

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011584.D
 Acq On : 19 Sep 2017 00:15
 Operator : SJ/JU
 Sample : I5234-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB8

Quant Time: Sep 19 03:55:30 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	395666	20.00	ng/ul	0.01
18) Naphthalene-d8	10.78	136	1671063	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	976429	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2157351	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2228180	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2020612	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	53293	6.06	ng/uL	0.00
5) Phenol-d5	7.12	99	216406	5.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	839155	32.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	690883	24.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	438129	14.77	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	462114	36.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	487306	36.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	812094	30.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	68832	2.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	3043960	36.87	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3562497	35.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	80149	5.17	ng/ul	0.00
58) Fluorene-d10	15.59	176	2632307	36.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	430909	34.33	ng/ul	0.00
71) Anthracene-d10	17.44	188	4385941	41.28	ng/ul	0.00
79) Pyrene-d10	19.72	212	4993101	47.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	4213791	43.76	ng/ul	0.00

Target Compounds

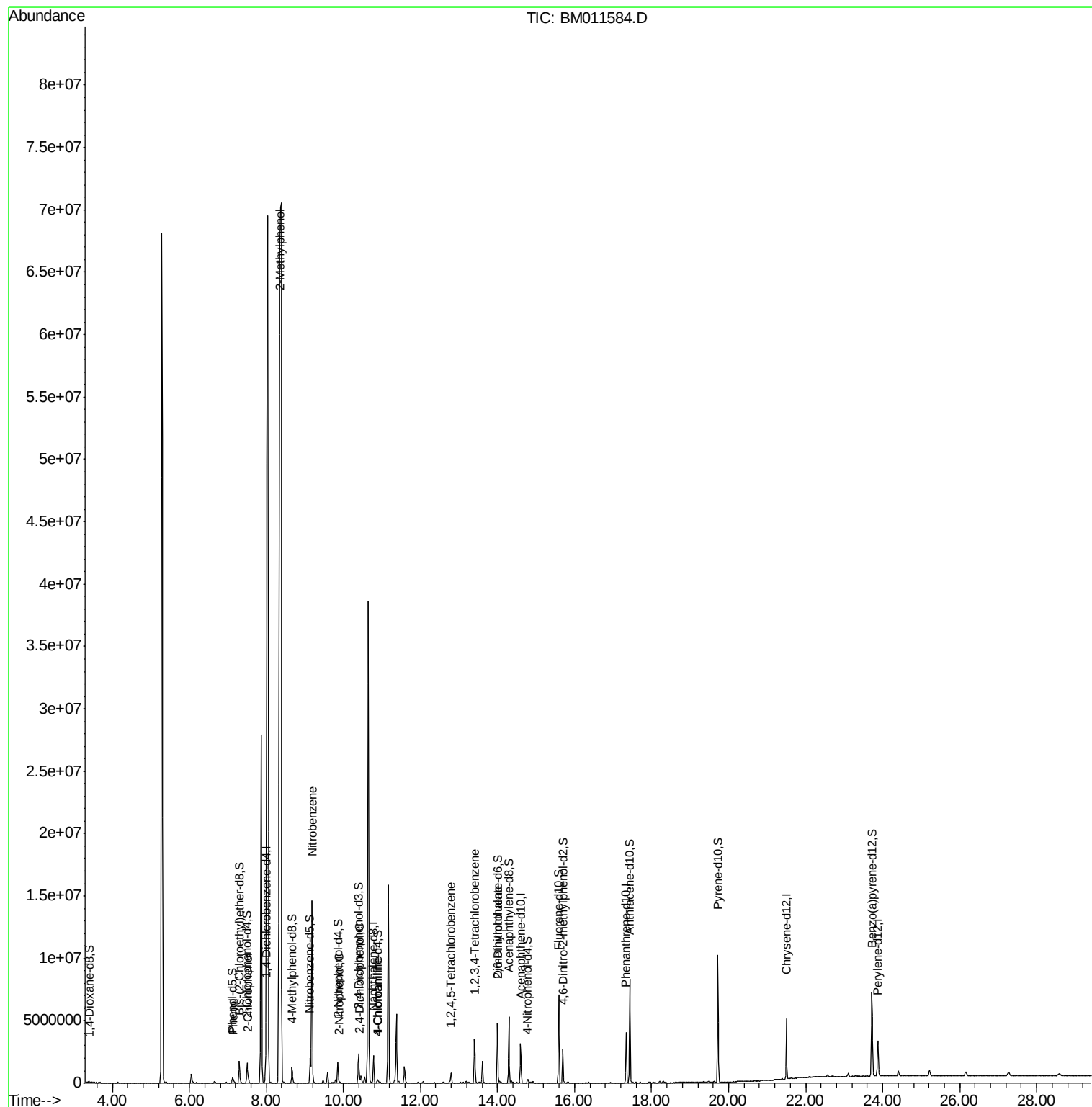
					Ovalue	
6) Phenol	7.15	94	117431	3.114	ng/ul	95
10) 2-Chlorophenol	7.53	128	158350	5.669	ng/ul#	88
11) 2-Methylphenol	8.36	108	327431	11.451	ng/ul	98
20) Nitrobenzene	9.19	77	7352292	246.485	ng/ul	95
23) 2-Nitrophenol	9.89	139	19439	1.403	ng/ul#	74
27) 2,4-Dichlorophenol	10.42	162	66828	2.611	ng/ul	90
30) 4-Chloroaniline	10.89	127	118588	4.260	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	268825	9.281	ng/ul#	98
46) 2,6-Dinitrotoluene	14.00	165	15304	1.096	ng/ul#	32
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	694169	24.147	ng/uL	99

