

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019526.D
 Acq On : 28 Mar 2019 04:08
 Operator : JU/SJ
 Sample : K2063-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6S4

Quant Time: Mar 28 05:16:15 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	92550	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.37	136	395937	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.24	164	227658	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	505751	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	607020	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	776237	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	9743	4.12	ng/uL	-0.01
5) Phenol-d5	6.77	99	72963	8.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	168410	30.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	166053	26.58	ng/ul	-0.01
13) 4-Methylphenol-d8	8.30	113	114808	18.56	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	118603	41.99	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	112506	35.79	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	185212	31.23	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.52	131	116	0.02	ng/ul	-0.02
44) Dimethylphthalate-d6	13.66	166	633038	34.46	ng/ul	-0.01
47) Acenaphthylene-d8	13.94	160	766103	33.35	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	22973	7.98	ng/ul	0.01
58) Fluorene-d10	15.24	176	519188	32.81	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	105056	31.41	ng/ul	-0.01
71) Anthracene-d10	17.10	188	849493	35.00	ng/ul	-0.01
79) Pyrene-d10	19.41	212	964117	34.39	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.27	264	1345596	32.70	ng/ul	-0.02

Target Compounds

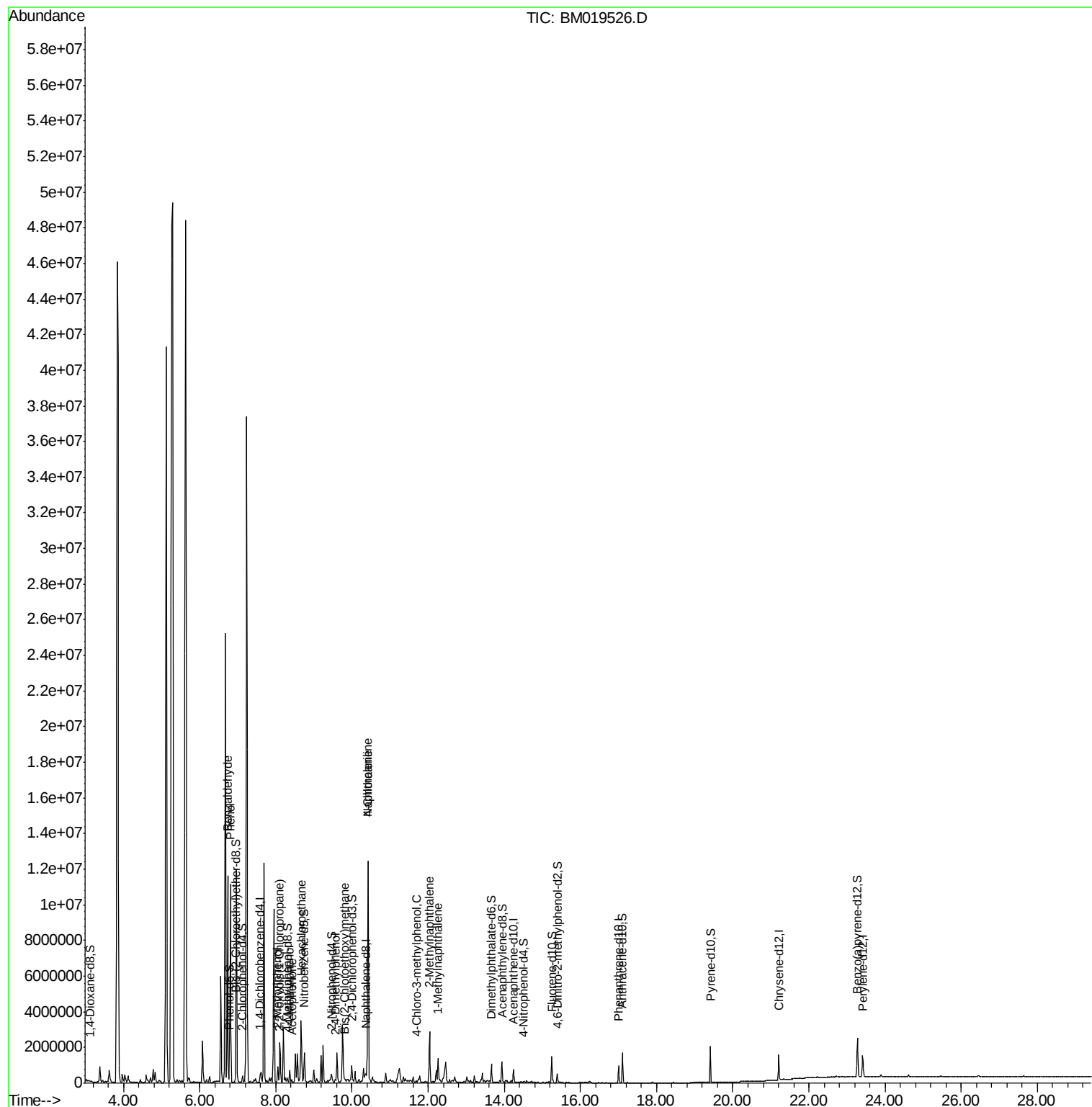
					Qvalue	
4) Benzaldehyde	6.73	77	853553	144.582	ng/ul#	1
6) Phenol	6.80	94	8847	1.029	ng/ul#	1
11) 2-Methylphenol	8.04	108	23370	3.896	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	43804	7.024	ng/ul#	91
14) Acetophenone	8.42	105	80931	8.033	ng/ul	91
16) 4-Methylphenol	8.36	108	28327	4.306	ng/ul	96
17) Hexachloroethane	8.67	117	319960	119.895	ng/ul#	1
24) 2,4-Dimethylphenol	9.56	107	22862	3.034	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.82	93	19888	2.285	ng/ul#	60
28) Naphthalene	10.42	128	9520975	464.184	ng/ul	99
30) 4-Chloroaniline	10.42	127	1288994	171.889	ng/ul#	4
33) 4-Chloro-3-methylphenol	11.69	107	13761	2.178	ng/ul#	21
34) 2-Methylnaphthalene	12.04	142	1234270	85.879	ng/ul	98
35) 1-Methylnaphthalene	12.26	142	596220	43.935	ng/ul	98

