

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019523.D
 Acq On : 28 Mar 2019 02:17
 Operator : JU/SJ
 Sample : K2063-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6R7

Quant Time: Mar 28 05:15:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 05:07:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	98161	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.37	136	423506	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.24	164	240652	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	527782	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	647383	20.00	ng/ul	-0.01
86) Perylene-d12	23.42	264	833720	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	8931	3.56	ng/uL	-0.01
5) Phenol-d5	6.79	99	101854	11.65	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.95	67	200511	34.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	193017	29.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	138074	21.04	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	1759	0.58	ng/ul	0.06
22) 2-Nitrophenol-d4	9.47	143	129195	38.42	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	214808	33.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	5946	0.78	ng/ul	0.04
44) Dimethylphthalate-d6	13.67	166	686716	35.37	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	845337	34.82	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.47	143	179	0.06	ng/ul	-0.02
58) Fluorene-d10	15.24	176	564862	33.76	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	114642	32.85	ng/ul	-0.01
71) Anthracene-d10	17.10	188	898035	35.46	ng/ul	-0.01
79) Pyrene-d10	19.41	212	1003605	33.56	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.28	264	1427294	32.29	ng/ul	-0.01

Target Compounds

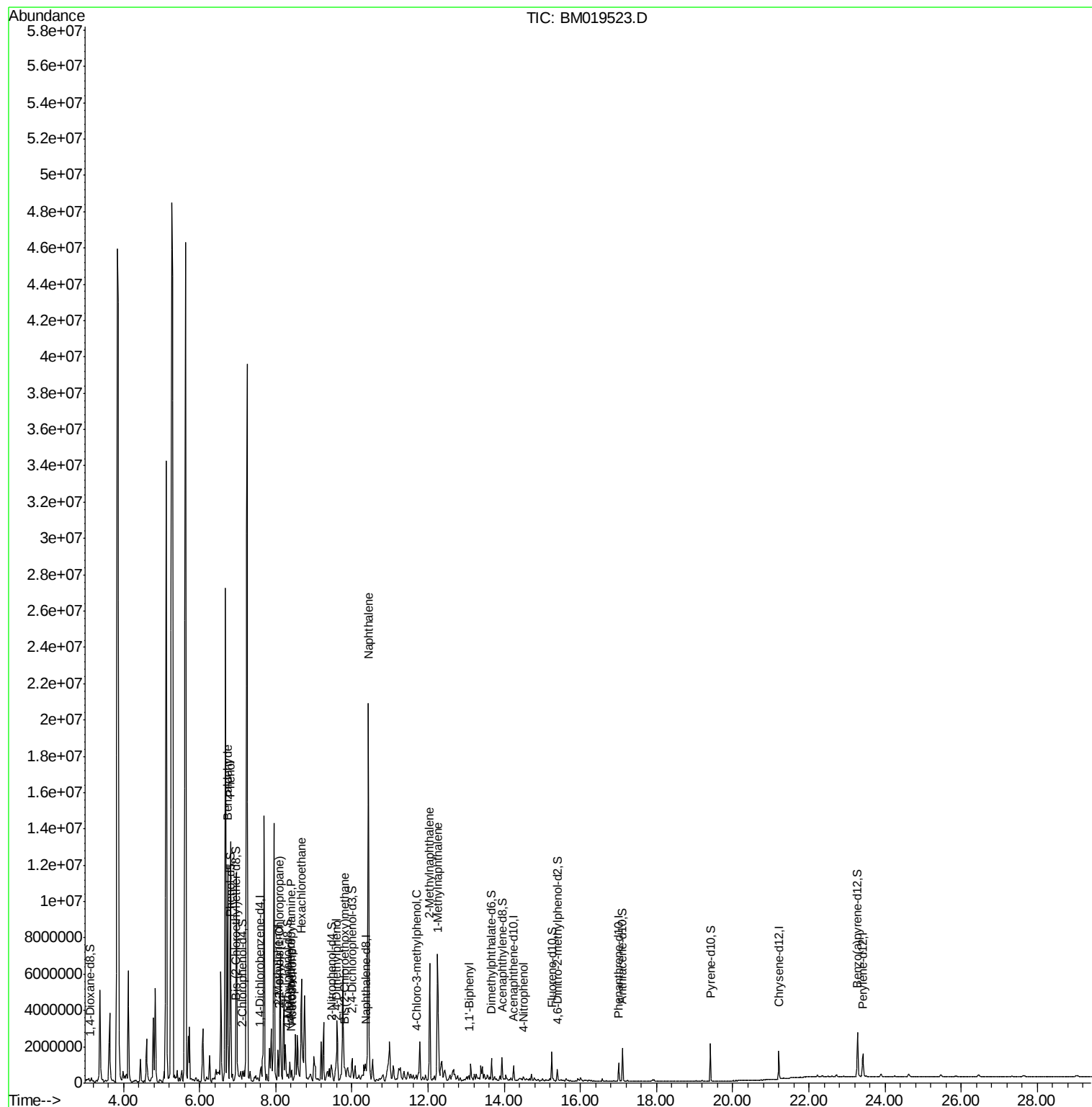
					Qvalue	
4) Benzaldehyde	6.73	77	896614	143.195	ng/ul#	1
6) Phenol	6.82	94	33438	3.666	ng/ul#	1
11) 2-Methylphenol	8.05	108	42009	6.604	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	17671	2.672	ng/ul#	1
14) Acetophenone	8.42	105	304872	28.531	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.40	70	8064	1.347	ng/ul#	1
16) 4-Methylphenol	8.38	108	39232	5.623	ng/ul	96
17) Hexachloroethane	8.67	117	624104	220.495	ng/ul#	1
24) 2,4-Dimethylphenol	9.58	107	91579	11.363	ng/ul#	66
25) Bis(2-Chloroethoxy)methane	9.82	93	90337	9.704	ng/ul#	63
28) Naphthalene	10.43	128	15091844	687.887	ng/ul#	95
33) 4-Chloro-3-methylphenol	11.69	107	60100	8.894	ng/ul#	24
34) 2-Methylnaphthalene	12.05	142	2827067	183.898	ng/ul	98
35) 1-Methylnaphthalene	12.26	142	1361613	93.805	ng/ul	98
41) 1,1'-Biphenyl	13.07	154	43628	2.129	ng/ul#	95
53) 4-Nitrophenol	14.50	109	2961	1.243	ng/ul#	11

