

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118603.D
 Acq On : 20 Jan 2020 20:51
 Operator : CG/JU
 Sample : L1154-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-0-15

Quant Time: Jan 21 02:54:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

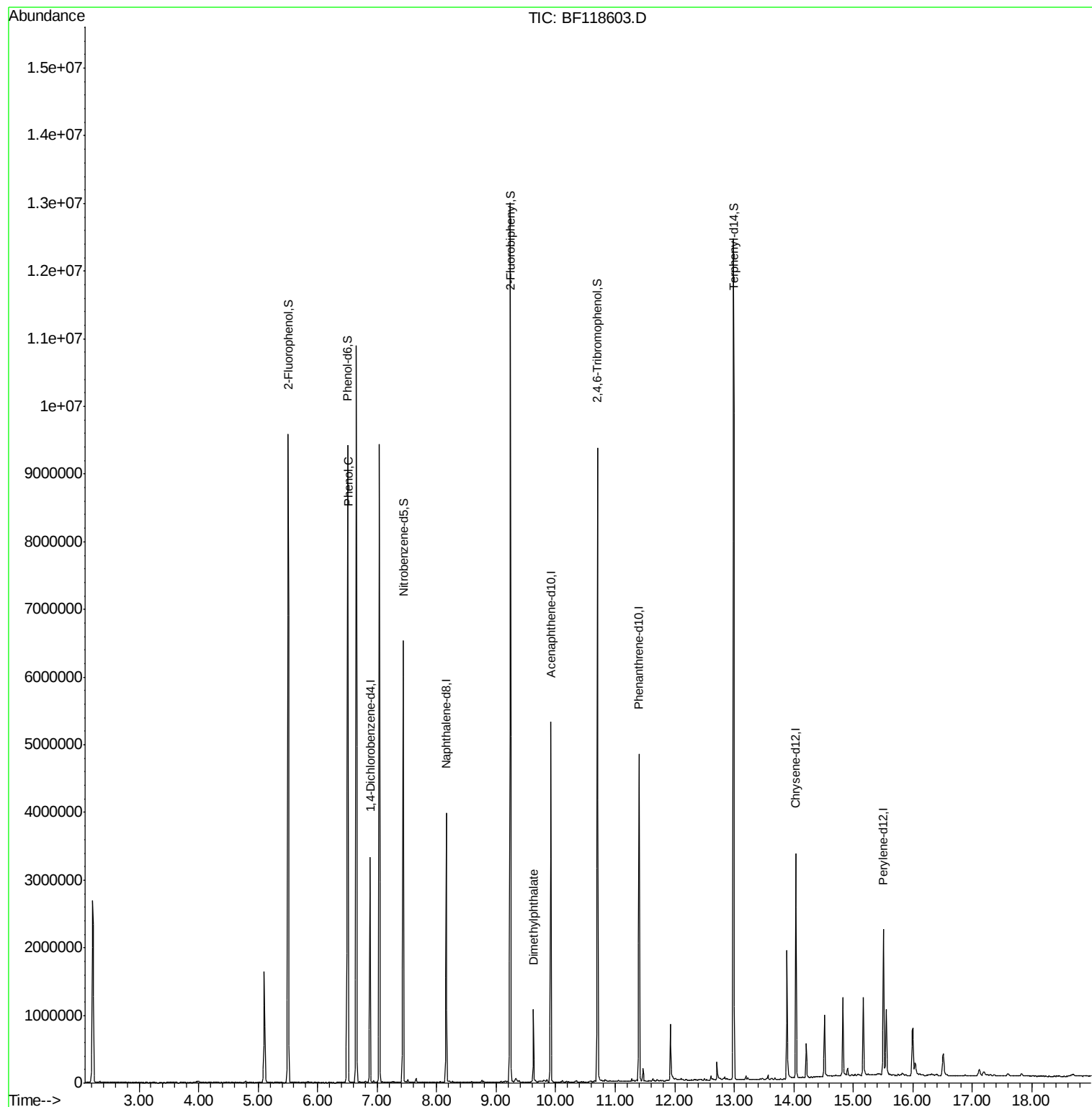
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	485388	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1819524	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	1033535	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1798465	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1053309	20.00	ng	-0.01
87) Perylene-d12	15.50	264	1073220	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2873406	109.95	ng	0.00
7) Phenol-d6	6.50	99	3838695	113.01	ng	0.00
23) Nitrobenzene-d5	7.44	82	2384395	73.30	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1261255	105.51	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4171241	66.33	ng	0.00
79) Terphenyl-d14	12.99	244	4307537	89.20	ng	0.00
Target Compounds						
10) Phenol	6.52	94	146945	3.796	ng	99
50) Dimethylphthalate	9.63	163	411099	6.105	ng	98

