

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033020\
 Data File : BF119641.D
 Acq On : 30 Mar 2020 18:59
 Operator : MA/SJ
 Sample : L2042-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-1.0-1.5

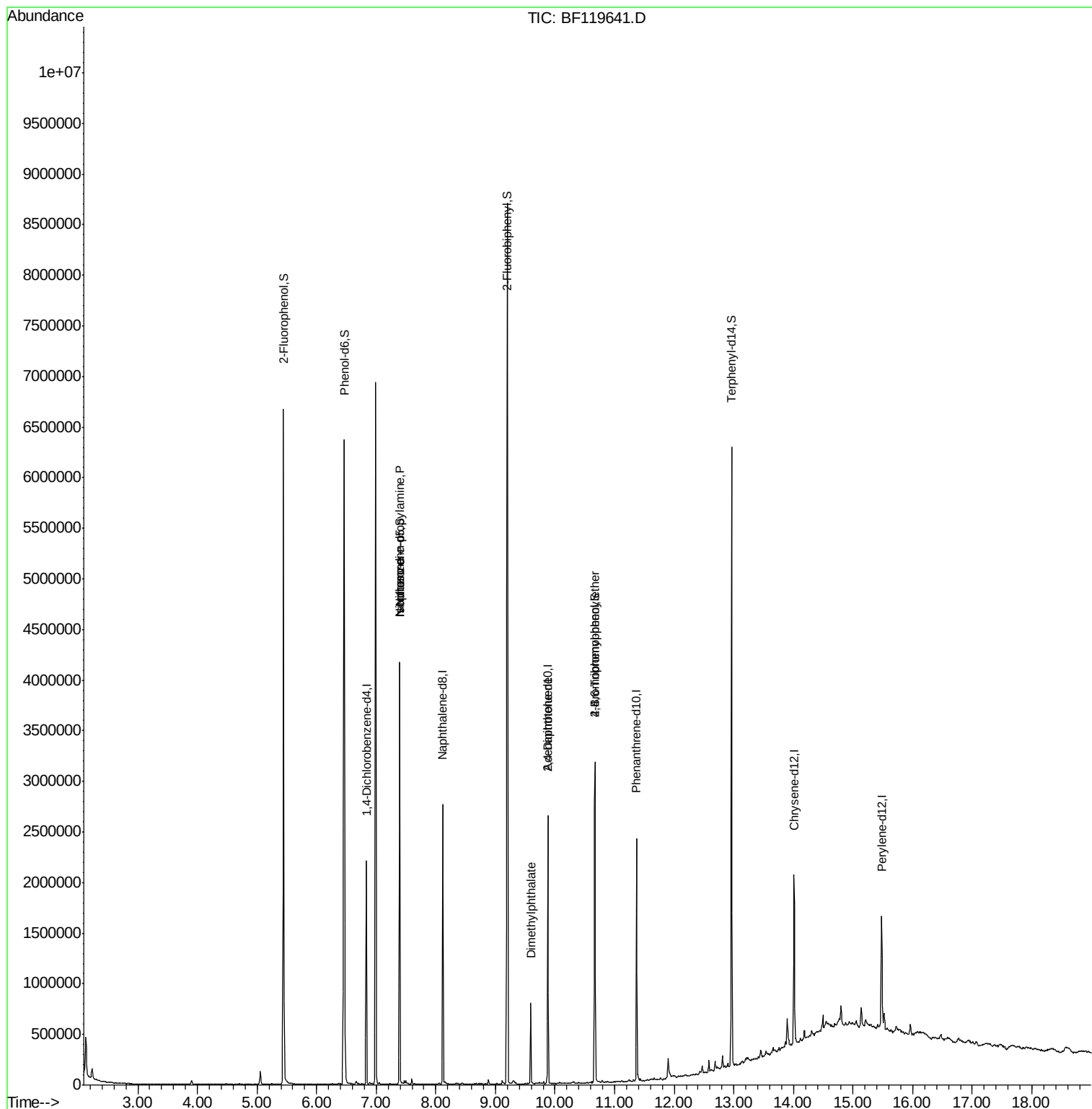
Quant Time: Mar 31 00:32:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

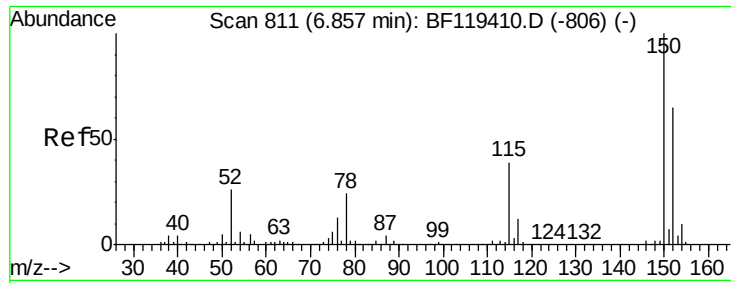
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	320186	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1149753	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	527557	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	809602	20.00	ng	0.00
76) Chrysene-d12	14.01	240	569199	20.00	ng	0.00
87) Perylene-d12	15.48	264	498646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2049709	101.91	ng	0.01
7) Phenol-d6	6.46	99	2669203	103.89	ng	0.00
23) Nitrobenzene-d5	7.39	82	1306459	61.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	392988	72.21	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2801338	78.67	ng	0.00