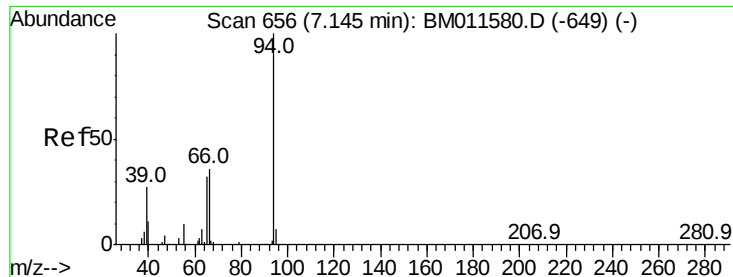
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.114 ng/ul

RT: 7.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM011584.D

Acq: 19 Sep 2017 00:15

Instrument :

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ClientSampleId :

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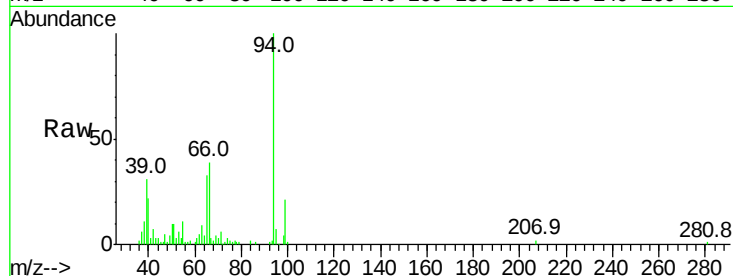
Tot Ion: 94 Resp: 117431

Ion Ratio Lower Upper

94 100

65 33.5 23.0 34.6

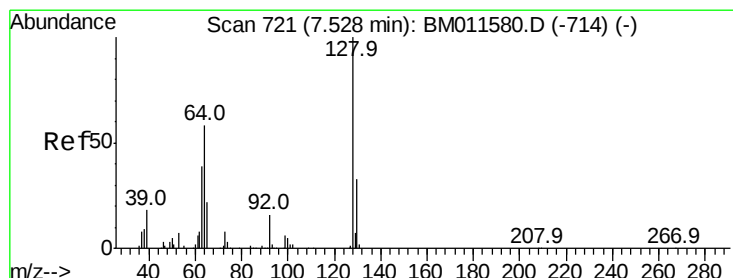
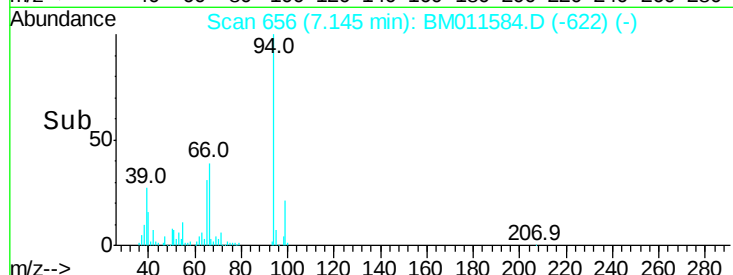
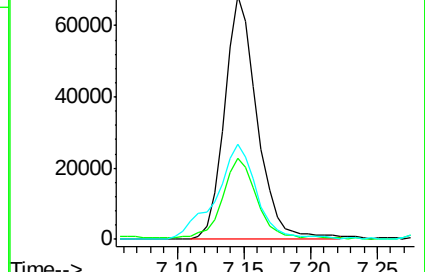
66 39.2 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM011584.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM011584.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM011584.D (-649) (-)



