

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019524.D
 Acq On : 28 Mar 2019 02:54
 Operator : JU/SJ
 Sample : K2063-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6R5

Quant Time: Mar 28 05:15:49 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	117288	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.37	136	514433	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.24	164	297191	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	649135	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	759577	20.00	ng/ul	-0.01
86) Perylene-d12	23.42	264	945907	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	11771	3.93	ng/uL	-0.02
5) Phenol-d5	6.77	99	79370	7.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	188858	27.01	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.13	132	185731	23.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	130579	16.66	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	147089	40.08	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	129046	31.60	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	219101	28.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	275	0.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	744530	31.05	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	906948	30.25	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.46	143	132	0.04	ng/ul	-0.04
58) Fluorene-d10	15.24	176	611332	29.59	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	122154	28.46	ng/ul	-0.01
71) Anthracene-d10	17.10	188	973210	31.24	ng/ul	-0.01
79) Pyrene-d10	19.41	212	1054467	30.05	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.28	264	1431433	28.55	ng/ul	-0.01

Target Compounds

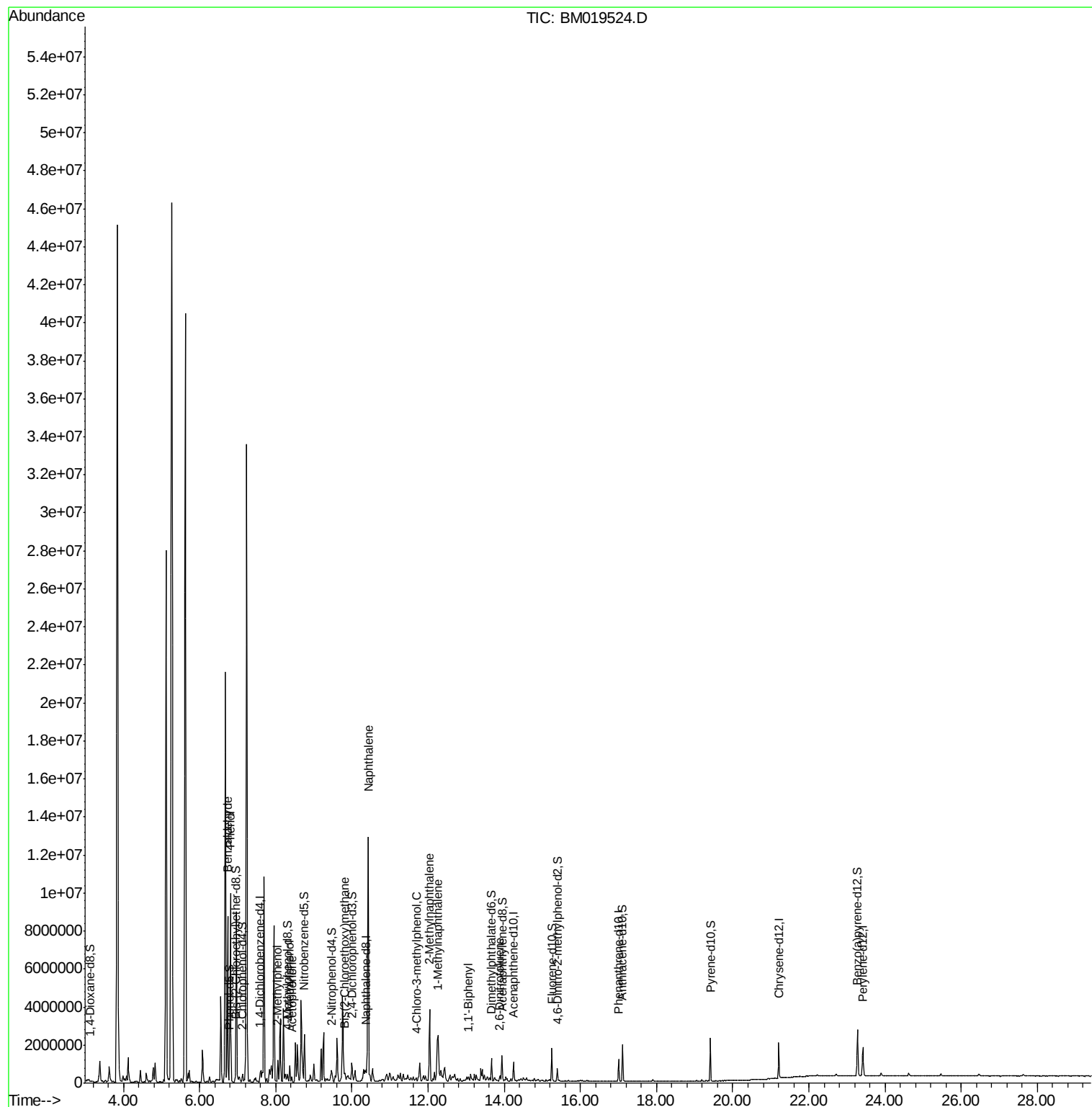
					Qvalue	
4) Benzaldehyde	6.73	77	661122	88.367	ng/ul#	1
6) Phenol	6.80	94	11696	1.073	ng/ul#	1
11) 2-Methylphenol	8.04	108	21216	2.791	ng/ul	96
14) Acetophenone	8.42	105	134608	10.543	ng/ul	90
16) 4-Methylphenol	8.37	108	21023	2.522	ng/ul	80
25) Bis(2-Chloroethoxy)methane	9.81	93	60723	5.370	ng/ul#	58
28) Naphthalene	10.43	128	9801951	367.806	ng/ul	99
33) 4-Chloro-3-methylphenol	11.69	107	24242	2.953	ng/ul#	24
34) 2-Methylnaphthalene	12.04	142	1705017	91.306	ng/ul	99
35) 1-Methylnaphthalene	12.26	142	872492	49.484	ng/ul	98
41) 1,1'-Biphenyl	13.07	154	31043	1.226	ng/ul#	92
46) 2,6-Dinitrotoluene	13.89	165	5932	1.343	ng/ul#	58