79) Terphenyl-d14	12.96	244	2253265	77.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	171491	11.07	ng	# 75
25) Isophorone	7.39	82	1295194	30.18	ng	# 65
50) Dimethylphthalate	9.59	163	294464	7.86	ng	99
57) 2,4-Dinitrotoluene	9.88	165	67683	6.69	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	23212	2.52	ng	# 1

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

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033020\  
Data File : BF119641.D  
Acq On    : 30 Mar 2020   18:59  
Operator  : MA/SJ  
Sample    : L2042-01  
Misc      :  
ALS Vial  : 14      Sample Multiplier: 1
```

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

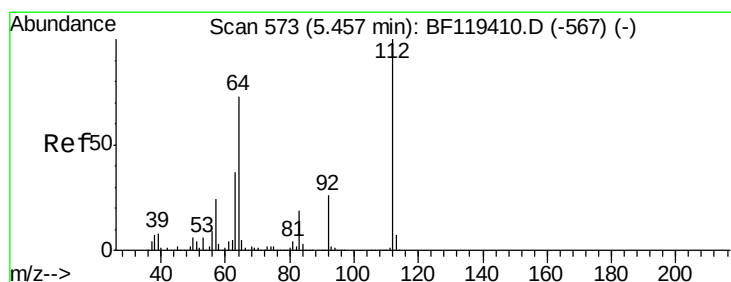
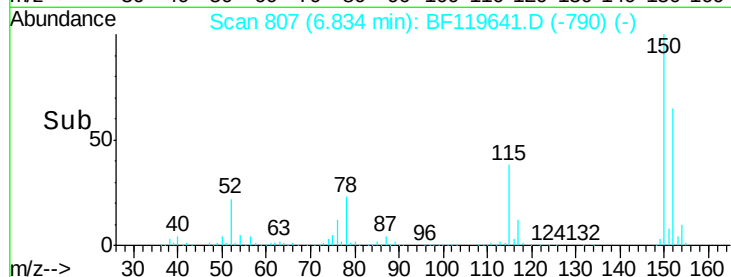
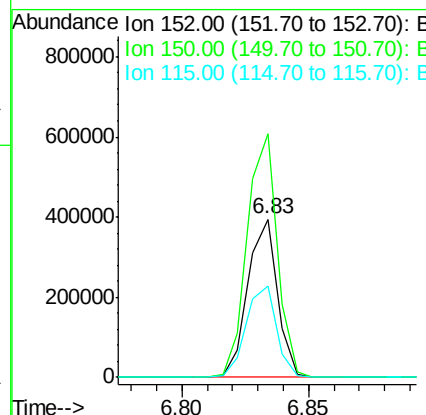
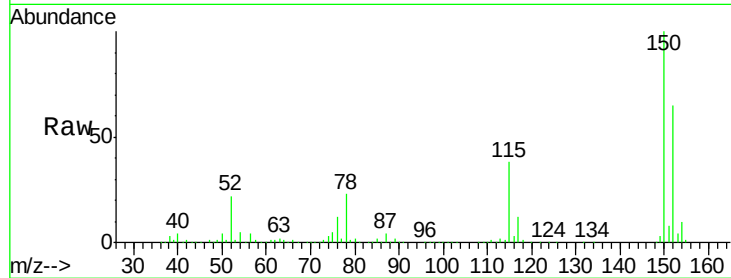




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF119641.D
 Acq: 30 Mar 2020 18:59

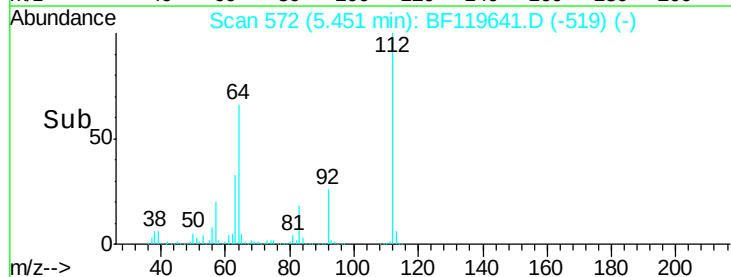
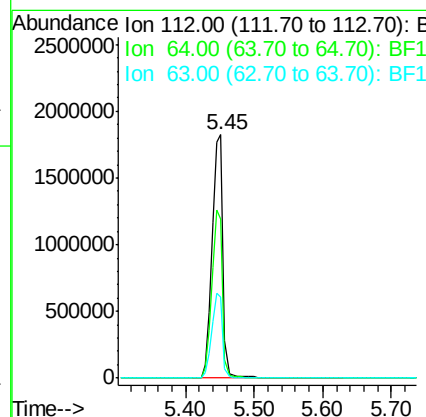
