

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033120\
 Data File : BF119650.D
 Acq On : 31 Mar 2020 14:33
 Operator : MA/SJ
 Sample : L2055-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)

Quant Time: Mar 31 15:09:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

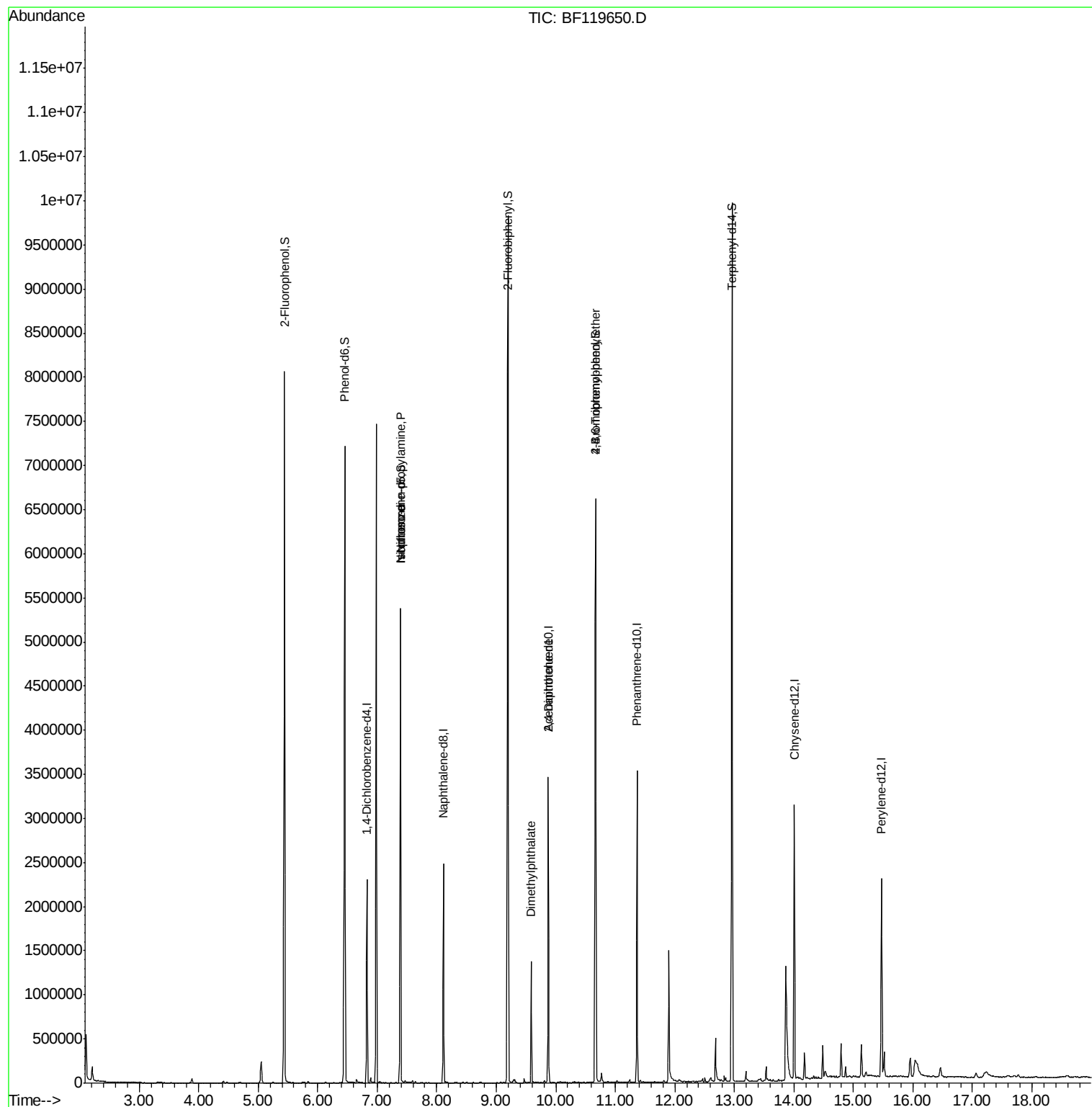
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	308310	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1177670	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	639071	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1280326	20.00	ng	0.00
76) Chrysene-d12	14.01	240	1064326	20.00	ng	0.00
87) Perylene-d12	15.47	264	1018810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2258365	116.61	ng	0.01
7) Phenol-d6	6.46	99	2915494	117.84	ng	0.00
23) Nitrobenzene-d5	7.39	82	1812617	83.65	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	906400	137.48	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3286689	76.19	ng	0.00
79) Terphenyl-d14	12.96	244	4057592	74.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	241100	16.168	ng	# 74
25) Isophorone	7.39	82	1803298	41.025	ng	# 65
50) Dimethylphthalate	9.59	163	489539	10.784	ng	99
57) 2,4-Dinitrotoluene	9.87	165	84024	6.855	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	53120	3.643	ng	# 1

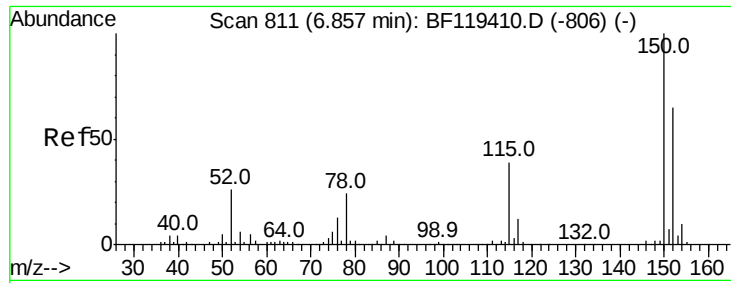
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033120\
Data File : BF119650.D
Acq On : 31 Mar 2020 14:33
Operator : MA/SJ
Sample : L2055-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)

Quant Time: Mar 31 15:09:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 14:11:44 2020
Response via : Initial Calibration



