

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120906.D
 Acq On : 17 Jul 2020 1:20
 Operator : JU/CG
 Sample : L3308-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 14

Quant Time: Jul 17 01:58:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

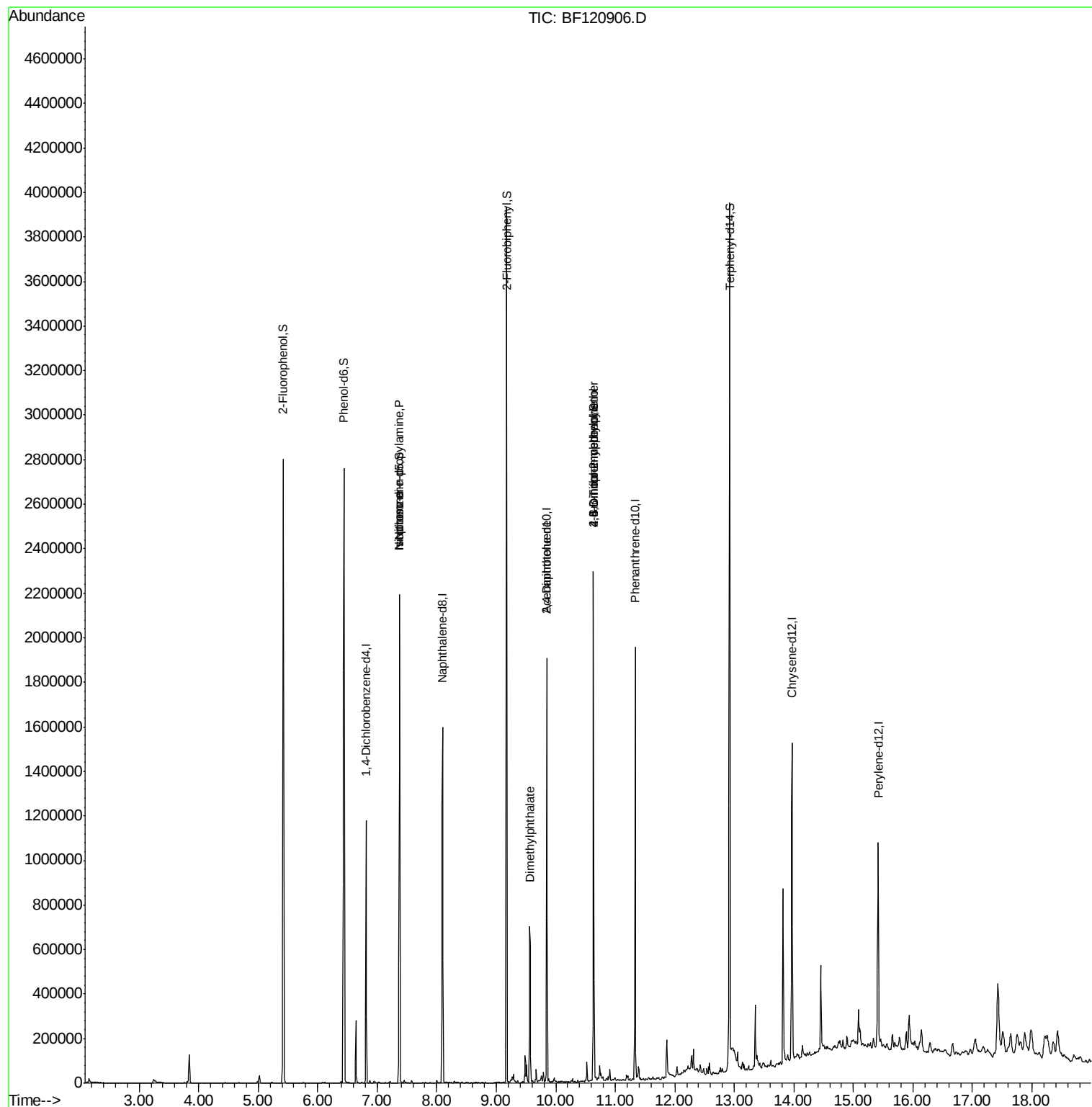
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	176375	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	669430	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	351887	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	667711	20.00	ng	0.00
76) Chrysene-d12	13.97	240	467151	20.00	ng	0.00
86) Perylene-d12	15.42	264	407459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	881846	81.97	ng	0.00
7) Phenol-d6	6.44	99	1094349	78.74	ng	0.00
23) Nitrobenzene-d5	7.37	82	644473	55.71	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	315525	81.92	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1171696	49.71	ng	0.00
79) Terphenyl-d14	12.92	244	1258476	58.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	403	Below Cal		86
19) n-Nitroso-di-n-propylamine	7.37	70	83525	10.569 ng	#	79
25) Isophorone	7.37	82	642213	27.814 ng	#	63
50) Dimethylphthalate	9.56	163	271448	10.693 ng		99
57) 2,4-Dinitrotoluene	9.85	165	45992	6.421 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.64	198	576	3.980 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	18504	2.486 ng	#	1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120906.D
Acq On : 17 Jul 2020 1:20
Operator : JU/CG
Sample : L3308-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
14

