

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019482.D
 Acq On : 26 Mar 2019 22:18
 Operator : JU/SJ
 Sample : K2063-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6S0

Quant Time: Mar 27 03:42:39 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	177392	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	737399	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	431153	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	962852	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1011052	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	978143	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14499	3.20	ng/uL	0.00
5) Phenol-d5	6.81	99	119966	7.59	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.96	67	260312	24.61	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	278199	23.24	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	190078	16.03	ng/ul	0.01
19) Nitrobenzene-d5	8.87	128	350	0.07	ng/ul	0.10
22) 2-Nitrophenol-d4	9.49	143	192468	32.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	328354	29.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	8101	0.61	ng/ul	0.04
44) Dimethylphthalate-d6	13.68	166	1022181	29.38	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1309480	30.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	41882	7.68	ng/ul	0.02
58) Fluorene-d10	15.26	176	886423	29.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	188298	29.57	ng/ul	0.00
71) Anthracene-d10	17.12	188	1432986	31.01	ng/ul	0.00
79) Pyrene-d10	19.42	212	1575522	33.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1512673	29.17	ng/ul	0.00

Target Compounds

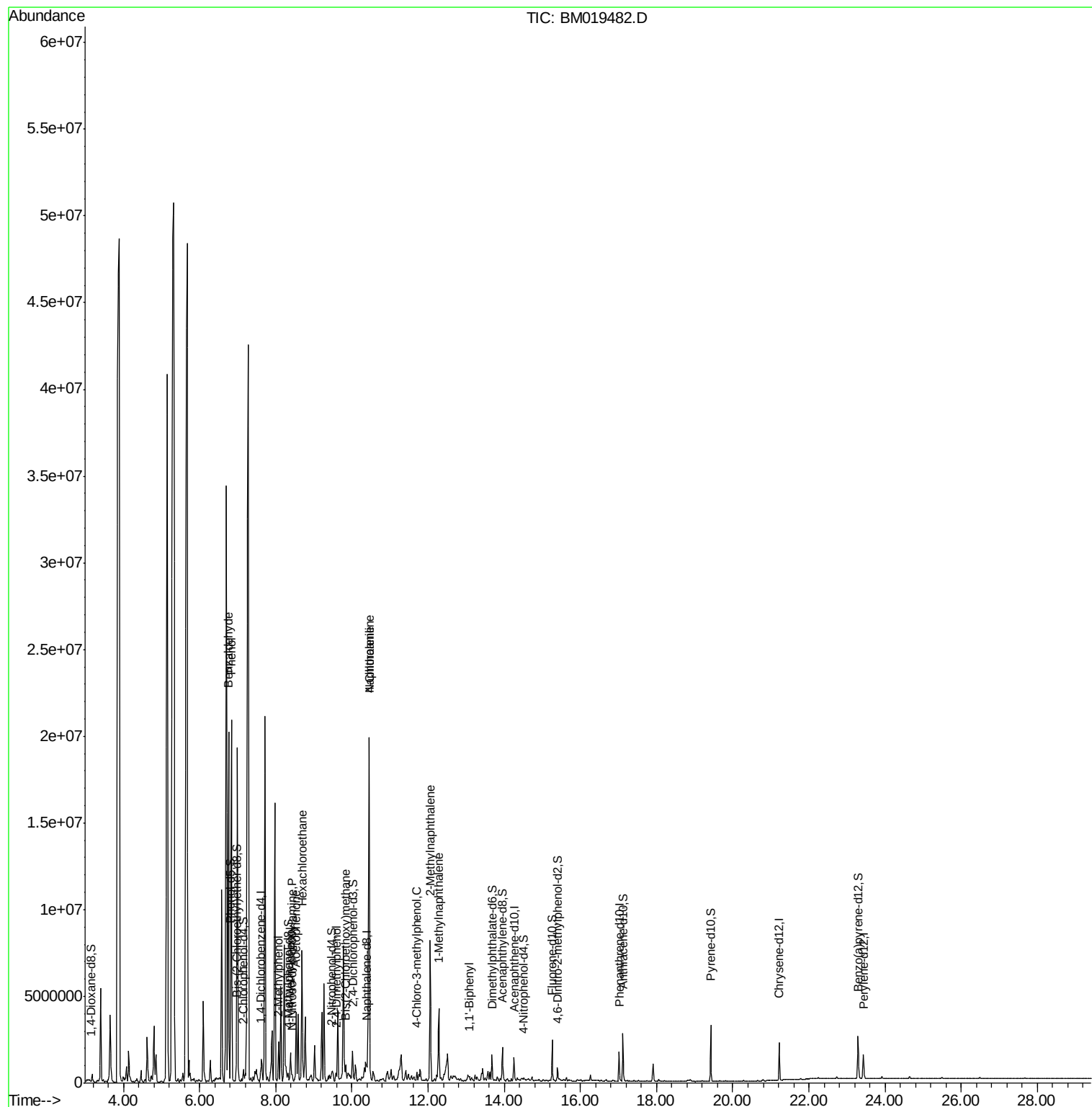
					Qvalue	
4) Benzaldehyde	6.76	77	1445011	127.702	ng/ul#	1
6) Phenol	6.83	94	25717	1.560	ng/ul#	1
11) 2-Methylphenol	8.06	108	45834	3.987	ng/ul	99
14) Acetophenone	8.53	105	309780	16.042	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.42	70	19143	1.769	ng/ul#	1
16) 4-Methylphenol	8.39	108	31343	2.486	ng/ul	90
17) Hexachloroethane	8.69	117	781520	152.787	ng/ul#	1
24) 2,4-Dimethylphenol	9.58	107	19047	1.357	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.83	93	153961	9.498	ng/ul#	53
28) Naphthalene	10.45	128	16704879	437.296	ng/ul	96
30) 4-Chloroaniline	10.45	127	2408014	172.417	ng/ul#	7
33) 4-Chloro-3-methylphenol	11.70	107	99713	8.474	ng/ul#	22
34) 2-Methylnaphthalene	12.06	142	3845112	143.650	ng/ul	100
35) 1-Methylnaphthalene	12.28	142	1938675	76.707	ng/ul#	97
41) 1,1'-Biphenyl	13.08	154	71361	1.943	ng/ul#	95

