

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
 Data File : BM019566.D
 Acq On : 29 Mar 2019 06:28
 Operator : JU/SJ
 Sample : K2063-16DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6S4DL

Quant Time: Mar 29 07:50:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 29 06:50:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	118000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	505483	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	290714	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	689460	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	838936	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	1035637	20.00	ng/ul	0.00

System Monitoring Compounds

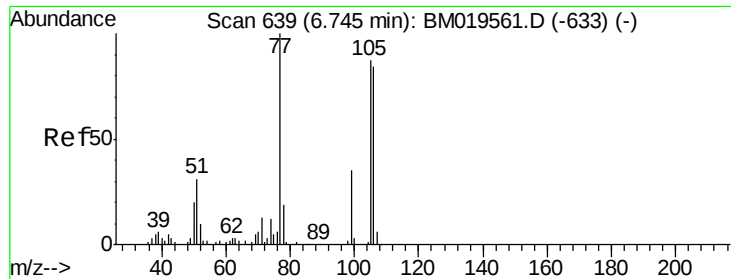
3) 1,4-Dioxane-d8	3.13	96	6584	2.18	ng/uL	0.01
5) Phenol-d5	6.77	99	40493	3.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	95161	13.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	94991	11.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	65256	8.27	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	67422	18.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	62626	15.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	106028	14.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1437	0.16	ng/ul	0.04
44) Dimethylphthalate-d6	13.66	166	360638	15.37	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	431587	14.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	5713	1.55	ng/ul	0.04
58) Fluorene-d10	15.24	176	324182	16.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	53633	11.76	ng/ul	0.00
71) Anthracene-d10	17.10	188	520167	15.72	ng/ul	0.00
79) Pyrene-d10	19.40	212	594063	15.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	808305	14.72	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.72	77	483906	64.290	ng/ul#	1
8) Bis(2-Chloroethyl)ether	6.96	93	19381	2.310	ng/ul#	1
11) 2-Methylphenol	8.03	108	13320	1.742	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.08	45	25165	3.165	ng/ul	98
14) Acetophenone	8.42	105	46262	3.601	ng/ul	95
16) 4-Methylphenol	8.36	108	15695	1.871	ng/ul	90
24) 2,4-Dimethylphenol	9.55	107	17698	1.840	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	11892	1.070	ng/ul#	54
28) Naphthalene	10.42	128	5556083	212.176	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	741610	40.417	ng/ul	99
35) 1-Methylnaphthalene	12.25	142	351034	20.262	ng/ul	98

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

```
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Data File : BM019566.D
Acq On    : 29 Mar 2019   06:28
Operator  : JU/SJ
Sample    : K2063-16DL 2X
Misc      :
ALS Vial  : 28      Sample Multiplier: 1
```



#4

Benzaldehyde

Concen: 64.290 ng/ul

RT: 6.72 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM019566.D

Acq: 29 Mar 2019 06:28

Instrument :

BNA_M

ClientSampleId :