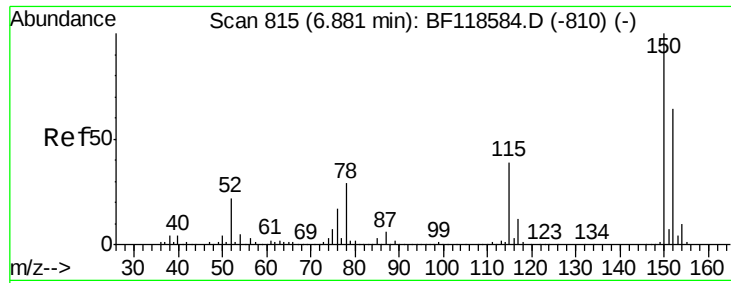
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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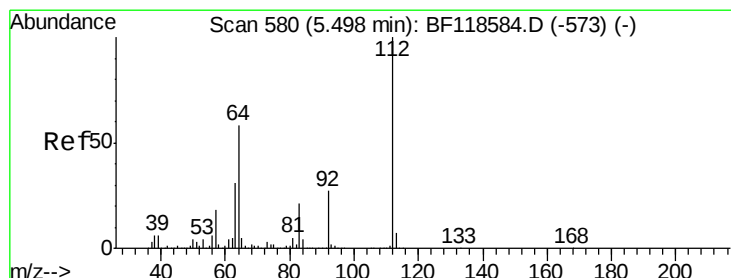
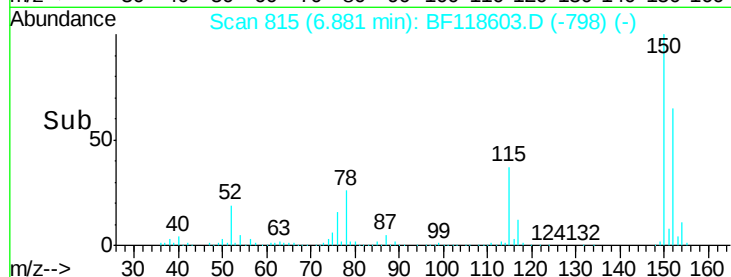
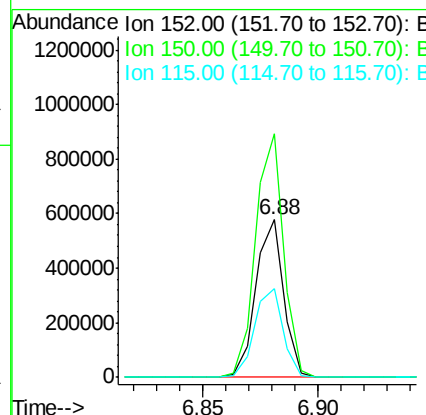
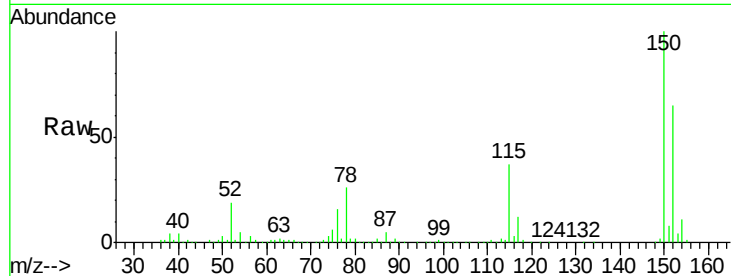




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118603.D
 Acq: 20 Jan 2020 20:51

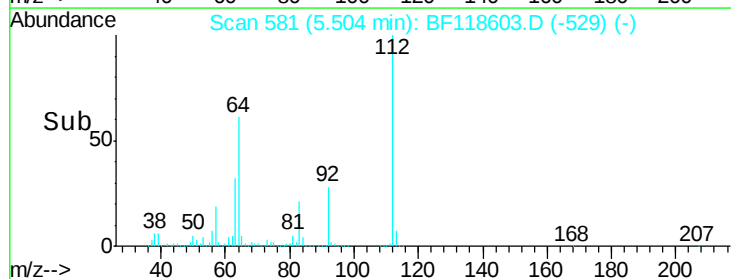
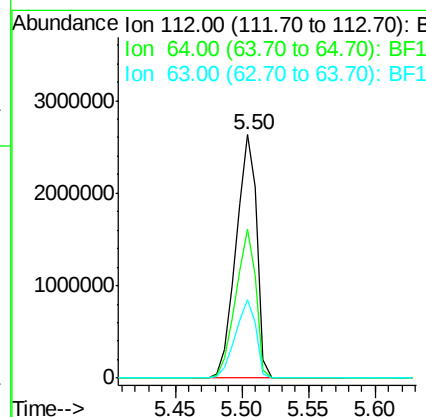
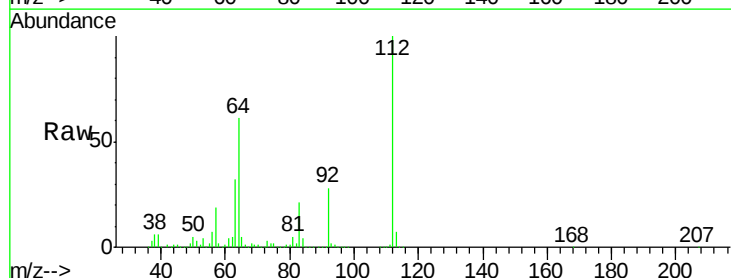
Instrument :
 BNA_F
 ClientSampleId :
 B3-0-15

