

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011583.D
 Acq On : 18 Sep 2017 23:38
 Operator : SJ/JU
 Sample : I5234-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7

Quant Time: Sep 19 03:55:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 19 03:50:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	425420	20.00	ng/ul	0.03
18) Naphthalene-d8	10.79	136	1745623	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.60	164	989268	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2194850	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2248668	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2020490	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	54624	5.78	ng/uL	0.00
5) Phenol-d5	7.12	99	244253	5.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	863044	31.35	ng/ul	0.01
9) 2-Chlorophenol-d4	7.50	132	725217	23.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	461579	14.47	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	495043	37.36	ng/ul	0.02
22) 2-Nitrophenol-d4	9.86	143	503135	36.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	846338	30.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	59120	1.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	2925965	34.99	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3504746	34.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	88221	5.61	ng/ul	0.00
58) Fluorene-d10	15.59	176	2525280	34.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	396817	31.07	ng/ul	0.00
71) Anthracene-d10	17.44	188	3987083	36.89	ng/ul	0.00
79) Pyrene-d10	19.72	212	4424623	42.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3559208	36.96	ng/ul	0.00

Target Compounds

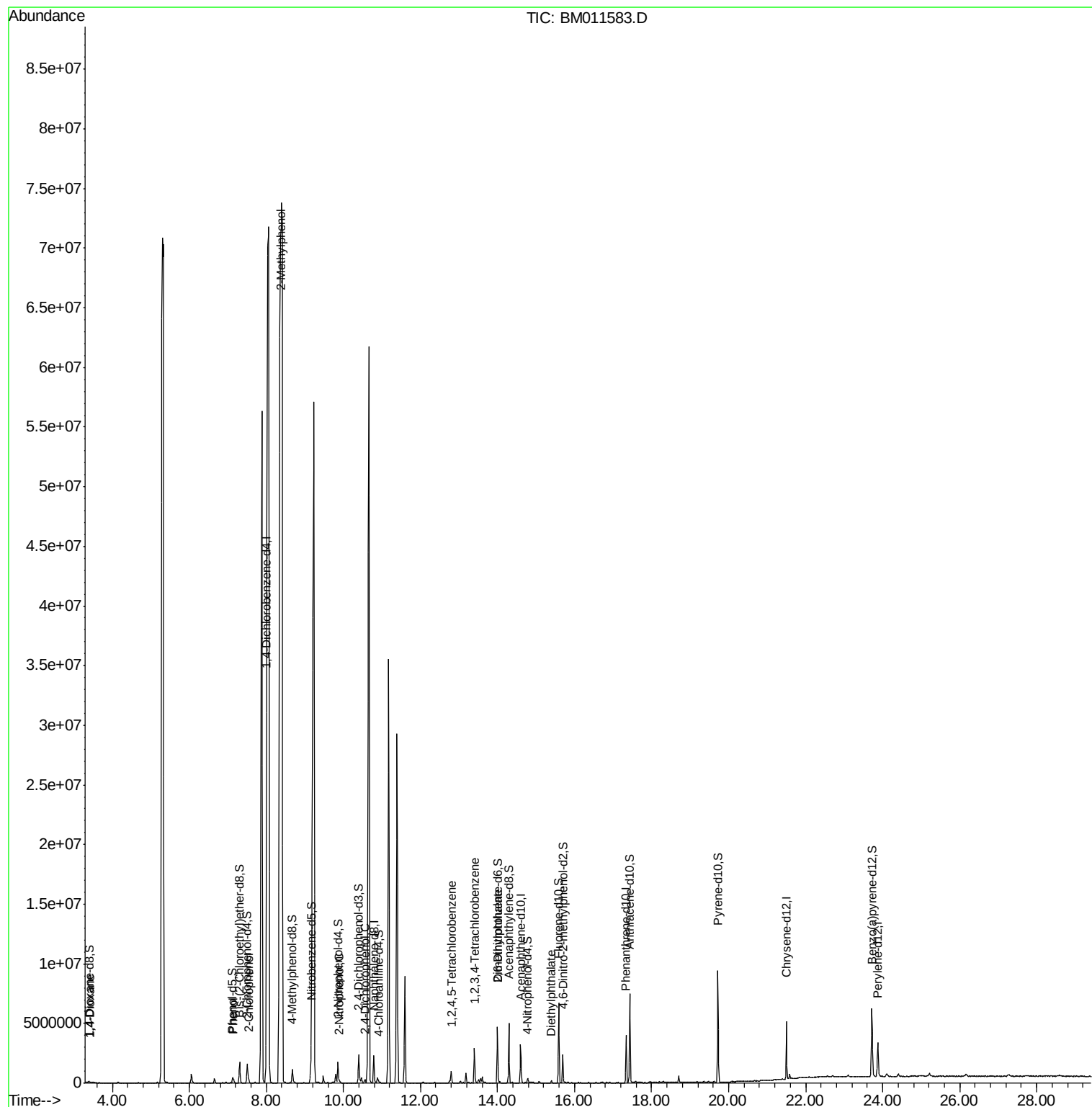
				Ovalue	
2) 1,4-Dioxane	3.43	88	14665	1.415	ng/uL# 67
6) Phenol	7.15	94	146928	3.623	ng/ul 95
10) 2-Chlorophenol	7.54	128	179556	5.979	ng/ul# 90
11) 2-Methylphenol	8.37	108	401008	13.043	ng/ul 100
23) 2-Nitrophenol	9.89	139	39231	2.710	ng/ul 90
27) 2,4-Dichlorophenol	10.56	162	92891	3.474	ng/ul 96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	267666	9.121	ng/ul# 98
46) 2,6-Dinitrotoluene	14.01	165	14824	1.048	ng/ul# 43
57) Diethylphthalate	15.40	149	91626	1.100	ng/ul 97
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	852697	29.155	ng/uL 98

