

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119582.D
 Acq On : 27 Mar 2020 22:17
 Operator : CG/JU
 Sample : L2048-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Quant Time: Mar 28 03:31:57 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

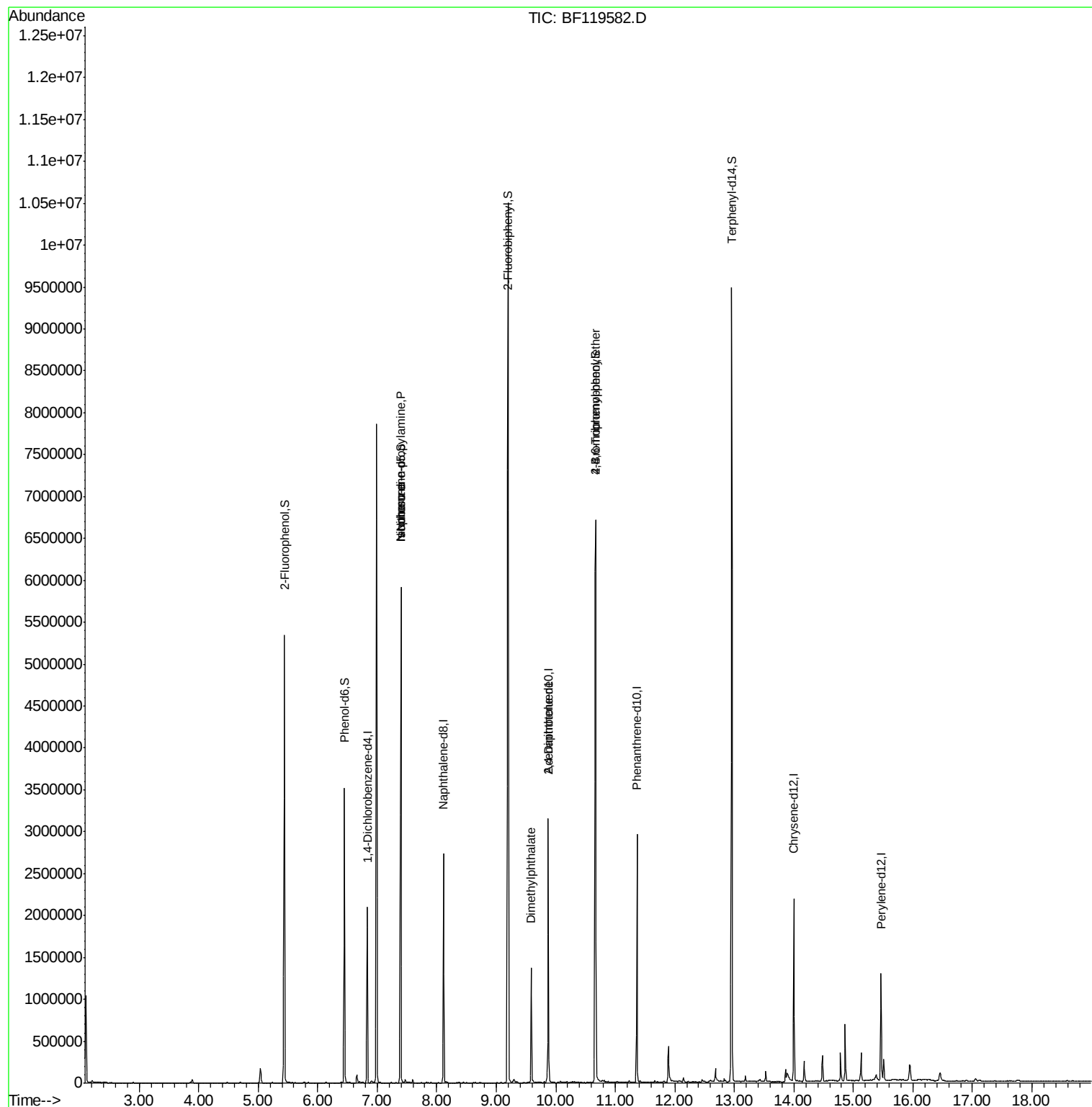
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	304547	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1115923	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	595202	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1033898	20.00	ng	0.00
76) Chrysene-d12	14.00	240	743401	20.00	ng	-0.01
87) Perylene-d12	15.46	264	599610	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1398411	73.10	ng	0.00
7) Phenol-d6	6.45	99	1186571	48.55	ng	-0.01
23) Nitrobenzene-d5	7.40	82	2008405	97.81	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	919788	149.79	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3586225	89.26	ng	0.00
79) Terphenyl-d14	12.96	244	3738493	98.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	266792	18.11	ng	# 73
25) Isophorone	7.40	82	1993450	47.86	ng	# 65
50) Dimethylphthalate	9.59	163	521432	12.33	ng	100
57) 2,4-Dinitrotoluene	9.87	165	78910	6.91	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	56068	4.76	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: BF119582.D

Acq: 27 Mar 2020 22:17

Instrument :

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ClientSampleId :

