

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070119\
 Data File : BM021307.D
 Acq On : 01 Jul 2019 13:50
 Operator : HP/JU
 Sample : K3559-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AE4

Quant Time: Jul 02 00:54:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 01 01:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	212758	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	856733	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	488303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1028334	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	970997	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1178564	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	25937	5.79	ng/uL	0.00
5) Phenol-d5	6.93	99	165826	8.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	339394	30.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	429591	28.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	289523	18.73	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	253930	36.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	298776	38.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	545210	34.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	28133	1.72	ng/ul	0.02
43) Dimethylphthalate-d6	13.81	166	1614342	36.59	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1939963	35.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	51172	7.13	ng/ul	0.01
57) Fluorene-d10	15.39	176	1355753	35.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	184949	29.26	ng/ul	0.00
70) Anthracene-d10	17.24	188	2001310	37.45	ng/ul	0.00
78) Pyrene-d10	19.54	212	2128949	36.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2588029	37.22	ng/ul	0.00

Target Compounds

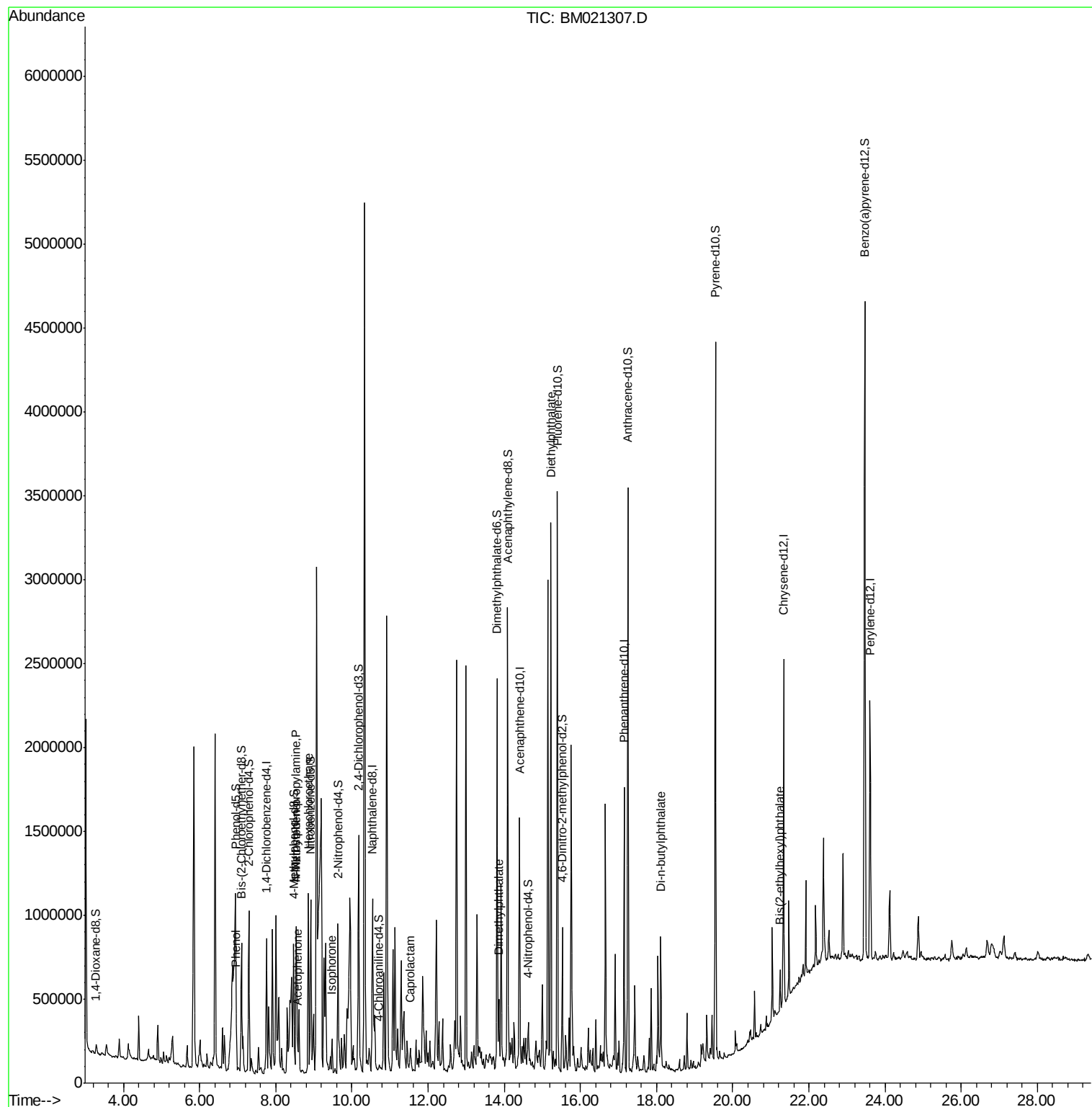
					Qvalue	
6) Phenol	6.96	94	192214	10.974	ng/ul	98
14) Acetophenone	8.58	105	41409	1.861	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.53	70	23473	2.027	ng/ul#	77
16) 4-Methylphenol	8.53	108	28720	1.947	ng/ul	88
17) Hexachloroethane	8.86	117	9890	1.673	ng/ul#	1
21) Isophorone	9.48	82	69203	2.351	ng/ul#	97
32) Caprolactam	11.53	113	26204	6.521	ng/ul	85
44) Dimethylphthalate	13.86	163	233489	5.813	ng/ul	99
56) Diethylphthalate	15.22	149	1679611	43.344	ng/ul	99
75) Di-n-butylphthalate	18.11	149	534489	9.320	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	87785	2.426	ng/ul	99