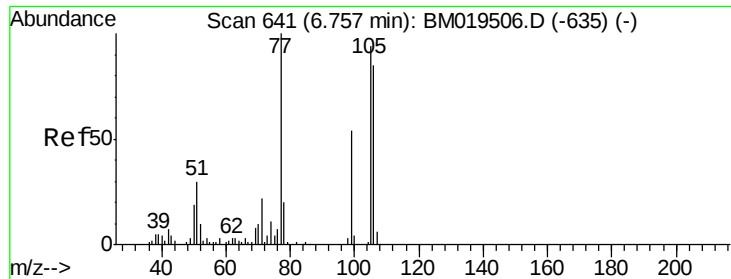
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 144.582 ng/ul

RT: 6.73 min Scan# 637

Delta R.T. -0.04 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

Instrument :

BNA_M

ClientSampleId :

DB6S4

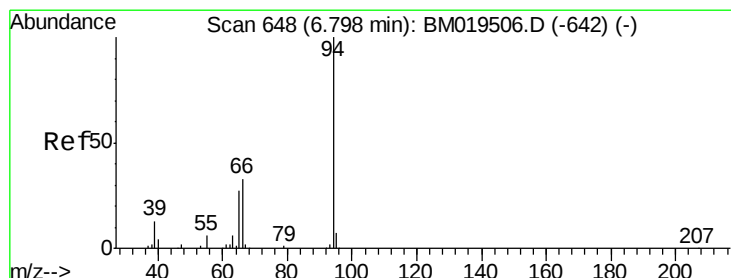
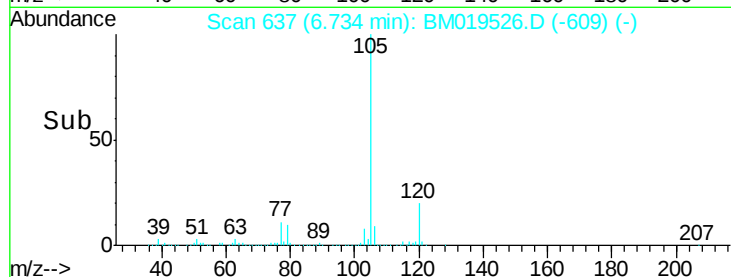
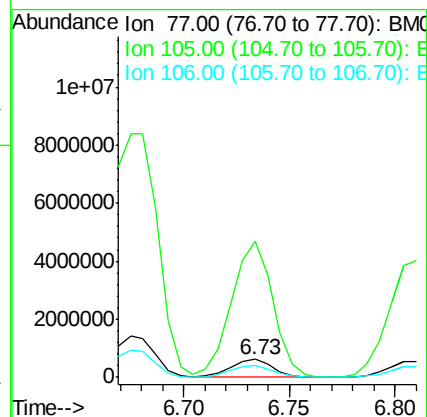
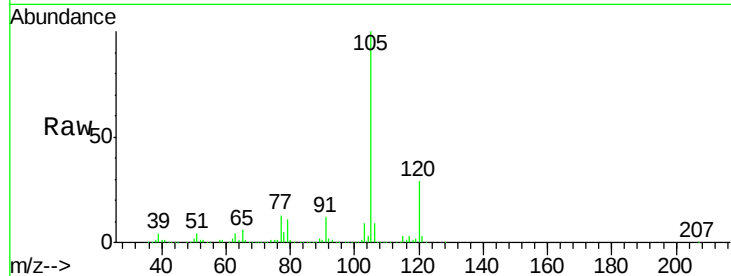
Tgt Ion: 77 Resp: 853553

Ion Ratio Lower Upper

77 100

105 757.8 71.0 106.6#

106 67.9 69.5 104.3#



#6

Phenol

Concen: 1.029 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

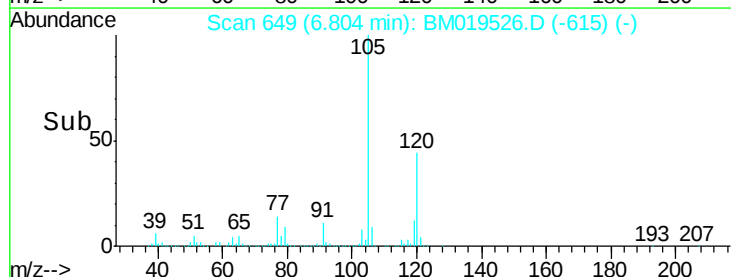
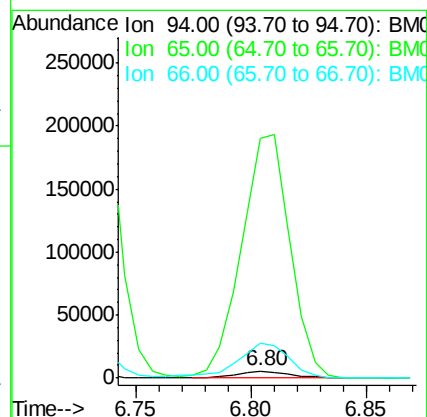
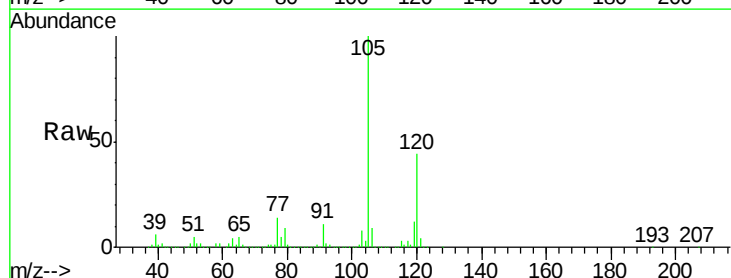
Tgt Ion: 94 Resp: 8847