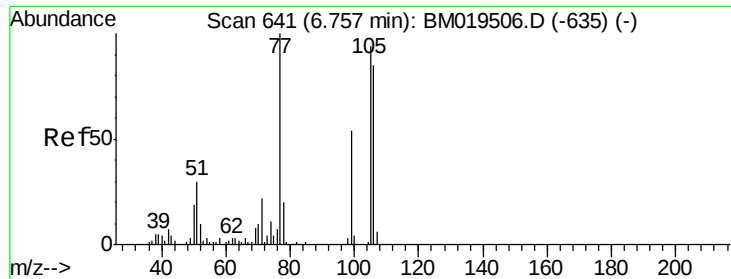
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#4

Benzaldehyde

Concen: 143.195 ng/ul

RT: 6.73 min Scan# 637

Delta R.T. -0.04 min

Lab File: BM019523.D

Acq: 28 Mar 2019 02:17

Instrument :

BNA_M

ClientSampled :

DB6R7

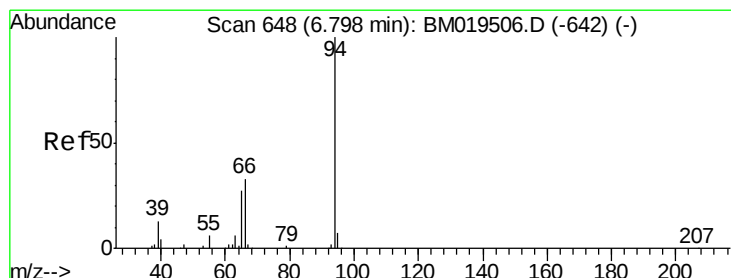
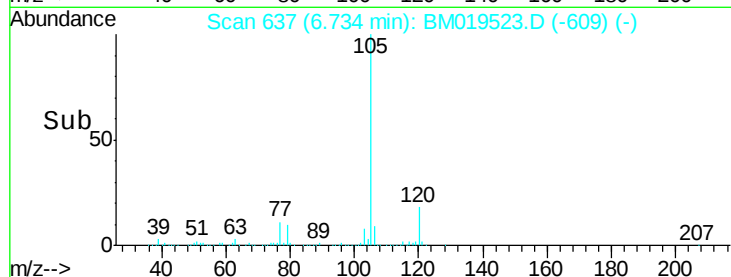
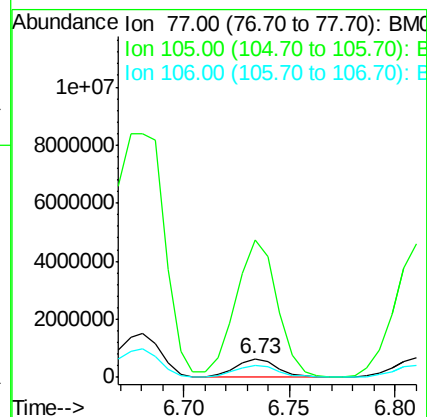
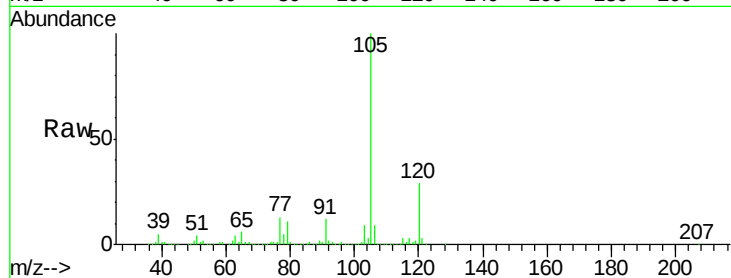
Tgt Ion: 77 Resp: 896614

Ion Ratio Lower Upper

77 100

105 745.1 71.0 106.6#

106 67.2 69.5 104.3#



#6

Phenol

Concen: 3.666 ng/ul

RT: 6.82 min Scan# 651

Delta R.T. 0.01 min

Lab File: BM019523.D

Acq: 28 Mar 2019 02:17

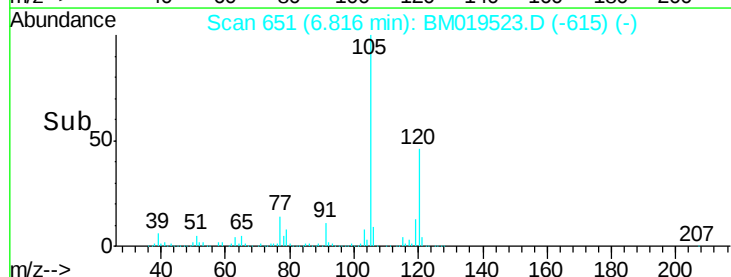
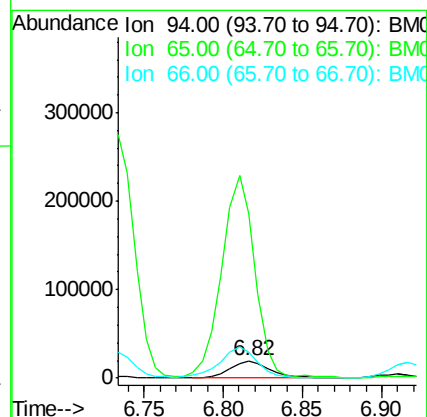
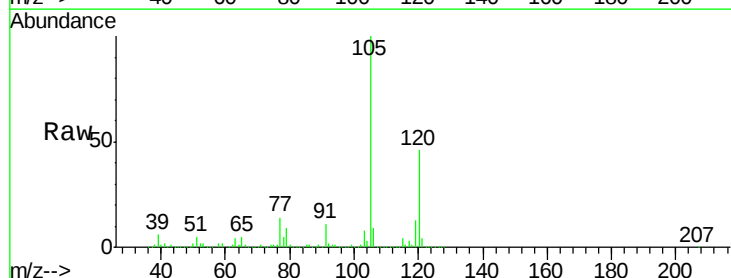
Tgt Ion: 94 Resp: 33438

