

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033120\
 Data File : BF119649.D
 Acq On : 31 Mar 2020 14:06
 Operator : MA/SJ
 Sample : L2055-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-(10-12)

Quant Time: Mar 31 15:02:35 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

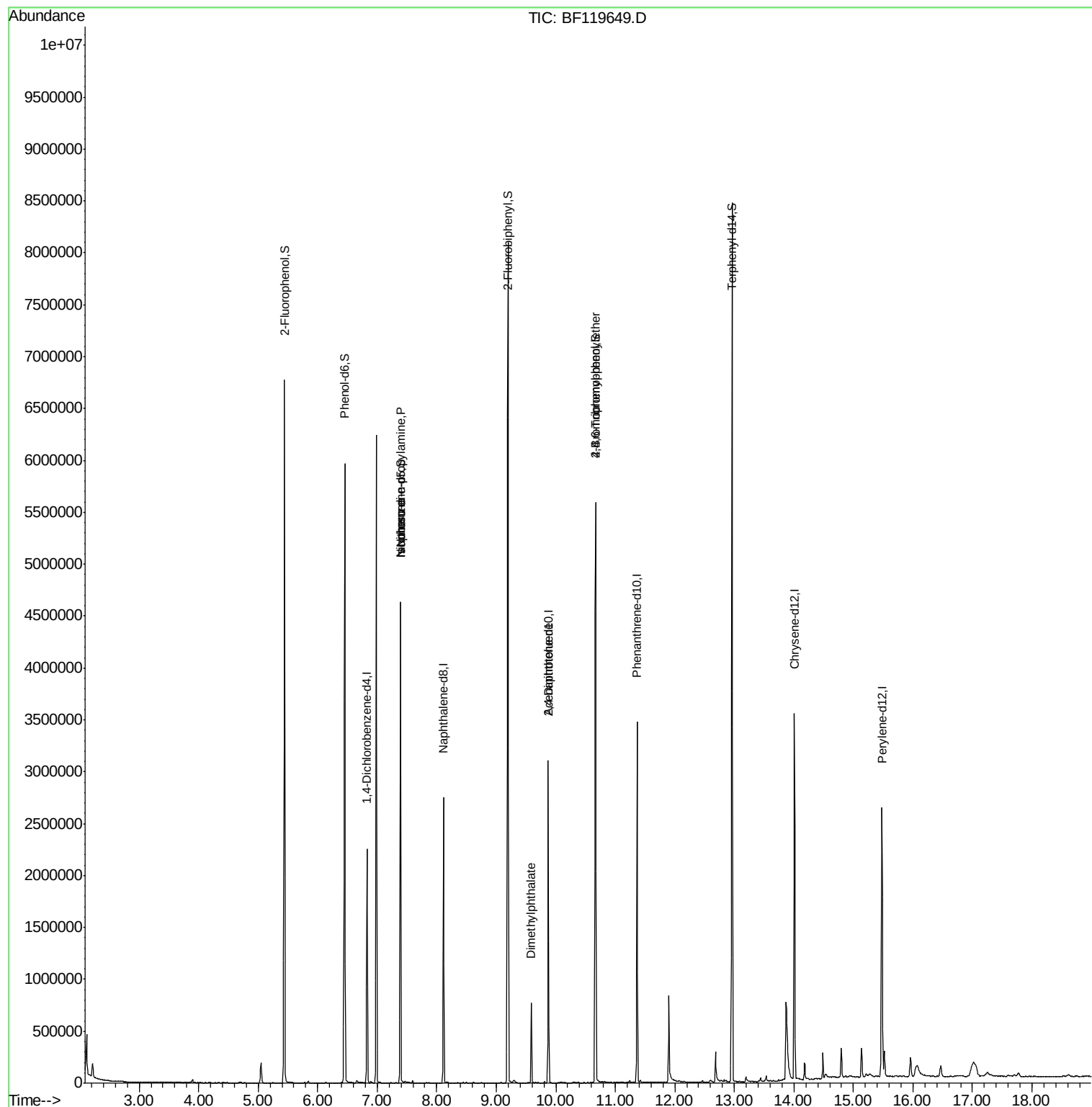
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	320852	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1214775	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	658981	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1311192	20.00	ng	0.00
76) Chrysene-d12	14.01	240	1125649	20.00	ng	0.00
87) Perylene-d12	15.48	264	1183902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1861095	92.34	ng	0.01
7) Phenol-d6	6.46	99	2340664	90.91	ng	0.00
23) Nitrobenzene-d5	7.39	82	1433519	64.13	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	721793	106.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2718829	61.12	ng	0.00
79) Terphenyl-d14	12.96	244	3261787	56.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	185550	11.956	ng	# 74
25) Isophorone	7.39	82	1417188	31.256	ng	# 65
50) Dimethylphthalate	9.59	163	329748	7.045	ng	99
57) 2,4-Dinitrotoluene	9.87	165	84748	6.705	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	43584	2.919	ng	# 1

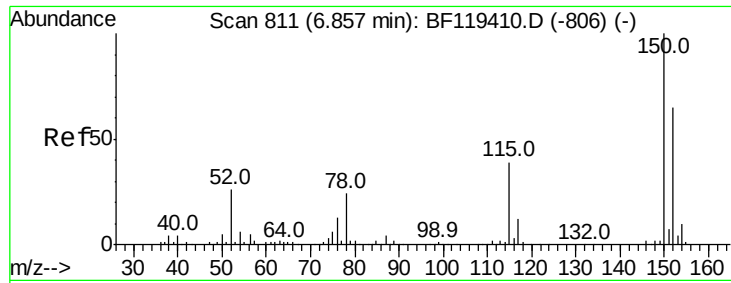
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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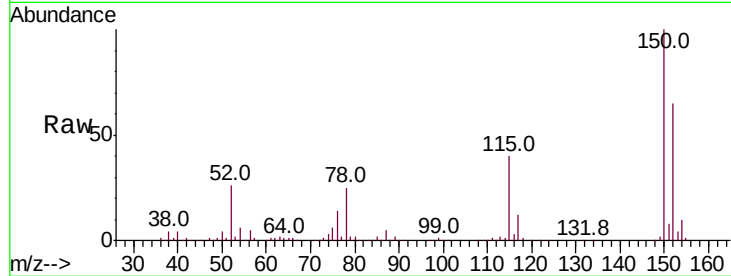