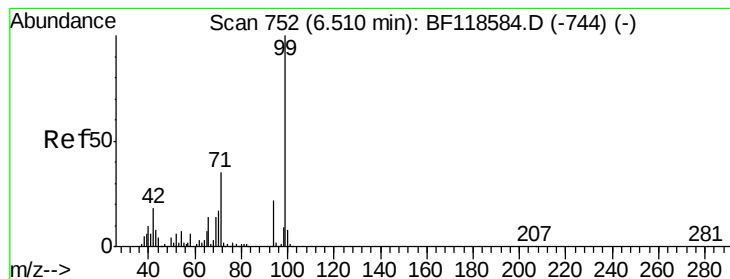
Tot Ion:152 Resp: 485388
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.6 188.4
 115 56.6 48.4 72.6



#5
 2-Fluorophenol
 Concen: 109.946 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF118603.D
 Acq: 20 Jan 2020 20:51

Tgt Ion:112 Resp: 2873406
 Ion Ratio Lower Upper
 112 100
 64 61.1 46.6 70.0
 63 32.3 25.1 37.7





#7

Phenol-d6

Concen: 113.008 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118603.D

Acq: 20 Jan 2020 20:51

Instrument :

BNA_F

ClientSampleId :

B3-0-15

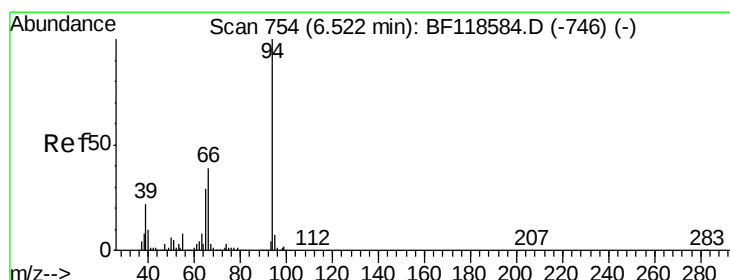
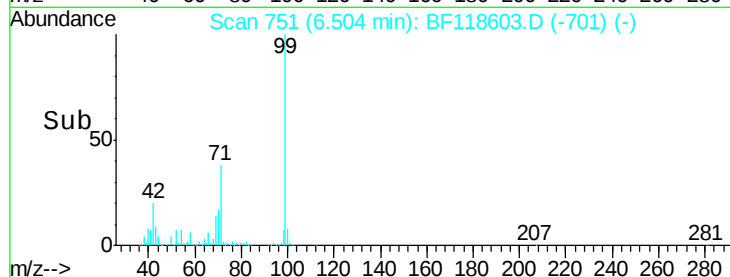
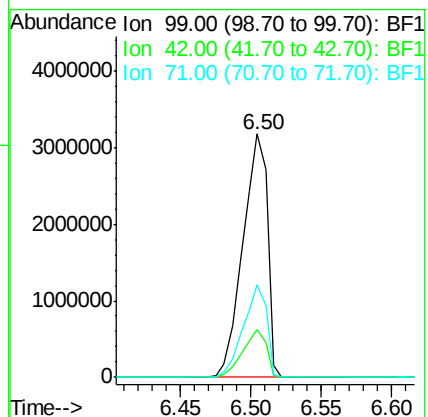
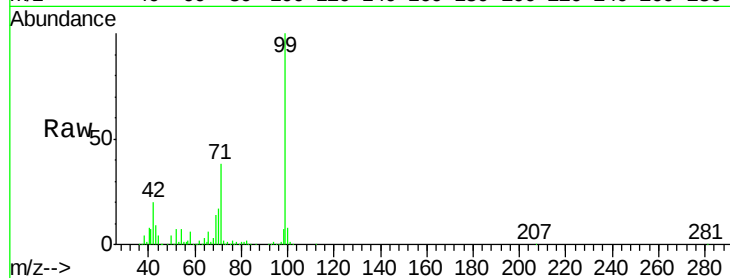
Tot Ion: 99 Resp: 3838695

Ion Ratio Lower Upper

99 100

42 19.5 14.2 21.2

71 37.8 27.8 41.6



#10

Phenol

Concen: 3.796 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118603.D

Acq: 20 Jan 2020 20:51

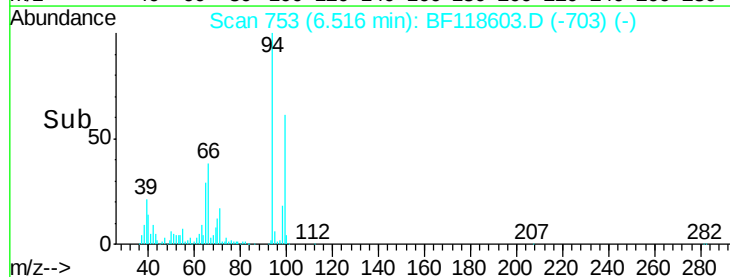
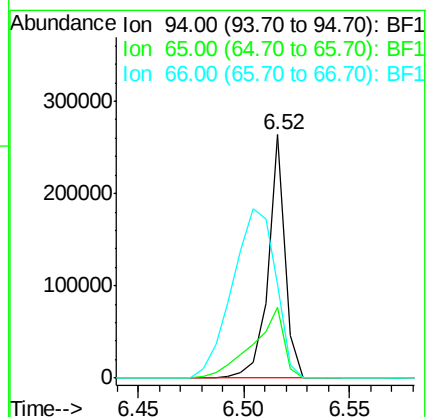
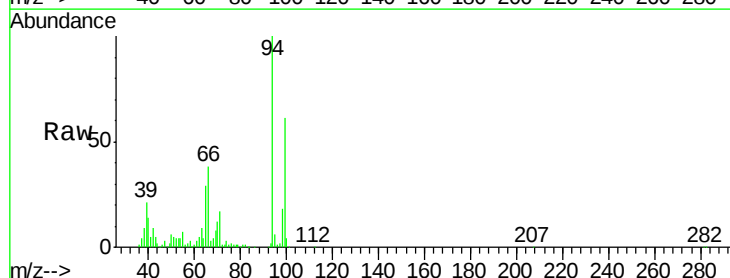
Tgt Ion: 94 Resp: 146945

