

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119558.D
 Acq On : 27 Mar 2020 10:02
 Operator : CG/JU
 Sample : L2029-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1G-(0-2)

Quant Time: Mar 27 10:39:33 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

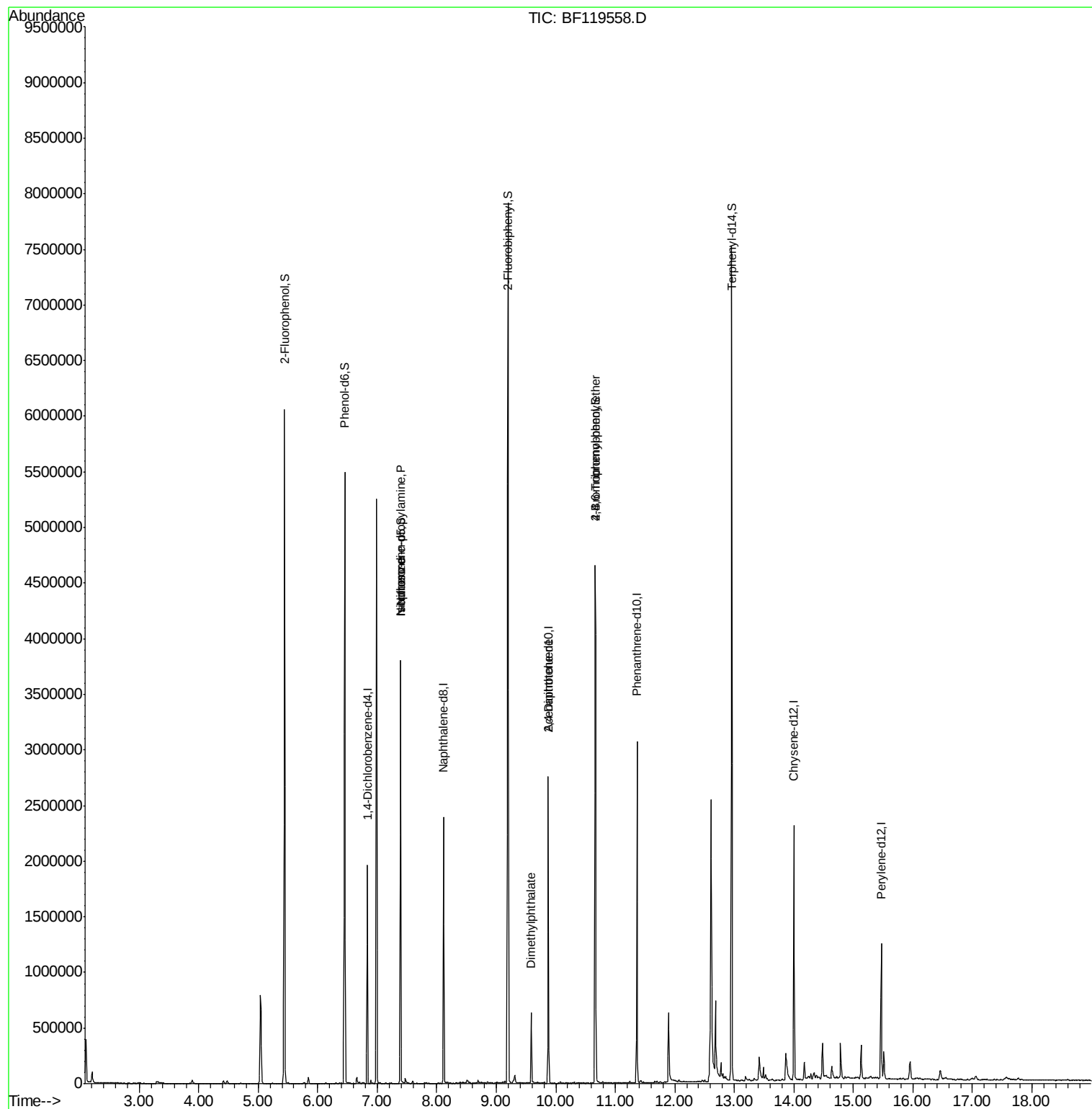
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	252286	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	983763	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	537118	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1036852	20.00	ng	0.00
76) Chrysene-d12	14.00	240	731179	20.00	ng	-0.01
87) Perylene-d12	15.47	264	593942	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1545275	97.51	ng	0.00
7) Phenol-d6	6.46	99	1989434	98.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	1264427	69.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	603936	108.99	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2416065	66.64	ng	0.00
79) Terphenyl-d14	12.96	244	2710172	72.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	163643	13.411	ng	# 77
25) Isophorone	7.39	82	1256462	34.218	ng	# 65
50) Dimethylphthalate	9.59	163	240659	6.308	ng	100
57) 2,4-Dinitrotoluene	9.87	165	67864	6.588	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	34428	2.916	ng	# 1

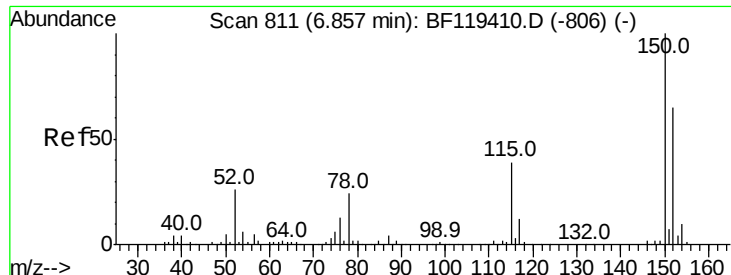
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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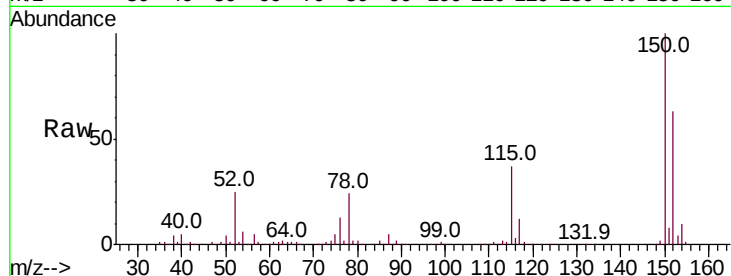


