

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011585.D
 Acq On : 19 Sep 2017 00:51
 Operator : SJ/JU
 Sample : I5234-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

Quant Time: Sep 19 03:55:42 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	7.98	152	423945	20.00	ng/ul	0.01
18) Naphthalene-d8	10.78	136	1783875	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1040979	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2289905	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2334211	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2054240	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	55877	5.93	ng/uL	0.00
5) Phenol-d5	7.12	99	238317	5.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	903570	32.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	757134	24.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	464123	14.60	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	497277	36.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	514500	36.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	864312	30.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	67155	2.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	3257513	37.01	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3811700	35.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	78978	4.78	ng/ul	0.00
58) Fluorene-d10	15.59	176	2828920	37.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	459066	34.45	ng/ul	0.00
71) Anthracene-d10	17.44	188	4773909	42.34	ng/ul	0.00
79) Pyrene-d10	19.72	212	5279489	48.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	4265247	43.57	ng/ul	0.00

Target Compounds

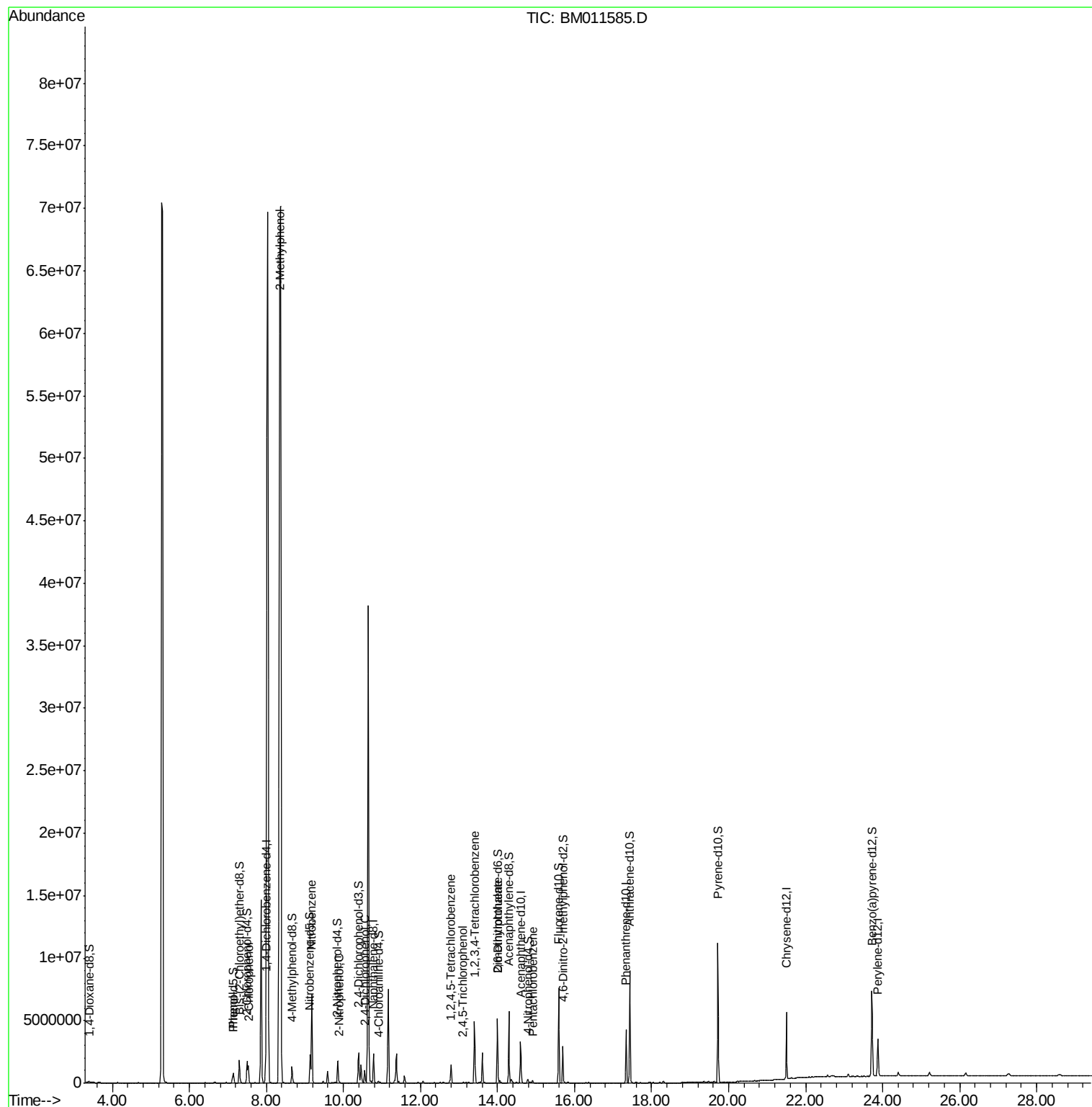
					Ovalue	
6) Phenol	7.15	94	393222	9.731	ng/ul	95
10) 2-Chlorophenol	7.53	128	533129	17.814	ng/ul#	89
11) 2-Methylphenol	8.36	108	325999	10.640	ng/ul	100
20) Nitrobenzene	9.18	77	3520109	110.548	ng/ul	96
23) 2-Nitrophenol	9.89	139	16645	1.125	ng/ul	94
27) 2,4-Dichlorophenol	10.55	162	293965	10.759	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	479387	15.525	ng/ul#	95
40) 2,4,5-Trichlorophenol	13.10	196	24899	1.168	ng/ul	97
46) 2,6-Dinitrotoluene	14.00	165	15750	1.058	ng/ul#	37
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1024036	33.559	ng/uL	98
74) Pentachlorobenzene	14.92	250	42461	1.372	ng/uL	94