Ion Ratio Lower Upper

94 100

65 28.9 9.5 49.5

66 38.4 18.5 58.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118603.D

Acq: 20 Jan 2020 20:51

Instrument :

BNA_F

ClientSampled :

B3-0-15

Tot Ion:136 Resp: 1819524

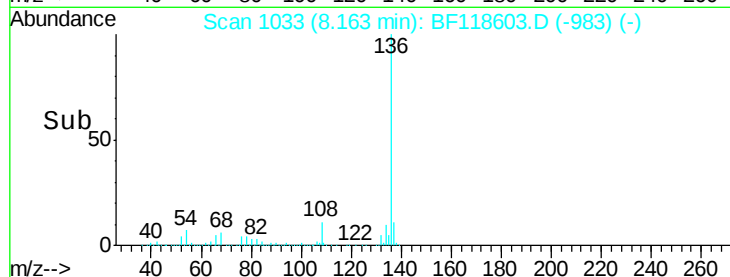
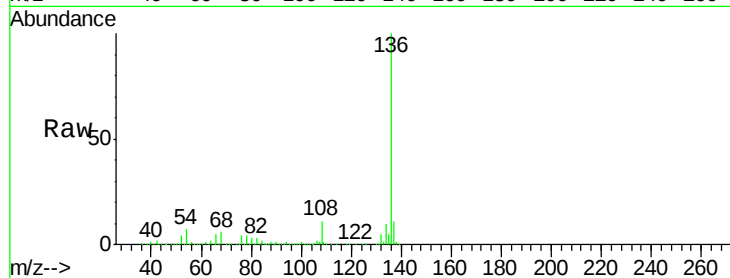
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 6.8 5.8 8.6

68 5.9 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E

3000000 Ion 137.00 (136.70 to 137.70): E

2500000 Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

2000000

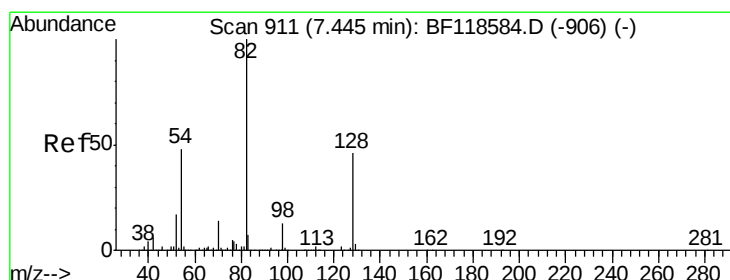
1500000

1000000

500000

0

Time--> 8.10 8.15 8.20



#23

Nitrobenzene-d5

Concen: 73.299 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118603.D

Acq: 20 Jan 2020 20:51

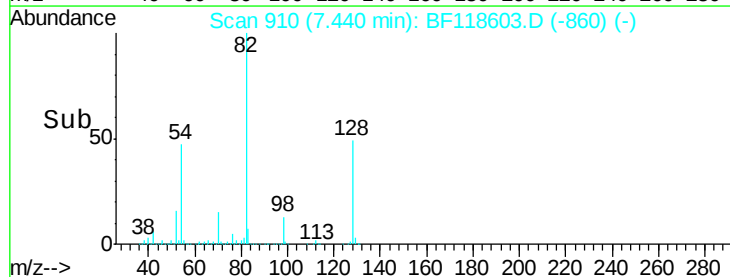
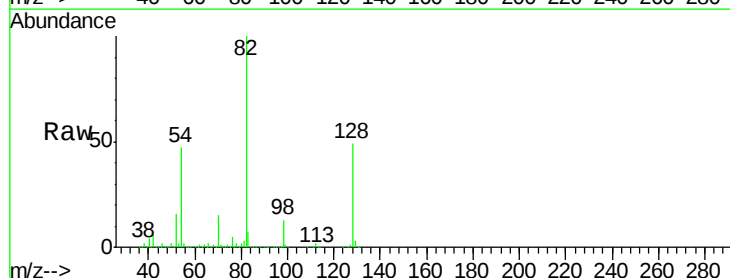
Tgt Ion: 82 Resp: 2384395