#1

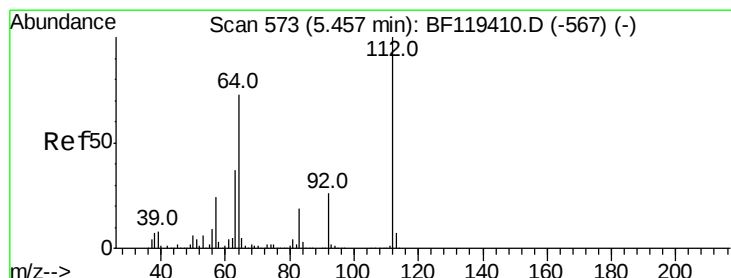
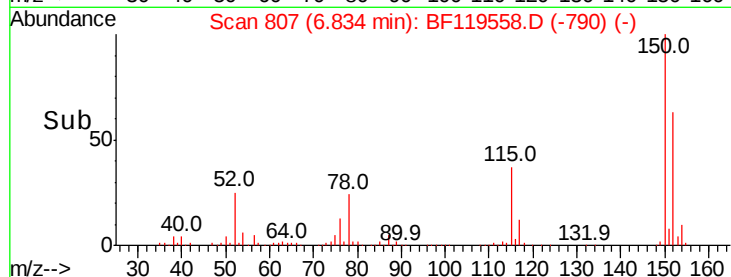
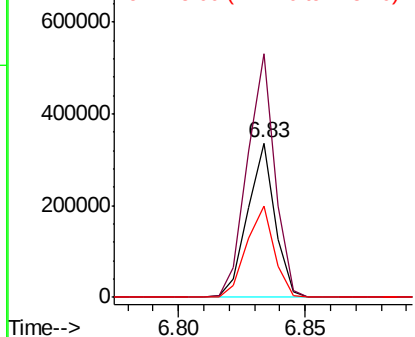
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119558.D
Acq: 27 Mar 2020 10:02

Instrument :
BNA_F
ClientSampleId :
SB-1G-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.5	186.7
115	58.9	49.6	74.4



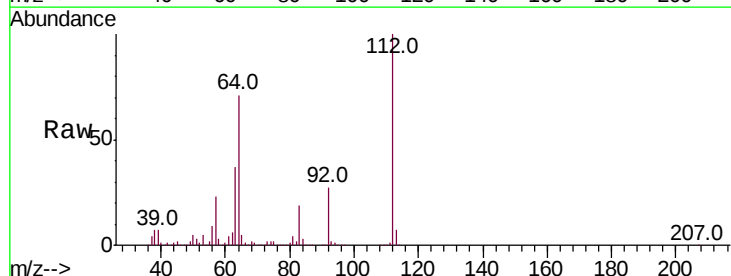
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



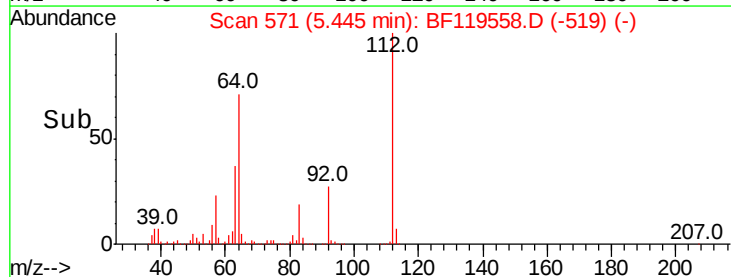
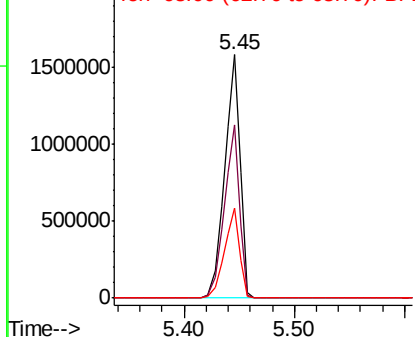
#5

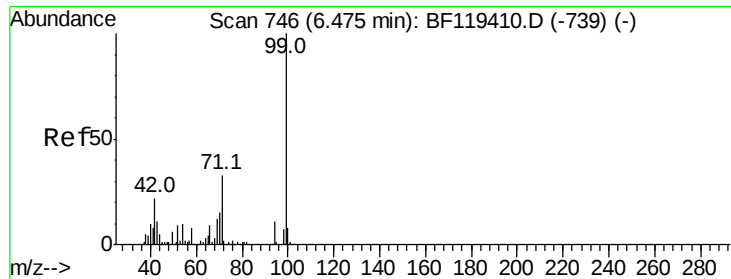
2-Fluorophenol
Concen: 97.506 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119558.D
Acq: 27 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	56.7	85.1
63	37.0	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: 98.269 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119558.D

Acq: 27 Mar 2020 10:02

Instrument :

BNA_F

ClientSampleId :

SB-1G-(0-2)