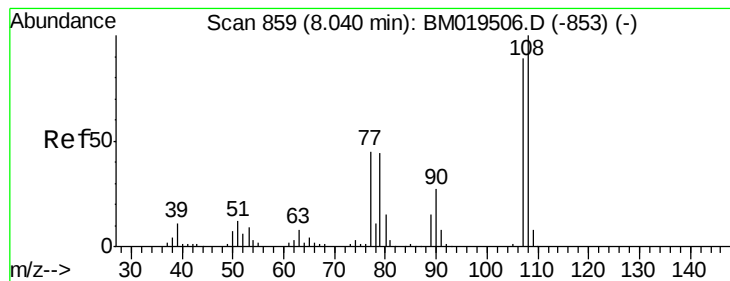
Ion Ratio Lower Upper

94 100

65 3463.3 23.0 34.6#

66 512.1 30.4 45.6#





#11

2-Methylphenol

Concen: 3.896 ng/ul

RT: 8.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

Instrument :

BNA_M

ClientSampleId :

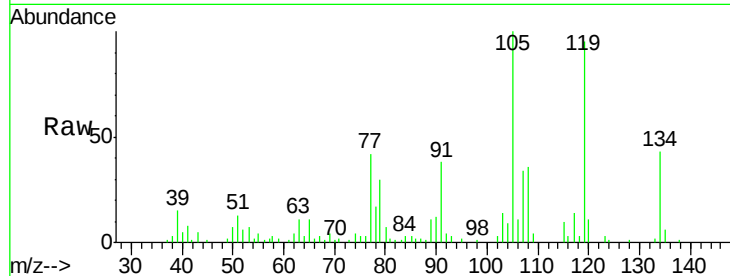
DB6S4

Tgt Ion:108 Resp: 23370

Ion Ratio Lower Upper

108 100

107 94.8 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

15000

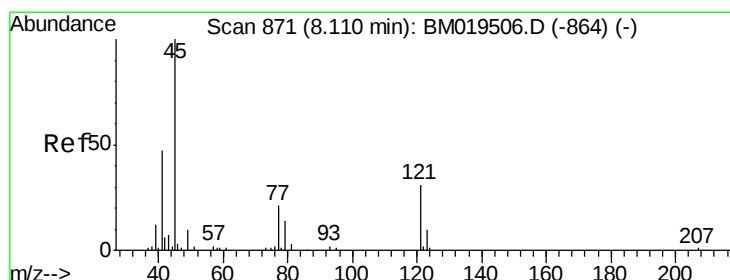
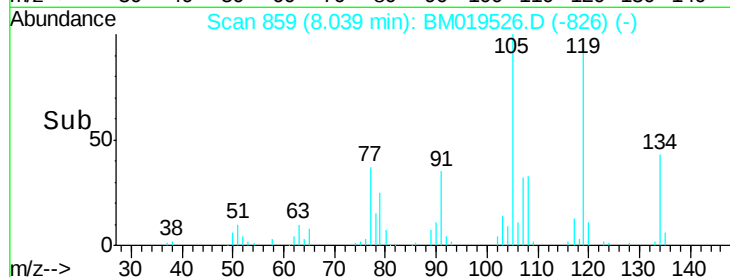
10000

5000

0

8.00 8.05 8.10

Time-->



#12

2,2'-oxybis(1-Chloropropane)