#1

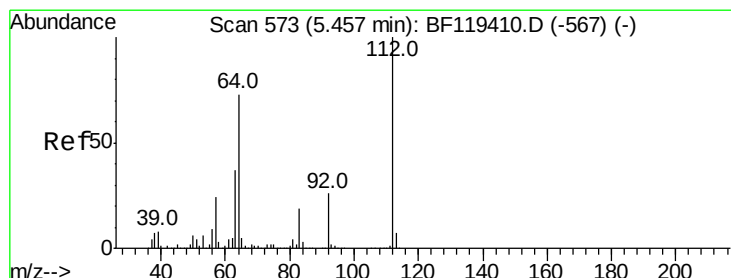
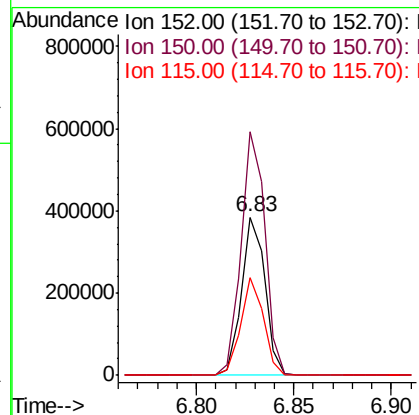
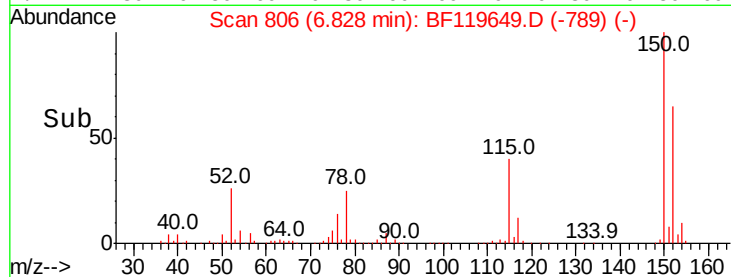
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF119649.D
 Acq: 31 Mar 2020 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.5	186.7
115	61.5	49.6	74.4



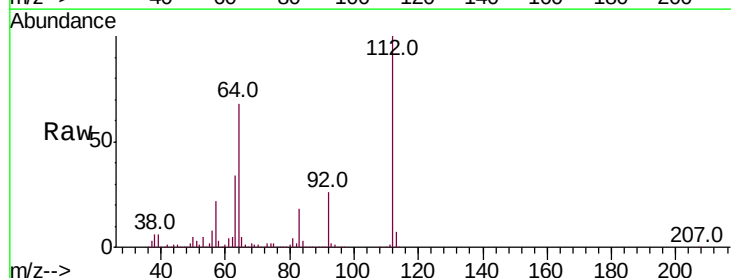
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



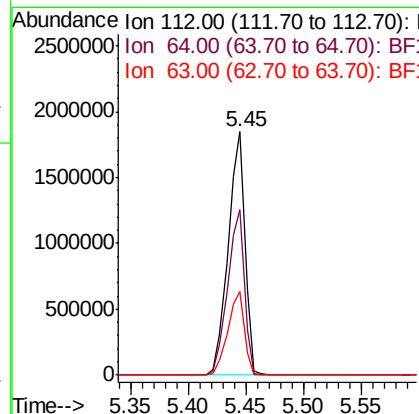
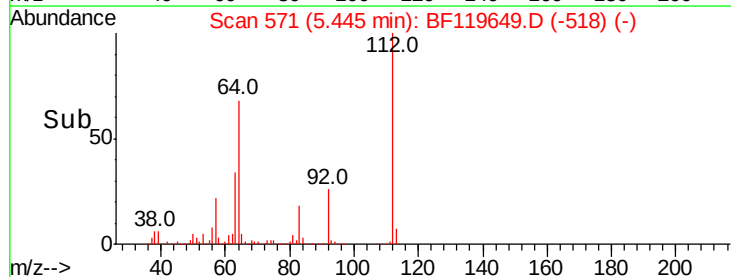
#5

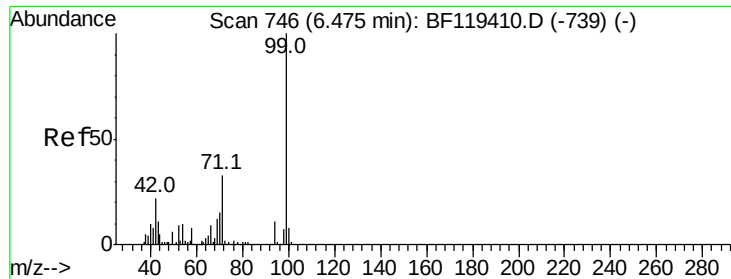
2-Fluorophenol
 Concen: 92.338 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF119649.D
 Acq: 31 Mar 2020 14:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.7	85.1
63	34.3	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: 90.911 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Instrument :

BNA_F

ClientSampleId :

SB-2-(10-12)