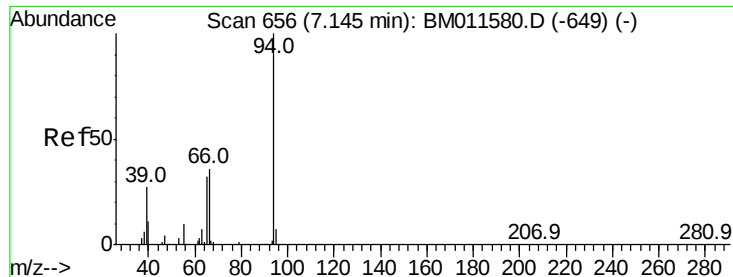
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 9.731 ng/ul

RT: 7.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM011585.D

Acq: 19 Sep 2017 00:51

Instrument :

BNA_M

ClientSampleId :

C0AB9

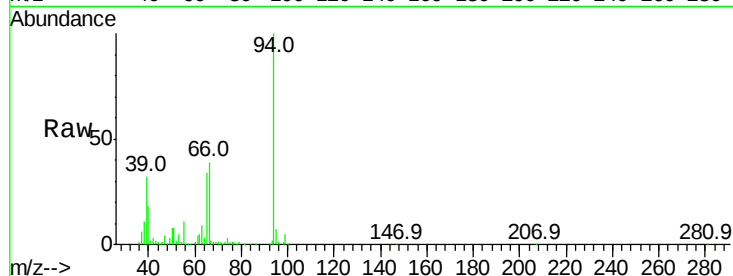
Tot Ion: 94 Resp: 393222

Ion Ratio Lower Upper

94 100

65 33.7 23.0 34.6

66 38.9 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM011580.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM011580.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM011580.D (-649) (-)

7.15

250000

200000

150000

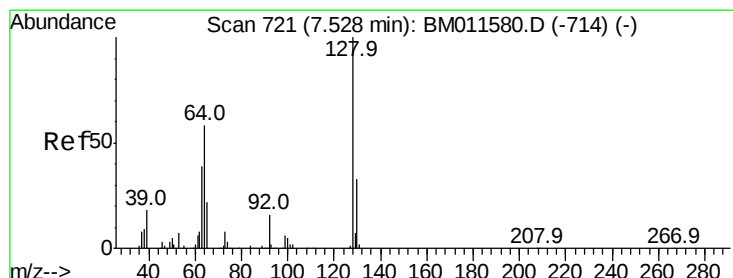
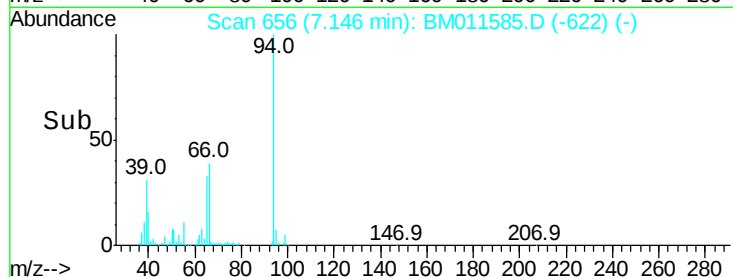
100000