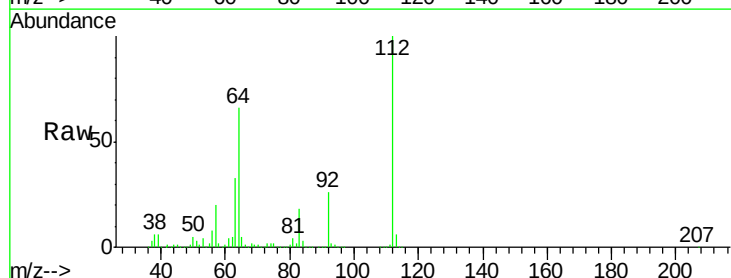
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-1.0-1.5

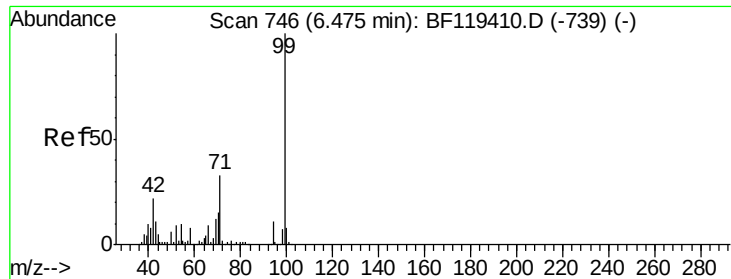
Tgt Ion:152 Resp: 320186
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.5 186.7
 115 58.0 49.6 74.4



#5
 2-Fluorophenol
 Concen: 101.91 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF119641.D
 Acq: 30 Mar 2020 18:59

Tgt Ion:112 Resp: 2049709
 Ion Ratio Lower Upper
 112 100
 64 65.6 56.7 85.1
 63 33.1 29.5 44.3





#7

Phenol-d6

Concen: 103.89 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

SB-01-1.0-1.5

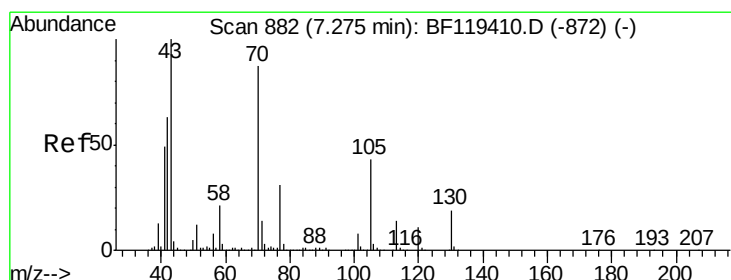
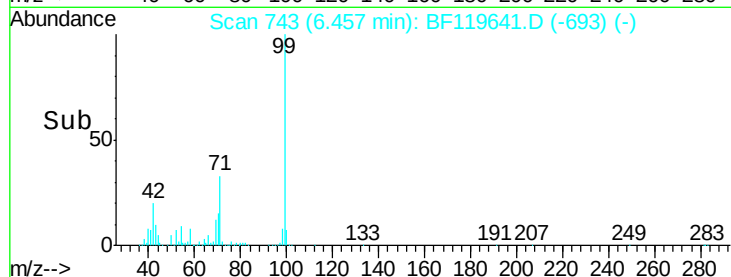
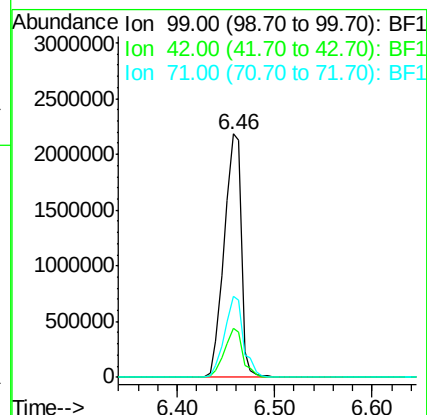
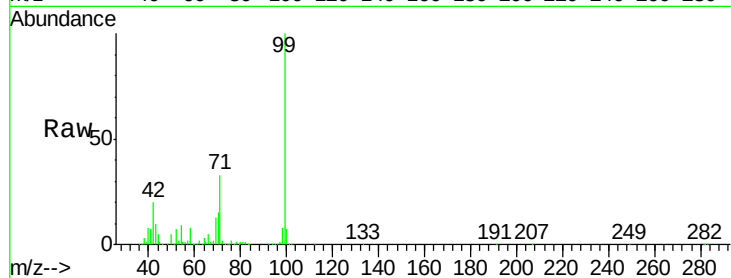
Tgt Ion: 99 Resp: 2669203

Ion Ratio Lower Upper

99 100

42 20.4 16.6 24.8

71 33.1 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.07 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

Tgt Ion: 70 Resp: 171491

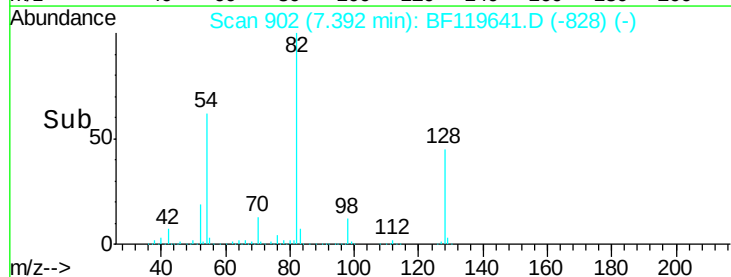
