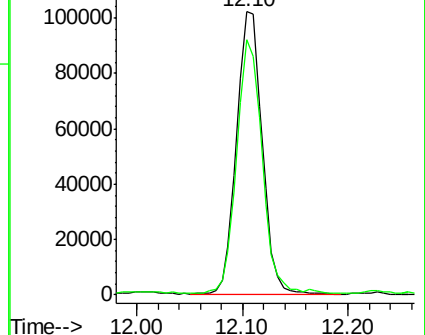
142 100

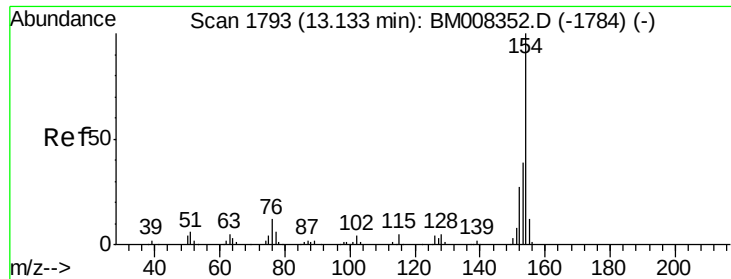
141 90.1 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

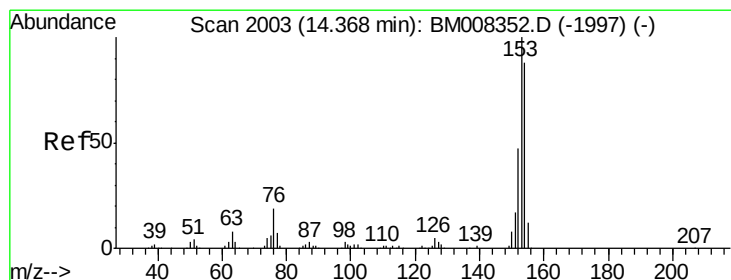
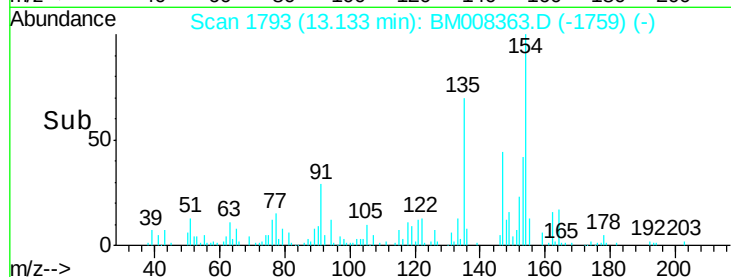
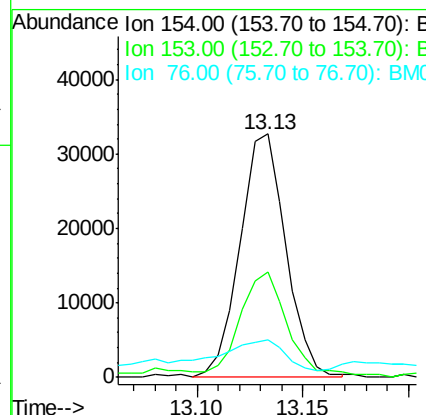
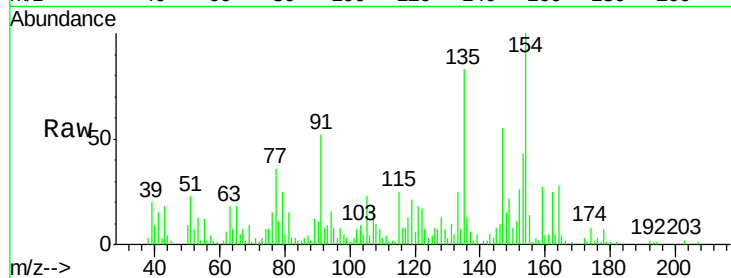




#40
1,1'-Biphenyl
Concen: 2.03 ng/ul
RT: 13.13 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BM008363.D
Acq: 16 Dec 2016 03:15

