

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119584.D
 Acq On : 27 Mar 2020 23:11
 Operator : CG/JU
 Sample : L2042-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-01-(SB-04)

Quant Time: Mar 28 03:32:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

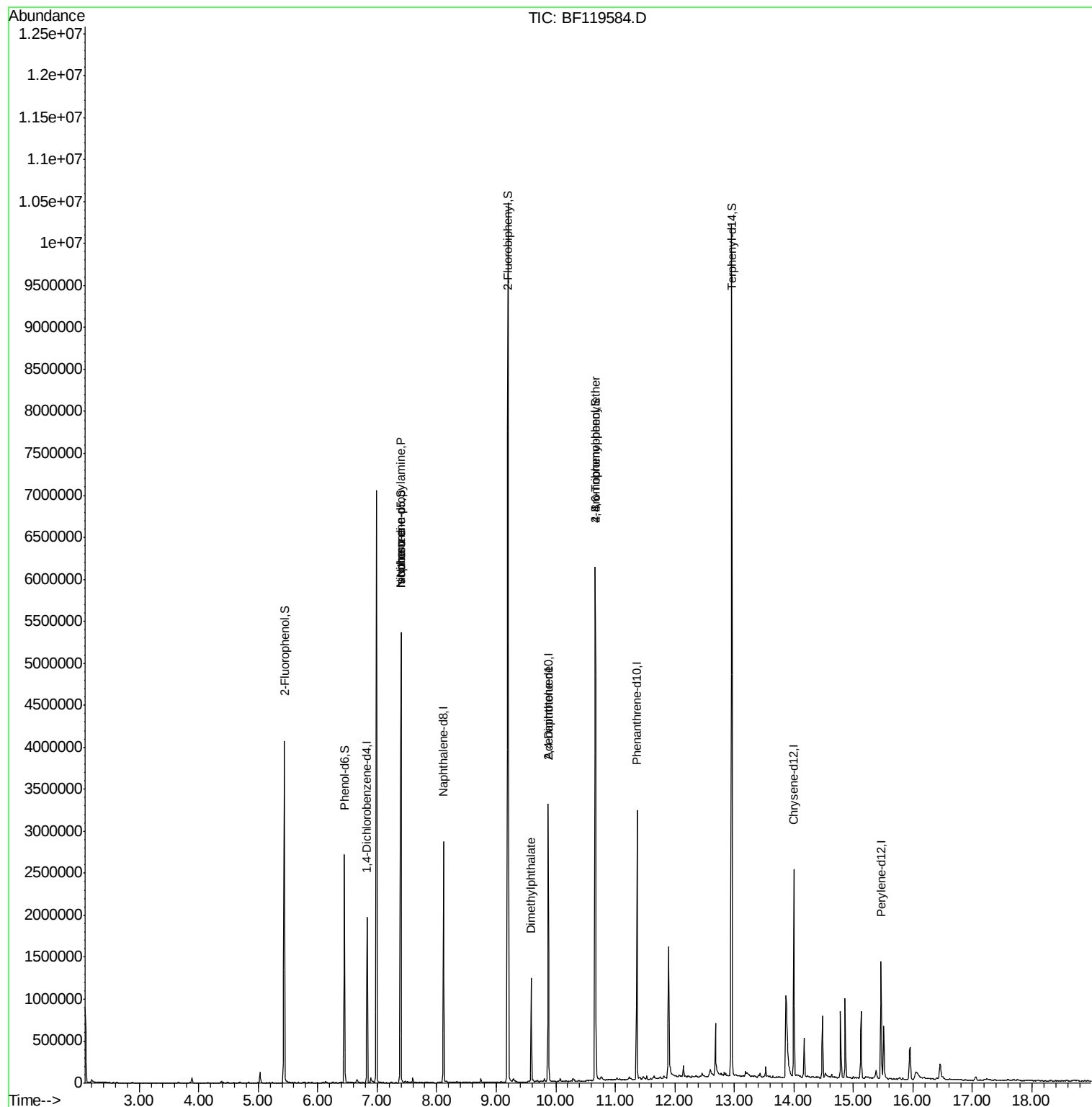
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	311590	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1205593	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	644582	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1207969	20.00	ng	0.00
76) Chrysene-d12	14.00	240	838286	20.00	ng	-0.01
87) Perylene-d12	15.46	264	650546	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1023133	52.27	ng	0.00
7) Phenol-d6	6.45	99	833764	33.35	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1949152	87.87	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	808660	121.60	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3527712	81.08	ng	0.00
79) Terphenyl-d14	12.96	244	3940671	92.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	262930	17.45	ng	# 73
25) Isophorone	7.40	82	1933539	42.97	ng	# 65
50) Dimethylphthalate	9.59	163	446272	9.75	ng	100
57) 2,4-Dinitrotoluene	9.87	165	84458	6.83	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	52124	3.79	ng	# 1

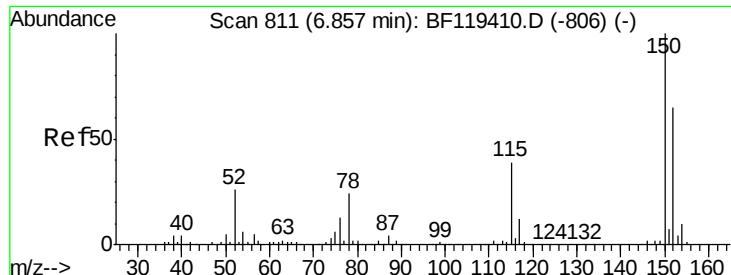
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

Instrument :

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ClientSampleId :

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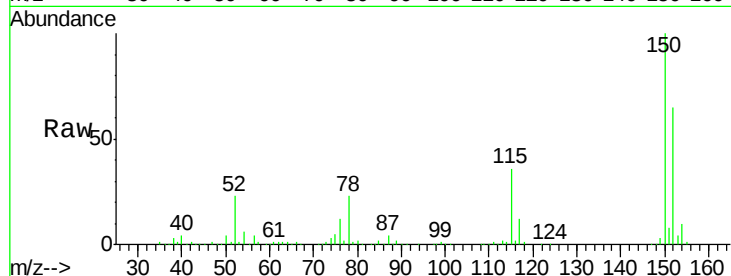
Tgt Ion:152 Resp: 311590