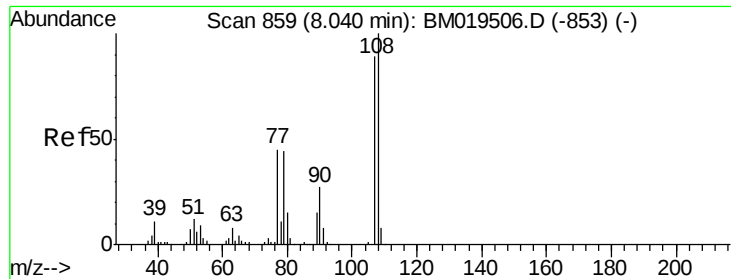
Ion Ratio Lower Upper

94 100

65 967.5 23.0 34.6#

66 155.3 30.4 45.6#

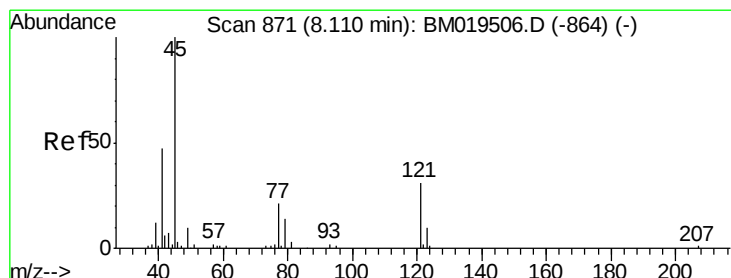
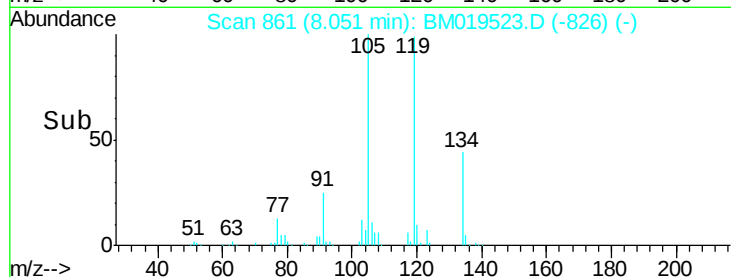
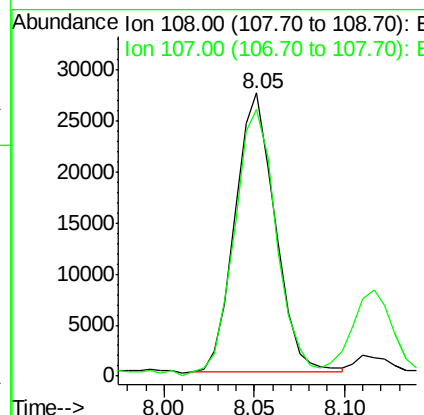
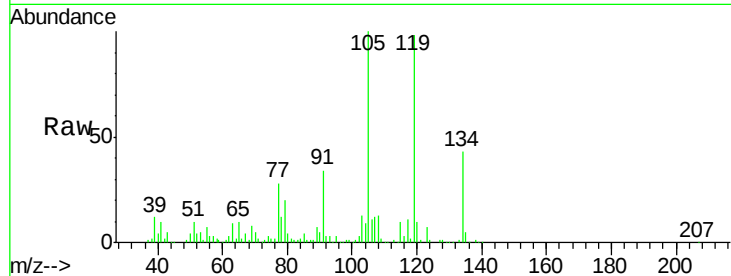




#11
 2-Methylphenol
 Concen: 6.604 ng/u1
 RT: 8.05 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: BM019523.D
 Acq: 28 Mar 2019 02:17

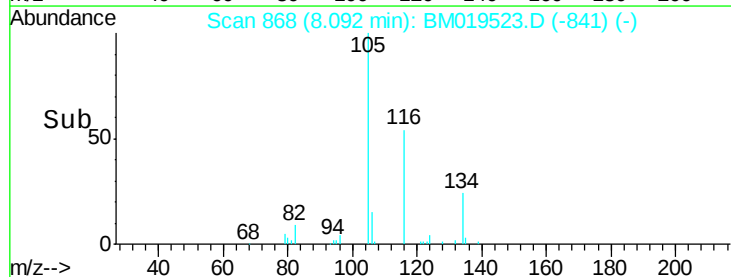
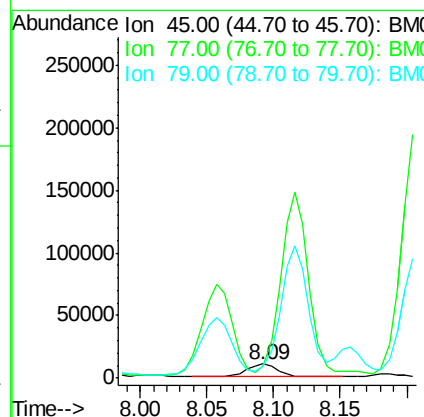
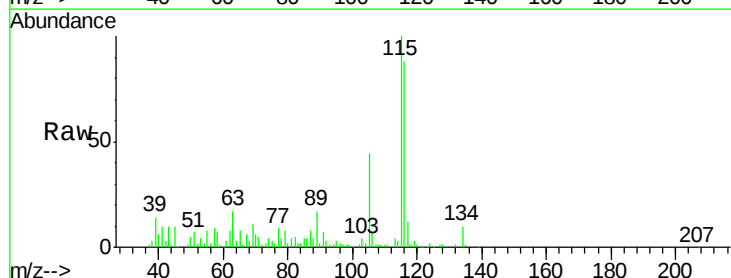
Instrument :
 BNA_M
 ClientSampleId :
 DB6R7

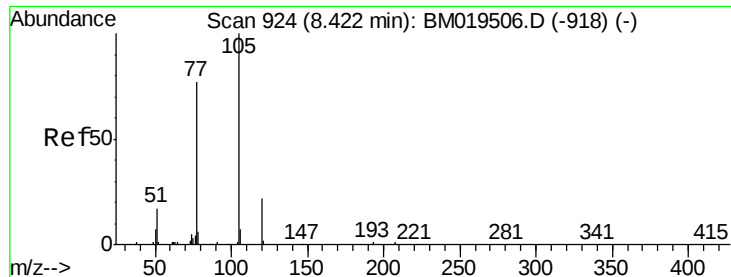
Tgt Ion:108 Resp: 42009
 Ion Ratio Lower Upper
 108 100
 107 94.3 74.1 111.1



#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.672 ng/u1
 RT: 8.09 min Scan# 868
 Delta R.T. -0.04 min
 Lab File: BM019523.D
 Acq: 28 Mar 2019 02:17

Tgt Ion: 45 Resp: 17671
 Ion Ratio Lower Upper
 45 100
 77 85.5 12.5 18.7#
 79 82.1 9.4 14.2#





#14

Acetophenone

Concen: 28.531 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM019523.D

Acq: 28 Mar 2019 02:17

Instrument :

BNA_M

ClientSampled :