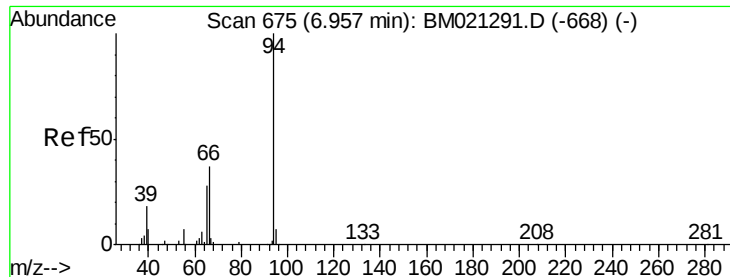
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070119\
Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5AE4

Quant Time: Jul 02 00:54:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 01 01:16:07 2019
Response via : Initial Calibration





#6

Phenol

Concen: 10.974 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM021307.D

Acq: 01 Jul 2019 13:50

Instrument :

BNA_M

ClientSampleId :

C5AE4

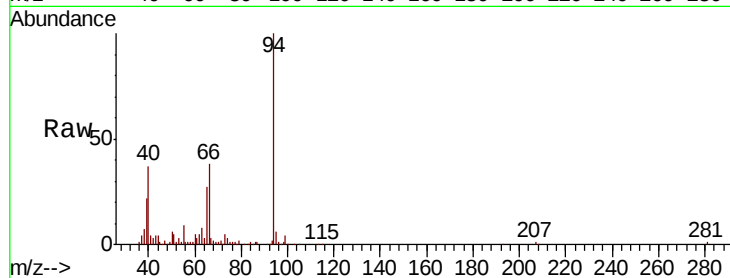
Tgt Ion: 94 Resp: 192214

Ion Ratio Lower Upper

94 100

65 27.3 22.6 34.0

66 37.8 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021291.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM021291.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM021291.D (-668) (-)

150000

100000

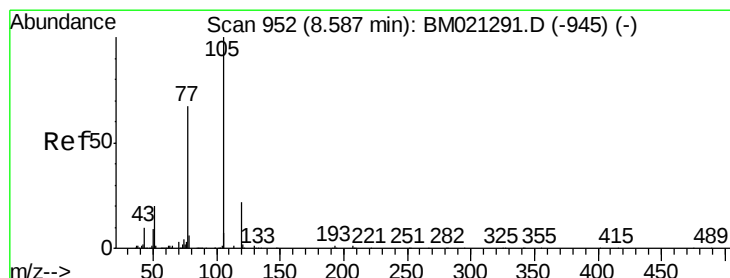
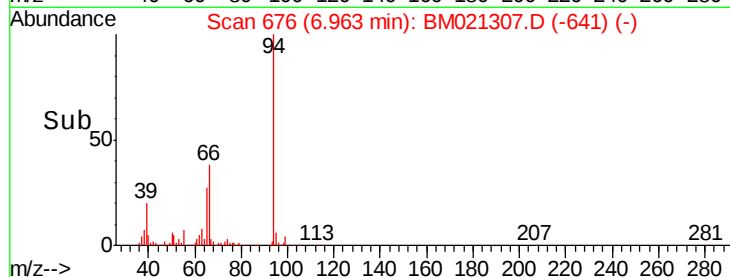
50000