DB6S4DL

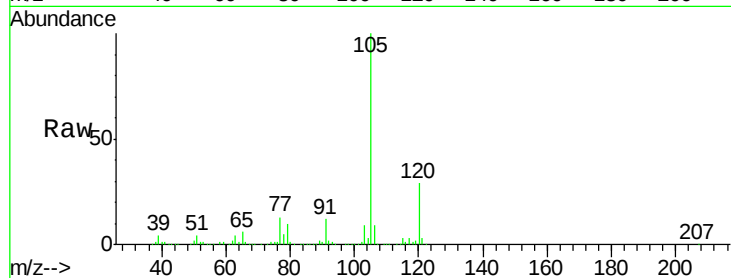
Tgt Ion: 77 Resp: 483906

Ion Ratio Lower Upper

77 100

105 758.7 71.0 106.6#

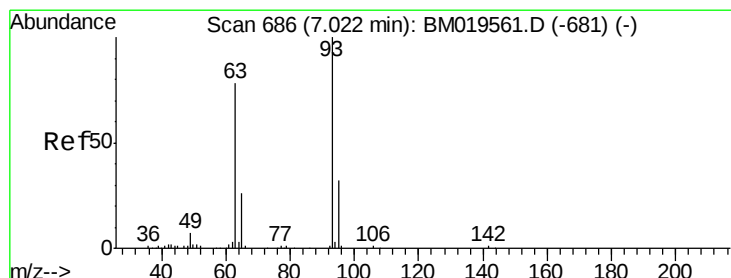
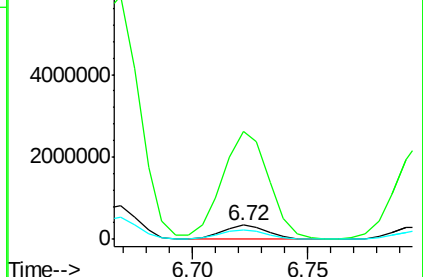
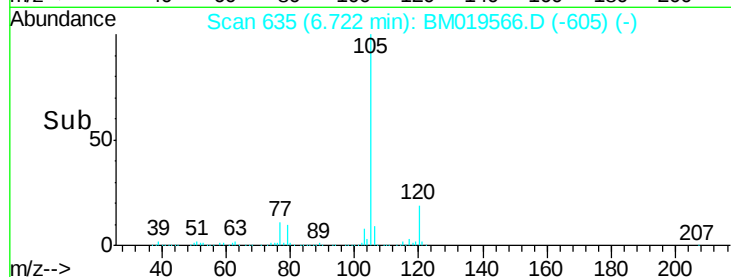
106 68.3 69.5 104.3#



Abundance Ion 77.00 (76.70 to 77.70): BM019566.D (-605) (-)

Ion 105.00 (104.70 to 105.70): BM019566.D (-605) (-)

Ion 106.00 (105.70 to 106.70): BM019566.D (-605) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 2.310 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.06 min

Lab File: BM019566.D

Acq: 29 Mar 2019 06:28

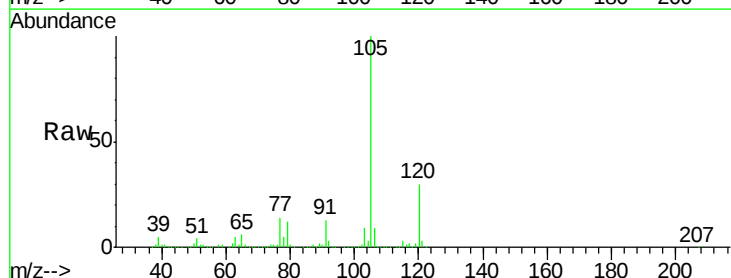
Tgt Ion: 93 Resp: 19381

Ion Ratio Lower Upper

93 100

63 916.0 59.4 89.2#

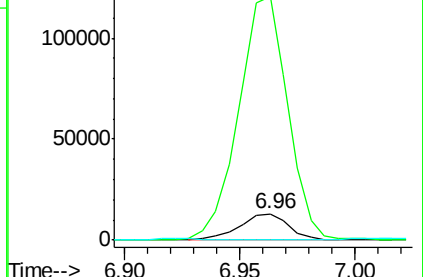
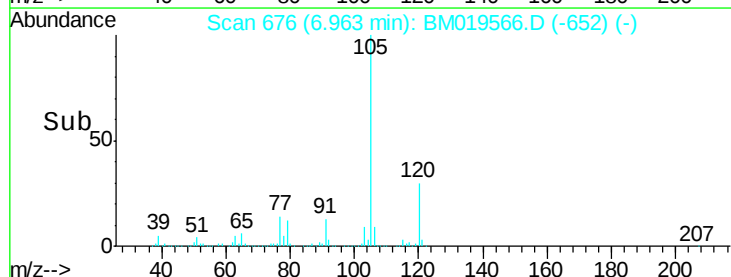
95 0.0 26.4 39.6#

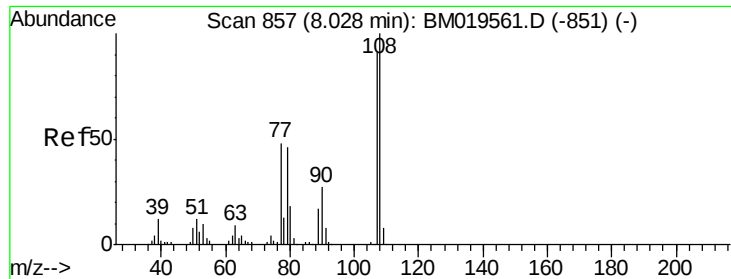


Abundance Ion 93.00 (92.70 to 93.70): BM019566.D (-652) (-)