DB6R7

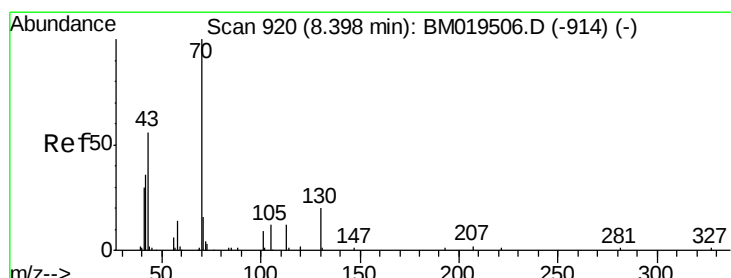
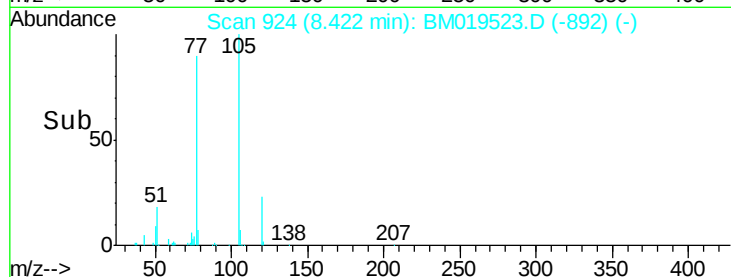
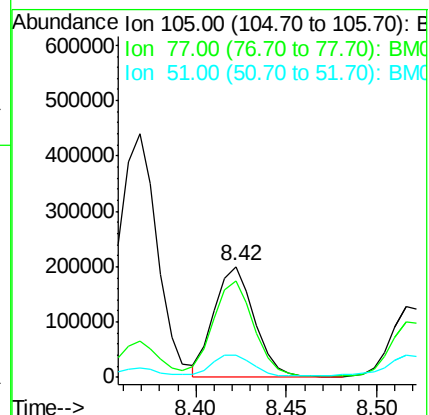
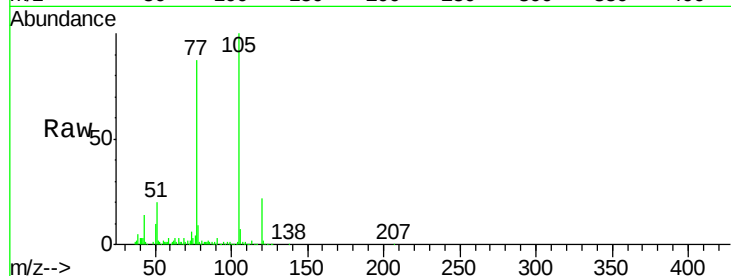
Tgt Ion: 105 Resp: 304872

Ion Ratio Lower Upper

105 100

77 87.1 63.2 94.8

51 20.3 19.8 29.8



#15

N-Nitroso-di-n-propylamine

Concen: 1.347 ng/ul

RT: 8.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BM019523.D

Acq: 28 Mar 2019 02:17

Tgt Ion: 70 Resp: 8064

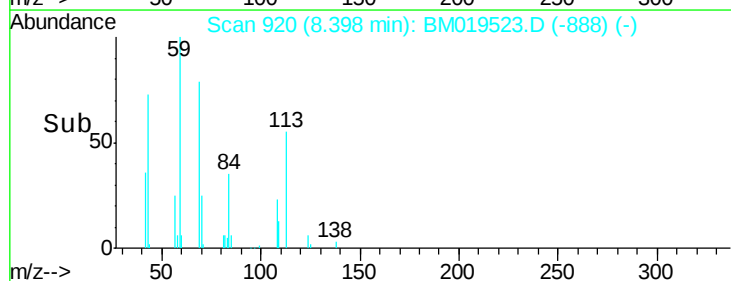
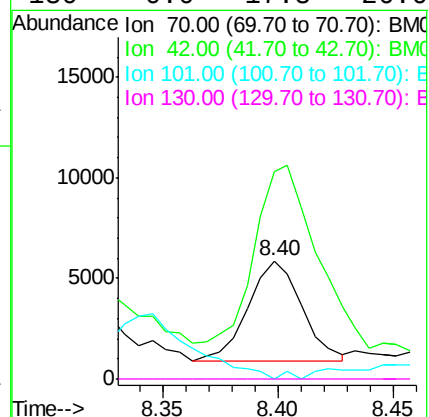
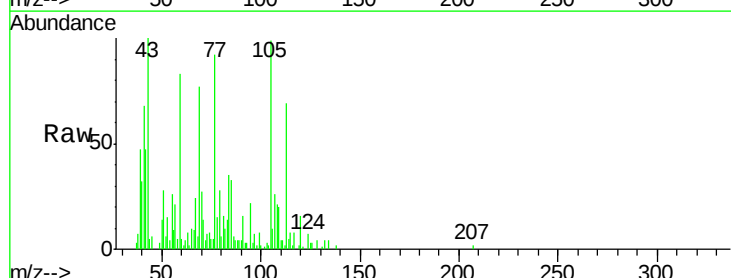
Ion Ratio Lower Upper

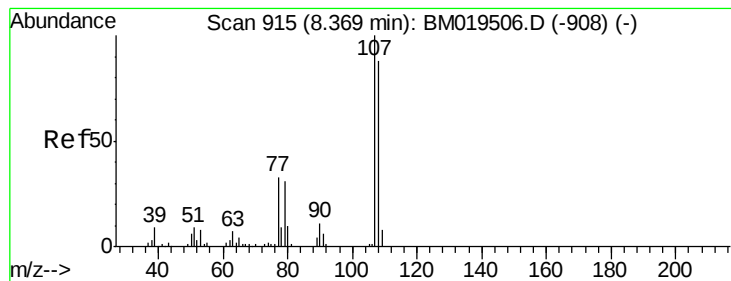
70 100

42 175.6 40.2 60.4#

101 0.0 7.7 11.5#

130 0.0 17.8 26.6#





#16

4-Methylphenol

Concen: 5.623 ng/ul

RT: 8.38 min Scan# 917

Delta R.T. 0.01 min

Lab File: BM019523.D

Acq: 28 Mar 2019 02:17

Instrument :

BNA_M

ClientSampleId :