GW-3

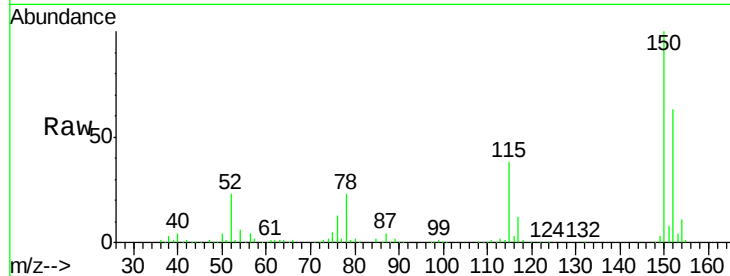
Tgt Ion:152 Resp: 304547

Ion Ratio Lower Upper

152 100

150 158.9 124.5 186.7

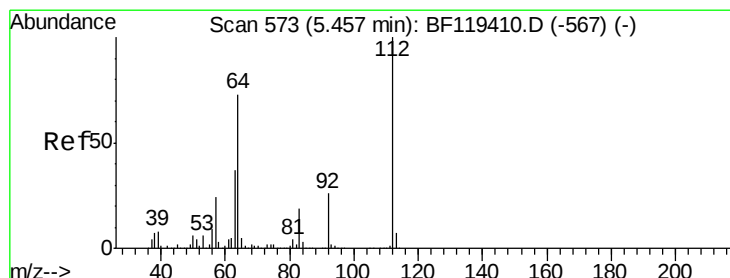
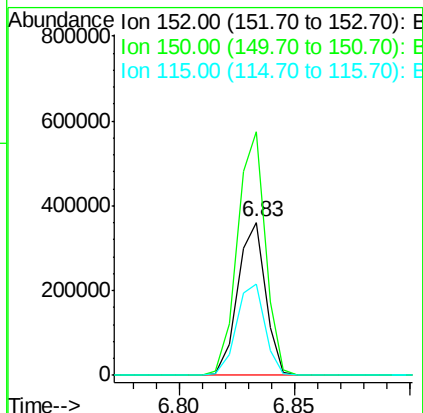
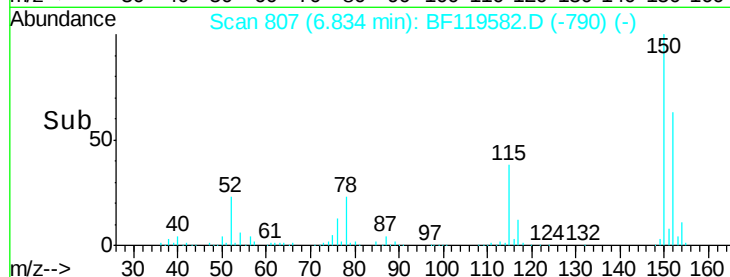
115 60.0 49.6 74.4



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: 73.10 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF119582.D

Acq: 27 Mar 2020 22:17

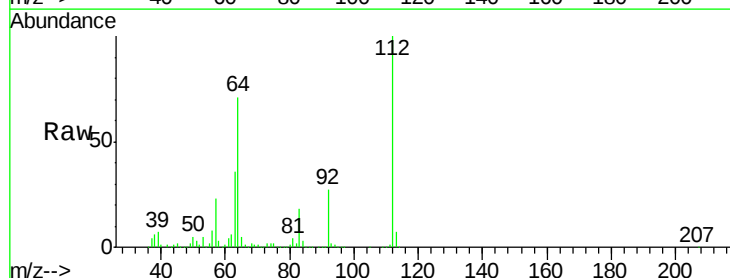
Tgt Ion:112 Resp: 1398411

Ion Ratio Lower Upper

112 100

64 70.6 56.7 85.1

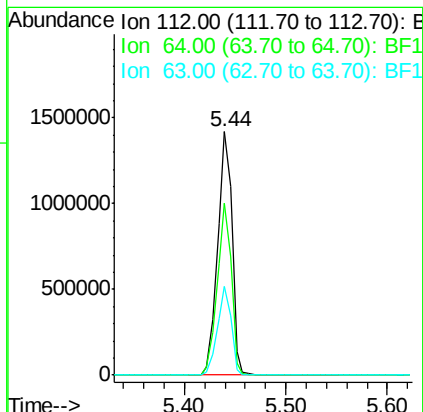
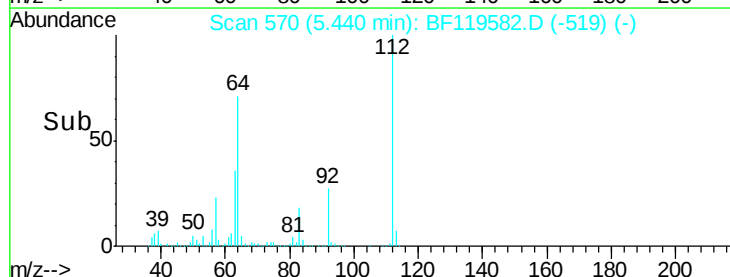
63 36.2 29.5 44.3

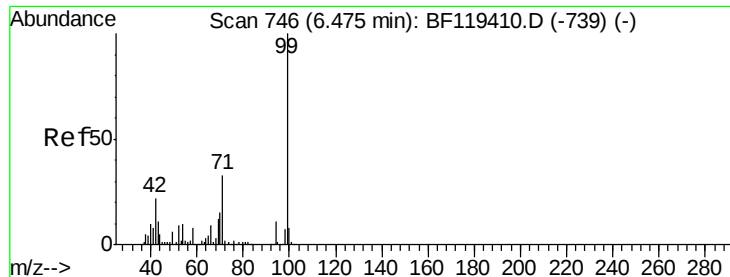


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 48.55 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119582.D

Acq: 27 Mar 2020 22:17

Instrument :

BNA_F

ClientSampleId :

