

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118820.D
 Acq On : 4 Feb 2020 23:57
 Operator : CG/JU
 Sample : L1368-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-020320

Quant Time: Feb 05 07:25:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

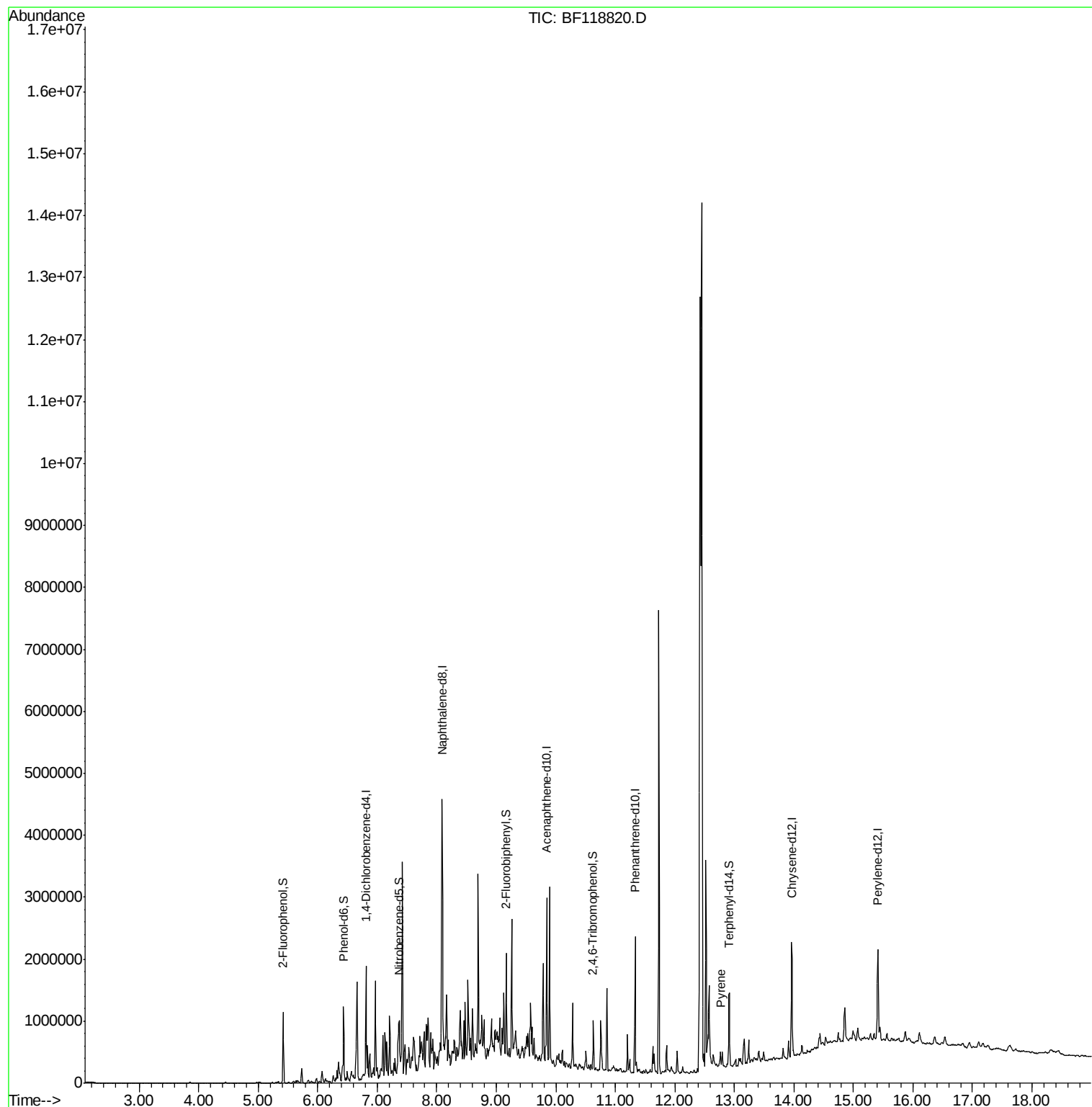
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	280402	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	985412	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	534832	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	867174	20.00	ng	0.00
76) Chrysene-d12	13.96	240	609904	20.00	ng	-0.02
87) Perylene-d12	15.41	264	722152	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	294637	19.89	ng	-0.01
7) Phenol-d6	6.43	99	359654	19.56	ng	-0.02
23) Nitrobenzene-d5	7.37	82	236940	14.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	104652	16.35	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	465193	15.55	ng	-0.01
79) Terphenyl-d14	12.92	244	444762	14.98	ng	-0.01
Target Compounds						
78) Pyrene	12.77	202	92662	2.215	ng	Qvalue 99