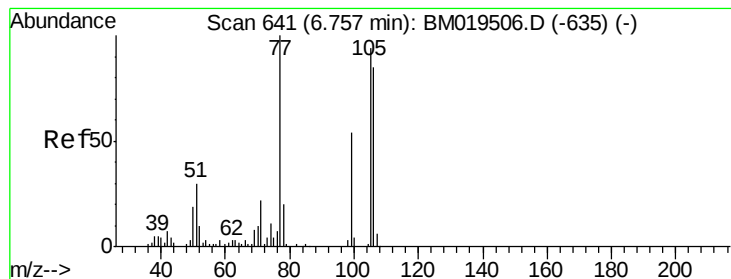
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 88.367 ng/ul

RT: 6.73 min Scan# 637

Delta R.T. -0.04 min

Lab File: BM019524.D

Acq: 28 Mar 2019 02:54

Instrument :

BNA_M

ClientSampled :

DB6R5

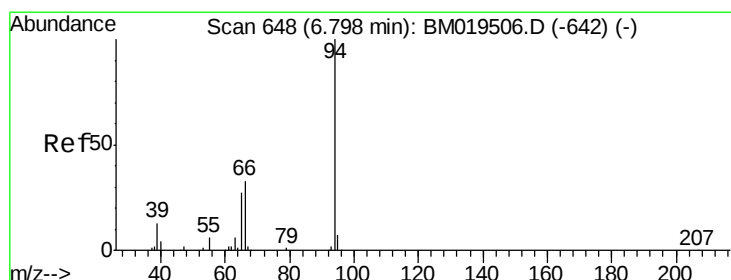
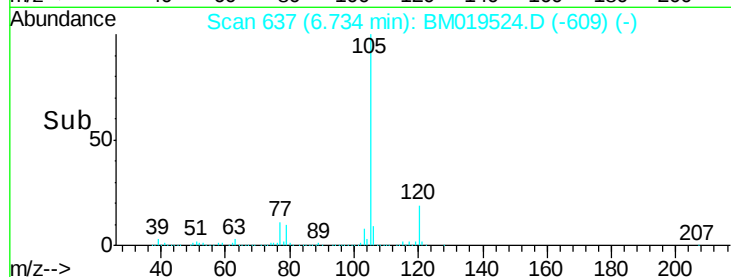
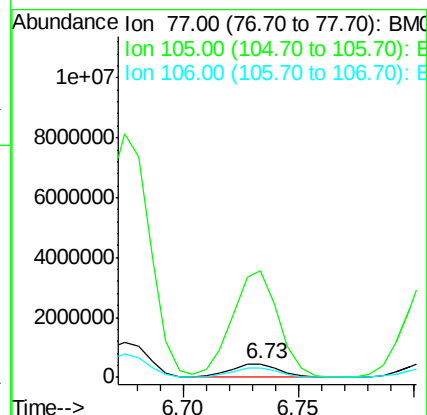
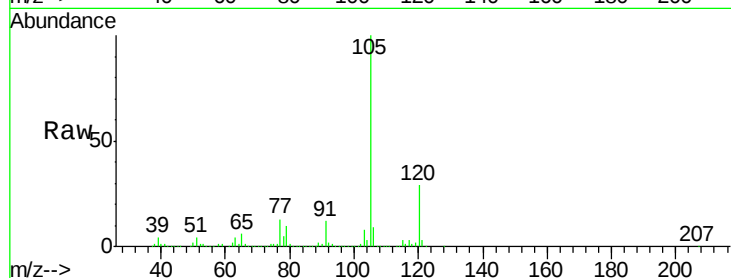
Tgt Ion: 77 Resp: 661122