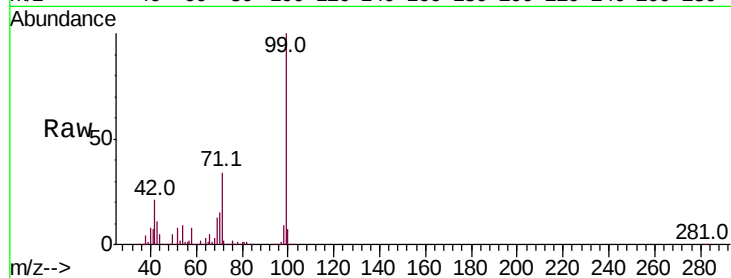
Tot Ion: 99 Resp: 1989434

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

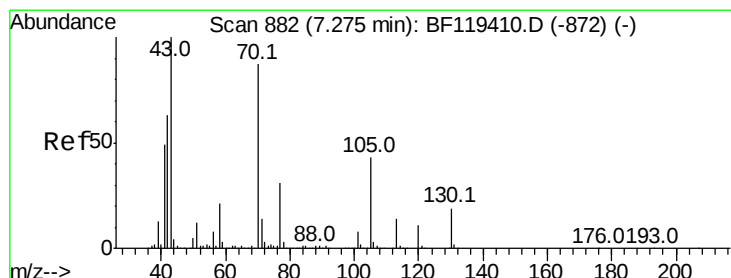
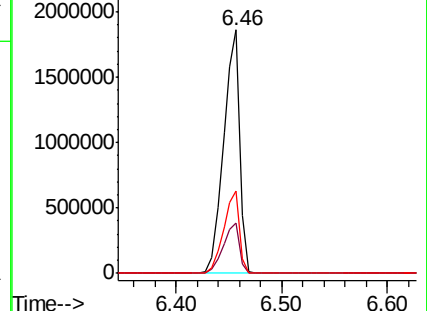
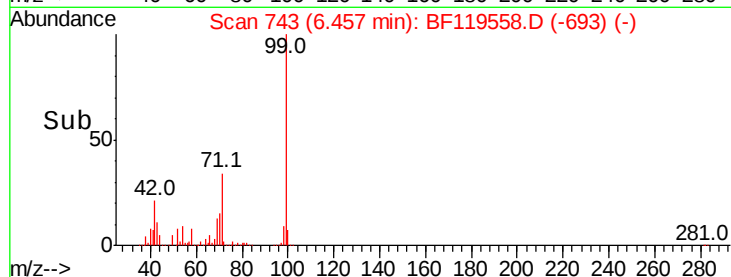
71 33.6 26.4 39.6



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: 13.411 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119558.D

Acq: 27 Mar 2020 10:02

Tgt Ion: 70 Resp: 163643

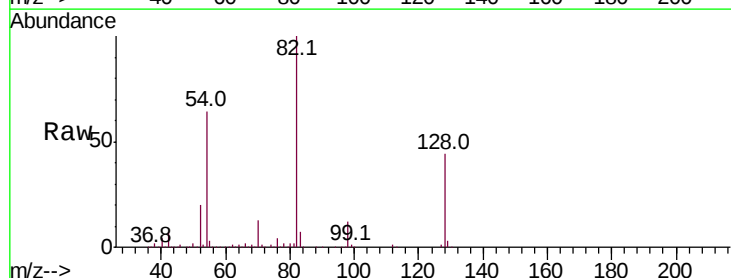
Ion Ratio Lower Upper

70 100

42 54.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.6 17.6 26.4#

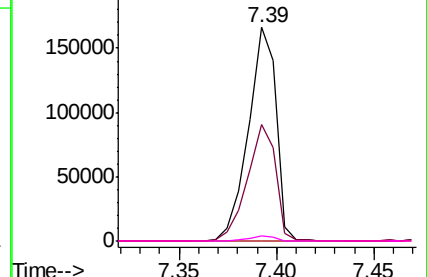
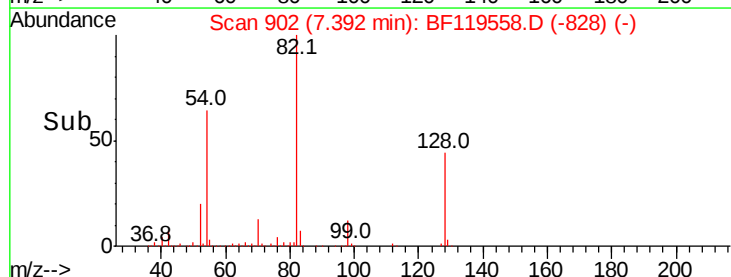


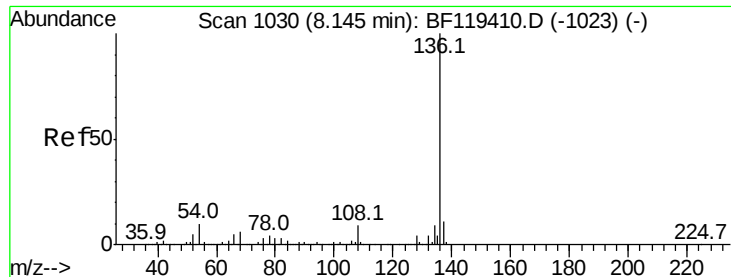
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119558.D

Acq: 27 Mar 2020 10:02

Instrument :

BNA_F

ClientSampleId :

SB-1G-(0-2)

Tot Ion:136 Resp: 983763

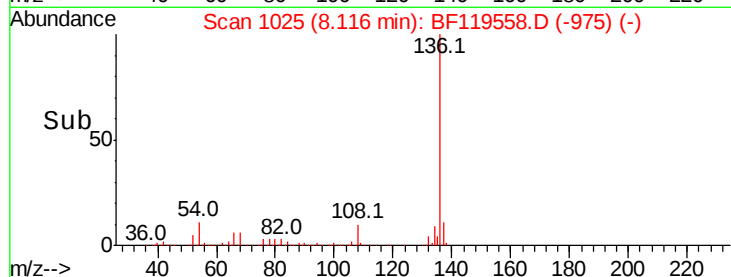
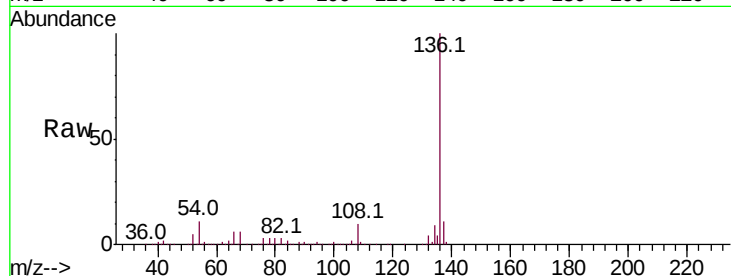
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.9 9.1 13.7

68 5.7 4.6 6.8

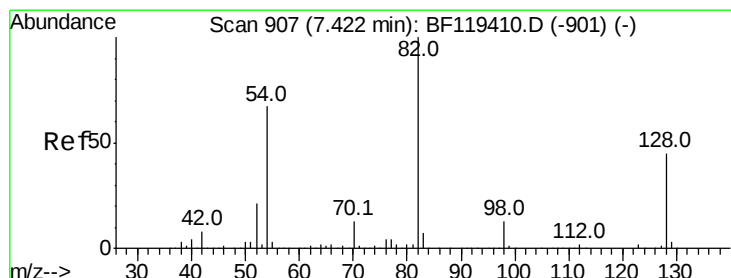
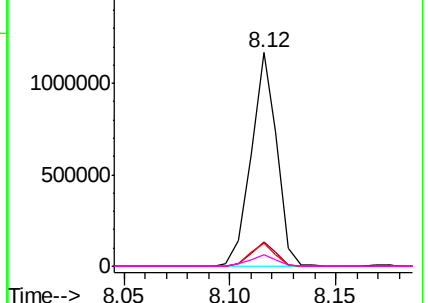