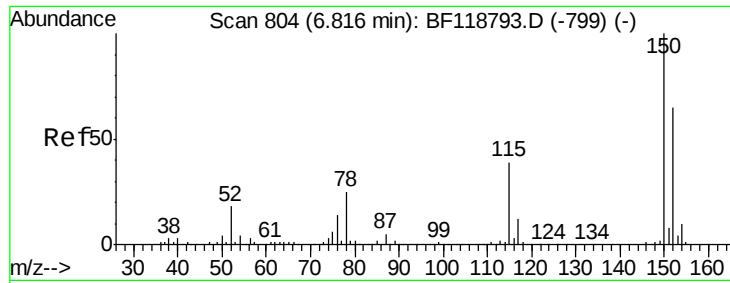
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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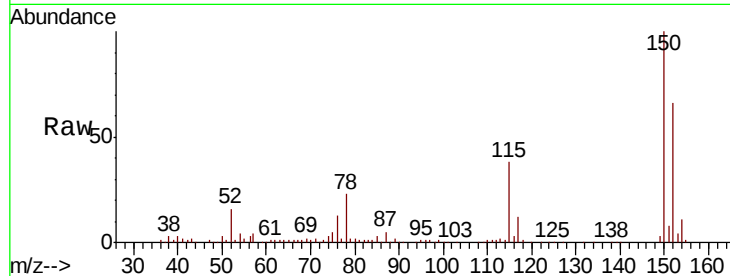


#1

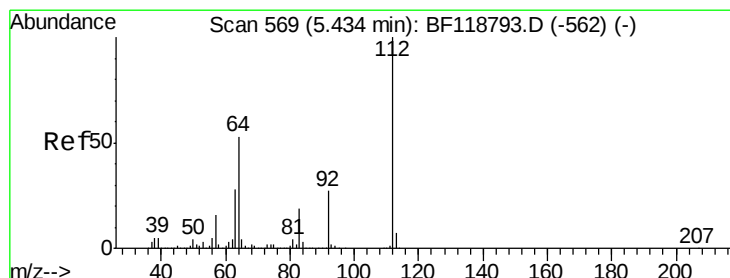
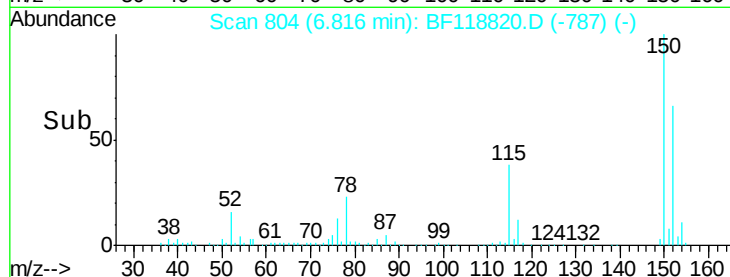
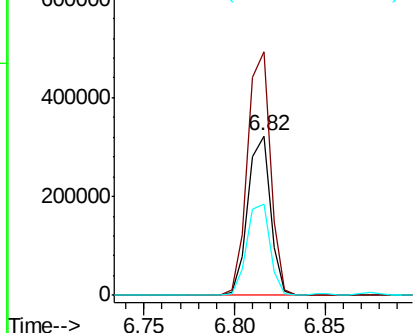
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_F
ClientSampleId :
EO-01-020320

Tot Ion:152 Resp: 280402
Ion Ratio Lower Upper
152 100
150 152.6 123.6 185.4
115 57.4 48.2 72.2



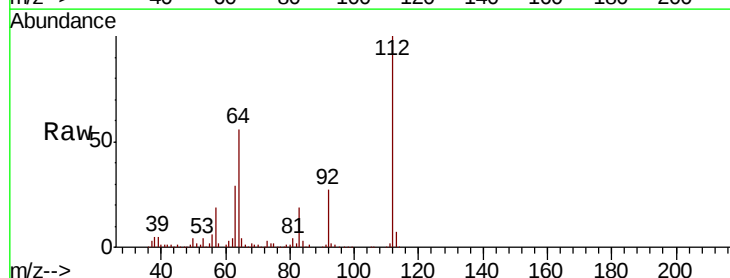
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