Ion Ratio Lower Upper

77 100

105 773.3 71.0 106.6#

106 67.3 69.5 104.3#



#6

Phenol

Concen: 1.073 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM019524.D

Acq: 28 Mar 2019 02:54

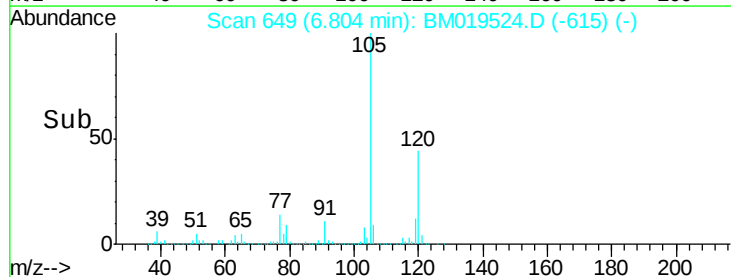
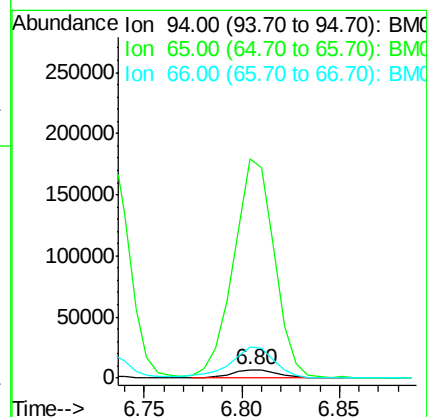
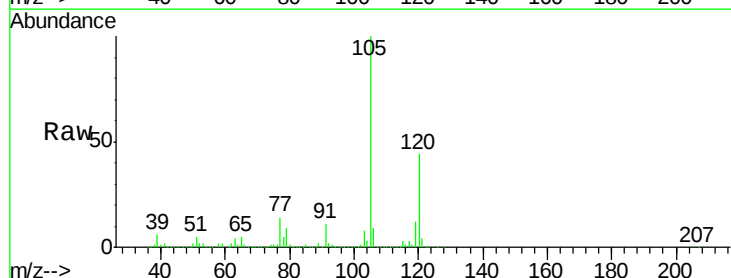
Tgt Ion: 94 Resp: 11696

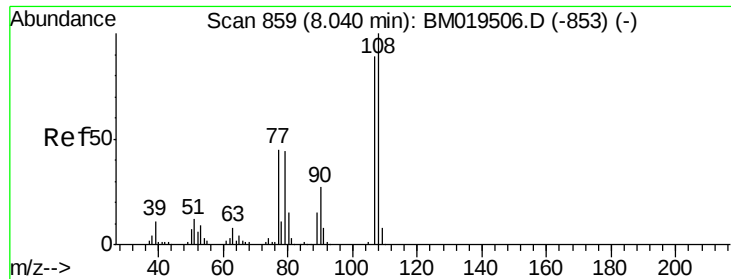
Ion Ratio Lower Upper

94 100

65 2631.8 23.0 34.6#

66 368.9 30.4 45.6#

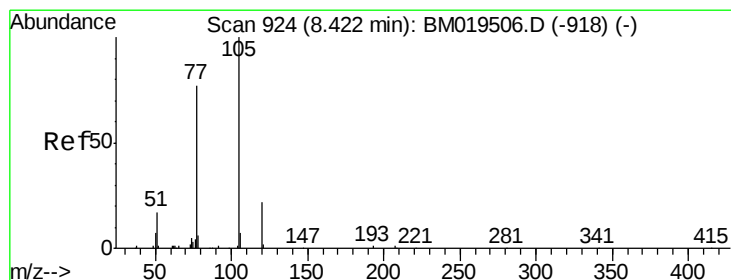
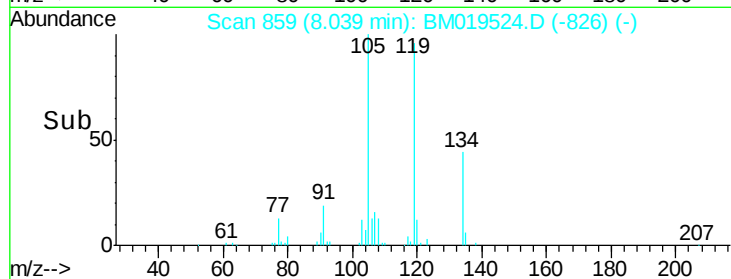
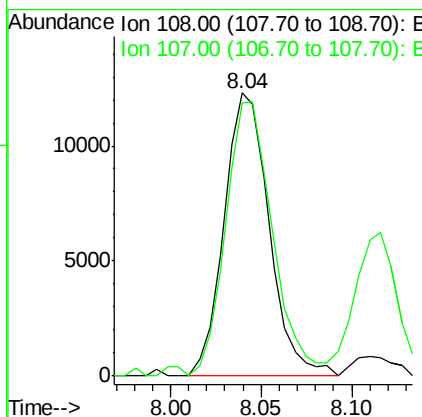
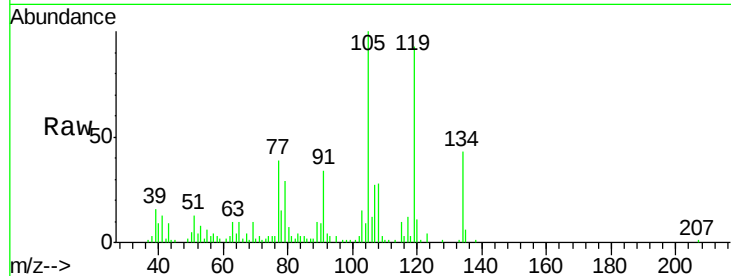