0

6.96

6.90 6.95 7.00 7.05

Time-->



#14

Acetophenone

Concen: 1.861 ng/ul

RT: 8.58 min Scan# 951

Delta R.T. -0.01 min

Lab File: BM021307.D

Acq: 01 Jul 2019 13:50

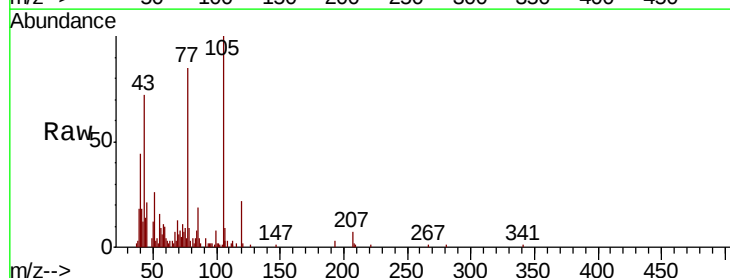
Tgt Ion: 105 Resp: 41409

Ion Ratio Lower Upper

105 100

77 85.1 63.8 95.6

51 26.4 19.3 28.9



Abundance Ion 105.00 (104.70 to 105.70): BM021291.D (-945) (-)

Ion 77.00 (76.70 to 77.70): BM021291.D (-945) (-)

Ion 51.00 (50.70 to 51.70): BM021291.D (-945) (-)

30000

20000

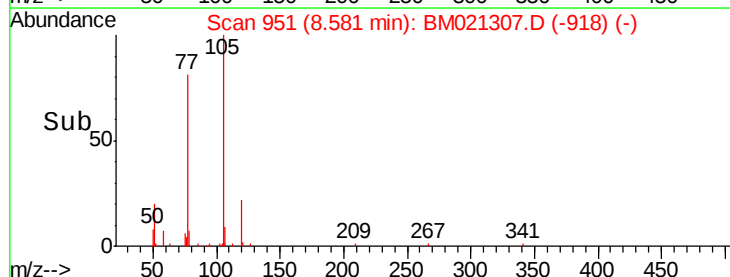
10000

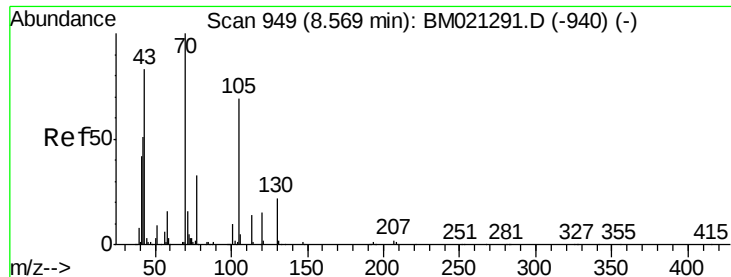
0

8.58

8.55 8.60

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 2.027 ng/ul

RT: 8.53 min Scan# 942

Delta R.T. -0.04 min

Lab File: BM021307.D

Acq: 01 Jul 2019 13:50

Instrument :

BNA_M

ClientSampleId :

C5AE4

Tgt Ion: 70 Resp: 23473

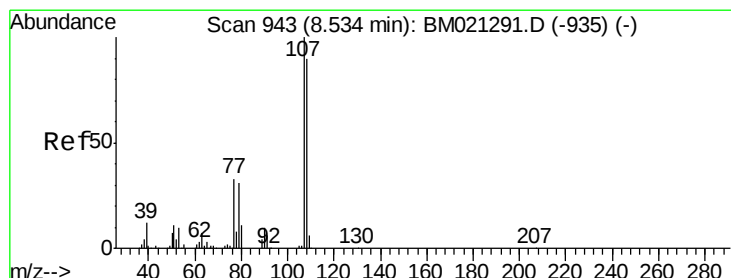
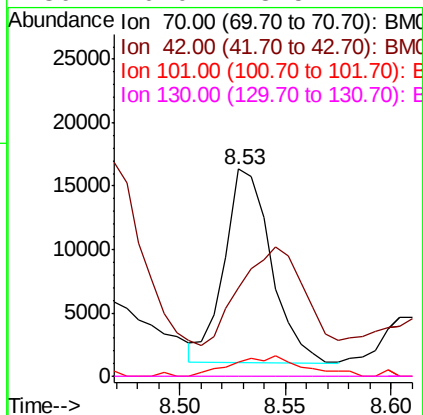
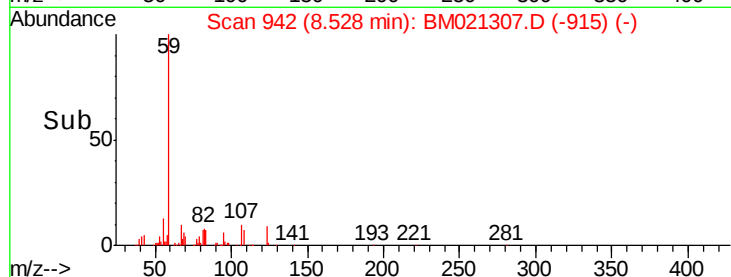
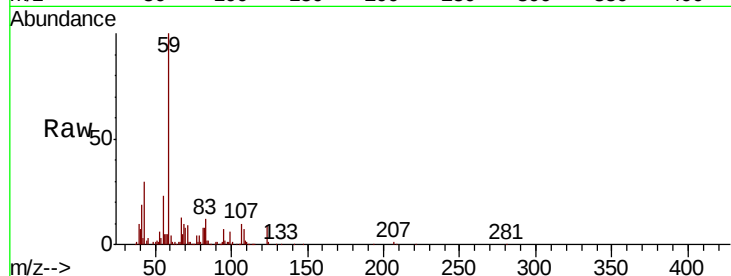
Ion Ratio Lower Upper

