

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032819\
 Data File : BM019570.D
 Acq On : 29 Mar 2019 08:52
 Operator : JU/SJ
 Sample : K2063-05DL 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 29 11:25:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 29 09:53:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	122837	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	529716	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	308055	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	667263	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	872256	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	1069976	20.00	ng/ul	0.00

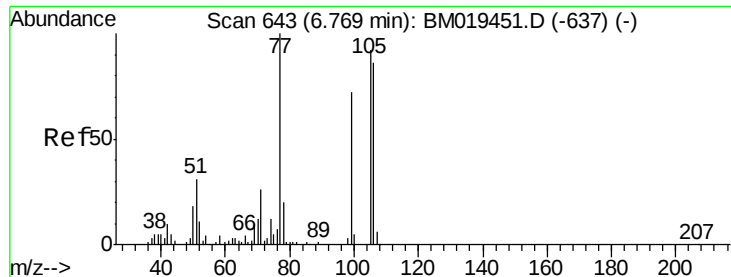
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	5740	1.83	ng/uL	0.00
5) Phenol-d5	6.78	99	57429	5.25	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	114269	15.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	113093	13.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	78968	9.62	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	98179	25.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	73106	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	128310	16.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	3754	0.39	ng/ul	0.04
44) Dimethylphthalate-d6	13.66	166	412396	16.59	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	503147	16.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	991	0.25	ng/ul	-0.02
58) Fluorene-d10	15.24	176	350499	16.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	62477	14.16	ng/ul	0.00
71) Anthracene-d10	17.10	188	531901	16.61	ng/ul	0.00
79) Pyrene-d10	19.40	212	633650	15.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	860103	15.16	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.72	77	504360	64.368	ng/ul#	1
6) Phenol	6.80	94	17272	1.513	ng/ul#	1
11) 2-Methylphenol	8.04	108	24118	3.030	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.08	45	9089	1.098	ng/ul#	1
14) Acetophenone	8.41	105	175576	13.130	ng/ul	93
16) 4-Methylphenol	8.36	108	21251	2.434	ng/ul	91
17) Hexachloroethane	8.66	117	368909	104.153	ng/ul#	1
24) 2,4-Dimethylphenol	9.57	107	51665	5.125	ng/ul#	68
25) Bis(2-Chloroethoxy)methane	9.80	93	51082	4.387	ng/ul#	62
28) Naphthalene	10.42	128	9230112	336.355	ng/ul	98
33) 4-Chloro-3-methylphenol	11.68	107	35935	4.251	ng/ul#	23
34) 2-Methylnaphthalene	12.03	142	1713539	89.115	ng/ul	99
35) 1-Methylnaphthalene	12.25	142	821324	45.238	ng/ul	97
41) 1,1'-Biphenyl	13.06	154	26530	1.011	ng/ul#	97

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



#4

Benzaldehyde

Concen: 64.368 ng/ul

RT: 6.72 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM019570.D

Acq: 29 Mar 2019 08:52

Instrument :

BNA_M

ClientSampleId :

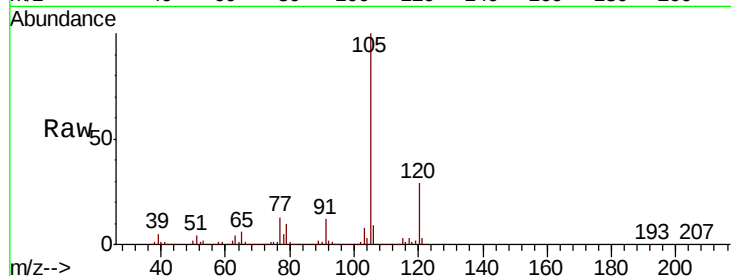
Tot Ion: 77 Resp: 504360

Ion Ratio Lower Upper

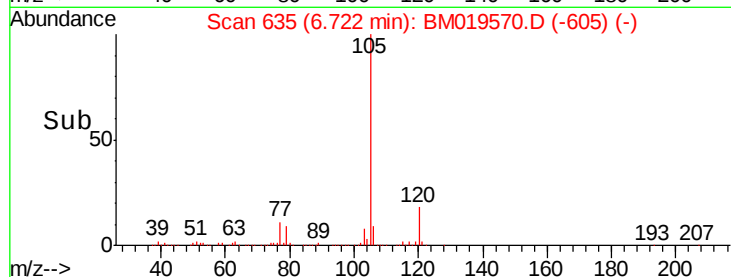
77 100

105 784.8 71.0 106.6#

106 70.8 69.5 104.3



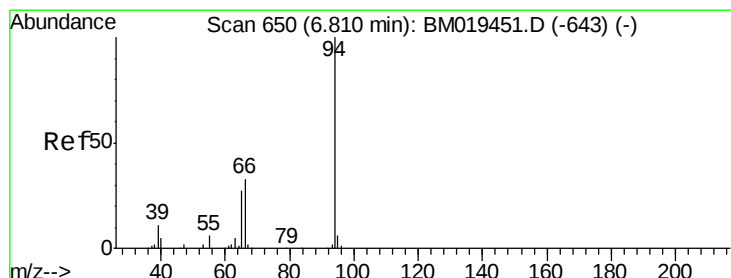
Abundance Ion 77.00 (76.70 to 77.70): BM019570.D (-605) (-)



