

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119587.D
 Acq On : 28 Mar 2020 00:32
 Operator : CG/JU
 Sample : L2048-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1-(DISCHARGE)

Quant Time: Mar 28 03:32:42 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

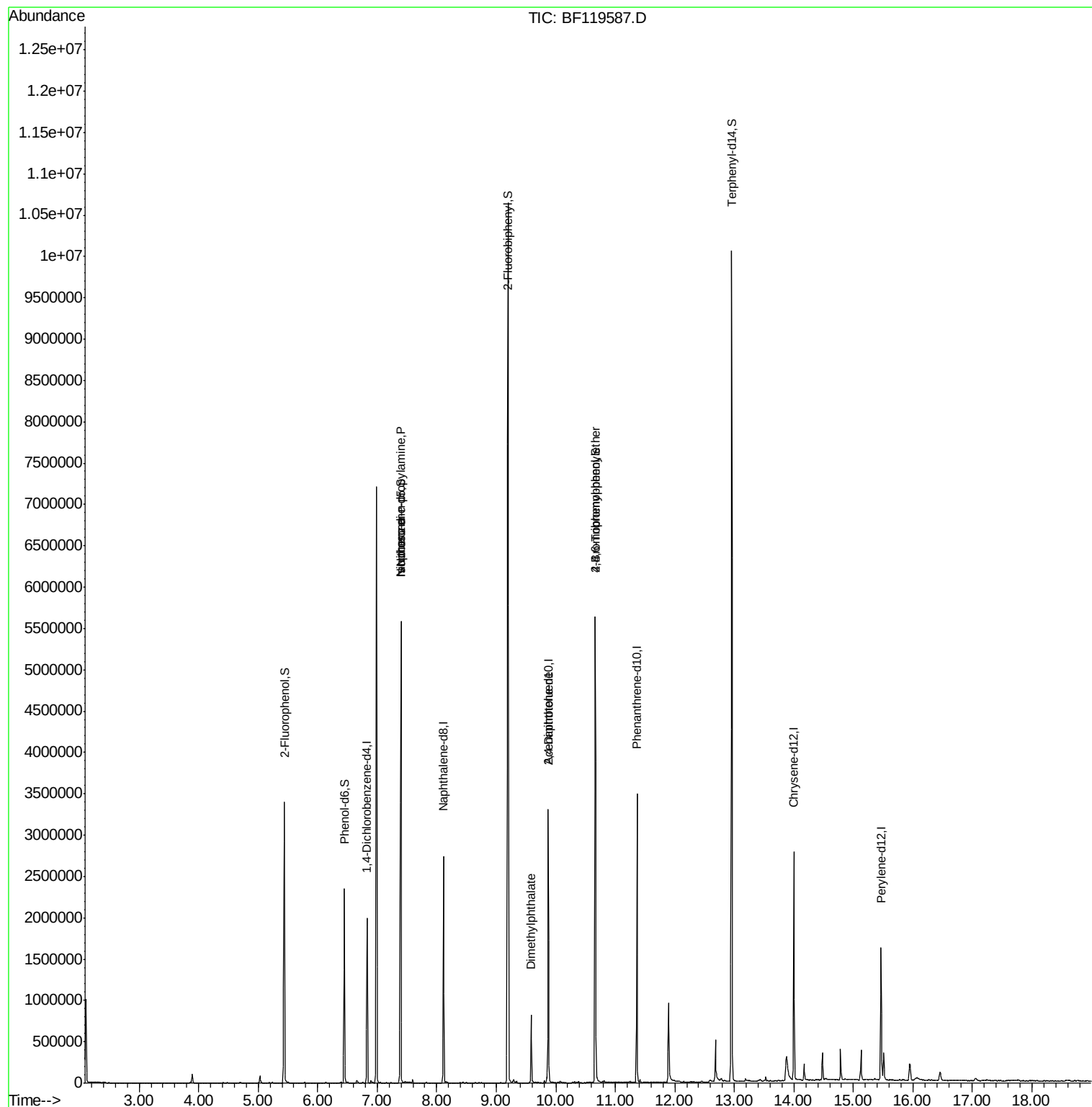
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	299894	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1145238	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	618737	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1218427	20.00	ng	0.00
76) Chrysene-d12	14.00	240	910122	20.00	ng	-0.01
87) Perylene-d12	15.47	264	778945	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	854980	45.38	ng	0.00
7) Phenol-d6	6.45	99	679550	28.24	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1996508	94.75	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	705680	110.55	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3574227	85.58	ng	0.00
79) Terphenyl-d14	12.96	244	3983491	85.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	267083	18.41	ng	# 74
25) Isophorone	7.40	82	1979469	46.31	ng	# 65
50) Dimethylphthalate	9.59	163	311949	7.10	ng	98
57) 2,4-Dinitrotoluene	9.87	165	79681	6.71	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	42891	3.09	ng	# 1

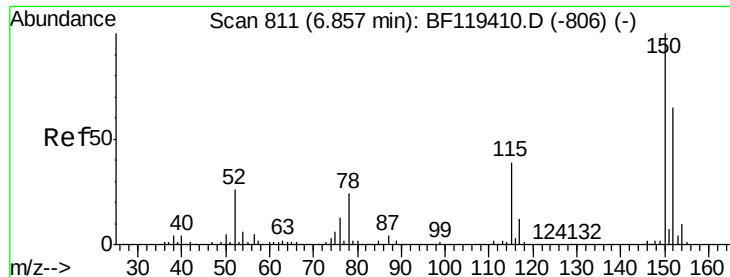
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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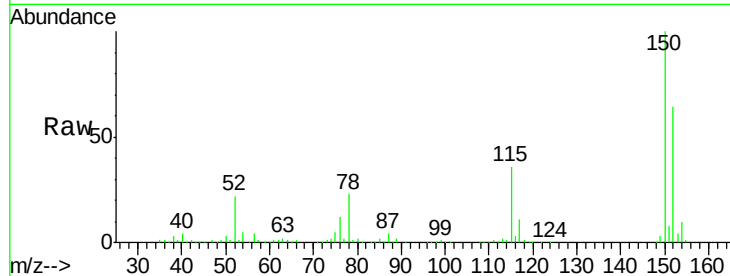