Ion Ratio Lower Upper

82 100

128 48.6 36.6 54.8

54 46.7 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

3000000 Ion 128.00 (127.70 to 128.70): E

2500000 Ion 54.00 (53.70 to 54.70): BF1

2000000

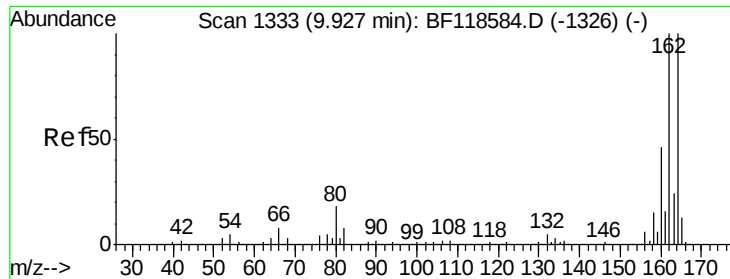
1500000

1000000

500000

0

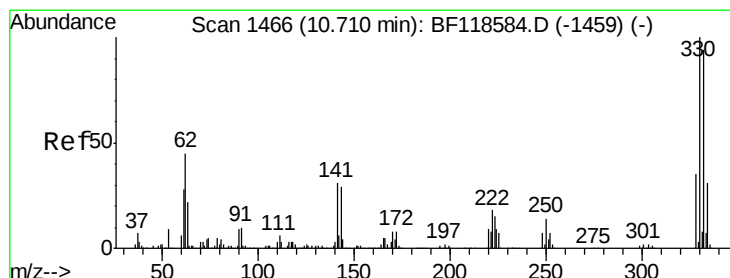
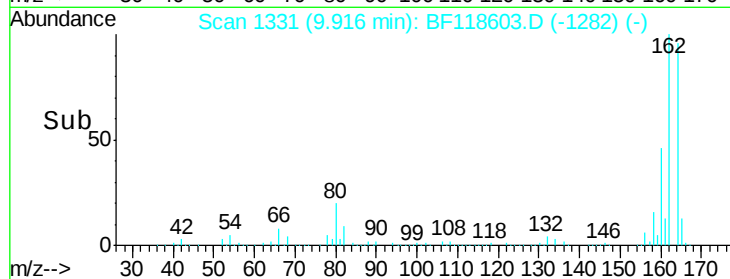
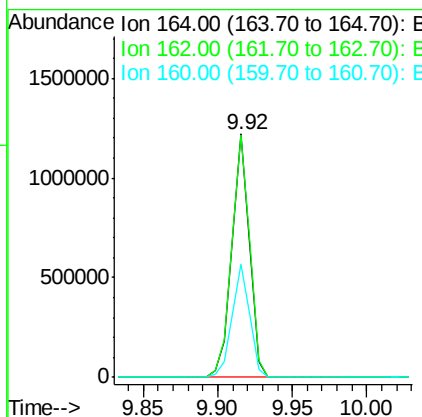
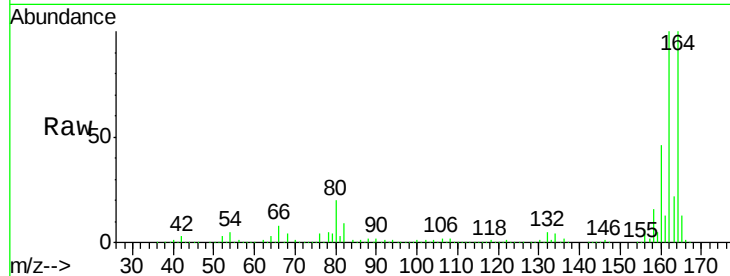
Time--> 7.35 7.40 7.45 7.50



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118603.D
Acq: 20 Jan 2020 20:51

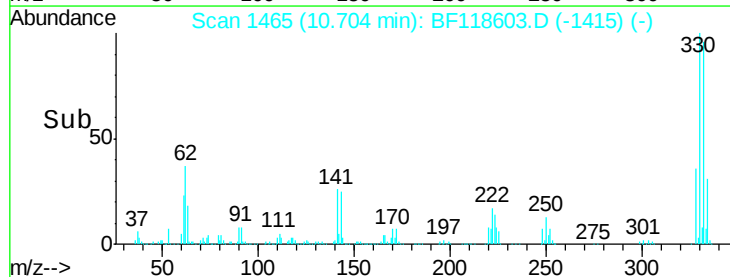
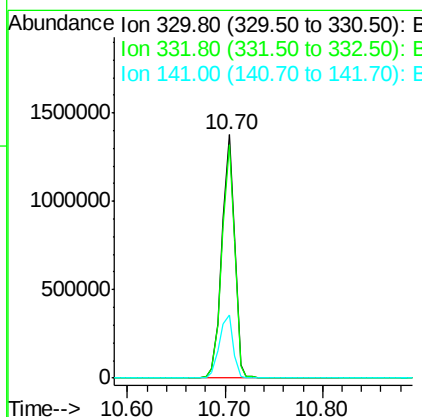
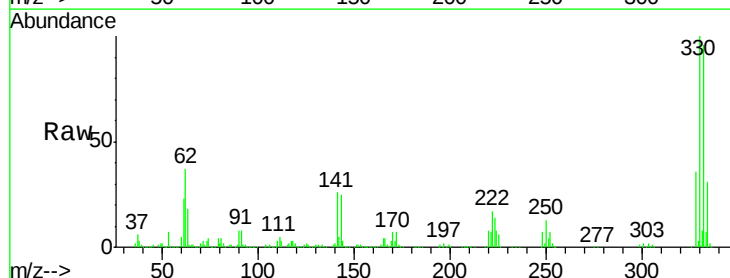
Instrument :
BNA_F
ClientSampleId :
B3-0-15