Ion 105.00 (104.70 to 105.70): BM019570.D (-605) (-)

Ion 106.00 (105.70 to 106.70): BM019570.D (-605) (-)

Time-->



#6

Phenol

Concen: 1.513 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM019570.D

Acq: 29 Mar 2019 08:52

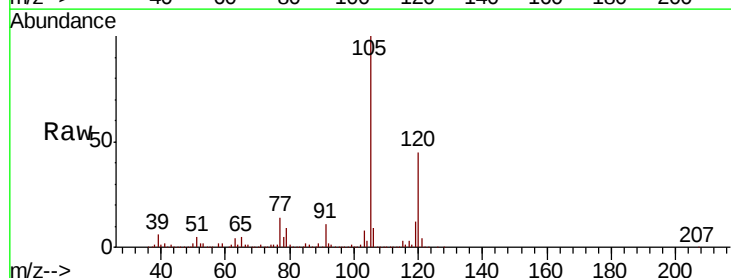
Tgt Ion: 94 Resp: 17272

Ion Ratio Lower Upper

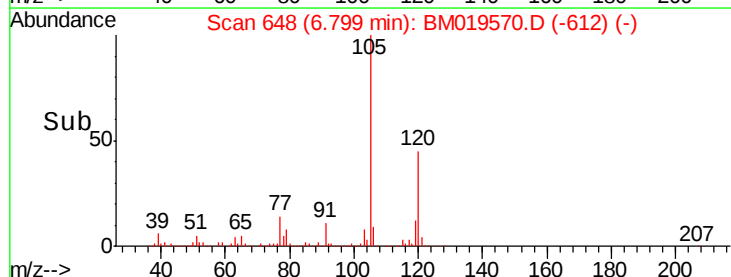
94 100

65 1416.9 23.0 34.6#

66 209.5 30.4 45.6#



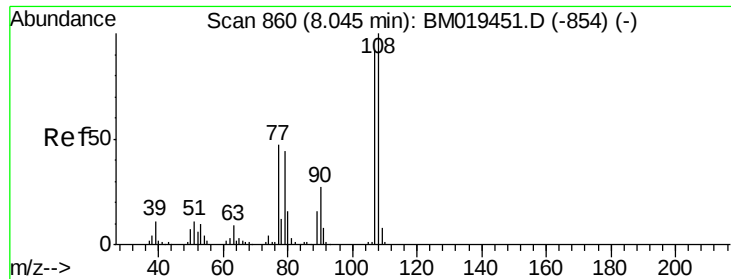
Abundance Ion 94.00 (93.70 to 94.70): BM019570.D (-612) (-)



Ion 65.00 (64.70 to 65.70): BM019570.D (-612) (-)

Ion 66.00 (65.70 to 66.70): BM019570.D (-612) (-)

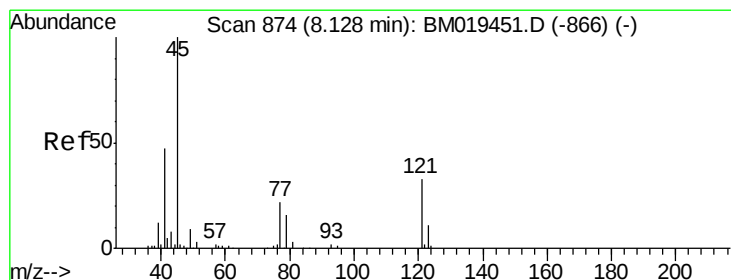
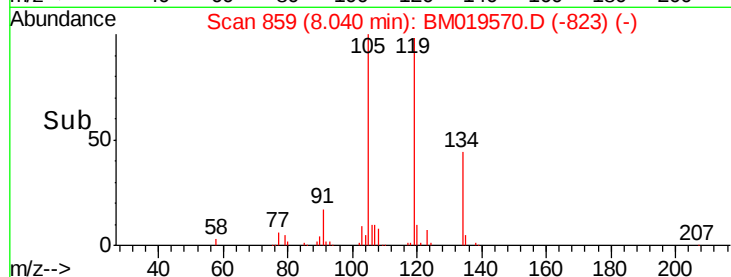
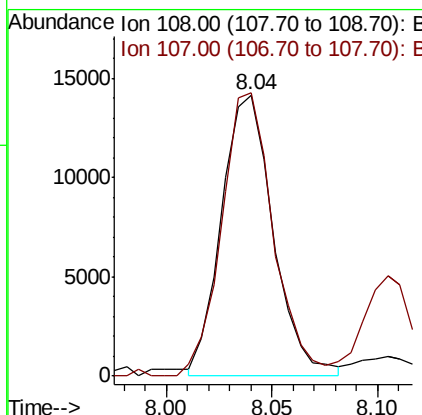
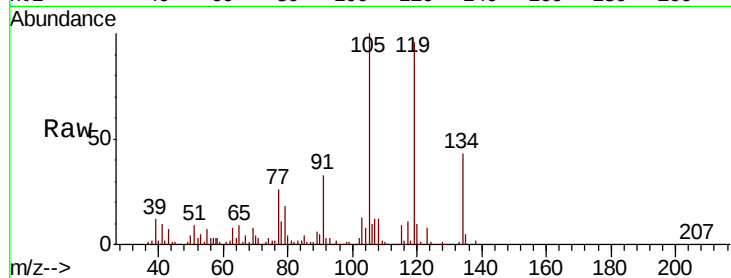
Time-->