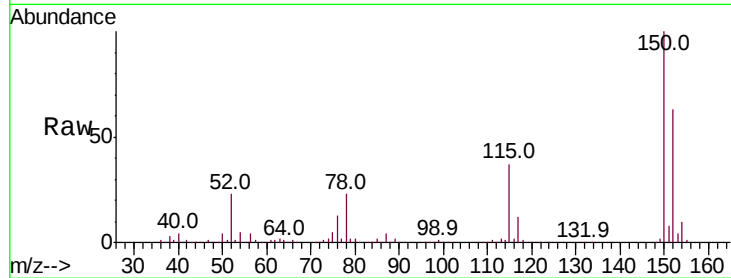


#1

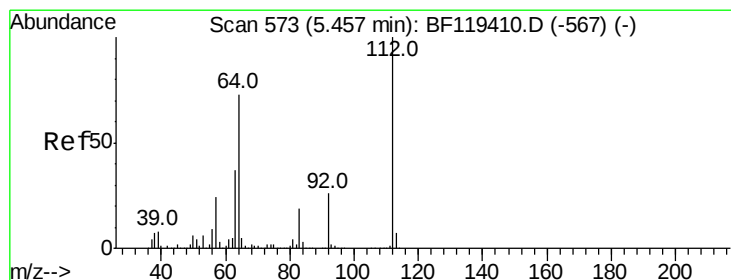
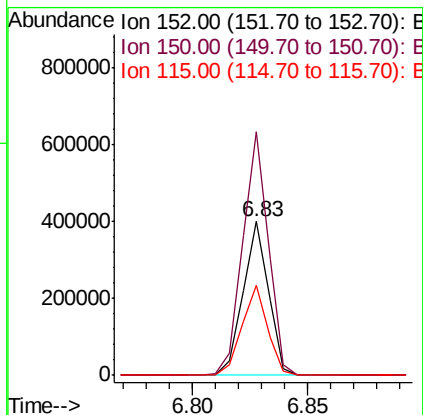
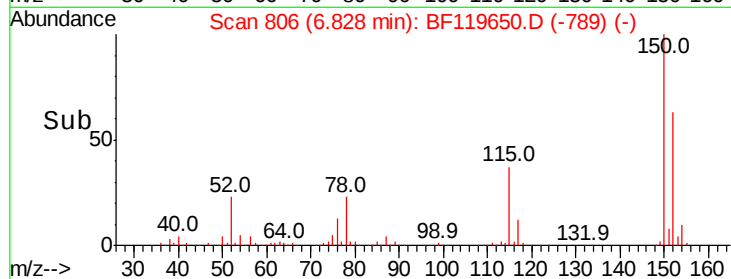
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119650.D
Acq: 31 Mar 2020 14:33

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)

Tot Ion:152 Resp: 308310
Ion Ratio Lower Upper
152 100
150 158.6 124.5 186.7
115 59.0 49.6 74.4



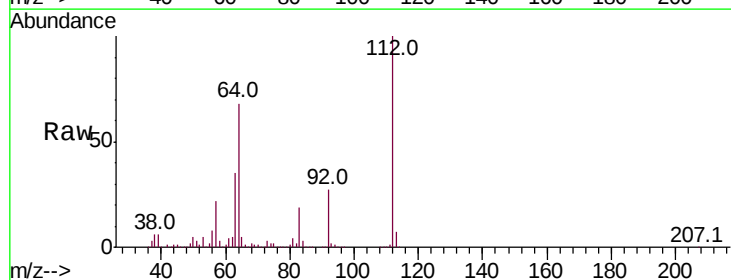
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



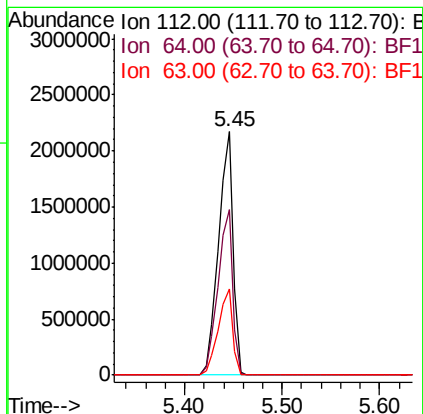
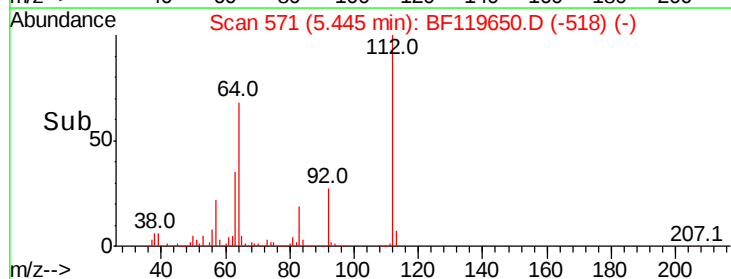
#5

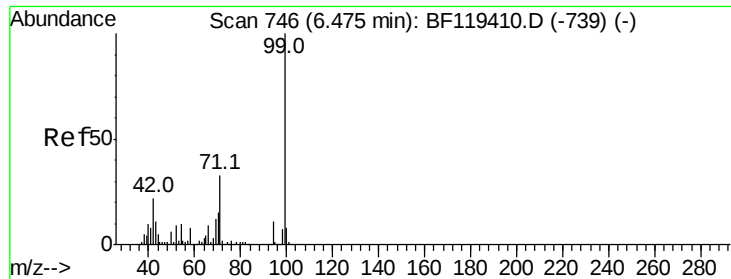
2-Fluorophenol
Concen: 116.607 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119650.D
Acq: 31 Mar 2020 14:33

Tgt Ion:112 Resp: 2258365
Ion Ratio Lower Upper
112 100
64 68.1 56.7 85.1
63 35.3 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: 117.843 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119650.D

Acq: 31 Mar 2020 14:33

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)