Quant Time: Jul 17 01:58:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



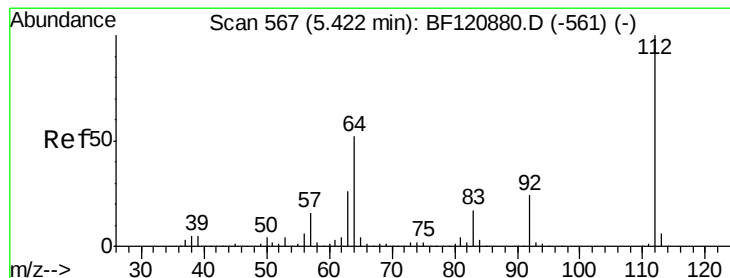
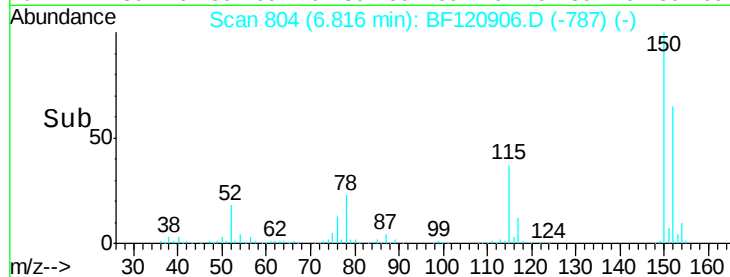
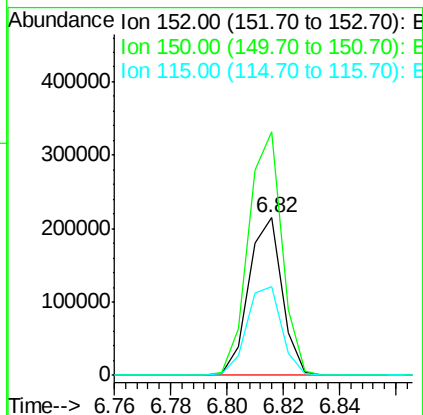
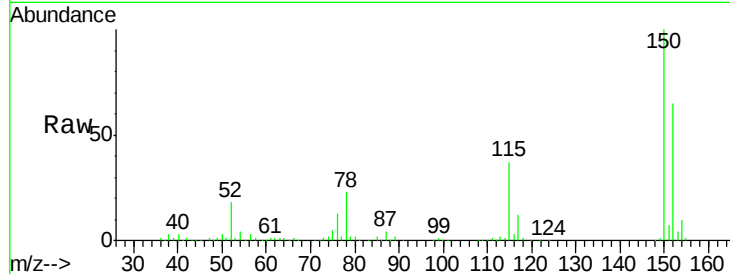


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120906.D
Acq: 17 Jul 2020 1:20

Instrument :
BNA_F
ClientSampleId :
14

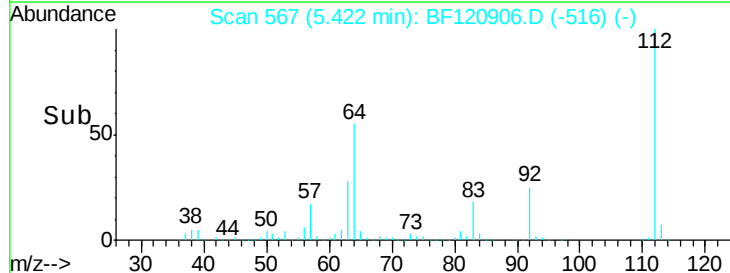
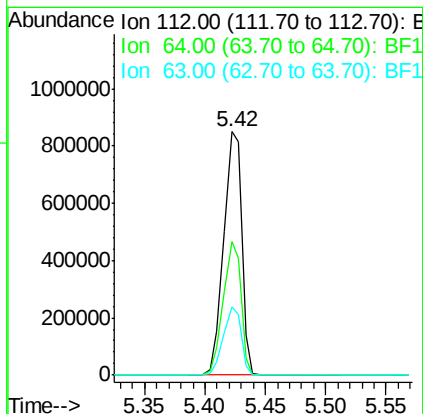
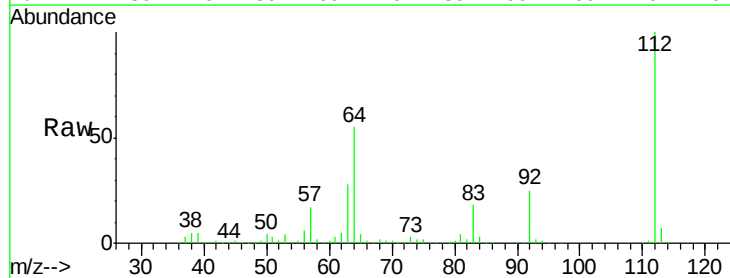
Tot Ion:152 Resp: 176375
Ion Ratio Lower Upper
152 100
150 154.3 125.0 187.6
115 56.5 47.0 70.4

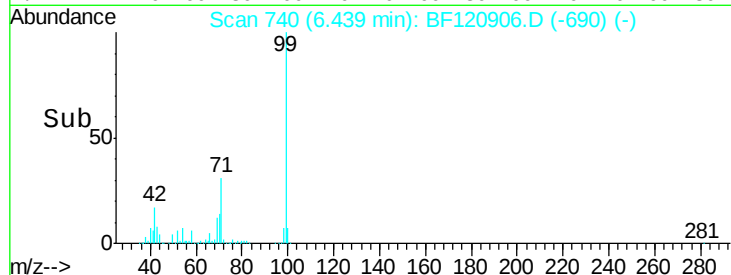
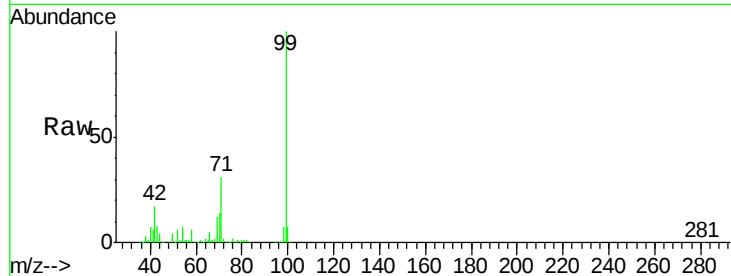


#5

2-Fluorophenol
Concen: 81.965 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120906.D
Acq: 17 Jul 2020 1:20

Tgt Ion:112 Resp: 881846
Ion Ratio Lower Upper
112 100
64 55.0 41.3 61.9
63 28.1 21.1 31.7





#7

Phenol-d6

Concen: 78.744 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120906.D

Acq: 17 Jul 2020 1:20

Instrument :

BNA_F

ClientSampled :