#11
2-Methylphenol
Concen: 3.030 ng/ul
RT: 8.04 min Scan# 859
Delta R.T. 0.01 min
Lab File: BM019570.D
Acq: 29 Mar 2019 08:52

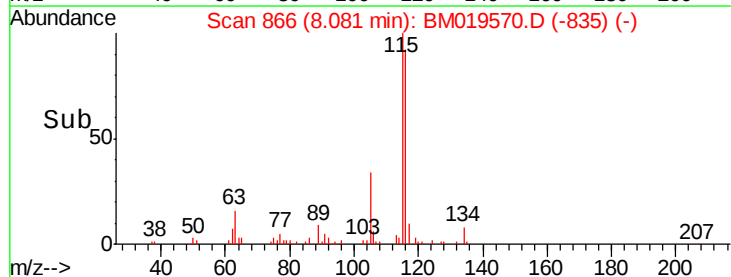
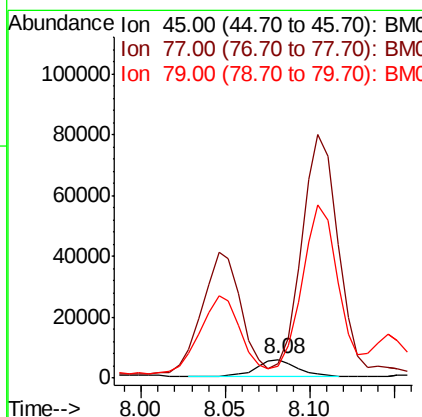
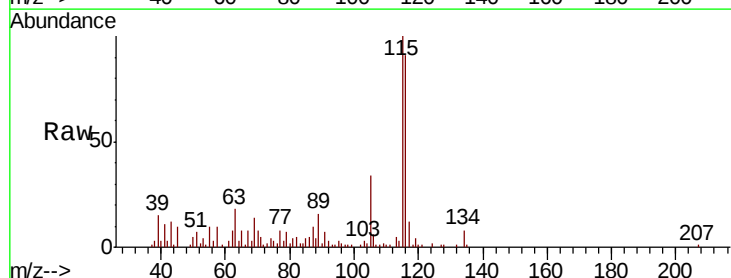
Instrument :
BNA_M
ClientSampleId :

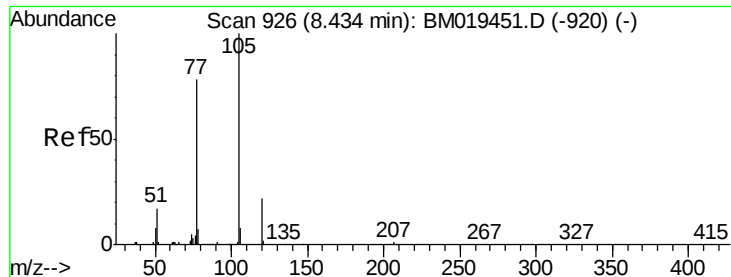
Tot Ion:108 Resp: 24118
Ion Ratio Lower Upper
108 100
107 100.6 74.1 111.1



#12
2,2'-oxybis(1-Chloropropane)
Concen: 1.098 ng/ul
RT: 8.08 min Scan# 866
Delta R.T. -0.02 min
Lab File: BM019570.D
Acq: 29 Mar 2019 08:52

Tgt Ion: 45 Resp: 9089
Ion Ratio Lower Upper
45 100
77 81.5 12.5 18.7#
79 65.9 9.4 14.2#





#14

Acetophenone

Concen: 13.130 ng/ul

RT: 8.41 min Scan# 922

Delta R.T. 0.00 min

Lab File: BM019570.D

Acq: 29 Mar 2019 08:52

Instrument :

BNA_M

ClientSampled :

