

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019481.D
 Acq On : 26 Mar 2019 21:41
 Operator : JU/SJ
 Sample : K2063-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6S3

Quant Time: Mar 27 03:42:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 27 03:30:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	179263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	743652	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	447713	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	974273	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	961225	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	913037	20.00	ng/ul	0.00

System Monitoring Compounds

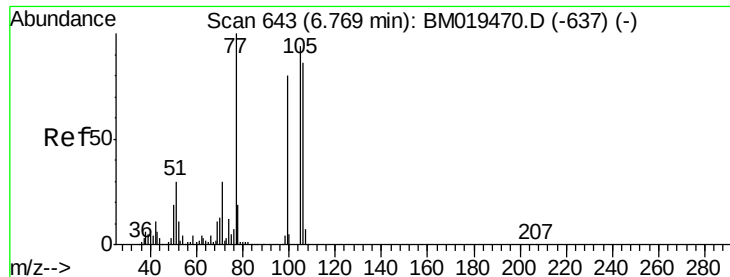
3) 1,4-Dioxane-d8	3.15	96	16882	3.69	ng/uL	0.00
5) Phenol-d5	6.80	99	145463	9.11	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.96	67	307347	28.76	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	332754	27.50	ng/ul	0.02
13) 4-Methylphenol-d8	8.32	113	232990	19.44	ng/ul	0.01
19) Nitrobenzene-d5	8.77	128	250774	47.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	233957	39.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	391035	35.10	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	5645	0.42	ng/ul	0.05
44) Dimethylphthalate-d6	13.68	166	1241913	34.38	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1565080	34.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	49440	8.73	ng/ul	0.01
58) Fluorene-d10	15.26	176	1074582	34.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	225100	34.94	ng/ul	0.00
71) Anthracene-d10	17.12	188	1714812	36.68	ng/ul	0.00
79) Pyrene-d10	19.42	212	1795113	40.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1635166	33.78	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.76	77	1339917	117.179	ng/ul#	1
6) Phenol	6.83	94	150683	9.046	ng/ul#	1
11) 2-Methylphenol	8.06	108	188222	16.201	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	52634	4.357	ng/ul	98
14) Acetophenone	8.53	105	233772	11.979	ng/ul	93
16) 4-Methylphenol	8.39	108	52103	4.089	ng/ul	92
17) Hexachloroethane	8.69	117	657761	127.250	ng/ul#	1
24) 2,4-Dimethylphenol	9.60	107	55966	3.955	ng/ul#	70
25) Bis(2-Chloroethoxy)methane	9.83	93	217770	13.322	ng/ul#	54
28) Naphthalene	10.45	128	18075386	469.194	ng/ul#	95
30) 4-Chloroaniline	10.45	127	2732305	193.992	ng/ul#	6
33) 4-Chloro-3-methylphenol	11.71	107	128078	10.794	ng/ul#	23
34) 2-Methylnaphthalene	12.06	142	2977327	110.295	ng/ul	100
35) 1-Methylnaphthalene	12.28	142	1387170	54.424	ng/ul	97
43) 2-Nitroaniline	13.40	65	45564	5.682	ng/ul#	23

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

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#4

Benzaldehyde

Concen: 117.179 ng/ul

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM019481.D

Acq: 26 Mar 2019 21:41

Instrument :

BNA_M

ClientSampleId :

DB6S3

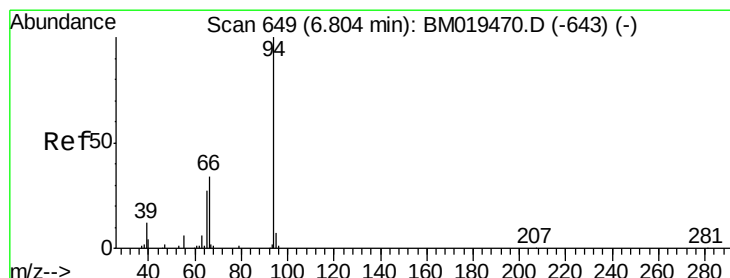
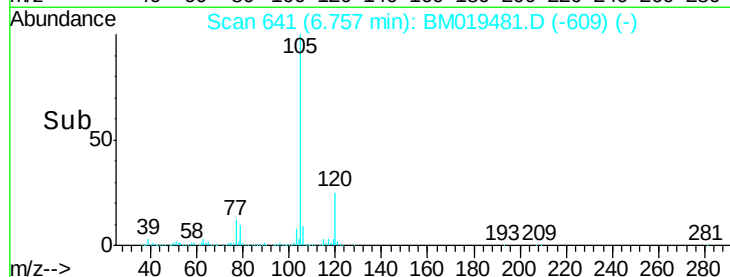
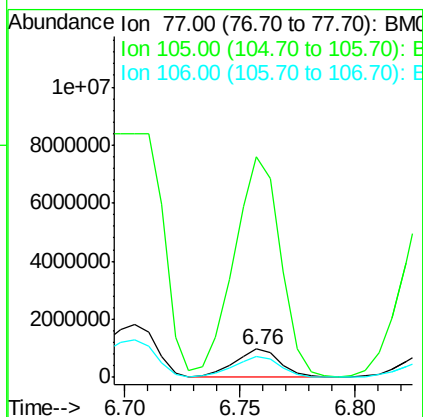
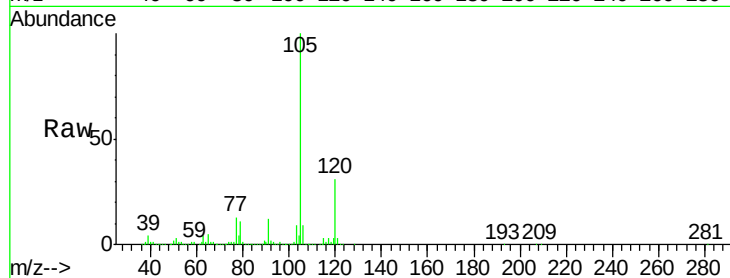
Tgt Ion: 77 Resp: 1339917