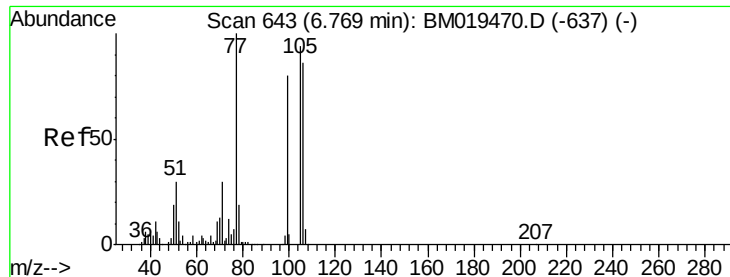
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
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QLast Update : Wed Mar 27 03:30:35 2019
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#4

Benzaldehyde

Concen: 127.702 ng/ul

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM019482.D

Acq: 26 Mar 2019 22:18

Instrument :

BNA_M

ClientSampleId :

DB6S0

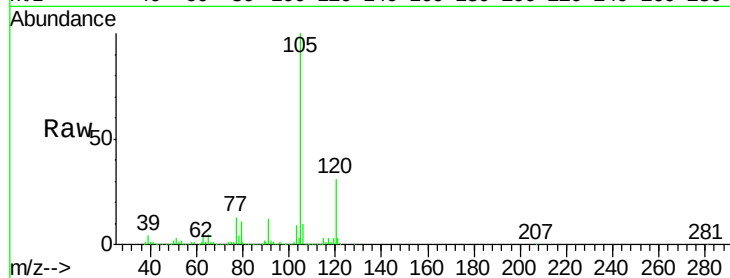
Tgt Ion: 77 Resp: 1445011

Ion Ratio Lower Upper

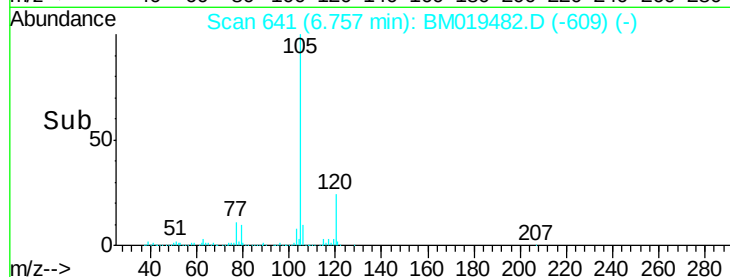
77 100

105 791.1 71.0 106.6#

106 75.6 69.5 104.3



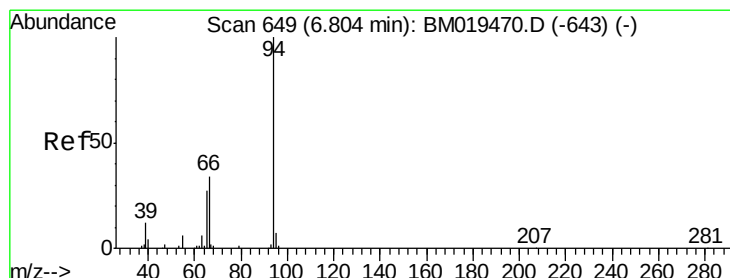
Abundance Ion 77.00 (76.70 to 77.70): BM019482.D (-609) (-)



Ion 105.00 (104.70 to 105.70): BM019482.D (-609) (-)

Ion 106.00 (105.70 to 106.70): BM019482.D (-609) (-)

Time-->



#6

Phenol

Concen: 1.560 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. 0.03 min

Lab File: BM019482.D

Acq: 26 Mar 2019 22:18

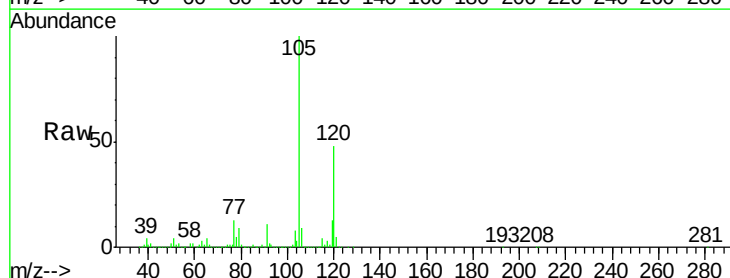
Tgt Ion: 94 Resp: 25717

Ion Ratio Lower Upper

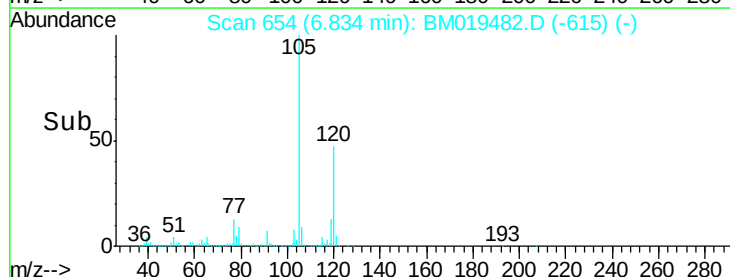
94 100

65 2130.0 23.0 34.6#

66 294.6 30.4 45.6#



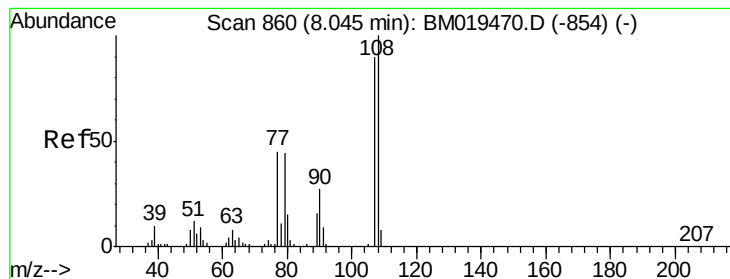
Abundance Ion 94.00 (93.70 to 94.70): BM019482.D (-615) (-)



Ion 65.00 (64.70 to 65.70): BM019482.D (-615) (-)

Ion 66.00 (65.70 to 66.70): BM019482.D (-615) (-)