#11
2-Methylphenol
Concen: 2.791 ng/ul
RT: 8.04 min Scan# 859
Delta R.T. -0.01 min
Lab File: BM019524.D
Acq: 28 Mar 2019 02:54

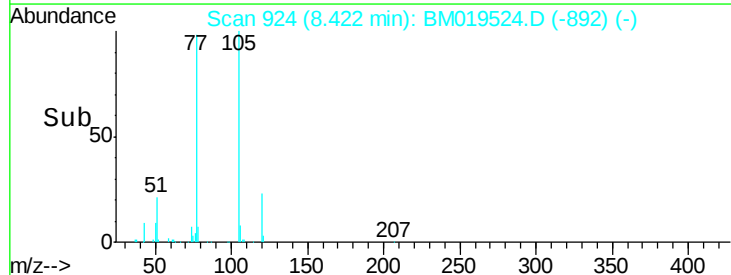
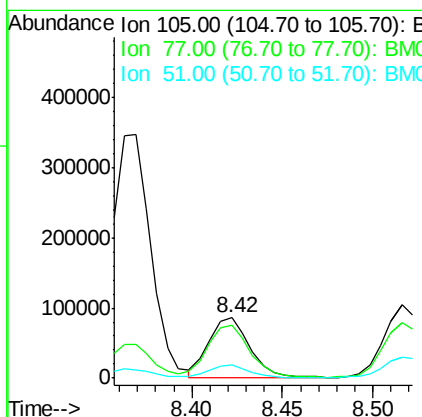
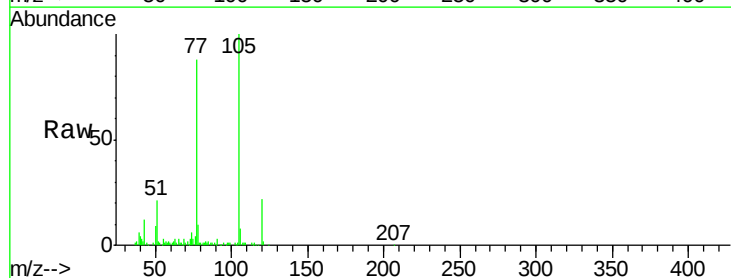
Instrument :
BNA_M
ClientSampled :
DB6R5

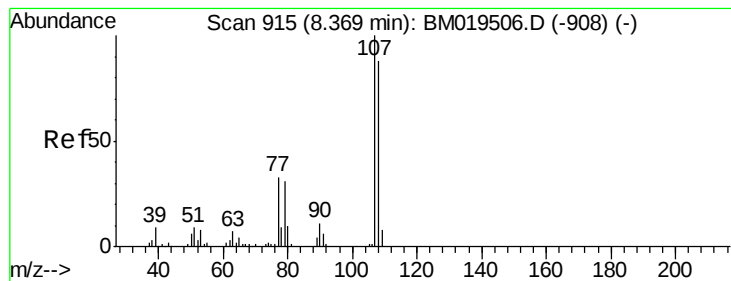
Tgt Ion:108 Resp: 21216
Ion Ratio Lower Upper
108 100
107 96.6 74.1 111.1



#14
Acetophenone
Concen: 10.543 ng/ul
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM019524.D
Acq: 28 Mar 2019 02:54

Tgt Ion:105 Resp: 134608
Ion Ratio Lower Upper
105 100
77 88.3 63.2 94.8
51 21.2 19.8 29.8





#16

4-Methylphenol

Concen: 2.522 ng/ul

RT: 8.37 min Scan# 915

Delta R.T. -0.01 min

Lab File: BM019524.D

Acq: 28 Mar 2019 02:54

Instrument :

BNA_M

ClientSampleId :