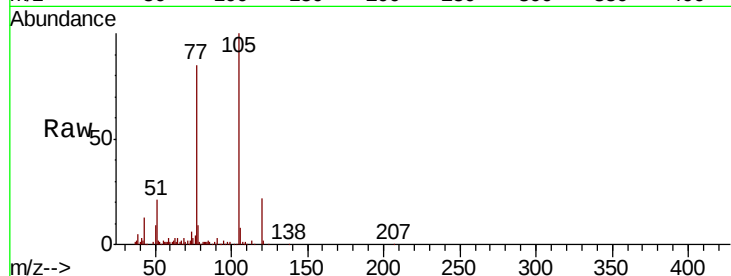
Tot Ion:105 Resp: 175576

Ion Ratio Lower Upper

105 100

77 84.7 63.2 94.8

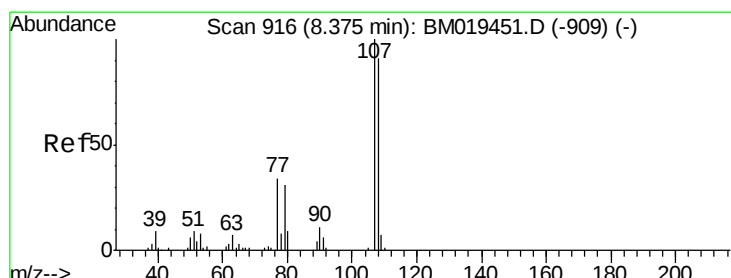
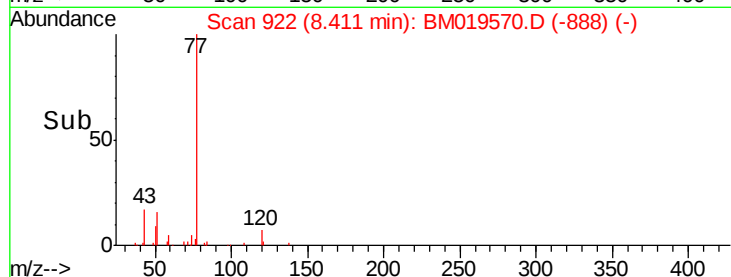
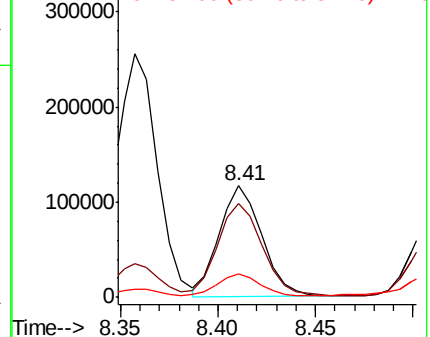
51 20.5 19.8 29.8



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#16

4-Methylphenol

Concen: 2.434 ng/ul

RT: 8.36 min Scan# 914

Delta R.T. 0.01 min

Lab File: BM019570.D

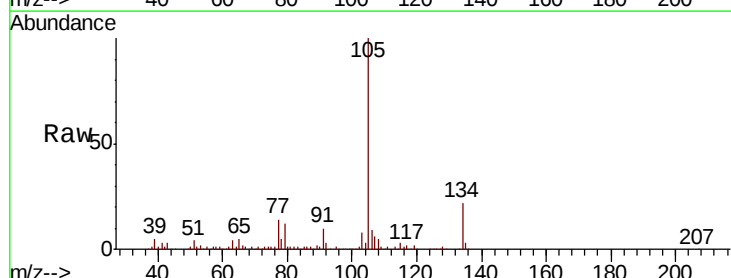
Acq: 29 Mar 2019 08:52

Tgt Ion:108 Resp: 21251

Ion Ratio Lower Upper

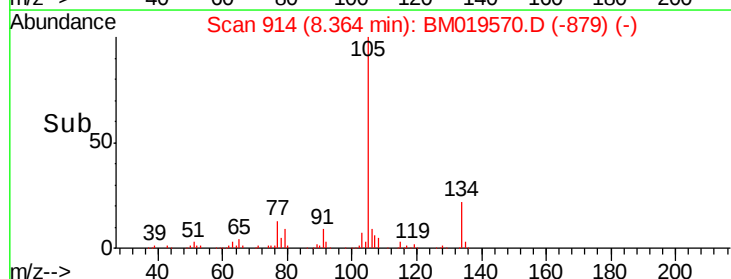
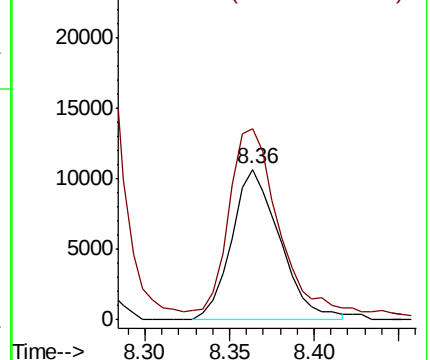
108 100

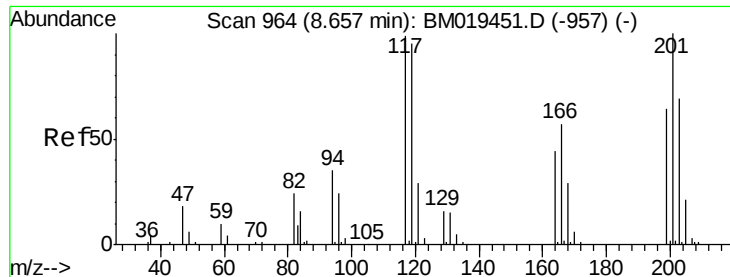
107 126.4 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