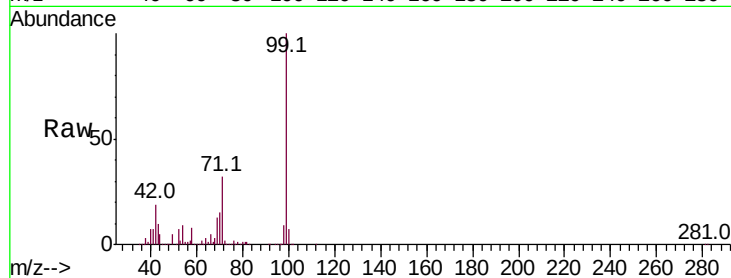
Tot Ion: 99 Resp: 2340664

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

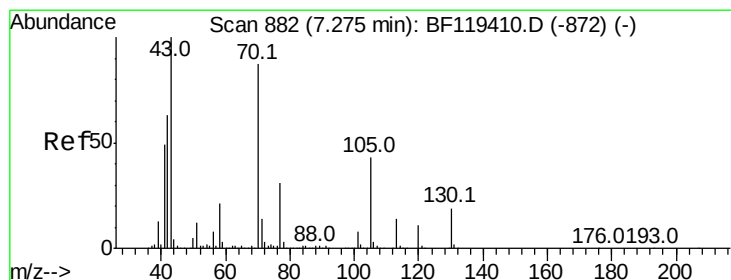
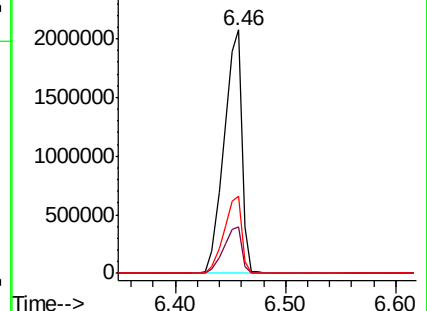
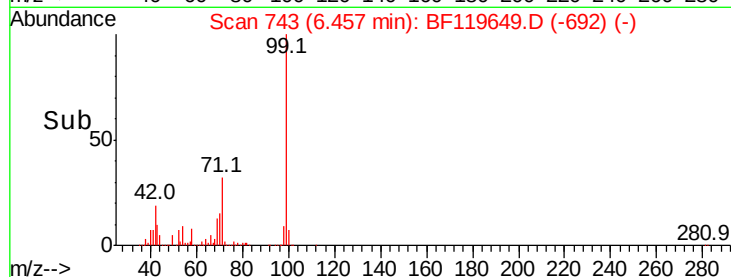
71 31.7 26.4 39.6



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: 11.956 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Tgt Ion: 70 Resp: 185550

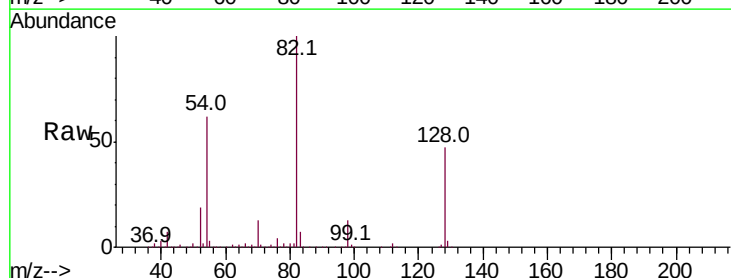
Ion Ratio Lower Upper

70 100

42 51.3 54.5 81.7#

101 0.0 7.6 11.4#

130 1.9 17.6 26.4#

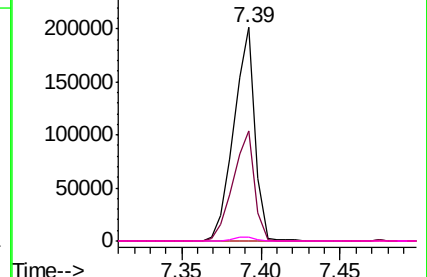
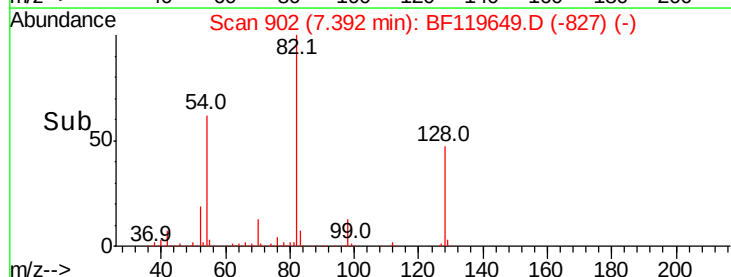


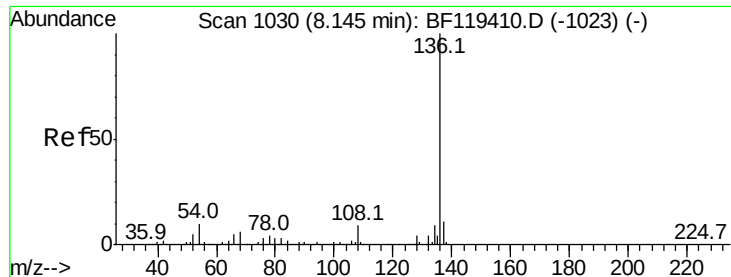
Abundance Ion 70.00 (69.70 to 70.70): BF1

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. -0.00 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Instrument :

BNA_F

ClientSampleId :

SB-2-(10-12)

Tot Ion:136 Resp: 1214775

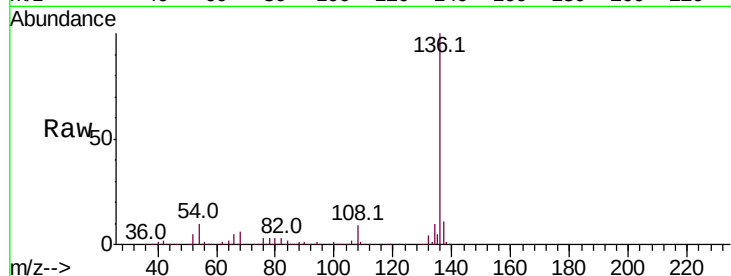
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.0 9.1 13.7

68 6.2 4.6 6.8

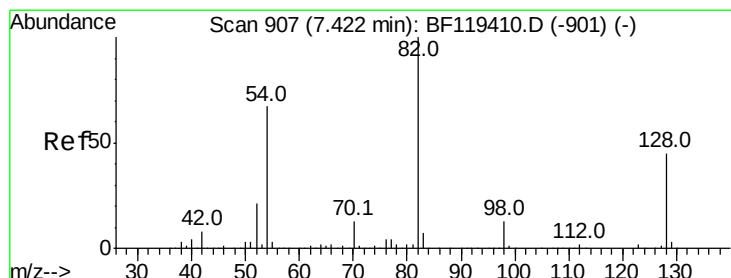
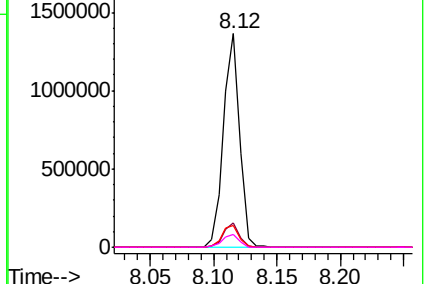
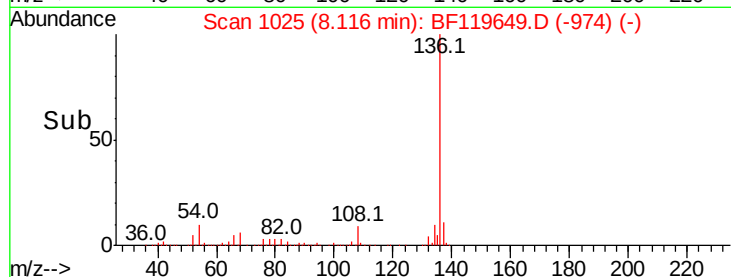