Ion 63.00 (62.70 to 63.70): BM019566.D (-652) (-)

Ion 95.00 (94.70 to 95.70): BM019566.D (-652) (-)

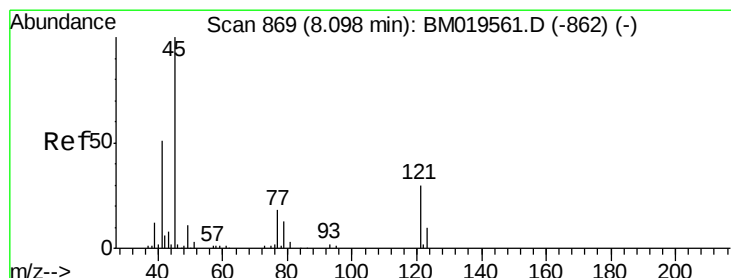
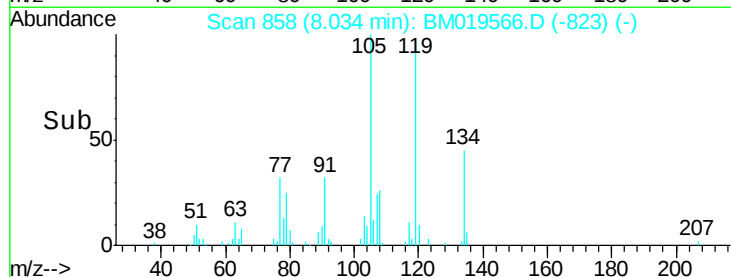
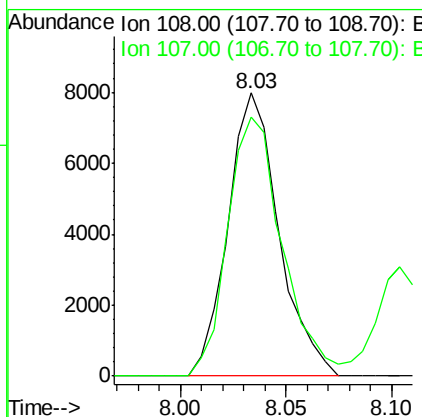
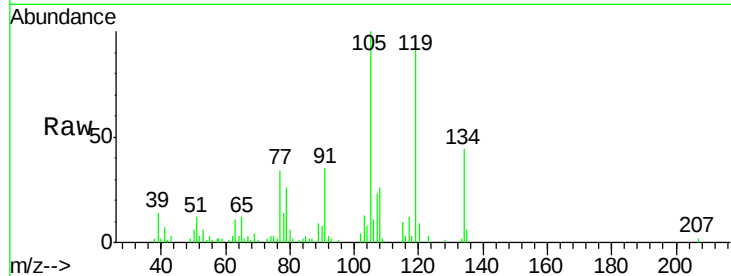




#11
2-Methylphenol
Concen: 1.742 ng/ul
RT: 8.03 min Scan# 858
Delta R.T. 0.01 min
Lab File: BM019566.D
Acq: 29 Mar 2019 06:28

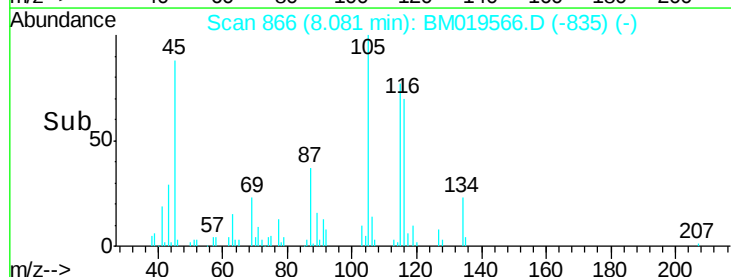
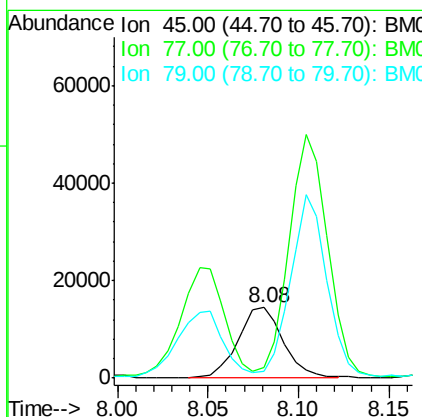
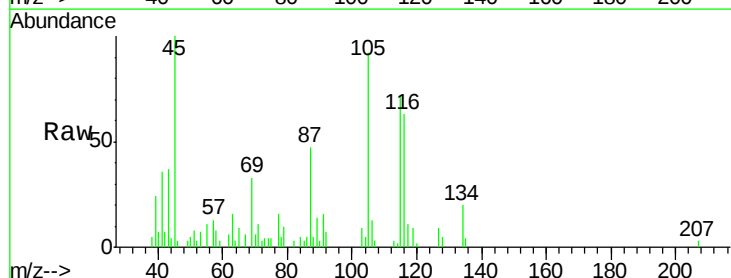
Instrument :
BNA_M
ClientSampleId :
DB6S4DL