50000

0

7.10 7.15 7.20

Time-->



#10

2-Chlorophenol

Concen: 17.814 ng/ul

RT: 7.53 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM011585.D

Acq: 19 Sep 2017 00:51

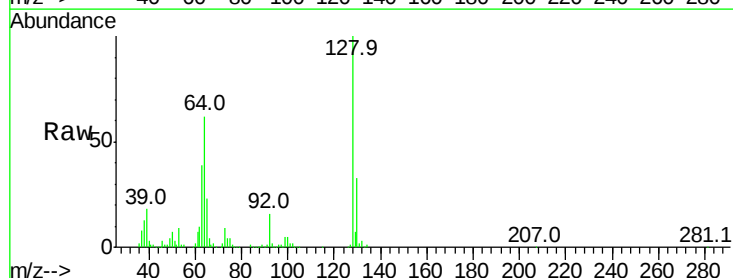
Tgt Ion: 128 Resp: 533129

Ion Ratio Lower Upper

128 100

64 61.8 39.8 59.6#

130 33.2 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): BM011580.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM011580.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM011580.D (-714) (-)

7.53

400000

300000

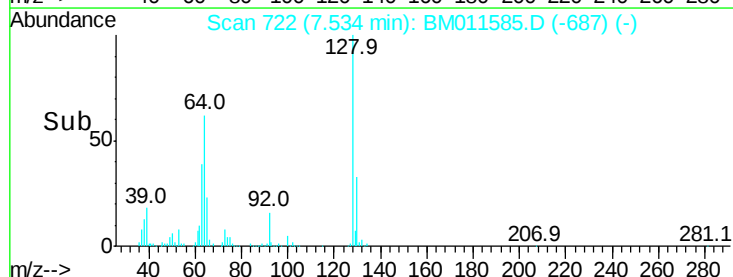
200000

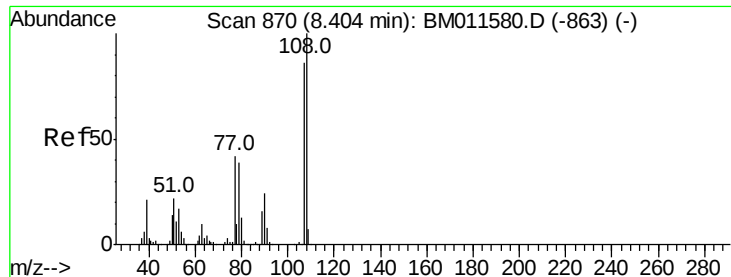
100000

0

7.45 7.50 7.55 7.60

Time-->





#11

2-Methylphenol

Concen: 10.640 ng/ul

RT: 8.36 min Scan# 862

Delta R.T. -0.05 min

Lab File: BM011585.D

Acq: 19 Sep 2017 00:51

Instrument :

BNA_M

ClientSampleId :

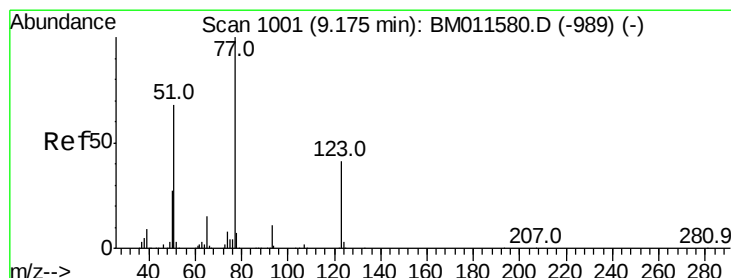
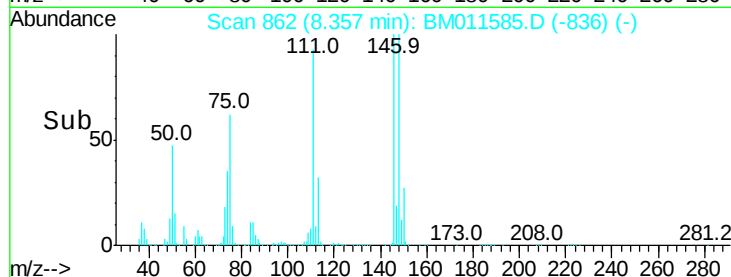
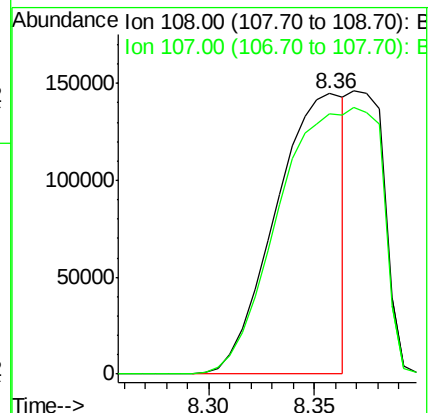
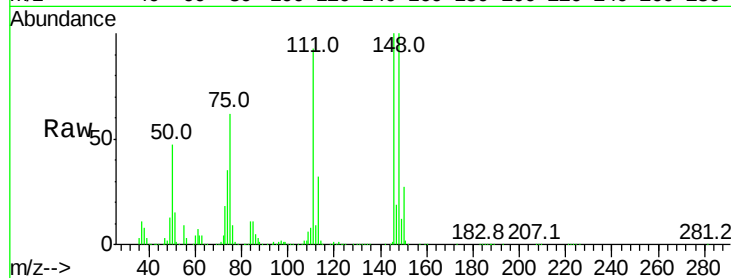
C0AB9