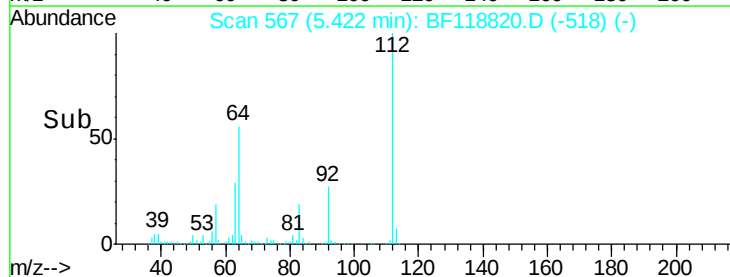
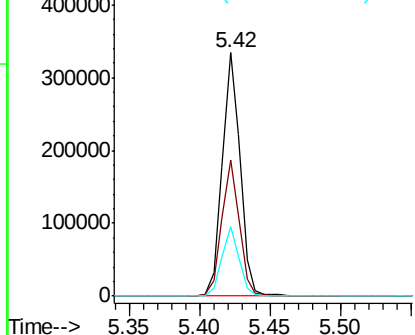
#5

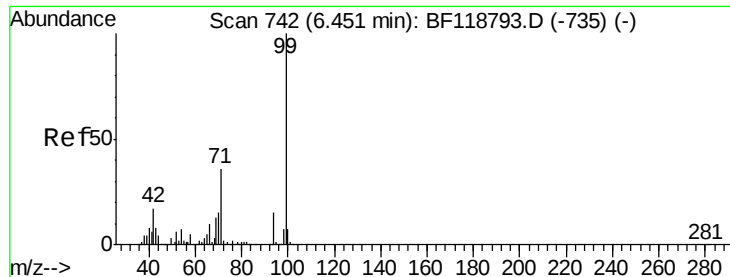
2-Fluorophenol
Concen: 19.890 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:112 Resp: 294637
Ion Ratio Lower Upper
112 100
64 55.6 42.6 63.8
63 28.7 22.2 33.4



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: 19.559 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118820.D

Acq: 4 Feb 2020 23:57

Instrument :

BNA_F

ClientSampleId :

EO-01-020320

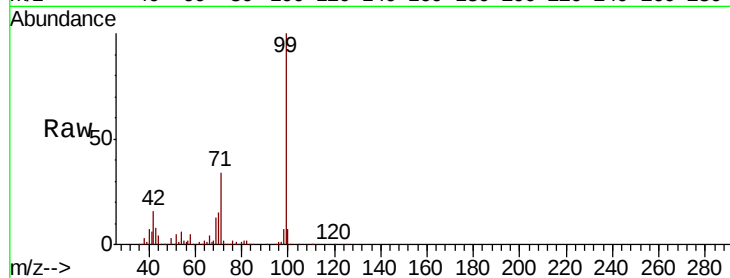
Tot Ion: 99 Resp: 359654

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.0

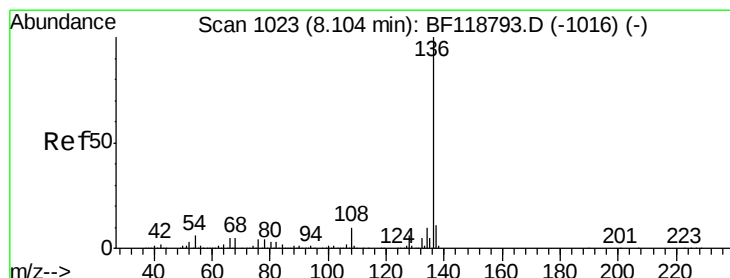
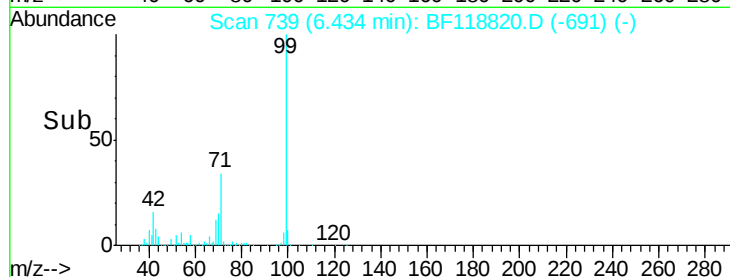
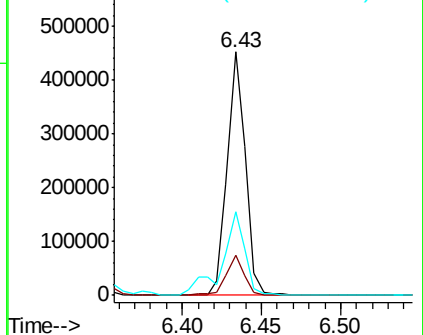
71 34.4 29.0 43.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118820.D