Ion Ratio Lower Upper

77 100

105 786.6 71.0 106.6#

106 74.6 69.5 104.3



#6

Phenol

Concen: 9.046 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.02 min

Lab File: BM019481.D

Acq: 26 Mar 2019 21:41

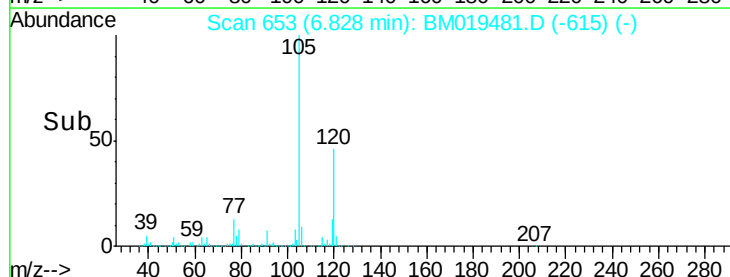
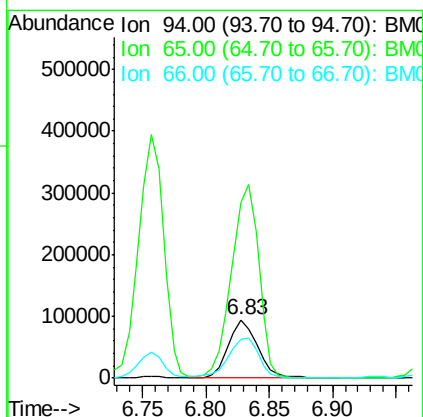
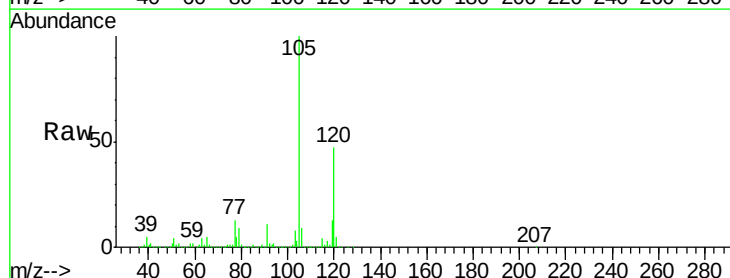
Tgt Ion: 94 Resp: 150683

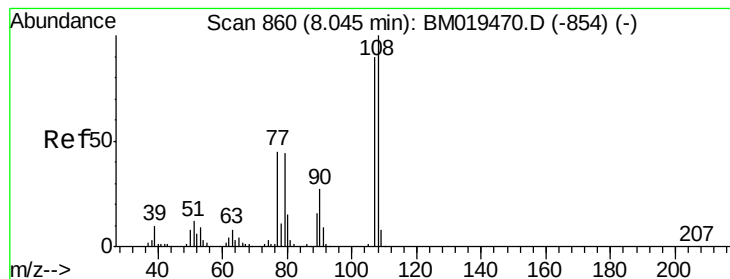
Ion Ratio Lower Upper

94 100

65 303.0 23.0 34.6#

66 65.9 30.4 45.6#





#11

2-Methylphenol

Concen: 16.201 ng/ul

RT: 8.06 min Scan# 862

Delta R.T. 0.01 min

Lab File: BM019481.D

Acq: 26 Mar 2019 21:41

Instrument :

BNA_M

ClientSampleId :

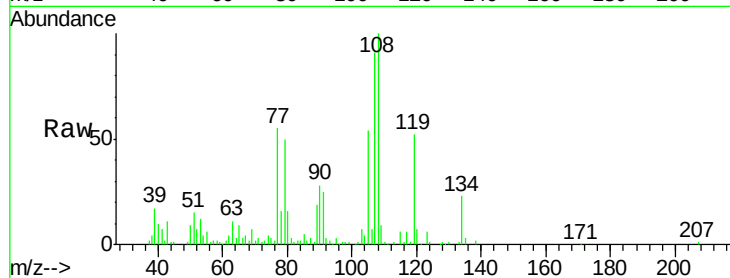
DB6S3

Tgt Ion: 108 Resp: 188222

Ion Ratio Lower Upper

108 100

107 90.6 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.06

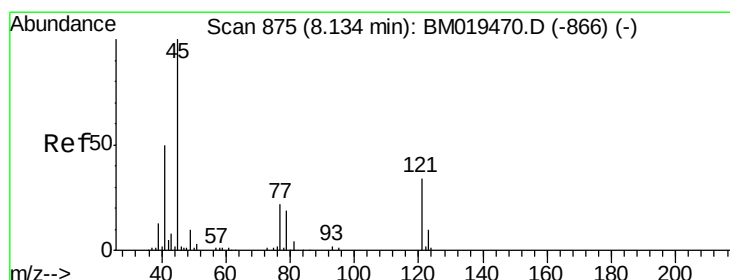
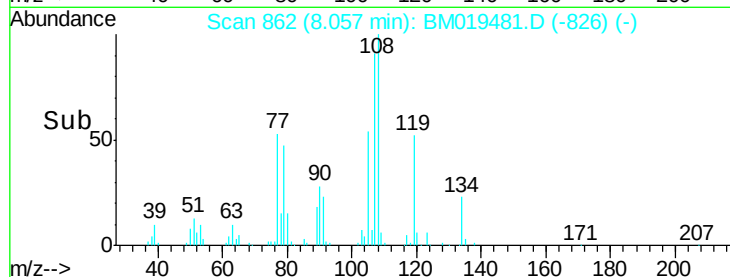
100000