Time-->



#11

2-Methylphenol

Concen: 3.987 ng/ul

RT: 8.06 min Scan# 862

Delta R.T. 0.01 min

Lab File: BM019482.D

Acq: 26 Mar 2019 22:18

Instrument :

BNA_M

ClientSampleId :

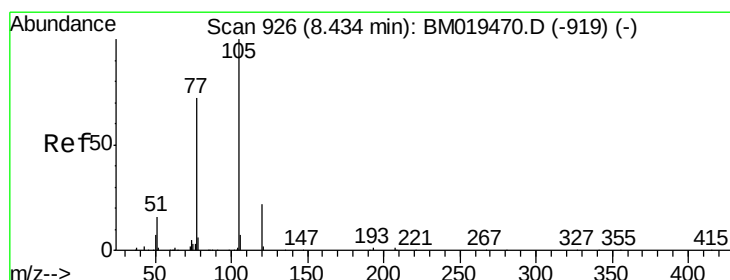
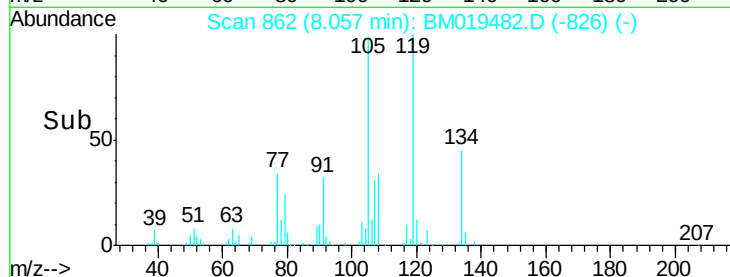
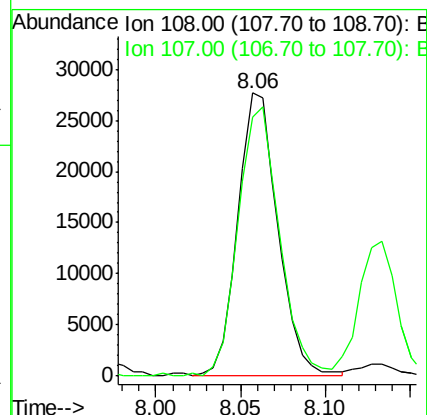
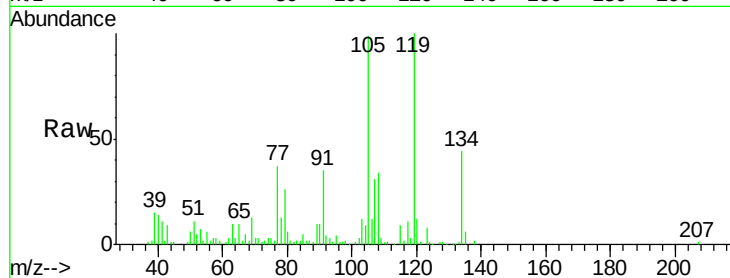
DB6S0

Tgt Ion:108 Resp: 45834

Ion Ratio Lower Upper

108 100

107 91.6 74.1 111.1



#14

Acetophenone

Concen: 16.042 ng/ul

RT: 8.53 min Scan# 943

Delta R.T. 0.10 min

Lab File: BM019482.D

Acq: 26 Mar 2019 22:18

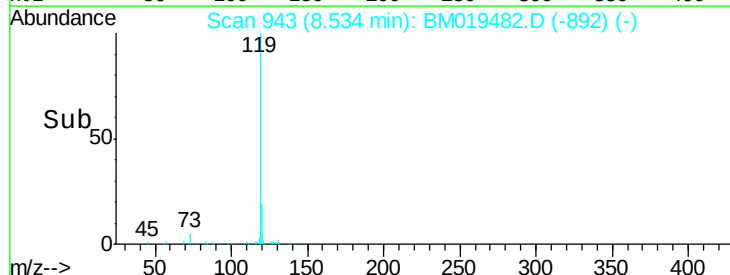
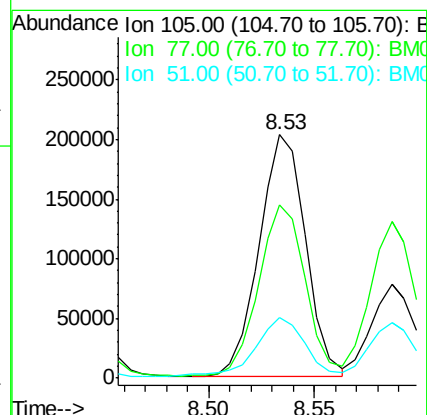
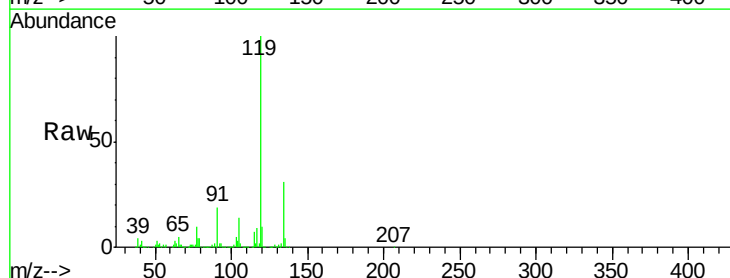
Tgt Ion:105 Resp: 309780