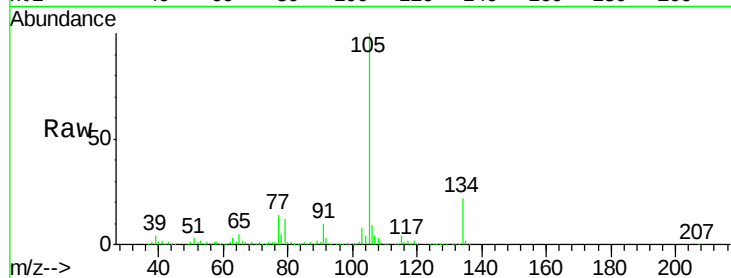
DB6R5

Tgt Ion:108 Resp: 21023

Ion Ratio Lower Upper

108 100

107 138.4 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

15000

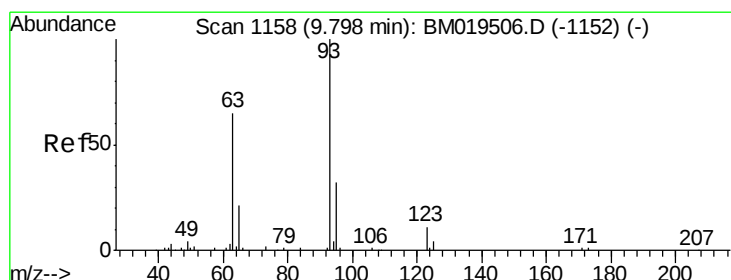
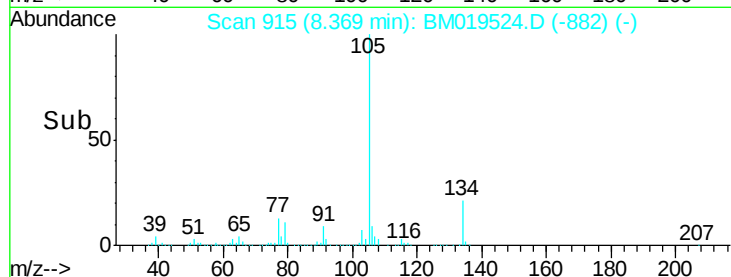
10000