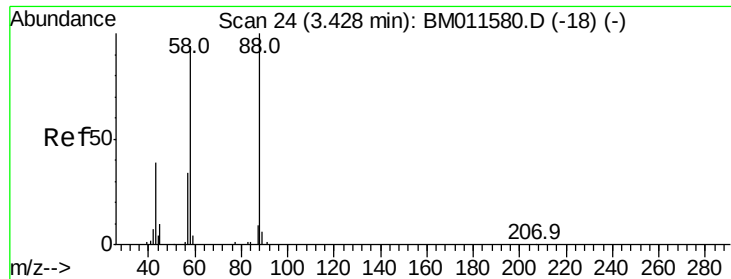
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.415 ng/uL

RT: 3.43 min Scan# 24

Delta R.T. -0.00 min

Lab File: BM011583.D

Acq: 18 Sep 2017 23:38

Instrument :

BNA_M

ClientSampleId :

C0AB7

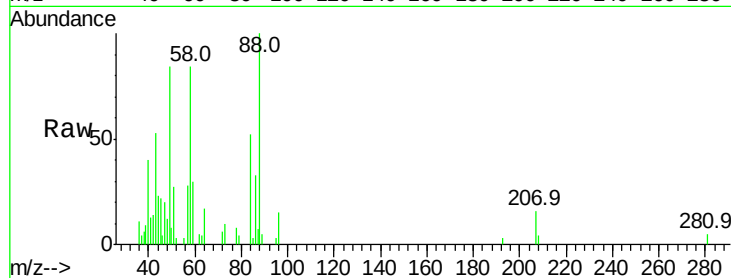
Tot Ion: 88 Resp: 14665

Ion Ratio Lower Upper

88 100

43 52.8 29.0 43.4#

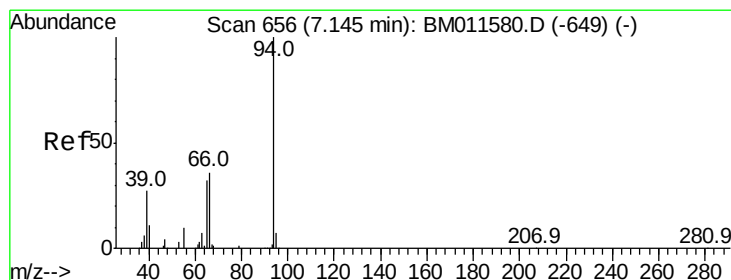
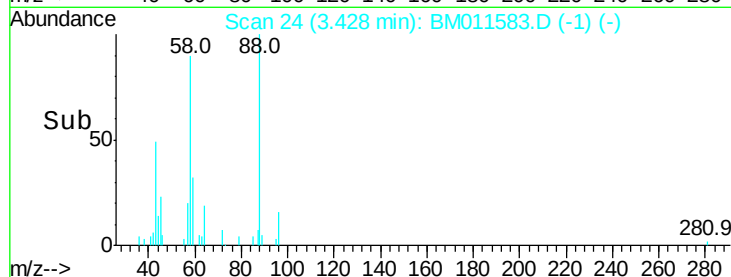
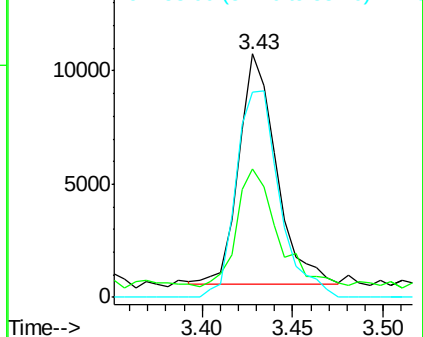
58 84.4 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BM011583.D (-1)