50000

0

8.00 8.05 8.10

Time-->



#12

2,2'-oxybis(1-chloropropane)

Concen: 4.357 ng/ul

RT: 8.10 min Scan# 870

Delta R.T. -0.03 min

Lab File: BM019481.D

Acq: 26 Mar 2019 21:41

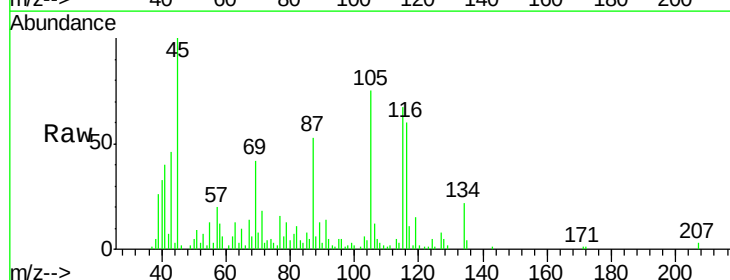
Tgt Ion: 45 Resp: 52634

Ion Ratio Lower Upper

45 100

77 15.7 12.5 18.7

79 13.4 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): BM0

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

200000

150000

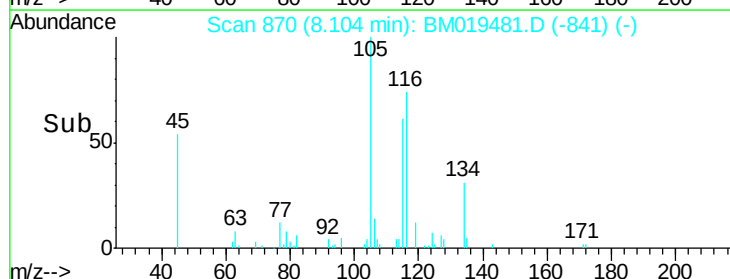
100000

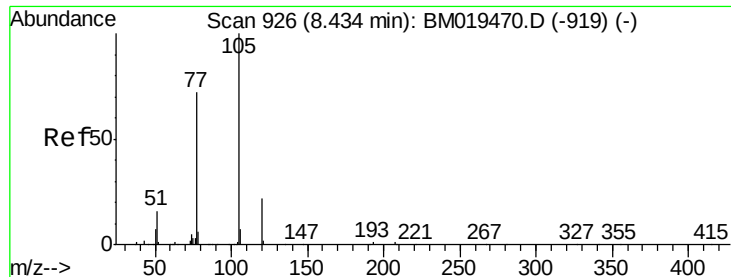
50000

0

8.05 8.10 8.15

Time-->





#14

Acetophenone

Concen: 11.979 ng/ul

RT: 8.53 min Scan# 943

Delta R.T. 0.10 min

Lab File: BM019481.D

Acq: 26 Mar 2019 21:41

Instrument :

BNA_M

ClientSampleId :

DB6S3

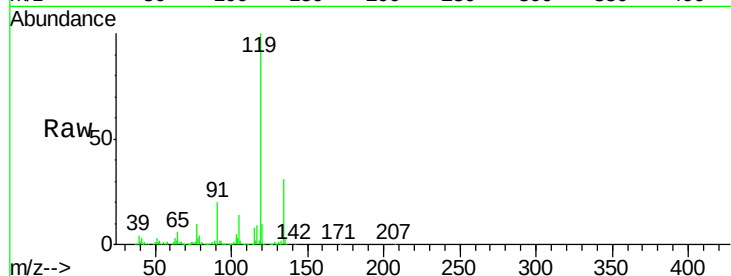
Tgt Ion:105 Resp: 233772

Ion Ratio Lower Upper

105 100

77 71.5 63.2 94.8

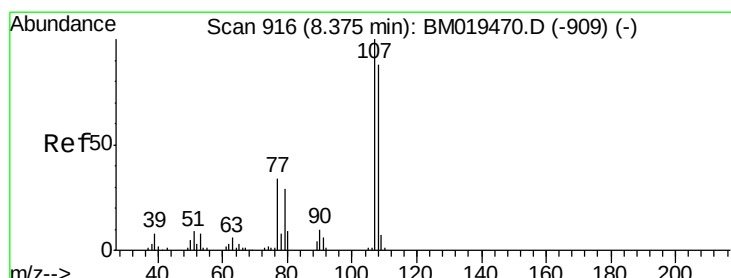
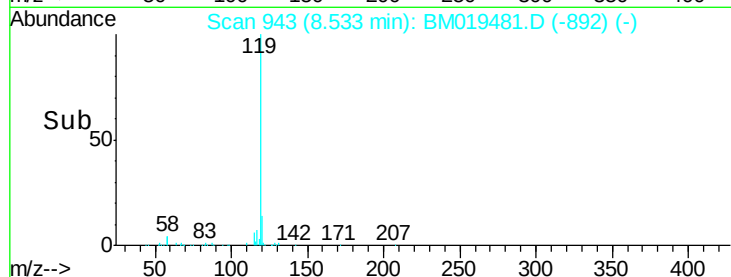
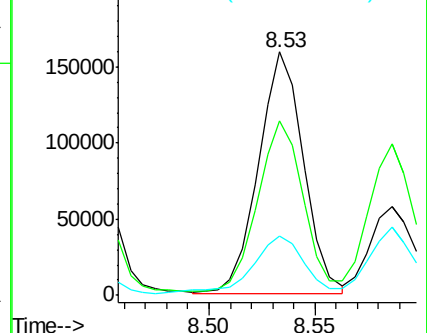
51 24.3 19.8 29.8