Acq: 4 Feb 2020 23:57

Tgt Ion: 136 Resp: 985412

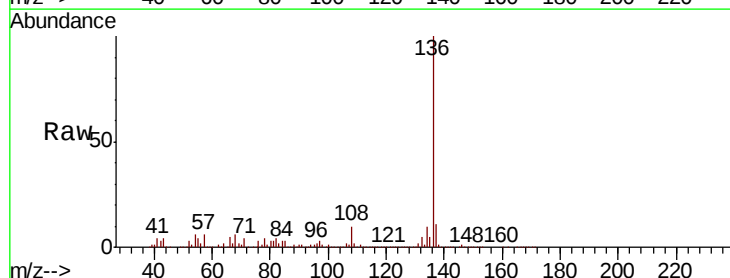
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.3 5.0 7.6

68 6.0 4.2 6.4

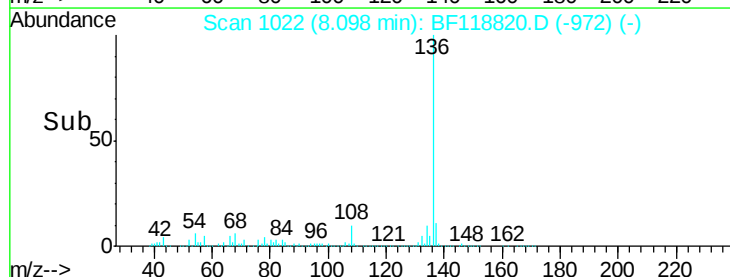
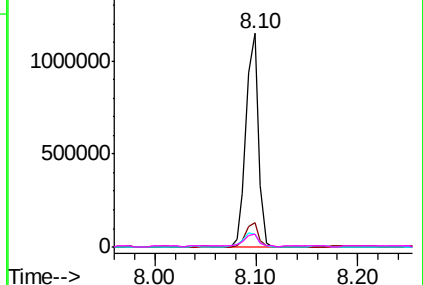


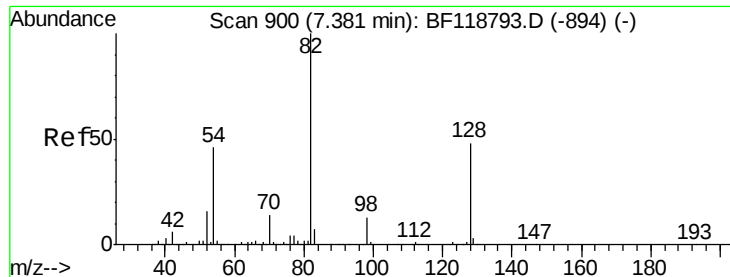
Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.332 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118820.D

Acq: 4 Feb 2020 23:57

Instrument :

BNA_F

ClientSampleId :