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.134 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

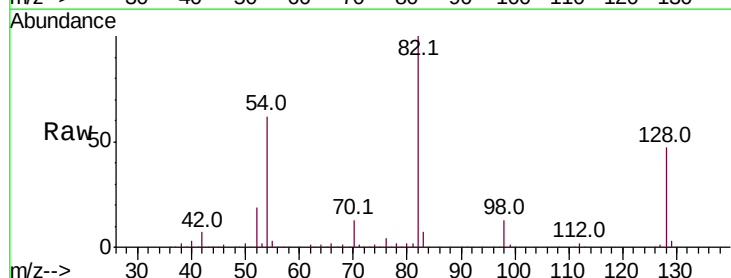
Tgt Ion: 82 Resp: 1433519

Ion Ratio Lower Upper

82 100

128 47.2 36.3 54.5

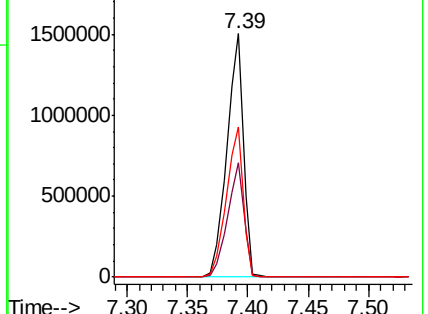
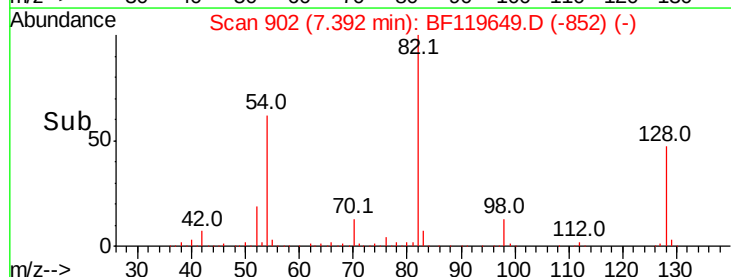
54 61.6 50.6 75.8

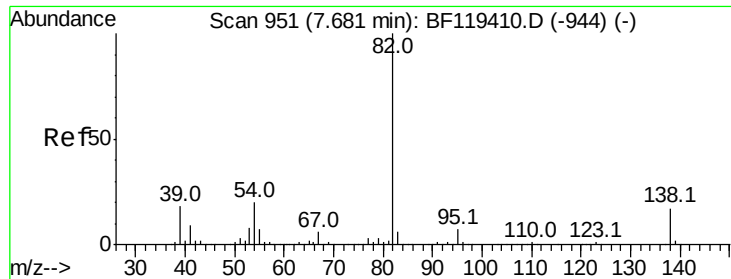


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.256 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Instrument :

BNA_F

ClientSampleId :

SB-2-(10-12)

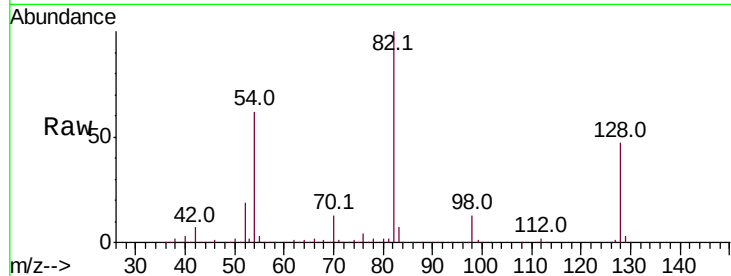
Tot Ion: 82 Resp: 1417188

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

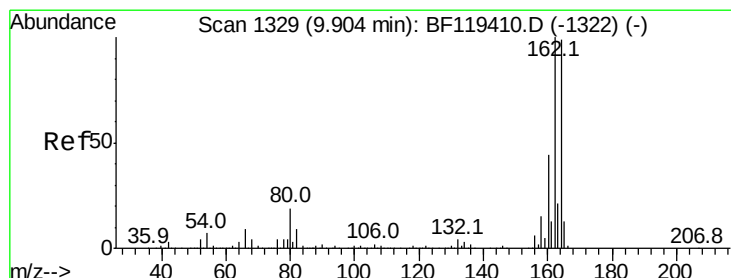
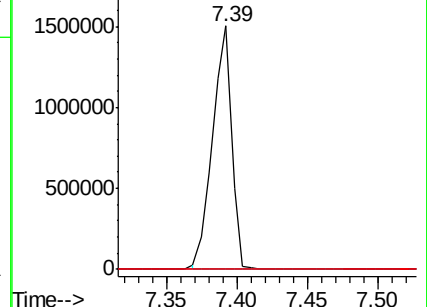
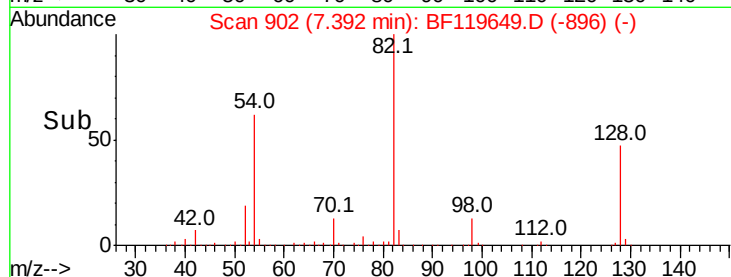
138 0.0 14.6 21.8#