Concen: 7.024 ng/ul

RT: 8.09 min Scan# 867

Delta R.T. -0.05 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

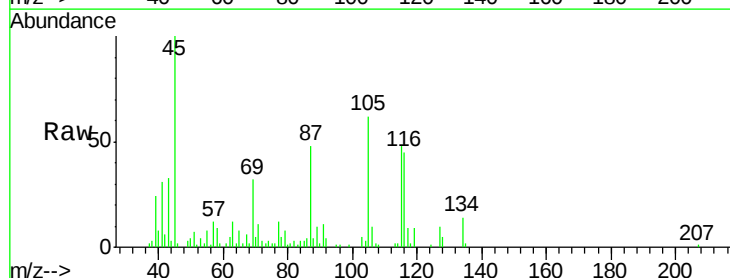
Tgt Ion: 45 Resp: 43804

Ion Ratio Lower Upper

45 100

77 11.9 12.5 18.7#

79 8.3 9.4 14.2#



Abundance Ion 45.00 (44.70 to 45.70): BMC

Ion 77.00 (76.70 to 77.70): BMC

Ion 79.00 (78.70 to 79.70): BMC

100000

80000

60000

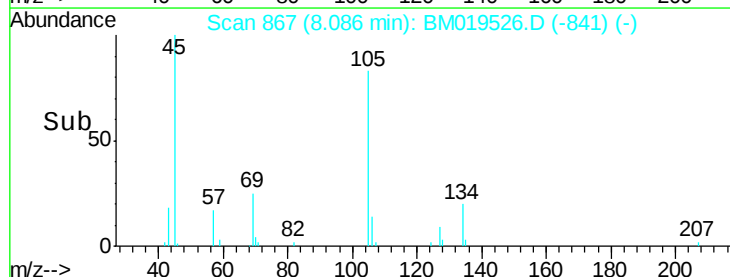
40000

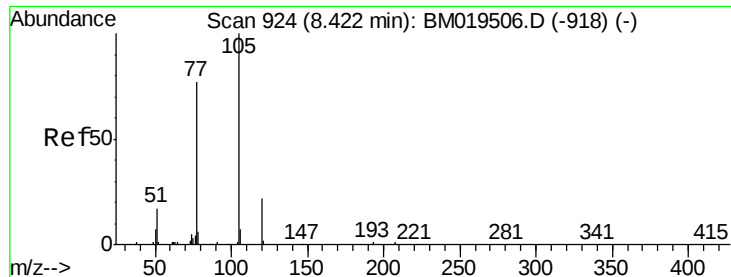
20000

0

8.05 8.10 8.15

Time-->





#14

Acetophenone

Concen: 8.033 ng/ul

RT: 8.42 min Scan# 923

Delta R.T. -0.02 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

Instrument :

BNA_M

ClientSampleId :

DB6S4

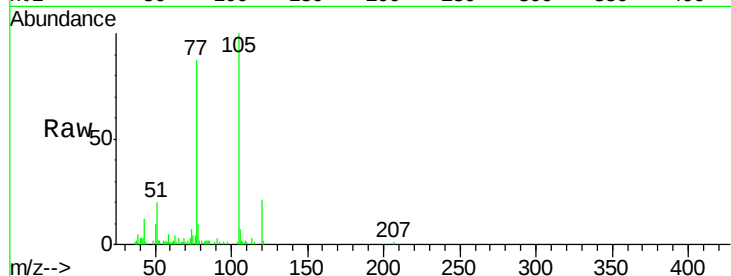
Tgt Ion:105 Resp: 80931

Ion Ratio Lower Upper

105 100

77 86.5 63.2 94.8

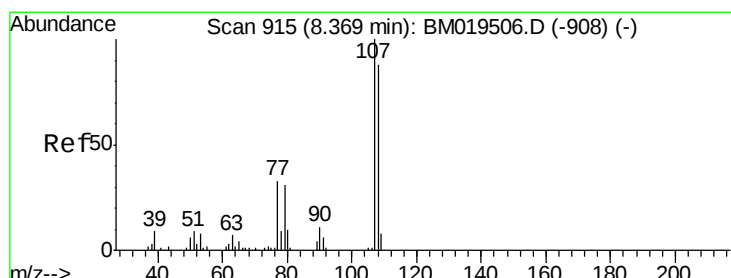
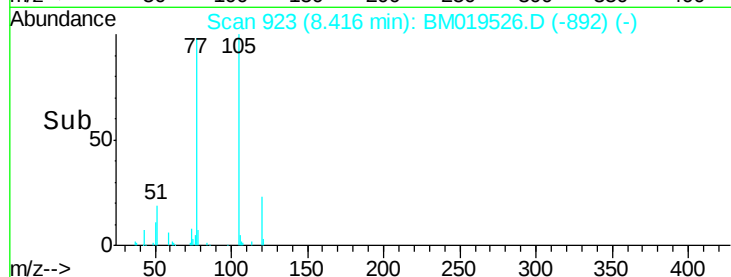
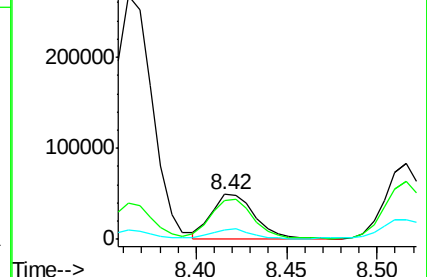
51 20.4 19.8 29.8



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: 4.306 ng/ul

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM019526.D

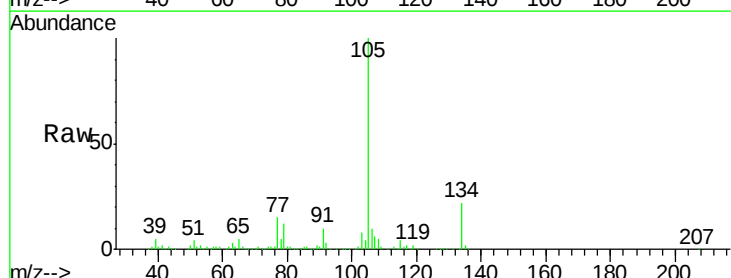
Acq: 28 Mar 2019 04:08

Tgt Ion:108 Resp: 28327

Ion Ratio Lower Upper

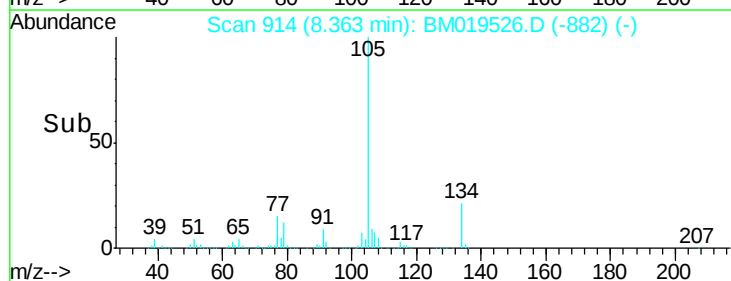
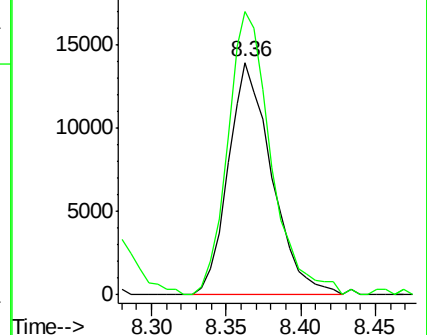
108 100