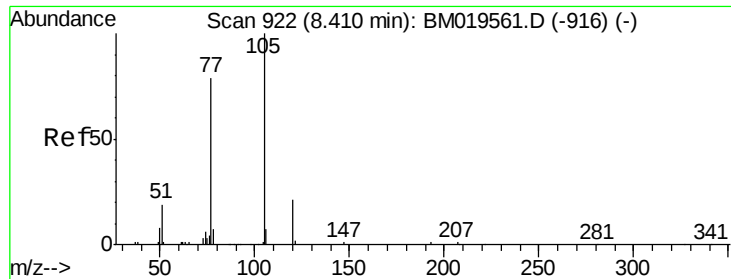
Tgt Ion: 108 Resp: 13320
Ion Ratio Lower Upper
108 100
107 91.4 74.1 111.1



#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.165 ng/ul
RT: 8.08 min Scan# 866
Delta R.T. -0.02 min
Lab File: BM019566.D
Acq: 29 Mar 2019 06:28

Tgt Ion: 45 Resp: 25165
Ion Ratio Lower Upper
45 100
77 15.9 12.5 18.7
79 10.2 9.4 14.2

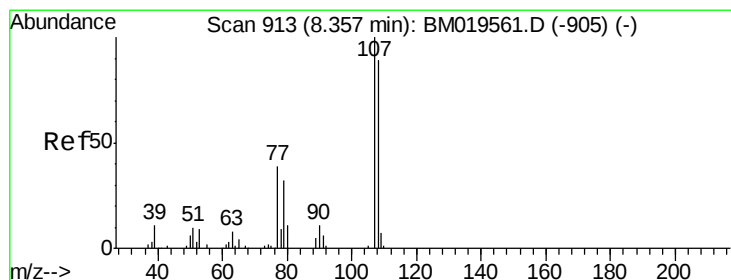
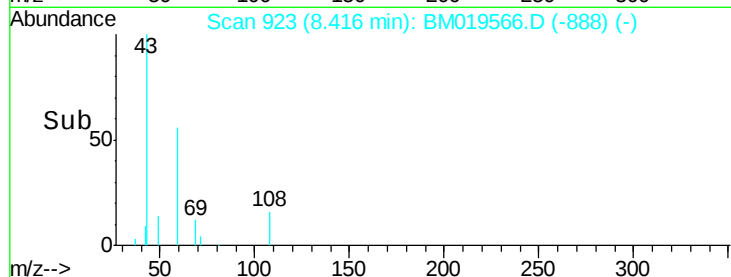
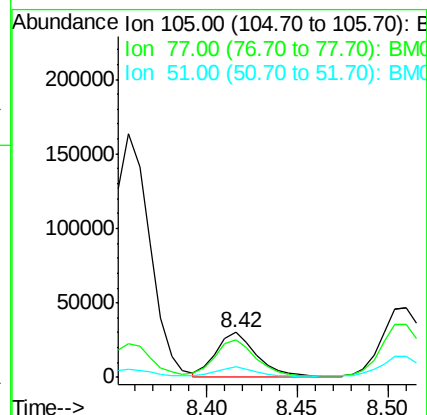
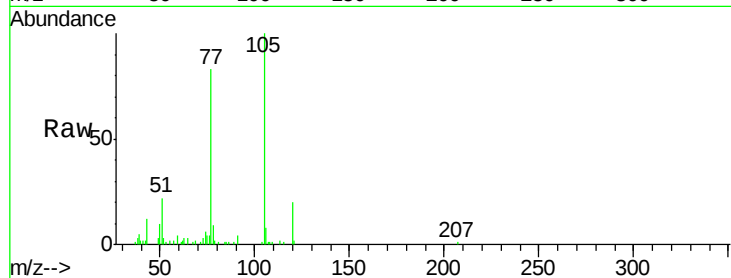