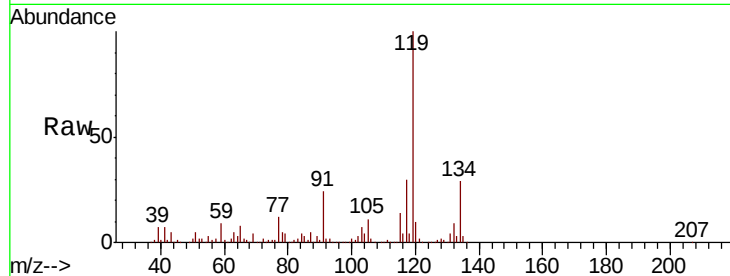




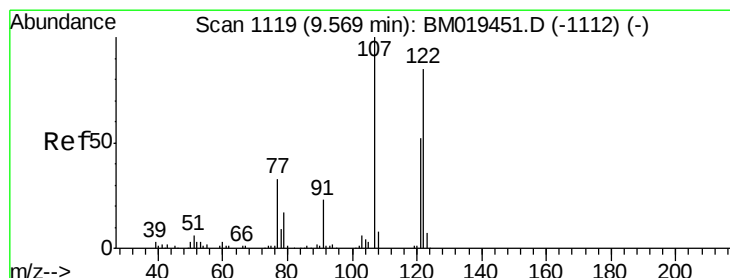
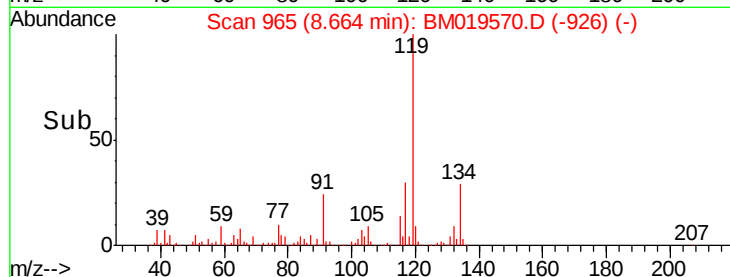
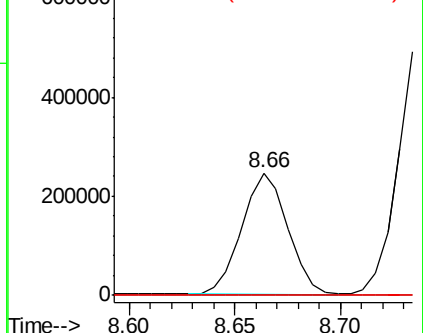
#17
Hexachloroethane
Concen: 104.153 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. 0.03 min
Lab File: BM019570.D
Acq: 29 Mar 2019 08:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 368909
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#

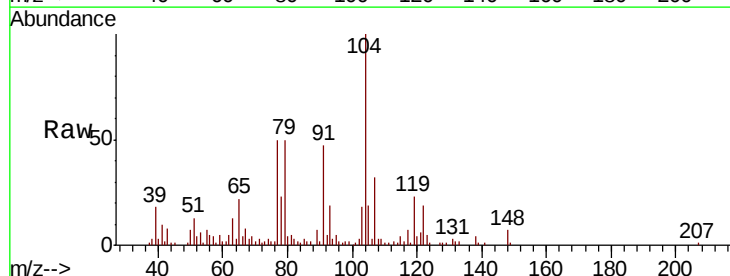


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

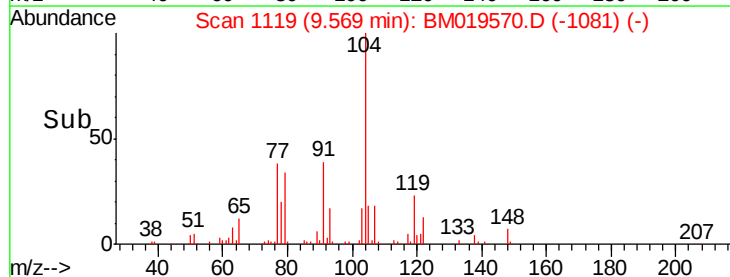
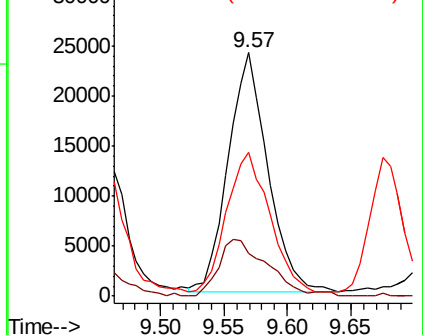


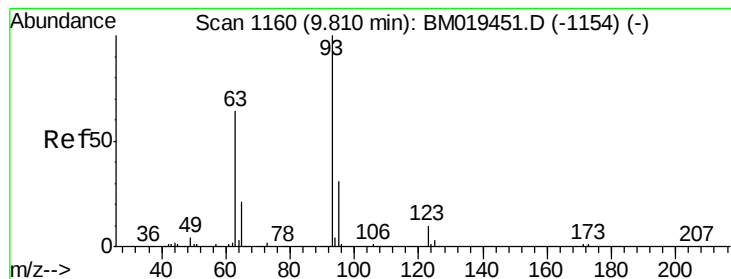
#24
2,4-Dimethylphenol
Concen: 5.125 ng/ul
RT: 9.57 min Scan# 1119
Delta R.T. 0.02 min
Lab File: BM019570.D
Acq: 29 Mar 2019 08:52

Tgt Ion:107 Resp: 51665
Ion Ratio Lower Upper
107 100
121 17.6 38.1 57.1#
122 58.8 63.8 95.8#