Ion 43.00 (42.70 to 43.70): BM011583.D (-1)

Ion 58.00 (57.70 to 58.70): BM011583.D (-1)



#6

Phenol

Concen: 3.623 ng/uL

RT: 7.15 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM011583.D

Acq: 18 Sep 2017 23:38

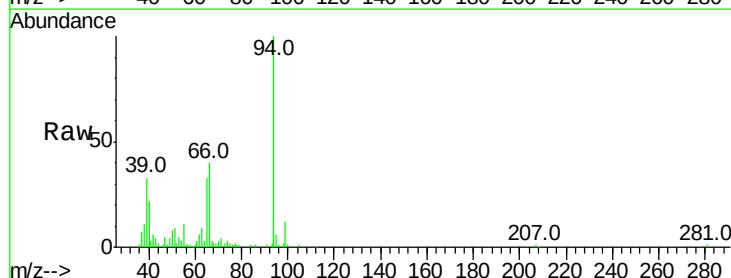
Tgt Ion: 94 Resp: 146928

Ion Ratio Lower Upper

94 100

65 33.0 23.0 34.6

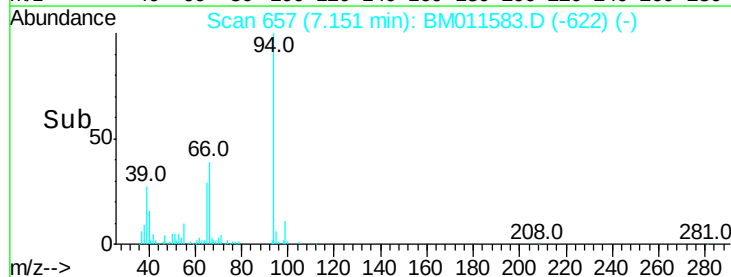
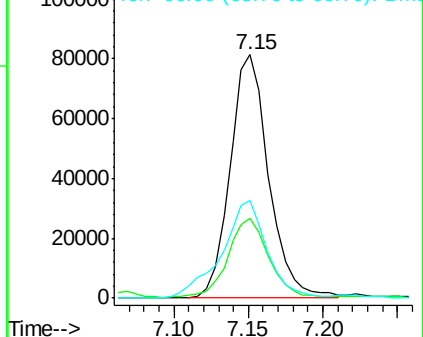
66 40.0 30.4 45.6

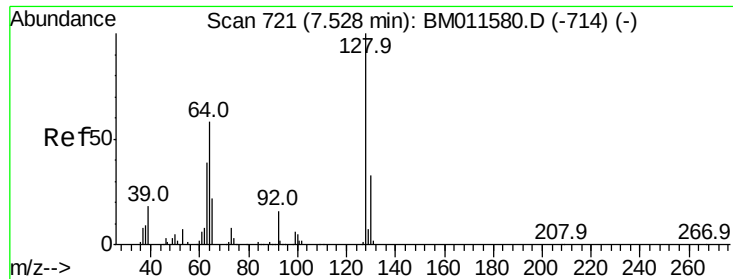


Abundance Ion 94.00 (93.70 to 94.70): BM011583.D (-622)

Ion 65.00 (64.70 to 65.70): BM011583.D (-622)

Ion 66.00 (65.70 to 66.70): BM011583.D (-622)