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: 4.089 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. 0.01 min

Lab File: BM019481.D

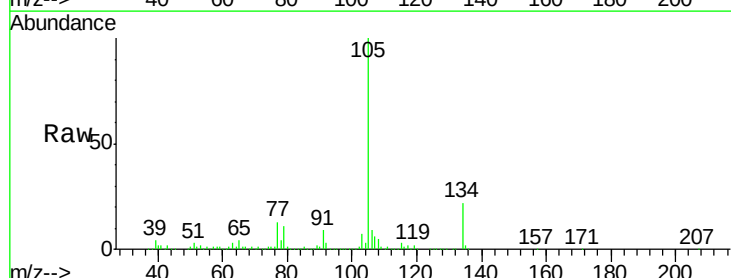
Acq: 26 Mar 2019 21:41

Tgt Ion:108 Resp: 52103

Ion Ratio Lower Upper

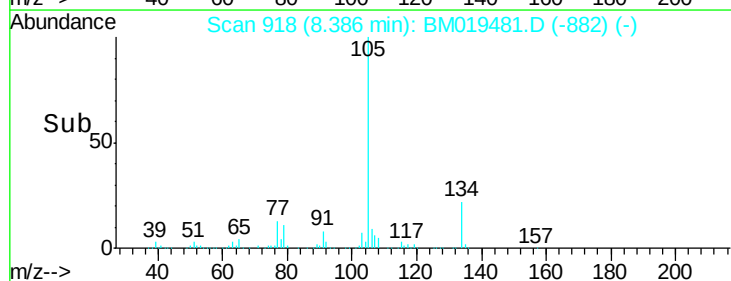
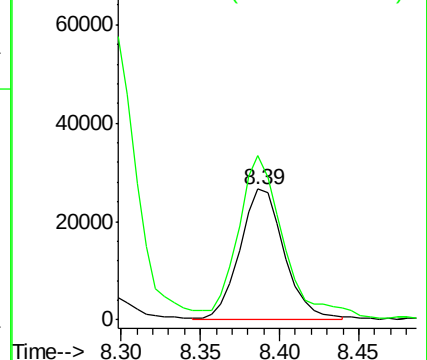
108 100

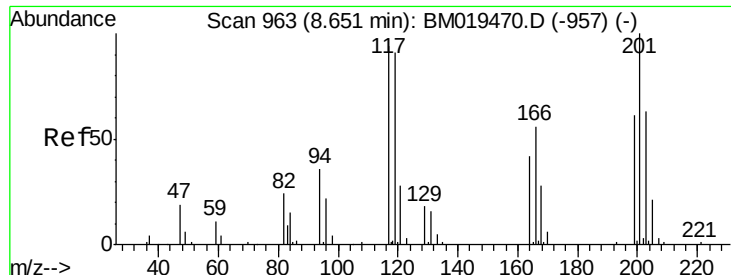
107 125.6 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

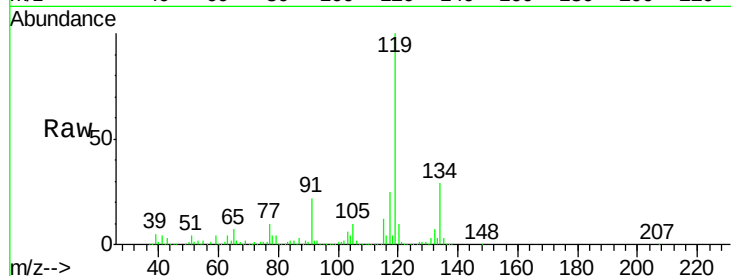




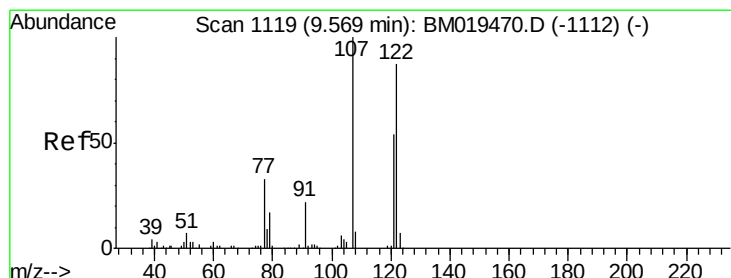
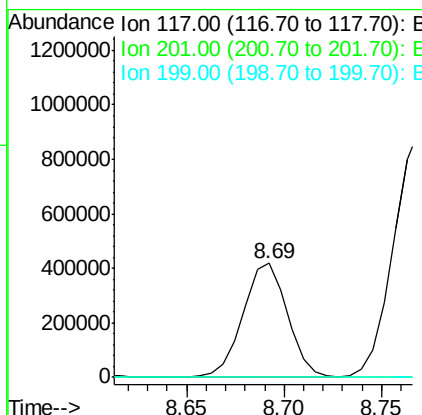
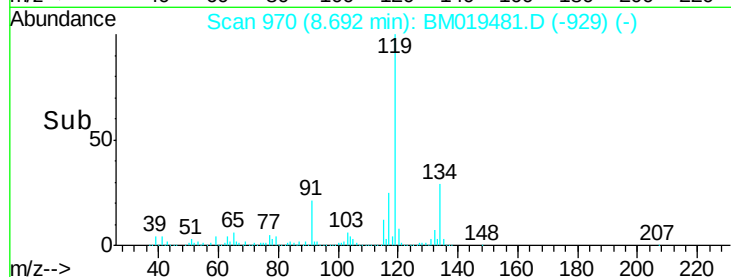
#17
Hexachloroethane
Concen: 127.250 ng/ul
RT: 8.69 min Scan# 970
Delta R.T. 0.04 min
Lab File: BM019481.D
Acq: 26 Mar 2019 21:41