#10

2-Chlorophenol

Concen: 5.669 ng/ul

RT: 7.53 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM011584.D

Acq: 19 Sep 2017 00:15

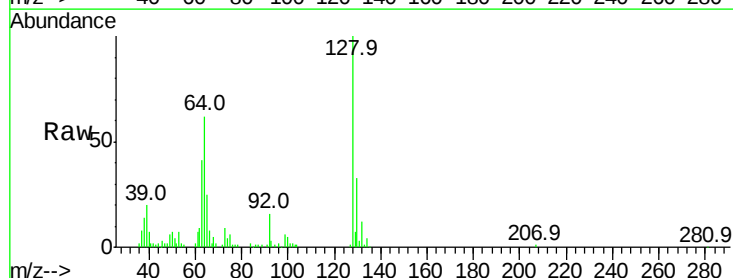
Tgt Ion: 128 Resp: 158350

Ion Ratio Lower Upper

128 100

64 62.4 39.8 59.6#

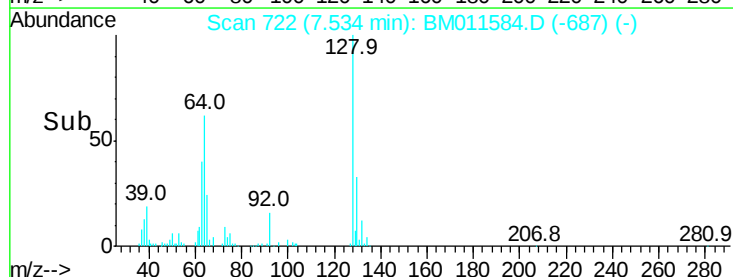
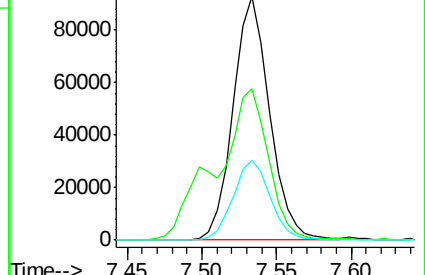
130 33.0 25.8 38.8

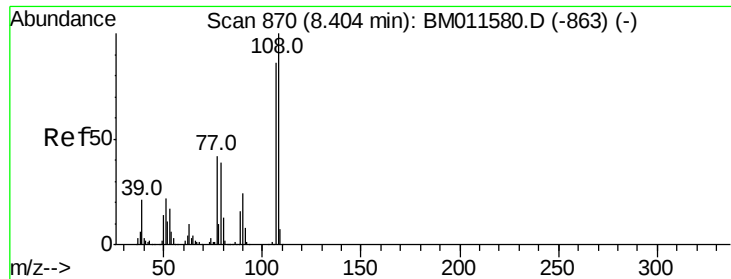


Abundance Ion 128.00 (127.70 to 128.70): BM011584.D (-687) (-)

Ion 64.00 (63.70 to 64.70): BM011584.D (-687) (-)

Ion 130.00 (129.70 to 130.70): BM011584.D (-687) (-)