70 100

42 42.8 43.4 65.0#

101 6.6 7.8 11.6#

130 0.0 18.5 27.7#



#16

4-Methylphenol

Concen: 1.947 ng/ul

RT: 8.53 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM021307.D

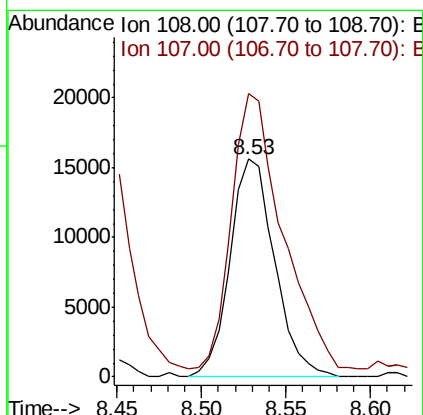
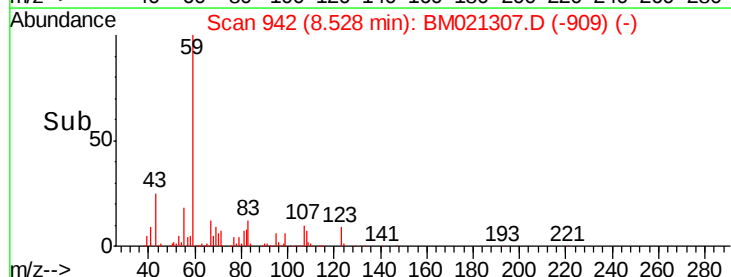
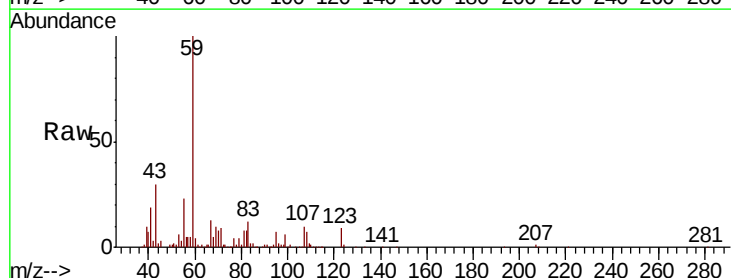
Acq: 01 Jul 2019 13:50

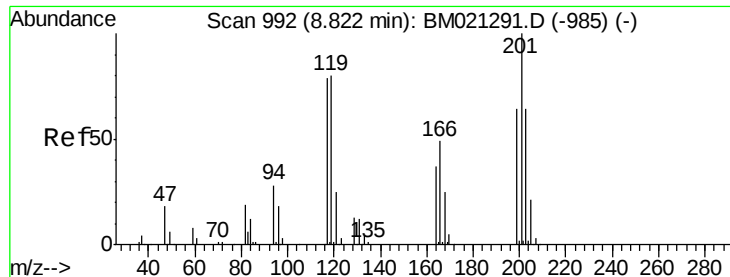
Tgt Ion: 108 Resp: 28720

Ion Ratio Lower Upper

108 100

107 129.8 93.0 139.4





#17

Hexachloroethane

Concen: 1.673 ng/ul

RT: 8.86 min Scan# 998

Delta R.T. 0.04 min

Lab File: BM021307.D

Acq: 01 Jul 2019 13:50

Instrument :

BNA_M

ClientSampleId :