Instrument :
BNA_M
ClientSampleId :
DB6S3

Tgt Ion:117 Resp: 657761
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#

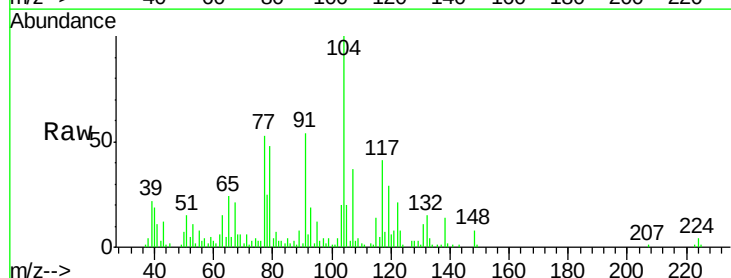


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

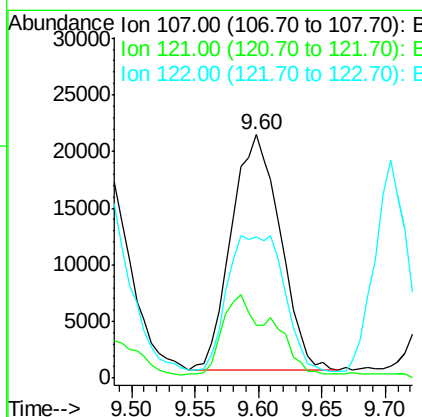
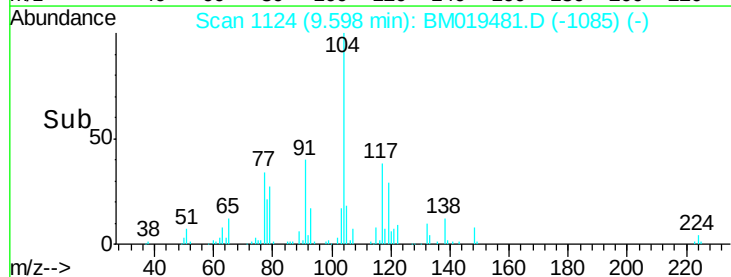


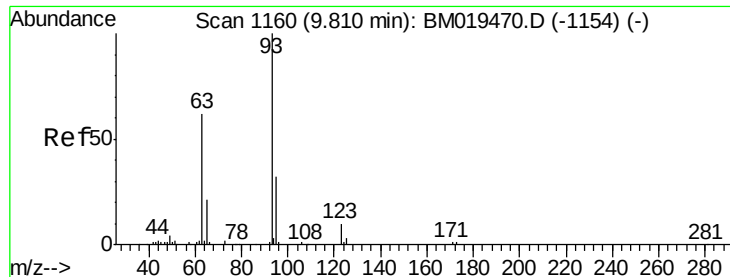
#24
2,4-Dimethylphenol
Concen: 3.955 ng/ul
RT: 9.60 min Scan# 1124
Delta R.T. 0.03 min
Lab File: BM019481.D
Acq: 26 Mar 2019 21:41

Tgt Ion:107 Resp: 55966
Ion Ratio Lower Upper
107 100
121 21.5 38.1 57.1#
122 58.1 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: 13.322 ng/ul

RT: 9.83 min Scan# 1164

Delta R.T. 0.02 min

Lab File: BM019481.D

Acq: 26 Mar 2019 21:41

Instrument :

BNA_M

ClientSampleId :