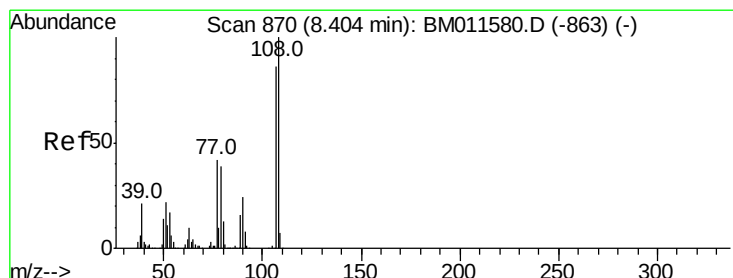
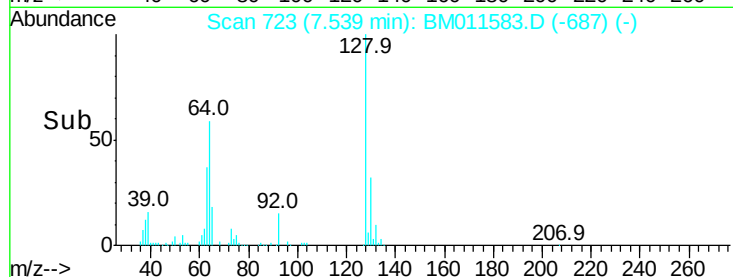
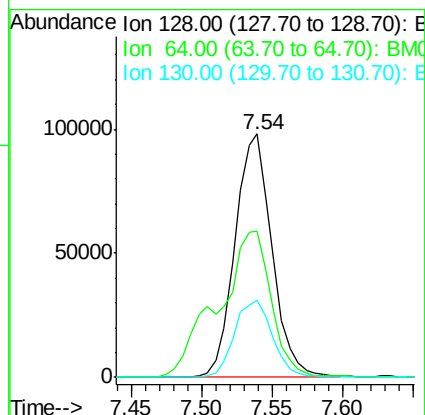
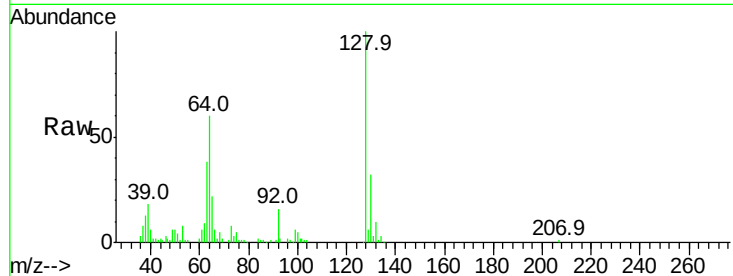




#10
2-Chlorophenol
Concen: 5.979 ng/ul
RT: 7.54 min Scan# 723
Delta R.T. 0.01 min
Lab File: BM011583.D
Acq: 18 Sep 2017 23:38

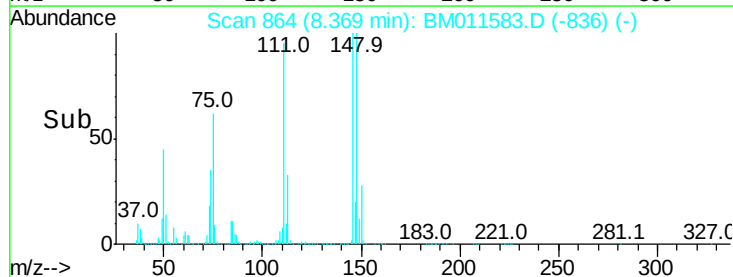
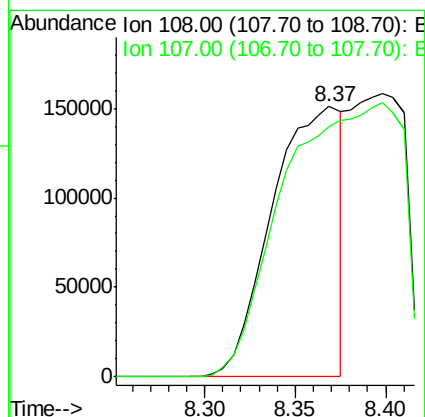
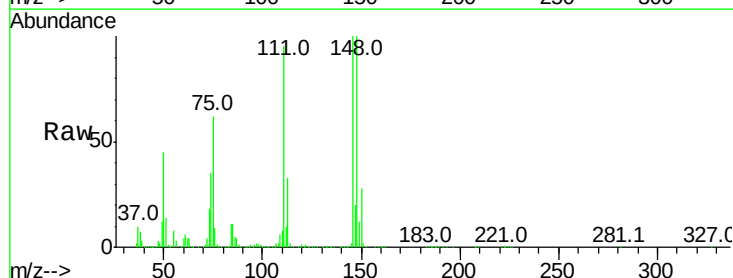
Instrument :
BNA_M
ClientSampleId :
C0AB7