14

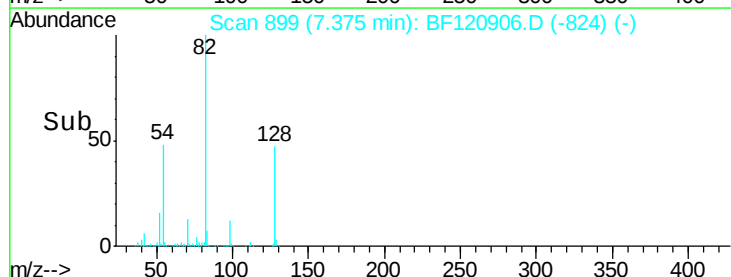
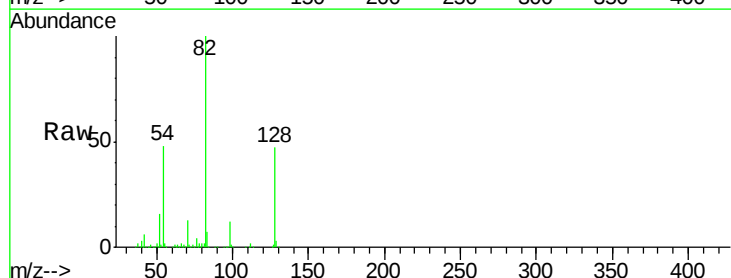
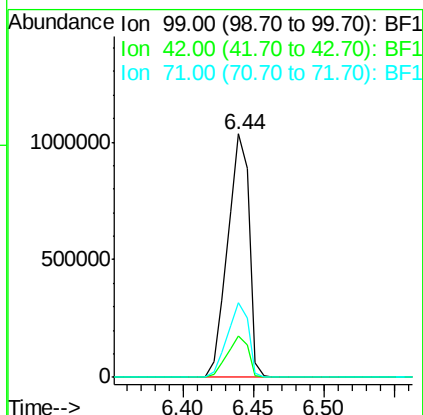
Tot Ion: 99 Resp: 1094349

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 30.8 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.569 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120906.D

Acq: 17 Jul 2020 1:20

Tgt Ion: 70 Resp: 83525

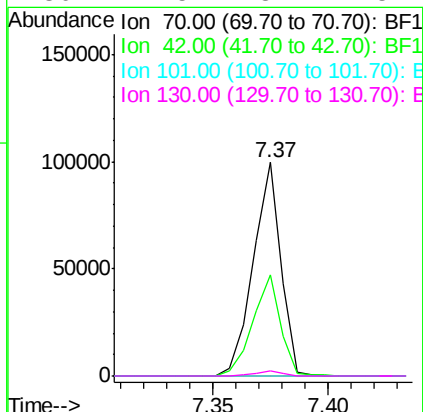
Ion Ratio Lower Upper

70 100

42 47.5 44.0 66.0

101 0.0 7.8 11.6#

130 2.5 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120906.D

Acq: 17 Jul 2020 1:20

Instrument :

BNA_F

ClientSampleId :

14

Tot Ion:136 Resp: 669430

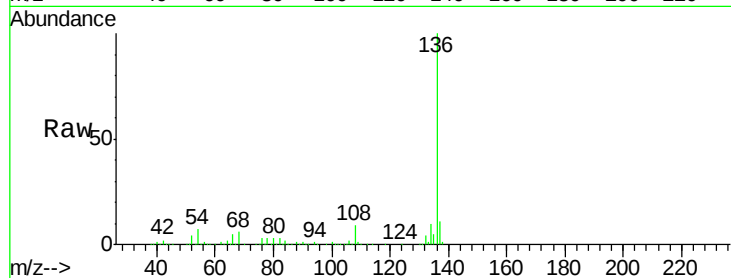
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.2 6.3 9.5

68 5.9 5.0 7.4

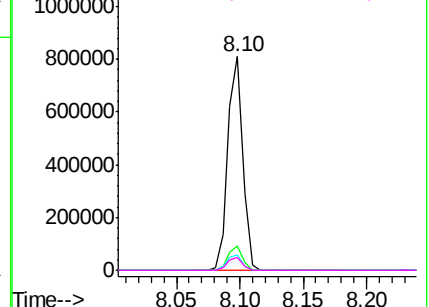
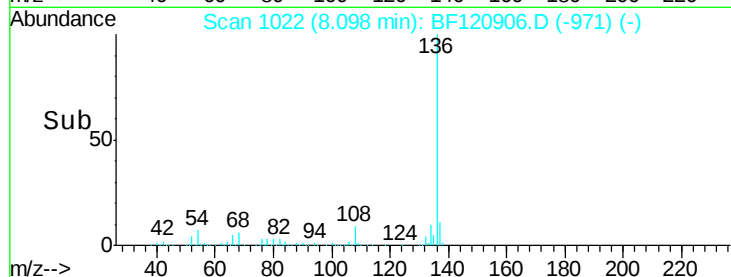


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.706 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120906.D

Acq: 17 Jul 2020 1:20

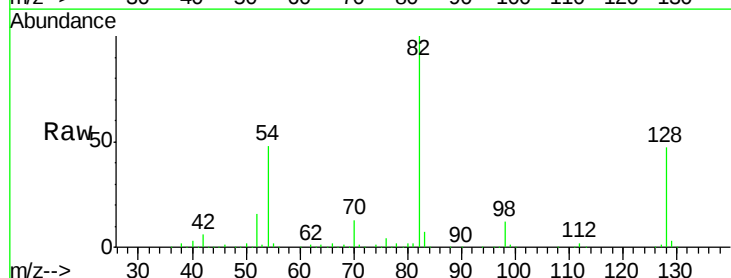
Tgt Ion: 82 Resp: 644473

Ion Ratio Lower Upper

82 100

128 47.3 38.2 57.4

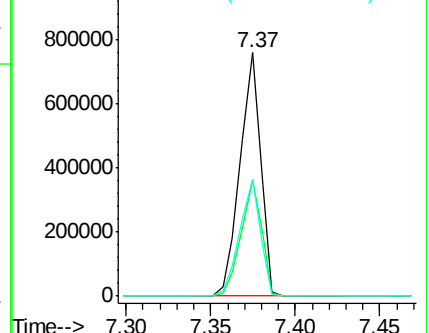
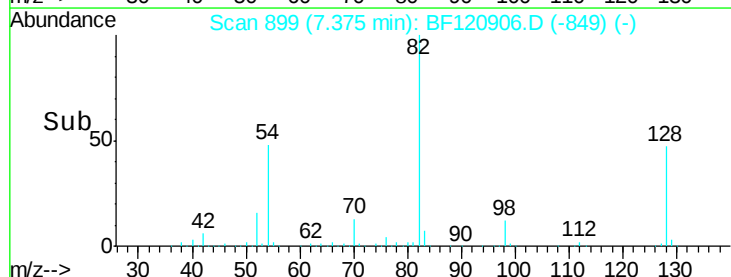
54 48.2 38.7 58.1