DB6S3

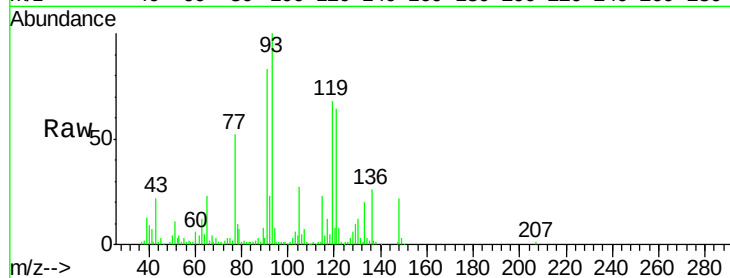
Tgt Ion: 93 Resp: 217770

Ion Ratio Lower Upper

93 100

95 1.4 24.7 37.1#

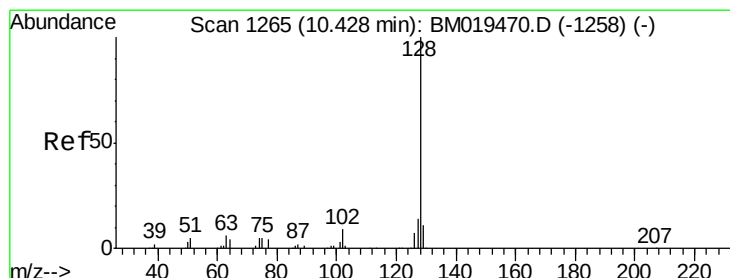
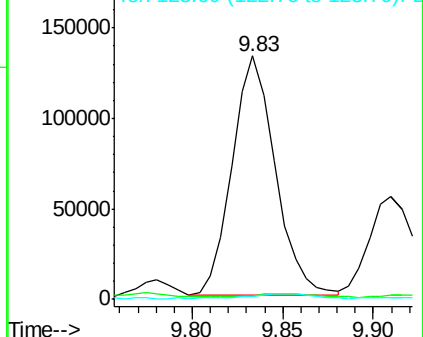
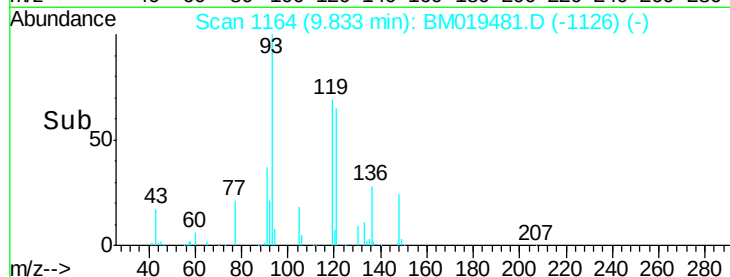
123 1.2 8.2 12.2#



Abundance Ion 93.00 (92.70 to 93.70): BM019481.D (-1126) (-)

Ion 95.00 (94.70 to 95.70): BM019481.D (-1126) (-)

Ion 123.00 (122.70 to 123.70): BM019481.D (-1126) (-)



#28

Naphthalene

Concen: 469.194 ng/ul

RT: 10.45 min Scan# 1268

Delta R.T. 0.02 min

Lab File: BM019481.D

Acq: 26 Mar 2019 21:41

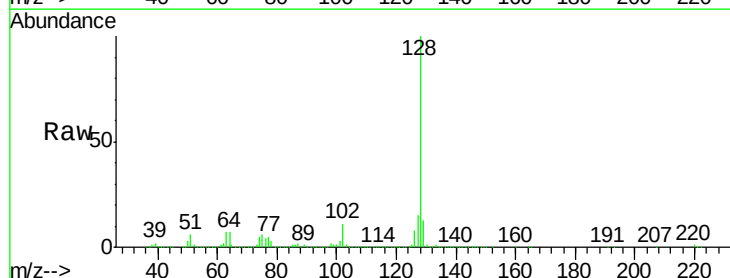
Tgt Ion: 128 Resp: 18075386

Ion Ratio Lower Upper

128 100

129 12.7 8.3 12.5#

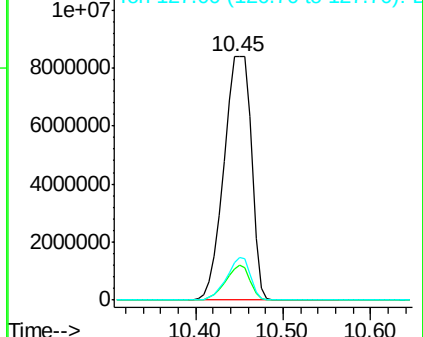
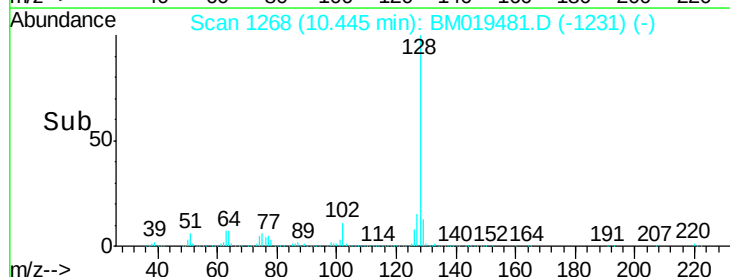
127 15.2 10.8 16.2

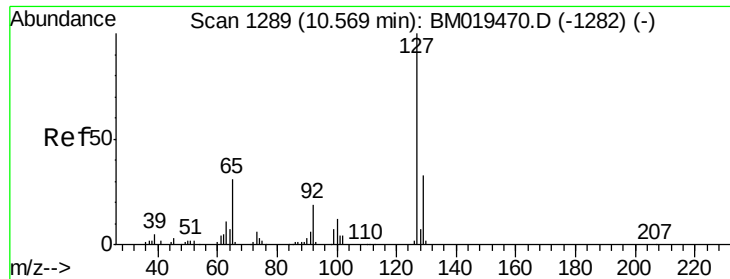


Abundance Ion 128.00 (127.70 to 128.70): BM019481.D (-1231) (-)

Ion 129.00 (128.70 to 129.70): BM019481.D (-1231) (-)

Ion 127.00 (126.70 to 127.70): BM019481.D (-1231) (-)