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.853 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119558.D

Acq: 27 Mar 2020 10:02

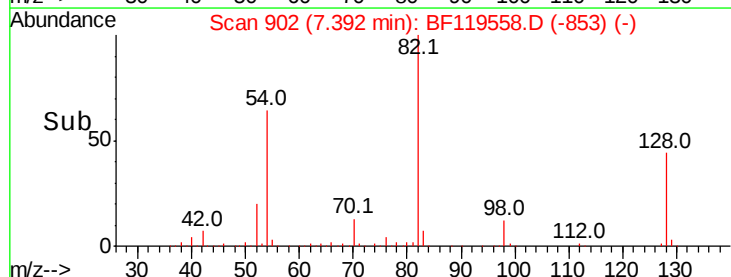
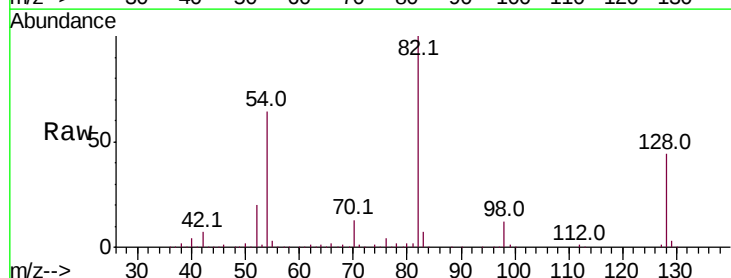
Tgt Ion: 82 Resp: 1264427

Ion Ratio Lower Upper

82 100

128 43.9 36.3 54.5

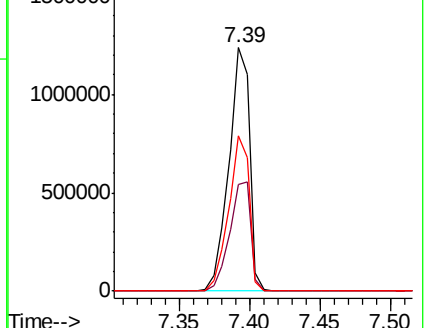
54 63.7 50.6 75.8

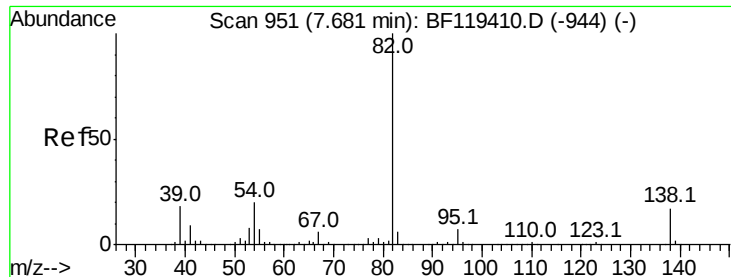


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.218 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119558.D

Acq: 27 Mar 2020 10:02

Instrument :

BNA_F

ClientSampleId :

SB-1G-(0-2)

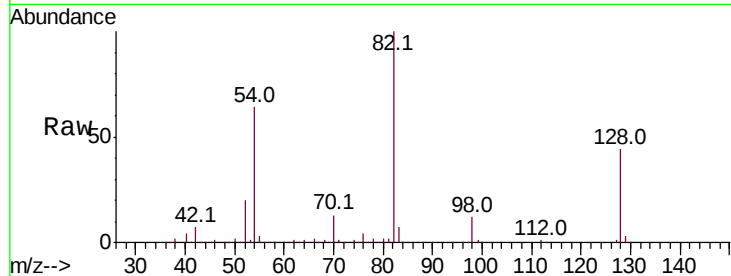
Tot Ion: 82 Resp: 1256462

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

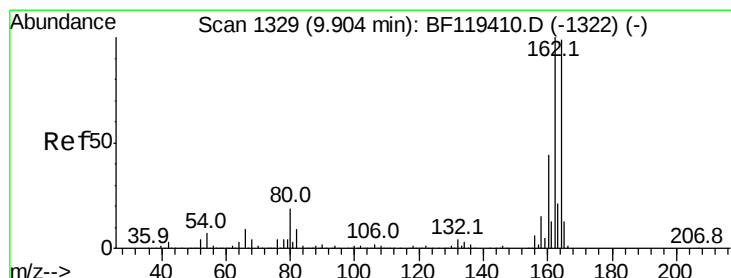
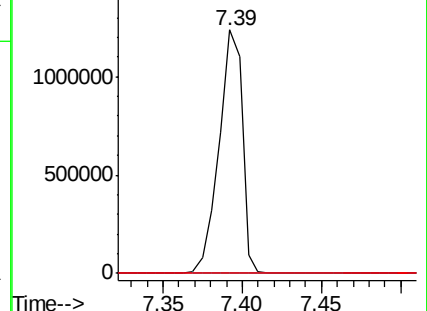
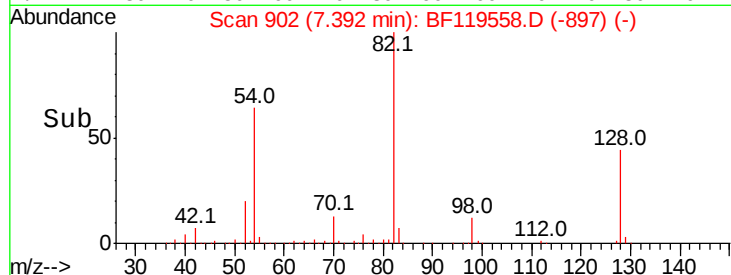
138 0.0 14.6 21.8#