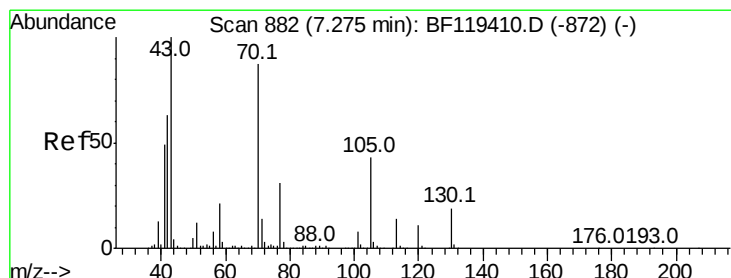
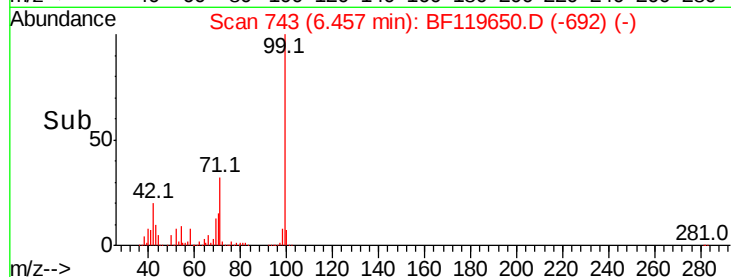
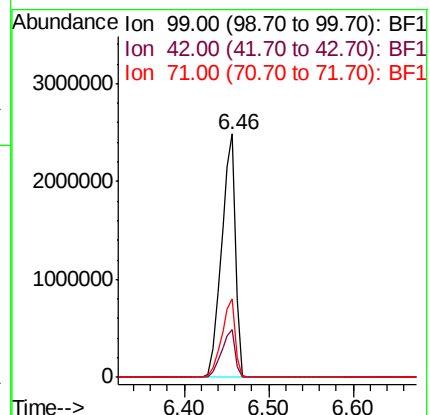
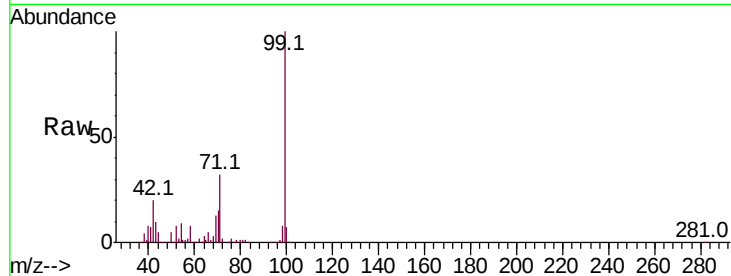
Tot Ion: 99 Resp: 2915494

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

71 32.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.168 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119650.D

Acq: 31 Mar 2020 14:33

Tgt Ion: 70 Resp: 241100

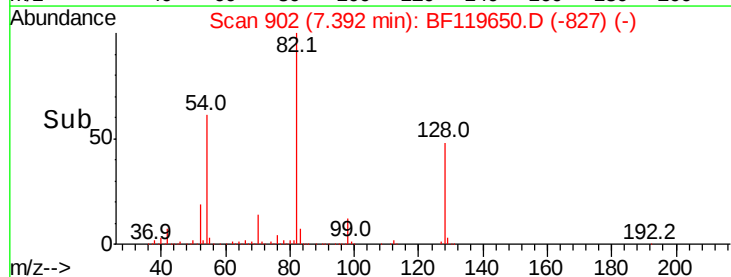
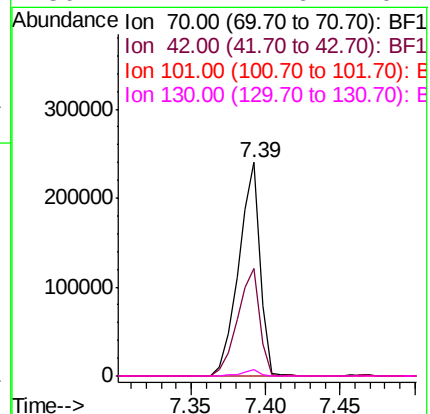
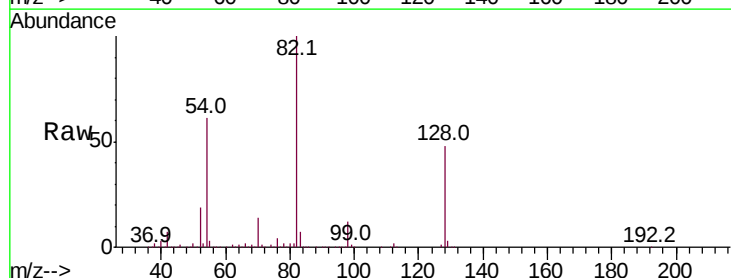
Ion Ratio Lower Upper

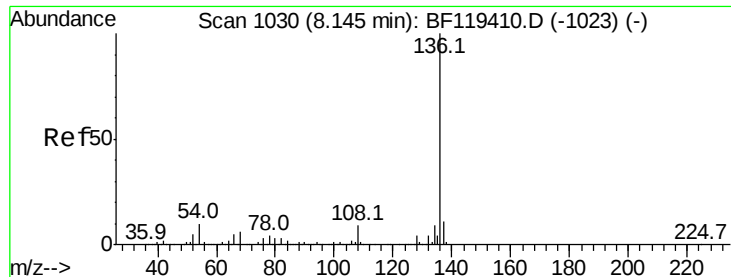
70 100

42 50.3 54.5 81.7#

101 0.0 7.6 11.4#

130 2.7 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF119650.D

Acq: 31 Mar 2020 14:33

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)

Tot Ion:136 Resp: 1177670

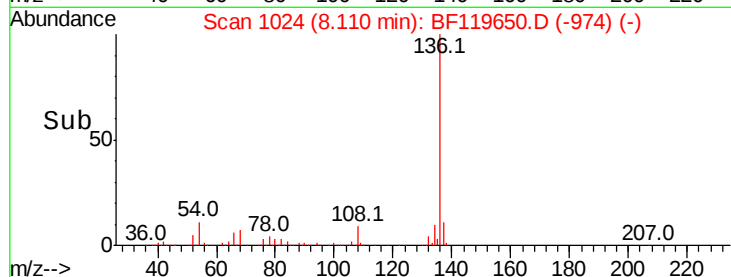
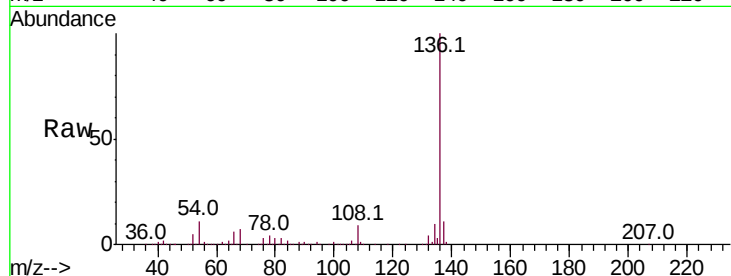
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 11.1 9.1 13.7