#1

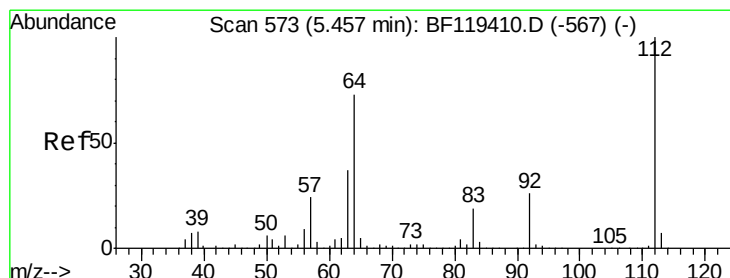
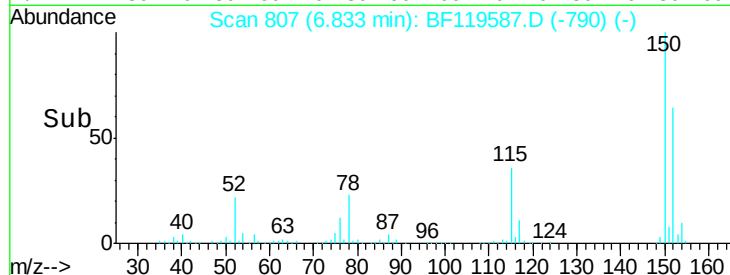
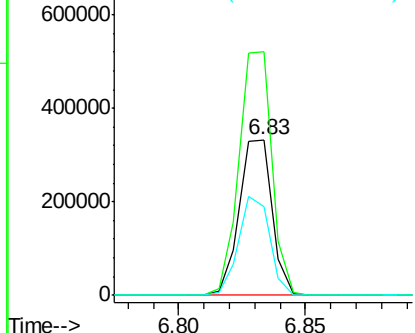
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119587.D
Acq: 28 Mar 2020 00:32

Instrument :
BNA_F
ClientSampleId :
GW-1-(DISCHARGE)

Tgt Ion:152 Resp: 299894
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 56.7 49.6 74.4



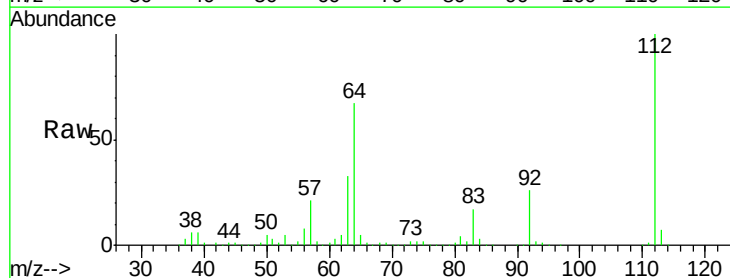
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



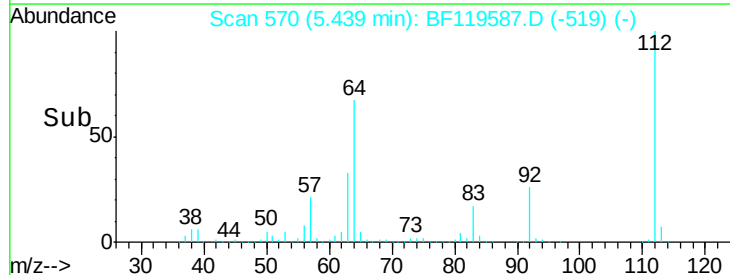
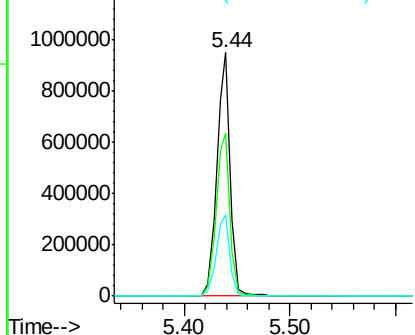
#5

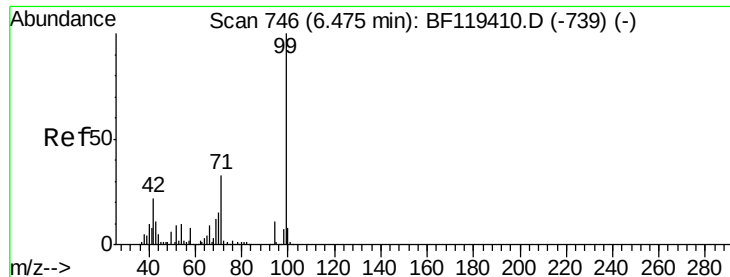
2-Fluorophenol
Concen: 45.38 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF119587.D
Acq: 28 Mar 2020 00:32

Tgt Ion:112 Resp: 854980
Ion Ratio Lower Upper
112 100
64 66.8 56.7 85.1
63 33.3 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: 28.24 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

Instrument :

BNA_F

ClientSampleId :

GW-1-(DISCHARGE)