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: 27.814 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120906.D

Acq: 17 Jul 2020 1:20

Instrument :

BNA_F

ClientSampled :

14

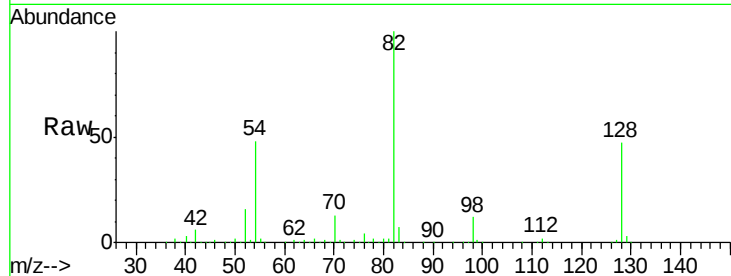
Tot Ion: 82 Resp: 642213

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

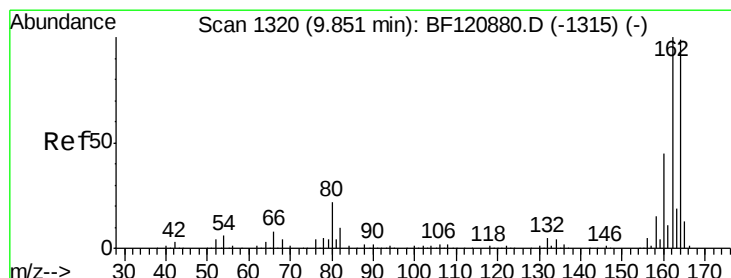
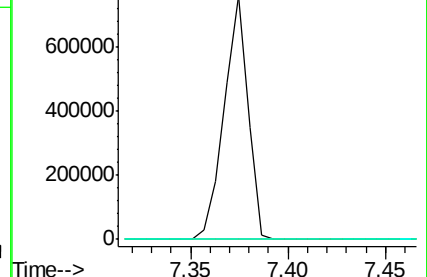
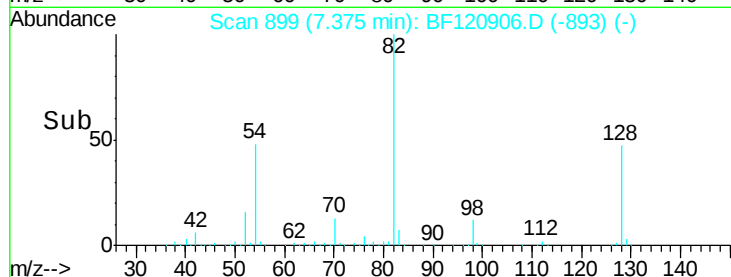
138 0.0 15.6 23.4#



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120906.D

Acq: 17 Jul 2020 1:20

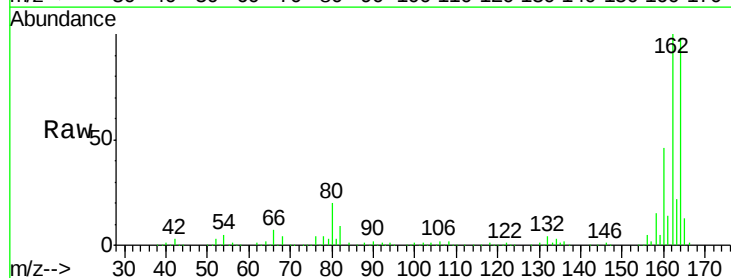
Tgt Ion: 164 Resp: 351887

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

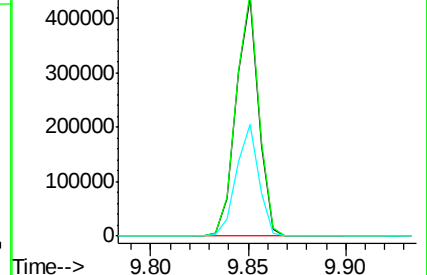
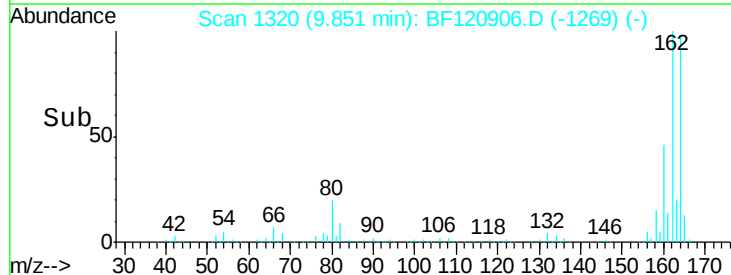
160 46.9 36.9 55.3