68 6.5 4.6 6.8

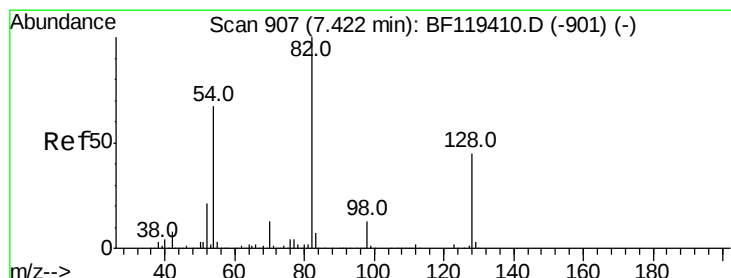
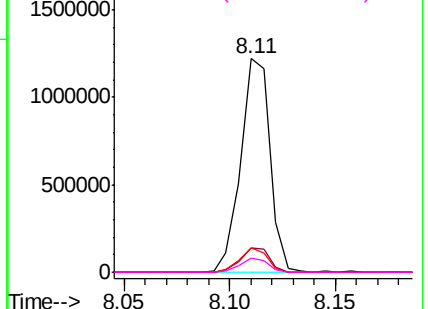


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.650 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119650.D

Acq: 31 Mar 2020 14:33

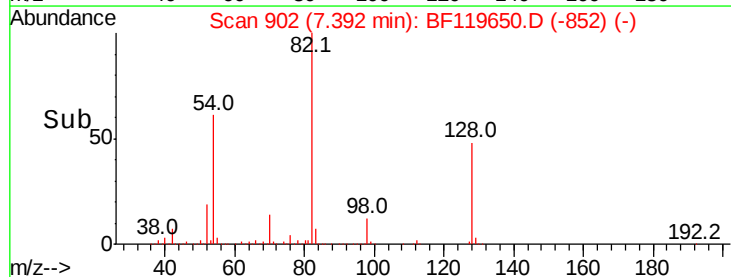
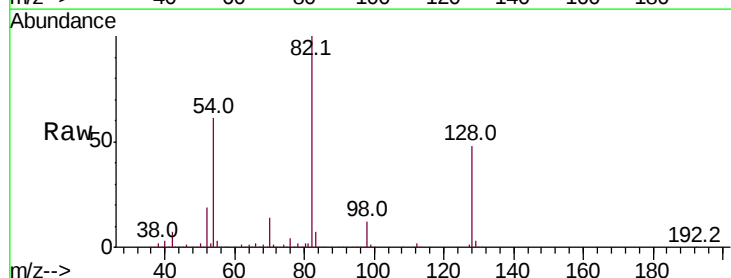
Tgt Ion: 82 Resp: 1812617

Ion Ratio Lower Upper

82 100

128 47.6 36.3 54.5

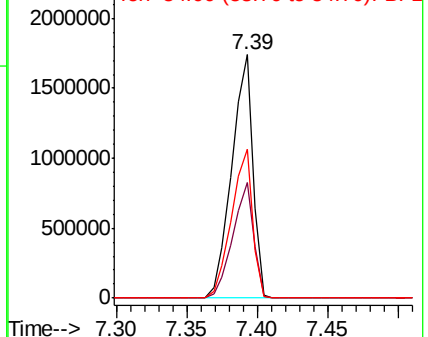
54 61.2 50.6 75.8

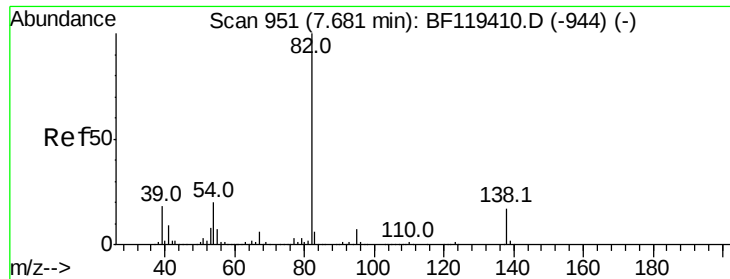


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.025 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF119650.D

Acq: 31 Mar 2020 14:33

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)

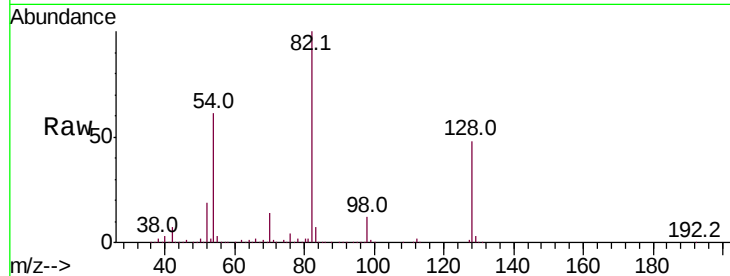
Tot Ion: 82 Resp: 1803298

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

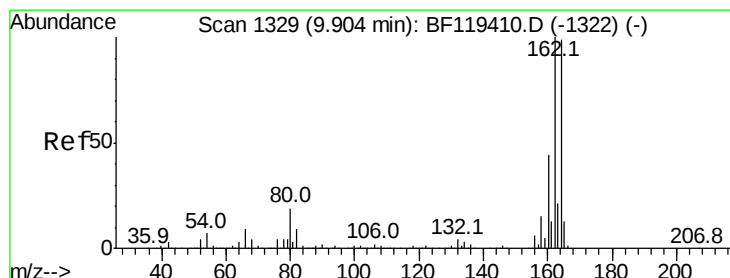
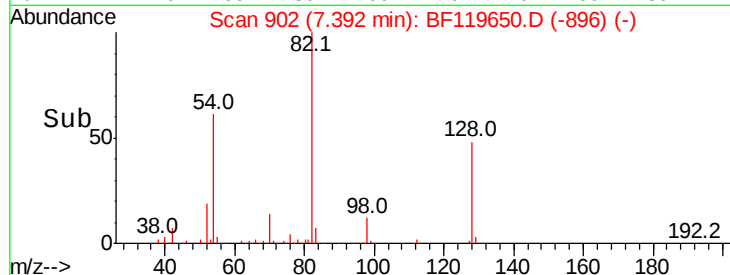
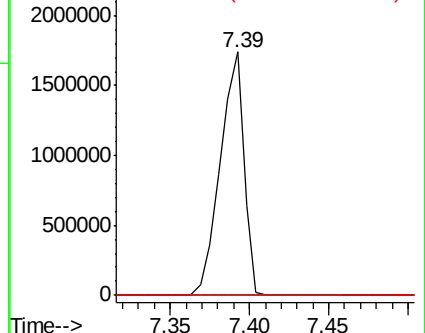
138 0.0 14.6 21.8#