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: BF119649.D

Acq: 31 Mar 2020 14:06

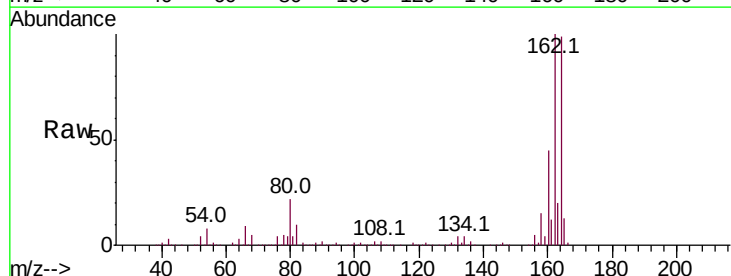
Tgt Ion:164 Resp: 658981

Ion Ratio Lower Upper

164 100

162 101.2 80.6 121.0

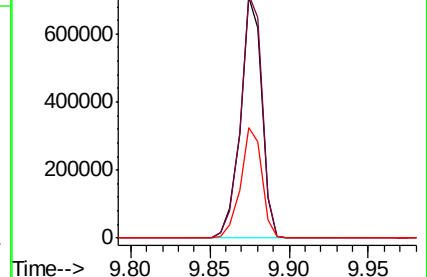
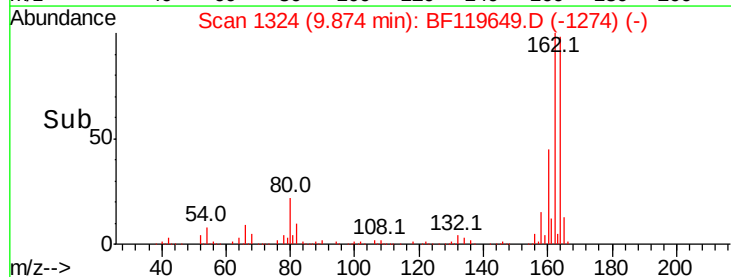
160 45.7 35.7 53.5

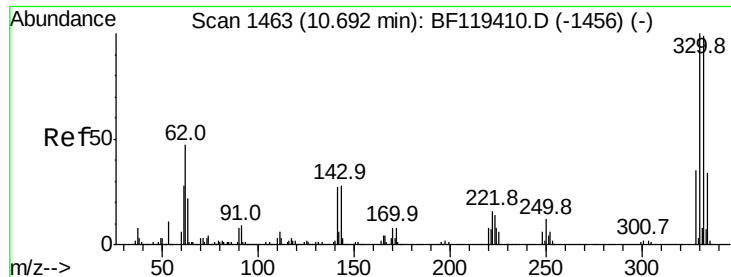


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

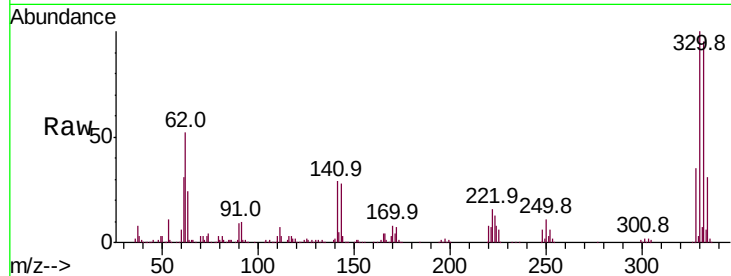




#42
 2,4,6-Tribromophenol
 Concen: 106.170 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119649.D
 Acq: 31 Mar 2020 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-(10-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	30.0	25.4	38.0

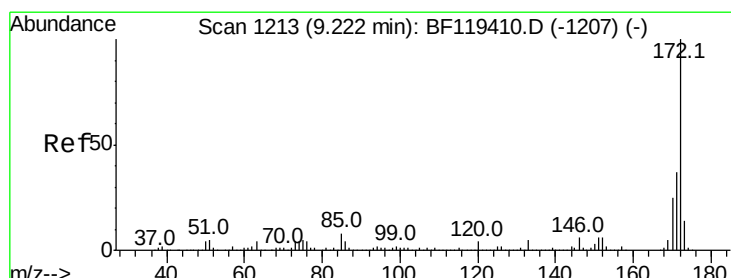
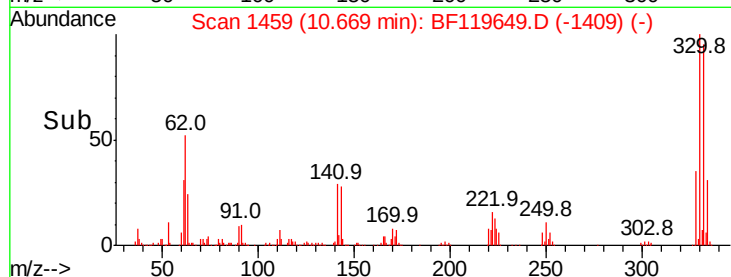
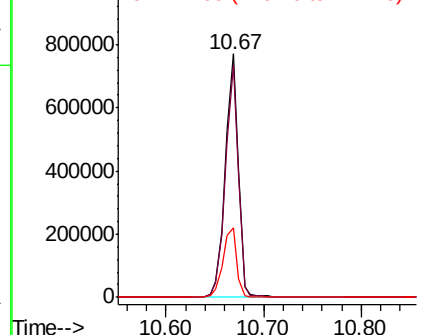


Abundance

Ion 329.80 (329.50 to 330.50): E

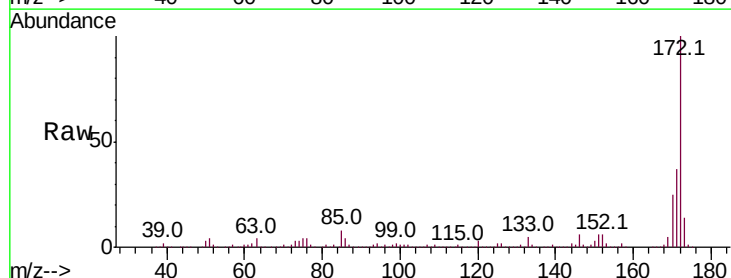
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.123 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF119649.D
 Acq: 31 Mar 2020 14:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.6	20.2	30.2