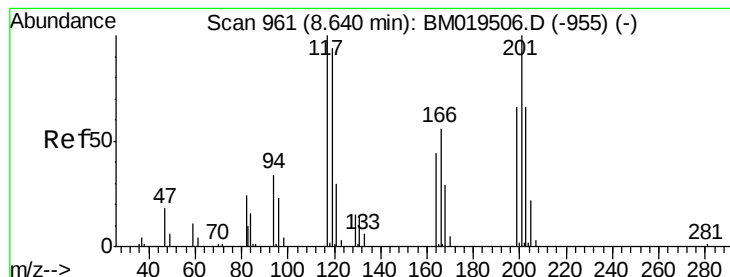
107 121.8 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 119.895 ng/ul

RT: 8.67 min Scan# 966

Delta R.T. 0.02 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

Instrument :

BNA_M

ClientSampleId :

DB6S4

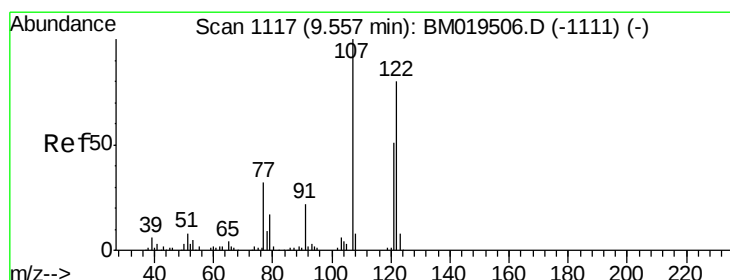
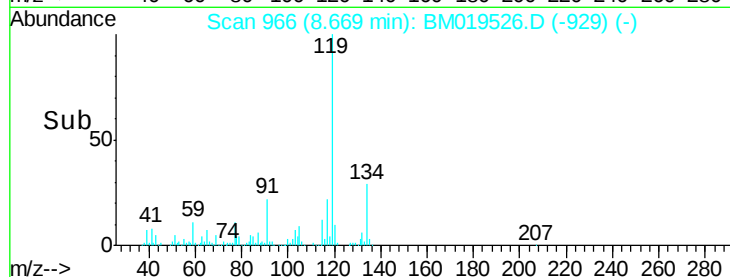
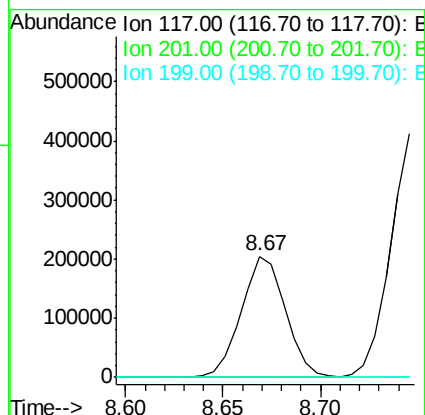
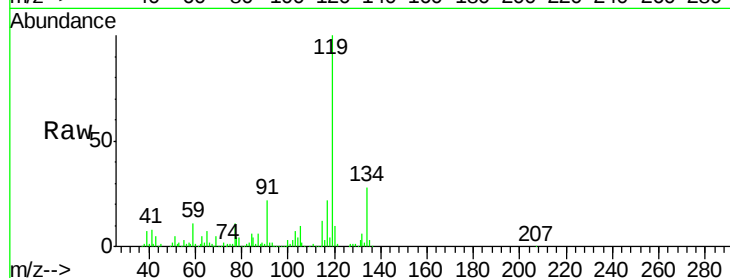
Tgt Ion:117 Resp: 319960

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: 3.034 ng/ul

RT: 9.56 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

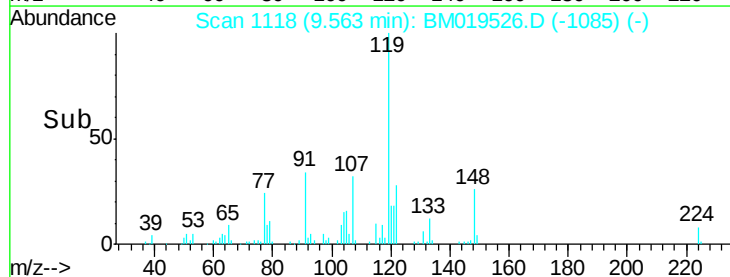
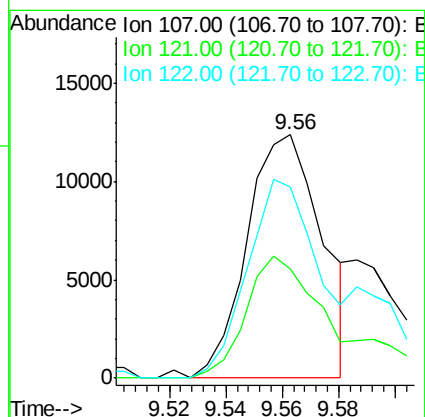
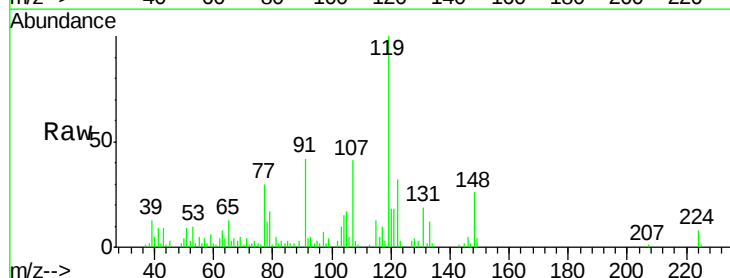
Tgt Ion:107 Resp: 22862