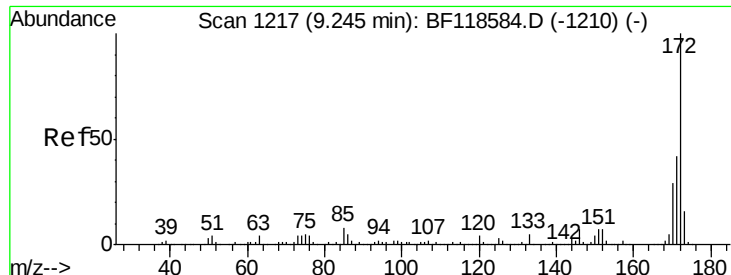
Tot Ion:164 Resp: 1033535
Ion Ratio Lower Upper
164 100
162 99.8 80.4 120.6
160 46.2 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 105.508 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118603.D
Acq: 20 Jan 2020 20:51

Tgt Ion:330 Resp: 1261255
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 28.4 23.9 35.9

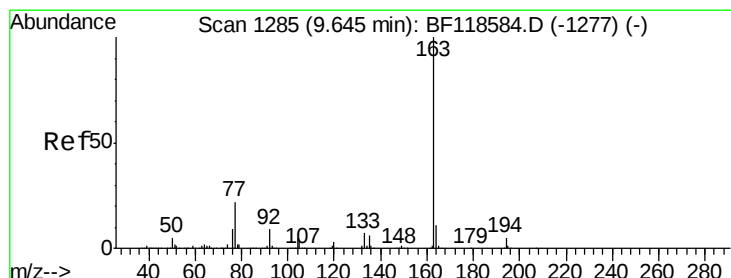
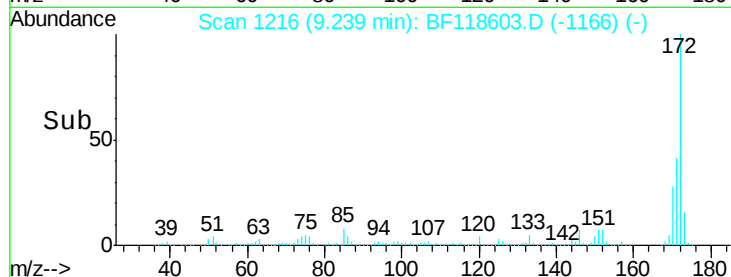
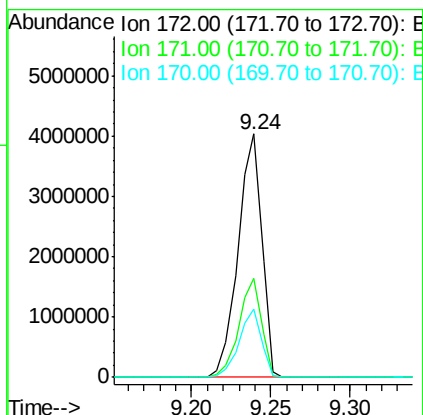
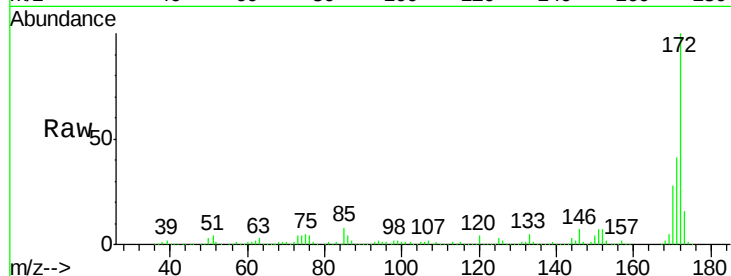




#45
2-Fluorobiphenyl
Concen: 66.335 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118603.D
Acq: 20 Jan 2020 20:51

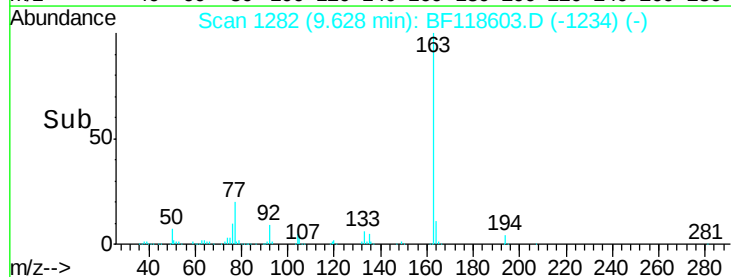
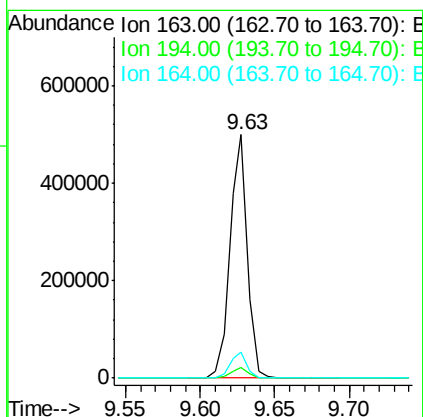
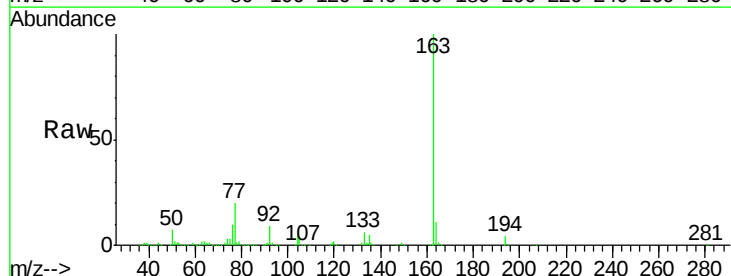
Instrument :
BNA_F
ClientSampleId :
B3-0-15