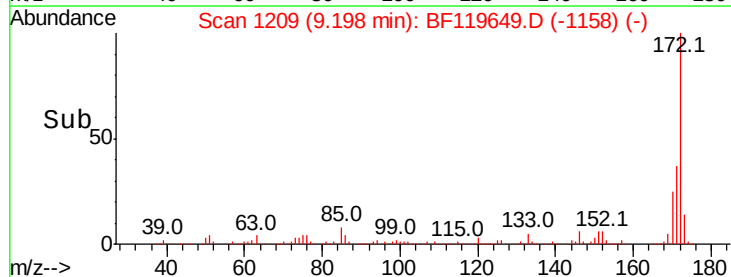
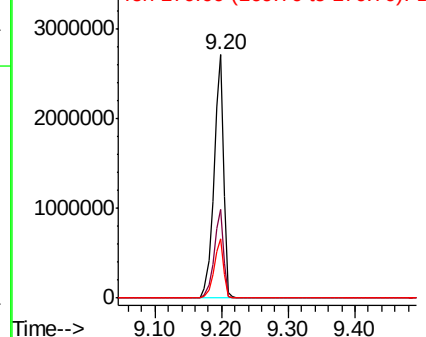


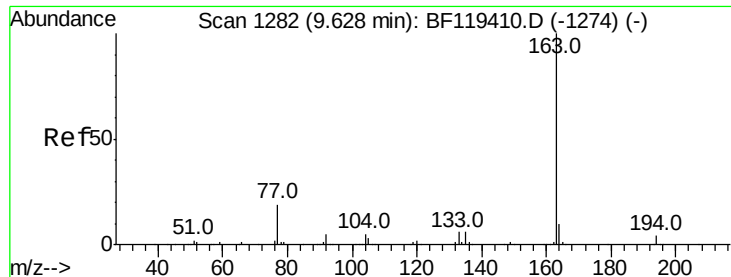
Abundance

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: 7.045 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Instrument :

BNA_F

ClientSampleId :

SB-2-(10-12)

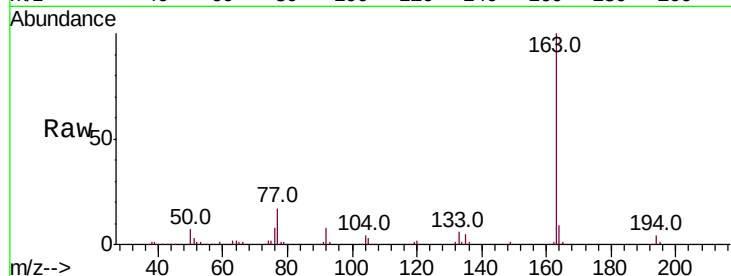
Tot Ion:163 Resp: 329748

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

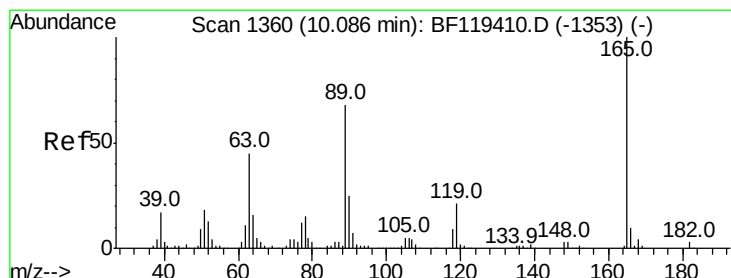
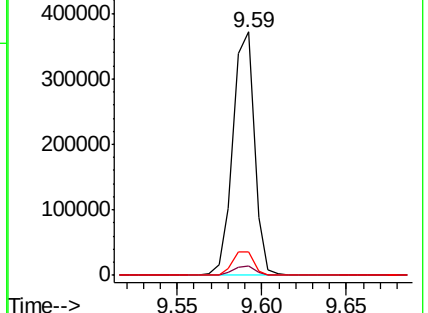
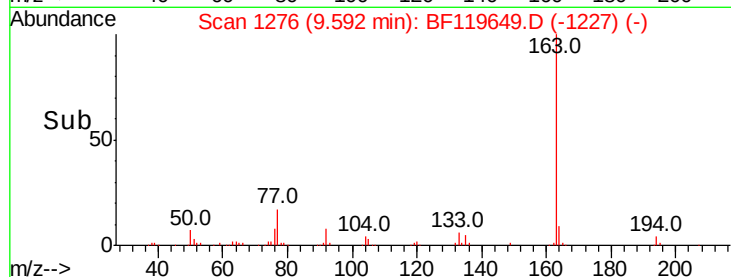
164 9.5 8.2 12.2



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: 6.705 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Tgt Ion:165 Resp: 84748

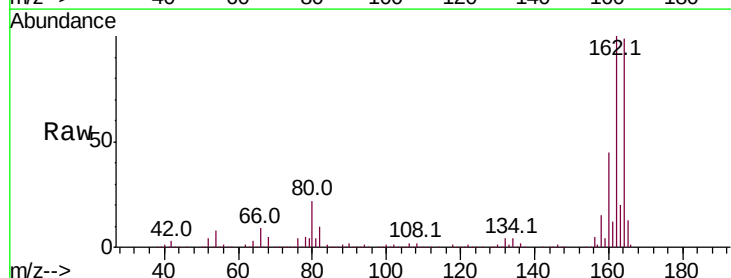
Ion Ratio Lower Upper

165 100

63 0.9 42.6 64.0#

89 1.2 61.0 91.4#

182 0.0 2.2 3.2#

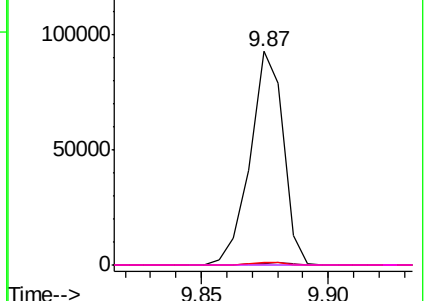
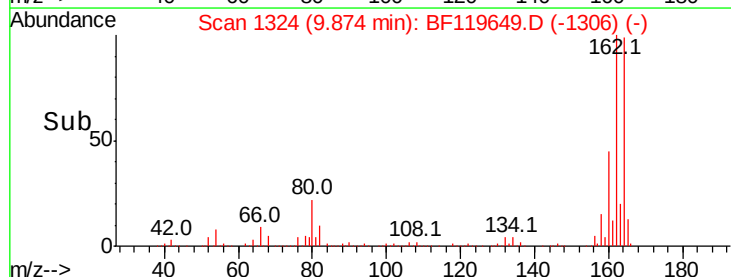