Tot Ion:108 Resp: 325999

Ion Ratio Lower Upper

108 100

107 92.7 74.1 111.1



#20

Nitrobenzene

Concen: 110.548 ng/ul

RT: 9.18 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BM011585.D

Acq: 19 Sep 2017 00:51

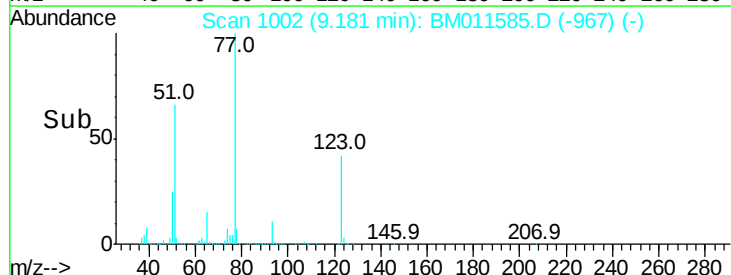
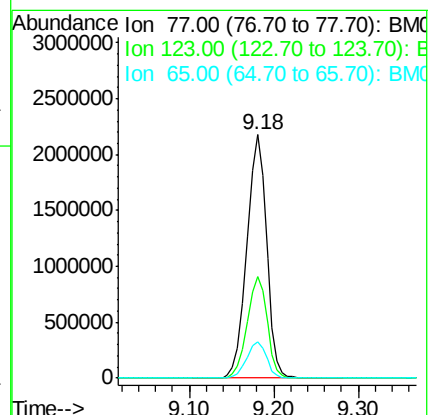
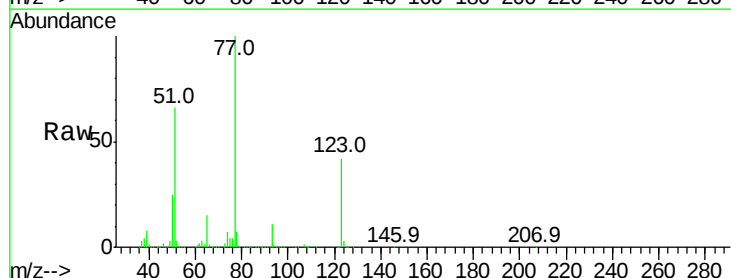
Tgt Ion: 77 Resp: 3520109