Ion Ratio Lower Upper

152 100

150 154.7 124.5 186.7

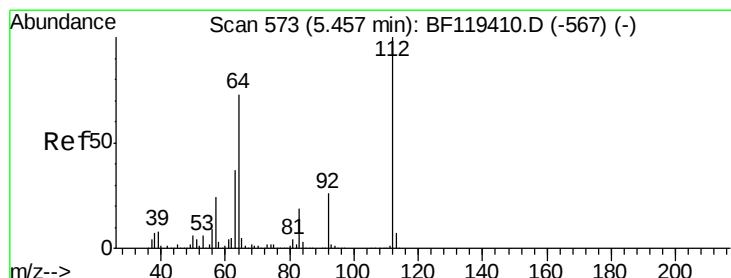
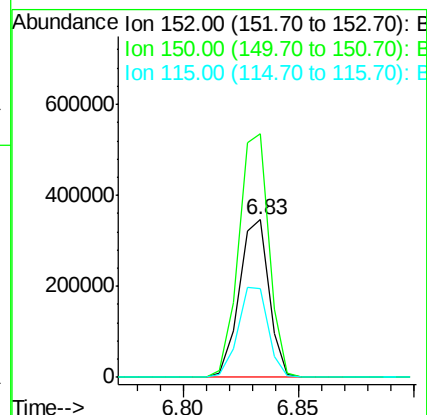
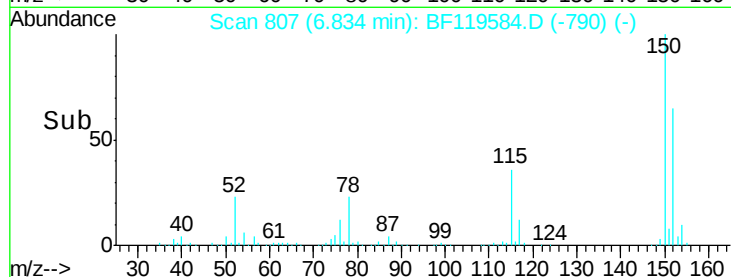
115 56.4 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 52.27 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

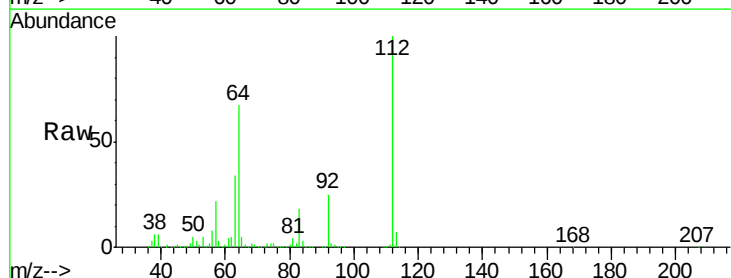
Tgt Ion:112 Resp: 1023133

Ion Ratio Lower Upper

112 100

64 67.0 56.7 85.1

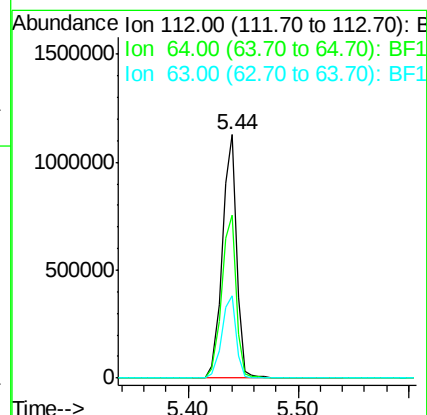
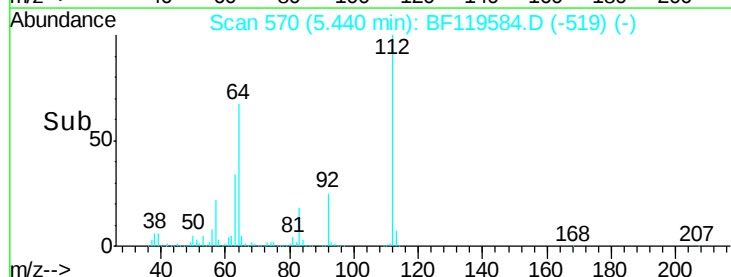
63 33.6 29.5 44.3

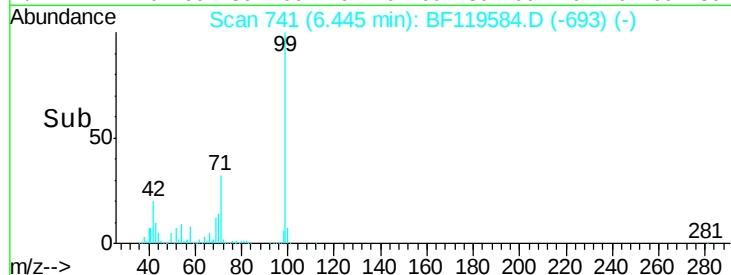
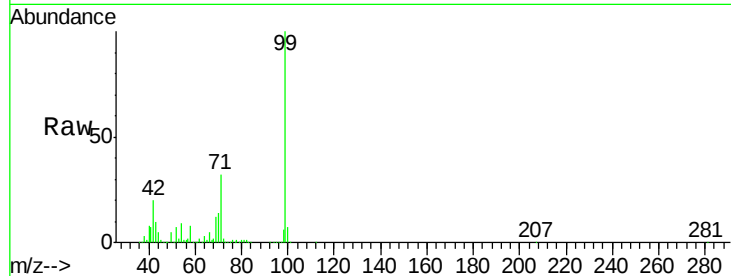
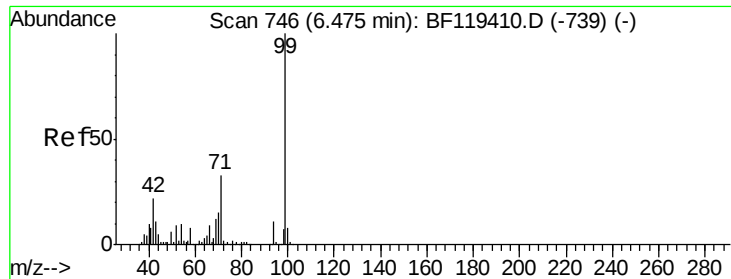