EO-01-020320

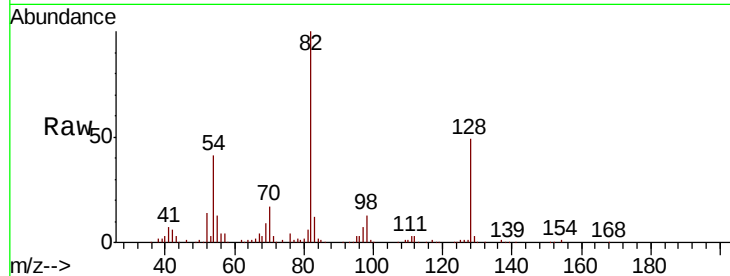
Tot Ion: 82 Resp: 236940

Ion Ratio Lower Upper

82 100

128 48.5 38.5 57.7

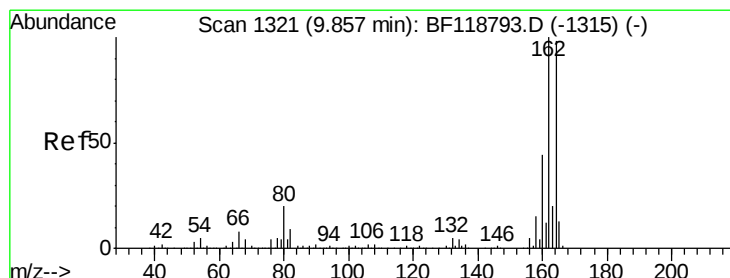
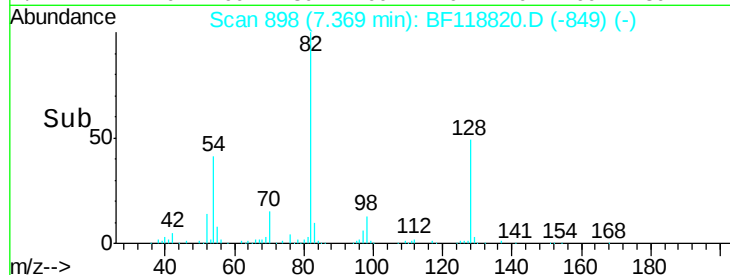
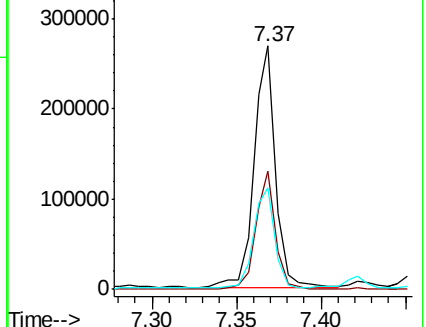
54 41.5 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118820.D

Acq: 4 Feb 2020 23:57

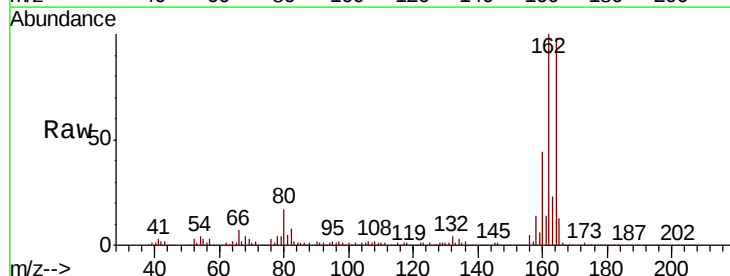
Tgt Ion:164 Resp: 534832

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.2

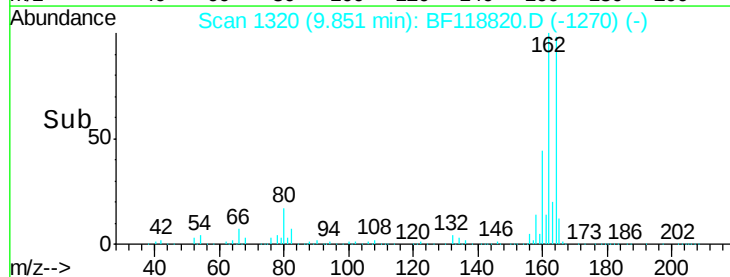
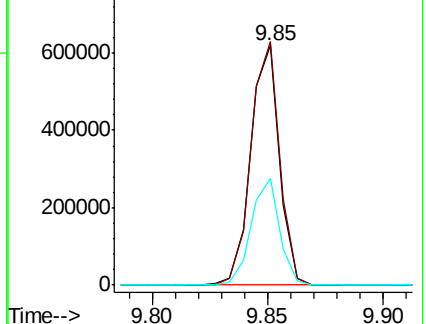
160 44.4 35.6 53.4