C5AE4

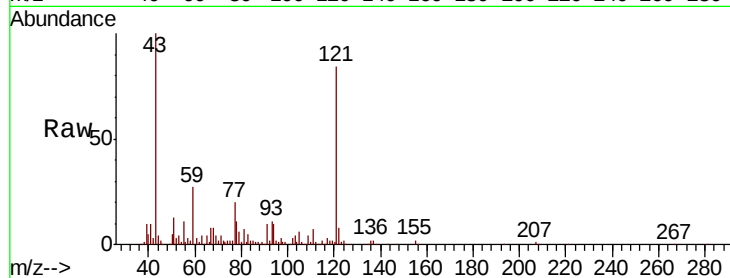
Tgt Ion:117 Resp: 9890

Ion Ratio Lower Upper

117 100

201 0.0 93.9 140.9#

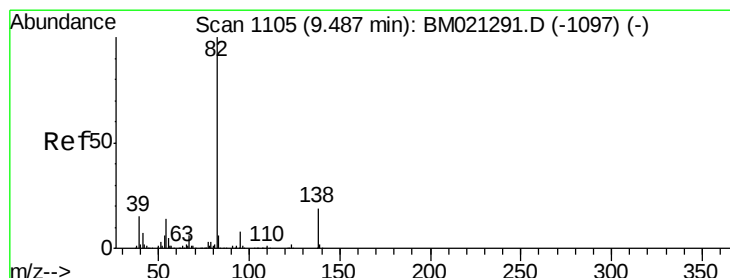
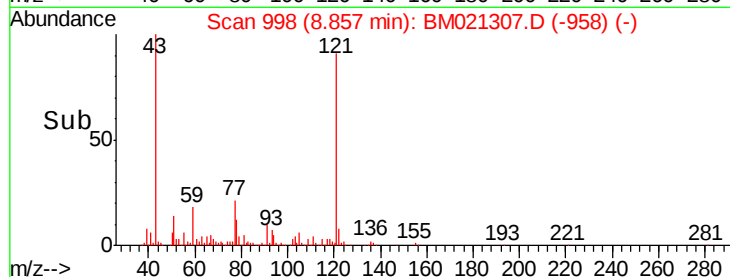
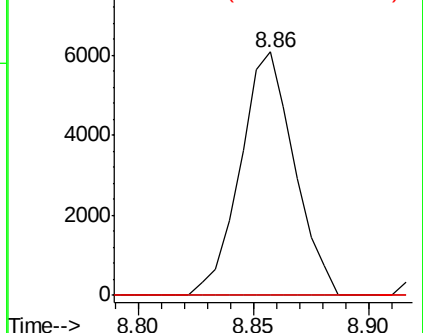
199 0.0 57.8 86.8#



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



#21

Isophorone

Concen: 2.351 ng/ul

RT: 9.48 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM021307.D

Acq: 01 Jul 2019 13:50

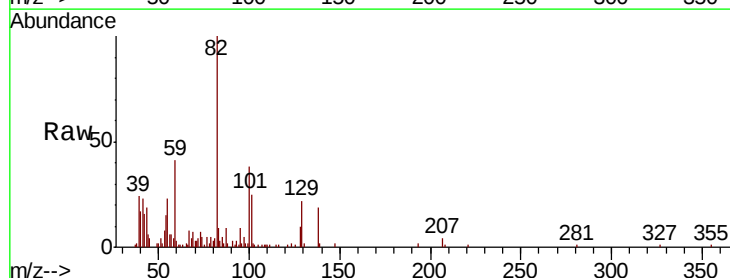
Tgt Ion: 82 Resp: 69203

Ion Ratio Lower Upper

82 100

95 8.7 5.8 8.6#

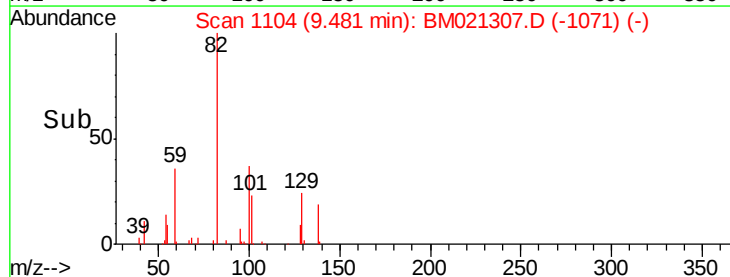
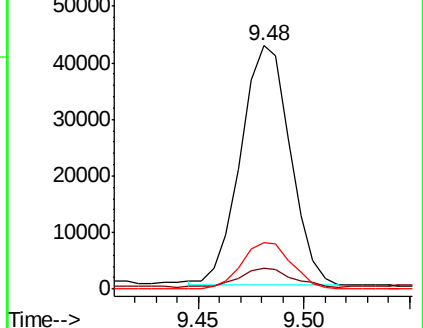
138 19.2 14.6 21.8