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





#25

Bis(2-Chloroethoxy)methane

Concen: 4.387 ng/ul

RT: 9.80 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BM019570.D

Acq: 29 Mar 2019 08:52

Instrument :

BNA_M

ClientSampleId :

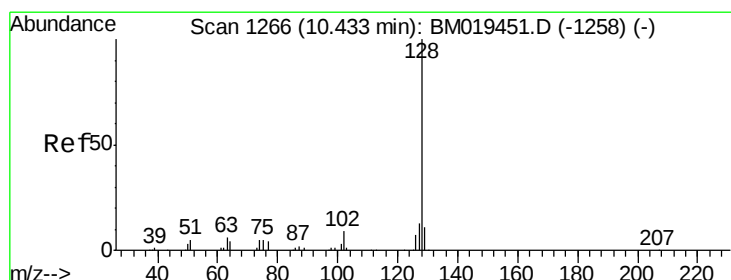
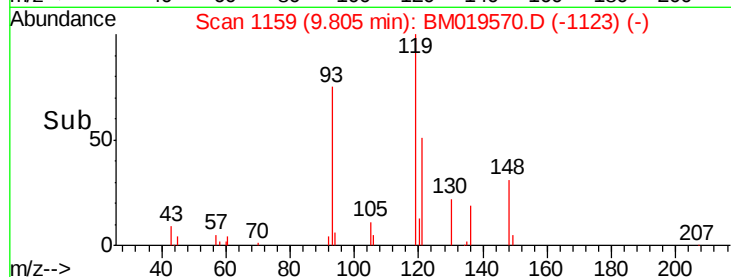
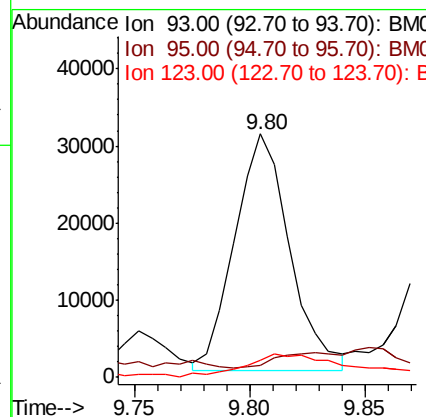
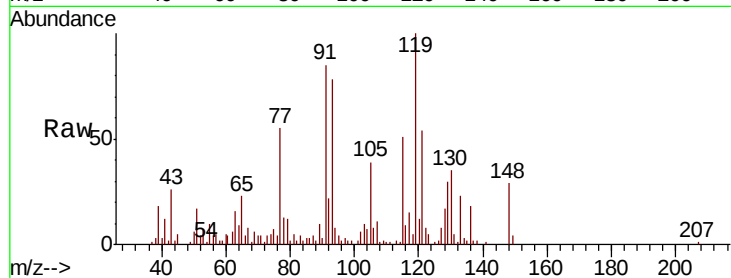
Tot Ion: 93 Resp: 51082

Ion Ratio Lower Upper

93 100

95 4.9 24.7 37.1#

123 6.8 8.2 12.2#



#28

Naphthalene

Concen: 336.355 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BM019570.D

Acq: 29 Mar 2019 08:52

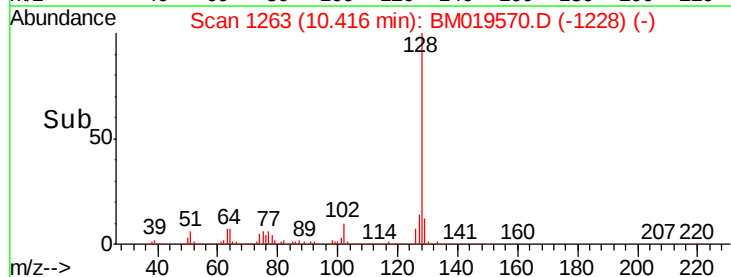
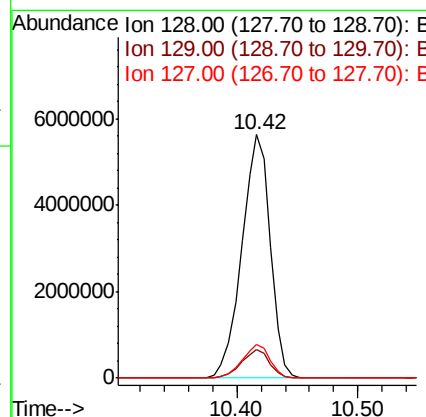
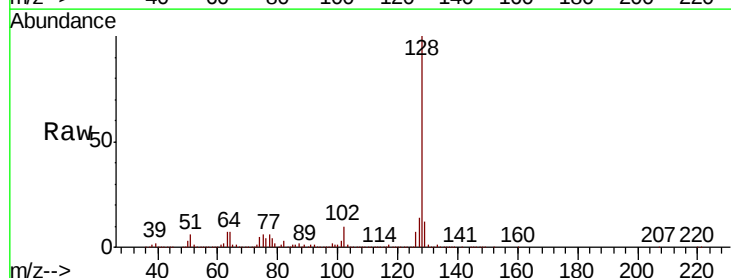
Tgt Ion: 128 Resp: 9230112