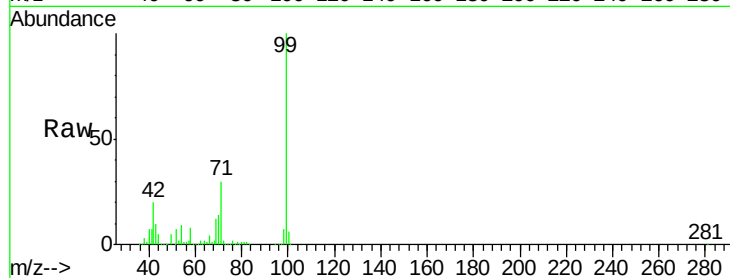
Tgt Ion: 99 Resp: 679550

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

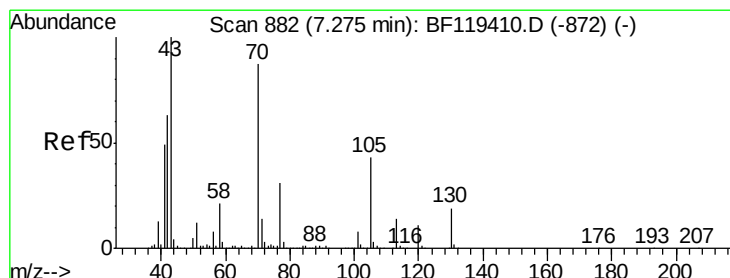
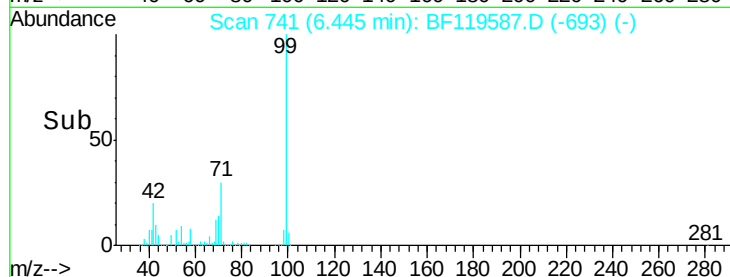
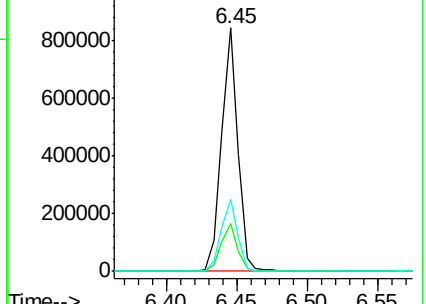
71 29.8 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 18.41 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

Tgt Ion: 70 Resp: 267083

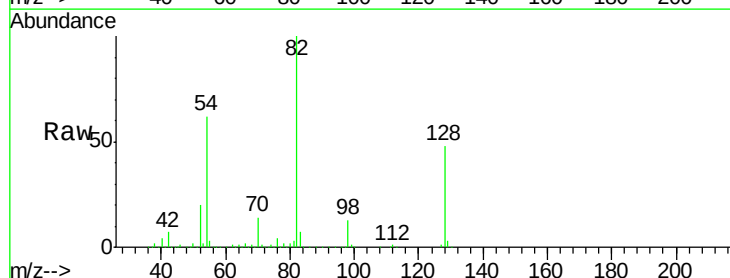
Ion Ratio Lower Upper

70 100

42 51.3 54.5 81.7#

101 0.0 7.6 11.4#

130 2.5 17.6 26.4#

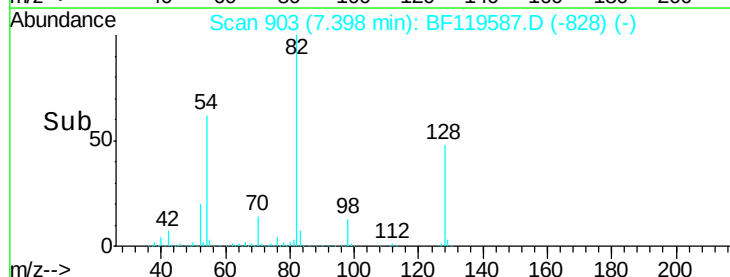
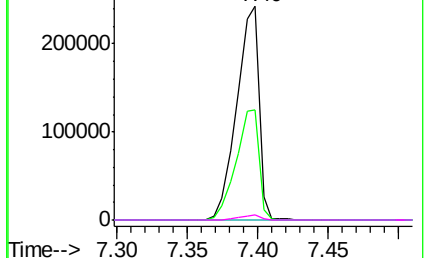


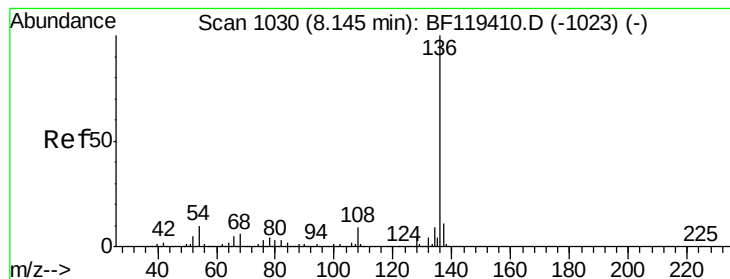
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

Instrument :

BNA_F

ClientSampleId :

GW-1-(DISCHARGE)

Tgt Ion:136 Resp: 1145238

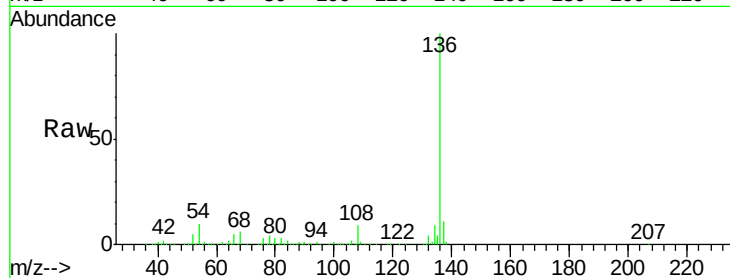
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 10.5 9.1 13.7

68 5.9 4.6 6.8

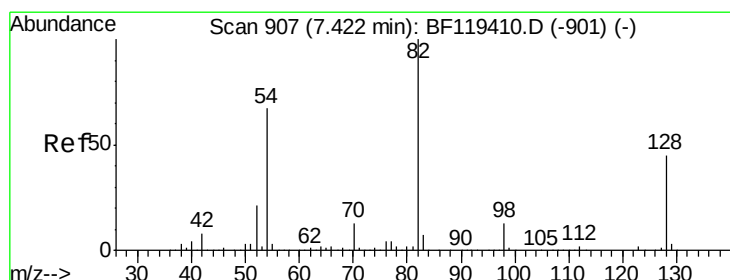
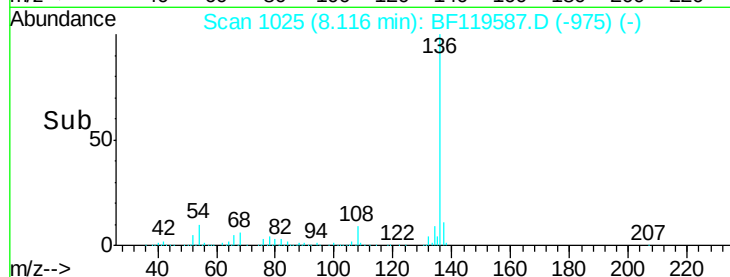
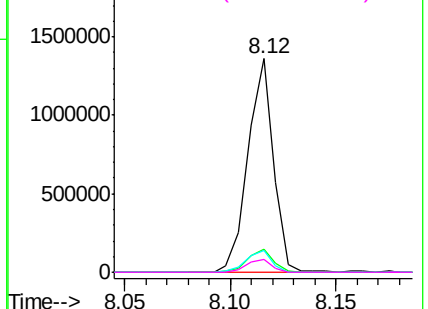