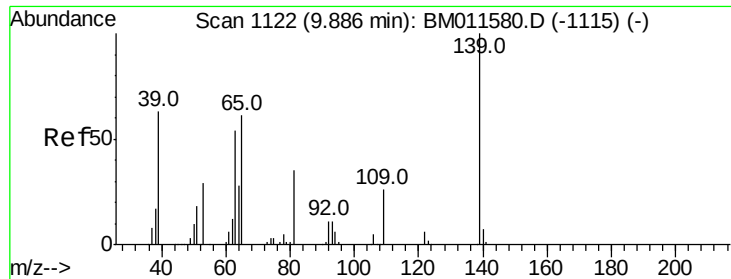
Tot Ion:128 Resp: 179556
Ion Ratio Lower Upper
128 100
64 59.9 39.8 59.6#
130 31.5 25.8 38.8



#11
2-Methylphenol
Concen: 13.043 ng/ul
RT: 8.37 min Scan# 864
Delta R.T. -0.04 min
Lab File: BM011583.D
Acq: 18 Sep 2017 23:38

Tgt Ion:108 Resp: 401008
Ion Ratio Lower Upper
108 100
107 92.5 74.1 111.1

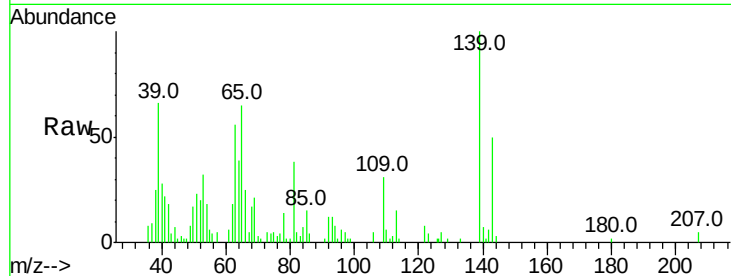




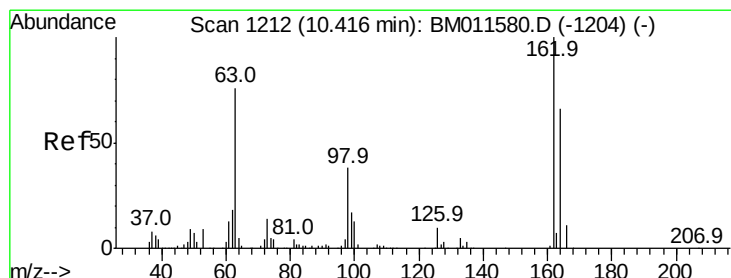
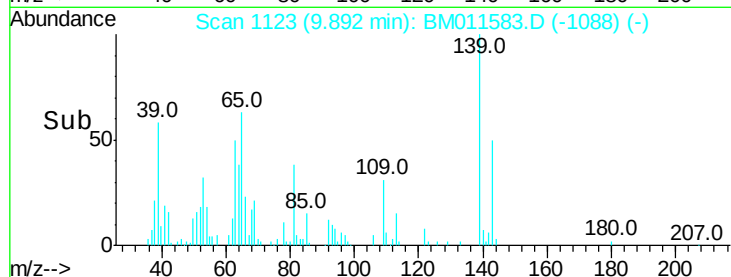
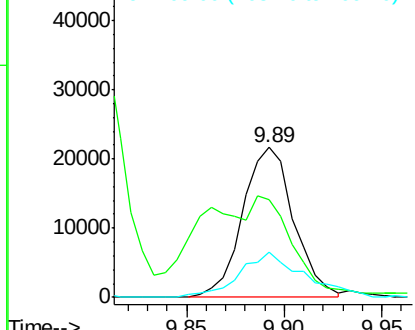
#23
2-Nitrophenol
Concen: 2.710 ng/ul
RT: 9.89 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BM011583.D
Acq: 18 Sep 2017 23:38