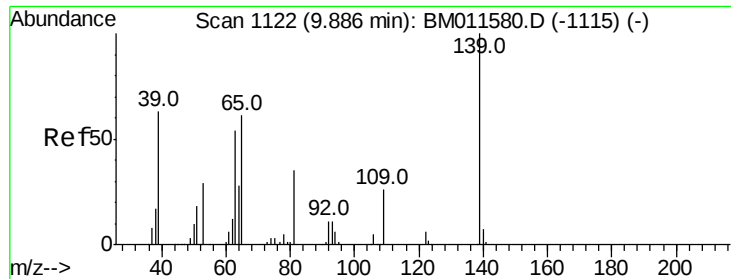
Ion Ratio Lower Upper

77 100

123 41.8 31.8 47.8

65 15.1 10.6 16.0

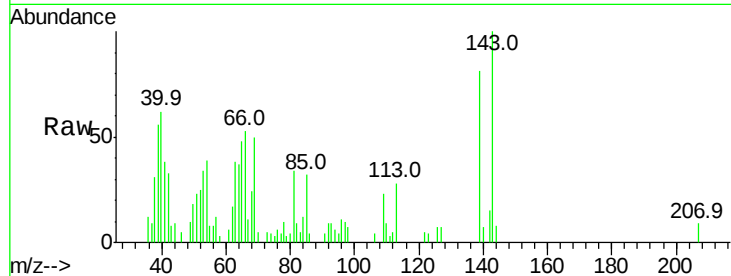




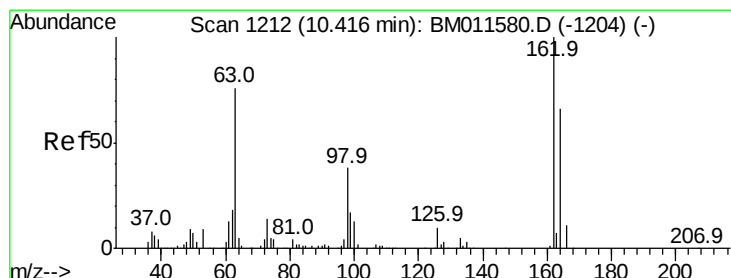
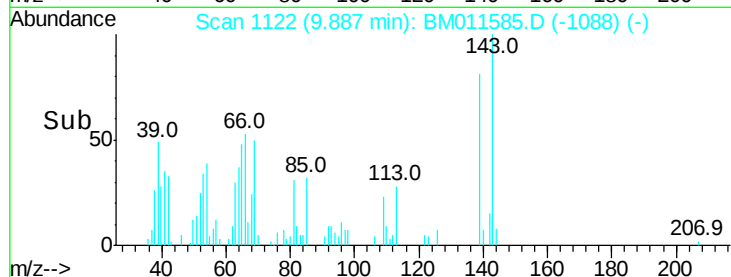
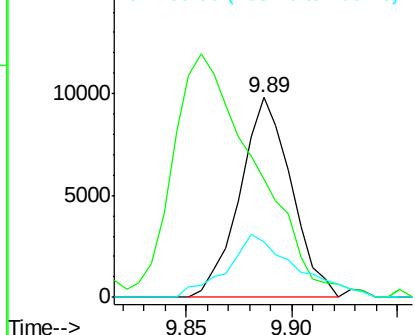
#23
2-Nitrophenol
Concen: 1.125 ng/ul
RT: 9.89 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM011585.D
Acq: 19 Sep 2017 00:51

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tot Ion:139 Resp: 16645
Ion Ratio Lower Upper
139 100
65 58.9 45.3 67.9
109 28.0 27.7 41.5

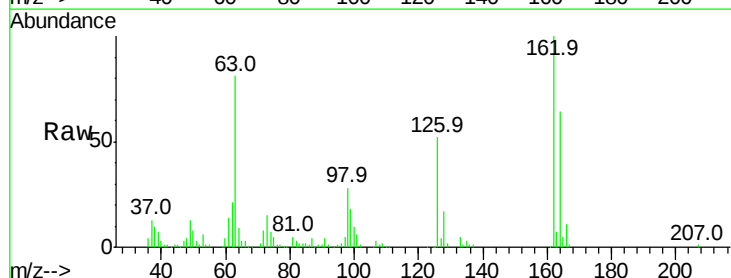


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 109.00 (108.70 to 109.70): E

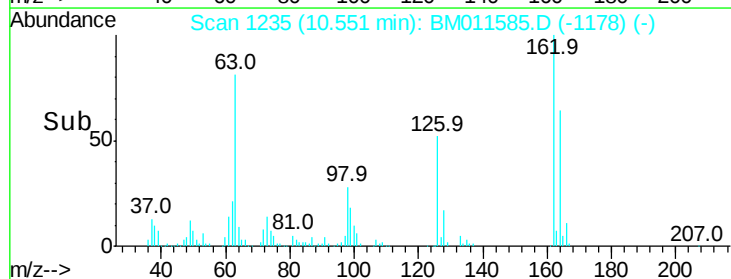
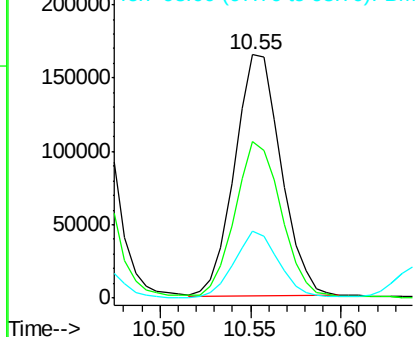