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: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119650.D

Acq: 31 Mar 2020 14:33

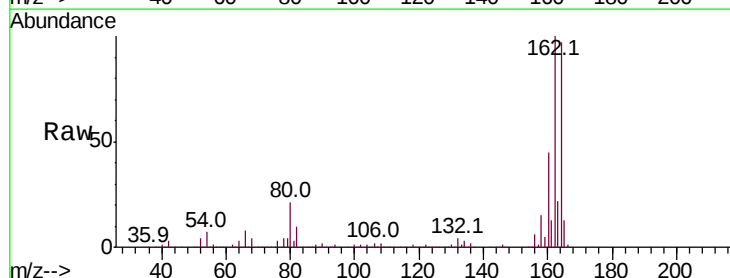
Tgt Ion: 164 Resp: 639071

Ion Ratio Lower Upper

164 100

162 102.8 80.6 121.0

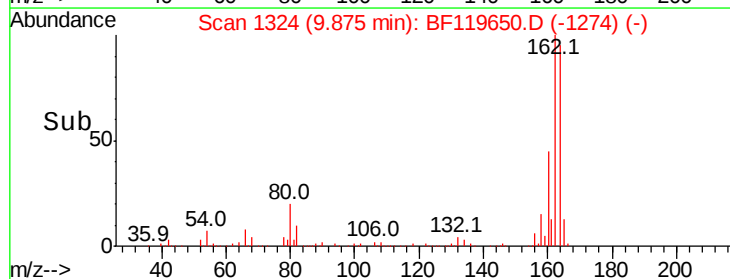
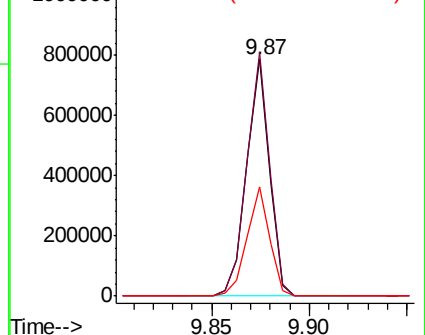
160 46.2 35.7 53.5

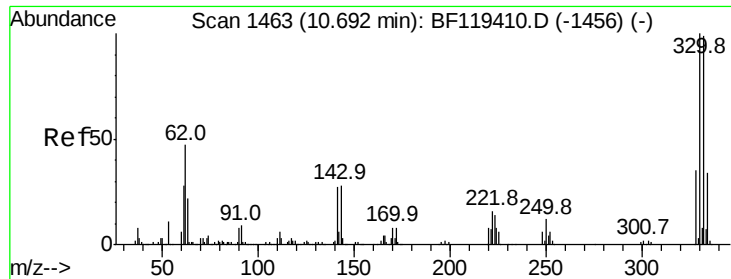


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

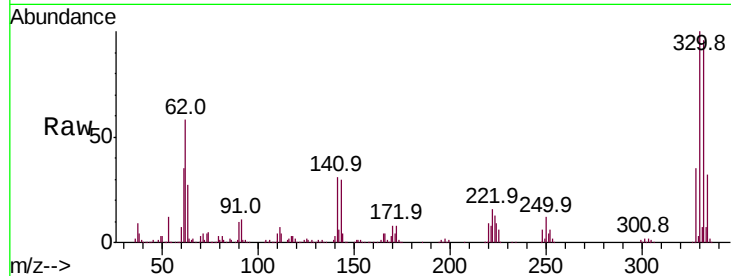




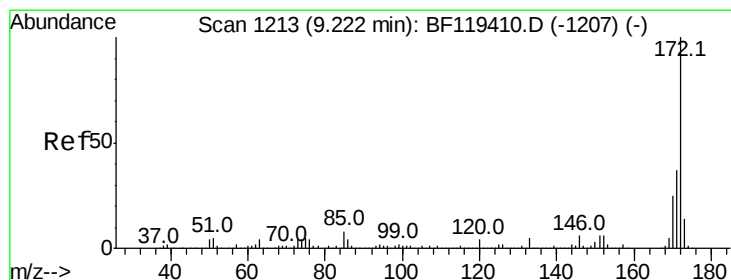
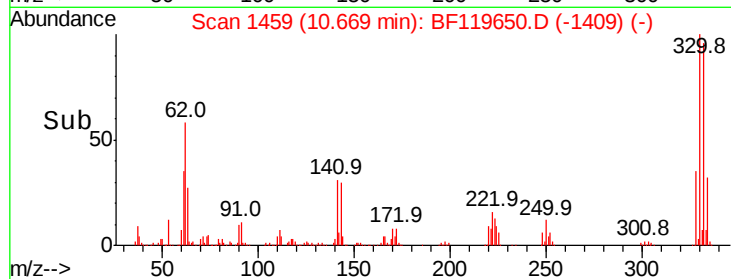
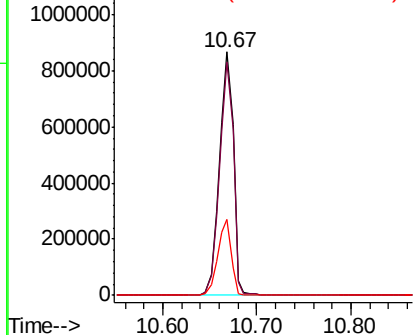
#42
 2,4,6-Tribromophenol
 Concen: 137.478 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119650.D
 Acq: 31 Mar 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)

Tot Ion:330 Resp: 906400
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 30.2 25.4 38.0