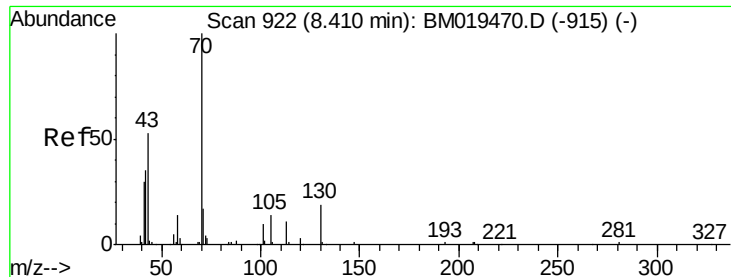
Ion Ratio Lower Upper

105 100

77 71.2 63.2 94.8

51 24.9 19.8 29.8

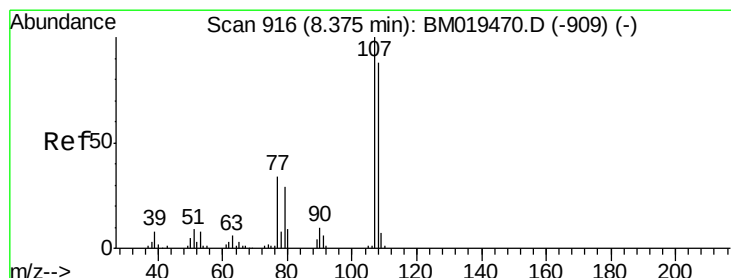
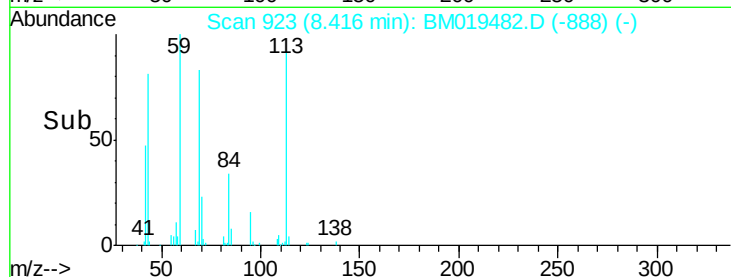
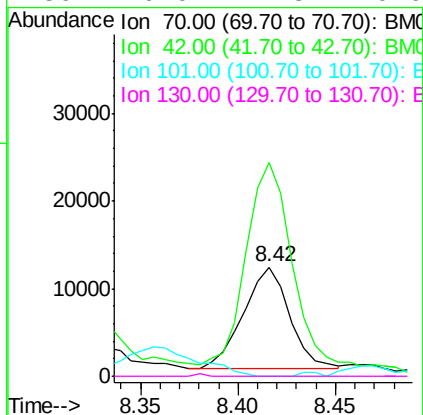
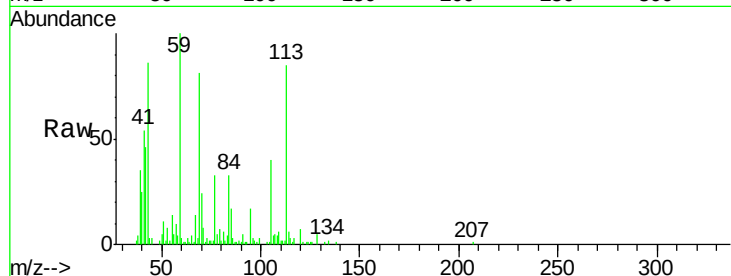




#15
N-Nitroso-di-n-propylamine
Concen: 1.769 ng/ul
RT: 8.42 min Scan# 923
Delta R.T. 0.01 min
Lab File: BM019482.D
Acq: 26 Mar 2019 22:18

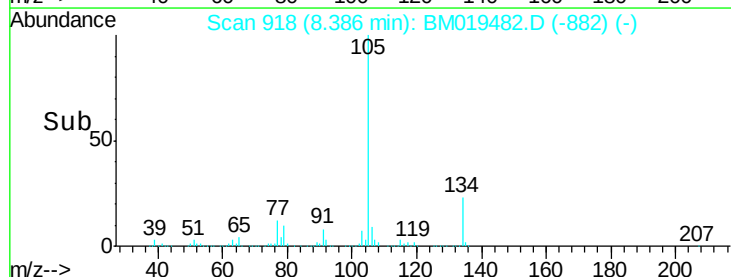
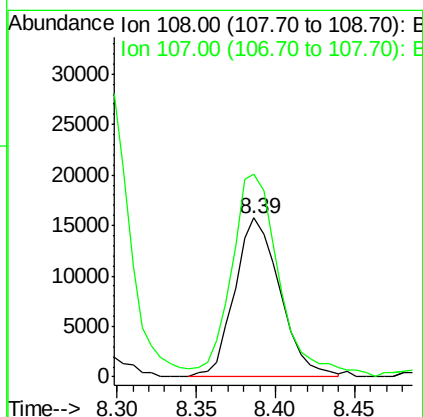
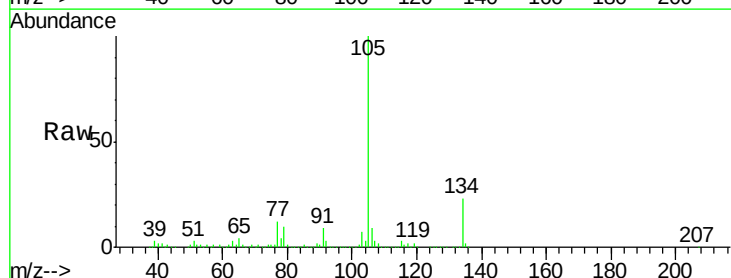
Instrument :
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ClientSampleId :
DB6S0

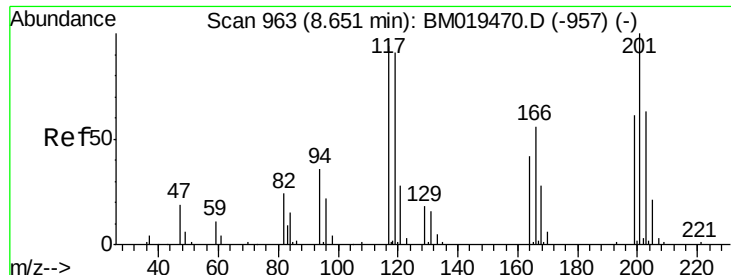
Tgt Ion: 70 Resp: 19143
Ion Ratio Lower Upper
70 100
42 195.2 40.2 60.4#
101 0.0 7.7 11.5#
130 0.0 17.8 26.6#



#16
4-Methylphenol
Concen: 2.486 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. 0.01 min
Lab File: BM019482.D
Acq: 26 Mar 2019 22:18