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

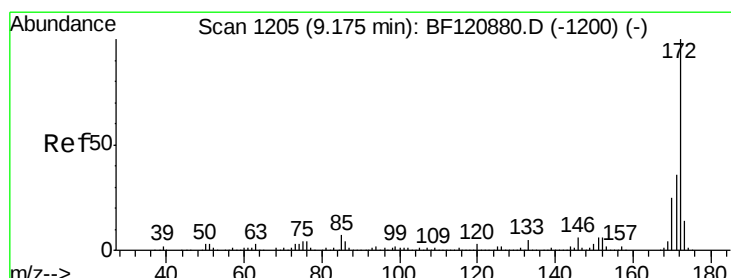
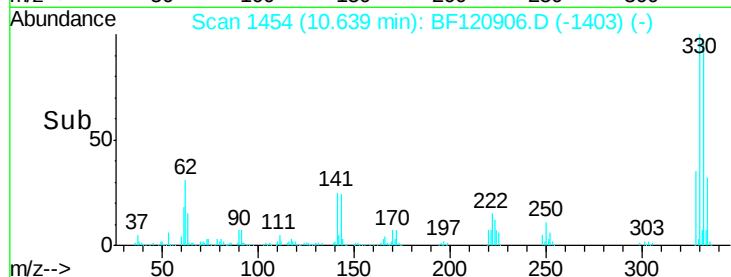
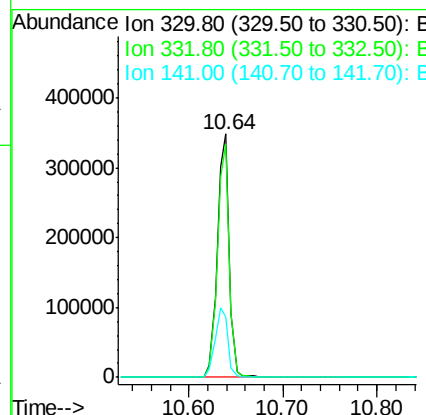
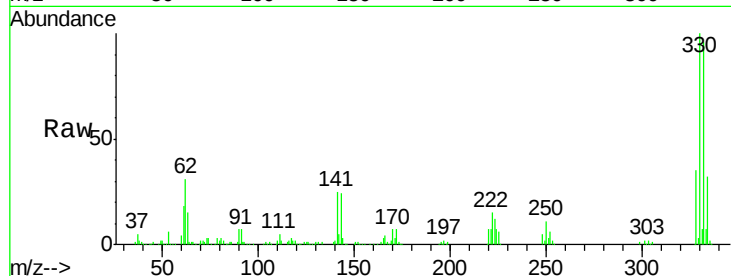




#42
 2,4,6-Tribromophenol
 Concen: 81.917 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120906.D
 Acq: 17 Jul 2020 1:20

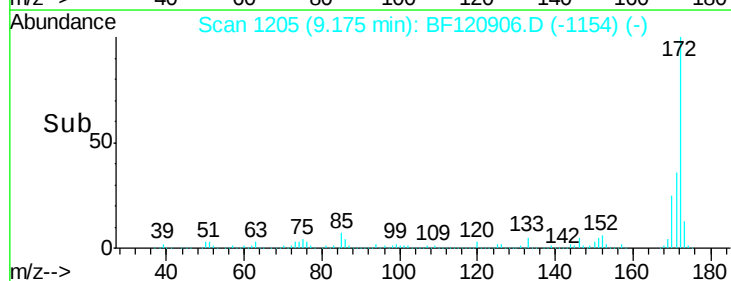
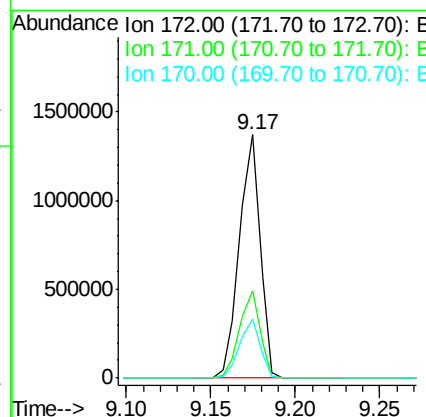
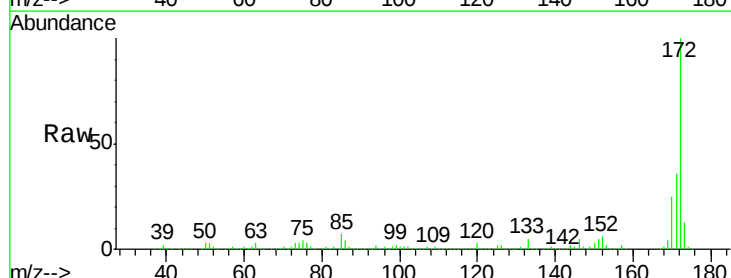
Instrument :
 BNA_F
 ClientSampled :
 14

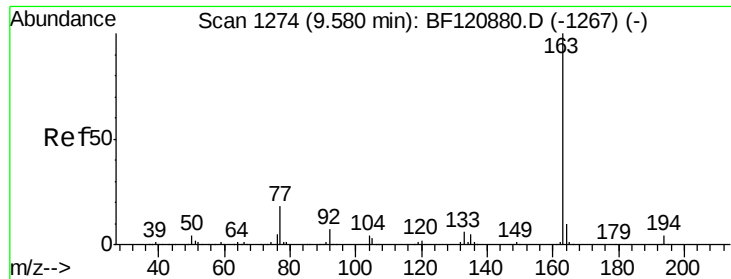
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.5	113.3
141	30.7	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 49.715 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120906.D
 Acq: 17 Jul 2020 1:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.6	19.6	29.4