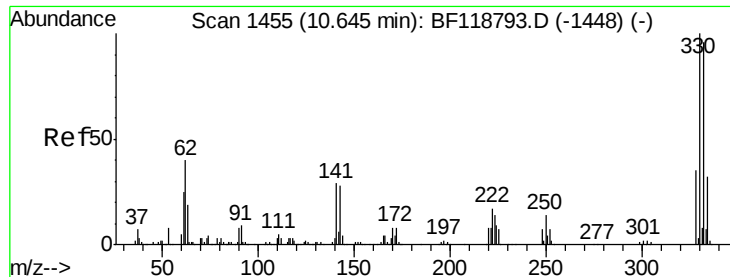


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

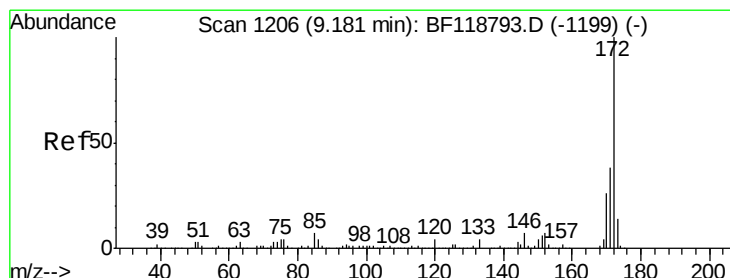
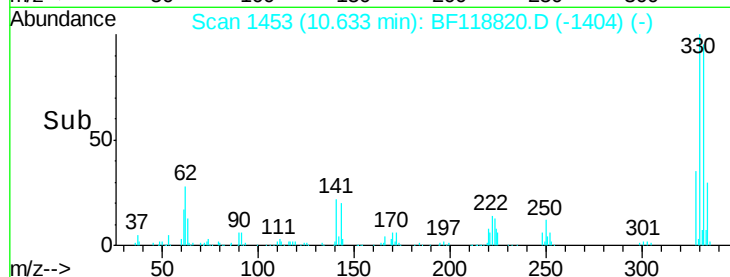
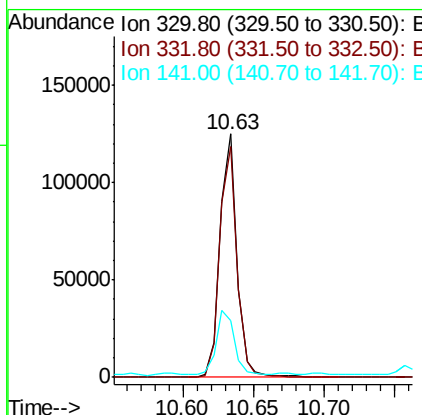
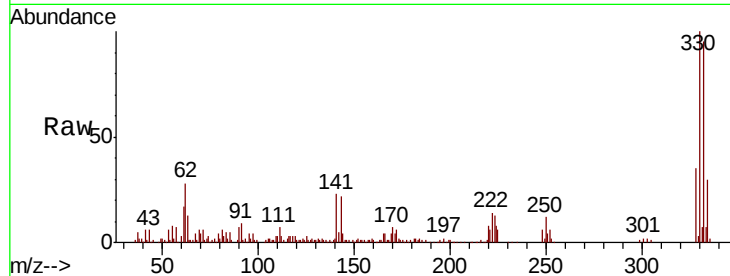




#42
 2,4,6-Tribromophenol
 Concen: 16.353 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118820.D
 Acq: 4 Feb 2020 23:57

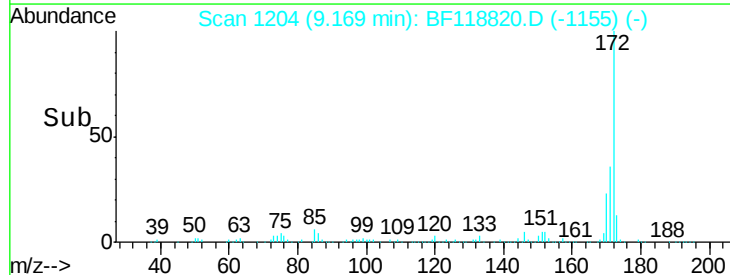
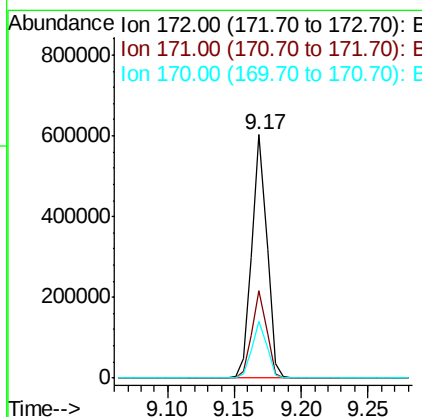
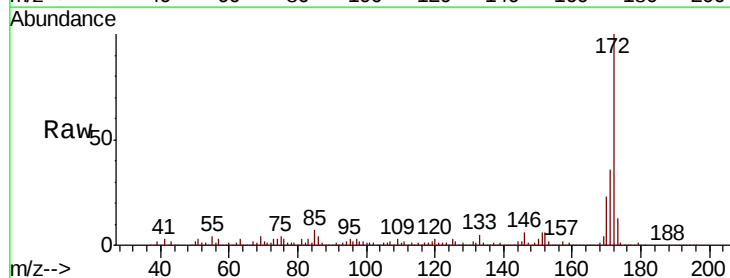
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-020320