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tot Ion:139 Resp: 39231
Ion Ratio Lower Upper
139 100
65 65.0 45.3 67.9
109 30.5 27.7 41.5

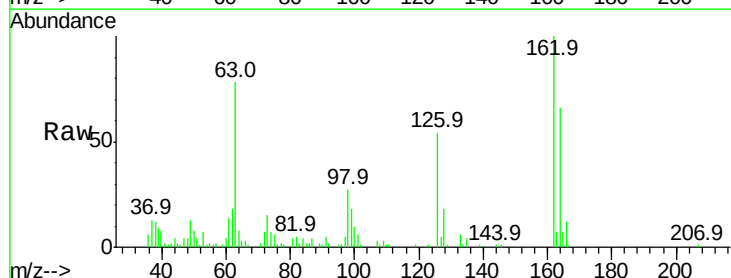


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 109.00 (108.70 to 109.70): E

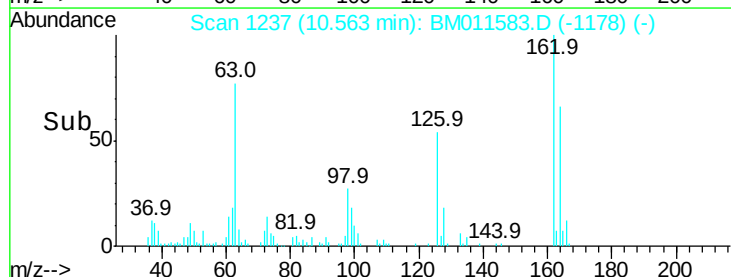
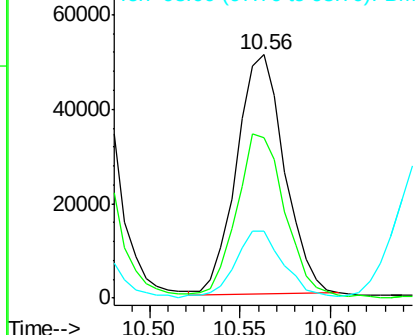


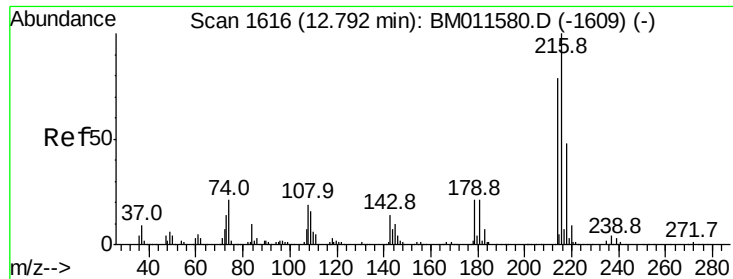
#27
2,4-Dichlorophenol
Concen: 3.474 ng/ul
RT: 10.56 min Scan# 1237
Delta R.T. 0.15 min
Lab File: BM011583.D
Acq: 18 Sep 2017 23:38

Tgt Ion:162 Resp: 92891
Ion Ratio Lower Upper
162 100
164 66.1 52.0 78.0
98 27.4 26.6 39.8



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): BM0





#37

1,2,4,5-Tetrachlorobenzene

Concen: 9.121 ng/ul

RT: 12.80 min Scan# 1617

Delta R.T. 0.01 min

Lab File: BM011583.D

Acq: 18 Sep 2017 23:38

Instrument :

BNA_M

ClientSampled :