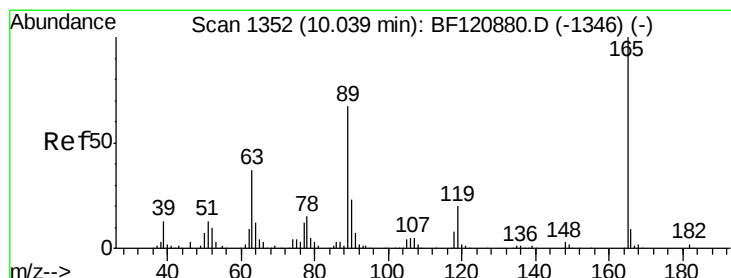
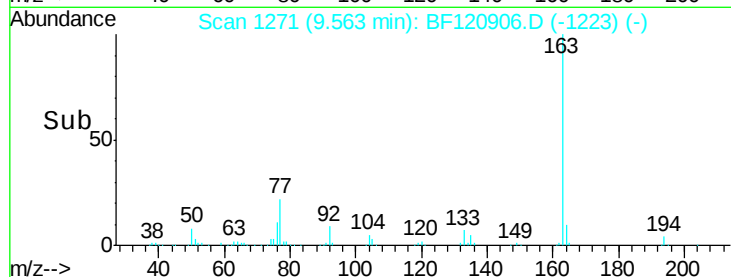
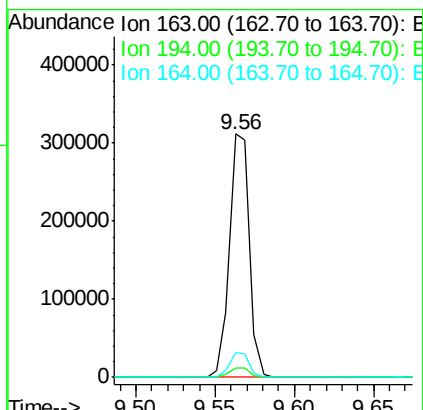
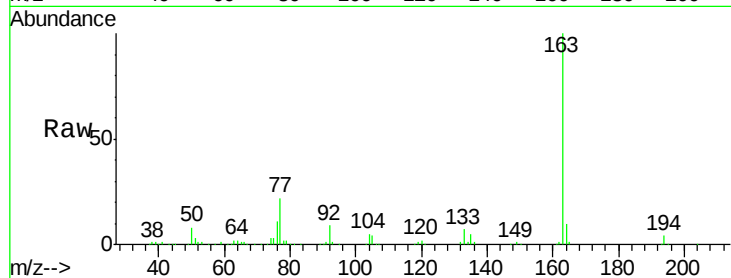




#50
Dimethylphthalate
Concen: 10.693 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120906.D
Acq: 17 Jul 2020 1:20

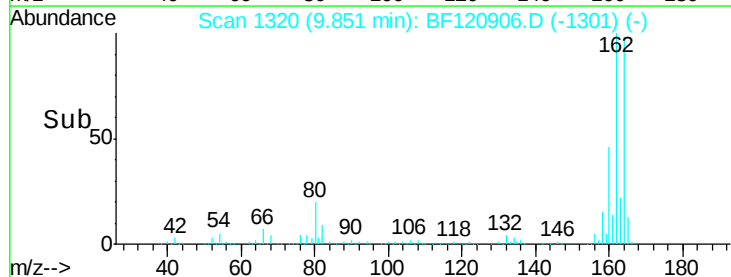
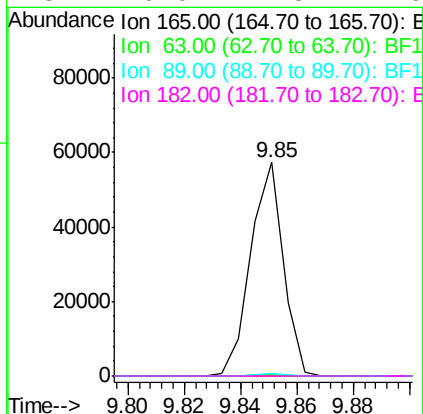
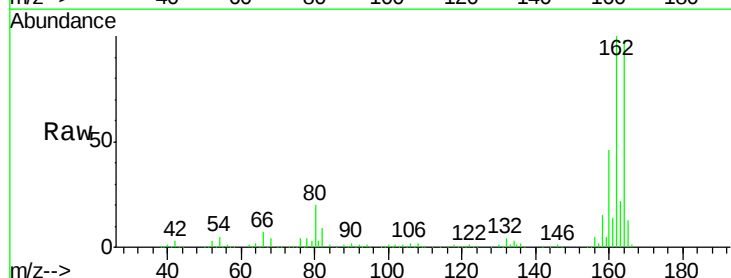
Instrument :
BNA_F
ClientSampleId :
14

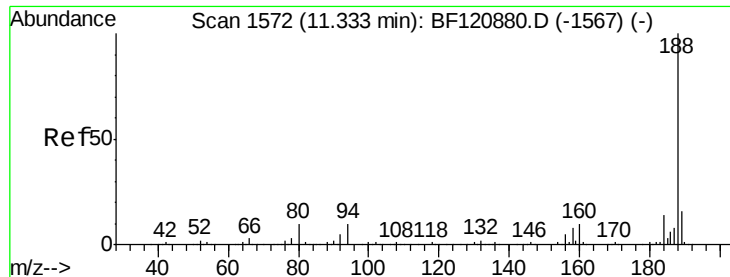
Tot Ion:163 Resp: 271448
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.1 7.9 11.9



#57
2,4-Dinitrotoluene
Concen: 6.421 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120906.D
Acq: 17 Jul 2020 1:20

Tgt Ion:165 Resp: 45992
Ion Ratio Lower Upper
165 100
63 0.8 29.4 44.2#
89 1.3 53.4 80.0#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120906.D

Acq: 17 Jul 2020 1:20

Instrument :

BNA_F

ClientSampleId :