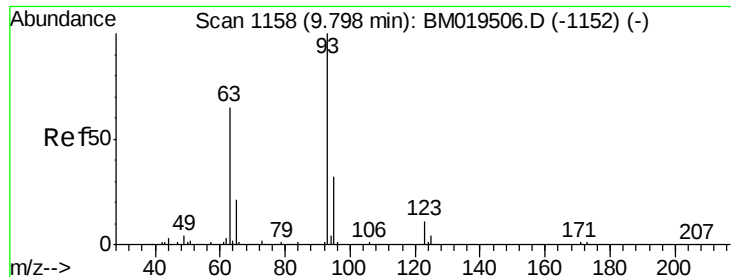
Ion Ratio Lower Upper

107 100

121 45.0 38.1 57.1

122 78.4 63.8 95.8





#25

Bis(2-Chloroethoxy)methane

Concen: 2.285 ng/ul

RT: 9.82 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

Instrument :

BNA_M

ClientSampleId :

DB6S4

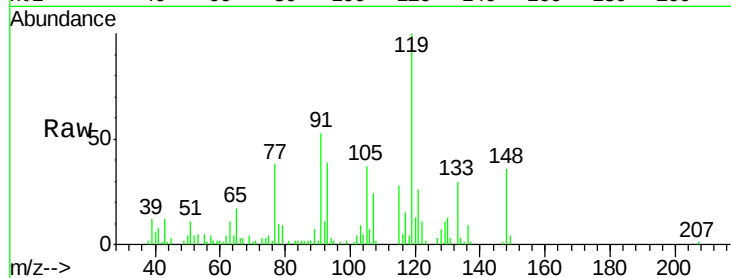
Tgt Ion: 93 Resp: 19888

Ion Ratio Lower Upper

93 100

95 4.8 24.7 37.1#

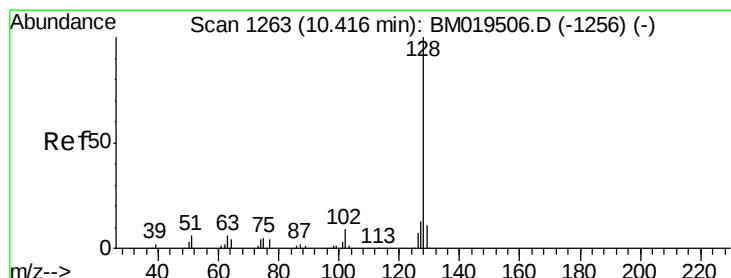
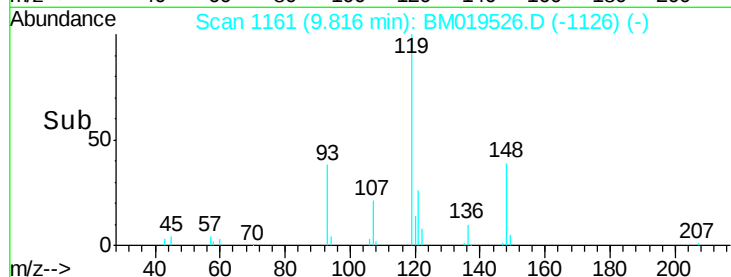
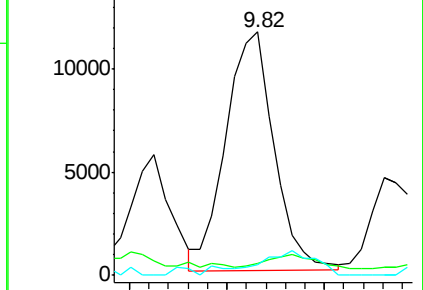
123 4.2 8.2 12.2#



Abundance Ion 93.00 (92.70 to 93.70): BM019506.D (-1152) (-)

Ion 95.00 (94.70 to 95.70): BM019506.D (-1152) (-)

Ion 123.00 (122.70 to 123.70): BM019506.D (-1152) (-)