GW-3

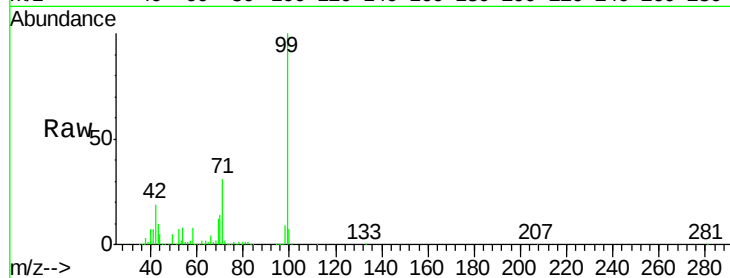
Tgt Ion: 99 Resp: 1186571

Ion Ratio Lower Upper

99 100

42 18.9 16.6 24.8

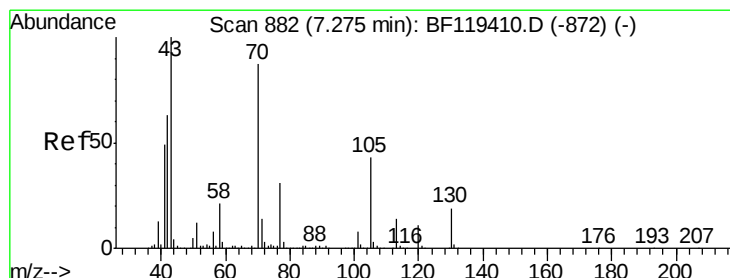
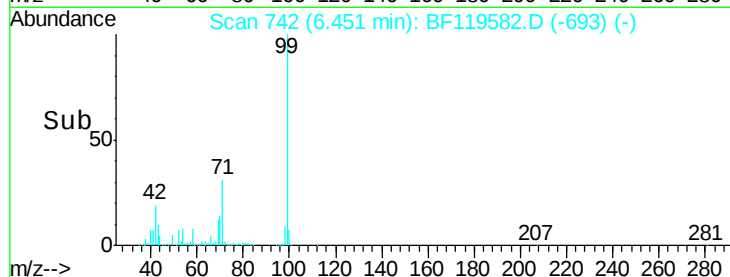
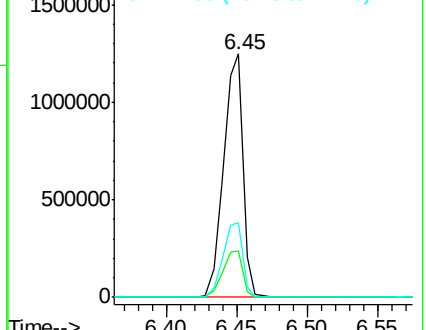
71 30.7 26.4 39.6



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: 18.11 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119582.D

Acq: 27 Mar 2020 22:17

Tgt Ion: 70 Resp: 266792

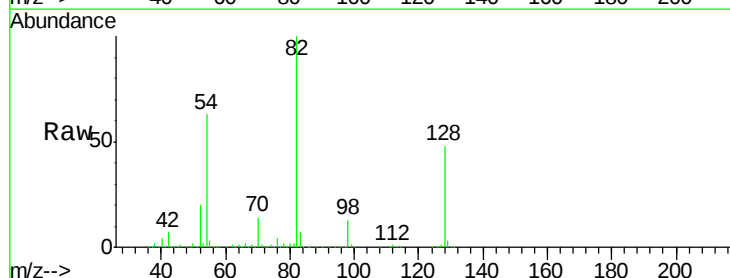
Ion Ratio Lower Upper

70 100

42 49.6 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

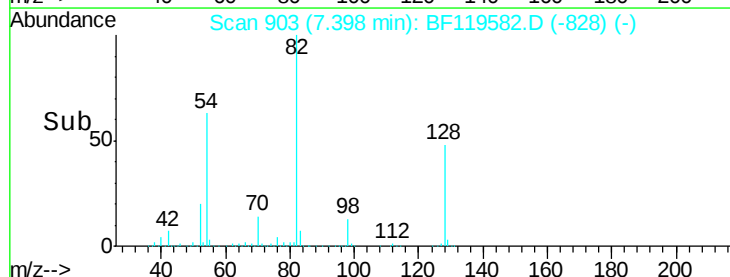
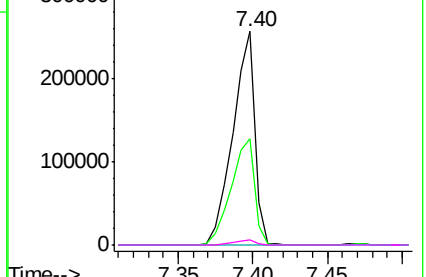


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF119582.D

Acq: 27 Mar 2020 22:17

Instrument :

BNA_F

ClientSampleId :

GW-3

Tgt Ion:136 Resp: 1115923

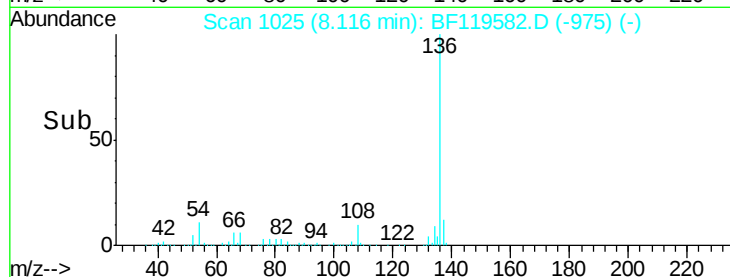
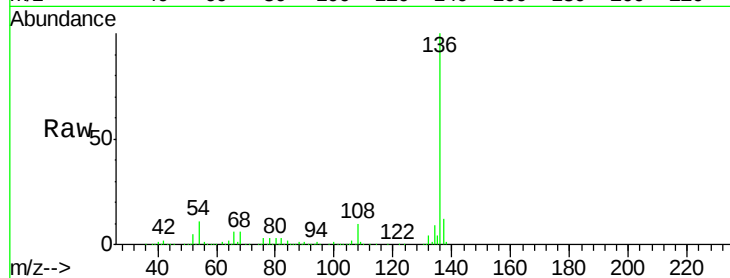
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.6 9.1 13.7

68 6.1 4.6 6.8

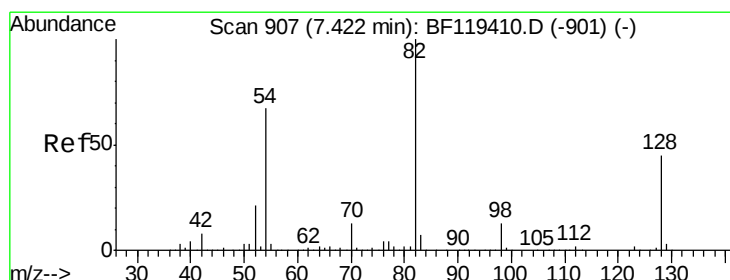
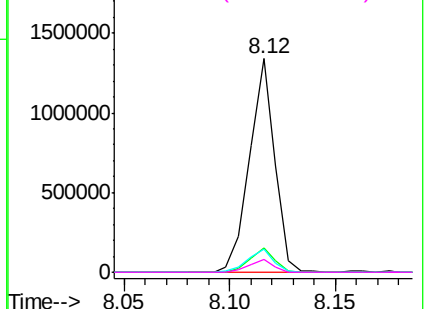


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.81 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119582.D