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 33.35 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

Instrument :

BNA_F

ClientSampleId :

GW-01-(SB-04)

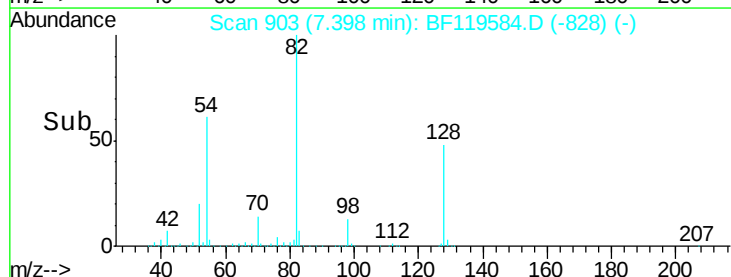
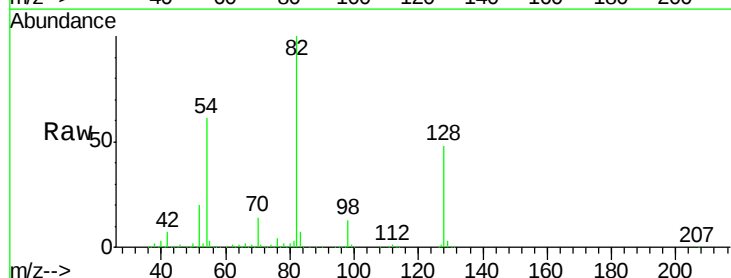
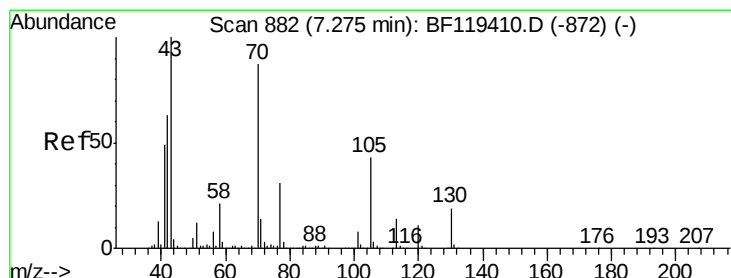
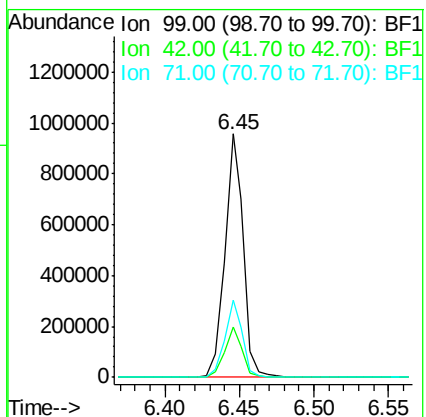
Tgt Ion: 99 Resp: 833764

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 31.8 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.45 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

Tgt Ion: 70 Resp: 262930

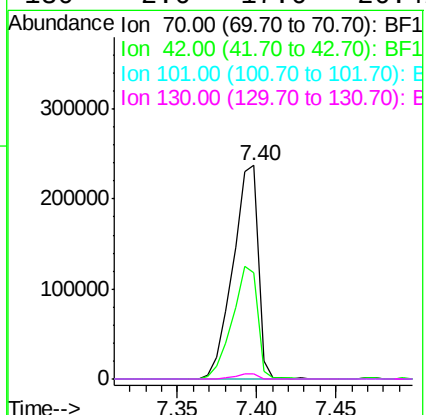
Ion Ratio Lower Upper

70 100

42 49.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.6 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

Instrument :

BNA_F

ClientSampleId :

GW-01-(SB-04)

Tgt Ion:136 Resp: 1205593

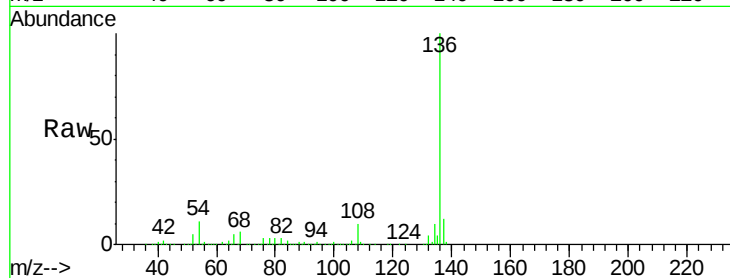
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 10.6 9.1 13.7

68 6.3 4.6 6.8

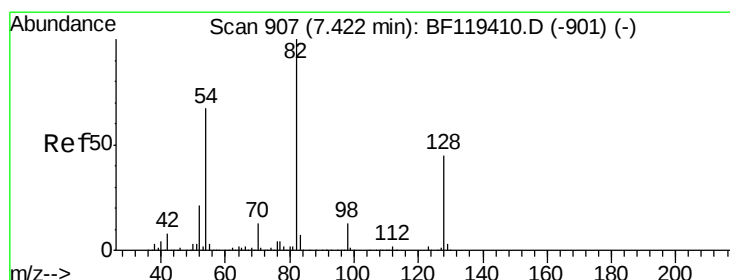
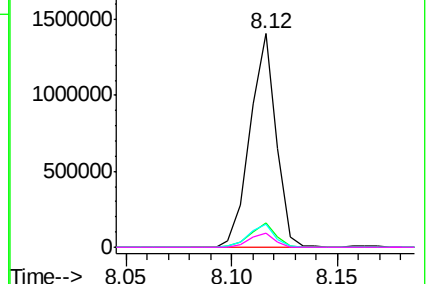
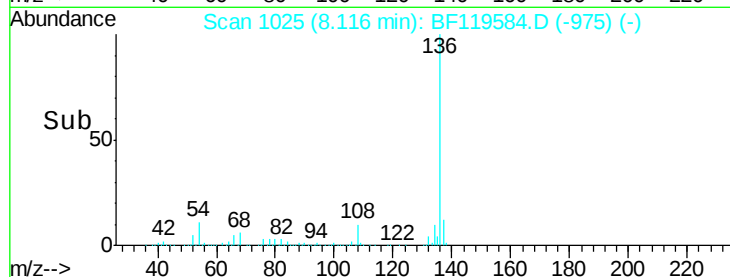