5000

0

8.30 8.35 8.40

Time-->



#25

Bis(2-Chloroethoxy)methane

Concen: 5.370 ng/ul

RT: 9.81 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BM019524.D

Acq: 28 Mar 2019 02:54

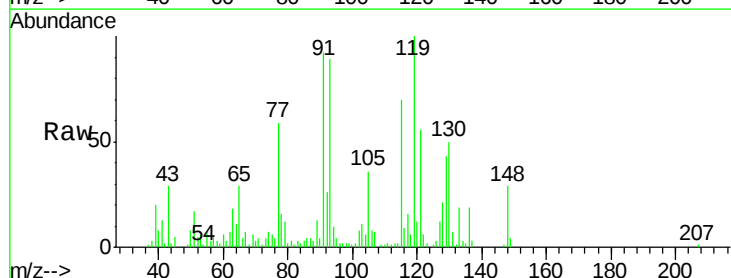
Tgt Ion: 93 Resp: 60723

Ion Ratio Lower Upper

93 100

95 4.1 24.7 37.1#

123 2.7 8.2 12.2#



Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

50000

40000

30000

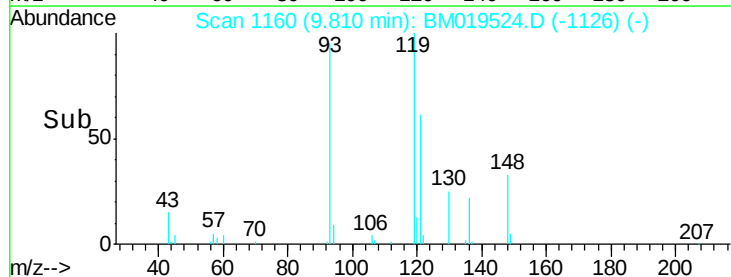
20000

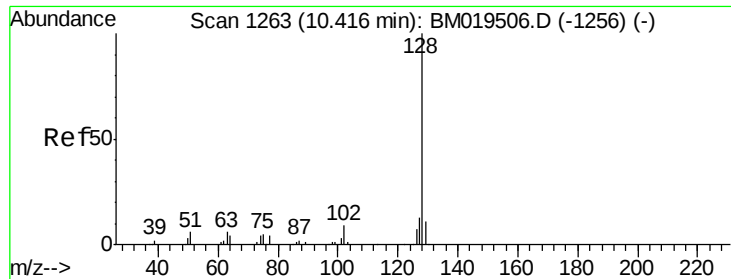
10000

0

9.75 9.80 9.85

Time-->

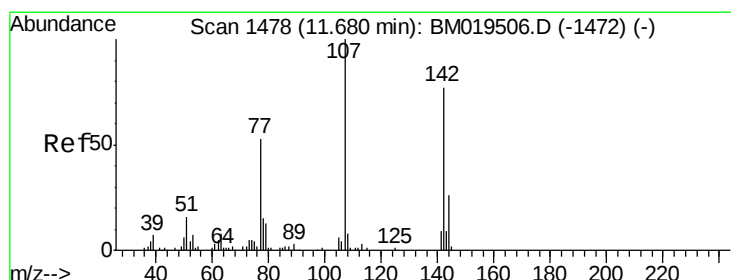
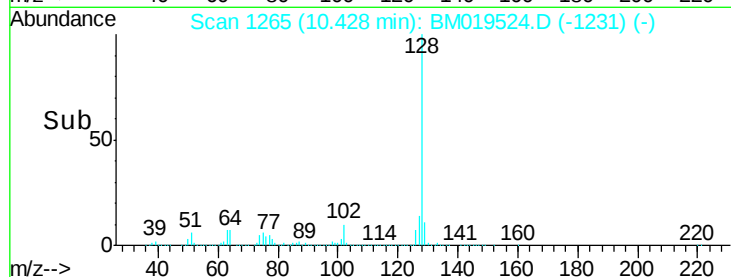
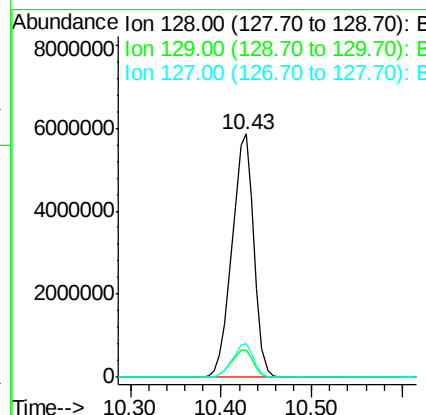
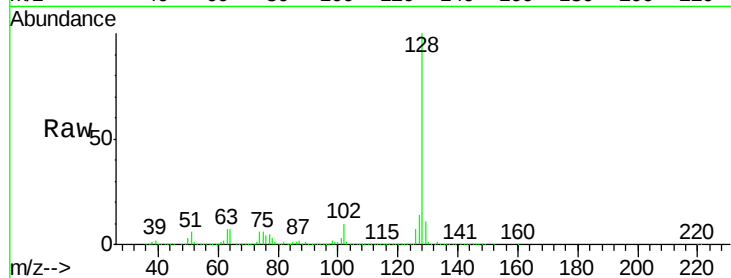




#28
Naphthalene
Concen: 367.806 ng/ul
RT: 10.43 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BM019524.D
Acq: 28 Mar 2019 02:54

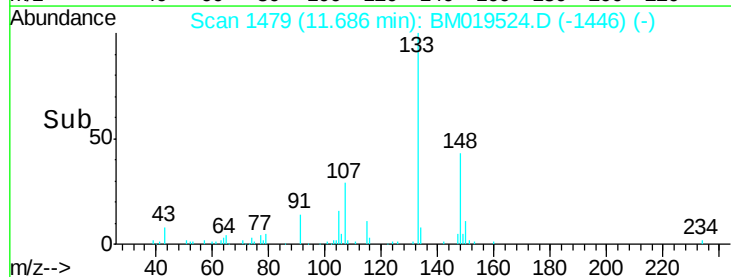
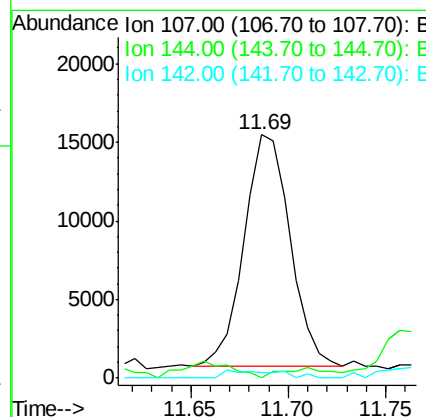
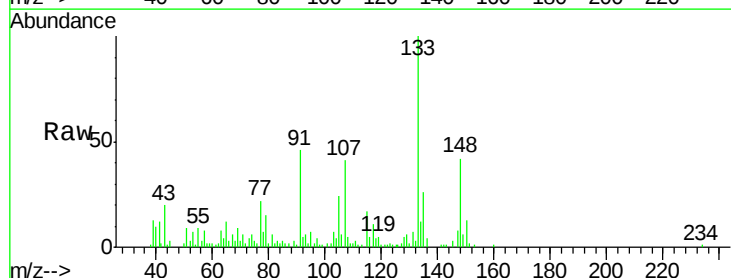
Instrument :
BNA_M
ClientSampleId :
DB6R5

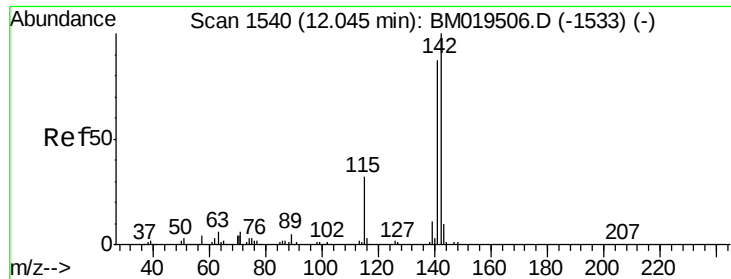
Tgt Ion:128 Resp: 9801951
Ion Ratio Lower Upper
128 100
129 11.2 8.3 12.5
127 13.8 10.8 16.2



#33
4-Chloro-3-methylphenol
Concen: 2.953 ng/ul
RT: 11.69 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BM019524.D
Acq: 28 Mar 2019 02:54