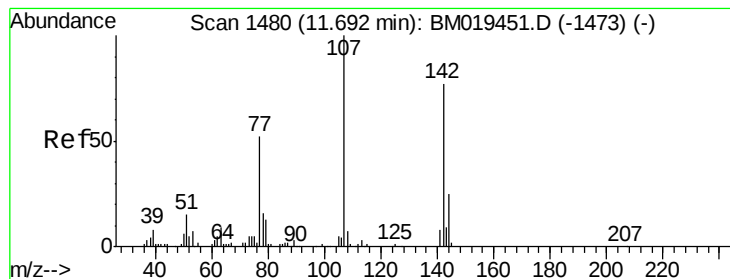
Ion Ratio Lower Upper

128 100

129 11.7 8.3 12.5

127 13.6 10.8 16.2





#33

4-Chloro-3-methylphenol

Concen: 4.251 ng/ul

RT: 11.68 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BM019570.D

Acq: 29 Mar 2019 08:52

Instrument :

BNA_M

ClientSampleId :

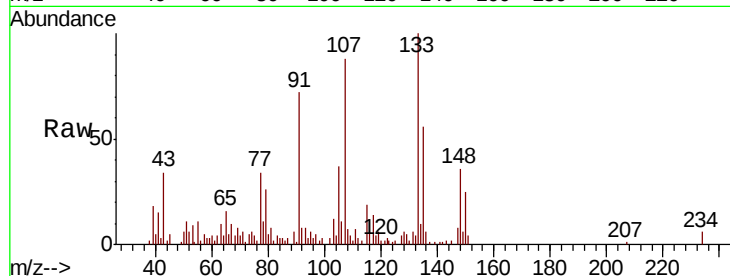
Tot Ion:107 Resp: 35935

Ion Ratio Lower Upper

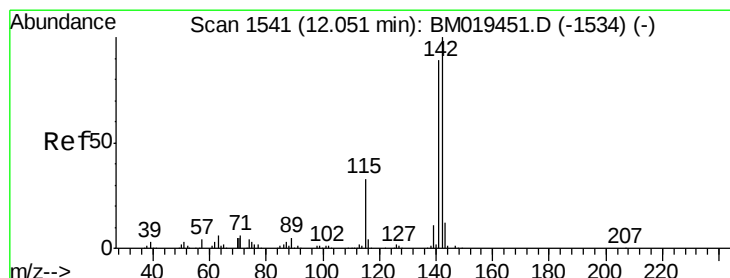
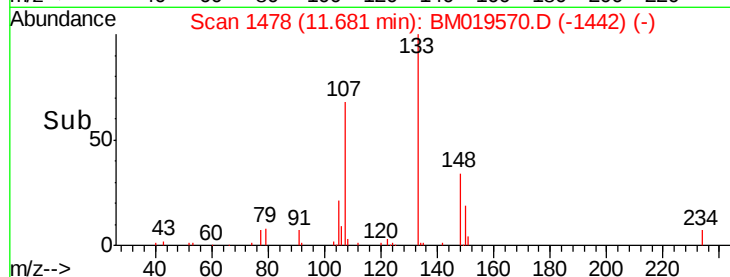
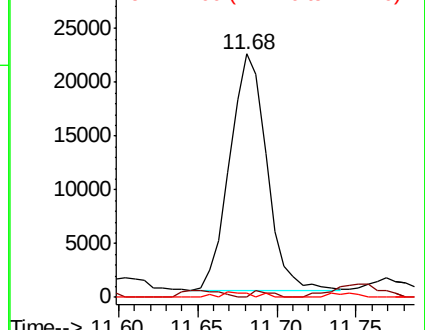
107 100

144 0.0 21.1 31.7#

142 1.6 60.1 90.1#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#34

2-Methylnaphthalene

Concen: 89.115 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BM019570.D

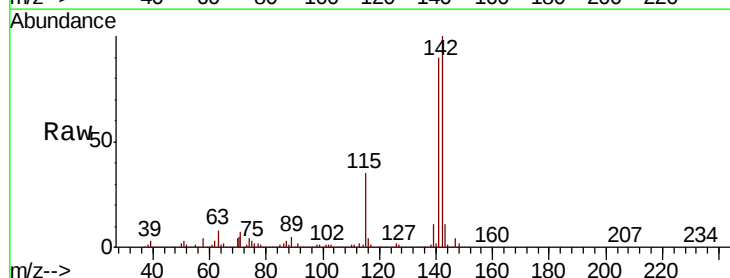
Acq: 29 Mar 2019 08:52

Tgt Ion:142 Resp: 1713539

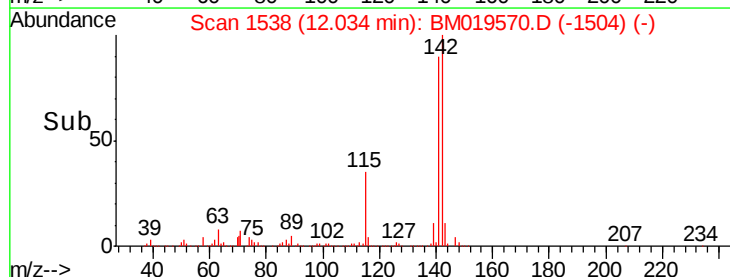
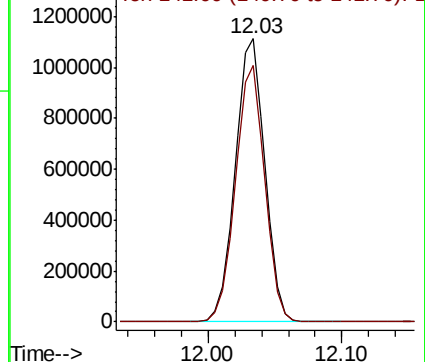
Ion Ratio Lower Upper