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.75 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

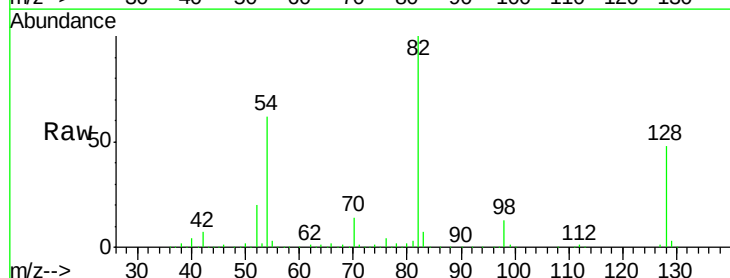
Tgt Ion: 82 Resp: 1996508

Ion Ratio Lower Upper

82 100

128 48.5 36.3 54.5

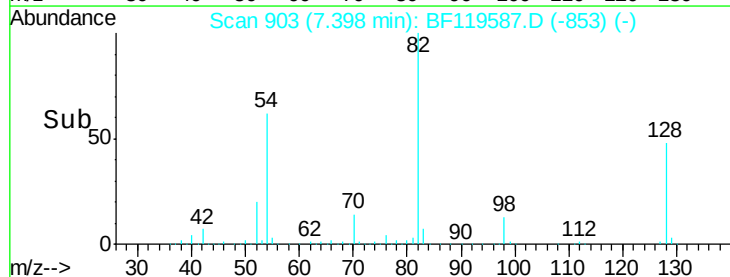
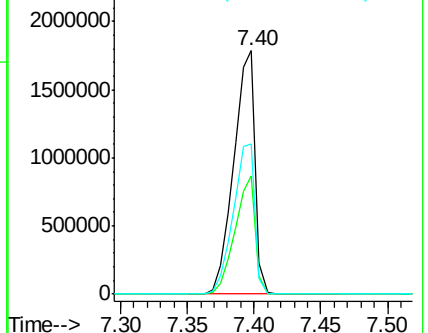
54 61.8 50.6 75.8

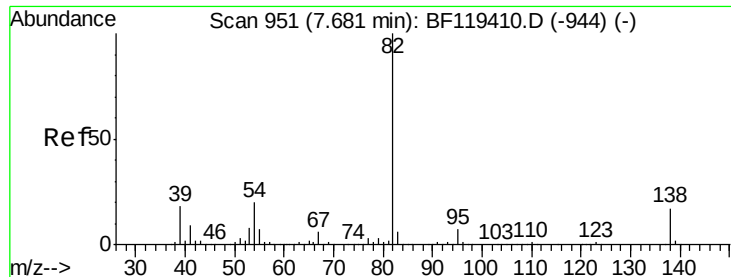


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.31 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

Instrument :

BNA_F

ClientSampleId :

GW-1-(DISCHARGE)

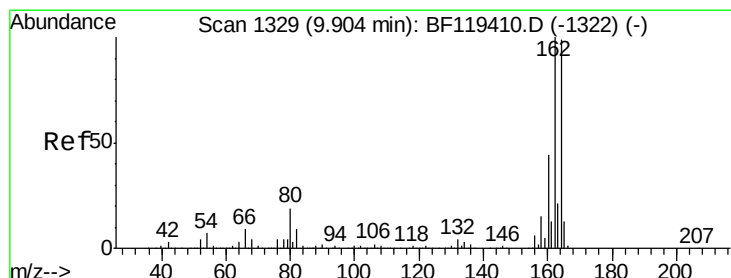
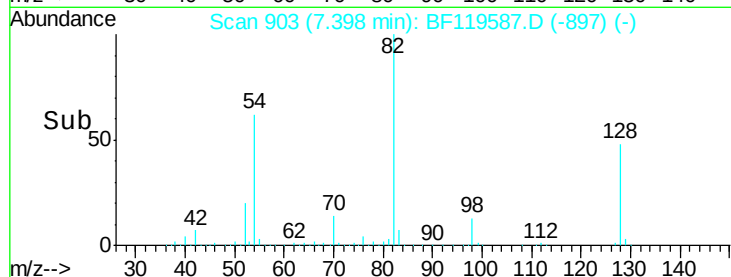
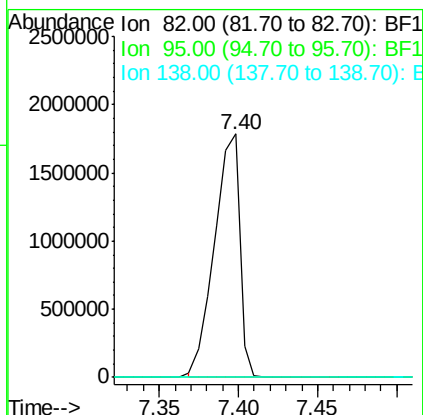
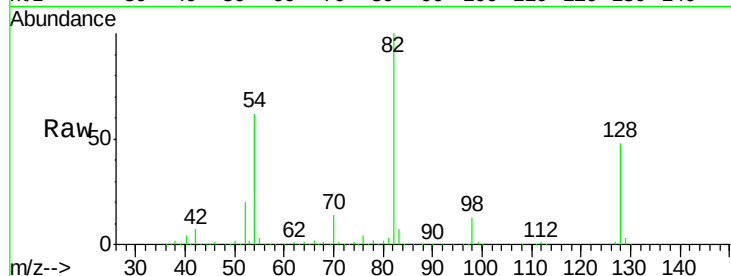
Tgt Ion: 82 Resp: 1979469