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 87.87 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

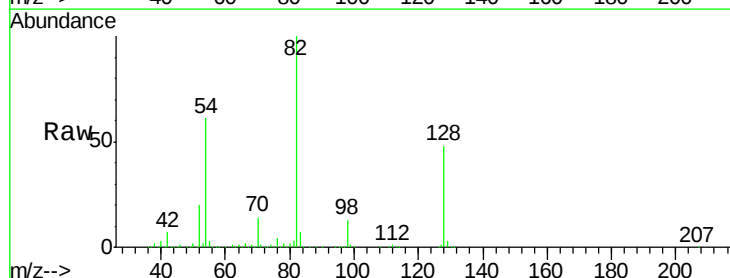
Tgt Ion: 82 Resp: 1949152

Ion Ratio Lower Upper

82 100

128 48.3 36.3 54.5

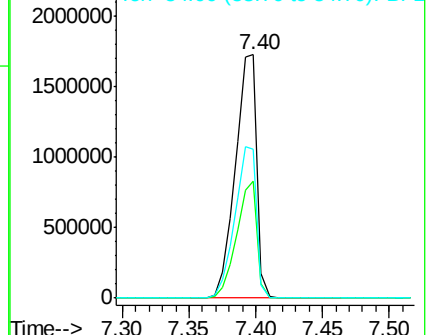
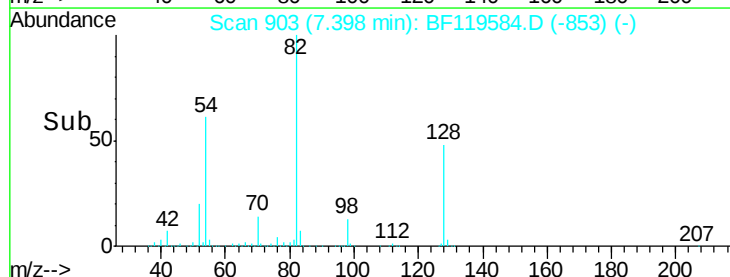
54 61.2 50.6 75.8

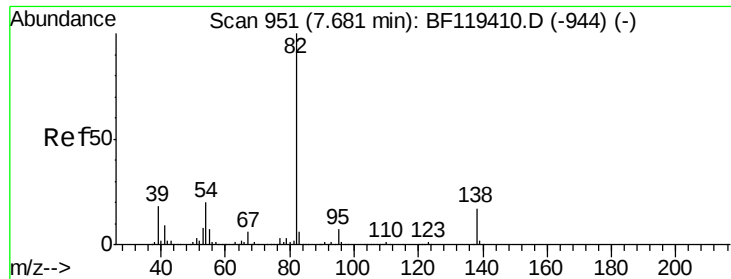


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.97 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

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GW-01-(SB-04)

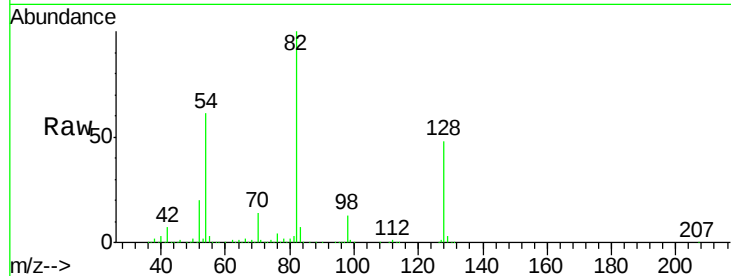
Tgt Ion: 82 Resp: 1933539

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

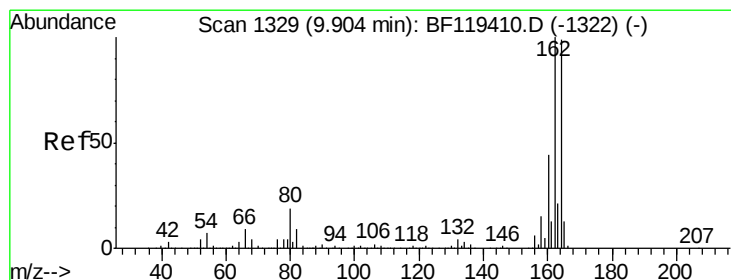
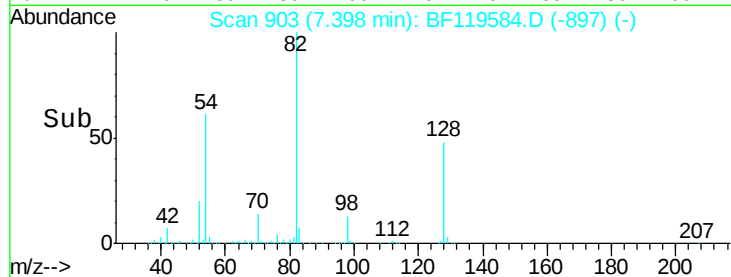
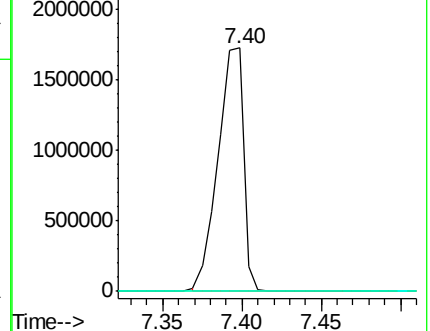
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