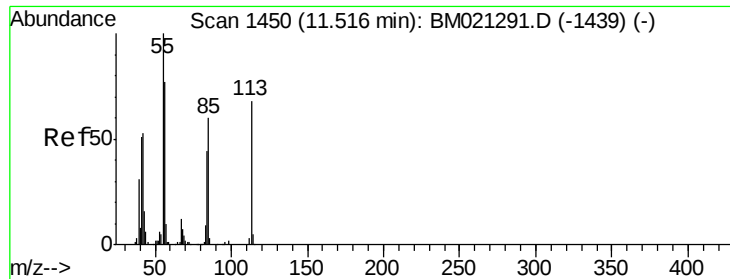


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E

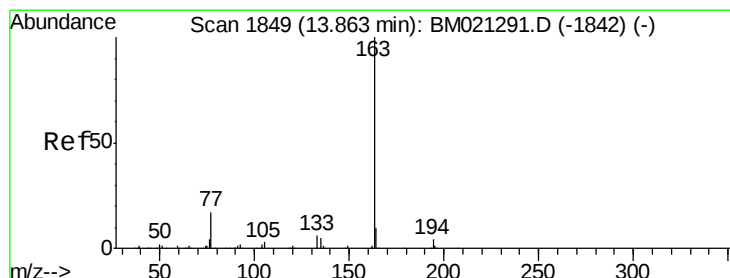
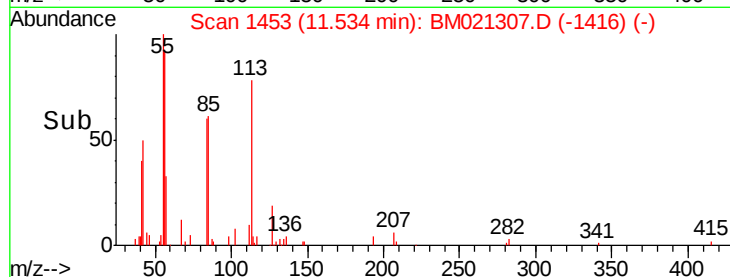
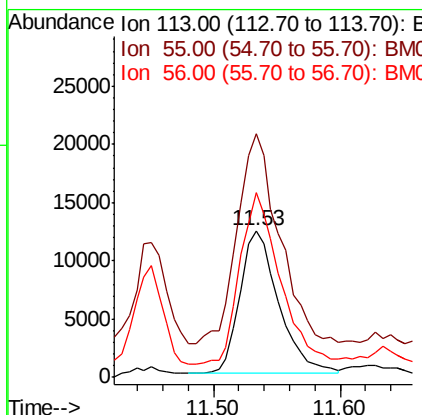
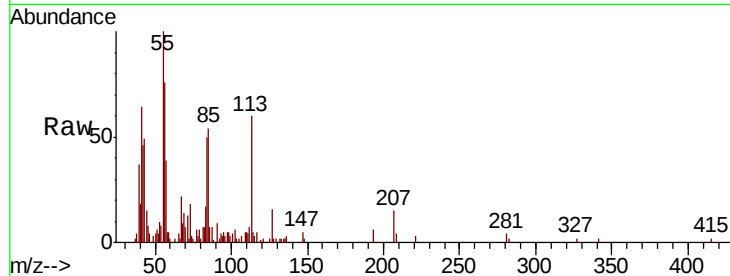




#32
 Caprolactam
 Concen: 6.521 ng/ul
 RT: 11.53 min Scan# 1453
 Delta R.T. 0.02 min
 Lab File: BM021307.D
 Acq: 01 Jul 2019 13:50

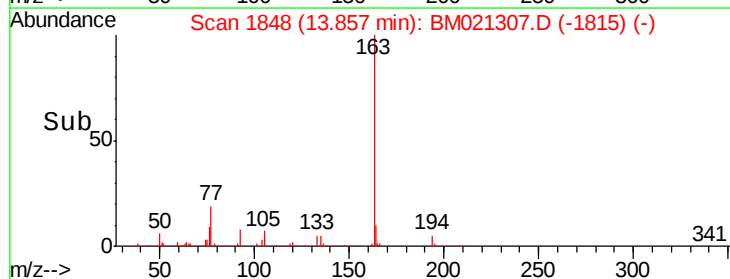
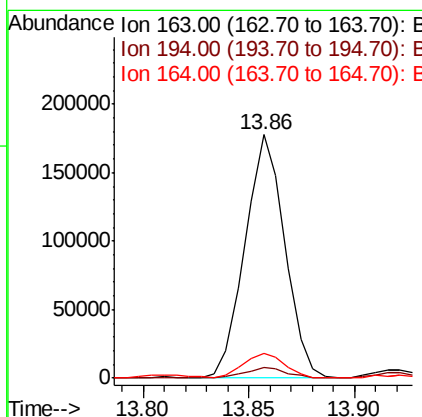
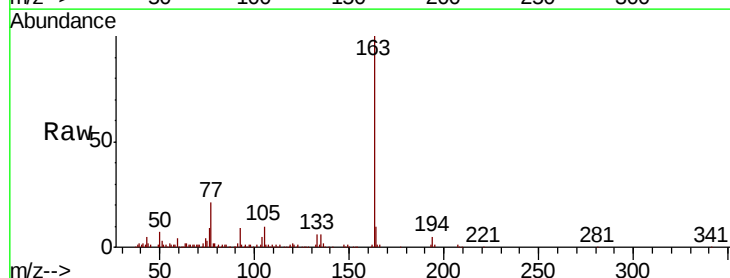
Instrument :
 BNA_M
 ClientSampleId :
 C5AE4