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: BF119558.D

Acq: 27 Mar 2020 10:02

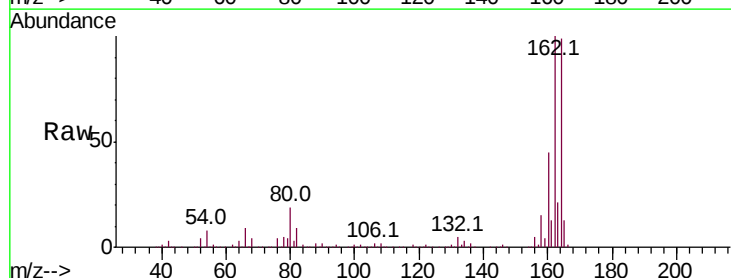
Tgt Ion:164 Resp: 537118

Ion Ratio Lower Upper

164 100

162 100.5 80.6 121.0

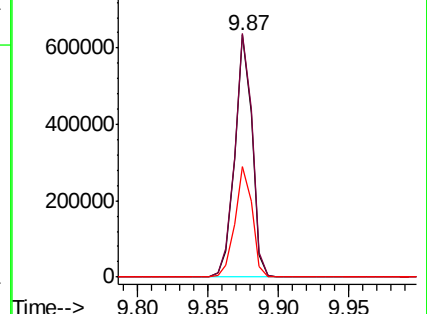
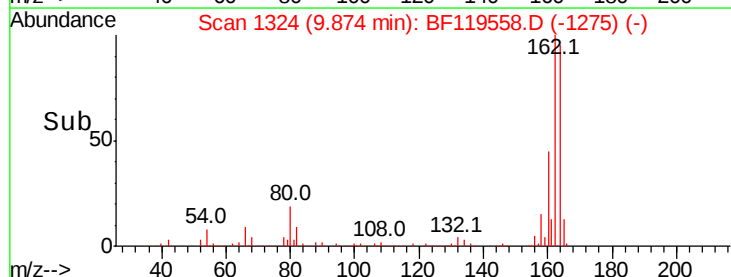
160 45.4 35.7 53.5

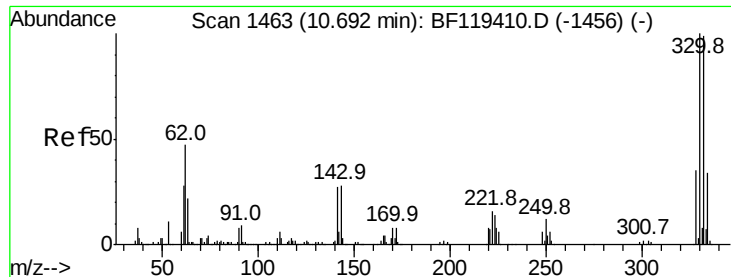


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

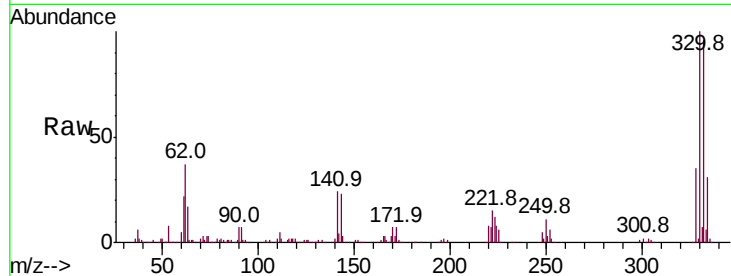




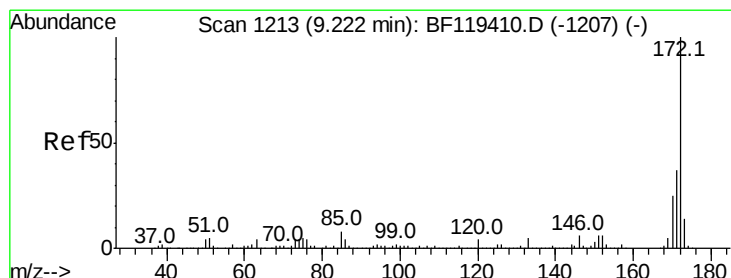
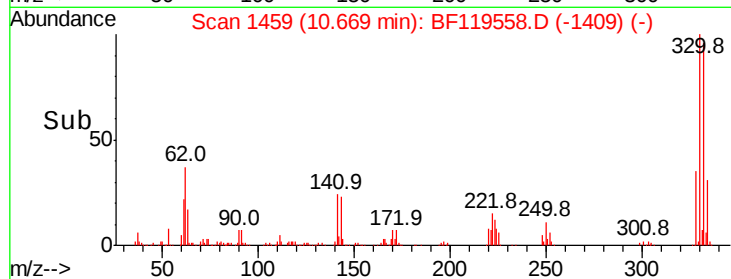
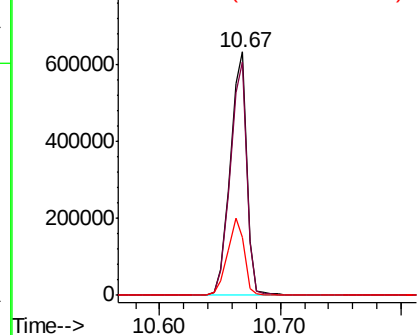
#42
 2,4,6-Tribromophenol
 Concen: 108.989 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119558.D
 Acq: 27 Mar 2020 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1G-(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	31.6	25.4	38.0

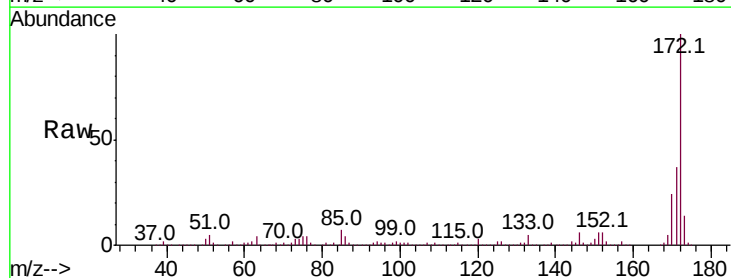


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

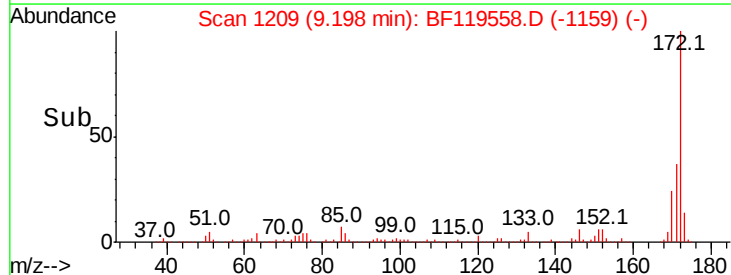
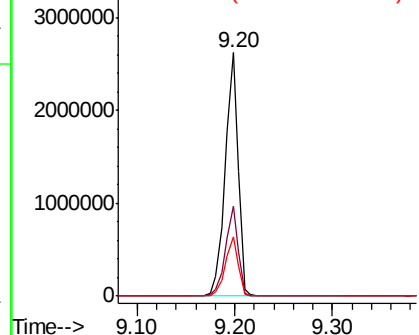