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

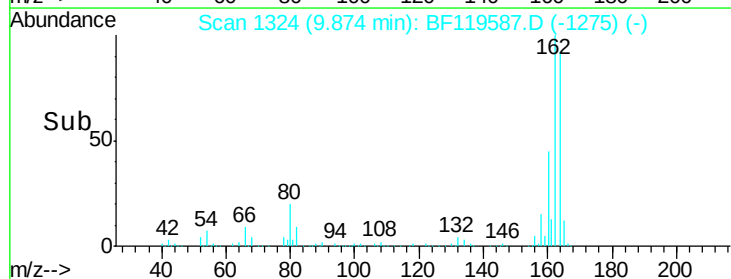
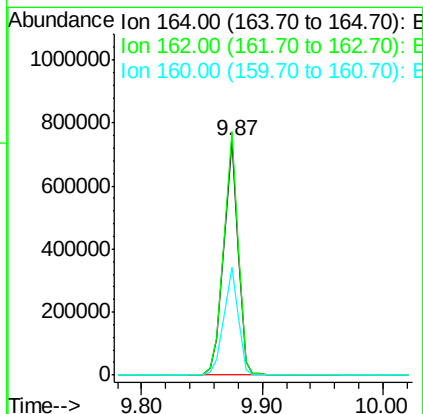
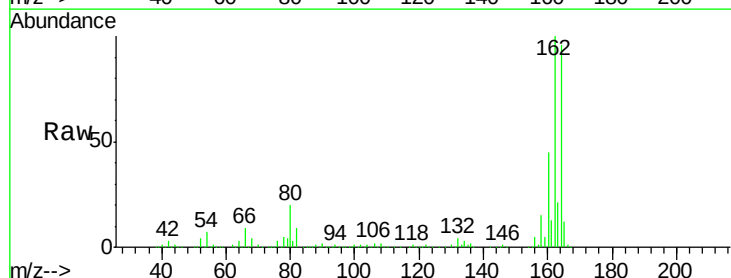
Tgt Ion: 164 Resp: 618737

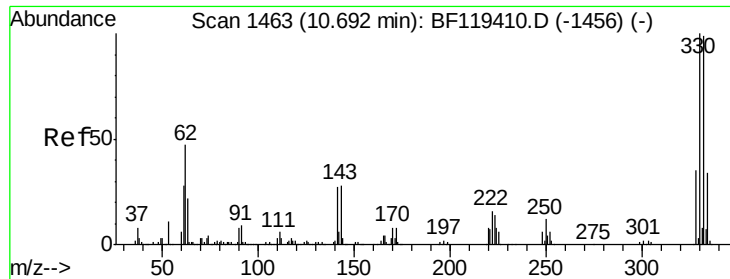
Ion Ratio Lower Upper

164 100

162 104.0 80.6 121.0

160 46.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 110.55 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

Instrument :

BNA_F

ClientSampleId :

GW-1-(DISCHARGE)

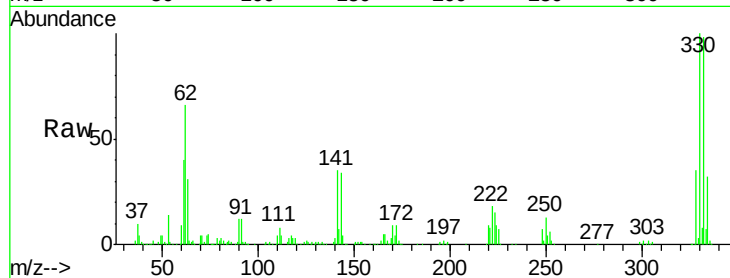
Tgt Ion:330 Resp: 705680

Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

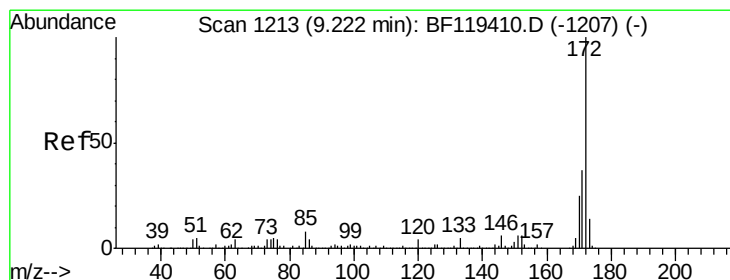
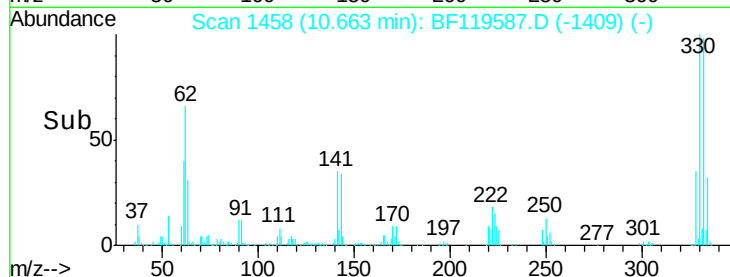
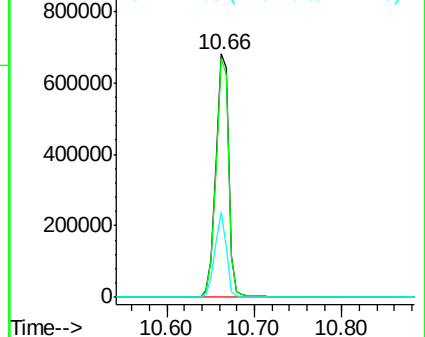
141 31.5 25.4 38.0



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: 85.58 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

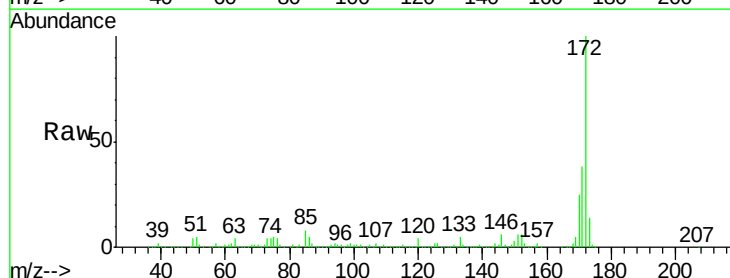
Tgt Ion:172 Resp: 3574227

Ion Ratio Lower Upper

172 100

171 37.9 29.6 44.4

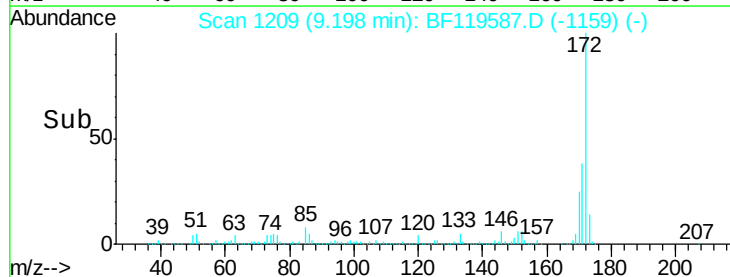
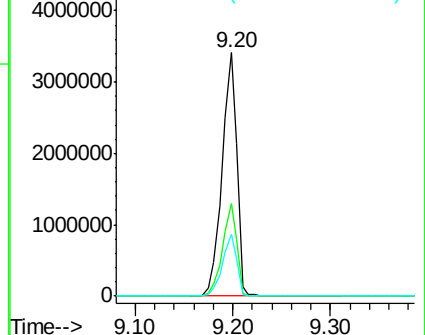
170 25.5 20.2 30.2