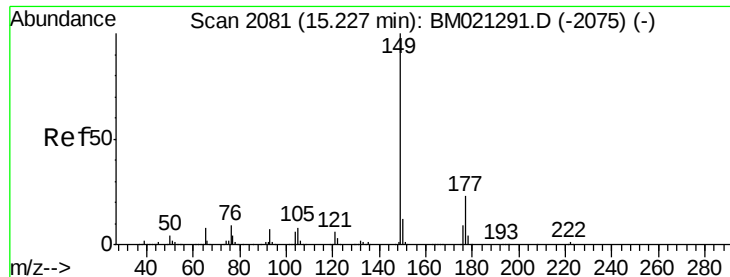
Tgt Ion:113 Resp: 26204
 Ion Ratio Lower Upper
 113 100
 55 165.9 115.8 173.6
 56 126.2 91.0 136.6



#44
 Dimethylphthalate
 Concen: 5.813 ng/ul
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BM021307.D
 Acq: 01 Jul 2019 13:50

Tgt Ion:163 Resp: 233489
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.4 5.2
 164 10.1 7.7 11.5





#56

Diethylphthalate

Concen: 43.344 ng/ul

RT: 15.22 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BM021307.D

Acq: 01 Jul 2019 13:50

Instrument :

BNA_M

ClientSampleId :

C5AE4

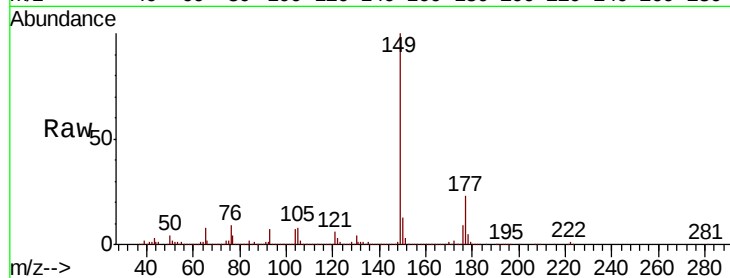
Tgt Ion:149 Resp: 1679611

Ion Ratio Lower Upper

149 100

177 23.5 18.2 27.4

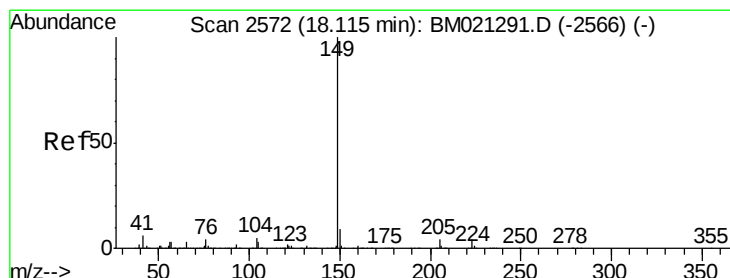
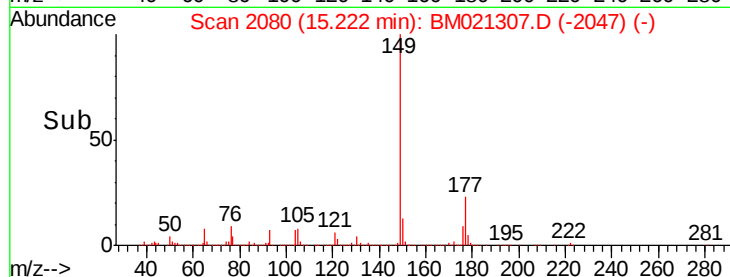
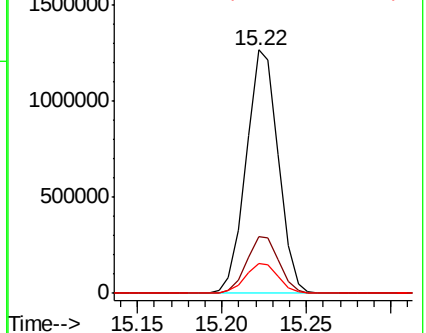
150 12.5 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#75