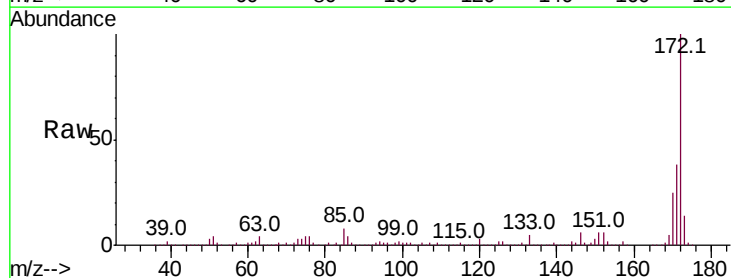


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

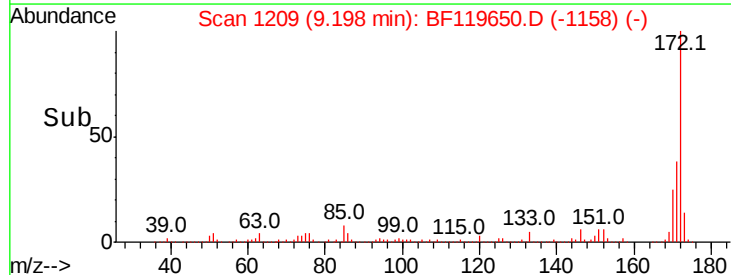
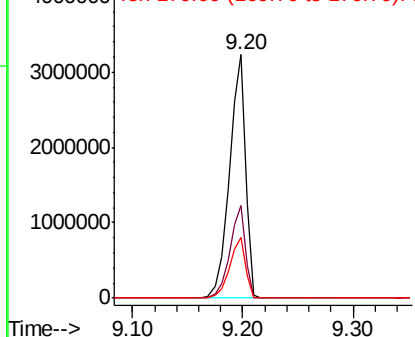


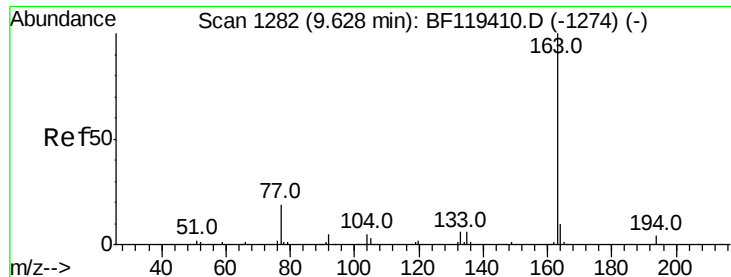
#45
 2-Fluorobiphenyl
 Concen: 76.191 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF119650.D
 Acq: 31 Mar 2020 14:33

Tgt Ion:172 Resp: 3286689
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.6 44.4
 170 25.0 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

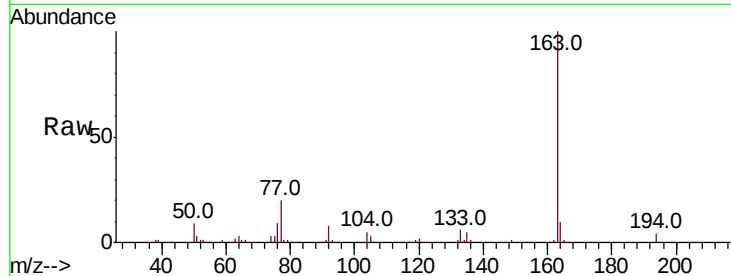




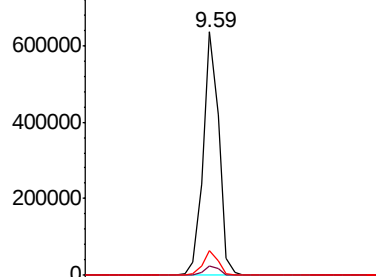
#50
Dimethylphthalate
Concen: 10.784 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119650.D
Acq: 31 Mar 2020 14:33

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)

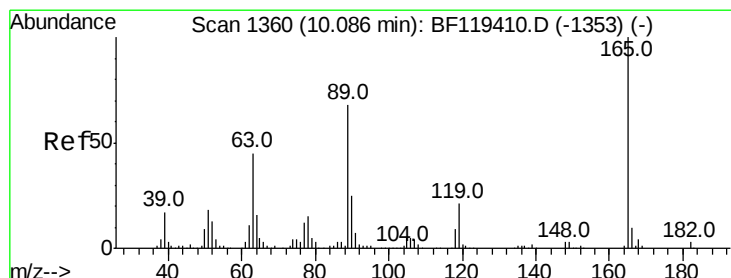
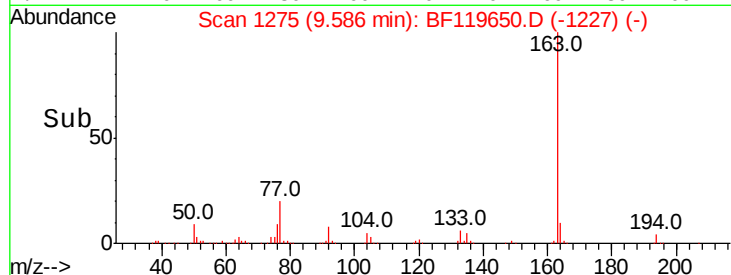
Tot Ion:163 Resp: 489539
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.2 12.2



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

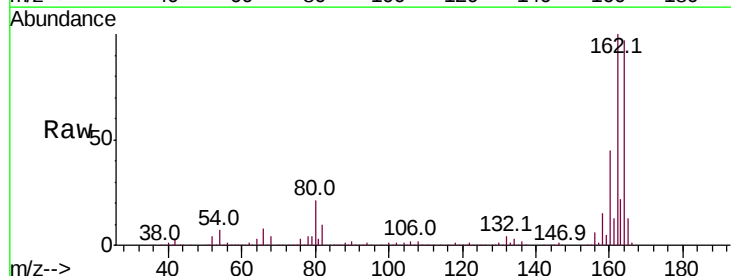


Time--> 9.50 9.55 9.60 9.65

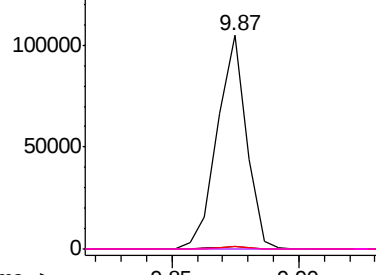


#57
2,4-Dinitrotoluene
Concen: 6.855 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119650.D
Acq: 31 Mar 2020 14:33