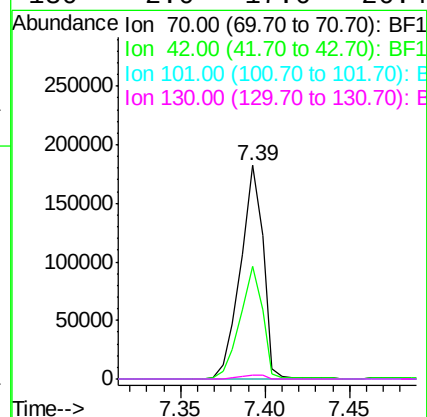
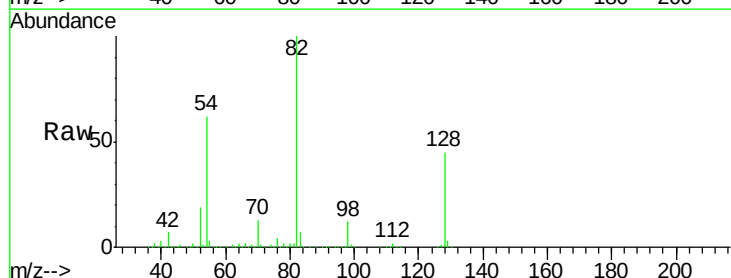
Ion Ratio Lower Upper

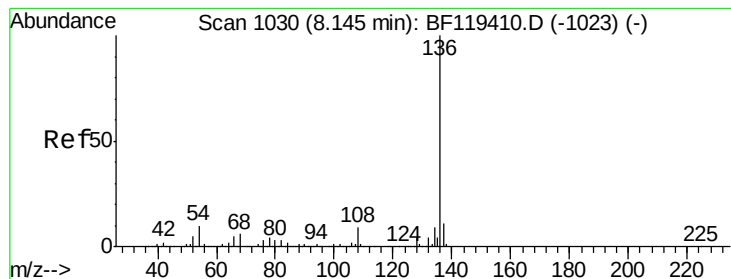
70 100

42 52.6 54.5 81.7#

101 0.0 7.6 11.4#

130 2.0 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

SB-01-1.0-1.5

Tgt Ion:136 Resp: 1149753

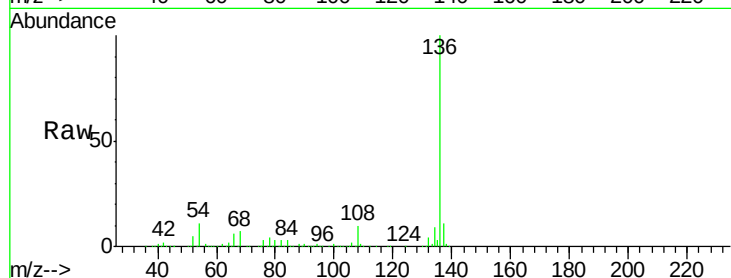
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 11.0 9.1 13.7

68 6.7 4.6 6.8

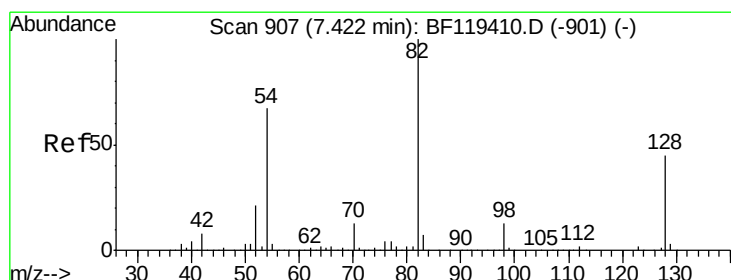
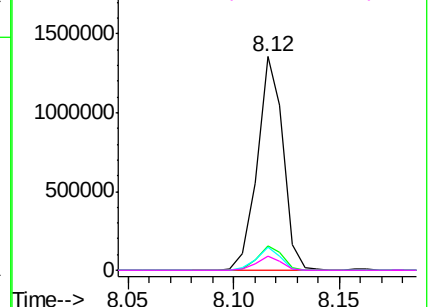
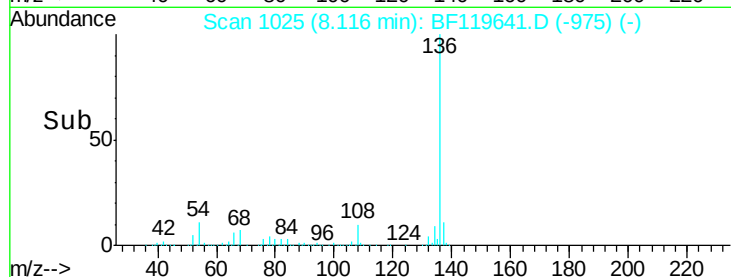


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.76 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

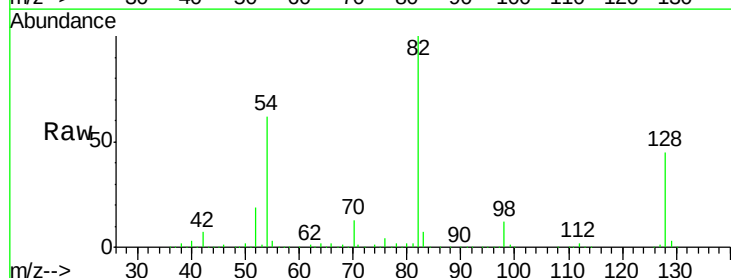
Tgt Ion: 82 Resp: 1306459

Ion Ratio Lower Upper

82 100

128 45.2 36.3 54.5

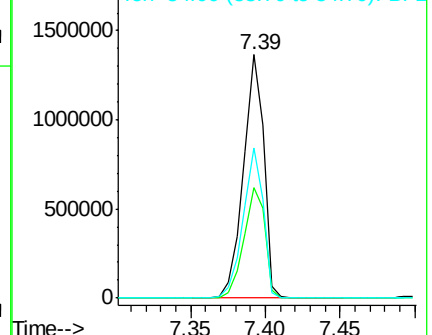
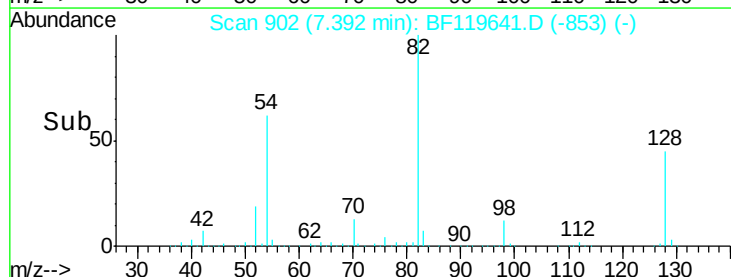
54 61.8 50.6 75.8

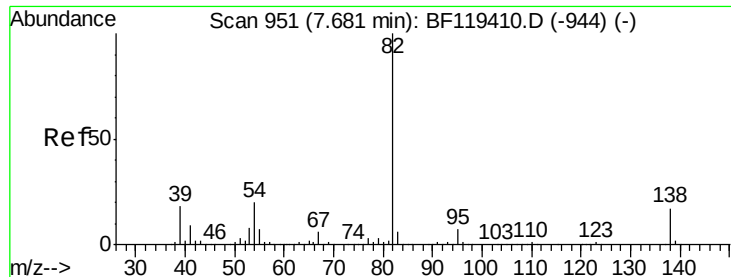


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.18 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