Acq: 27 Mar 2020 22:17

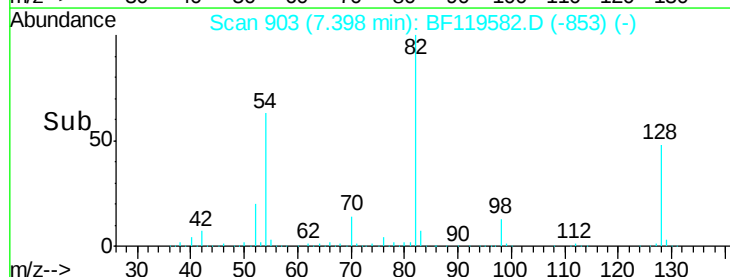
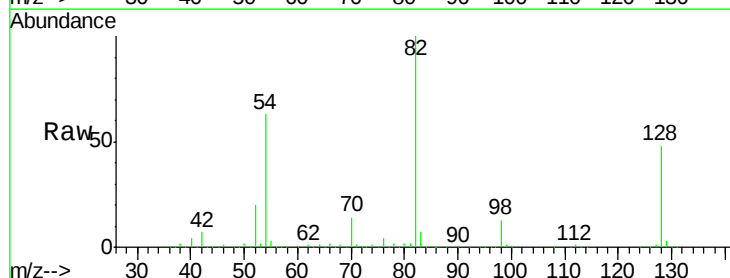
Tgt Ion: 82 Resp: 2008405

Ion Ratio Lower Upper

82 100

128 47.5 36.3 54.5

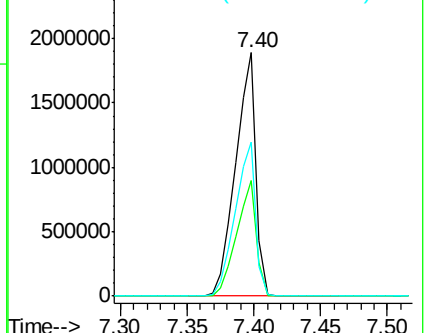
54 63.1 50.6 75.8

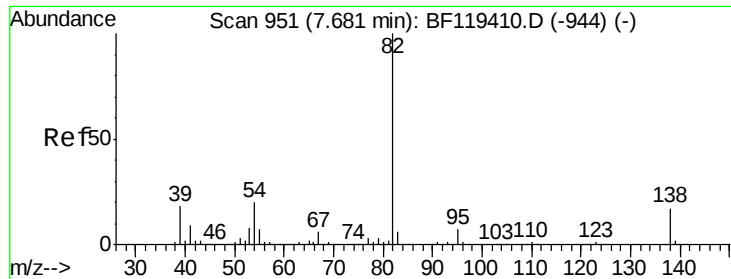


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.86 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119582.D

Acq: 27 Mar 2020 22:17

Instrument :

BNA_F

ClientSampled :

GW-3

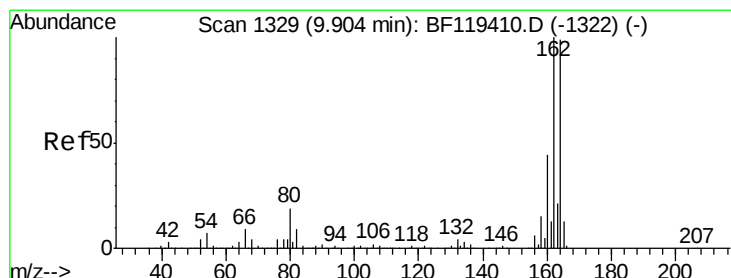
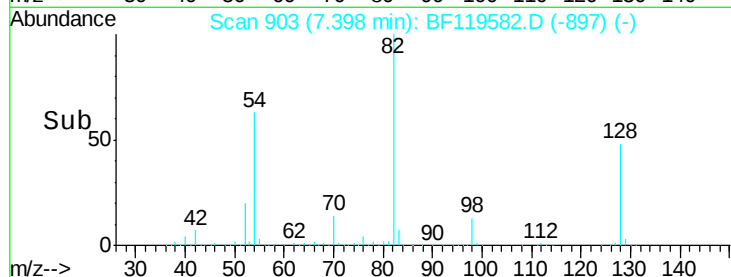
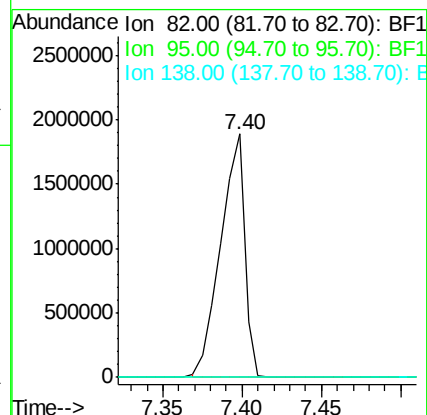
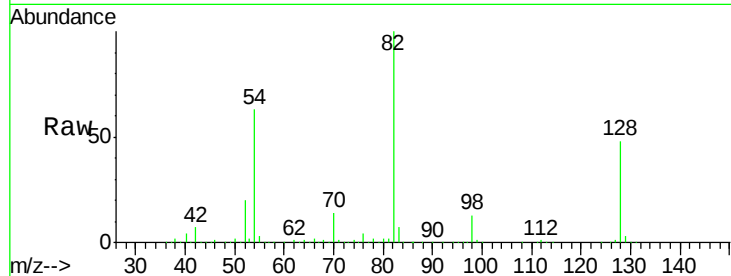
Tgt Ion: 82 Resp: 1993450