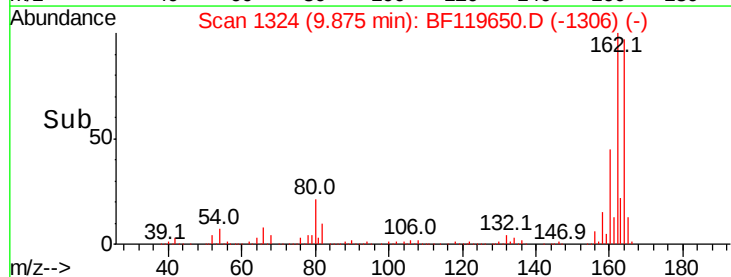
Tgt Ion:165 Resp: 84024
Ion Ratio Lower Upper
165 100
63 1.1 42.6 64.0#
89 0.9 61.0 91.4#
182 0.0 2.2 3.2#

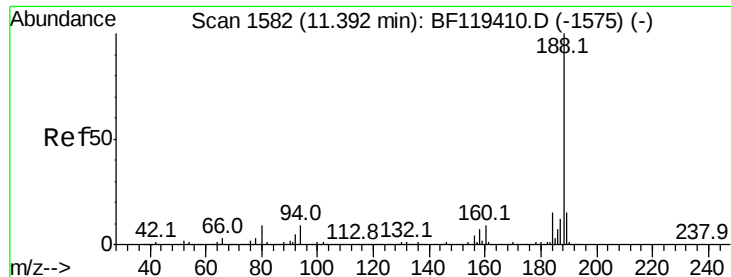


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



Time--> 9.85 9.90





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119650.D

Acq: 31 Mar 2020 14:33

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)

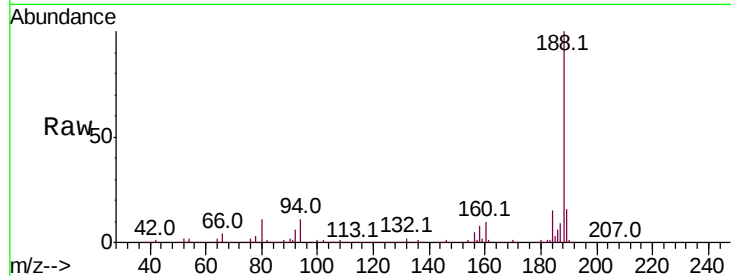
Tot Ion:188 Resp: 1280326

Ion Ratio Lower Upper

188 100

94 10.9 7.5 11.3

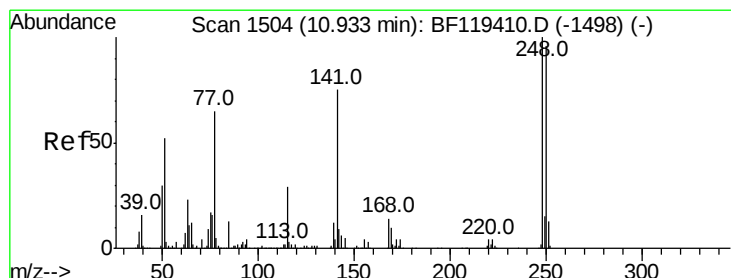
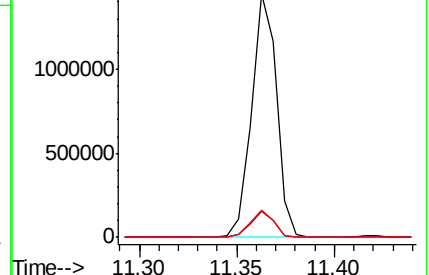
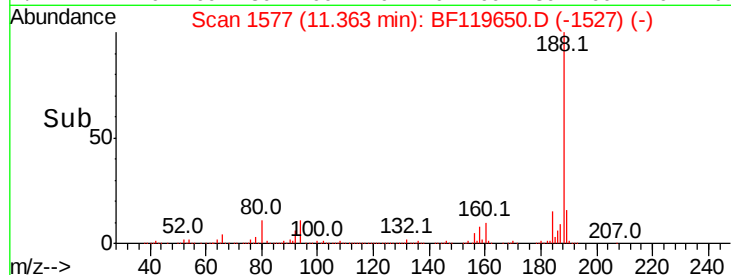
80 11.1 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E

2000000 Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 3.643 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119650.D

Acq: 31 Mar 2020 14:33

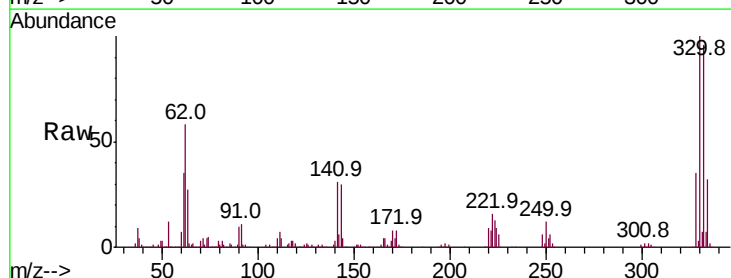
Tgt Ion:248 Resp: 53120

Ion Ratio Lower Upper

248 100

250 204.3 77.3 115.9#

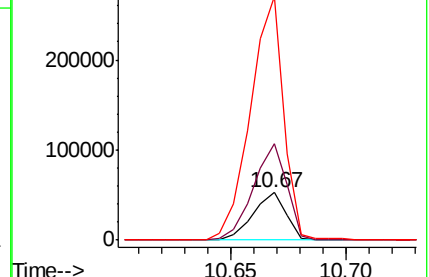
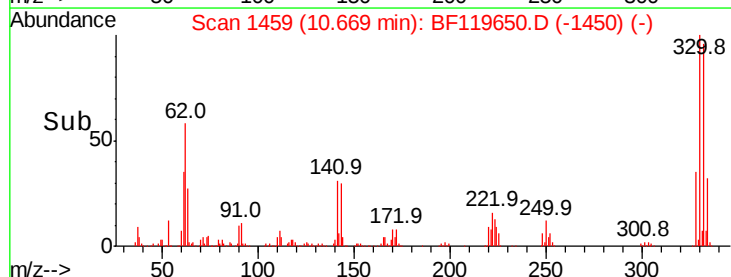
141 513.5 58.6 87.8#