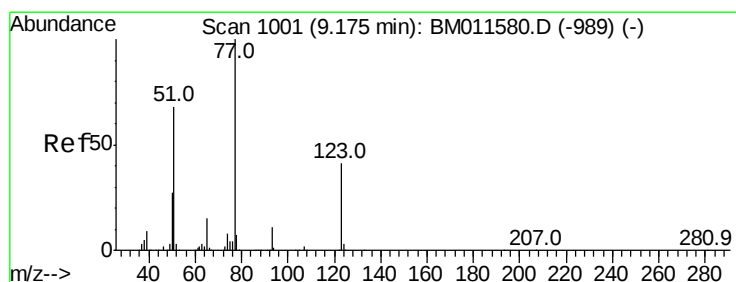
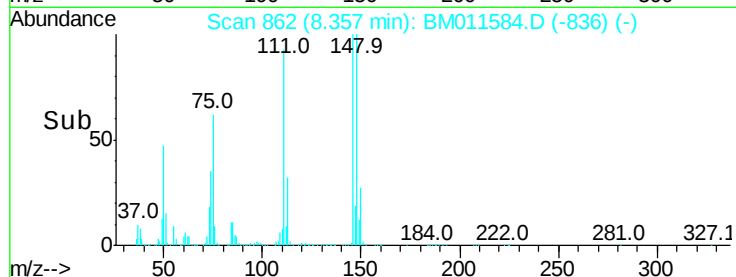
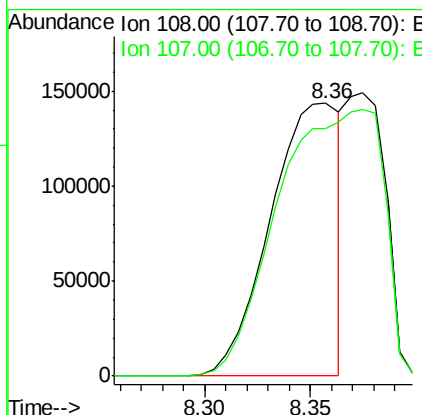
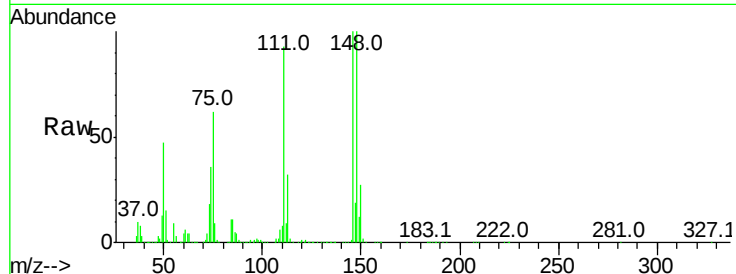




#11
2-Methylphenol
Concen: 11.451 ng/ul
RT: 8.36 min Scan# 862
Delta R.T. -0.05 min
Lab File: BM011584.D
Acq: 19 Sep 2017 00:15

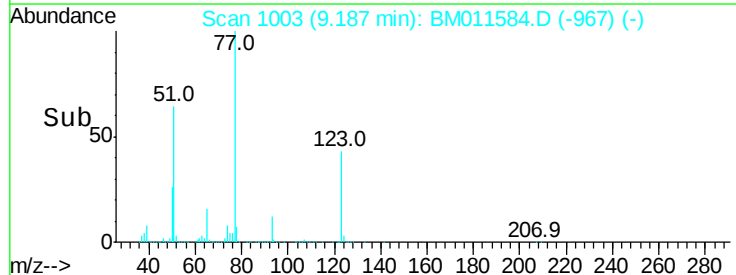
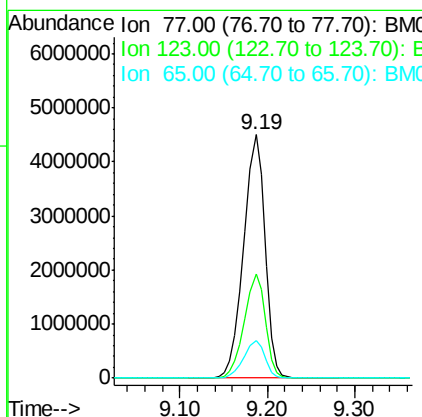
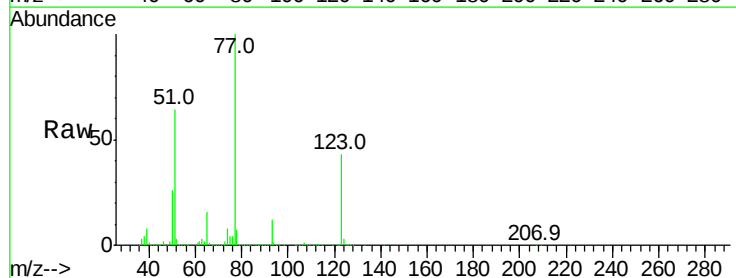
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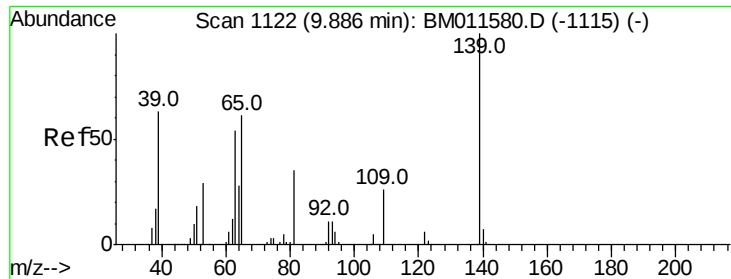
Tot Ion:108 Resp: 327431
Ion Ratio Lower Upper
108 100
107 90.7 74.1 111.1