#28

Naphthalene

Concen: 464.184 ng/ul

RT: 10.42 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

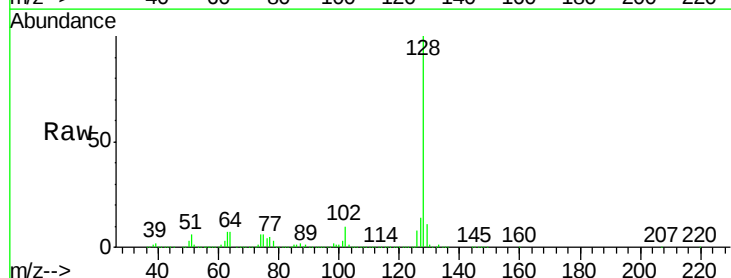
Tgt Ion:128 Resp: 9520975

Ion Ratio Lower Upper

128 100

129 11.4 8.3 12.5

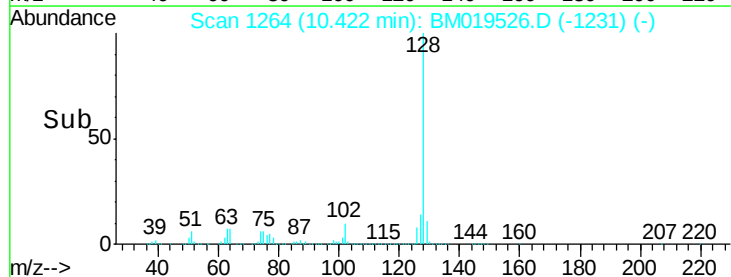
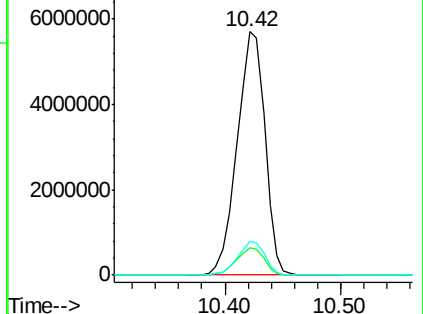
127 13.7 10.8 16.2

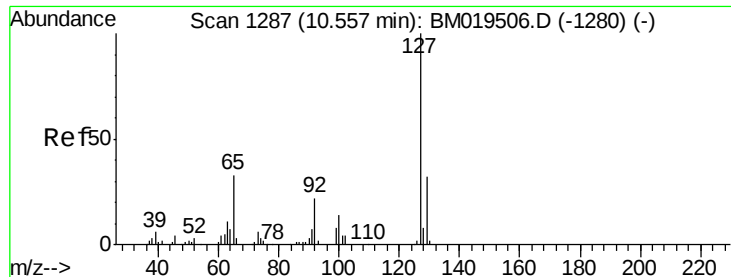


Abundance Ion 128.00 (127.70 to 128.70): BM019506.D (-1256) (-)

Ion 129.00 (128.70 to 129.70): BM019506.D (-1256) (-)

Ion 127.00 (126.70 to 127.70): BM019506.D (-1256) (-)

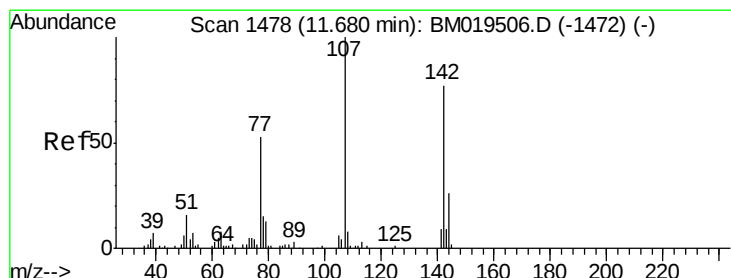
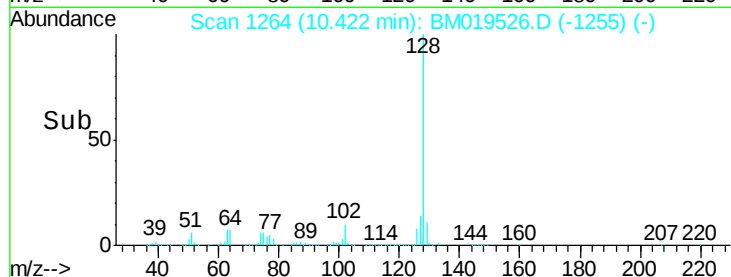
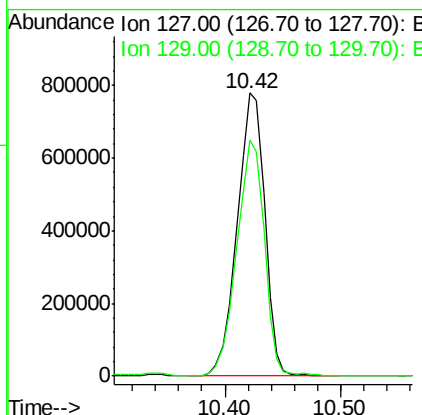
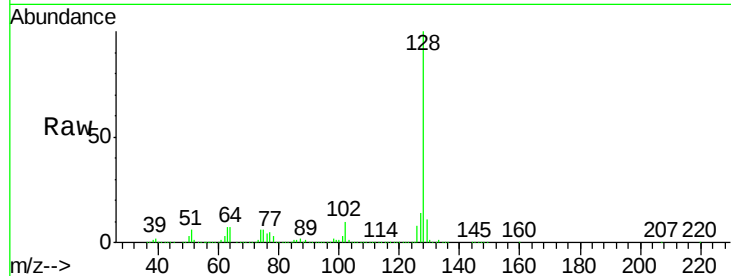




#30
4-Chloroaniline
Concen: 171.889 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. -0.15 min
Lab File: BM019526.D
Acq: 28 Mar 2019 04:08