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: BF119582.D

Acq: 27 Mar 2020 22:17

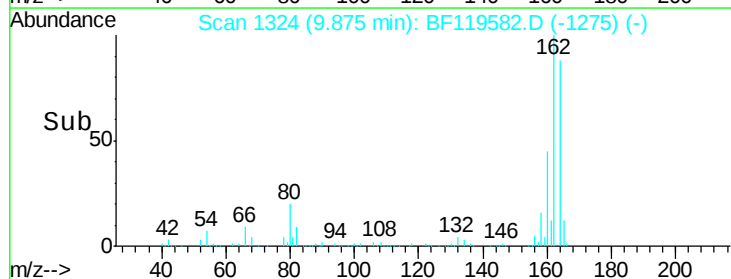
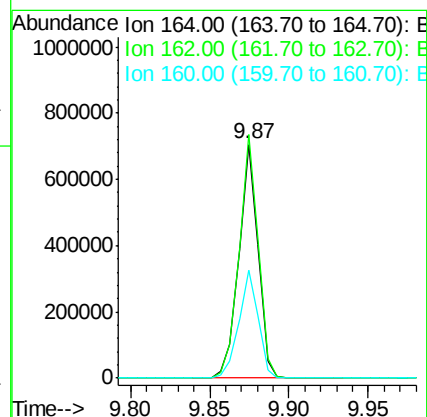
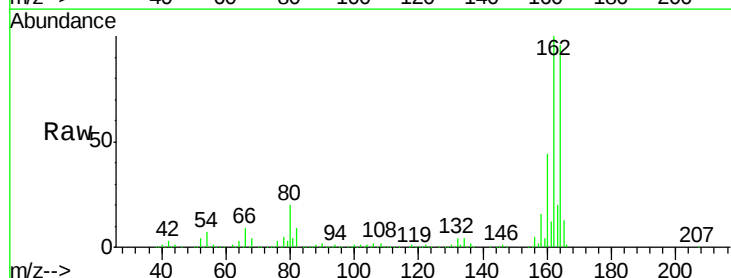
Tgt Ion: 164 Resp: 595202

Ion Ratio Lower Upper

164 100

162 104.2 80.6 121.0

160 46.1 35.7 53.5

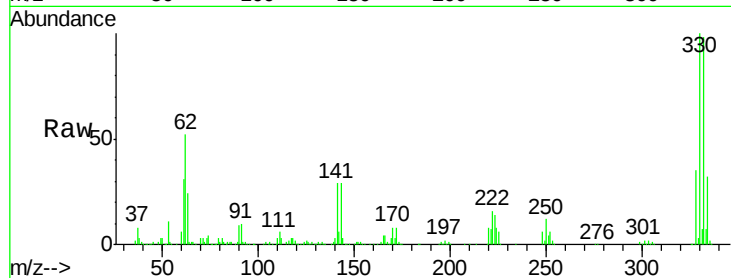




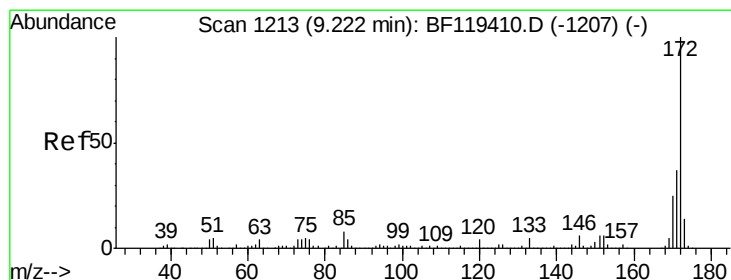
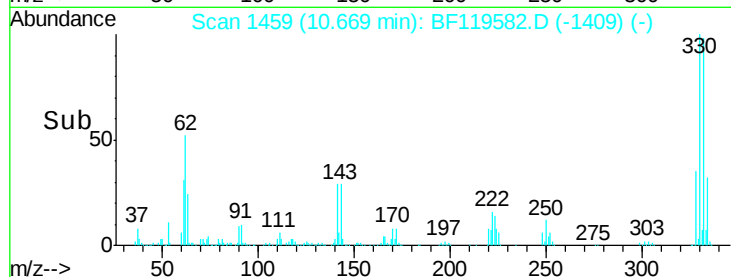
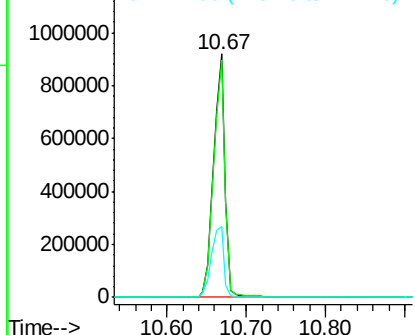
#42
 2,4,6-Tribromophenol
 Concen: 149.79 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119582.D
 Acq: 27 Mar 2020 22:17

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Tgt Ion:330 Resp: 919788
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.7 113.5
 141 31.9 25.4 38.0

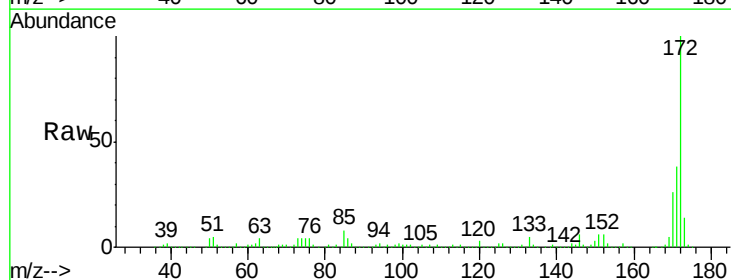


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

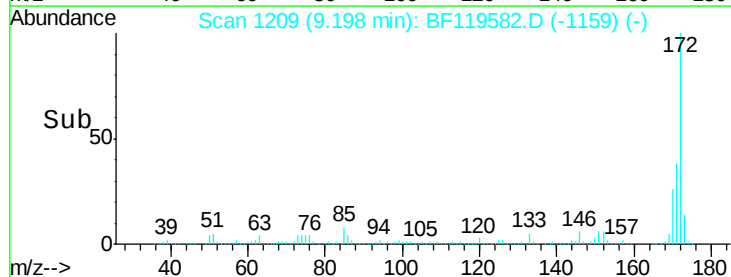
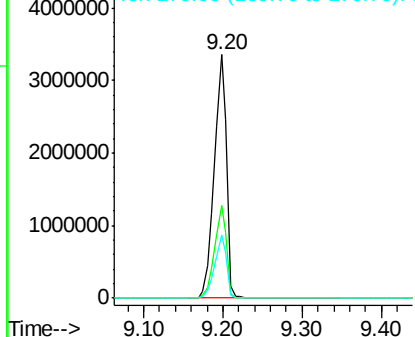