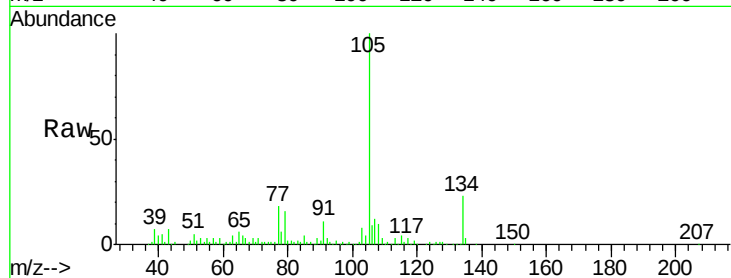
DB6R7

Tgt Ion:108 Resp: 39232

Ion Ratio Lower Upper

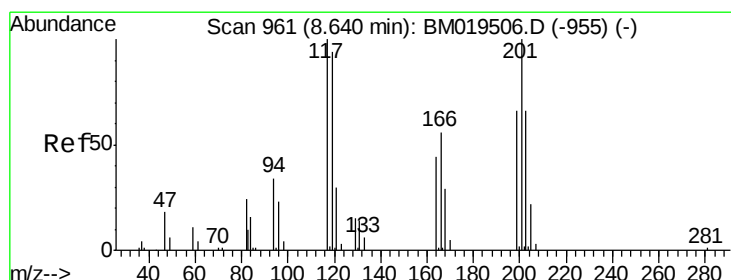
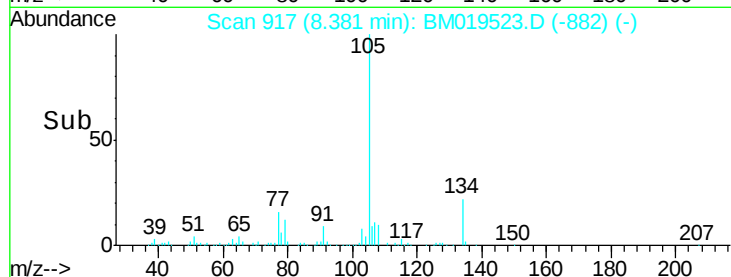
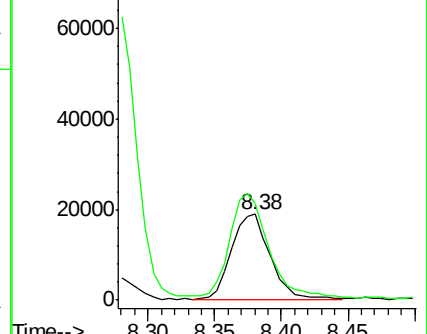
108 100

107 112.6 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: 220.495 ng/ul

RT: 8.67 min Scan# 967

Delta R.T. 0.02 min

Lab File: BM019523.D

Acq: 28 Mar 2019 02:17

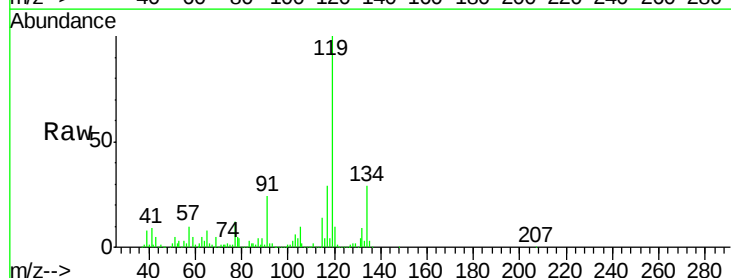
Tgt Ion:117 Resp: 624104

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

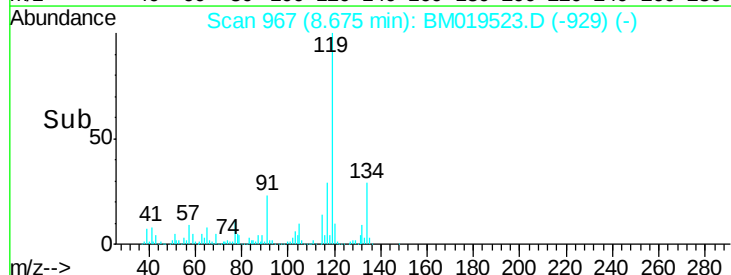
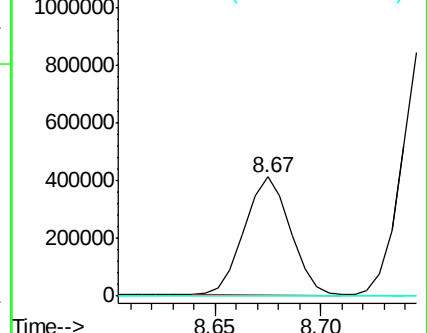
199 0.0 59.7 89.5#

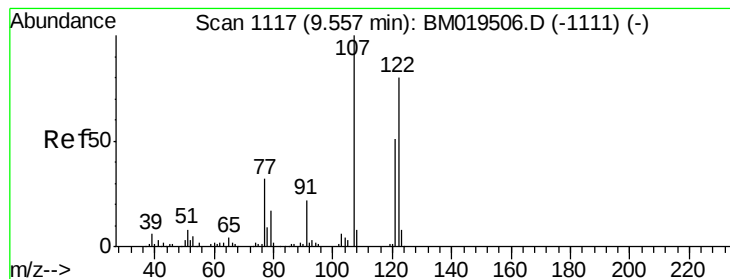


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#24

2,4-Dimethylphenol

Concen: 11.363 ng/ul

RT: 9.58 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BM019523.D

Acq: 28 Mar 2019 02:17

Instrument :

BNA_M

ClientSampled :

DB6R7

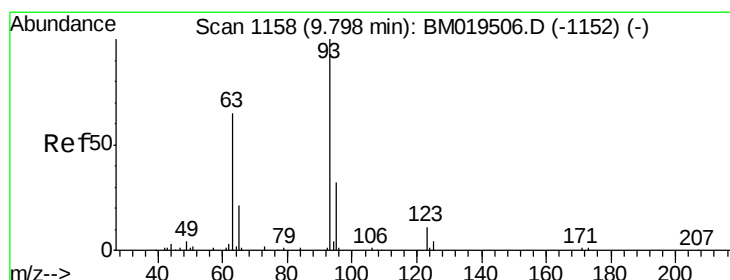
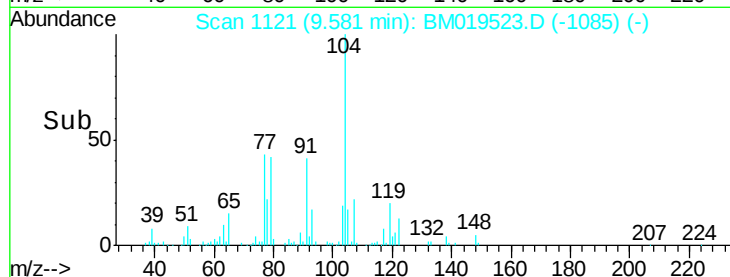
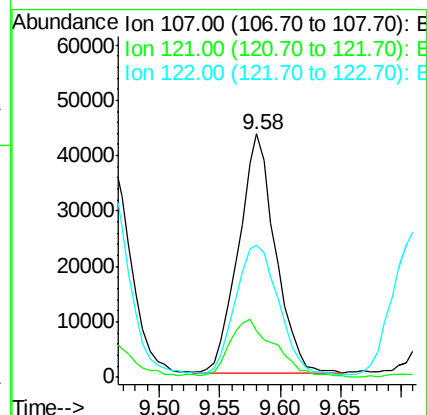
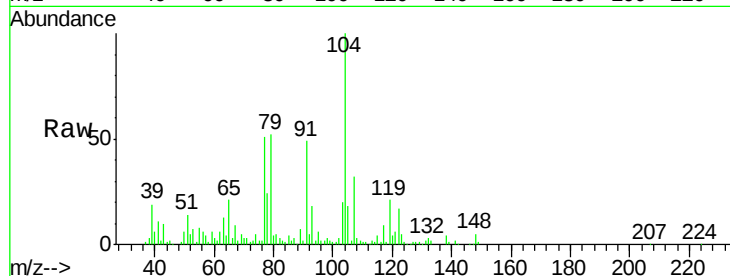
Tgt Ion:107 Resp: 91579