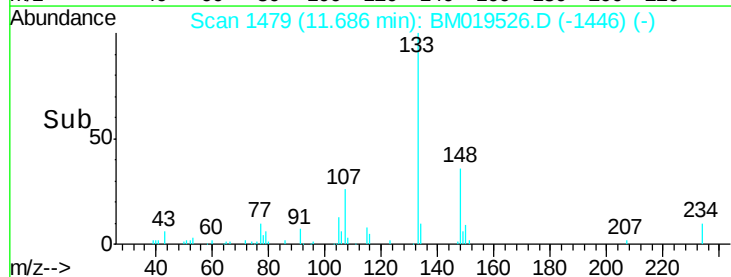
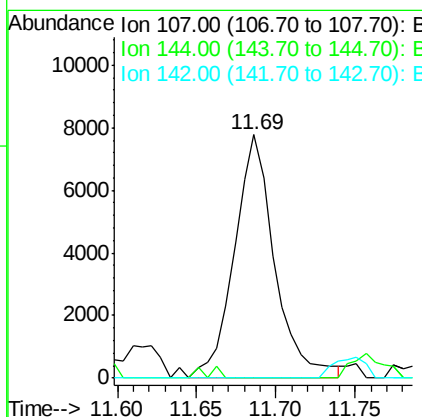
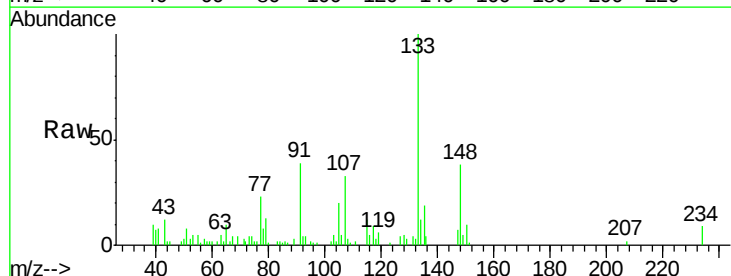
Instrument :
BNA_M
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DB6S4

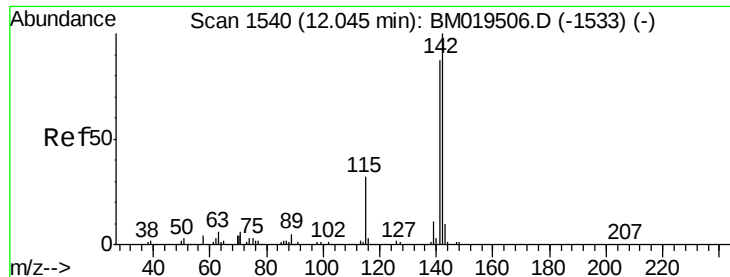
Tgt Ion:127 Resp: 1288994
Ion Ratio Lower Upper
127 100
129 83.3 24.6 37.0#



#33
4-Chloro-3-methylphenol
Concen: 2.178 ng/ul
RT: 11.69 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BM019526.D
Acq: 28 Mar 2019 04:08

Tgt Ion:107 Resp: 13761
Ion Ratio Lower Upper
107 100
144 0.0 21.1 31.7#
142 0.0 60.1 90.1#

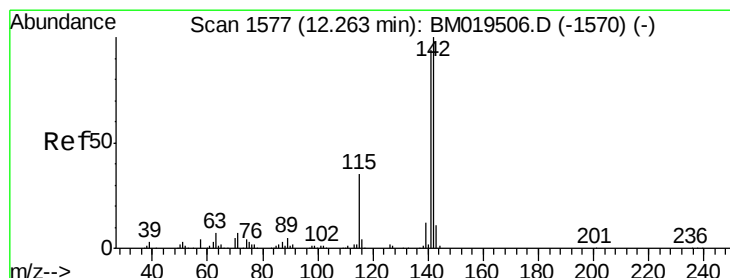
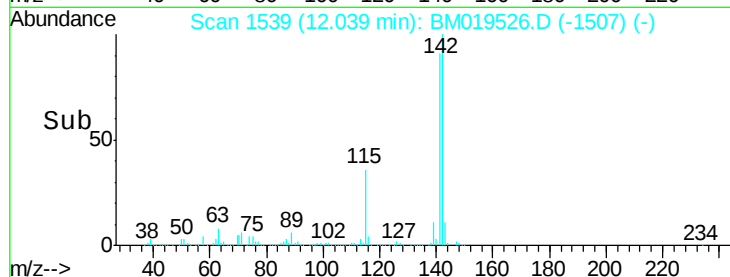
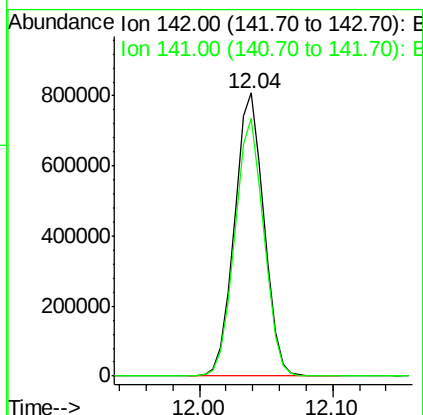
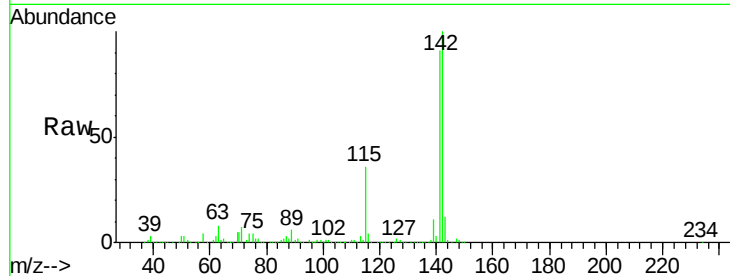




#34
 2-Methylnaphthalene
 Concen: 85.879 ng/ul
 RT: 12.04 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BM019526.D
 Acq: 28 Mar 2019 04:08

Instrument :
 BNA_M
 ClientSampleId :
 DB6S4

Tgt Ion:142 Resp: 1234270
 Ion Ratio Lower Upper
 142 100
 141 91.2 71.4 107.2



#35
 1-Methylnaphthalene
 Concen: 43.935 ng/ul
 RT: 12.26 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BM019526.D
 Acq: 28 Mar 2019 04:08

Tgt Ion:142 Resp: 596220
 Ion Ratio Lower Upper
 142 100
 141 93.5 76.6 115.0
 116 3.9 3.6 5.4