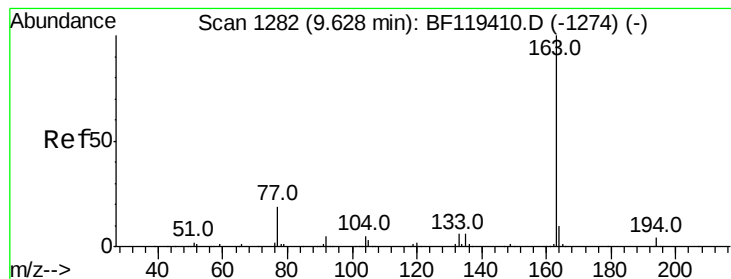
#45
 2-Fluorobiphenyl
 Concen: 66.640 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119558.D
 Acq: 27 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.3	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: 6.308 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119558.D

Acq: 27 Mar 2020 10:02

Instrument :

BNA_F

ClientSampleId :

SB-1G-(0-2)

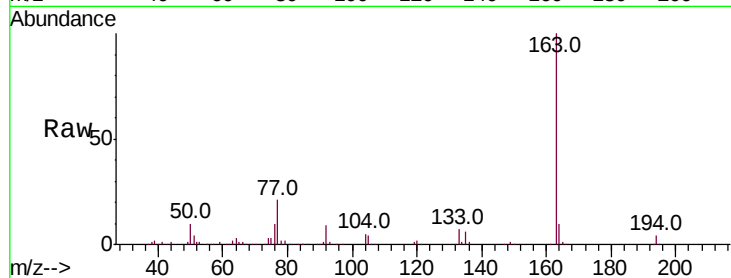
Tot Ion:163 Resp: 240659

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

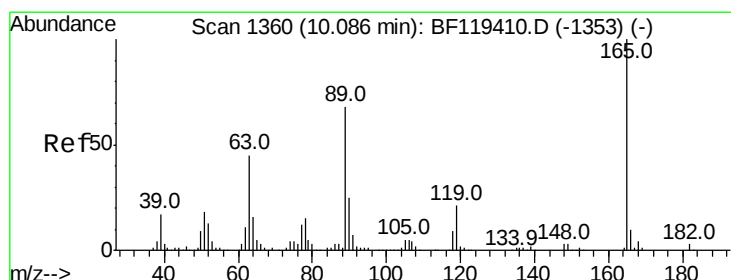
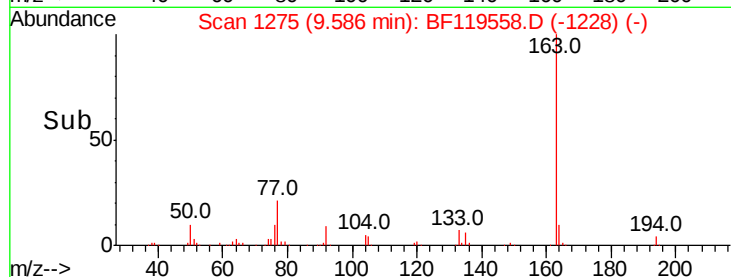
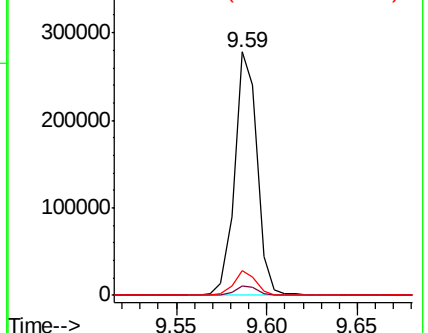
164 10.3 8.2 12.2



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: 6.588 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119558.D

Acq: 27 Mar 2020 10:02

Tgt Ion:165 Resp: 67864

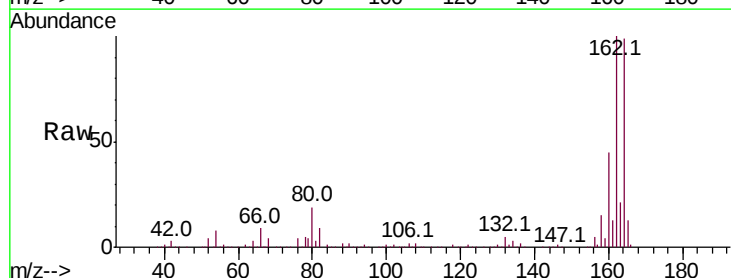
Ion Ratio Lower Upper

165 100

63 1.3 42.6 64.0#

89 1.4 61.0 91.4#

182 0.0 2.2 3.2#

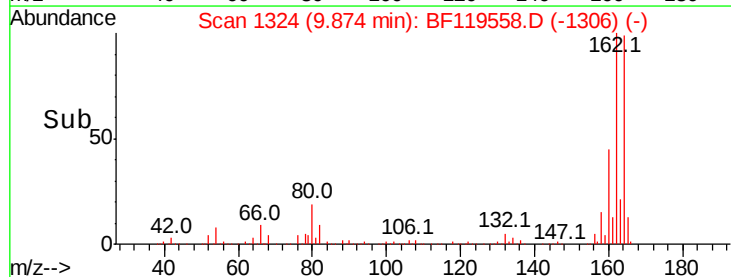
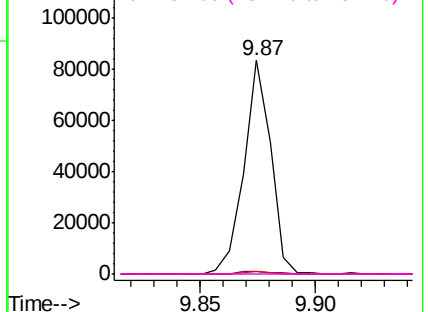