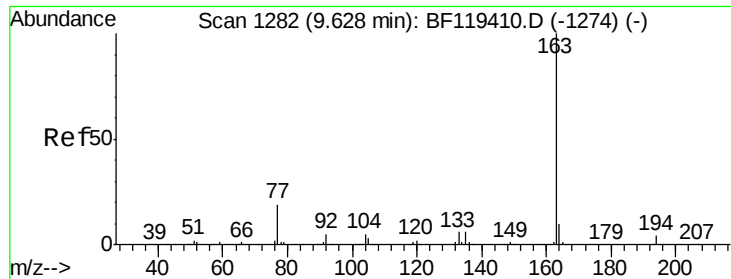
#45
 2-Fluorobiphenyl
 Concen: 89.26 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119582.D
 Acq: 27 Mar 2020 22:17

Tgt Ion:172 Resp: 3586225
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.6 44.4
 170 25.7 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

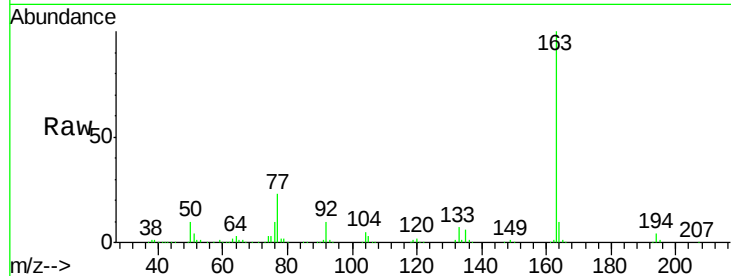




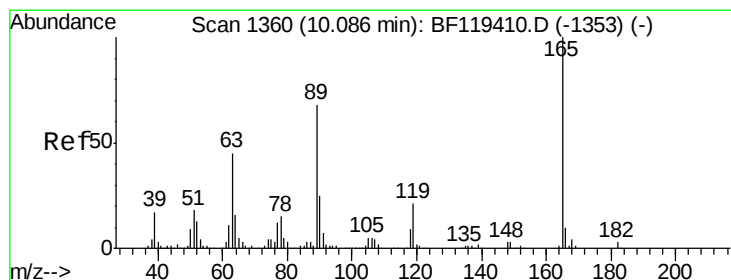
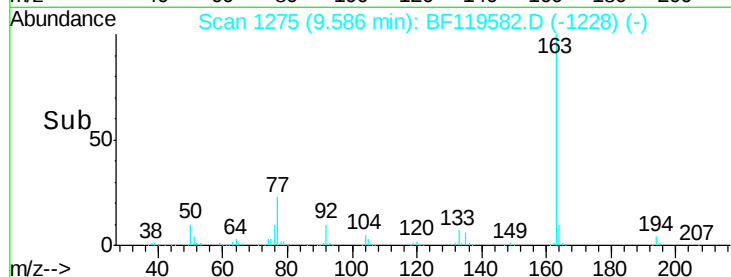
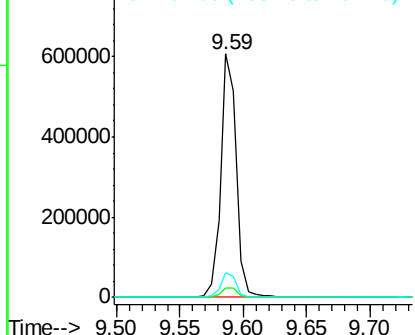
#50
Dimethylphthalate
Concen: 12.33 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119582.D
Acq: 27 Mar 2020 22:17

Instrument :
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ClientSampleId :
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Tgt Ion:163 Resp: 521432
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.3 8.2 12.2

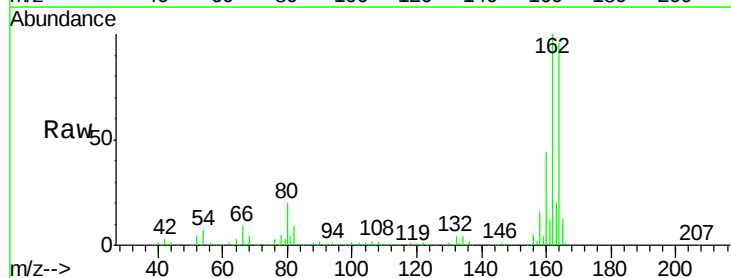


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

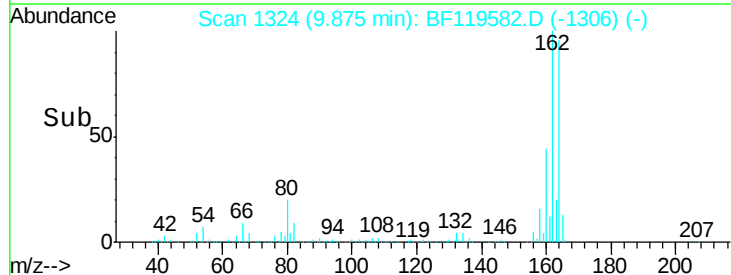
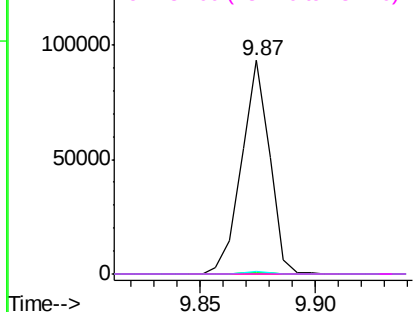


#57
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119582.D
Acq: 27 Mar 2020 22:17

Tgt Ion:165 Resp: 78910
Ion Ratio Lower Upper
165 100
63 0.9 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: BF119582.D

Acq: 27 Mar 2020 22:17

Instrument :

BNA_F

ClientSampleId :