Tgt Ion: 108 Resp: 31343
Ion Ratio Lower Upper
108 100
107 127.5 93.6 140.4

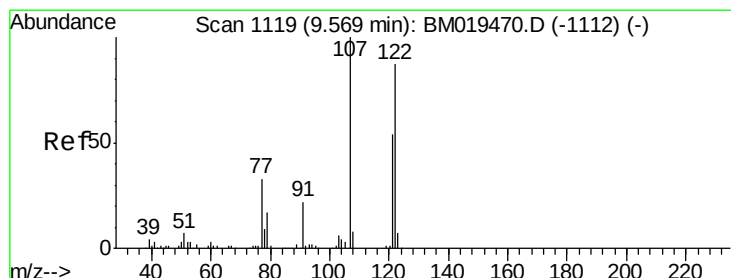
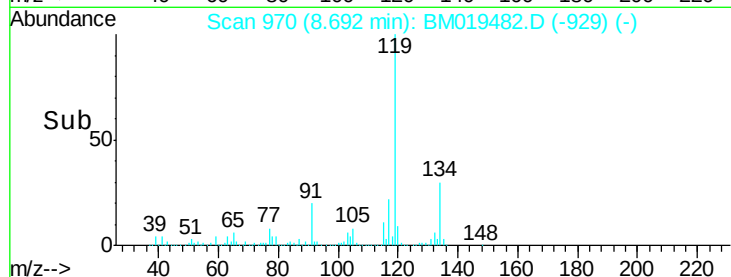
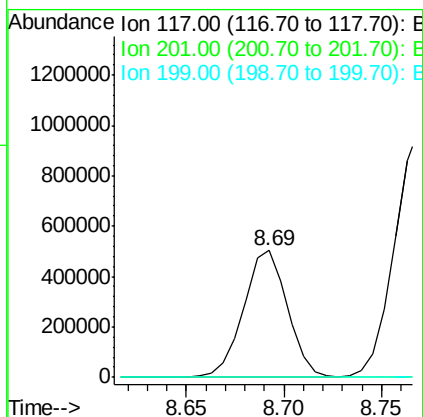
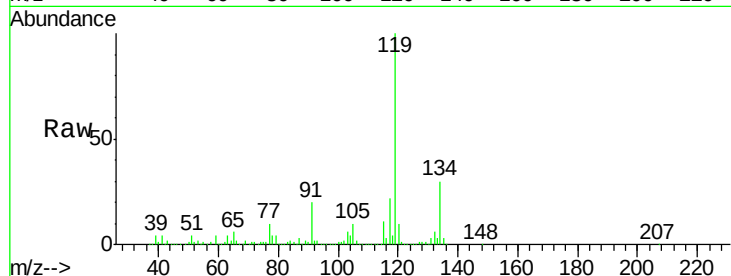




#17
Hexachloroethane
Concen: 152.787 ng/ul
RT: 8.69 min Scan# 970
Delta R.T. 0.04 min
Lab File: BM019482.D
Acq: 26 Mar 2019 22:18

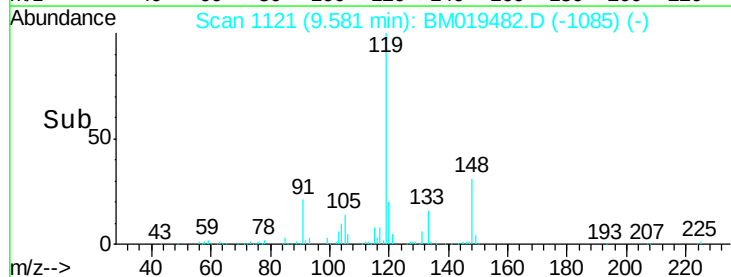
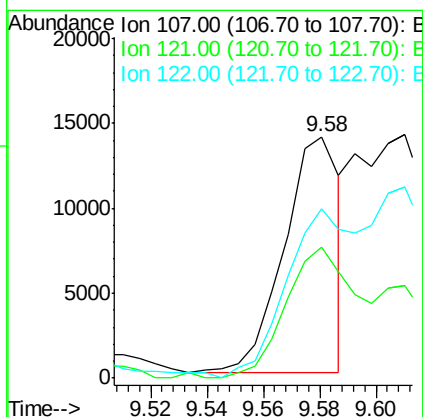
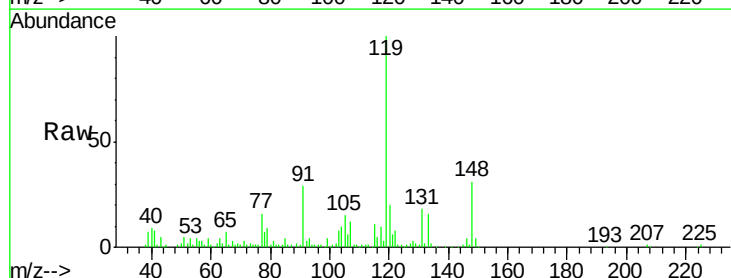
Instrument :
BNA_M
ClientSampleId :
DB6S0

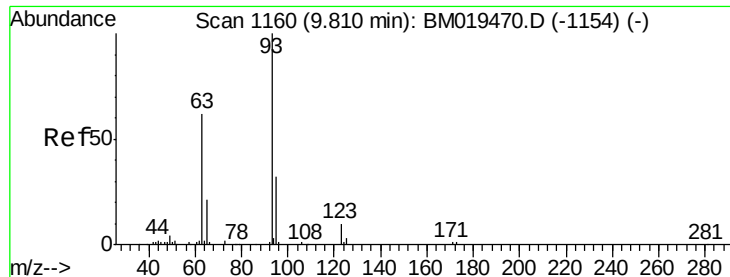
Tgt Ion:117 Resp: 781520
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#



#24
2,4-Dimethylphenol
Concen: 1.357 ng/ul
RT: 9.58 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BM019482.D
Acq: 26 Mar 2019 22:18

Tgt Ion:107 Resp: 19047
Ion Ratio Lower Upper
107 100
121 54.5 38.1 57.1
122 70.1 63.8 95.8





#25

Bis(2-Chloroethoxy)methane

Concen: 9.498 ng/ul

RT: 9.83 min Scan# 1163

Delta R.T. 0.02 min

Lab File: BM019482.D

Acq: 26 Mar 2019 22:18

Instrument :

BNA_M

ClientSampleId :