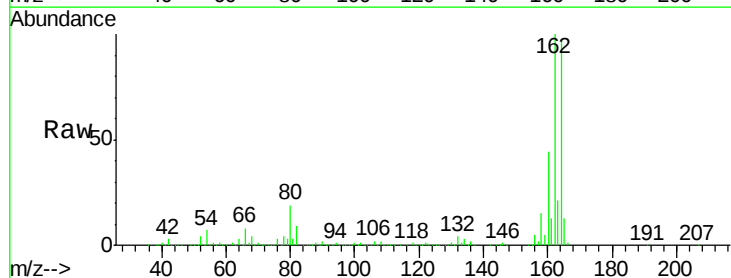
Tgt Ion: 164 Resp: 644582

Ion Ratio Lower Upper

164 100

162 103.5 80.6 121.0

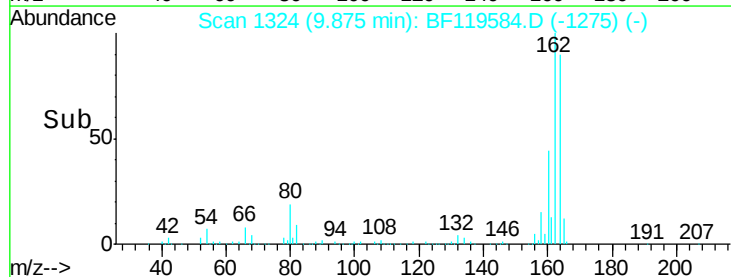
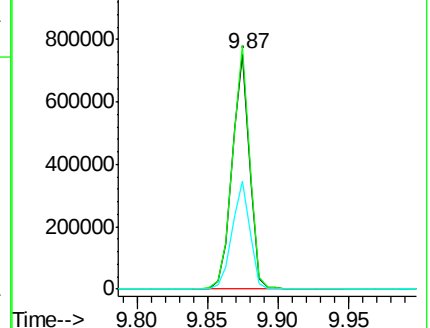
160 45.7 35.7 53.5

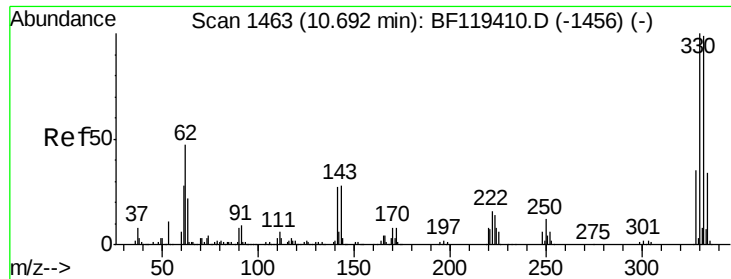


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

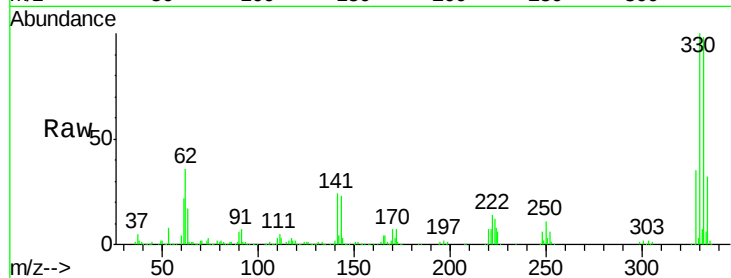




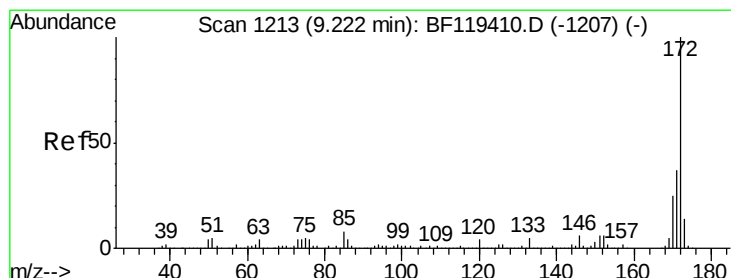
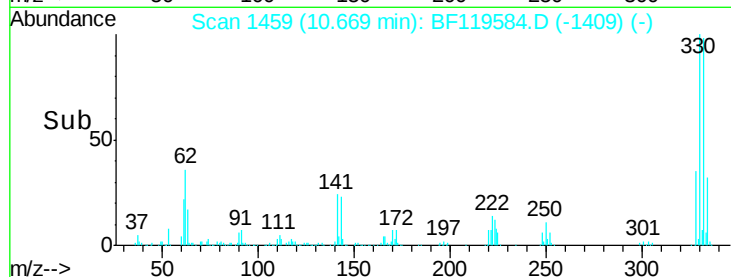
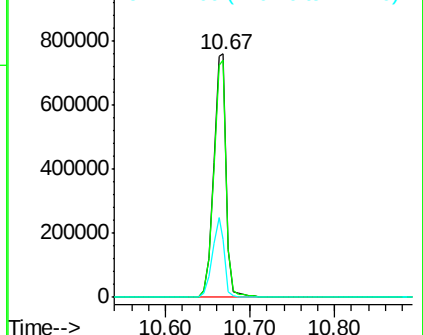
#42
 2,4,6-Tribromophenol
 Concen: 121.60 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119584.D
 Acq: 27 Mar 2020 23:11

Instrument :
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 GW-01-(SB-04)

Tgt Ion:330 Resp: 808660
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.7 113.5
 141 31.3 25.4 38.0

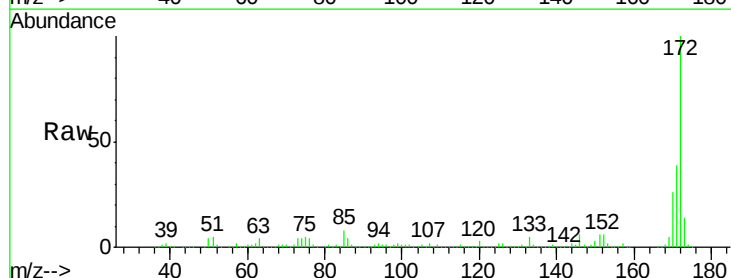


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

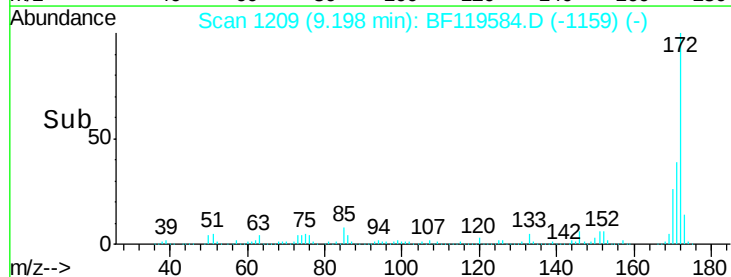
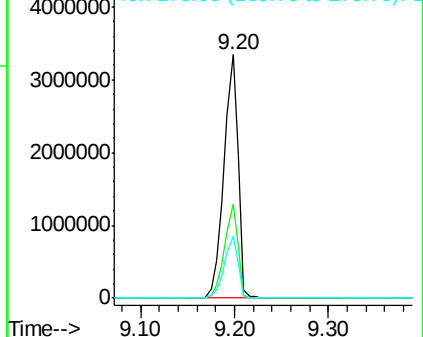