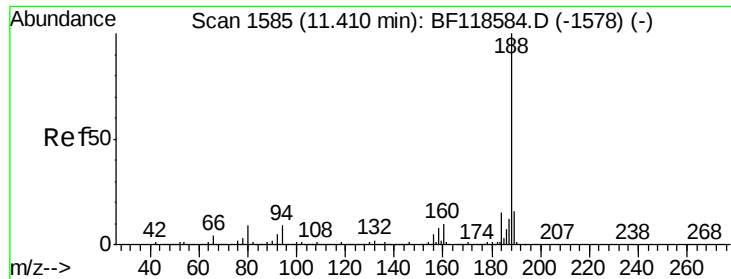
Tot Ion:172 Resp: 4171241
Ion Ratio Lower Upper
172 100
171 40.8 33.4 50.2
170 28.1 23.2 34.8



#50
Dimethylphthalate
Concen: 6.105 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118603.D
Acq: 20 Jan 2020 20:51

Tgt Ion:163 Resp: 411099
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 10.7 9.1 13.7

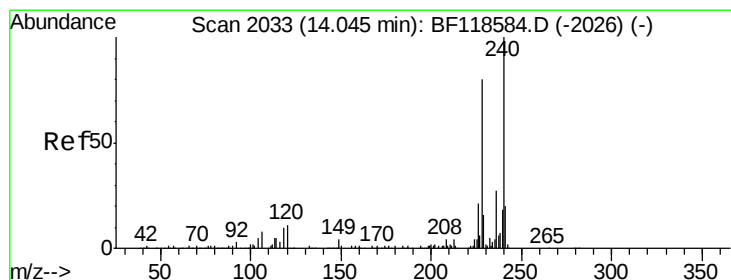
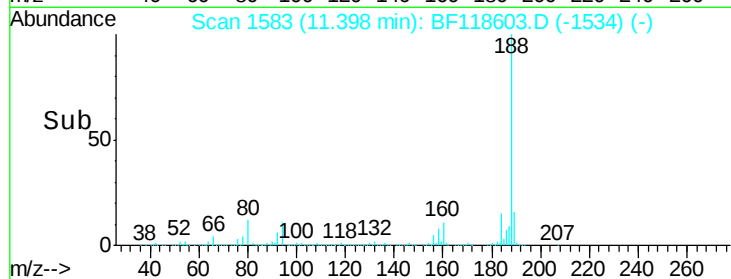
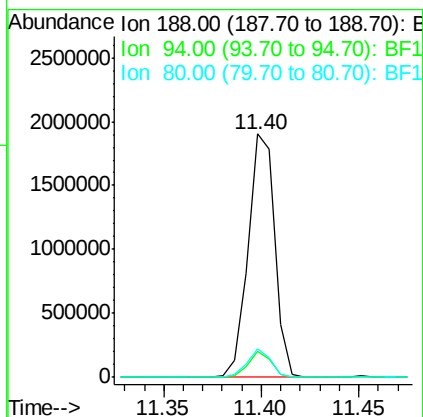
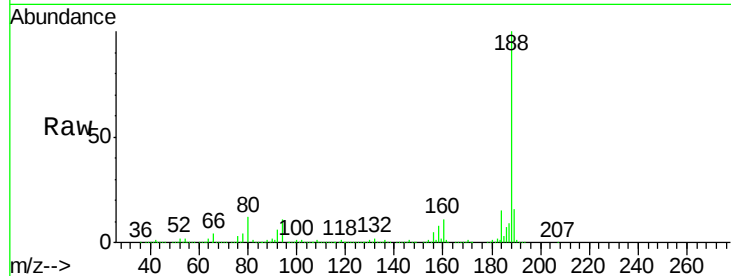




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118603.D
Acq: 20 Jan 2020 20:51

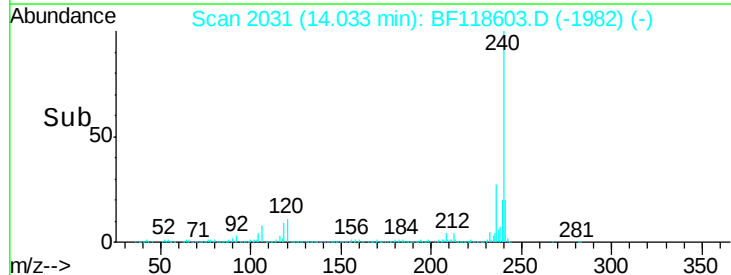
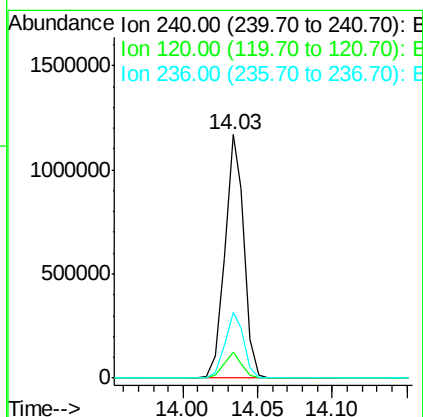
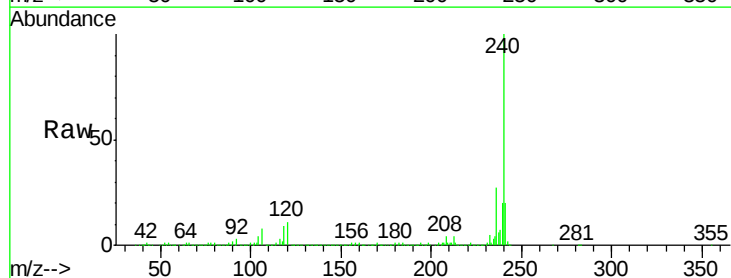
Instrument :
BNA_F
ClientSampleId :
B3-0-15