C0AB7

Tot Ion:216 Resp: 267666

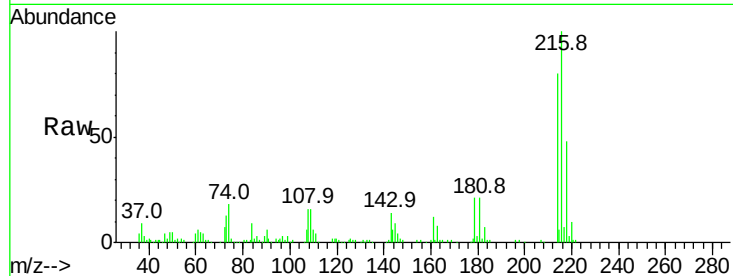
Ion Ratio Lower Upper

216 100

214 80.5 64.1 96.1

179 21.0 14.5 21.7

108 16.2 10.4 15.6#

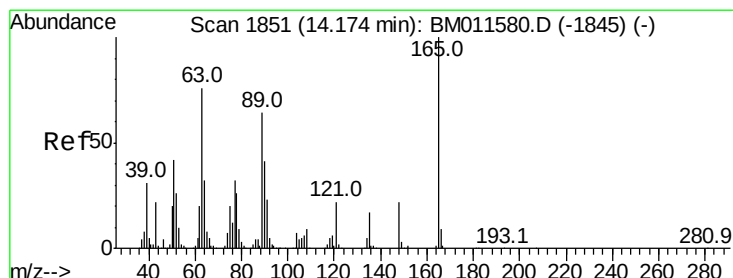
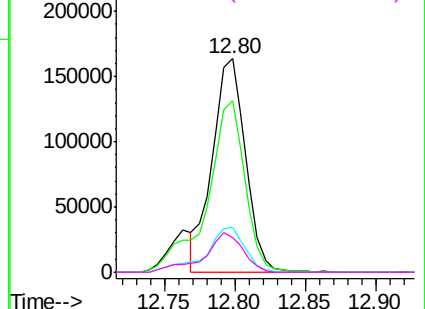
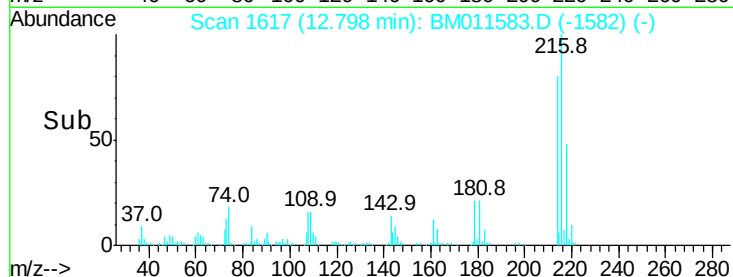


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#46

2,6-Dinitrotoluene

Concen: 1.048 ng/ul

RT: 14.01 min Scan# 1823

Delta R.T. -0.16 min

Lab File: BM011583.D

Acq: 18 Sep 2017 23:38

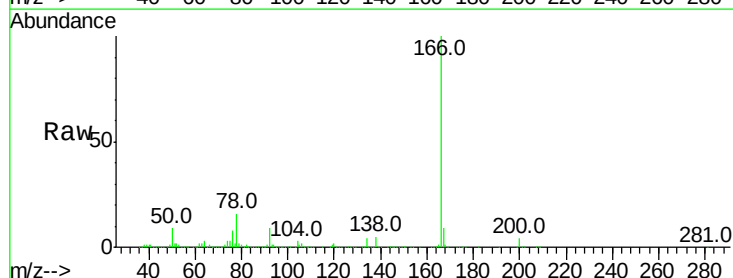
Tgt Ion:165 Resp: 14824

Ion Ratio Lower Upper

165 100

89 4.9 43.8 65.8#

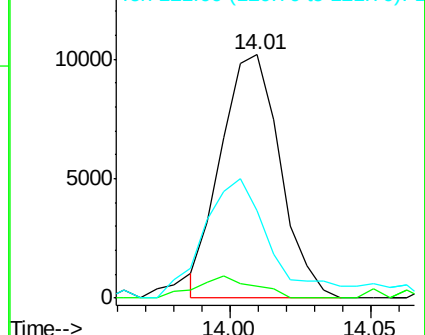
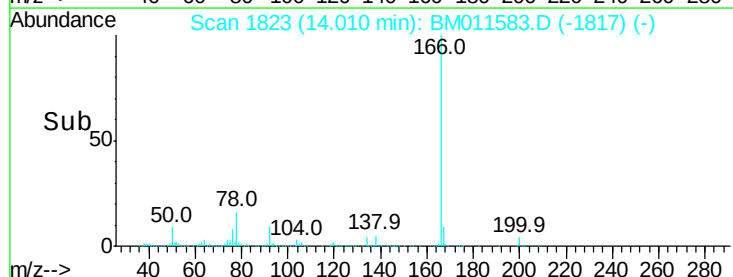
121 35.9 17.8 26.6#