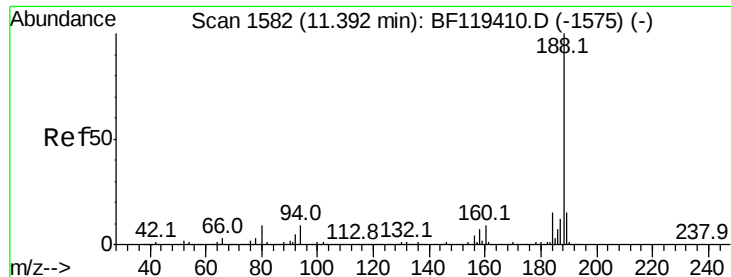
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119558.D

Acq: 27 Mar 2020 10:02

Instrument :

BNA_F

ClientSampleId :

SB-1G-(0-2)

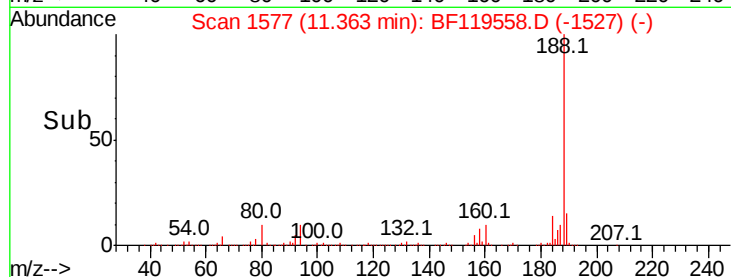
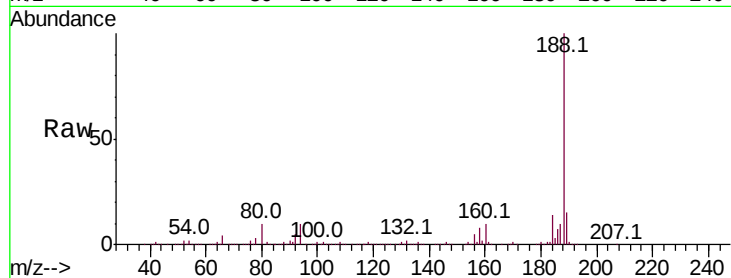
Tot Ion:188 Resp: 1036852

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

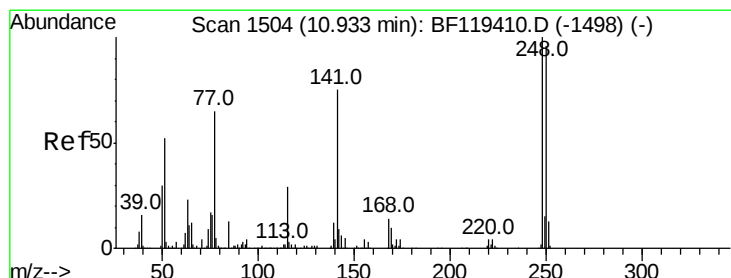
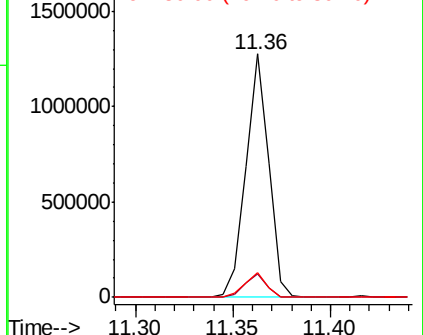
80 9.9 9.0 13.4



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: 2.916 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF119558.D

Acq: 27 Mar 2020 10:02

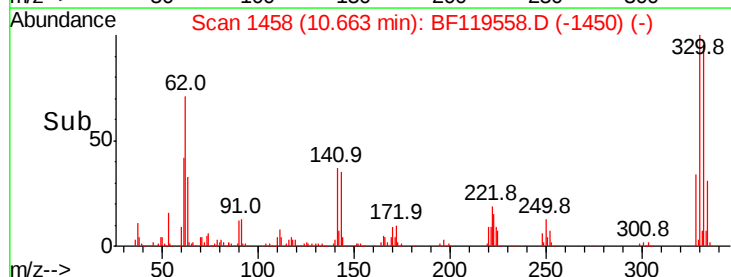
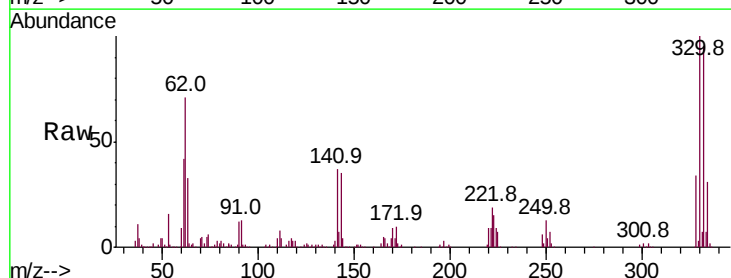
Tgt Ion:248 Resp: 34428