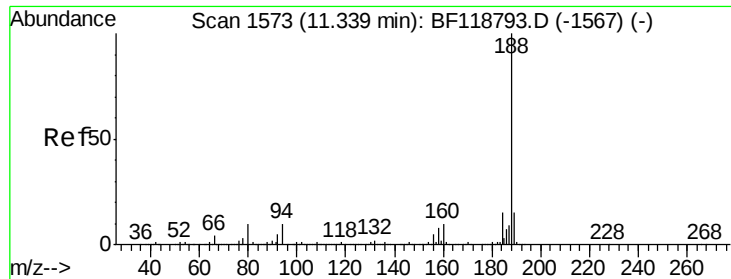
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	27.8	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 15.549 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118820.D
 Acq: 4 Feb 2020 23:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.8	46.2
170	23.2	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118820.D

Acq: 4 Feb 2020 23:57

Instrument :

BNA_F

ClientSampleId :

EO-01-020320

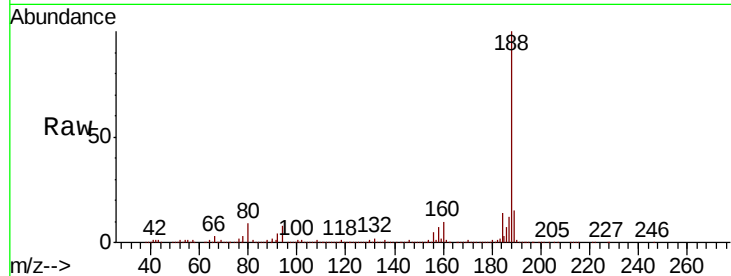
Tot Ion:188 Resp: 867174

Ion Ratio Lower Upper

188 100

94 7.9 7.9 11.9#

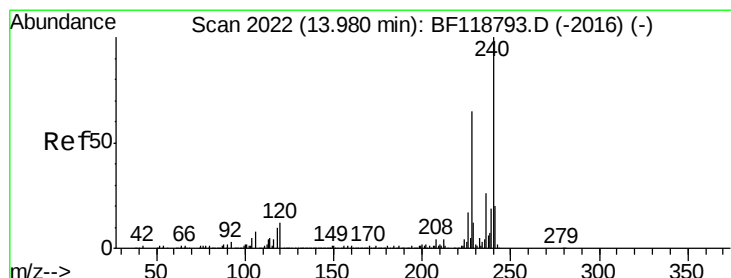
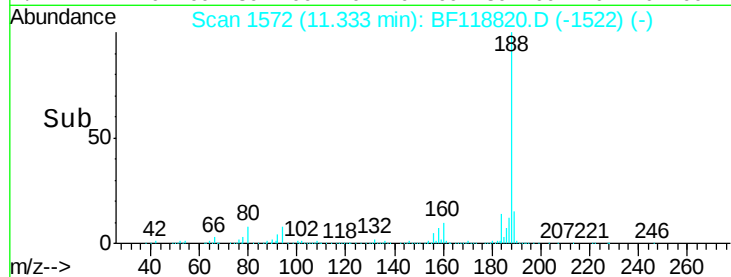
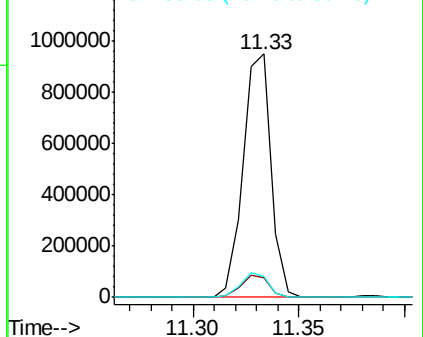
80 8.6 8.4 12.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF118820.D