#14
Acetophenone
Concen: 3.601 ng/ul
RT: 8.42 min Scan# 923
Delta R.T. 0.01 min
Lab File: BM019566.D
Acq: 29 Mar 2019 06:28

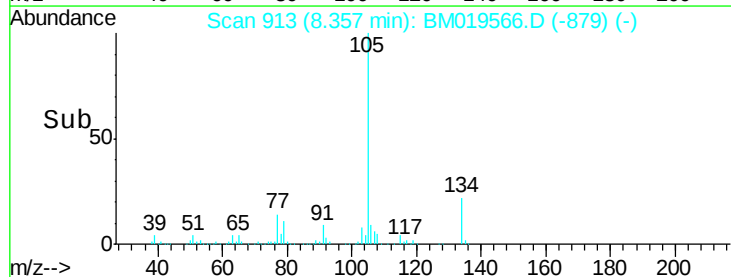
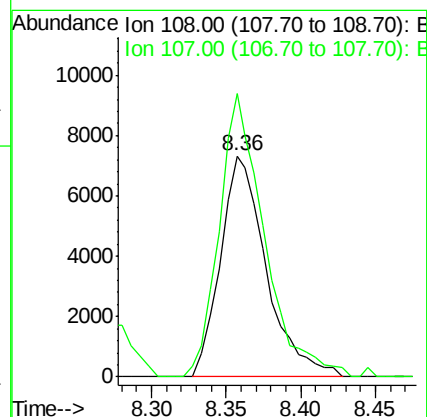
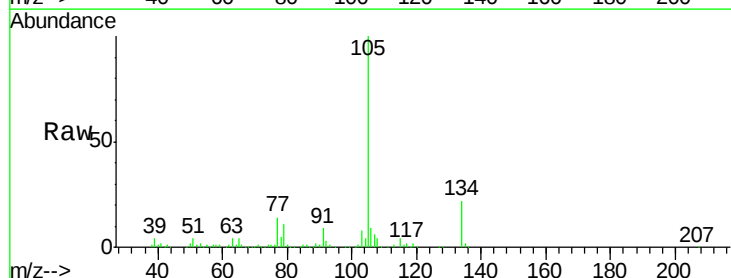
Instrument :
BNA_M
ClientSampleId :
DB6S4DL

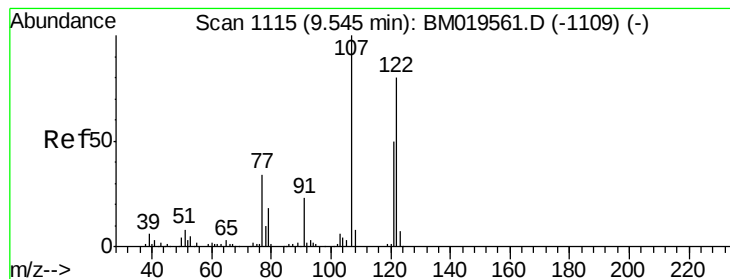
Tgt Ion:105 Resp: 46262
Ion Ratio Lower Upper
105 100
77 82.9 63.2 94.8
51 22.4 19.8 29.8



#16
4-Methylphenol
Concen: 1.871 ng/ul
RT: 8.36 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM019566.D
Acq: 29 Mar 2019 06:28

Tgt Ion:108 Resp: 15695
Ion Ratio Lower Upper
108 100
107 127.9 93.6 140.4





#24

2,4-Dimethylphenol

Concen: 1.840 ng/ul

RT: 9.55 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BM019566.D

Acq: 29 Mar 2019 06:28

Instrument :

BNA_M

ClientSampleId :