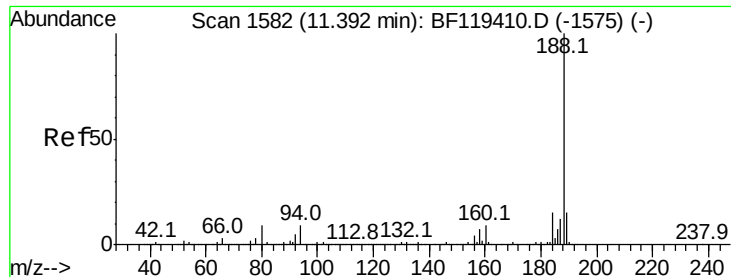
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Instrument :

BNA_F

ClientSampleId :

SB-2-(10-12)

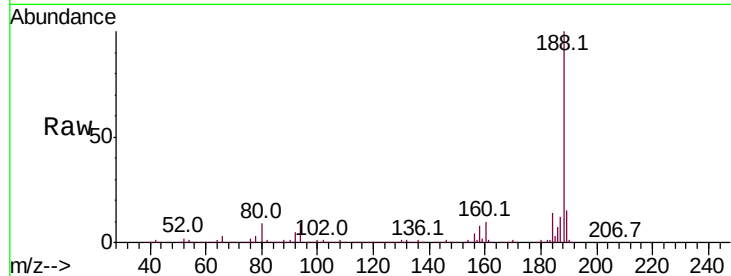
Tot Ion:188 Resp: 1311192

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

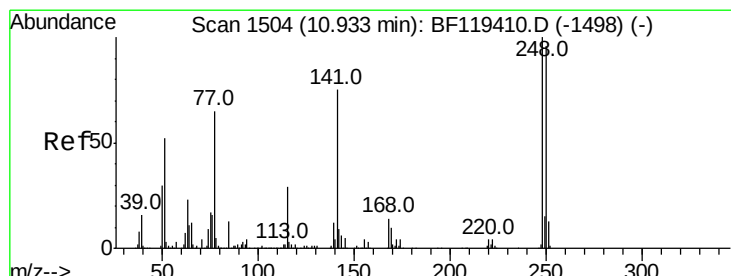
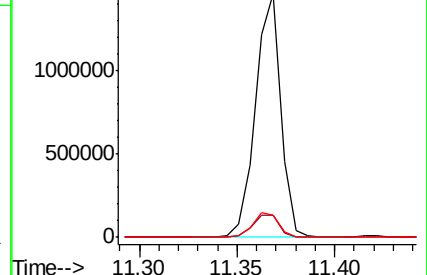
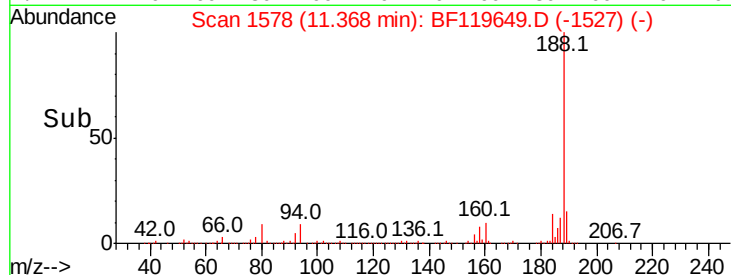
80 9.3 9.0 13.4



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: 2.919 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

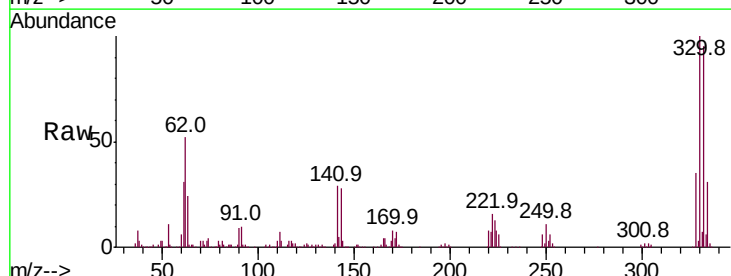
Tgt Ion:248 Resp: 43584

Ion Ratio Lower Upper

248 100

250 185.9 77.3 115.9#

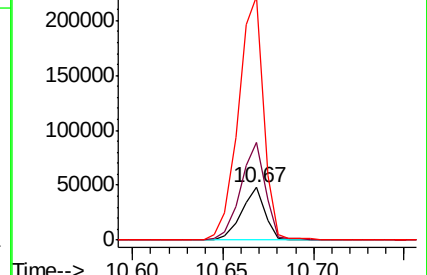
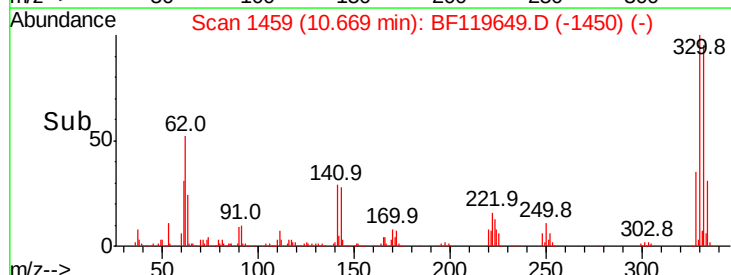
141 465.7 58.6 87.8#