SB-01-1.0-1.5

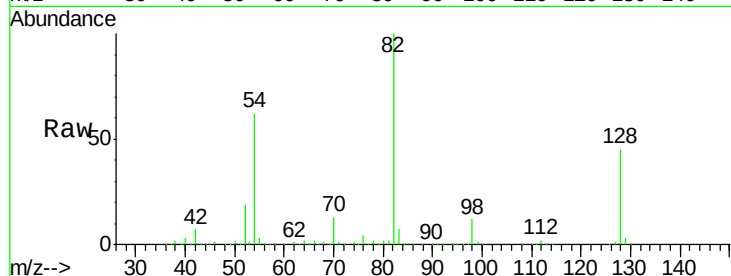
Tgt Ion: 82 Resp: 1295194

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

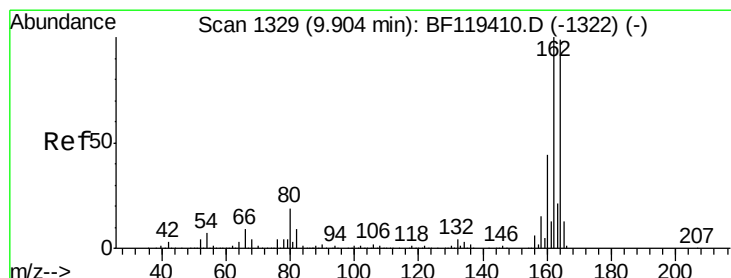
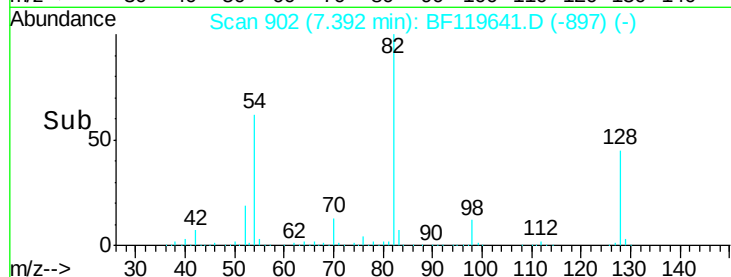
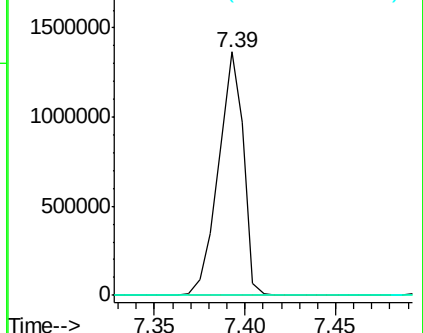
138 0.0 14.6 21.8#



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: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

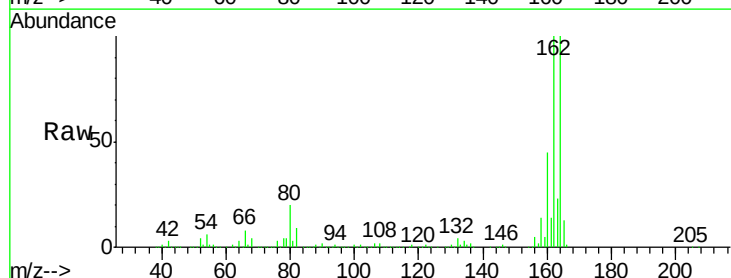
Tgt Ion: 164 Resp: 527557

Ion Ratio Lower Upper

164 100

162 100.0 80.6 121.0

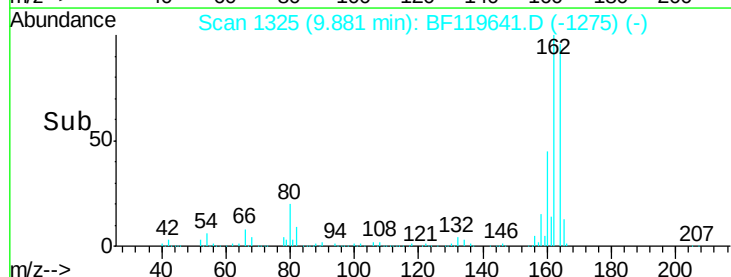
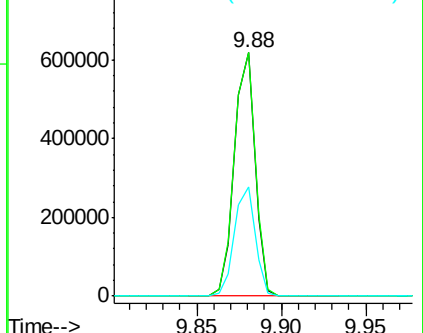
160 44.8 35.7 53.5

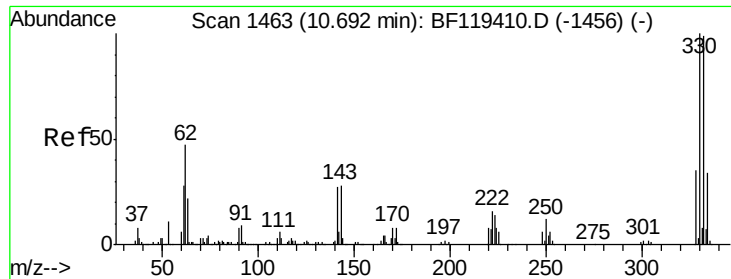


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

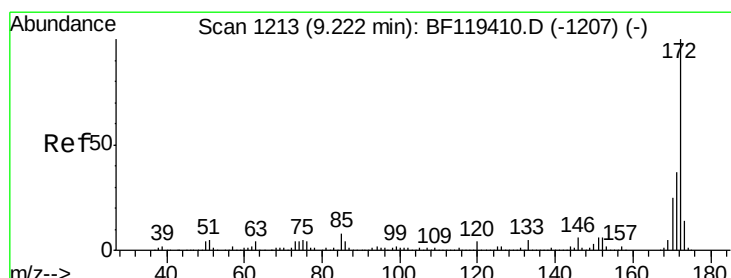
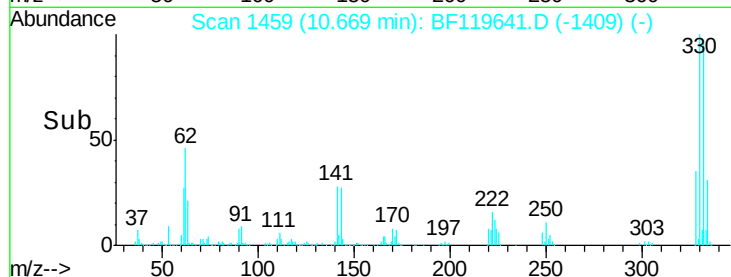
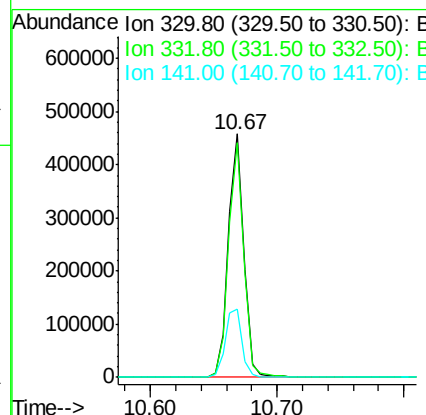
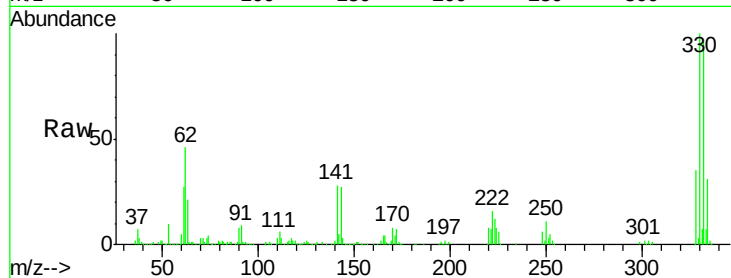




#42
 2,4,6-Tribromophenol
 Concen: 72.21 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119641.D