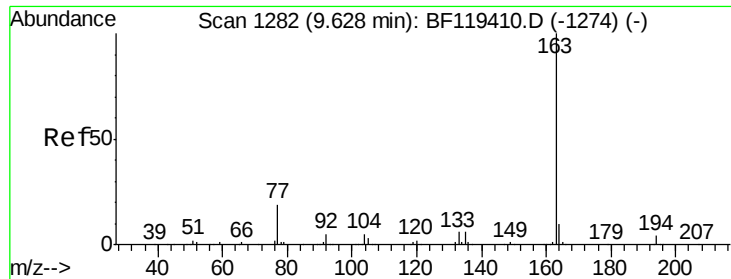
#45
 2-Fluorobiphenyl
 Concen: 81.08 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119584.D
 Acq: 27 Mar 2020 23:11

Tgt Ion:172 Resp: 3527712
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.6 44.4
 170 25.6 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

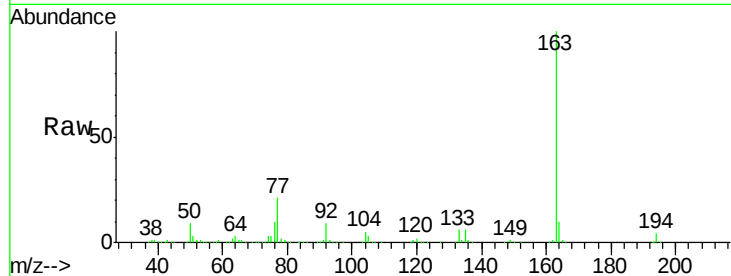




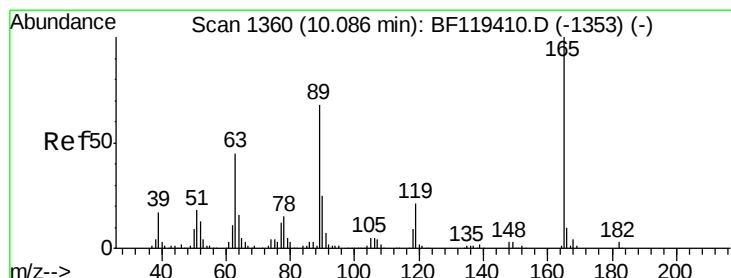
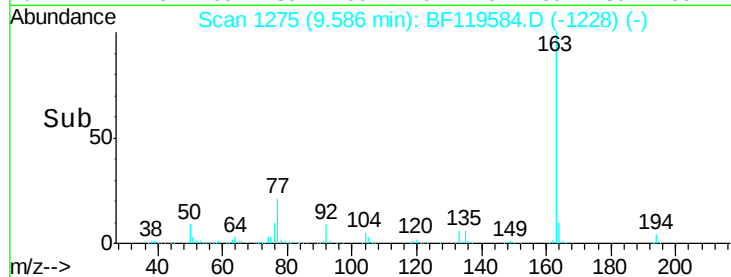
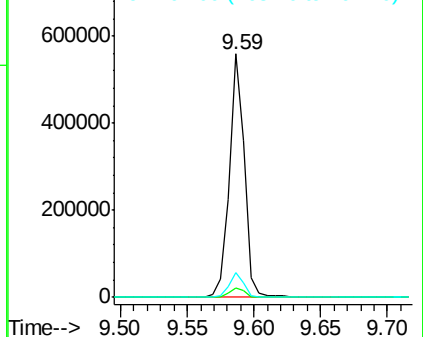
#50
Dimethylphthalate
Concen: 9.75 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119584.D
Acq: 27 Mar 2020 23:11

Instrument :
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GW-01-(SB-04)

Tgt Ion:163 Resp: 446272
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 8.2 12.2

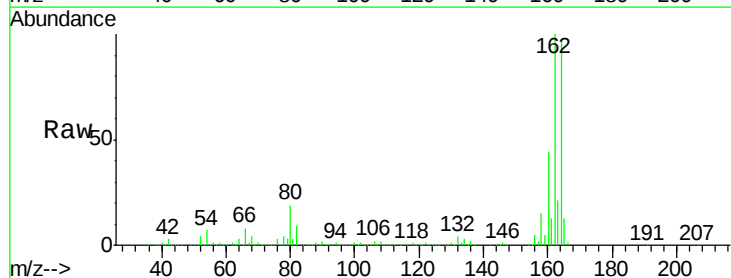


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

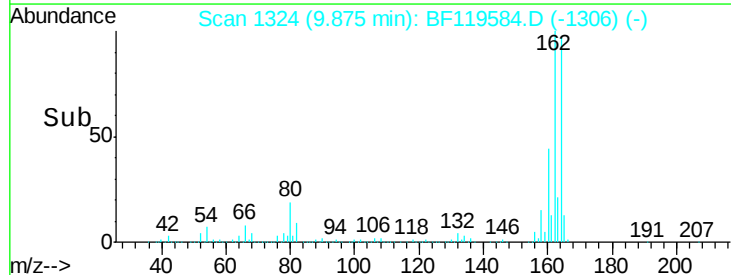
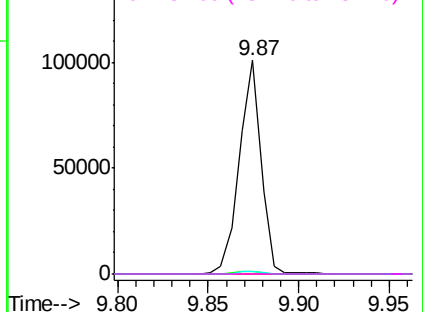


#57
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119584.D
Acq: 27 Mar 2020 23:11

Tgt Ion:165 Resp: 84458
Ion Ratio Lower Upper
165 100
63 1.1 42.6 64.0#
89 1.3 61.0 91.4#
182 0.0 2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