DB6S4DL

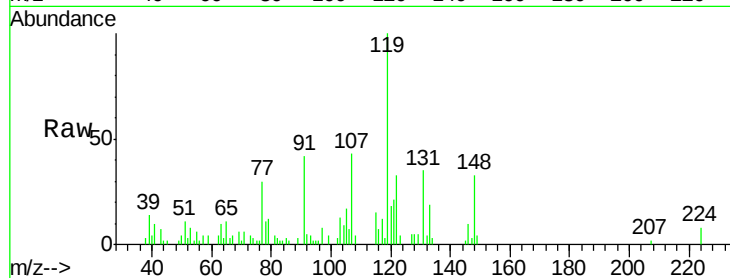
Tgt Ion:107 Resp: 17698

Ion Ratio Lower Upper

107 100

121 49.3 38.1 57.1

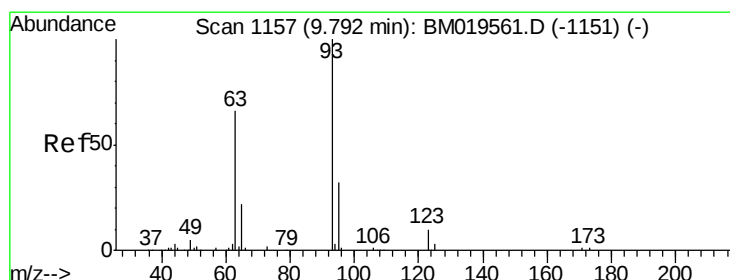
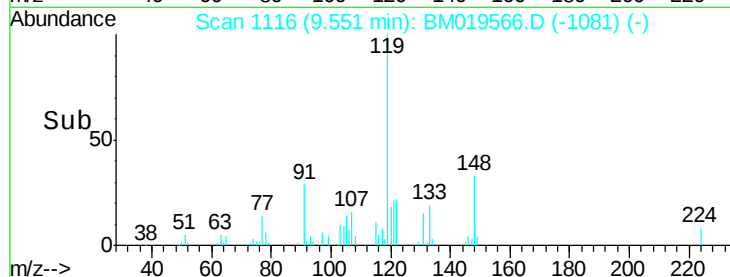
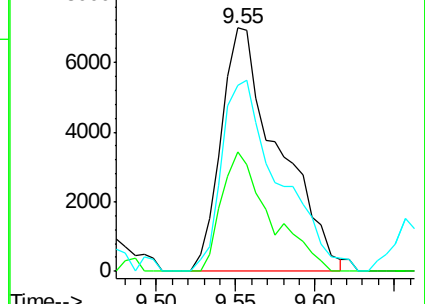
122 76.6 63.8 95.8



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: 1.070 ng/ul

RT: 9.80 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BM019566.D

Acq: 29 Mar 2019 06:28

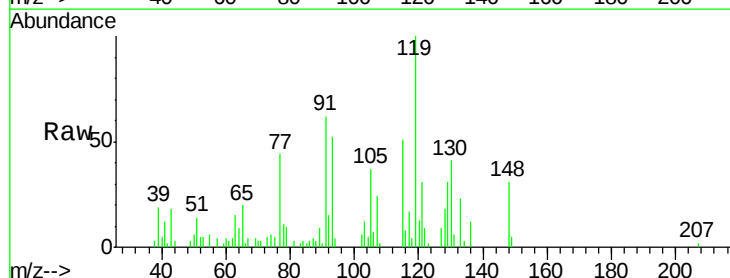
Tgt Ion: 93 Resp: 11892

Ion Ratio Lower Upper

93 100

95 0.0 24.7 37.1#

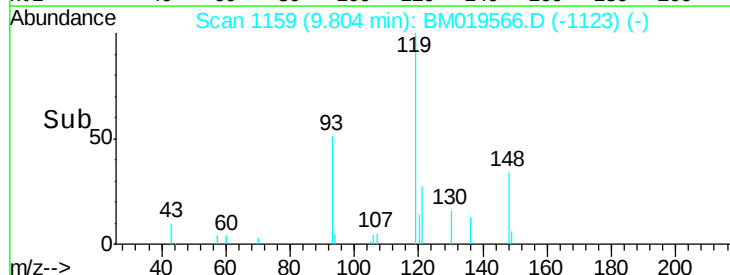
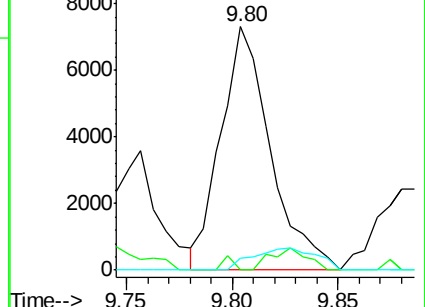
123 4.7 8.2 12.2#