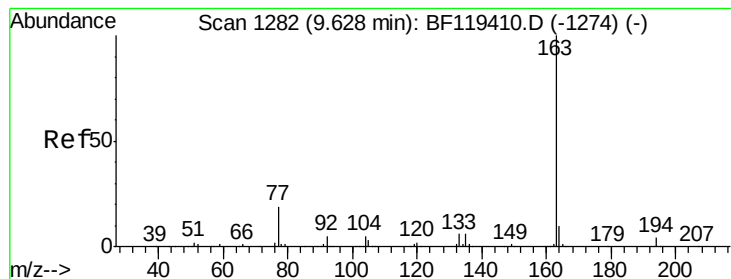


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.10 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119587.D

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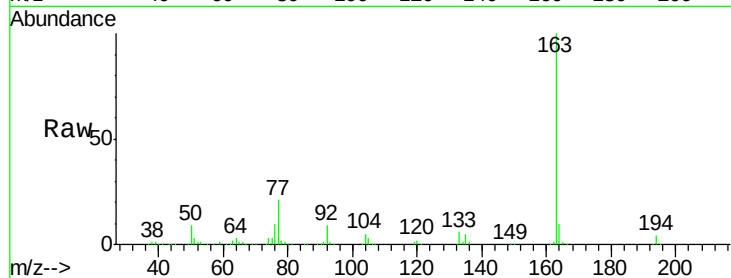
Tgt Ion:163 Resp: 311949

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

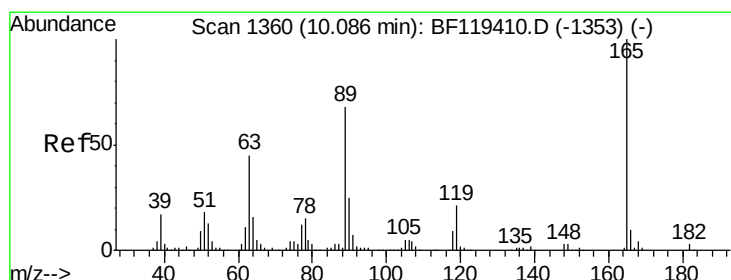
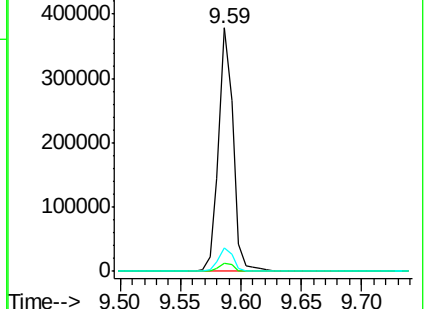
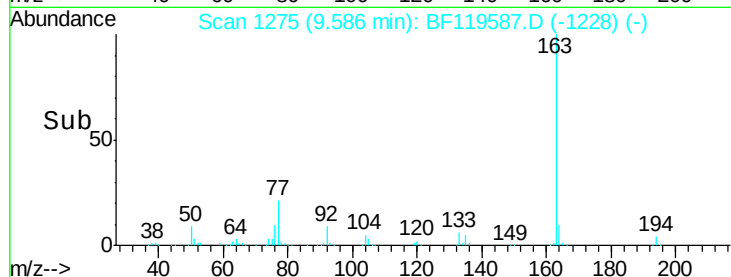
164 9.5 8.2 12.2



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: 6.71 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

Tgt Ion:165 Resp: 79681

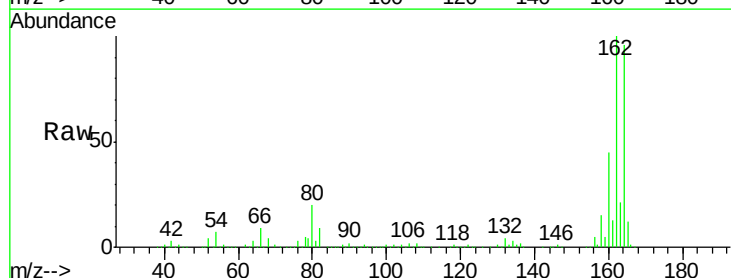
Ion Ratio Lower Upper

165 100

63 1.0 42.6 64.0#

89 1.4 61.0 91.4#

182 0.0 2.2 3.2#

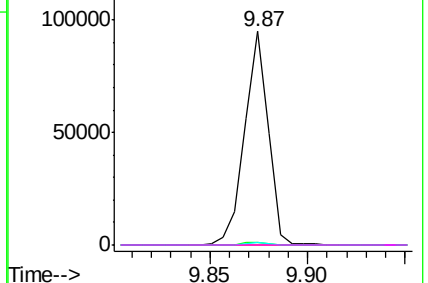
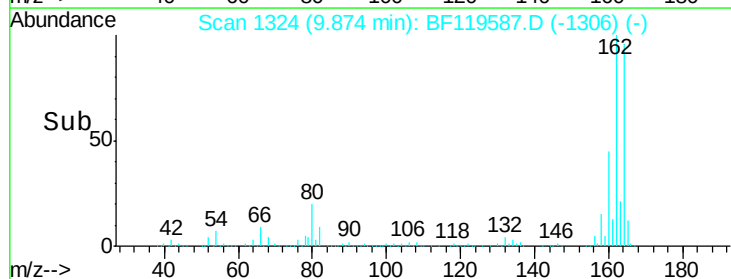


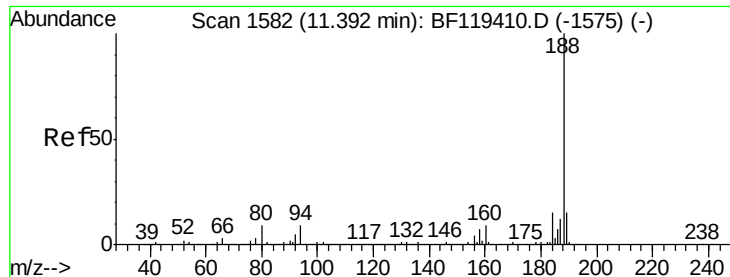
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119587.D