GW-3

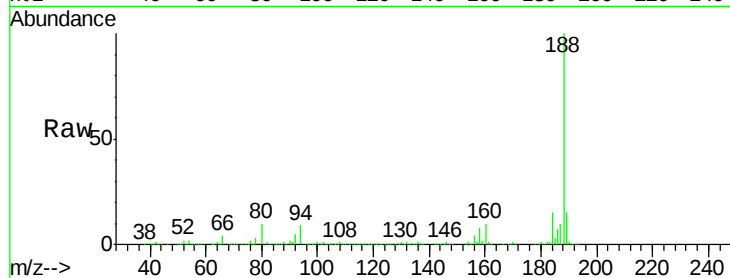
Tgt Ion:188 Resp: 1033898

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

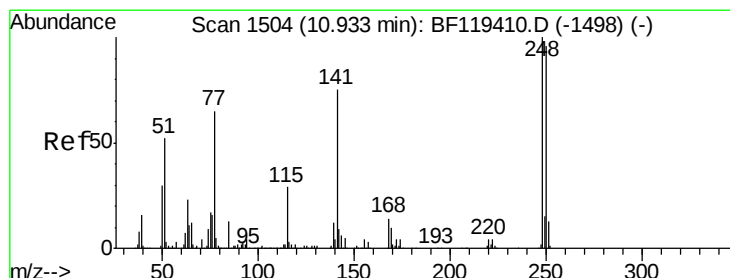
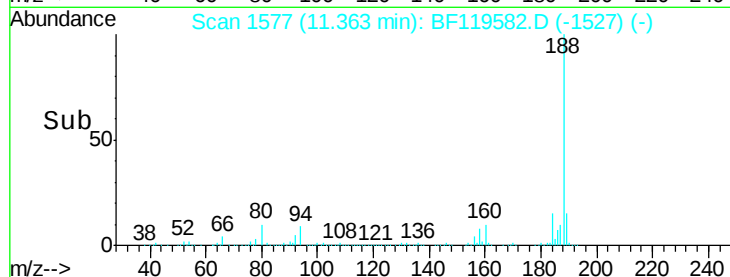
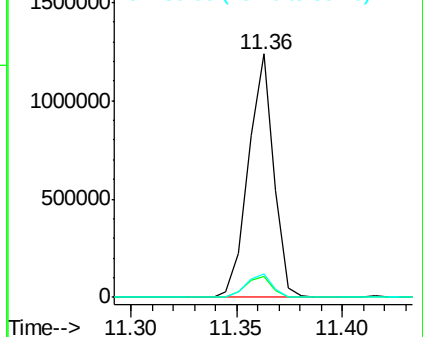
80 9.6 9.0 13.4



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: 4.76 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119582.D

Acq: 27 Mar 2020 22:17

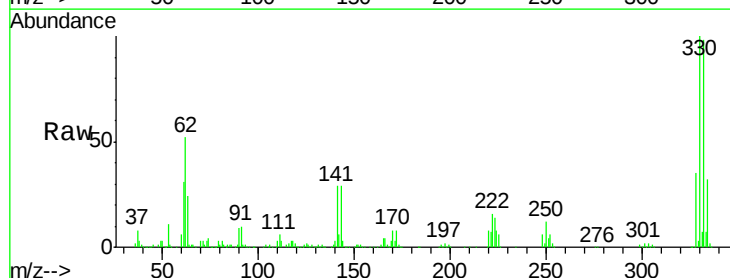
Tgt Ion:248 Resp: 56068

Ion Ratio Lower Upper

248 100

250 203.1 77.3 115.9#

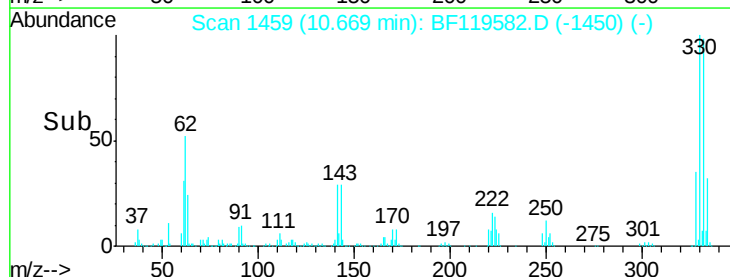
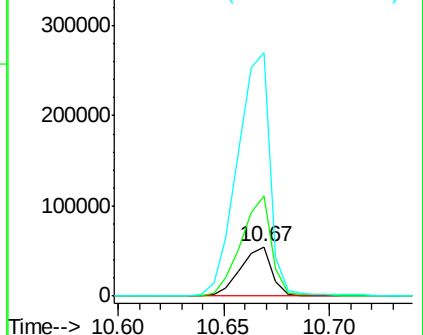
141 495.7 58.6 87.8#

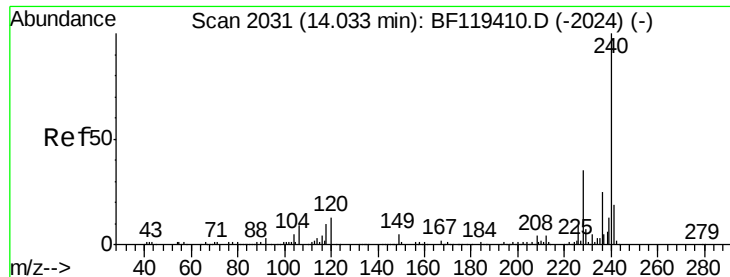


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF119582.D

Acq: 27 Mar 2020 22:17

Instrument :

BNA_F

ClientSampleId :