Ion Ratio Lower Upper

107 100

121 18.9 38.1 57.1#

122 54.4 63.8 95.8#



#25

Bis(2-Chloroethoxy)methane

Concen: 9.704 ng/ul

RT: 9.82 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BM019523.D

Acq: 28 Mar 2019 02:17

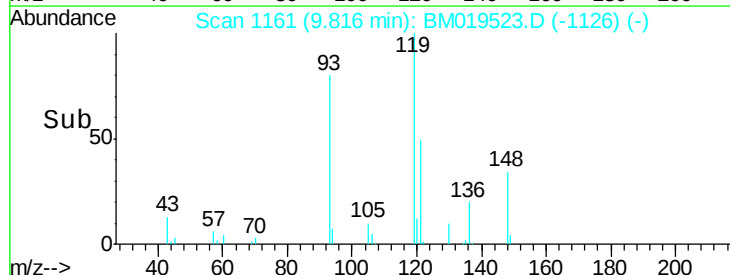
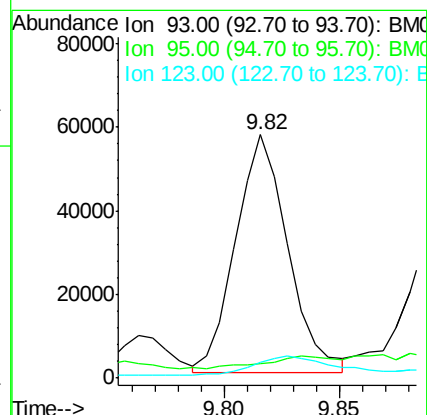
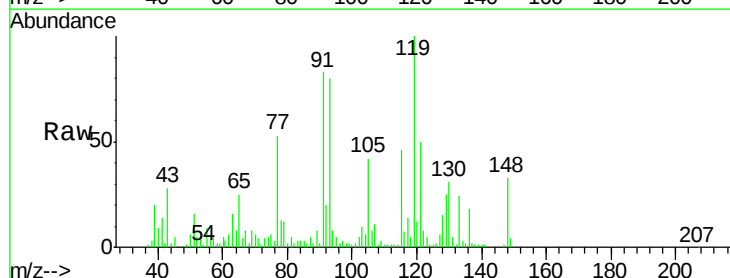
Tgt Ion: 93 Resp: 90337

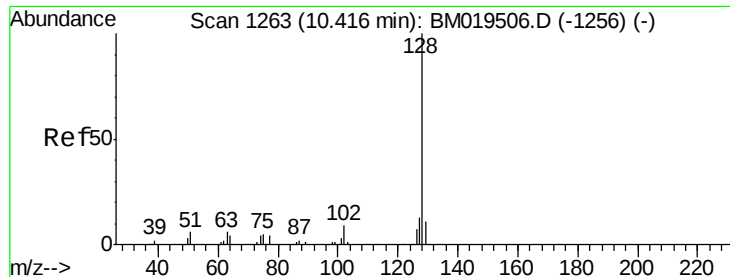
Ion Ratio Lower Upper

93 100

95 6.0 24.7 37.1#

123 6.4 8.2 12.2#

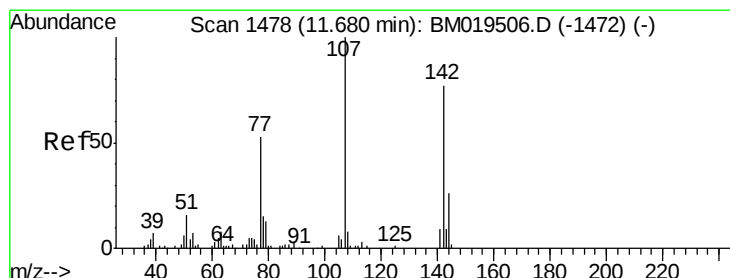
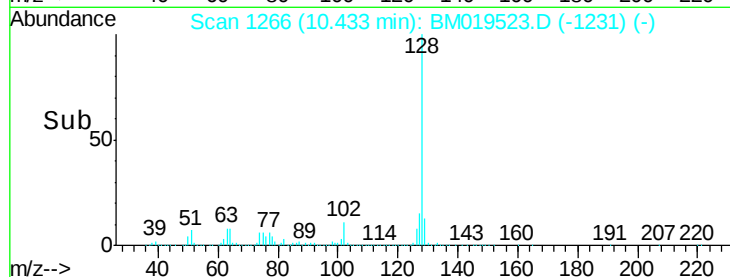
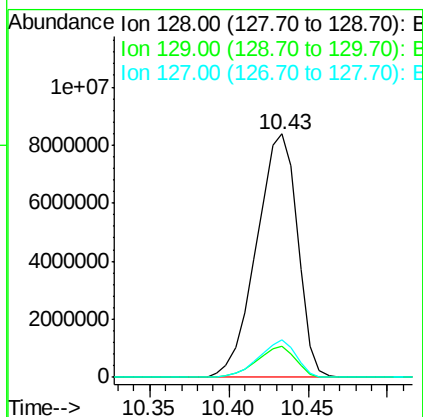
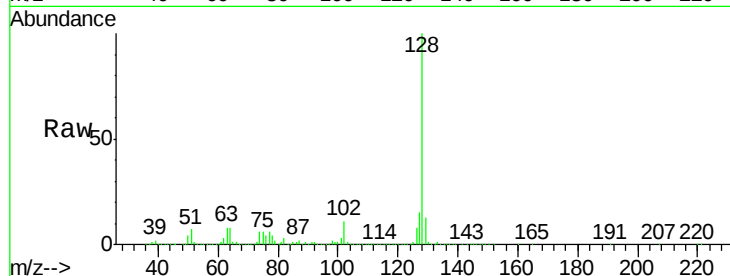