DB6S0

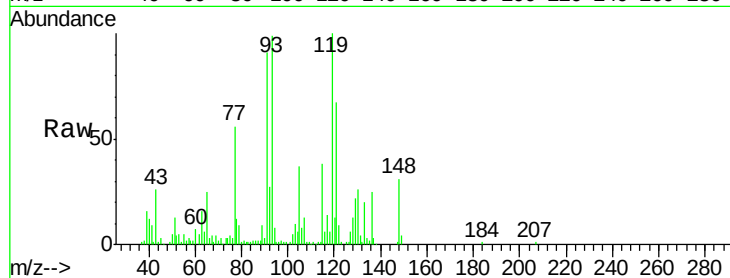
Tgt Ion: 93 Resp: 153961

Ion Ratio Lower Upper

93 100

95 1.3 24.7 37.1#

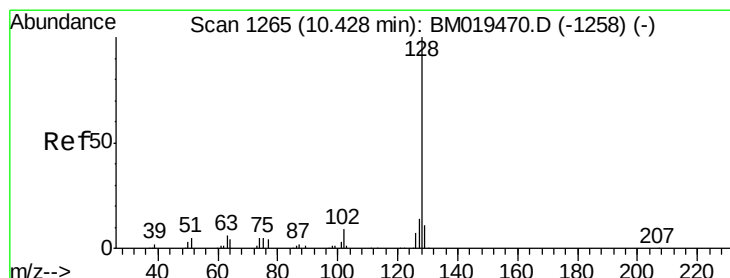
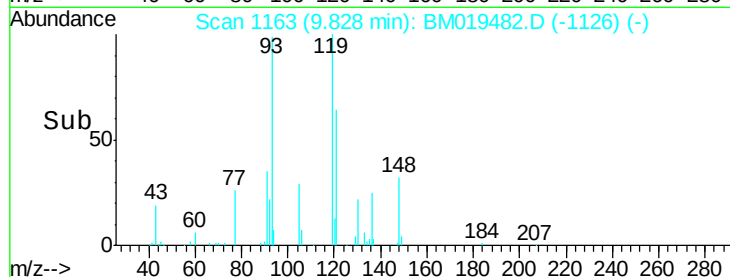
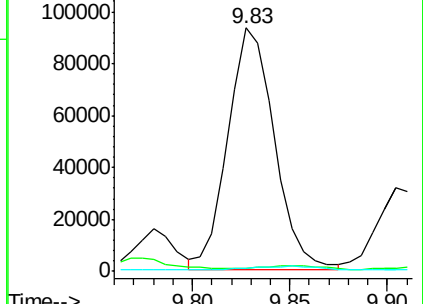
123 1.1 8.2 12.2#



Abundance Ion 93.00 (92.70 to 93.70): BM019470.D (-1154) (-)

Ion 95.00 (94.70 to 95.70): BM019470.D (-1154) (-)

Ion 123.00 (122.70 to 123.70): BM019470.D (-1154) (-)



#28

Naphthalene

Concen: 437.296 ng/ul

RT: 10.45 min Scan# 1268

Delta R.T. 0.02 min

Lab File: BM019482.D

Acq: 26 Mar 2019 22:18

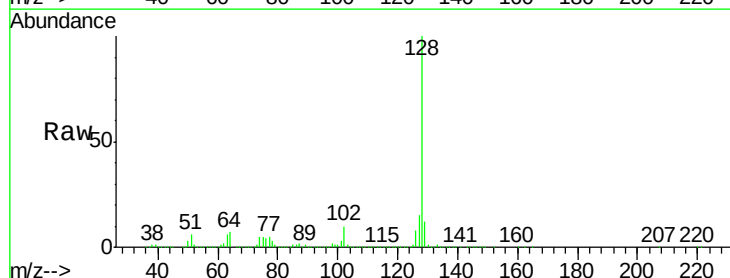
Tgt Ion: 128 Resp: 16704879

Ion Ratio Lower Upper

128 100

129 12.3 8.3 12.5

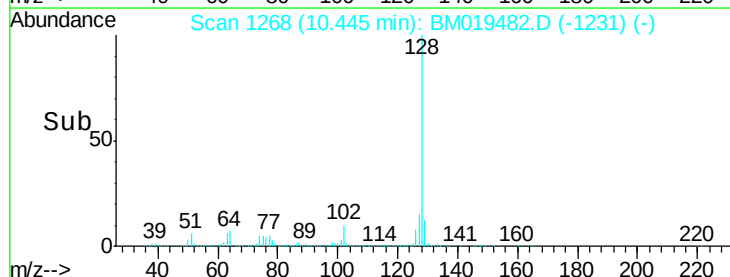
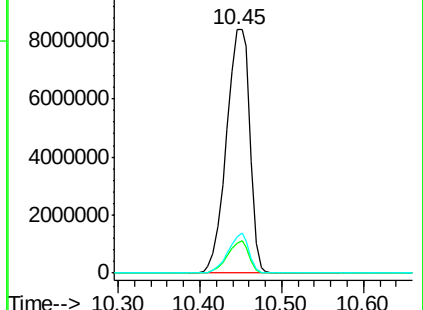
127 14.8 10.8 16.2

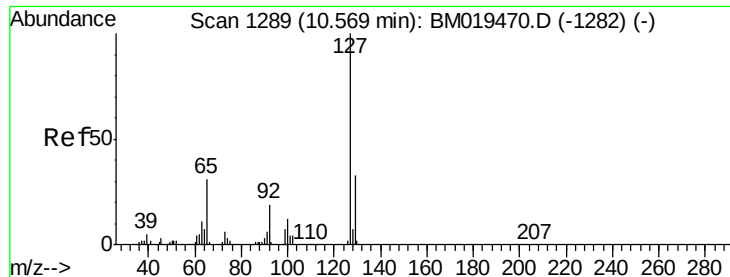


Abundance Ion 128.00 (127.70 to 128.70): BM019470.D (-1258) (-)

Ion 129.00 (128.70 to 129.70): BM019470.D (-1258) (-)

Ion 127.00 (126.70 to 127.70): BM019470.D (-1258) (-)