GW-3

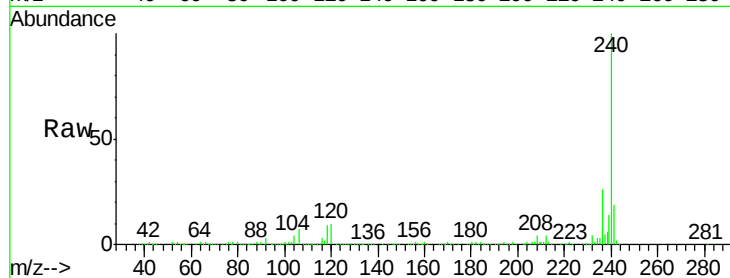
Tgt Ion:240 Resp: 743401

Ion Ratio Lower Upper

240 100

120 10.5 10.6 15.8#

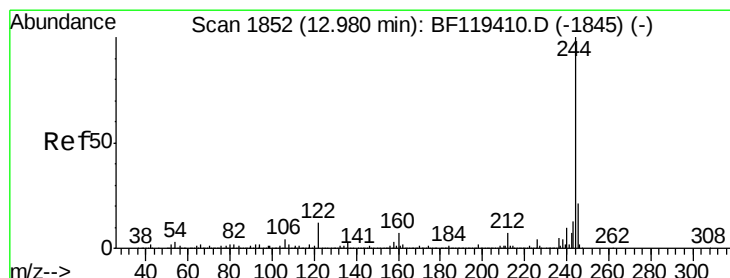
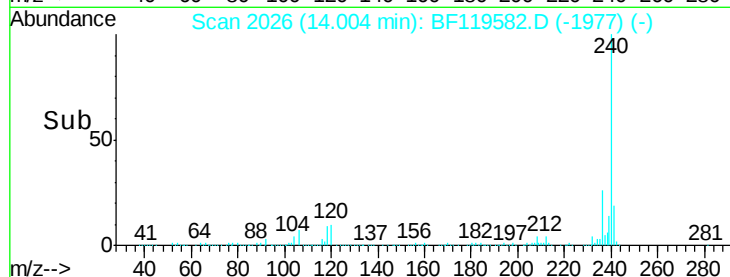
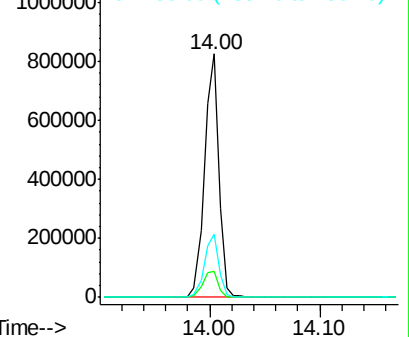
236 25.9 20.2 30.2



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: 98.53 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119582.D

Acq: 27 Mar 2020 22:17

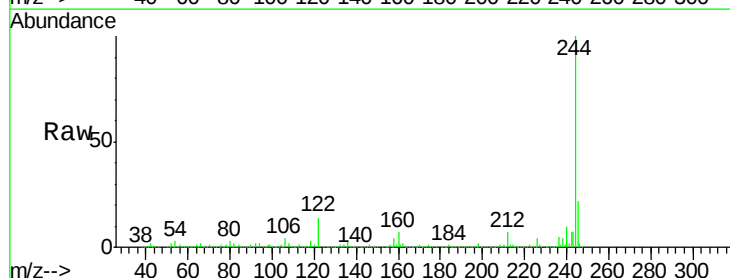
Tgt Ion:244 Resp: 3738493

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

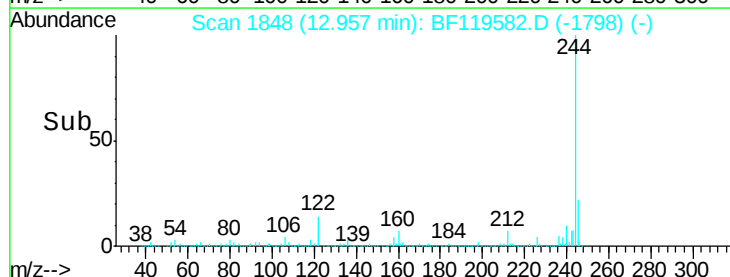
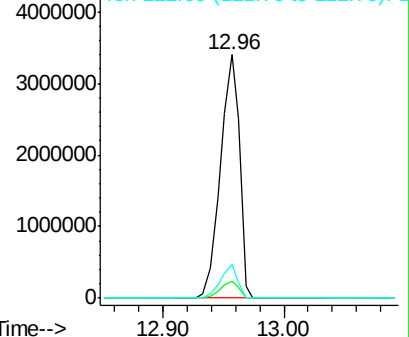
122 13.7 10.3 15.5

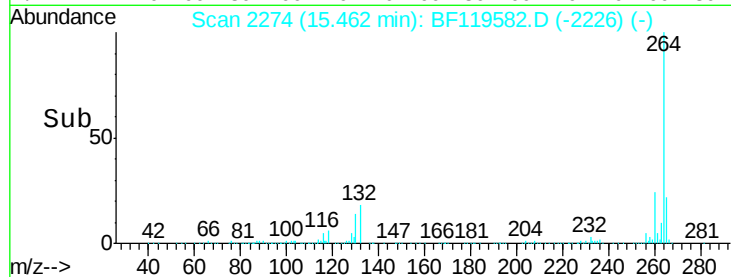
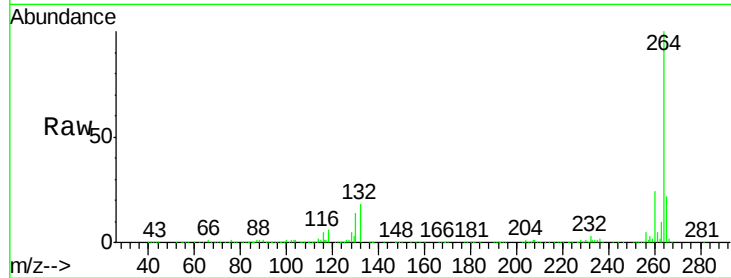
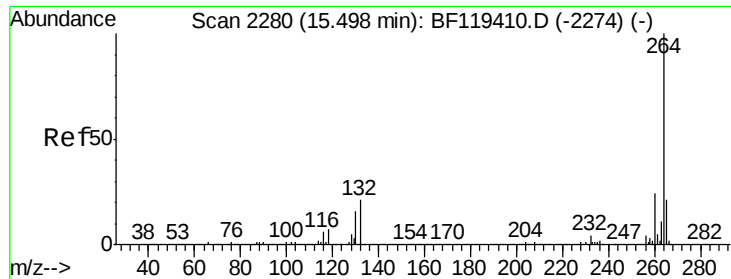


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF119582.D

Acq: 27 Mar 2020 22:17

Instrument :

BNA_F

ClientSampleId :

GW-3

Tgt Ion:264 Resp: 599610

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.9 17.7 26.5