#28
Naphthalene
Concen: 687.887 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BM019523.D
Acq: 28 Mar 2019 02:17

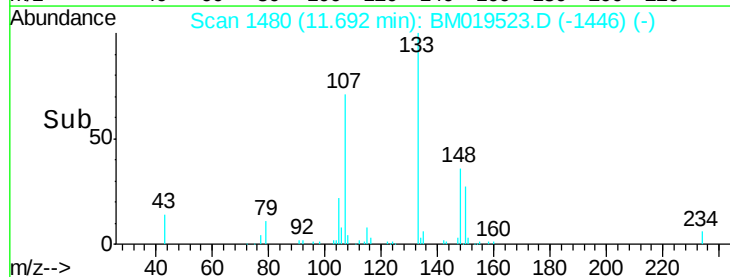
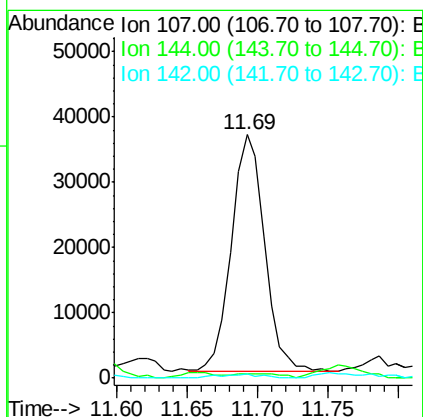
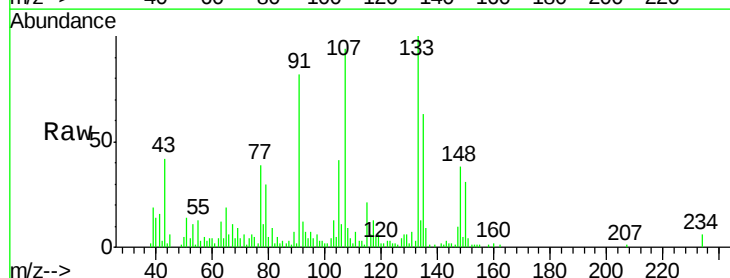
Instrument :
BNA_M
ClientSampled :
DB6R7

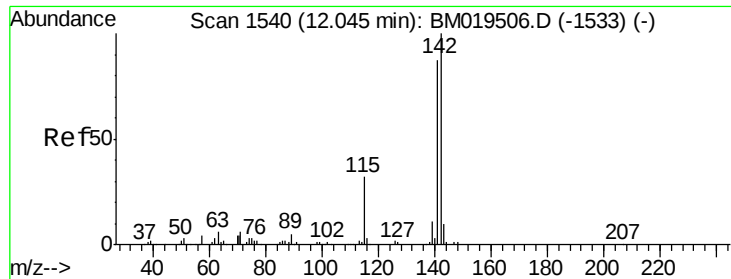
Tgt Ion:128 Resp:15091844
Ion Ratio Lower Upper
128 100
129 12.7 8.3 12.5#
127 15.3 10.8 16.2



#33
4-Chloro-3-methylphenol
Concen: 8.894 ng/ul
RT: 11.69 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BM019523.D
Acq: 28 Mar 2019 02:17

Tgt Ion:107 Resp: 60100
Ion Ratio Lower Upper
107 100
144 1.8 21.1 31.7#
142 1.6 60.1 90.1#

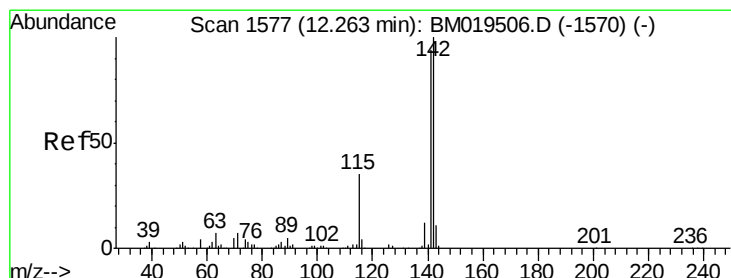
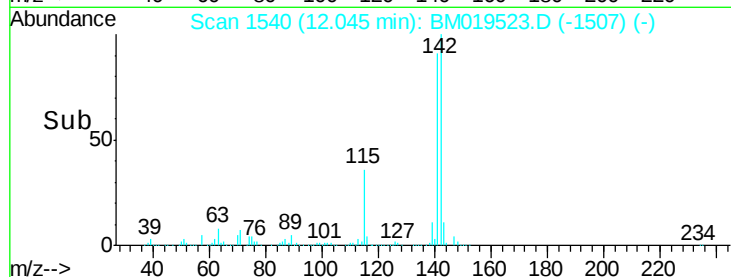
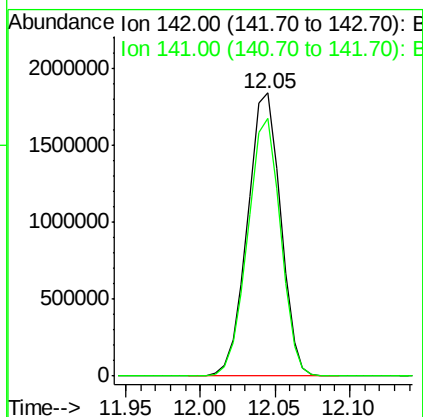
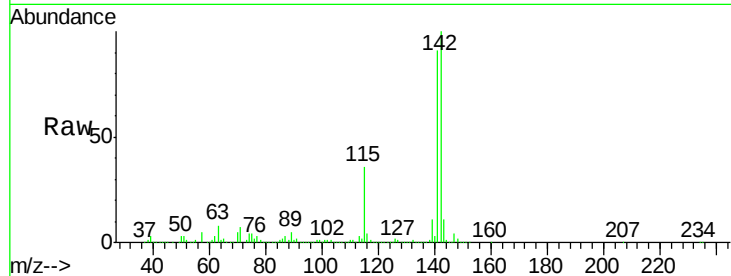




#34
 2-Methylnaphthalene
 Concen: 183.898 ng/ul
 RT: 12.05 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BM019523.D
 Acq: 28 Mar 2019 02:17