#20
Nitrobenzene
Concen: 246.485 ng/ul
RT: 9.19 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BM011584.D
Acq: 19 Sep 2017 00:15

Tgt Ion: 77 Resp: 7352292
Ion Ratio Lower Upper
77 100
123 42.8 31.8 47.8
65 15.7 10.6 16.0

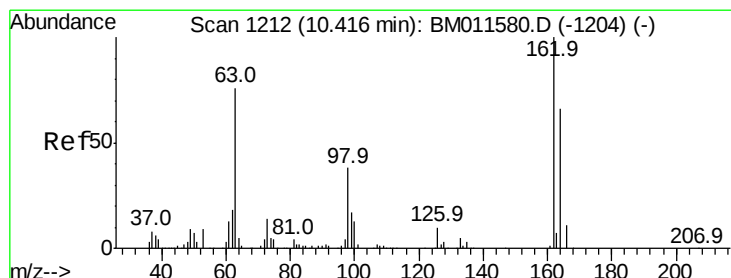
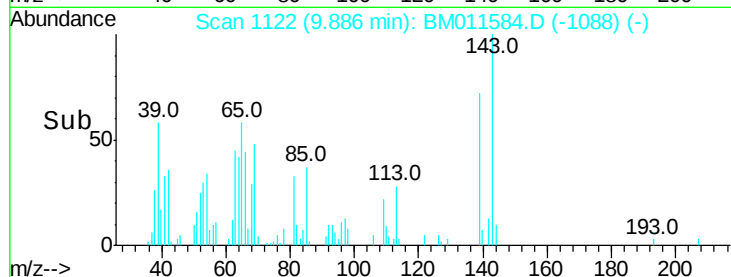
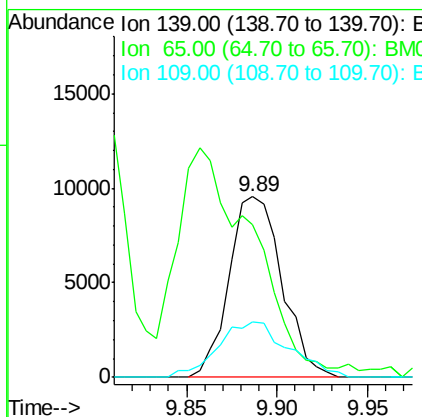
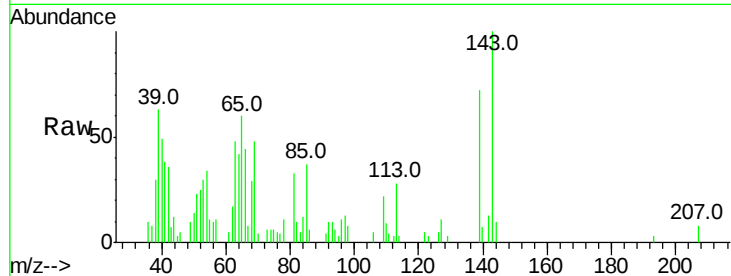