 Acq: 30 Mar 2020 18:59

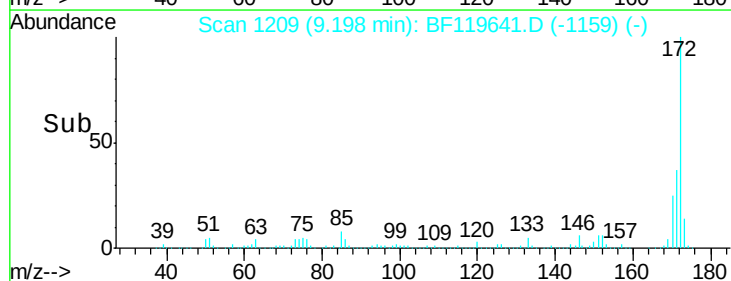
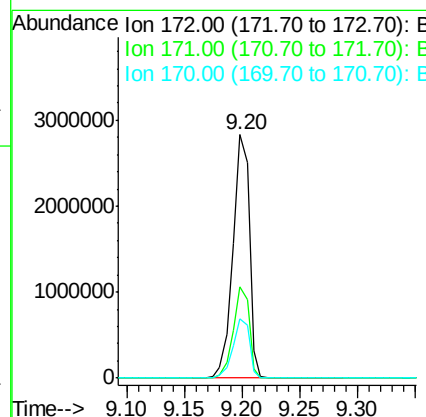
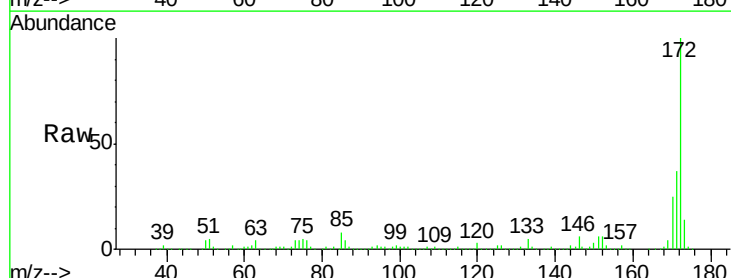
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-1.0-1.5

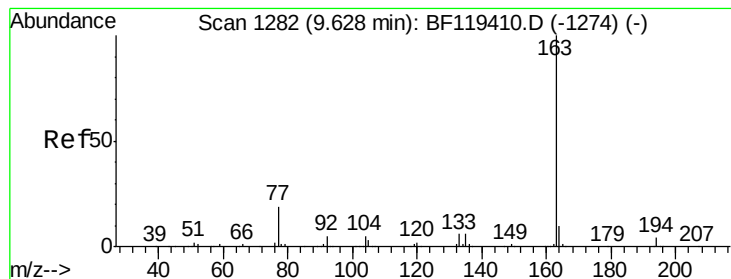
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	31.0	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 78.67 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119641.D
 Acq: 30 Mar 2020 18:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	24.6	20.2	30.2





#50

Dimethylphthalate

Concen: 7.86 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

SB-01-1.0-1.5

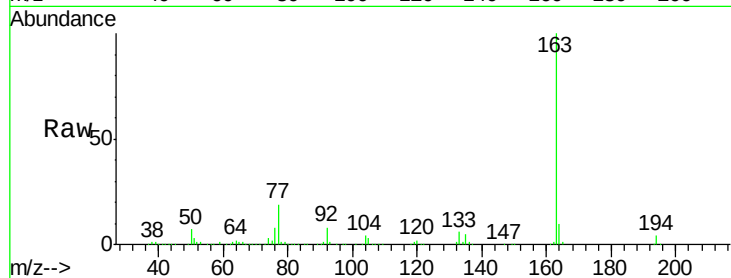
Tgt Ion:163 Resp: 294464

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

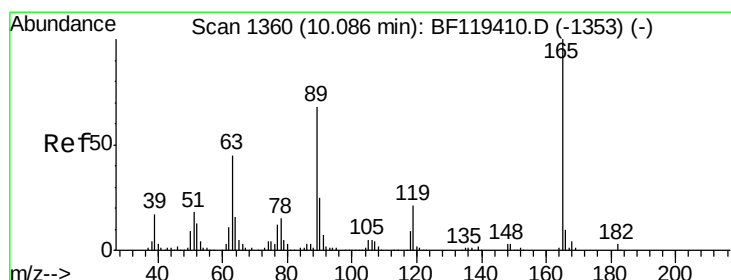
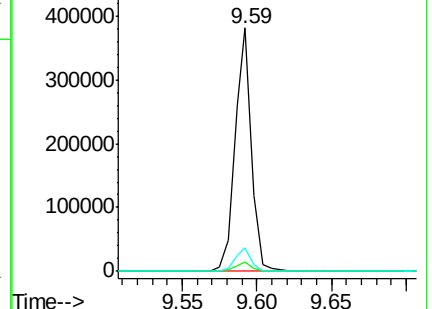
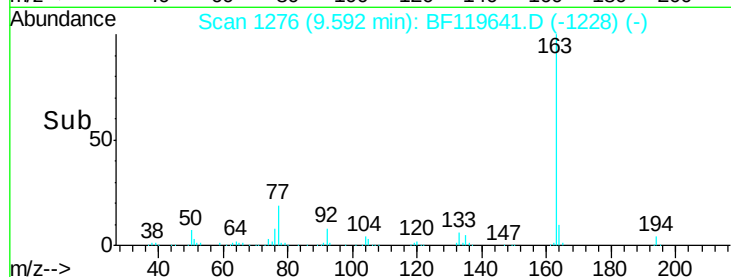
164 9.8 8.2 12.2



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: 6.69 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