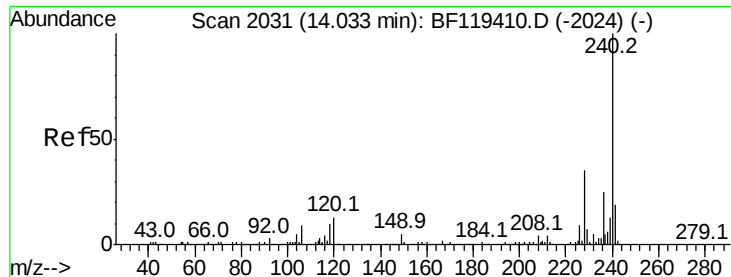


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

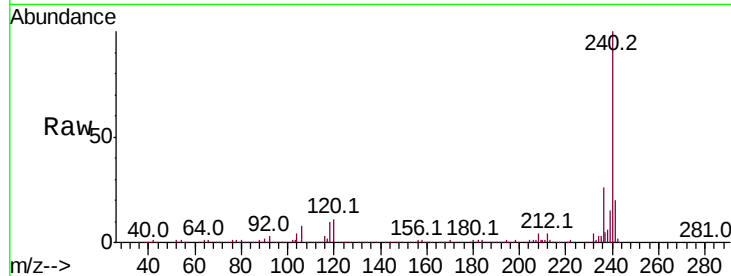




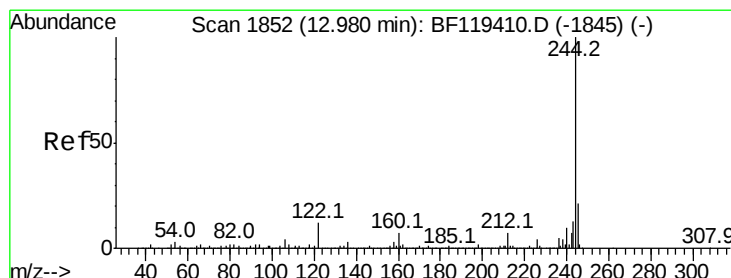
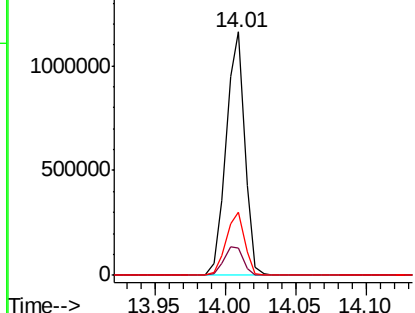
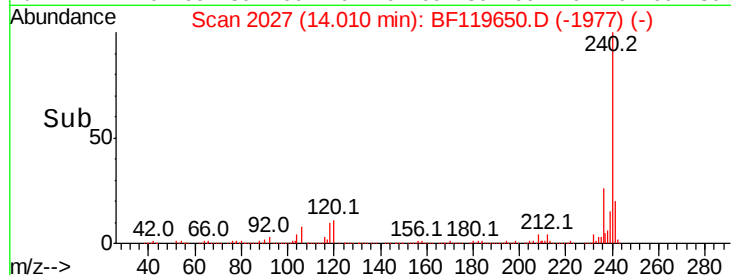
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119650.D
 Acq: 31 Mar 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)

Tot Ion:240 Resp: 1064326
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.6 15.8
 236 26.0 20.2 30.2

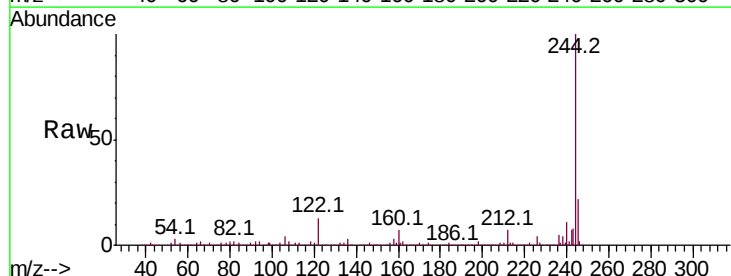


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

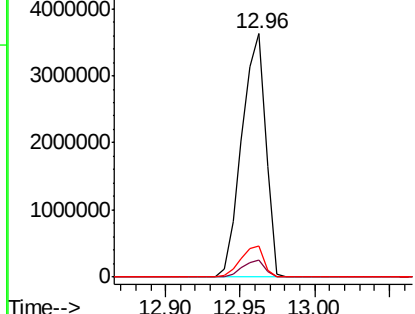
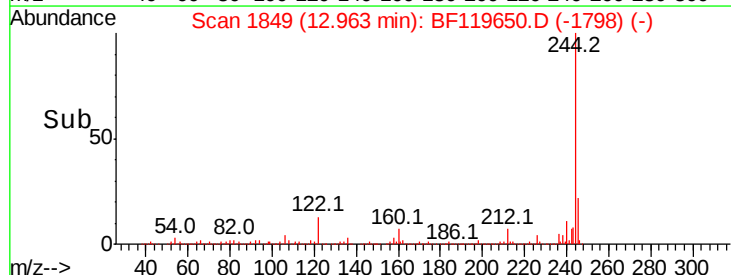


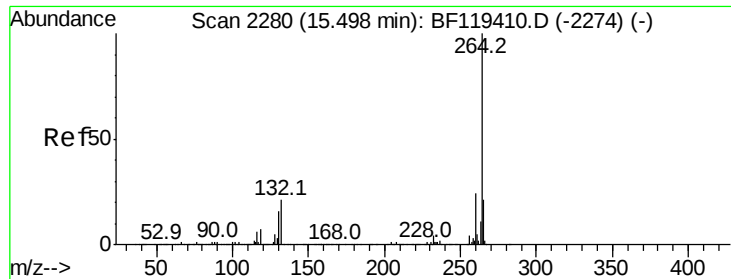
#79
 Terphenyl-d14
 Concen: 74.692 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF119650.D
 Acq: 31 Mar 2020 14:33

Tgt Ion:244 Resp: 4057592
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.0 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119650.D
Acq: 31 Mar 2020 14:33

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)

Tot Ion:264 Resp: 1018810

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.8	17.7	26.5