14

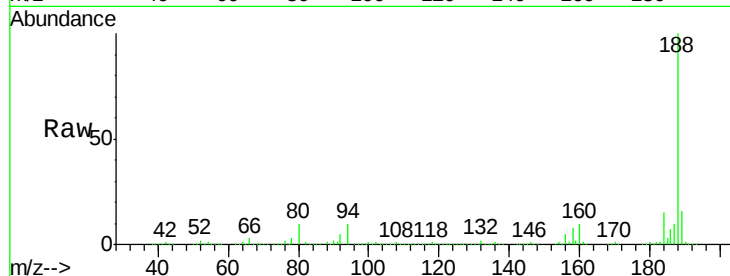
Tot Ion:188 Resp: 667711

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

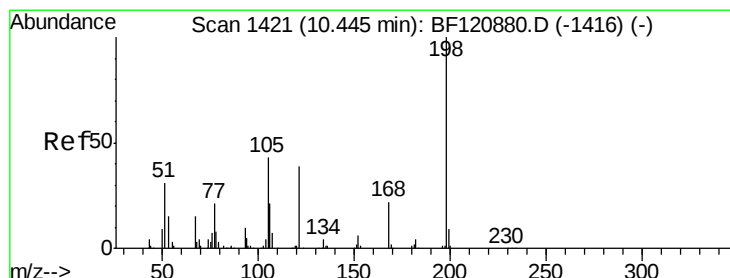
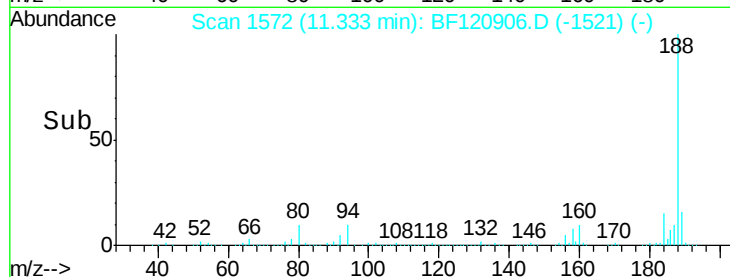
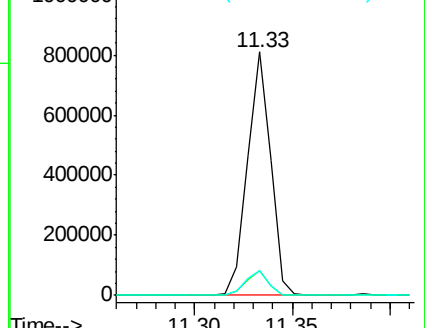
80 10.0 8.3 12.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 3.980 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF120906.D

Acq: 17 Jul 2020 1:20

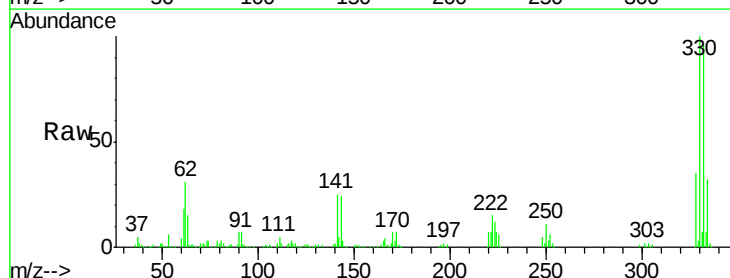
Tgt Ion:198 Resp: 576

Ion Ratio Lower Upper

198 100

51 139.0 19.5 59.5#

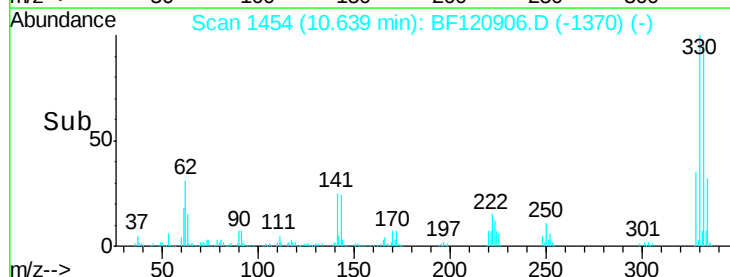
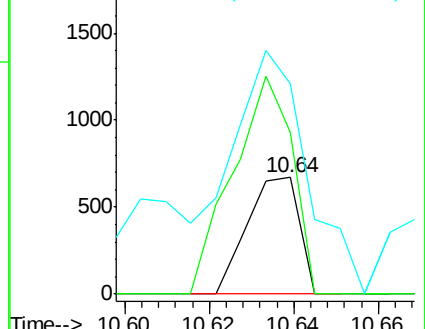
105 179.9 24.4 64.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

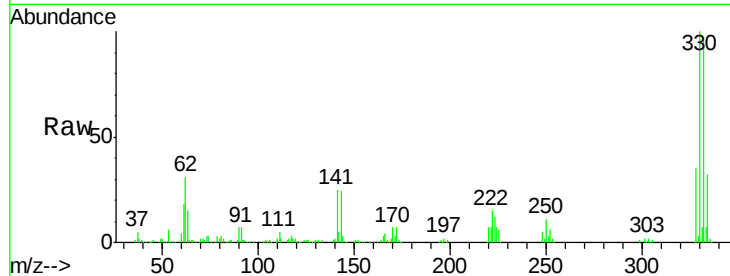




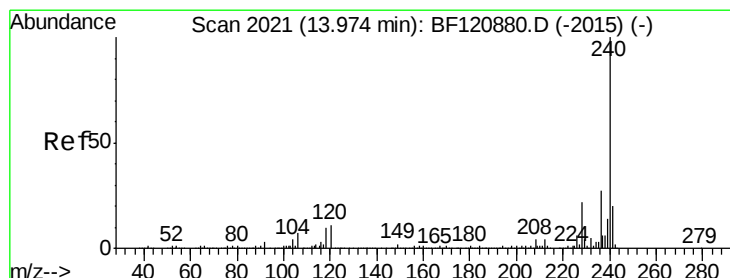
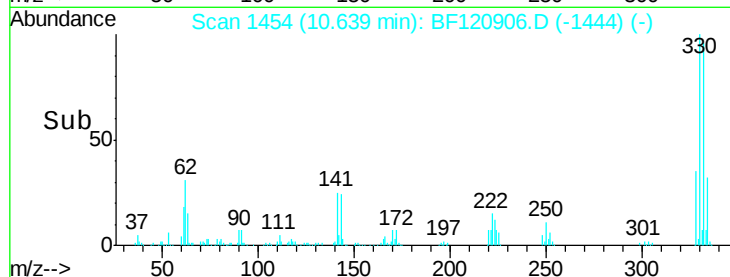
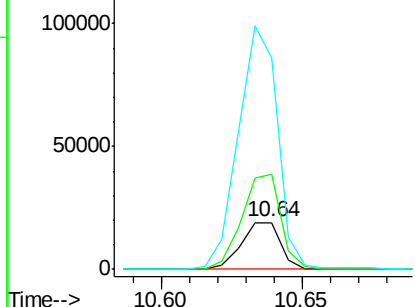
#67
4-Bromophenyl-phenylether
Concen: 2.486 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120906.D
Acq: 17 Jul 2020 1:20