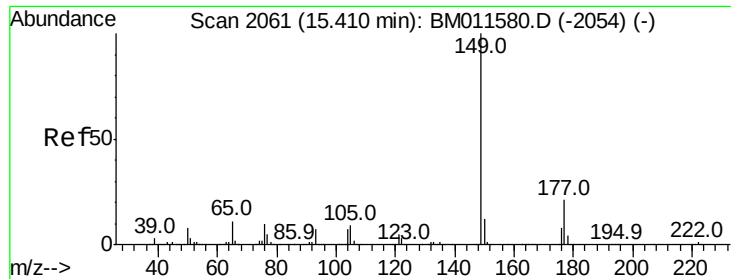


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#57

Diethylphthalate

Concen: 1.100 ng/ul

RT: 15.40 min Scan# 2060

Delta R.T. -0.01 min

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ClientSampleId :

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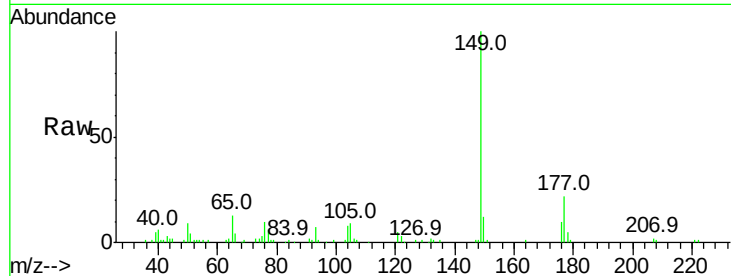
Tot Ion:149 Resp: 91626

Ion Ratio Lower Upper

149 100

177 22.3 19.3 28.9

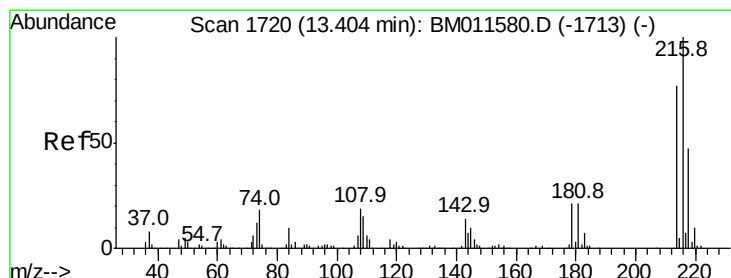
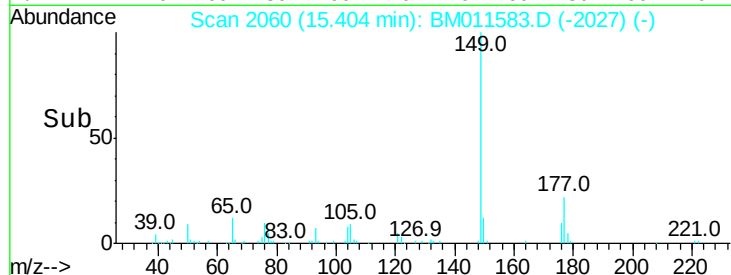
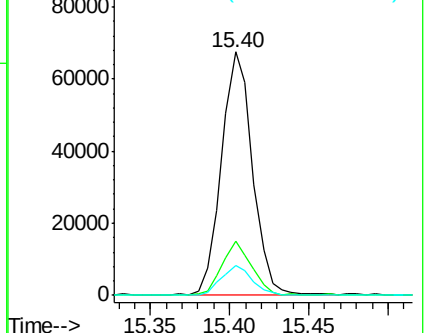
150 12.1 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 29.155 ng/uL

RT: 13.40 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM011583.D

Acq: 18 Sep 2017 23:38

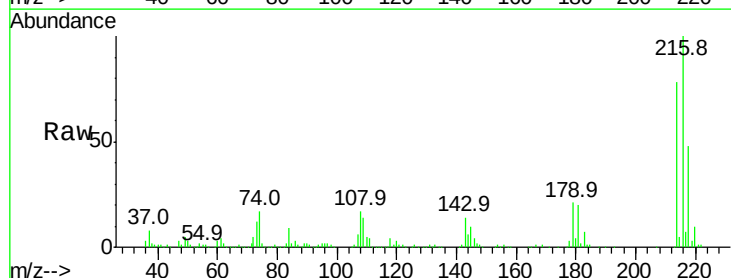
Tgt Ion:216 Resp: 852697

Ion Ratio Lower Upper

216 100

214 78.1 64.1 96.1

218 47.6 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