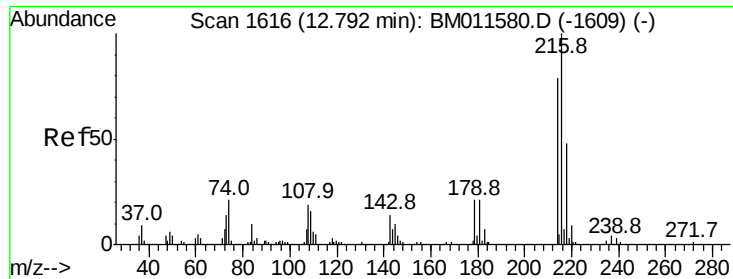
#27
2,4-Dichlorophenol
Concen: 10.759 ng/ul
RT: 10.55 min Scan# 1235
Delta R.T. 0.14 min
Lab File: BM011585.D
Acq: 19 Sep 2017 00:51

Tgt Ion:162 Resp: 293965
Ion Ratio Lower Upper
162 100
164 64.3 52.0 78.0
98 27.7 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

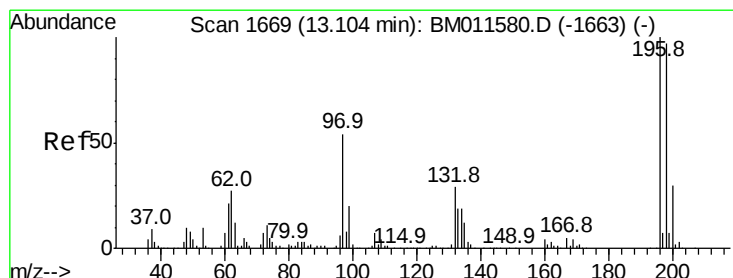
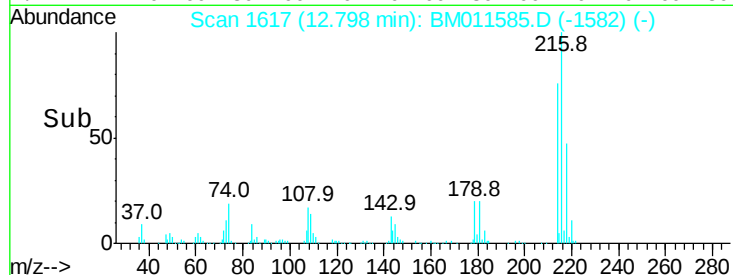
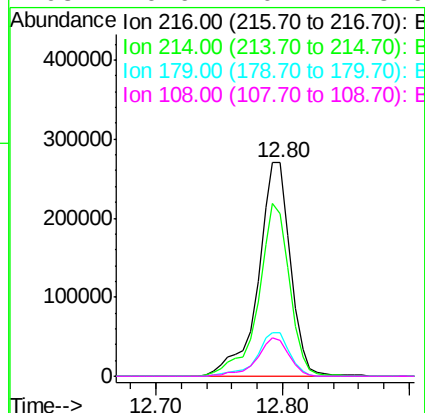
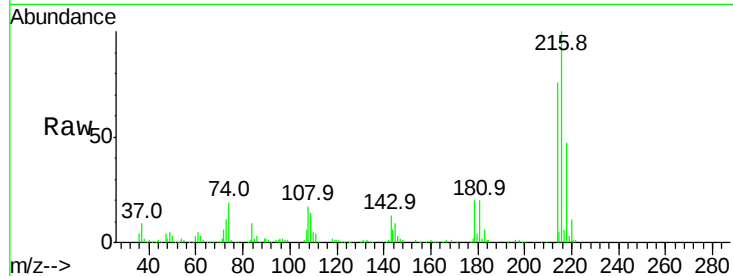




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 15.525 ng/ul
 RT: 12.80 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BM011585.D
 Acq: 19 Sep 2017 00:51