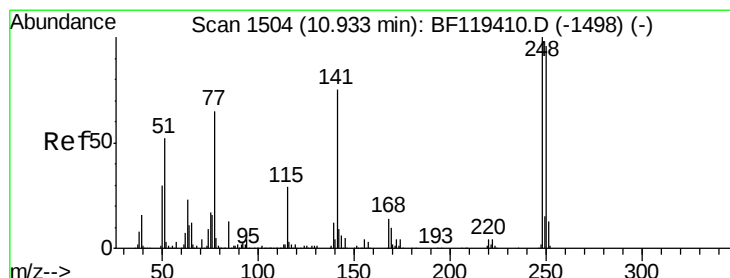
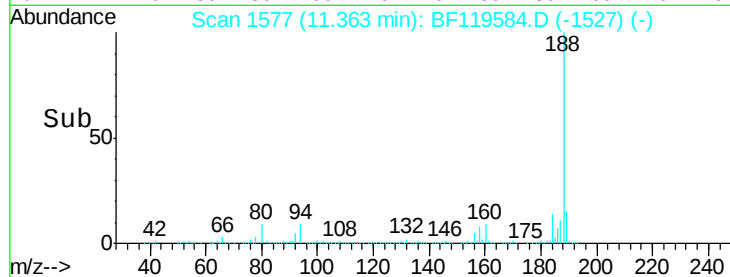
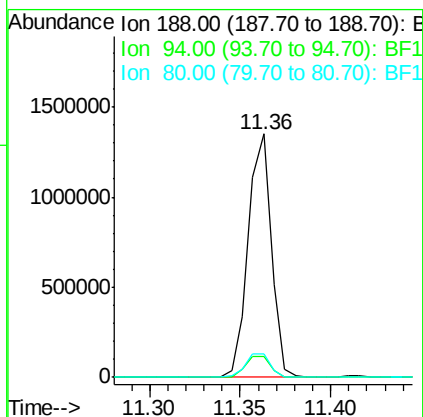
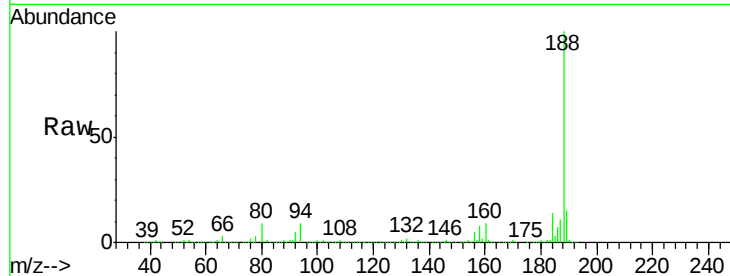




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119584.D
Acq: 27 Mar 2020 23:11

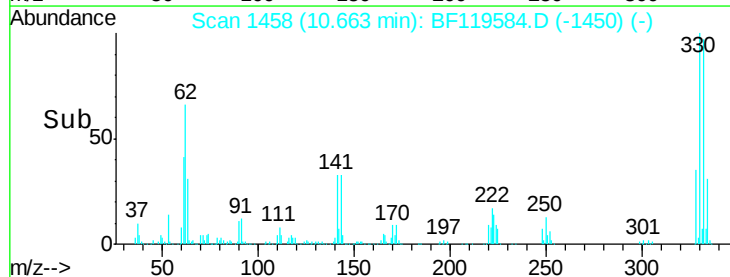
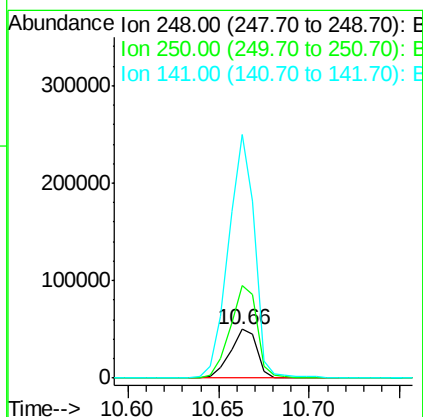
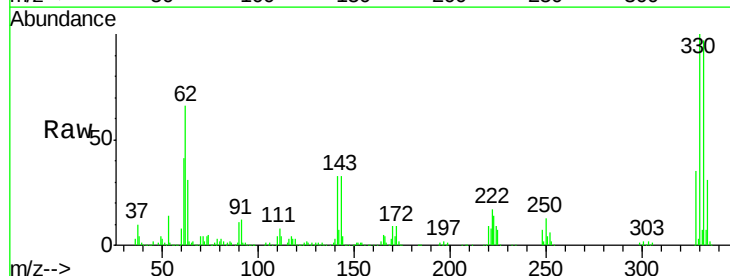
Instrument :
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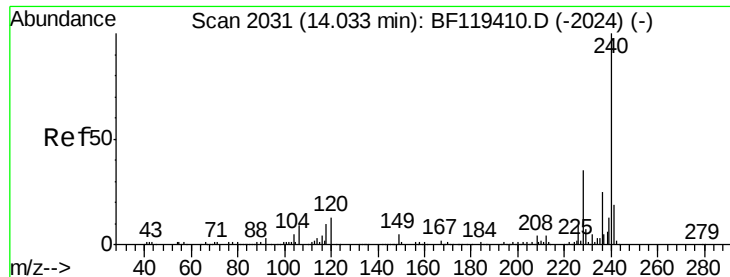
Tgt Ion:188 Resp: 1207969
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.5 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF119584.D
Acq: 27 Mar 2020 23:11

Tgt Ion:248 Resp: 52124
Ion Ratio Lower Upper
248 100
250 188.4 77.3 115.9#
141 496.8 58.6 87.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

Instrument :

BNA_F

ClientSampleId :

GW-01-(SB-04)