Ion Ratio Lower Upper

248 100

250 213.6 77.3 115.9#

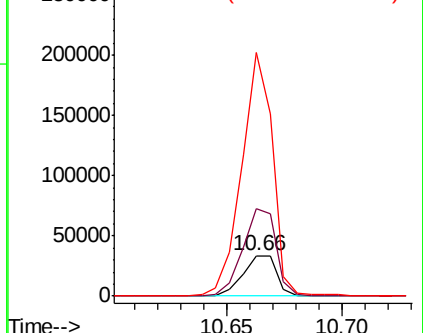
141 598.0 58.6 87.8#

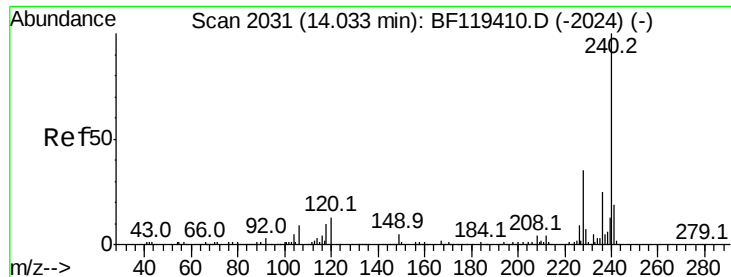


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

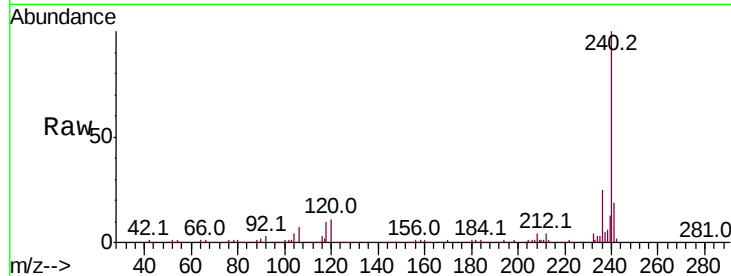




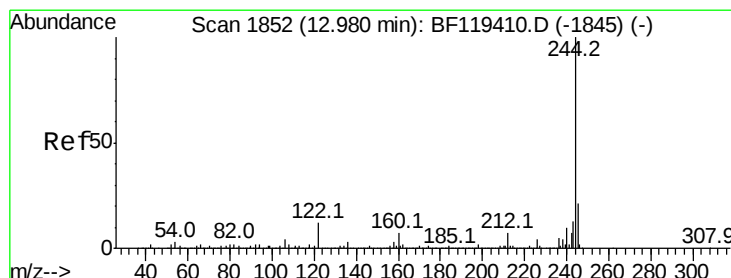
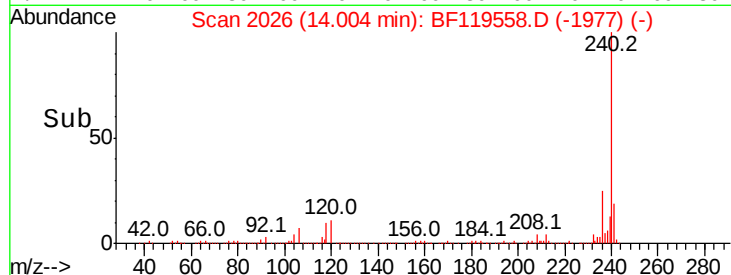
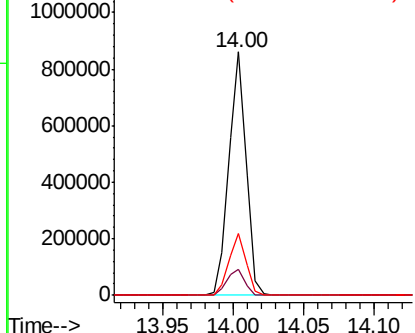
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119558.D
 Acq: 27 Mar 2020 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1G-(0-2)

Tot Ion:240 Resp: 731179
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.6 15.8
 236 25.3 20.2 30.2

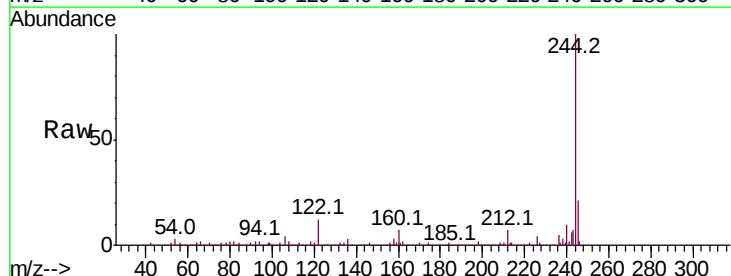


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

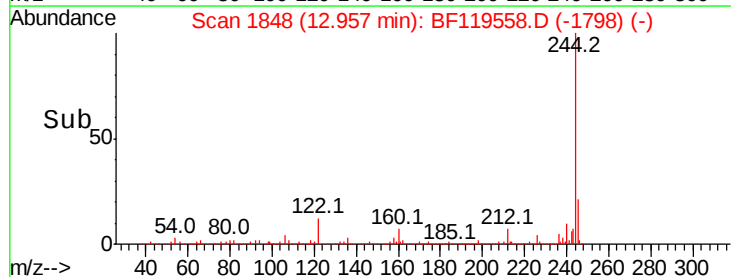
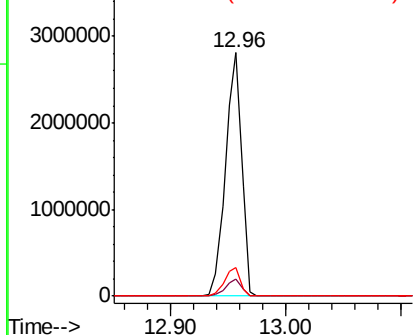


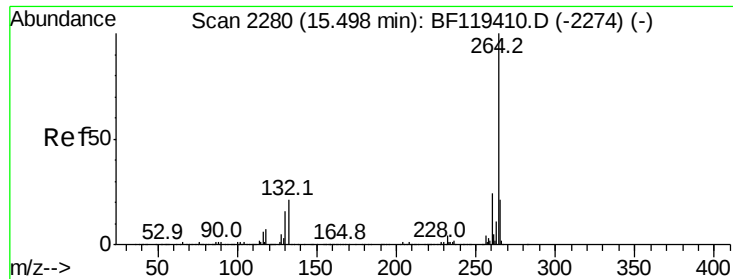
#79
 Terphenyl-d14
 Concen: 72.620 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119558.D
 Acq: 27 Mar 2020 10:02

Tgt Ion:244 Resp: 2710172
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 11.9 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

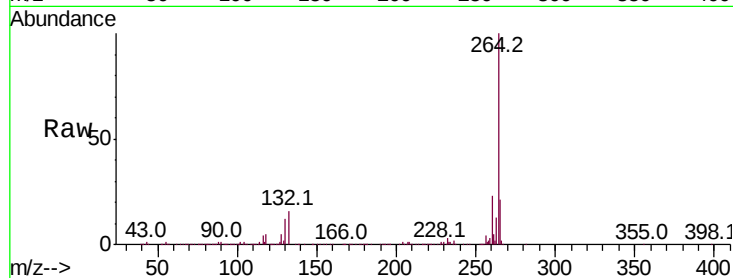




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF119558.D
 Acq: 27 Mar 2020 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1G-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.9	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