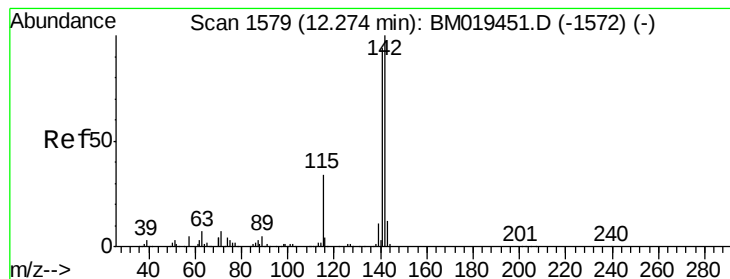
142 100

141 90.5 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 45.238 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BM019570.D

Acq: 29 Mar 2019 08:52

Instrument :

BNA_M

ClientSampleId :

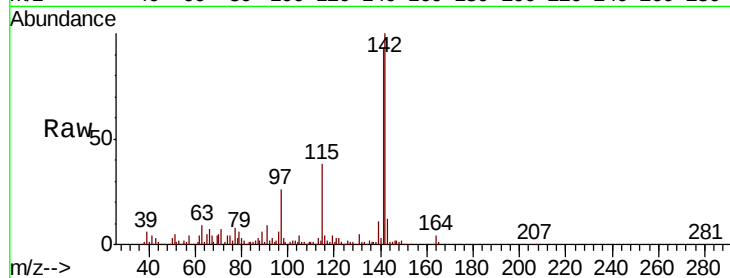
Tot Ion:142 Resp: 821324

Ion Ratio Lower Upper

142 100

141 92.9 76.6 115.0

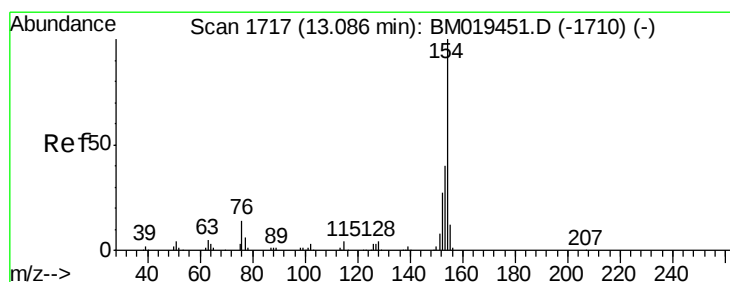
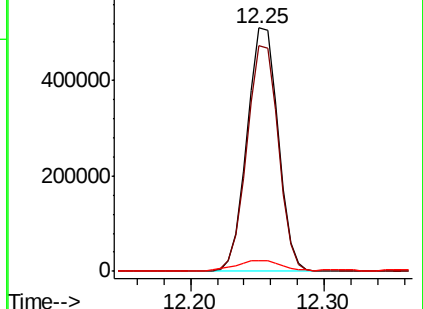
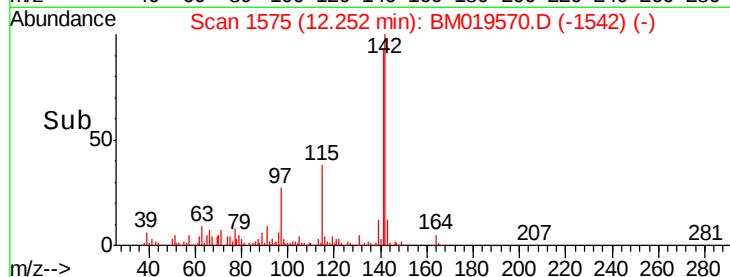
116 4.1 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 1.011 ng/ul

RT: 13.06 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BM019570.D

Acq: 29 Mar 2019 08:52

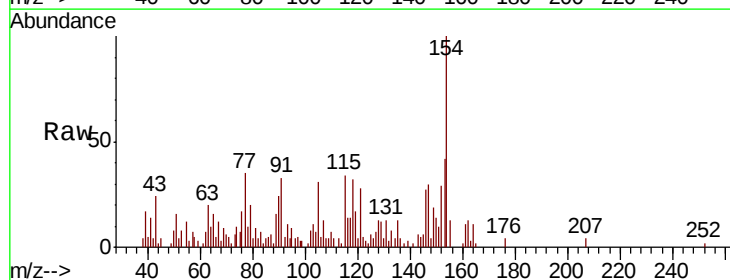
Tgt Ion:154 Resp: 26530

Ion Ratio Lower Upper

154 100

153 42.4 34.0 51.0

76 16.6 8.4 12.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