Tgt Ion:107 Resp: 24242
Ion Ratio Lower Upper
107 100
144 0.0 21.1 31.7#
142 2.5 60.1 90.1#

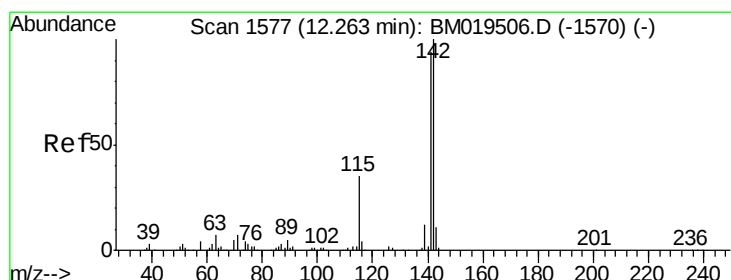
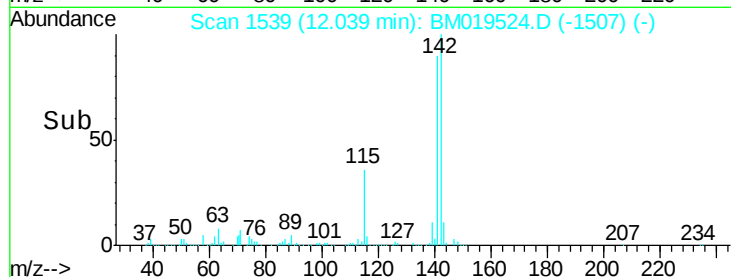
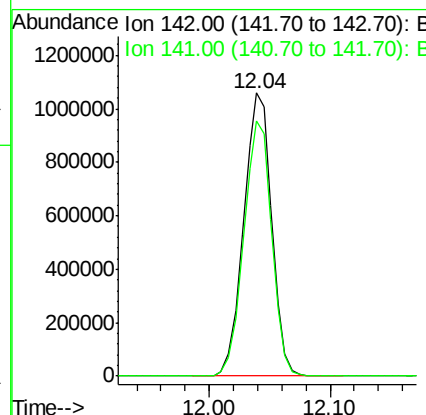
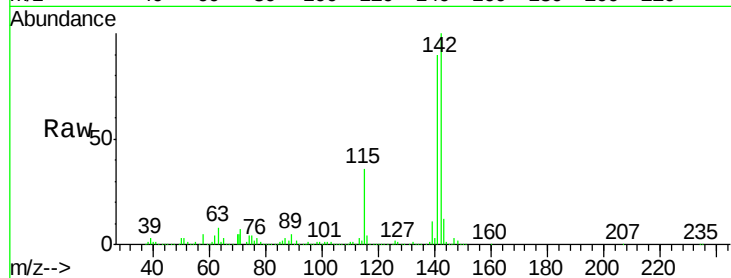




#34
2-Methylnaphthalene
Concen: 91.306 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BM019524.D
Acq: 28 Mar 2019 02:54

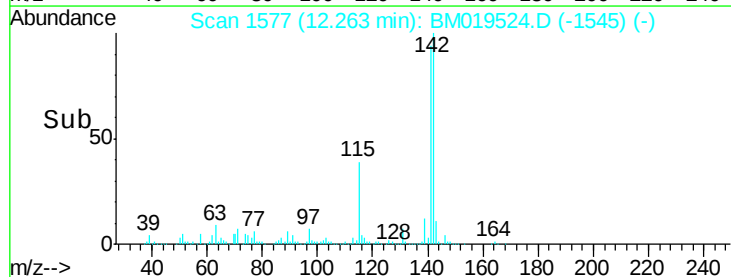
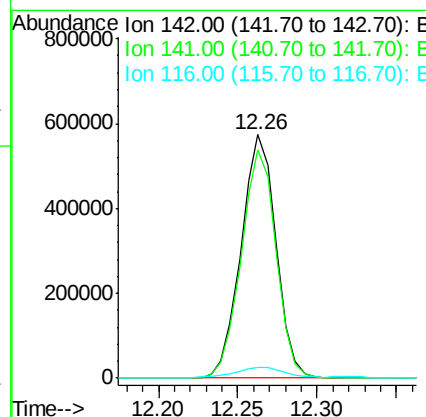
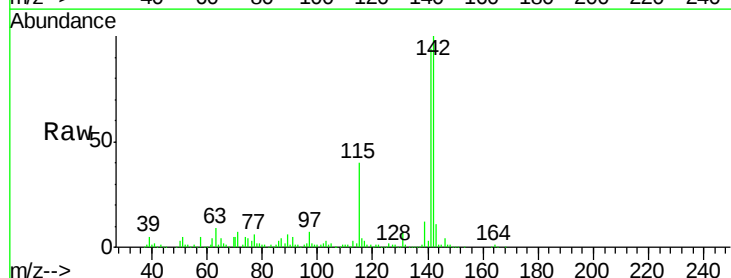
Instrument :
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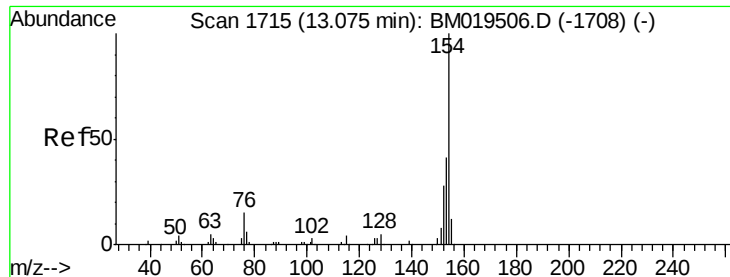
Tgt Ion:142 Resp: 1705017
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2