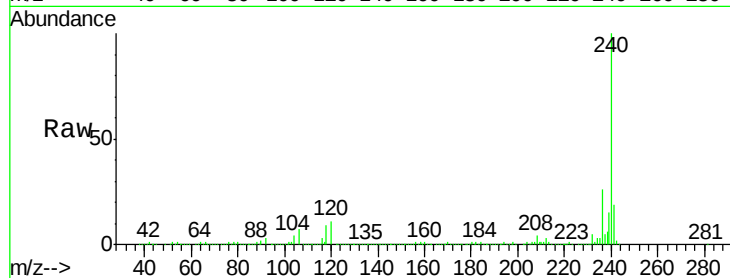
Tgt Ion:240 Resp: 838286

Ion Ratio Lower Upper

240 100

120 10.5 10.6 15.8#

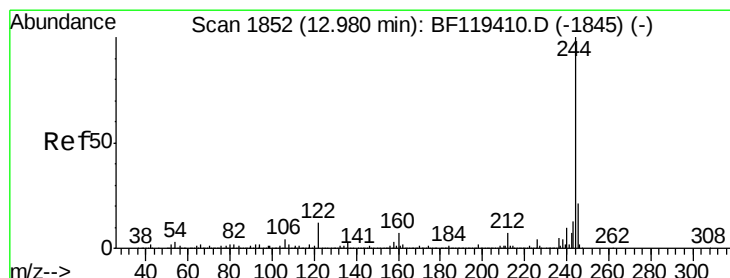
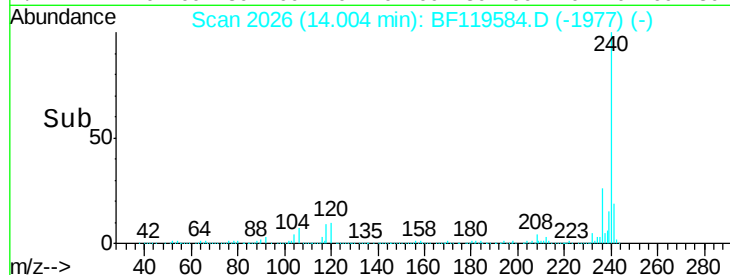
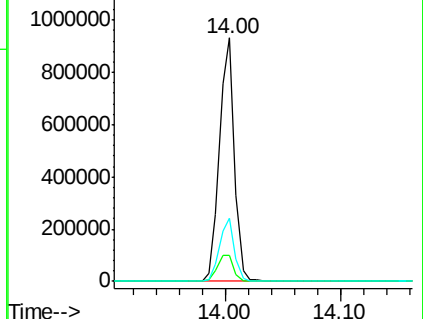
236 25.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 92.10 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

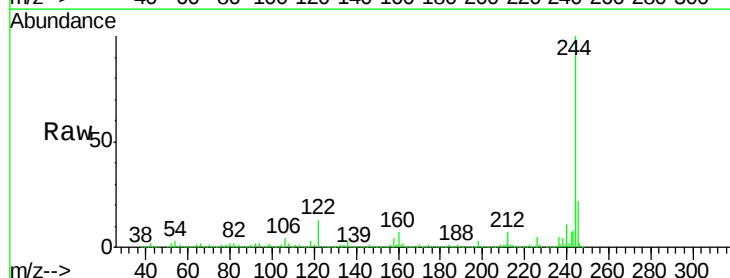
Tgt Ion:244 Resp: 3940671

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

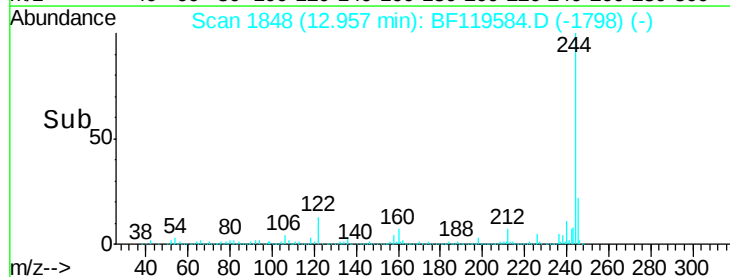
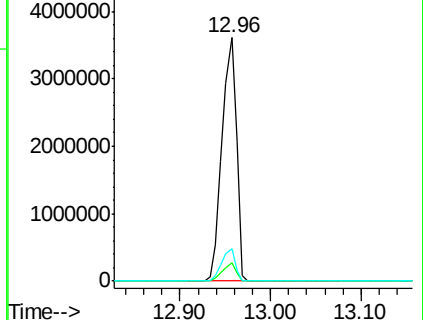
122 13.3 10.3 15.5

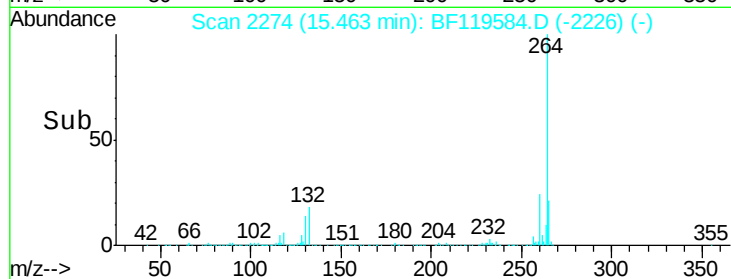
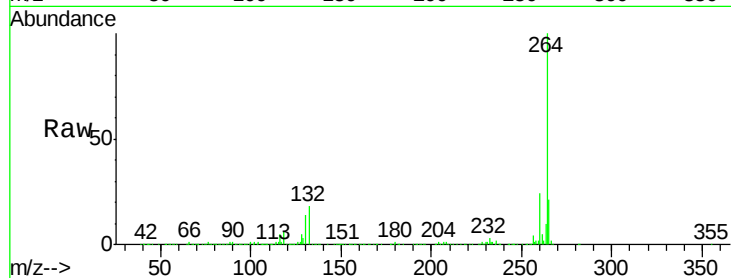
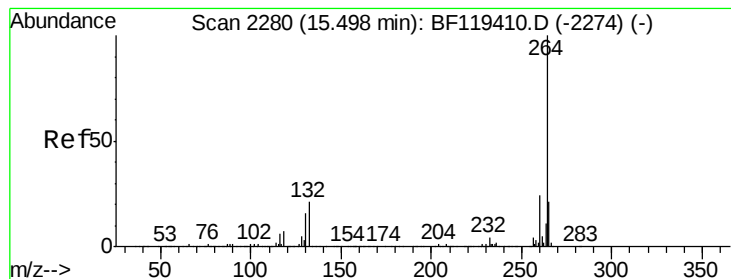


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF119584.D

Acq: 27 Mar 2020 23:11

Instrument :

BNA_F

ClientSampleId :

GW-01-(SB-04)

Tgt Ion:264 Resp: 650546

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.4 17.7 26.5