Tgt Ion:165 Resp: 67683

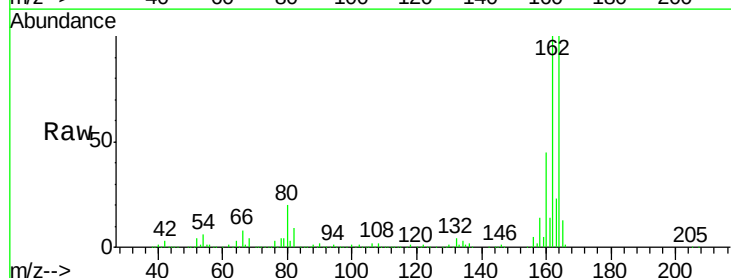
Ion Ratio Lower Upper

165 100

63 1.2 42.6 64.0#

89 1.0 61.0 91.4#

182 0.0 2.2 3.2#

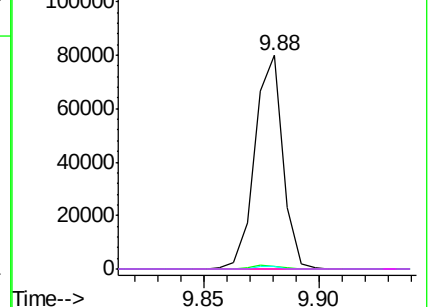
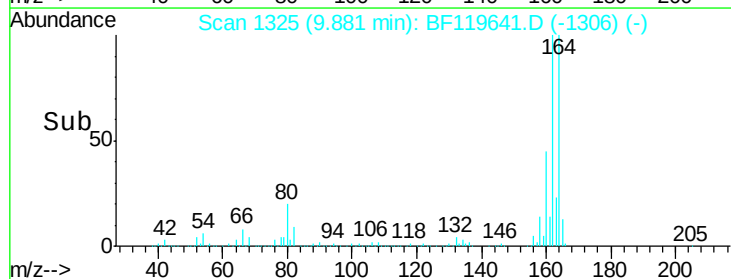


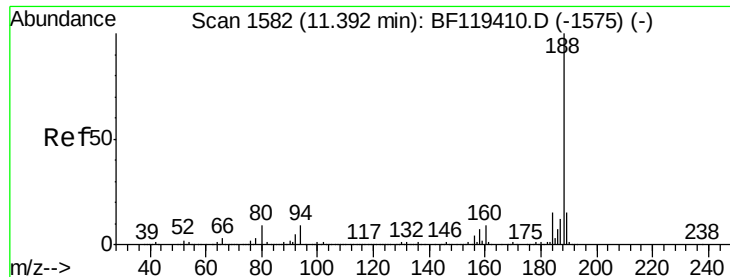
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

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SB-01-1.0-1.5

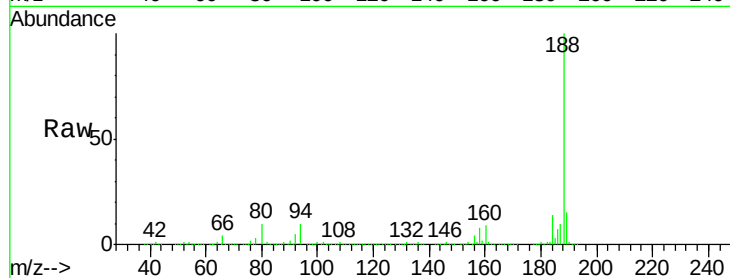
Tgt Ion:188 Resp: 809602

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

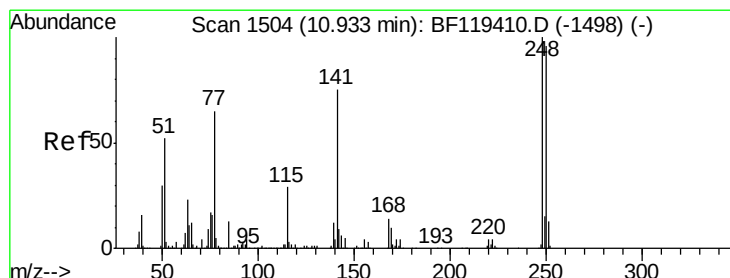
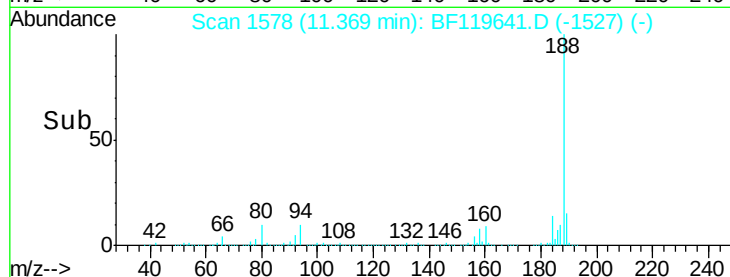
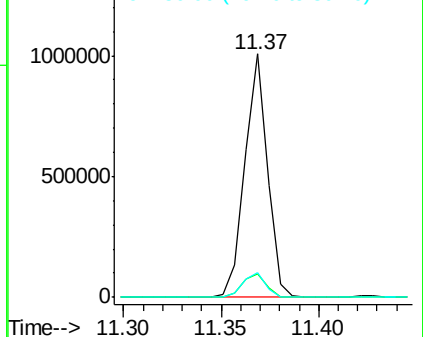
80 10.4 9.0 13.4



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: 2.52 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

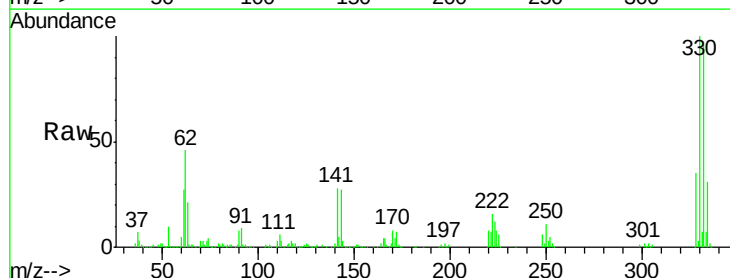
Tgt Ion:248 Resp: 23212

Ion Ratio Lower Upper

248 100

250 194.8 77.3 115.9#

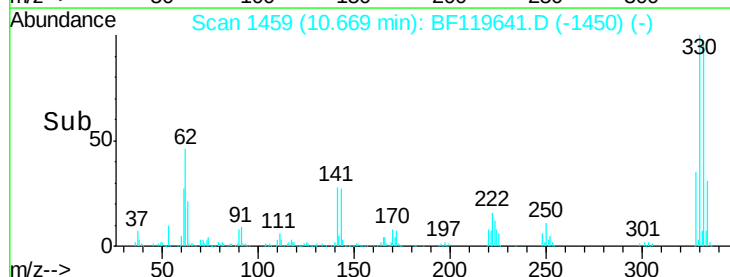
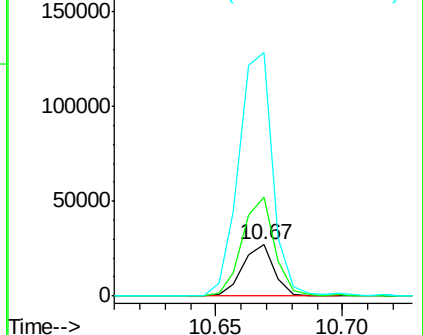