Acq: 28 Mar 2020 00:32

Instrument :

BNA_F

ClientSampleId :

GW-1-(DISCHARGE)

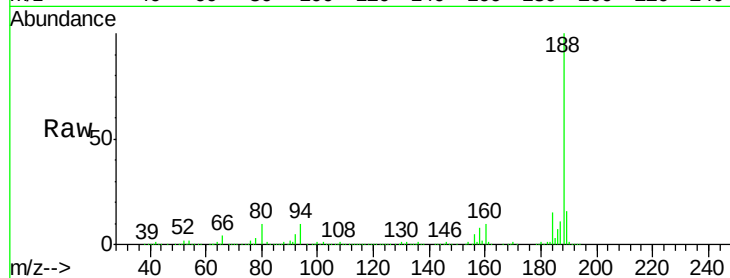
Tgt Ion:188 Resp: 1218427

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

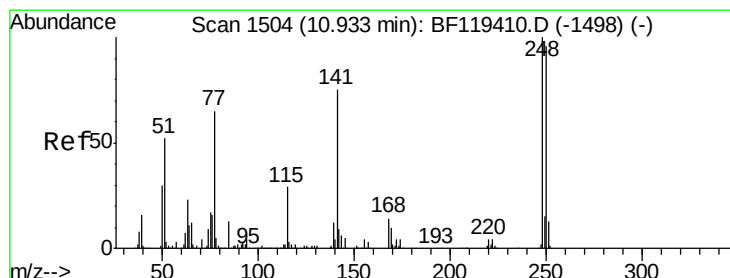
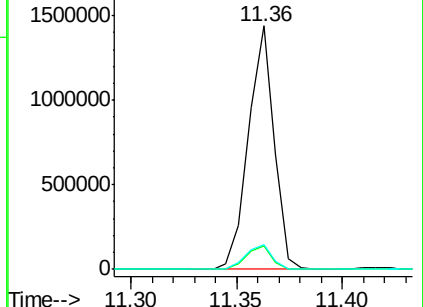
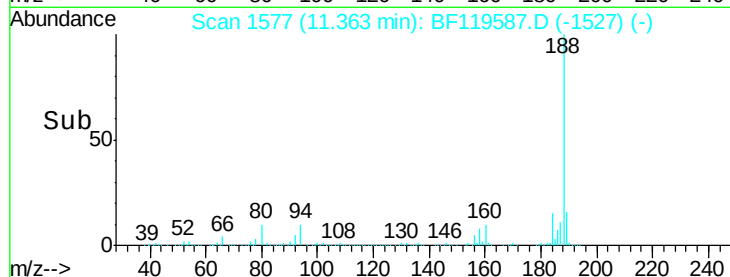
80 10.2 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 3.09 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

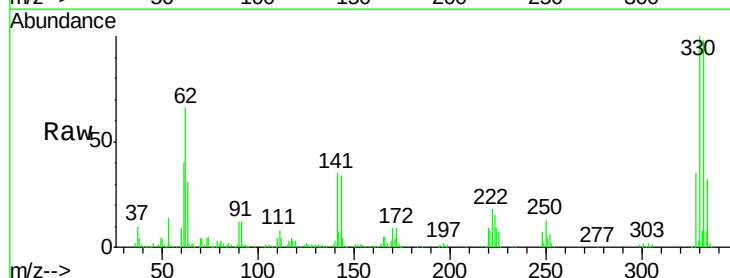
Tgt Ion:248 Resp: 42891

Ion Ratio Lower Upper

248 100

250 194.6 77.3 115.9#

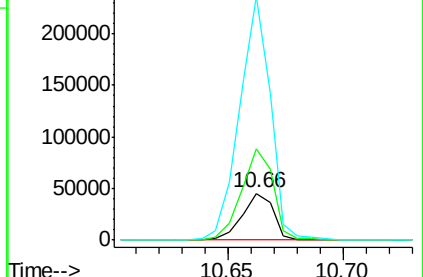
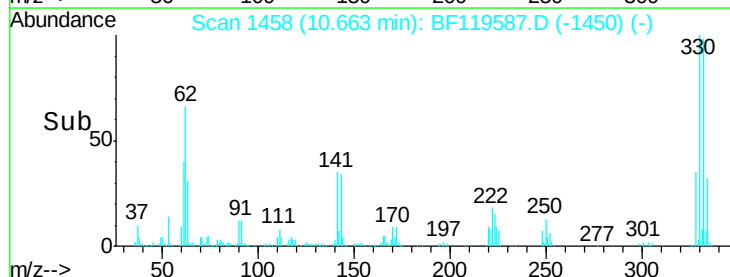
141 519.5 58.6 87.8#

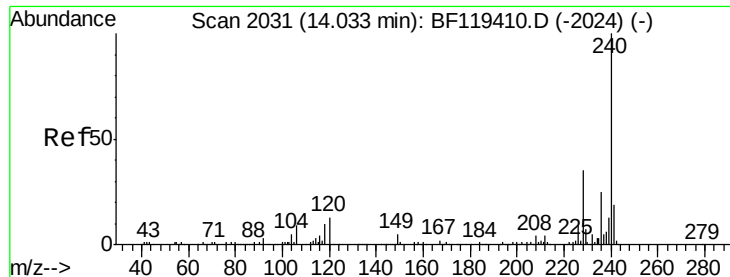


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

Instrument :

BNA_F

ClientSampleId :

GW-1-(DISCHARGE)