#35
1-Methylnaphthalene
Concen: 49.484 ng/ul
RT: 12.26 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BM019524.D
Acq: 28 Mar 2019 02:54

Tgt Ion:142 Resp: 872492
Ion Ratio Lower Upper
142 100
141 94.0 76.6 115.0
116 4.4 3.6 5.4

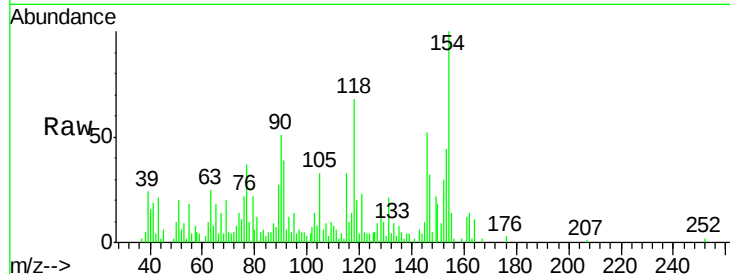




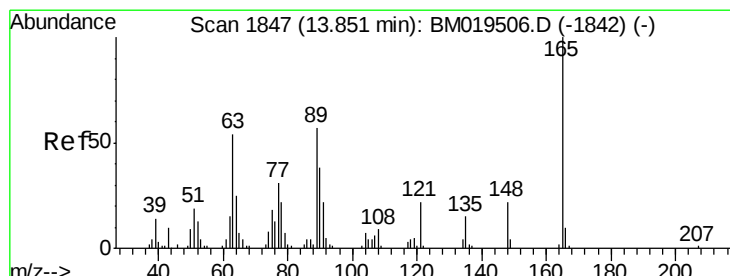
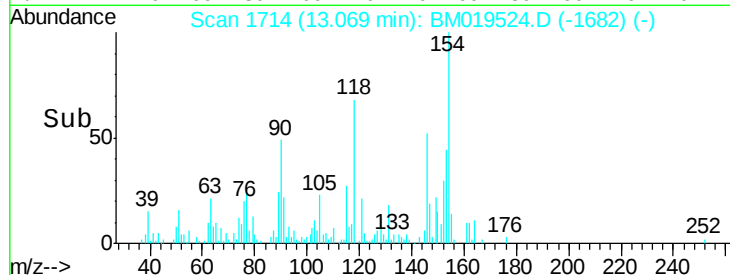
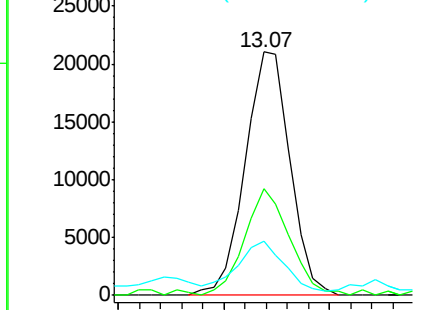
#41
 1,1'-Biphenyl
 Concen: 1.226 ng/ul
 RT: 13.07 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM019524.D
 Acq: 28 Mar 2019 02:54

Instrument :
 BNA_M
 ClientSampled :
 DB6R5

Tgt Ion:154 Resp: 31043
 Ion Ratio Lower Upper
 154 100
 153 43.6 34.0 51.0
 76 22.2 8.4 12.6#

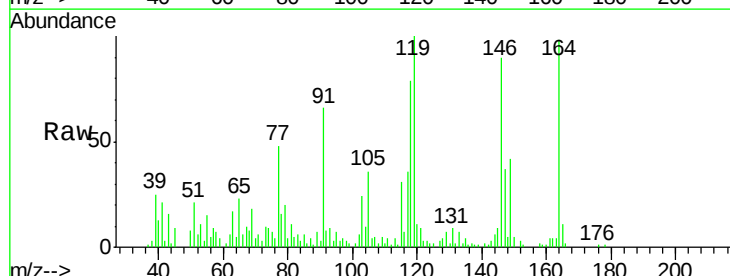


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM



#46
 2,6-Dinitrotoluene
 Concen: 1.343 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. 0.02 min
 Lab File: BM019524.D
 Acq: 28 Mar 2019 02:54

Tgt Ion:165 Resp: 5932
 Ion Ratio Lower Upper
 165 100
 89 63.4 43.8 65.8
 121 77.0 17.8 26.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