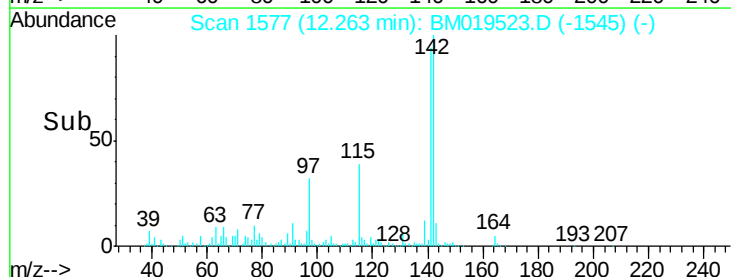
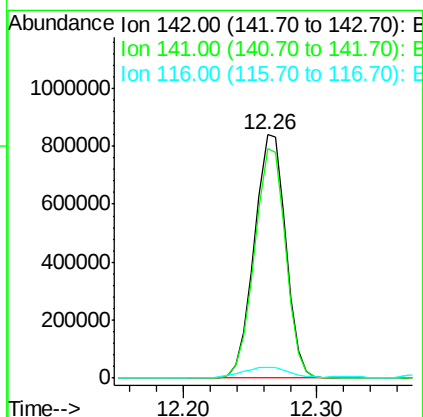
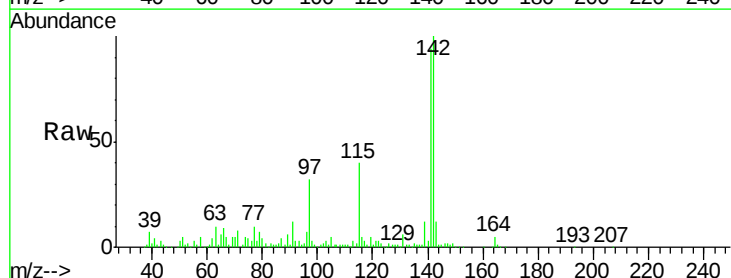
Instrument :
 BNA_M
 ClientSampleId :
 DB6R7

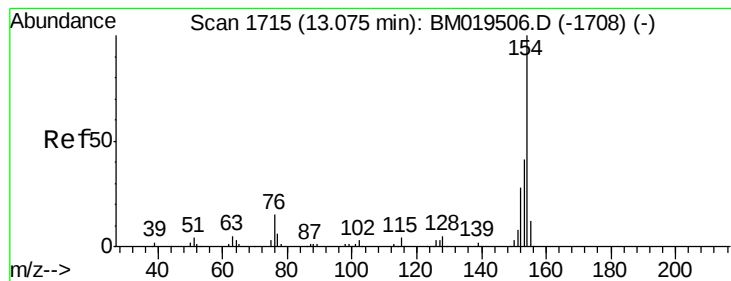
Tgt Ion:142 Resp: 2827067
 Ion Ratio Lower Upper
 142 100
 141 91.2 71.4 107.2



#35
 1-Methylnaphthalene
 Concen: 93.805 ng/ul
 RT: 12.26 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BM019523.D
 Acq: 28 Mar 2019 02:17

Tgt Ion:142 Resp: 1361613
 Ion Ratio Lower Upper
 142 100
 141 94.2 76.6 115.0
 116 4.6 3.6 5.4





#41

1,1'-Biphenyl

Concen: 2.129 ng/ul

RT: 13.07 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BM019523.D

Acq: 28 Mar 2019 02:17

Instrument :

BNA_M

ClientSampleId :

DB6R7

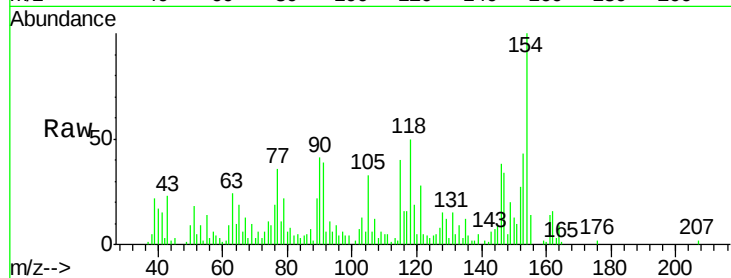
Tgt Ion:154 Resp: 43628

Ion Ratio Lower Upper

154 100

153 42.8 34.0 51.0

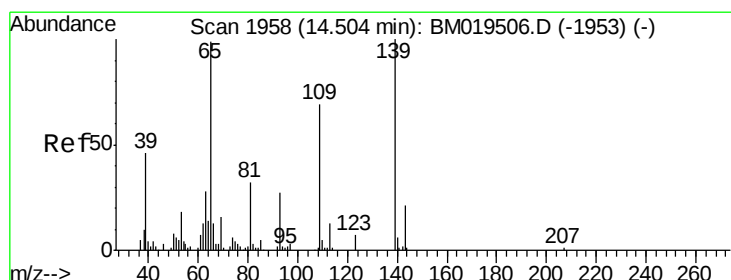
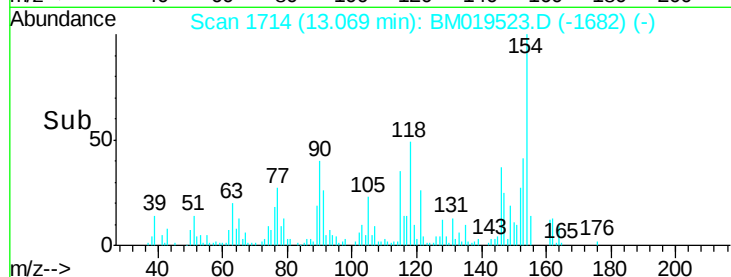
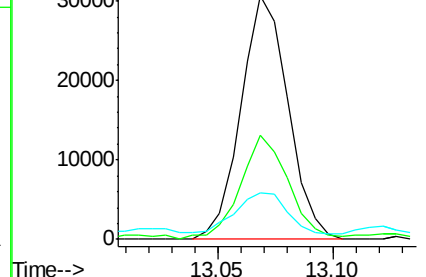
76 19.4 8.4 12.6#



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



#53

4-Nitrophenol

Concen: 1.243 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM019523.D

Acq: 28 Mar 2019 02:17

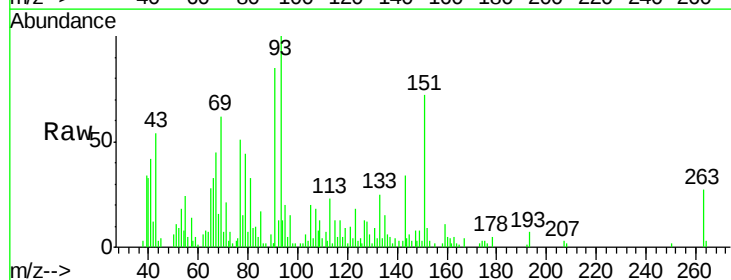
Tgt Ion:109 Resp: 2961

Ion Ratio Lower Upper

109 100

139 27.8 91.2 136.8#

65 222.4 92.6 139.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