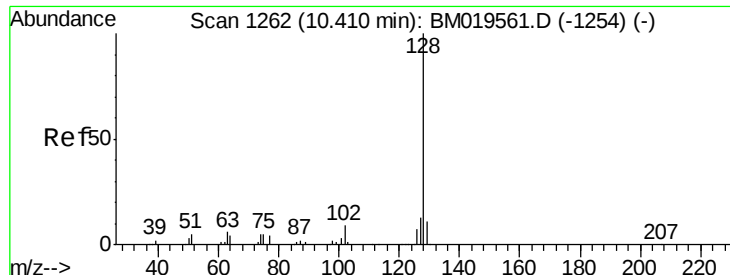


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

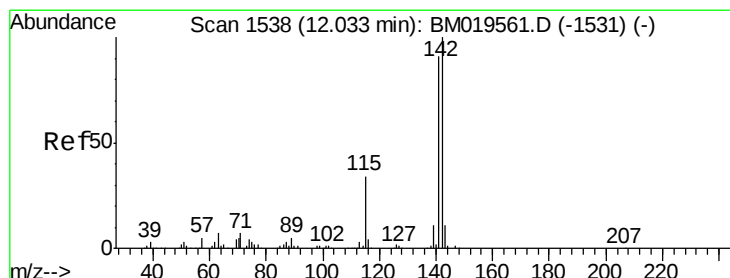
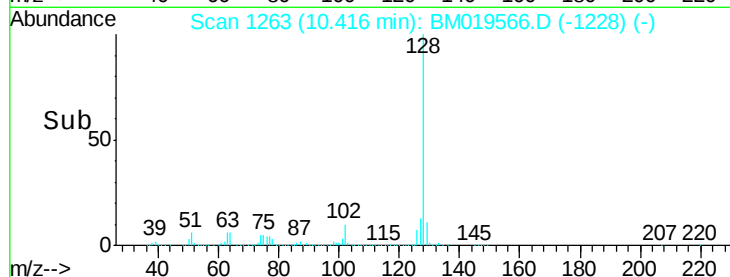
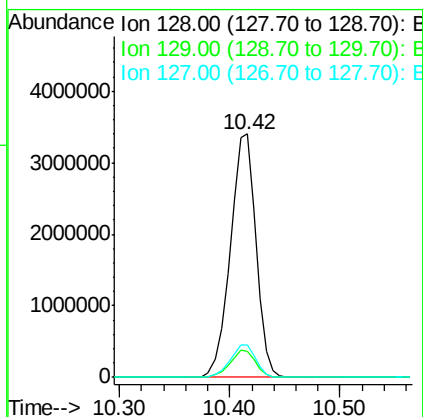
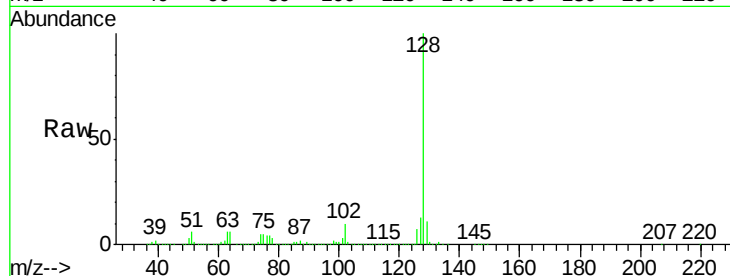




#28
Naphthalene
Concen: 212.176 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BM019566.D
Acq: 29 Mar 2019 06:28