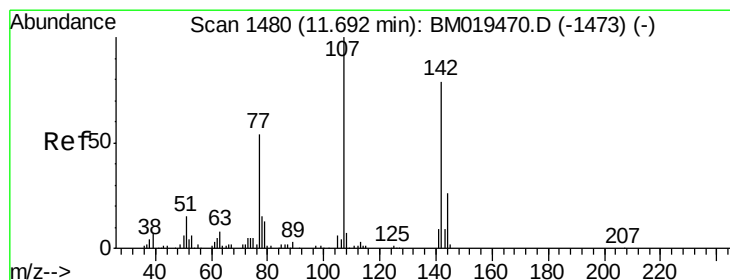
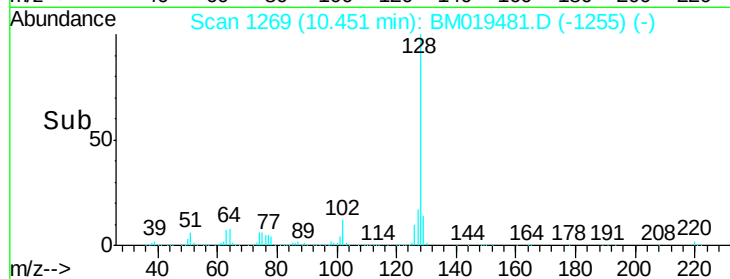
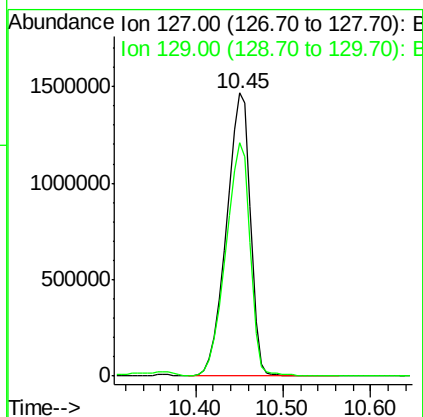
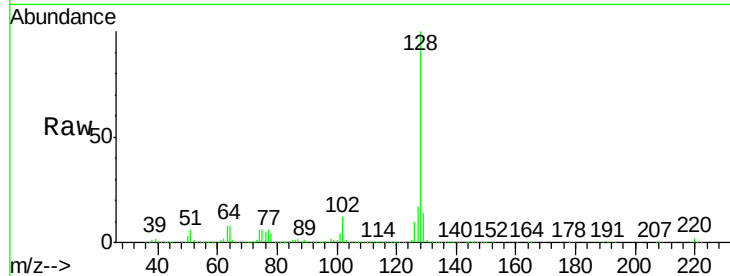




#30
4-Chloroaniline
Concen: 193.992 ng/ul
RT: 10.45 min Scan# 1269
Delta R.T. -0.12 min
Lab File: BM019481.D
Acq: 26 Mar 2019 21:41

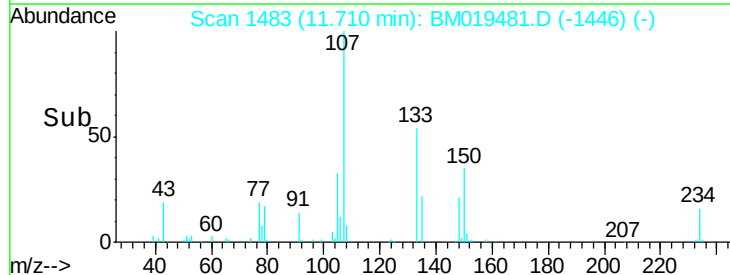
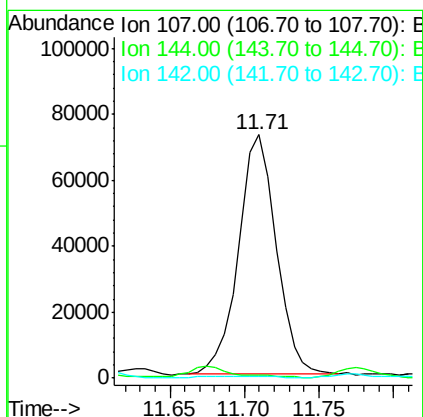
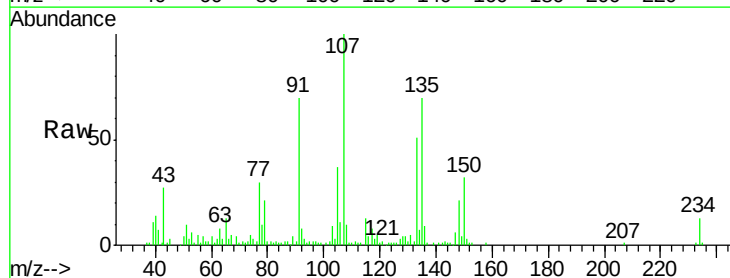
Instrument :
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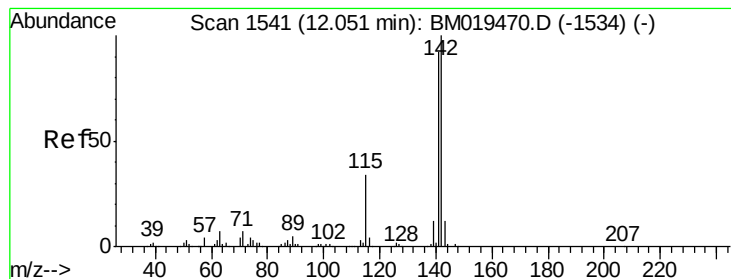
Tgt Ion:127 Resp: 2732305
Ion Ratio Lower Upper
127 100
129 82.4 24.6 37.0#



#33
4-Chloro-3-methylphenol
Concen: 10.794 ng/ul
RT: 11.71 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BM019481.D
Acq: 26 Mar 2019 21:41

Tgt Ion:107 Resp: 128078
Ion Ratio Lower Upper
107 100
144 1.3 21.1 31.7#
142 0.6 60.1 90.1#





#34

2-Methylnaphthalene

Concen: 110.295 ng/ul

RT: 12.06 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BM019481.D

Acq: 26 Mar 2019 21:41

Instrument :

BNA_M

ClientSampleId :