141 476.9 58.6 87.8#

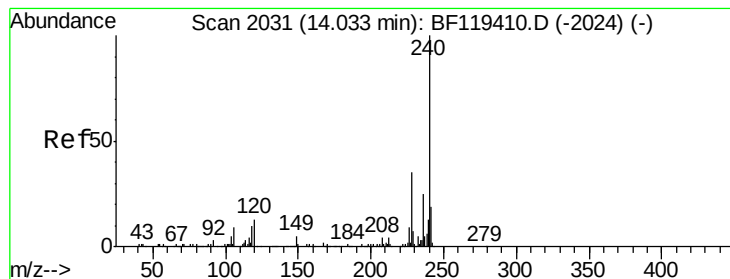


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

Instrument :

BNA_F

ClientSampleId :

SB-01-1.0-1.5

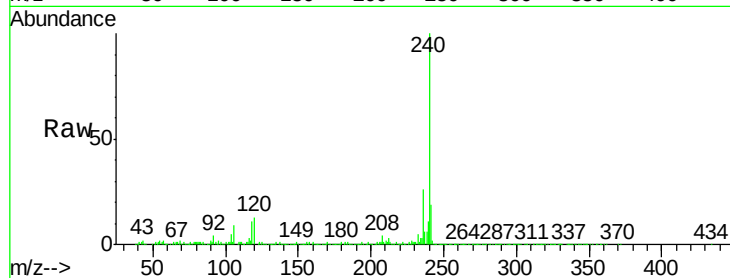
Tgt Ion:240 Resp: 569199

Ion Ratio Lower Upper

240 100

120 13.2 10.6 15.8

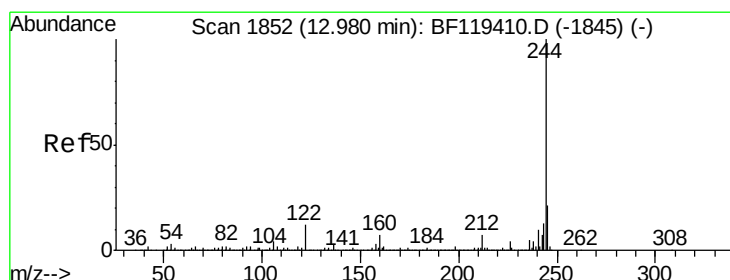
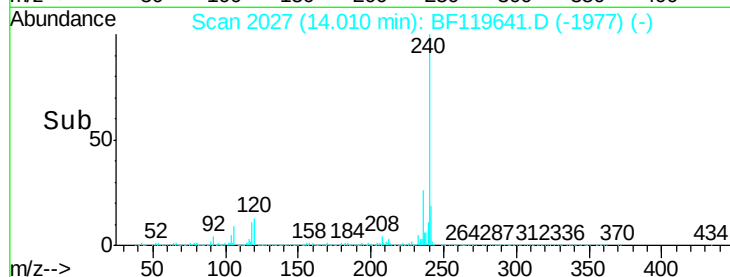
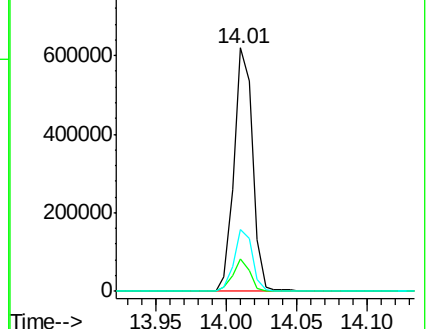
236 25.7 20.2 30.2



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: 77.56 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF119641.D

Acq: 30 Mar 2020 18:59

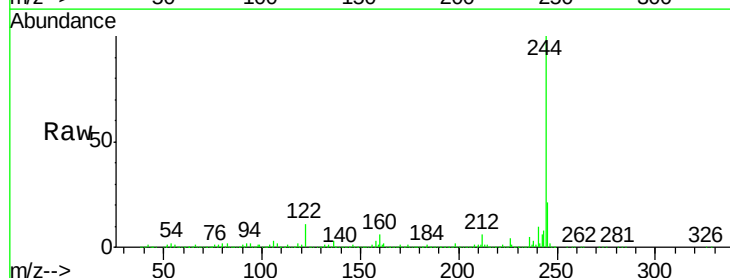
Tgt Ion:244 Resp: 2253265

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

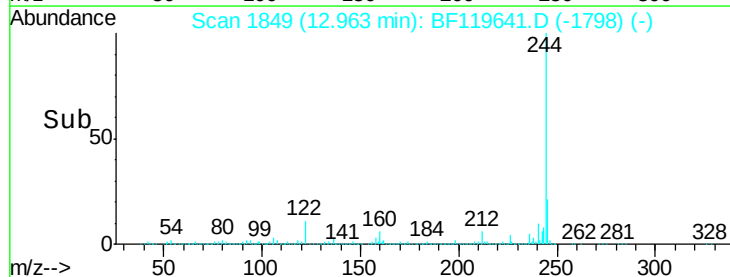
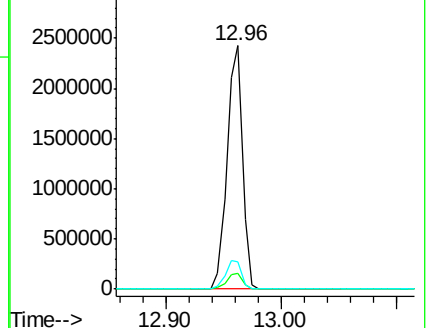
122 11.0 10.3 15.5

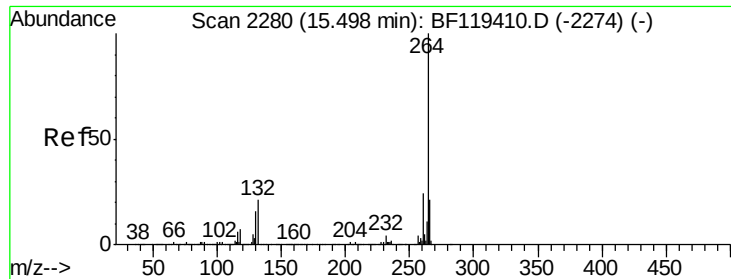


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF119641.D
Acq: 30 Mar 2020 18:59

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.2	17.7	26.5