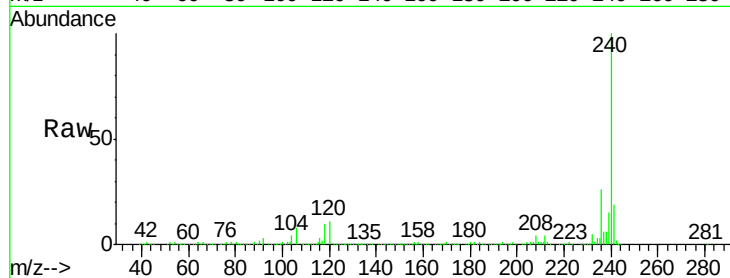
Tgt Ion:240 Resp: 910122

Ion Ratio Lower Upper

240 100

120 10.7 10.6 15.8

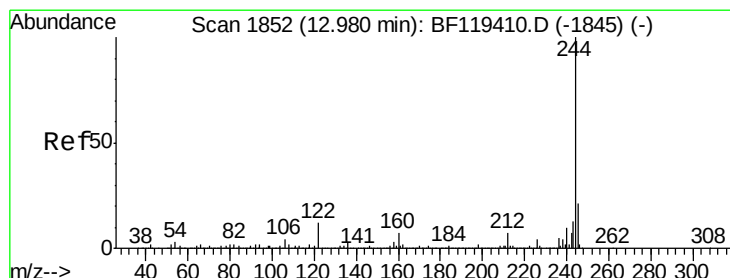
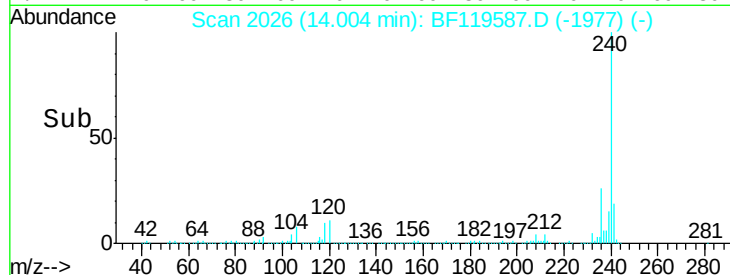
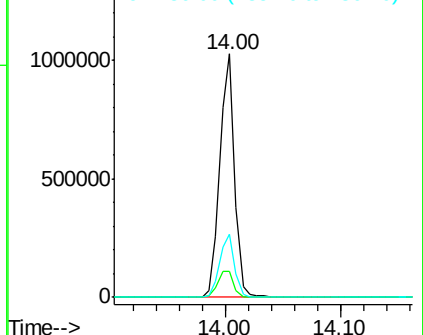
236 25.8 20.2 30.2



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: 85.75 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119587.D

Acq: 28 Mar 2020 00:32

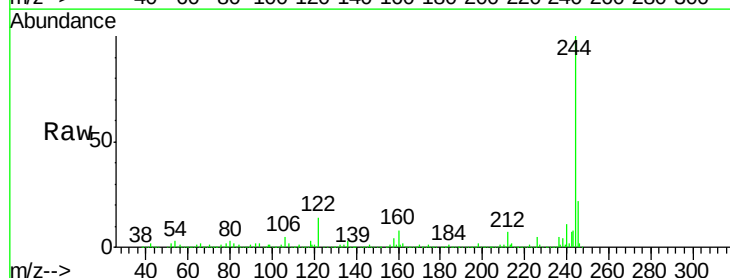
Tgt Ion:244 Resp: 3983491

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

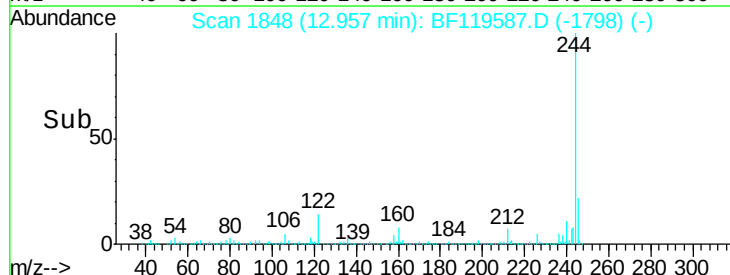
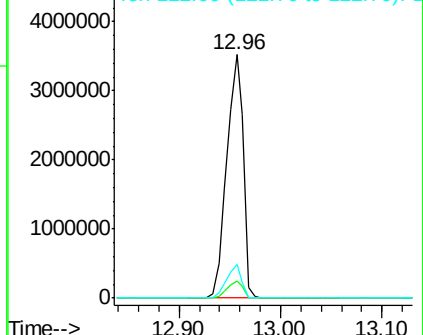
122 14.0 10.3 15.5

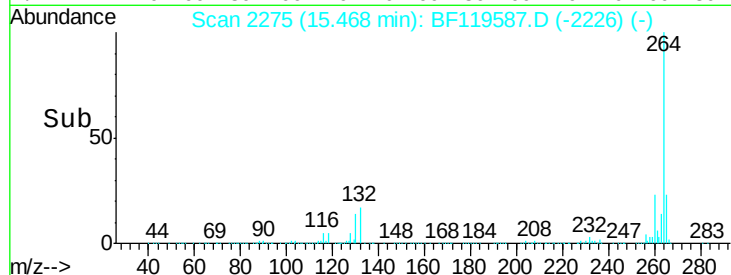
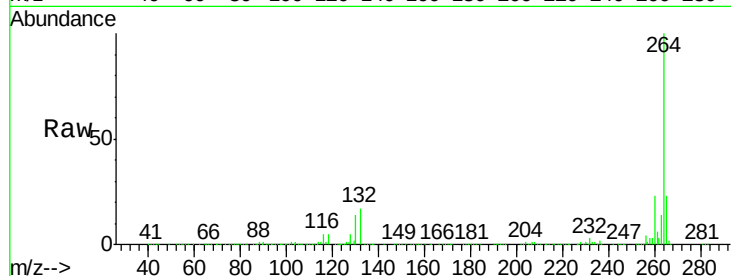
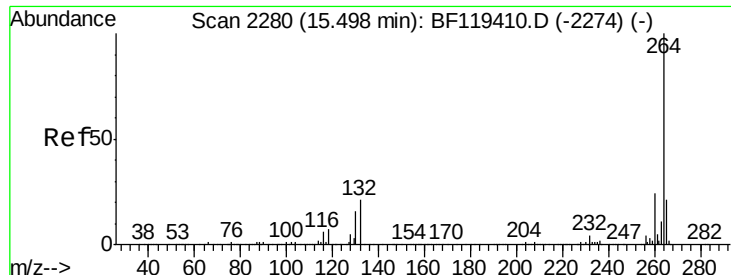


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119587.D
Acq: 28 Mar 2020 00:32

Instrument :
BNA_F
ClientSampleId :
GW-1-(DISCHARGE)

Tgt Ion:	264	Resp:	778945
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.6	17.7	26.5