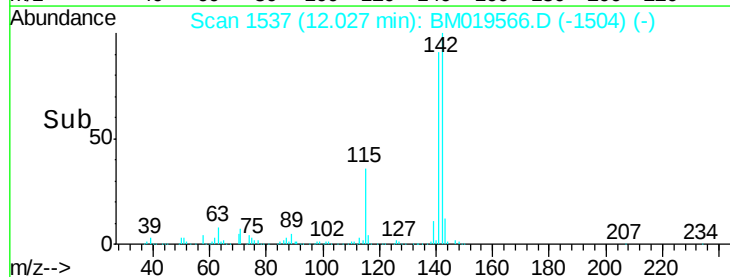
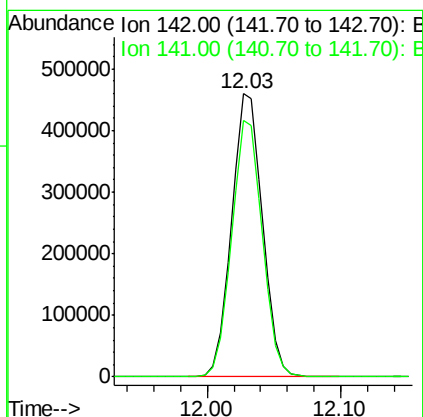
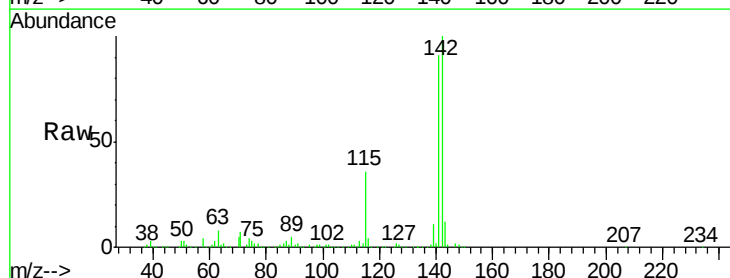
Instrument :
BNA_M
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DB6S4DL

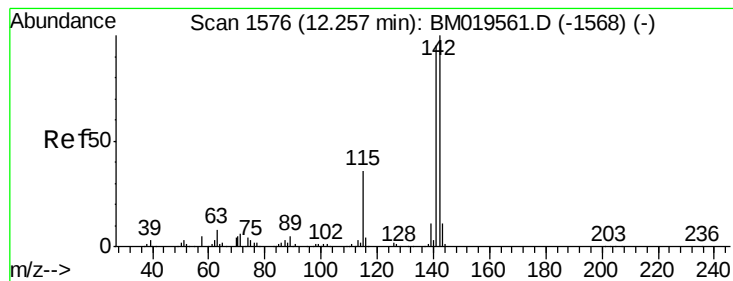
Tgt Ion:128 Resp: 5556083
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.4 10.8 16.2



#34
2-Methylnaphthalene
Concen: 40.417 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM019566.D
Acq: 29 Mar 2019 06:28

Tgt Ion:142 Resp: 741610
Ion Ratio Lower Upper
142 100
141 90.6 71.4 107.2





#35

1-Methylnaphthalene

Concen: 20.262 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BM019566.D

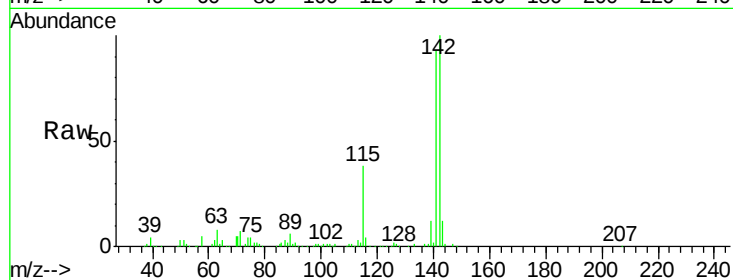
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Instrument :

BNA_M

ClientSampleId :

DB6S4DL



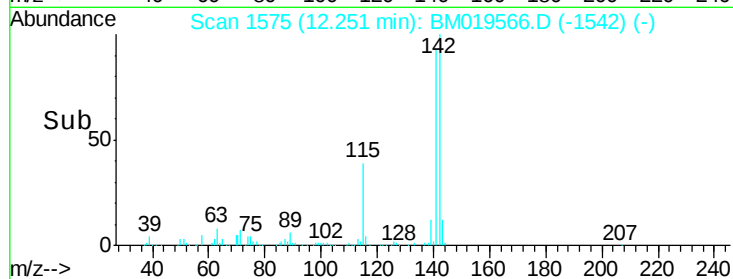
Tgt Ion:142 Resp: 351034

Ion Ratio Lower Upper

142 100

141 93.5 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