#23
2-Nitrophenol
Concen: 1.403 ng/ul
RT: 9.89 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM011584.D
Acq: 19 Sep 2017 00:15

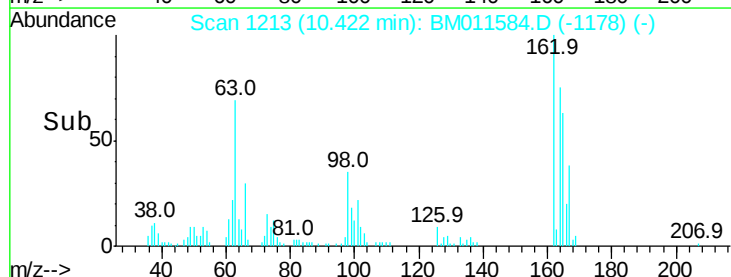
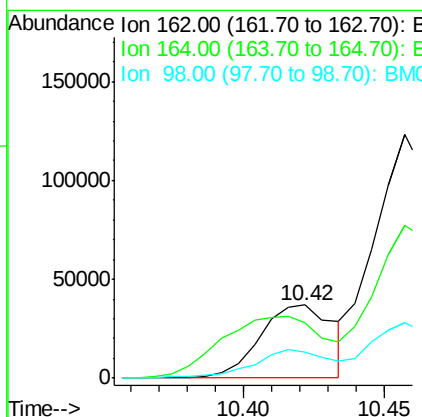
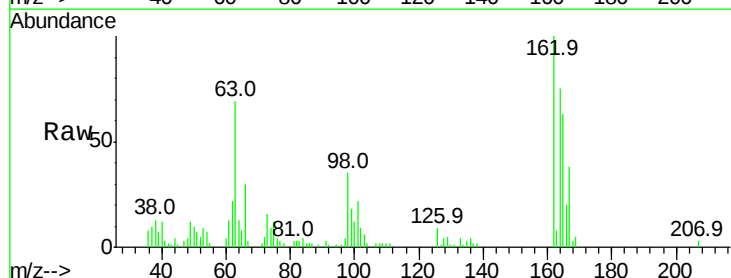
Instrument :
BNA_M
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C0AB8

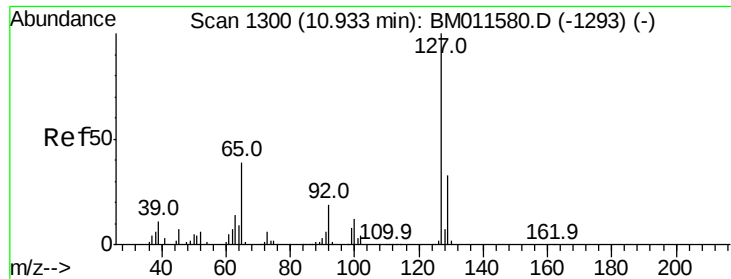
Tot Ion:139 Resp: 19439
Ion Ratio Lower Upper
139 100
65 84.3 45.3 67.9#
109 30.5 27.7 41.5



#27
2,4-Dichlorophenol
Concen: 2.611 ng/ul
RT: 10.42 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BM011584.D
Acq: 19 Sep 2017 00:15

Tgt Ion:162 Resp: 66828
Ion Ratio Lower Upper
162 100
164 75.4 52.0 78.0
98 35.3 26.6 39.8