Di-n-butylphthalate

Concen: 9.320 ng/ul

RT: 18.11 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BM021307.D

Acq: 01 Jul 2019 13:50

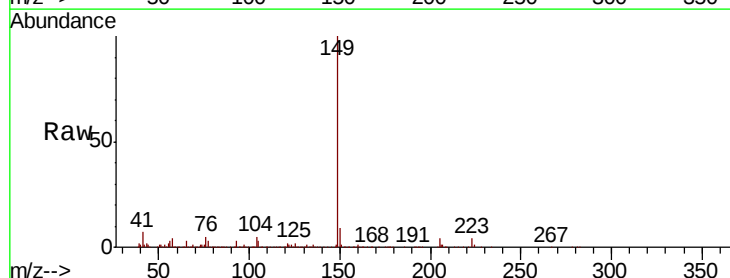
Tgt Ion:149 Resp: 534489

Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

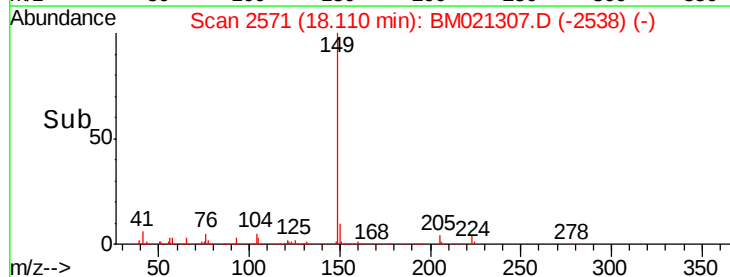
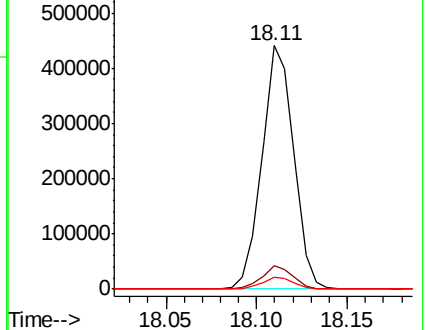
104 4.9 3.8 5.8

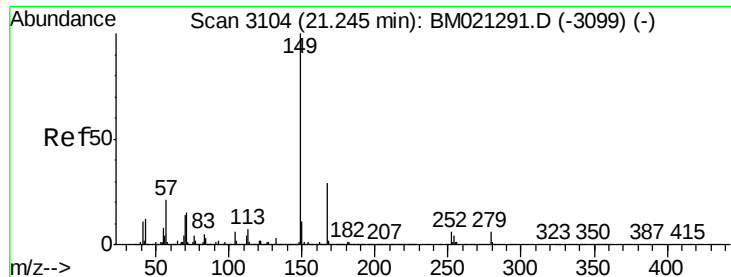


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.426 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM021307.D

Acq: 01 Jul 2019 13:50

Instrument :

BNA_M

ClientSampleId :

C5AE4

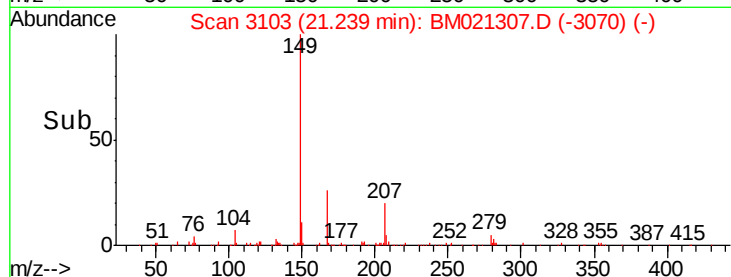
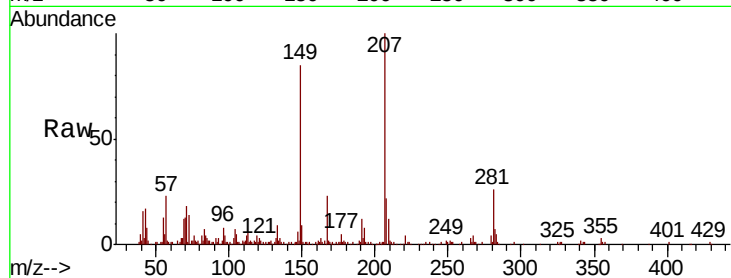
Tgt Ion:149 Resp: 87785

Ion Ratio Lower Upper

149 100

167 27.2 22.3 33.5

279 4.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