Instrument :
BNA_F
ClientSampled :
14

Tot Ion:248 Resp: 18504
Ion Ratio Lower Upper
248 100
250 201.8 77.1 115.7#
141 450.7 61.2 91.8#

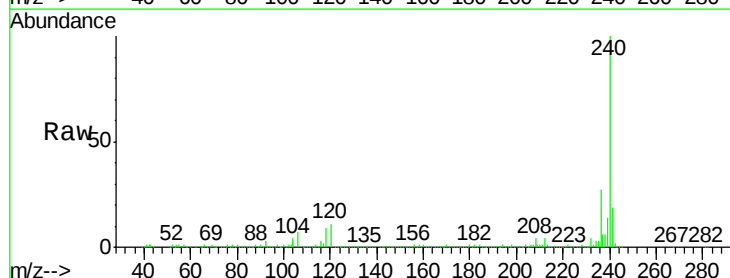


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

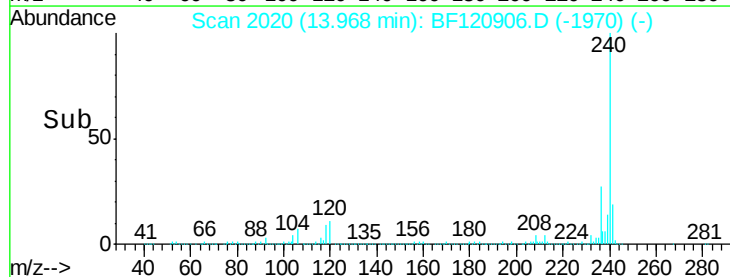
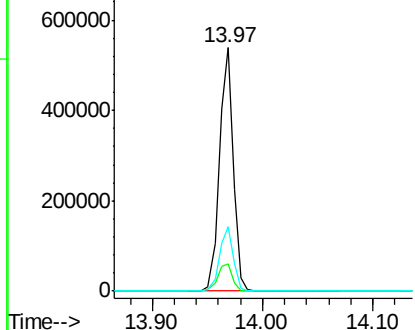


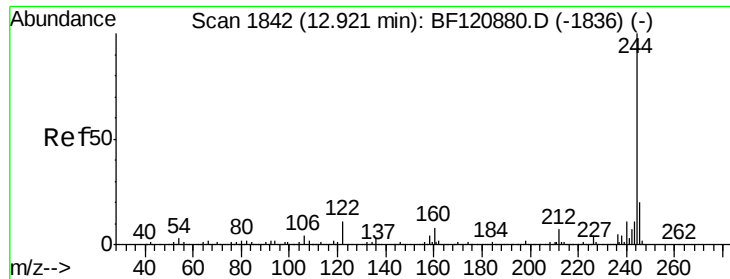
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120906.D
Acq: 17 Jul 2020 1:20

Tgt Ion:240 Resp: 467151
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 26.6 21.7 32.5



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

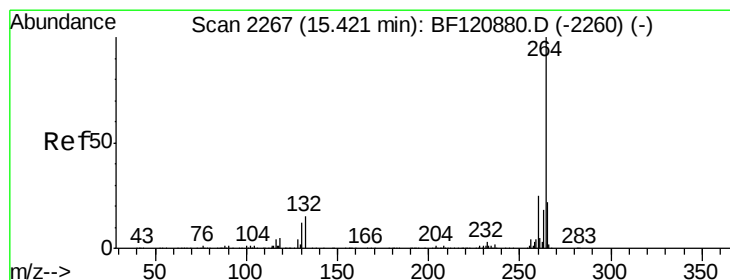
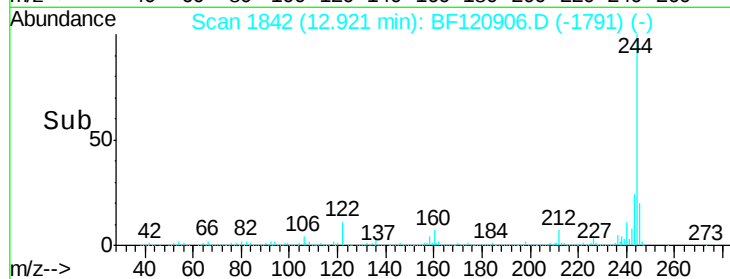
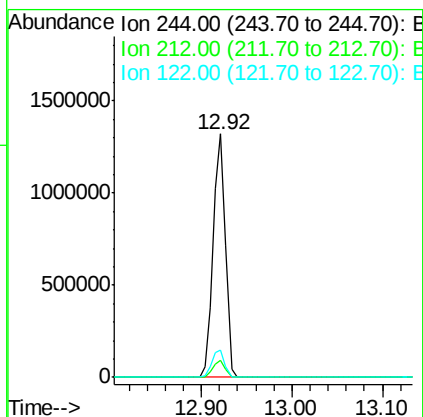
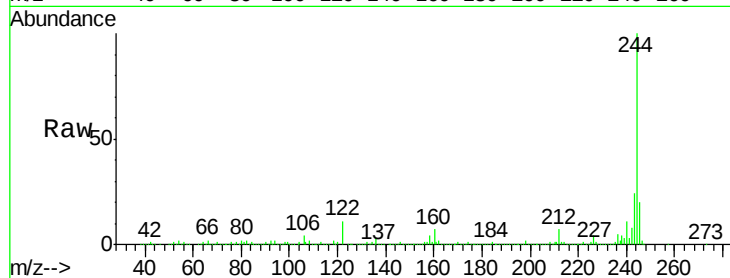




#79
 Terphenyl-d14
 Concen: 58.560 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120906.D
 Acq: 17 Jul 2020 1:20

Instrument :
 BNA_F
 ClientSampleId :
 14

Tot Ion:244 Resp: 1258476
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.0 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120906.D
 Acq: 17 Jul 2020 1:20

Tgt Ion:264 Resp: 407459
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 21.9 17.4 26.2