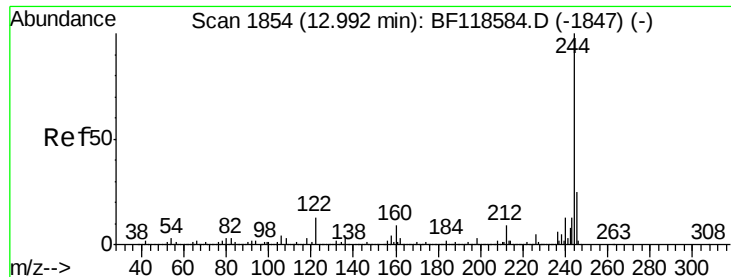
Tot Ion:188 Resp: 1798465
Ion Ratio Lower Upper
188 100
94 10.7 7.1 10.7
80 11.6 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118603.D
Acq: 20 Jan 2020 20:51

Tgt Ion:240 Resp: 1053309
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.9 21.5 32.3





#79

Terphenyl-d14

Concen: 89.196 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118603.D

Acq: 20 Jan 2020 20:51

Instrument :

BNA_F

ClientSampled :

B3-0-15

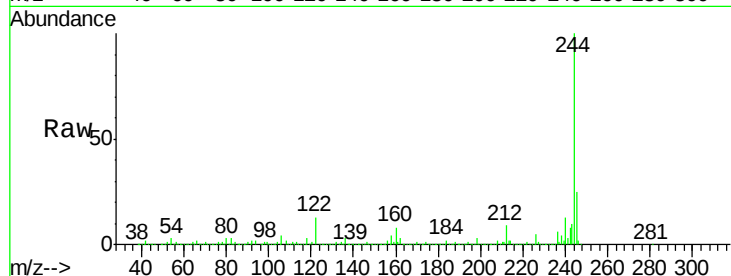
Tot Ion:244 Resp: 4307537

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

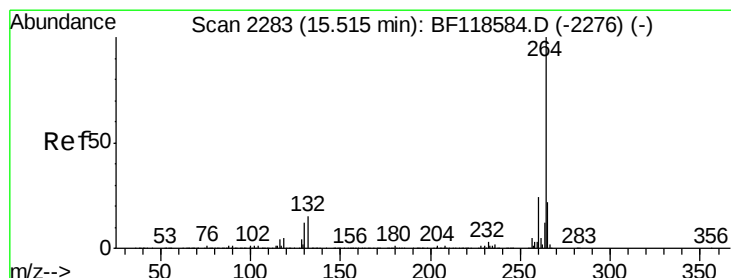
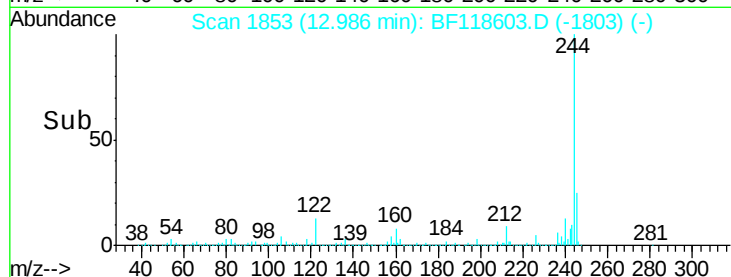
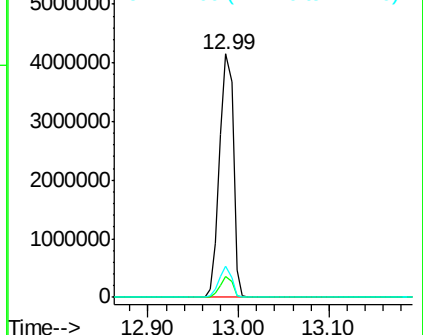
122 13.0 10.7 16.1



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: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF118603.D

Acq: 20 Jan 2020 20:51

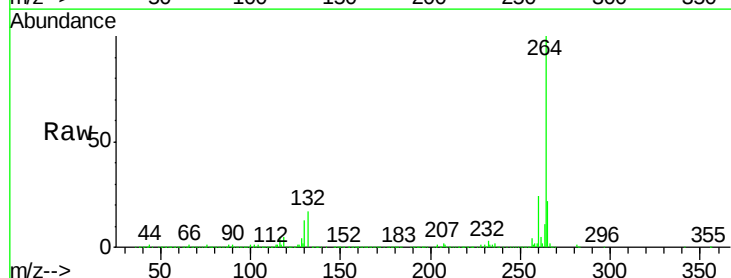
Tgt Ion:264 Resp: 1073220

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.9 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