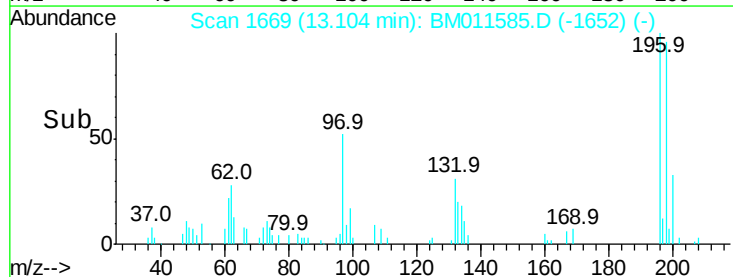
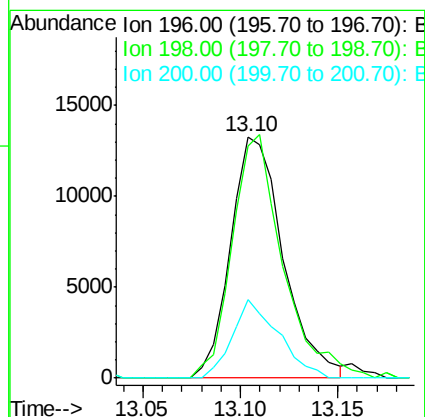
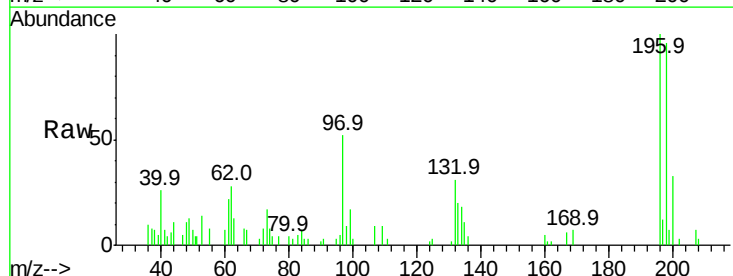
Instrument :
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 ClientSampleId :
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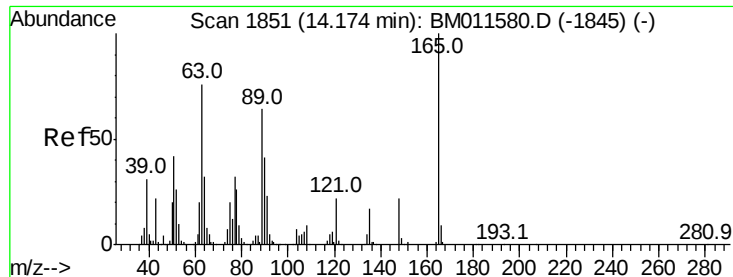
Tot Ion	Ratio	Lower	Upper
216	100		
214	76.3	64.1	96.1
179	20.2	14.5	21.7
108	16.6	10.4	15.6



#40
 2,4,5-Trichlorophenol
 Concen: 1.168 ng/ul
 RT: 13.10 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BM011585.D
 Acq: 19 Sep 2017 00:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.7	112.1
200	32.6	25.4	38.0

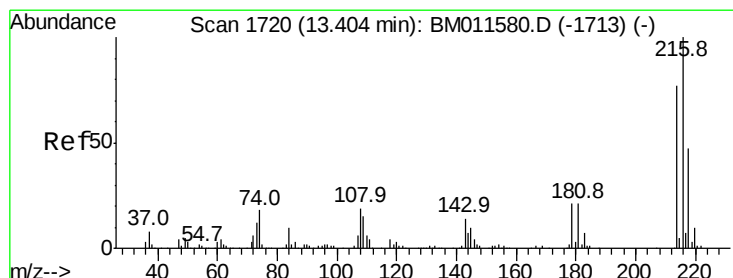
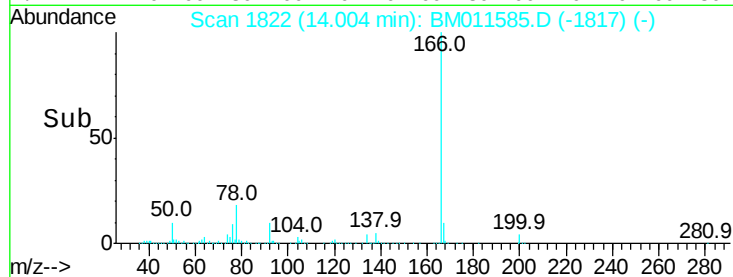
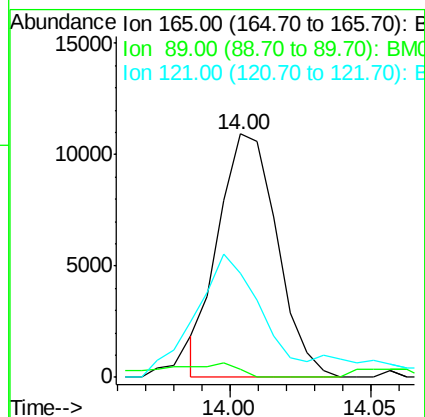
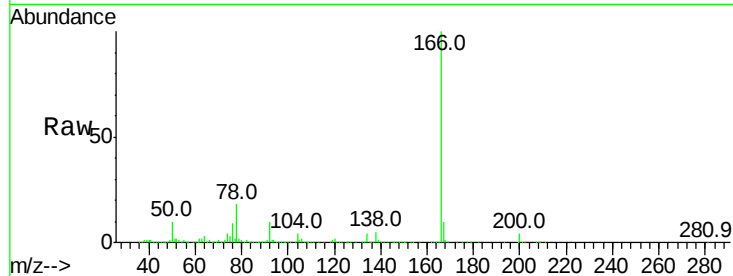