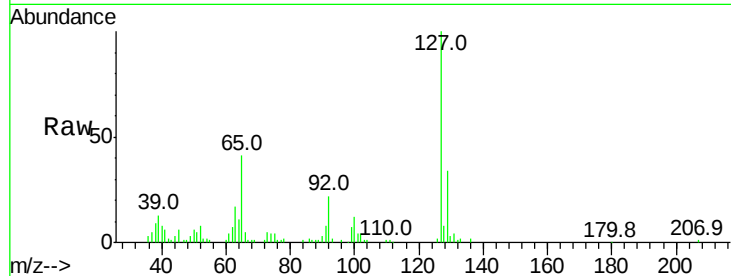




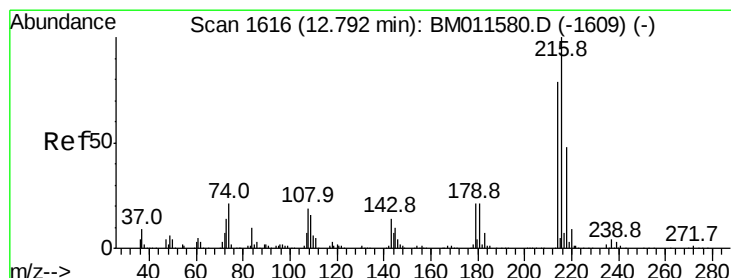
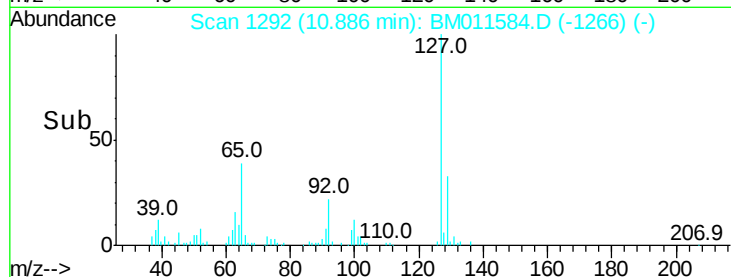
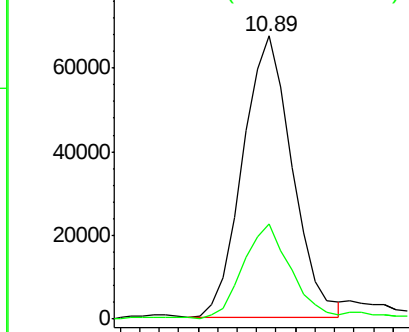
#30
4-Chloroaniline
Concen: 4.260 ng/ul
RT: 10.89 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BM011584.D
Acq: 19 Sep 2017 00:15

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Tot Ion:127 Resp: 118588
Ion Ratio Lower Upper
127 100
129 33.6 24.6 37.0

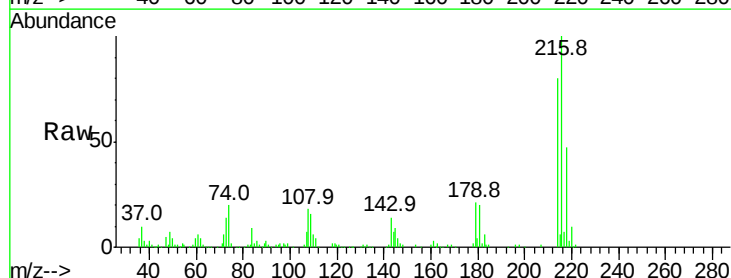


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

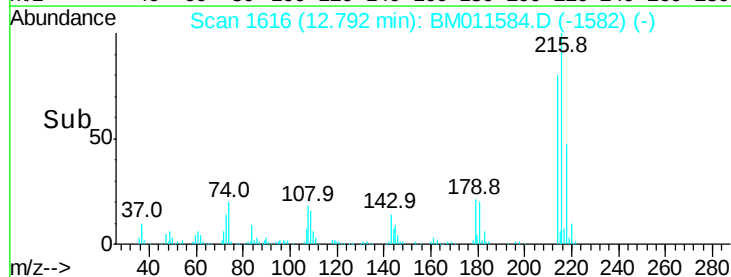
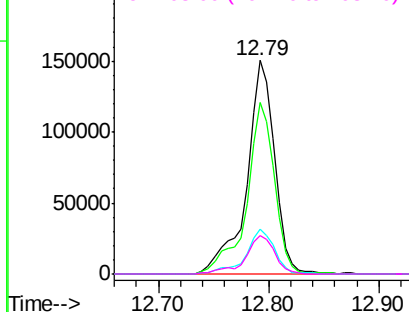