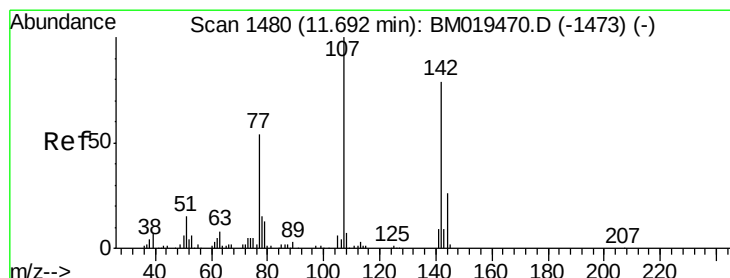
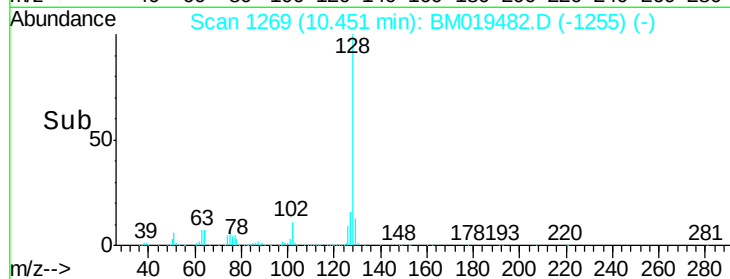
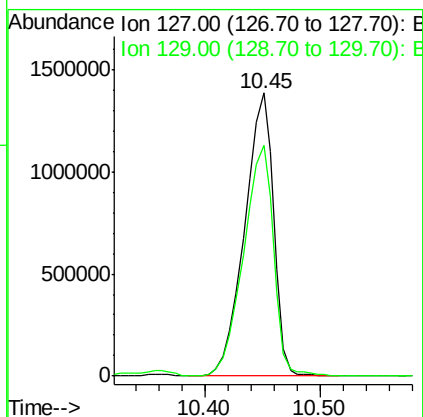
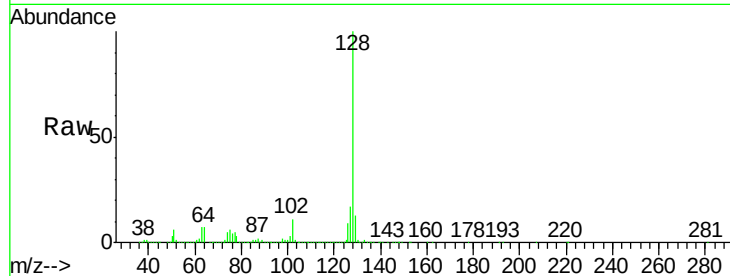




#30
 4-Chloroaniline
 Concen: 172.417 ng/ul
 RT: 10.45 min Scan# 1269
 Delta R.T. -0.12 min
 Lab File: BM019482.D
 Acq: 26 Mar 2019 22:18

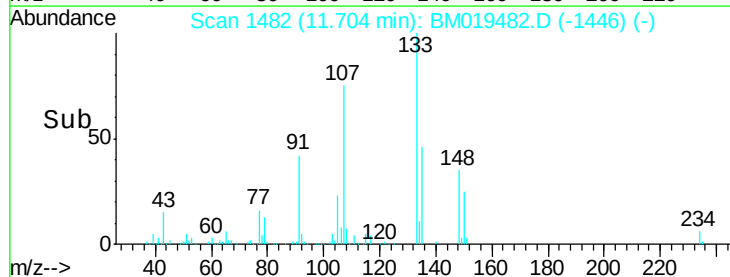
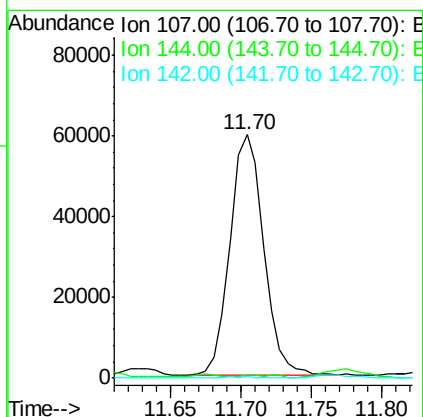
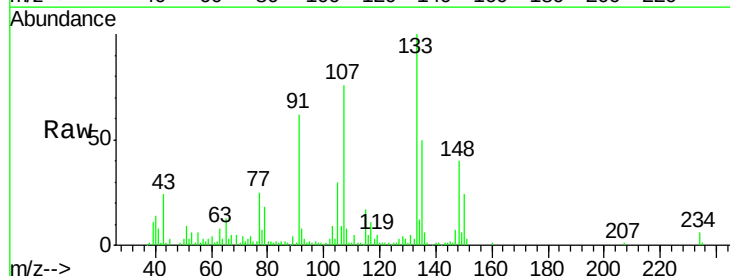
Instrument :
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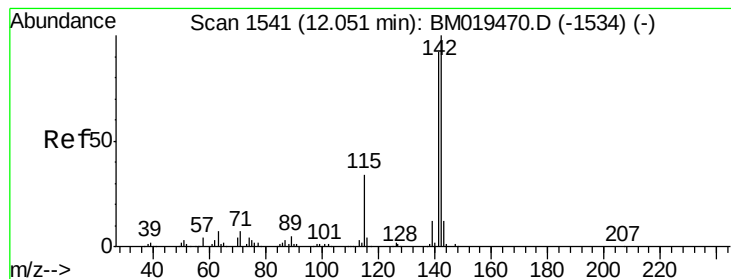
Tgt Ion:127 Resp: 2408014
 Ion Ratio Lower Upper
 127 100
 129 81.5 24.6 37.0#



#33
 4-Chloro-3-methylphenol
 Concen: 8.474 ng/ul
 RT: 11.70 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BM019482.D
 Acq: 26 Mar 2019 22:18

Tgt Ion:107 Resp: 99713
 Ion Ratio Lower Upper
 107 100
 144 1.1 21.1 31.7#
 142 0.5 60.1 90.1#





#34

2-Methylnaphthalene

Concen: 143.650 ng/ul

RT: 12.06 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BM019482.D

Acq: 26 Mar 2019 22:18

Instrument :

BNA_M

ClientSampleId :