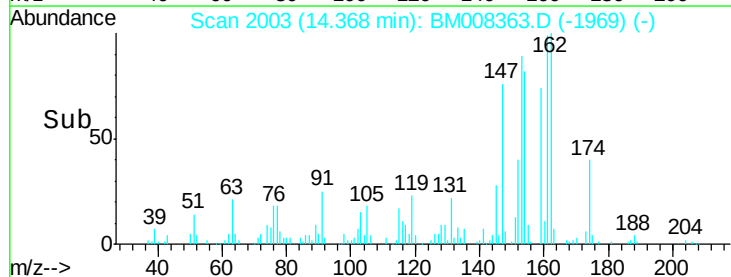
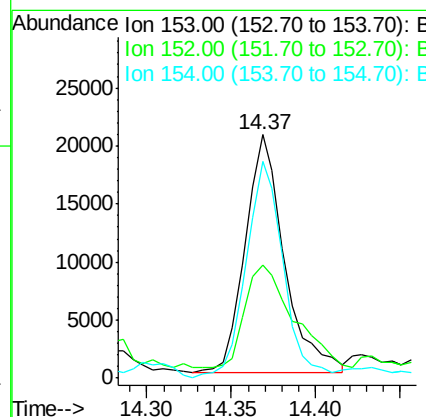
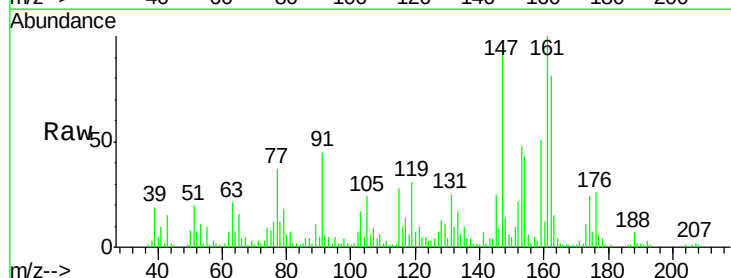
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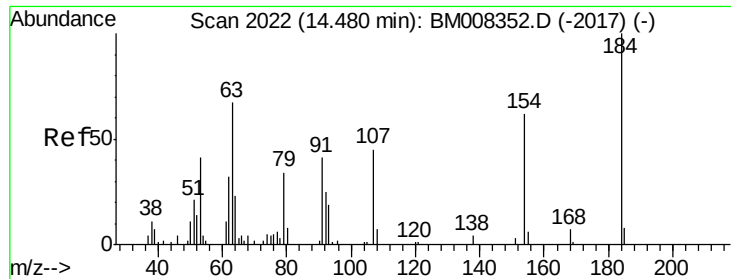
Tgt Ion:154 Resp: 49225
Ion Ratio Lower Upper
154 100
153 43.5 32.0 48.0
76 15.5 9.4 14.0#



#49
Acenaphthene
Concen: 1.64 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM008363.D
Acq: 16 Dec 2016 03:15

Tgt Ion:153 Resp: 32859
Ion Ratio Lower Upper
153 100
152 46.7 36.6 54.8
154 88.8 71.4 107.2

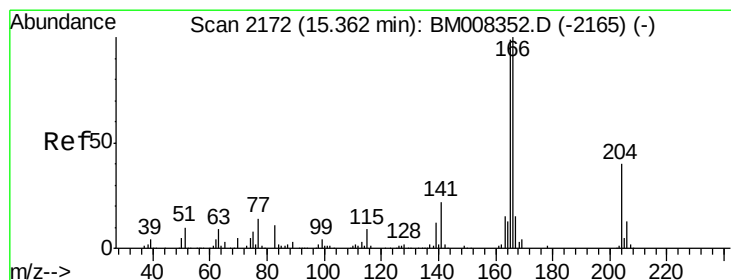
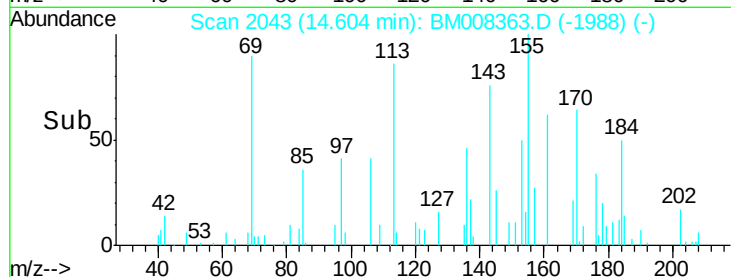
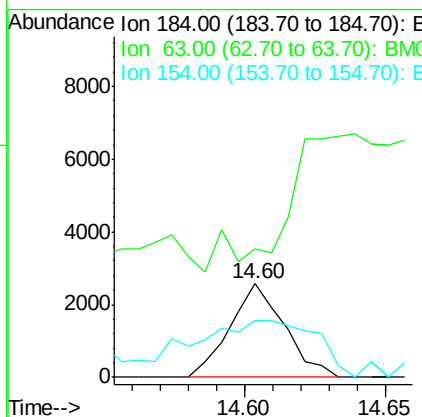
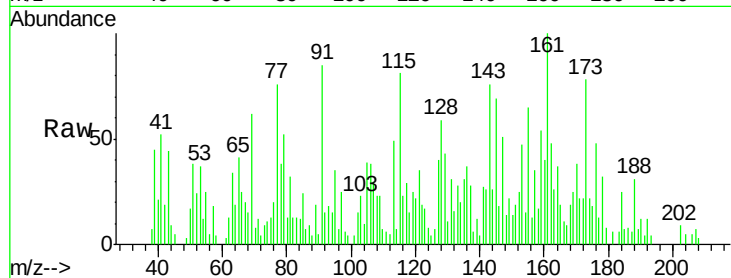




#50
 2,4-Dinitrophenol
 Concen: 1.28 ng/ul
 RT: 14.60 min Scan# 2043
 Delta R.T. 0.12 min
 Lab File: BM008363.D
 Acq: 16 Dec 2016 03:15

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:184 Resp: 3431
 Ion Ratio Lower Upper
 184 100
 63 137.3 51.9 77.9#
 154 59.9 48.5 72.7



#58
 Fluorene
 Concen: 2.17 ng/ul
 RT: 15.36 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BM008363.D
 Acq: 16 Dec 2016 03:15

Tgt Ion:166 Resp: 51882
 Ion Ratio Lower Upper
 166 100
 165 101.7 79.3 118.9
 167 14.9 10.7 16.1