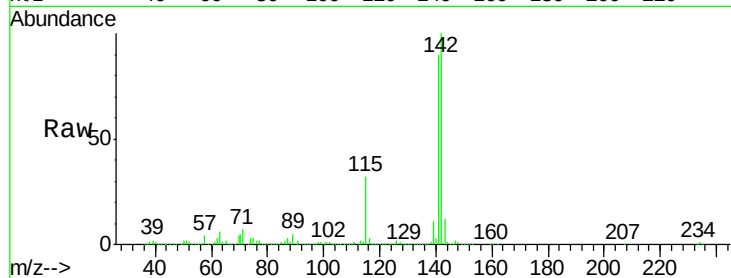
DB6S3

Tgt Ion:142 Resp: 2977327

Ion Ratio Lower Upper

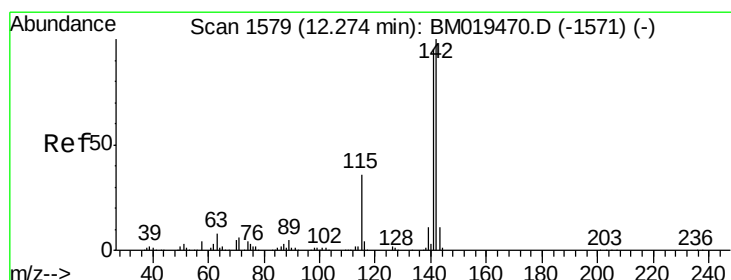
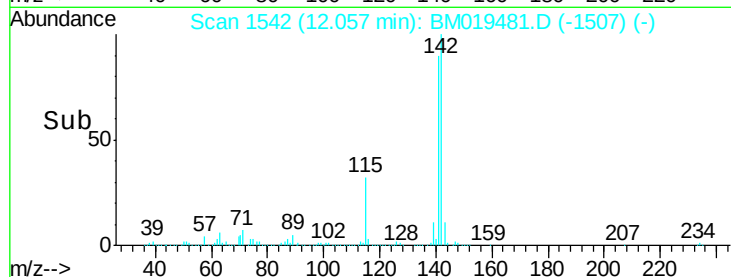
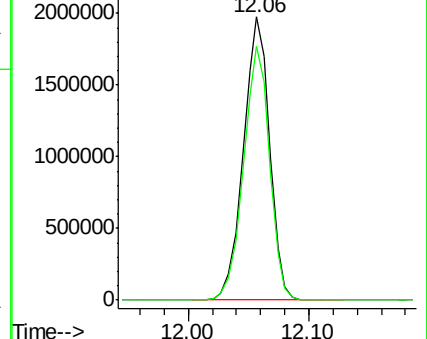
142 100

141 89.6 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: 54.424 ng/ul

RT: 12.28 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BM019481.D

Acq: 26 Mar 2019 21:41

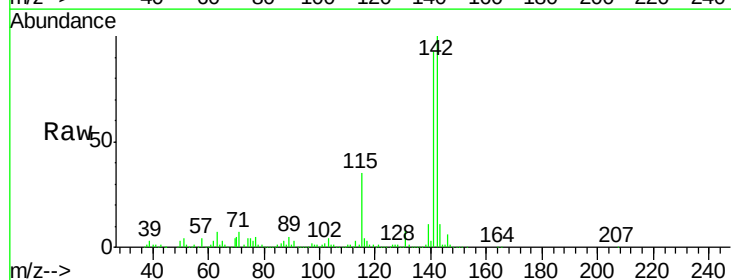
Tgt Ion:142 Resp: 1387170

Ion Ratio Lower Upper

142 100

141 92.5 76.6 115.0

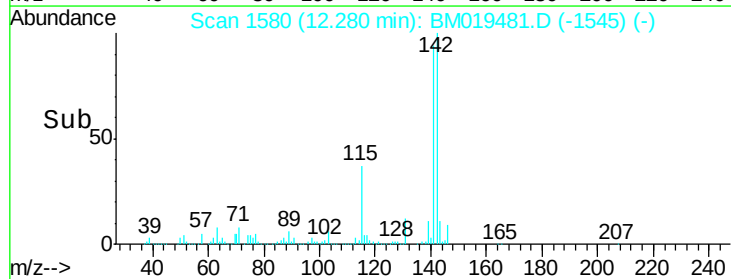
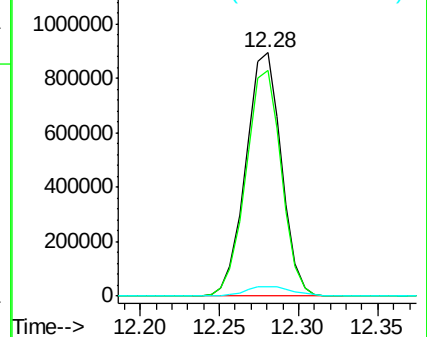
116 3.9 3.6 5.4

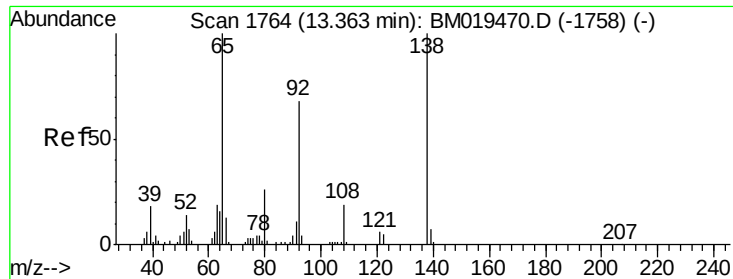


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#43

2-Nitroaniline

Concen: 5.682 ng/ul

RT: 13.40 min Scan# 1771

Delta R.T. 0.04 min

Lab File: BM019481.D

Acq: 26 Mar 2019 21:41

Instrument :

BNA_M

ClientSampleId :

DB6S3

Tgt Ion: 65 Resp: 45564

Ion Ratio Lower Upper

65 100

92 39.2 57.0 85.4#

138 1.1 87.2 130.8#