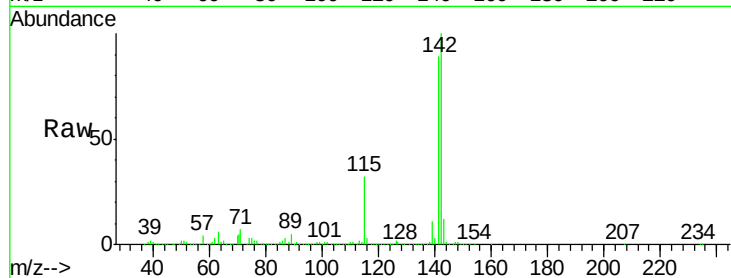
DB6S0

Tgt Ion:142 Resp: 3845112

Ion Ratio Lower Upper

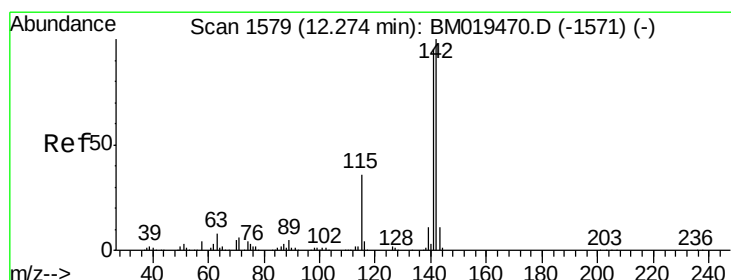
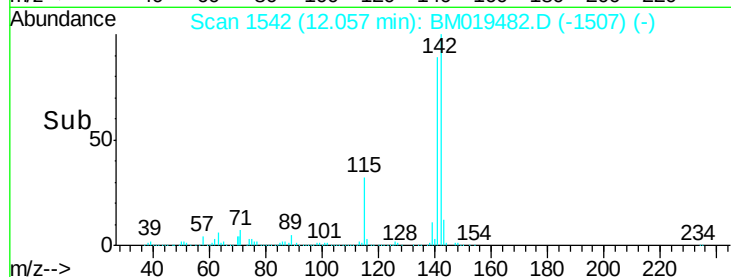
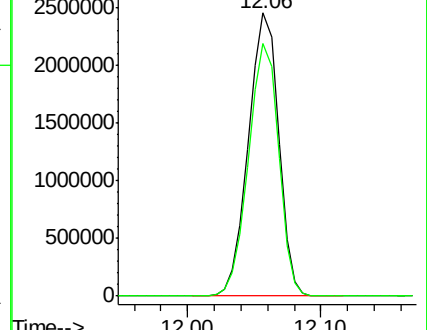
142 100

141 89.4 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: 76.707 ng/ul

RT: 12.28 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BM019482.D

Acq: 26 Mar 2019 22:18

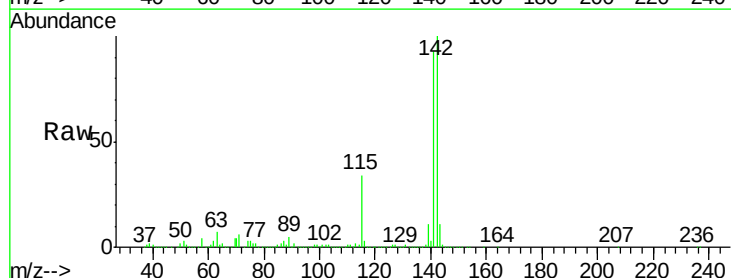
Tgt Ion:142 Resp: 1938675

Ion Ratio Lower Upper

142 100

141 92.7 76.6 115.0

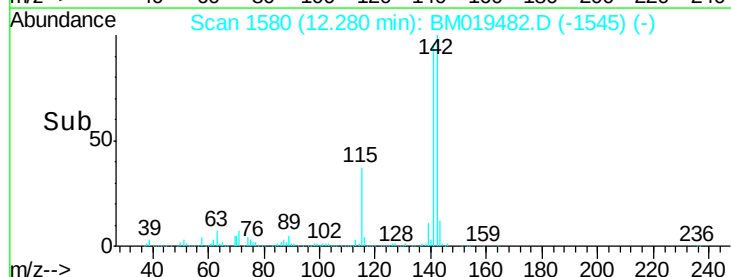
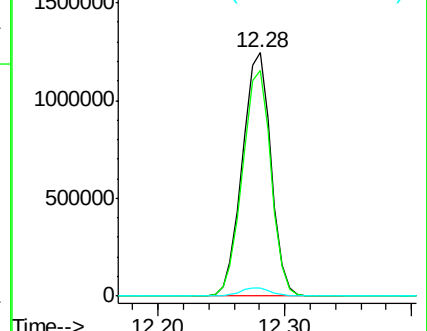
116 3.4 3.6 5.4#

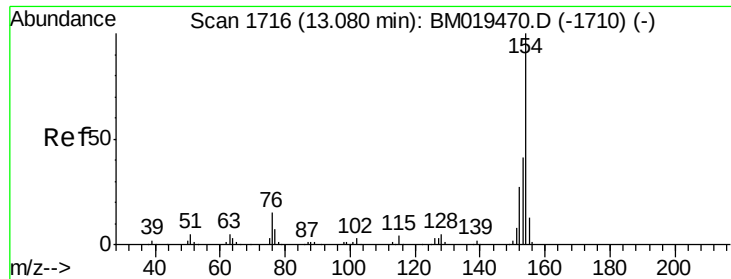


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

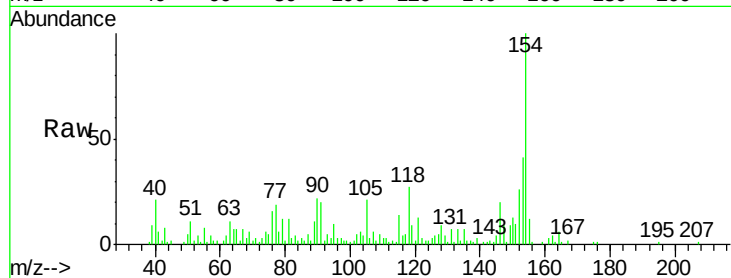




#41
 1,1'-Biphenyl
 Concen: 1.943 ng/ul
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BM019482.D
 Acq: 26 Mar 2019 22:18

Instrument :
 BNA_M
 ClientSampleId :
 DB6S0

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	34.0	51.0
76	16.1	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): BM0