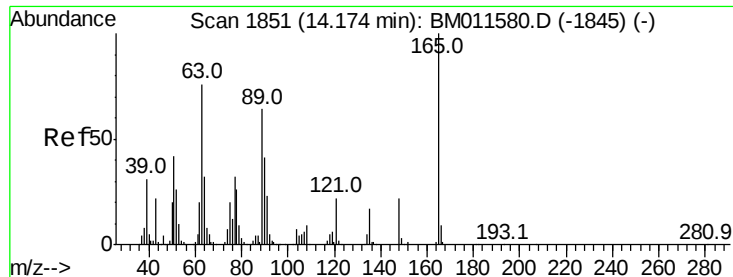
#37
1,2,4,5-Tetrachlorobenzene
Concen: 9.281 ng/ul
RT: 12.79 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BM011584.D
Acq: 19 Sep 2017 00:15

Tgt Ion:216 Resp: 268825
Ion Ratio Lower Upper
216 100
214 80.1 64.1 96.1
179 20.9 14.5 21.7
108 17.7 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

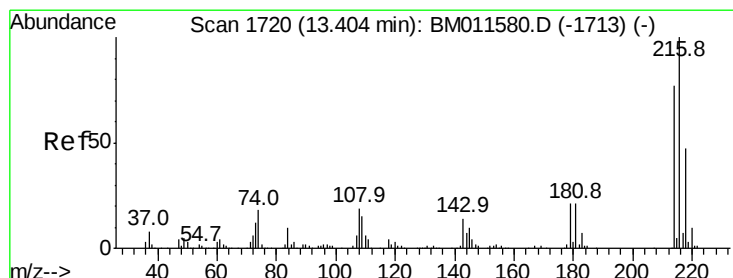
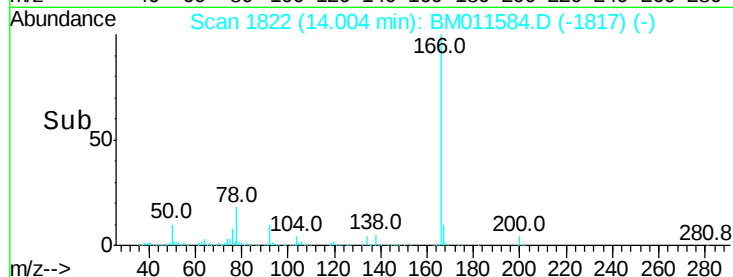
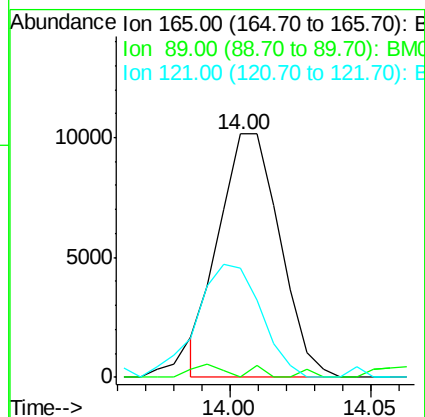
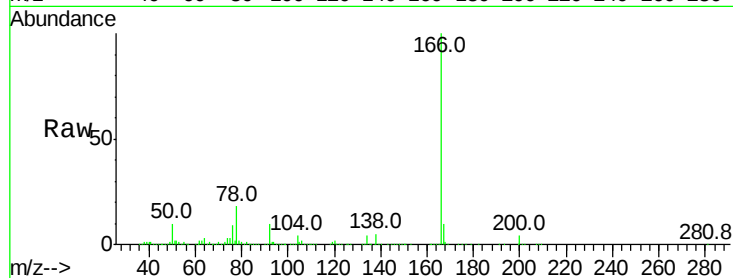




#46
 2,6-Dinitrotoluene
 Concen: 1.096 ng/ul
 RT: 14.00 min Scan# 1822
 Delta R.T. -0.17 min
 Lab File: BM011584.D
 Acq: 19 Sep 2017 00:15

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Tot Ion:165 Resp: 15304
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.8 65.8#
 121 45.0 17.8 26.6#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 24.147 ng/uL
 RT: 13.40 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BM011584.D
 Acq: 19 Sep 2017 00:15

Tgt Ion:216 Resp: 694169
 Ion Ratio Lower Upper
 216 100
 214 80.0 64.1 96.1
 218 48.0 39.4 59.0