#46
 2,6-Dinitrotoluene
 Concen: 1.058 ng/uL
 RT: 14.00 min Scan# 1822
 Delta R.T. -0.17 min
 Lab File: BM011585.D
 Acq: 19 Sep 2017 00:51

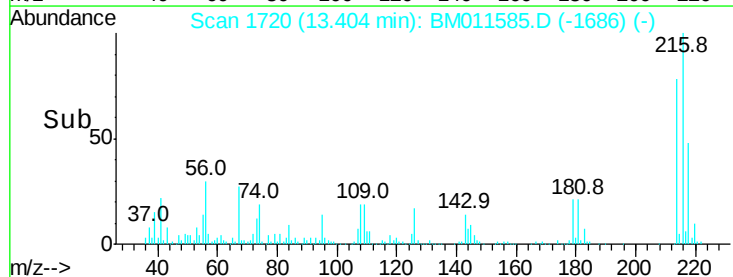
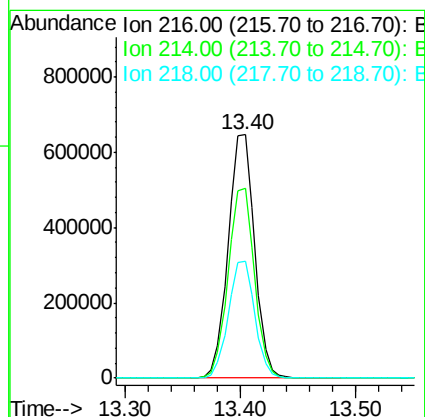
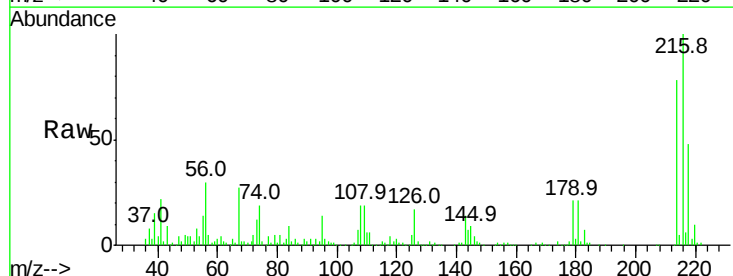
Instrument :
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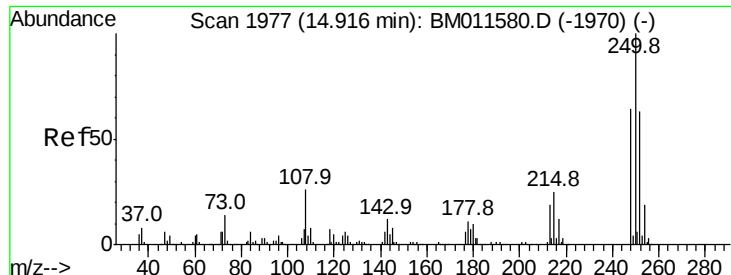
Tot Ion:165 Resp: 15750
 Ion Ratio Lower Upper
 165 100
 89 3.1 43.8 65.8#
 121 42.8 17.8 26.6#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 33.559 ng/uL
 RT: 13.40 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BM011585.D
 Acq: 19 Sep 2017 00:51

Tgt Ion:216 Resp: 1024036
 Ion Ratio Lower Upper
 216 100
 214 78.1 64.1 96.1
 218 48.0 39.4 59.0





#74

Pentachlorobenzene

Concen: 1.372 ng/uL

RT: 14.92 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM011585.D

Acq: 19 Sep 2017 00:51

Instrument :

BNA_M

ClientSampleId :

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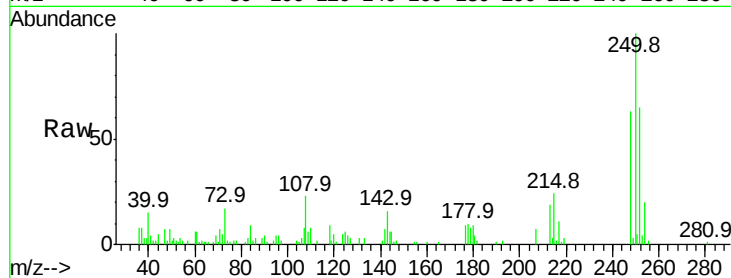
Tot Ion:250 Resp: 42461

Ion Ratio Lower Upper

250 100

248 62.7 51.4 77.2

252 69.7 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