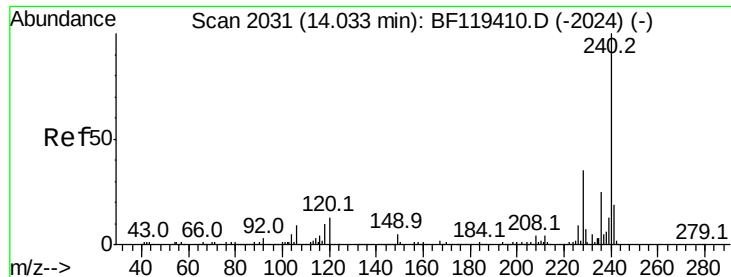


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

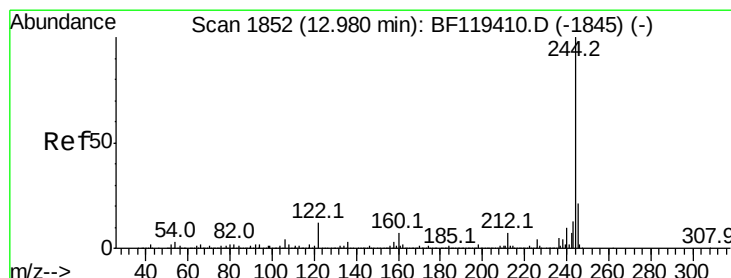
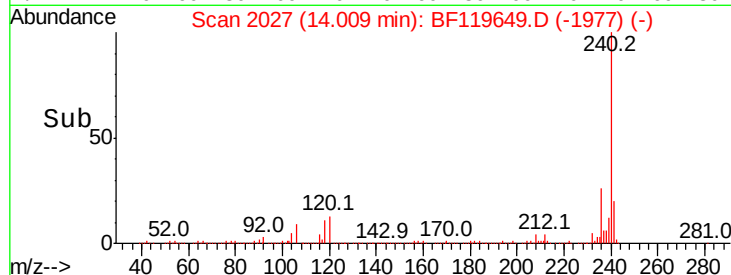
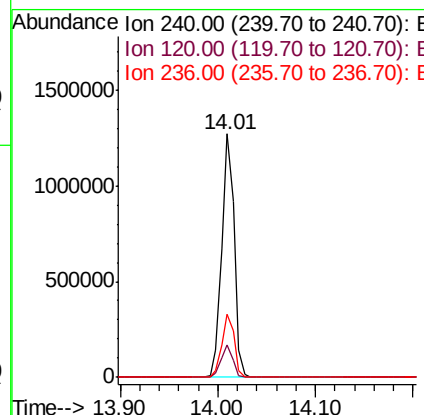
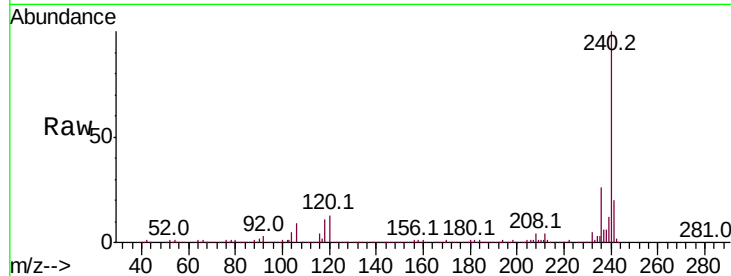




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119649.D
 Acq: 31 Mar 2020 14:06

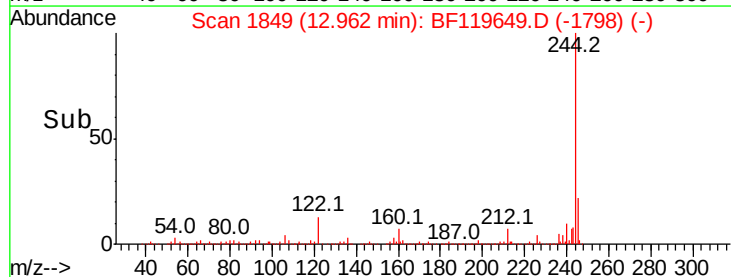
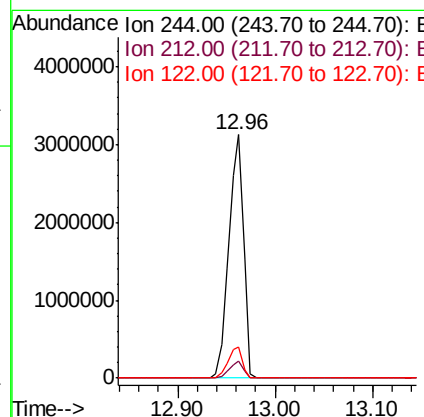
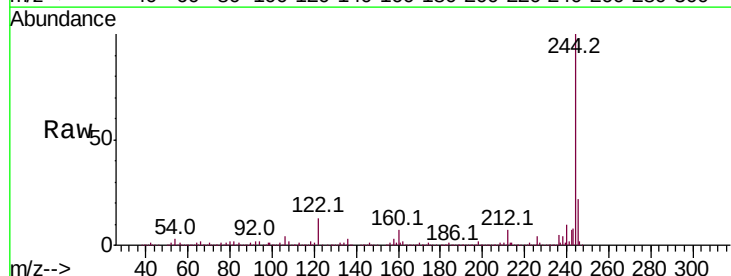
Instrument :
 BNA_F
 ClientSampleId :
 SB-2-(10-12)

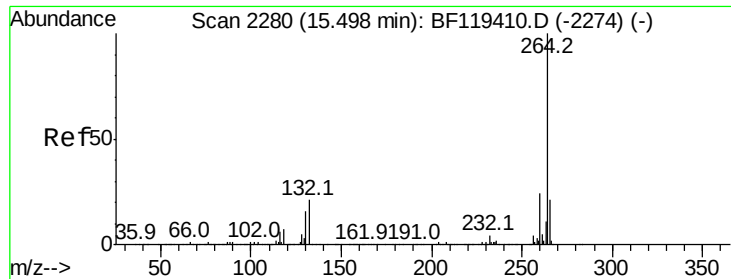
Tot Ion:240 Resp: 1125649
 Ion Ratio Lower Upper
 240 100
 120 13.2 10.6 15.8
 236 26.2 20.2 30.2



#79
 Terphenyl-d14
 Concen: 56.772 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF119649.D
 Acq: 31 Mar 2020 14:06

Tgt Ion:244 Resp: 3261787
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.6 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119649.D
Acq: 31 Mar 2020 14:06

Instrument :
BNA_F
ClientSampleId :
SB-2-(10-12)

Tot Ion:264 Resp: 1183902

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.8	17.7	26.5