Acq: 4 Feb 2020 23:57

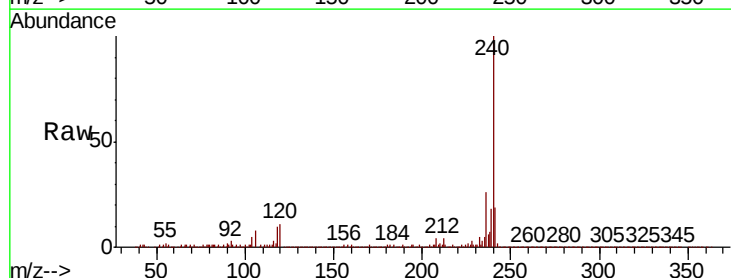
Tgt Ion:240 Resp: 609904

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.0

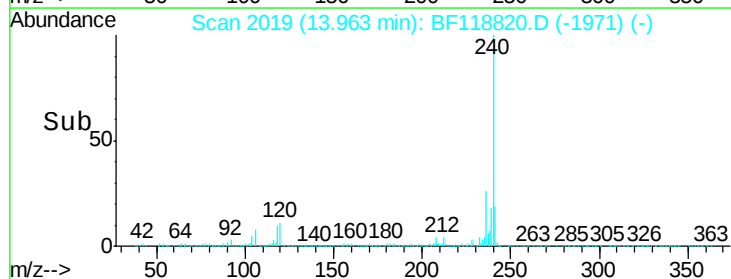
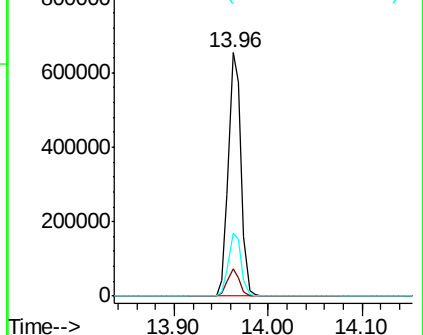
236 25.8 21.0 31.6

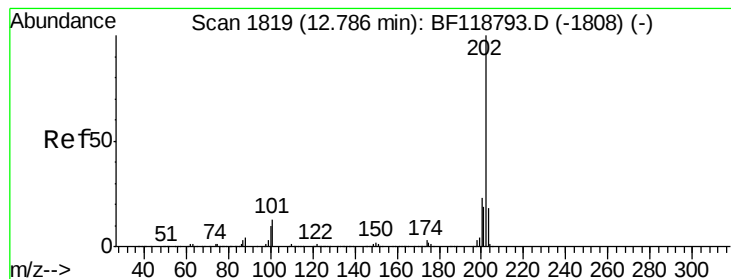


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.215 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF118820.D

Acq: 4 Feb 2020 23:57

Instrument :

BNA_F

ClientSampleId :

EO-01-020320

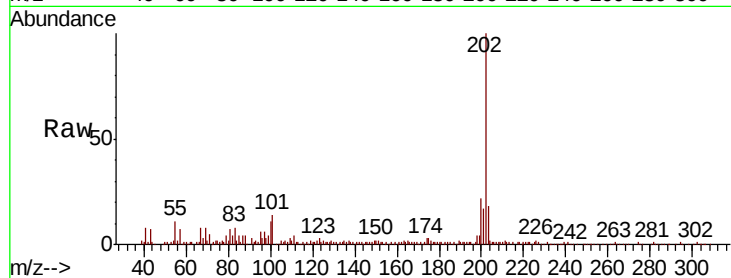
Tot Ion:202 Resp: 92662

Ion Ratio Lower Upper

202 100

200 21.6 18.2 27.2

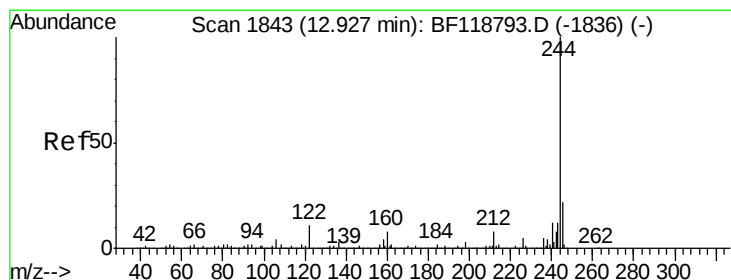
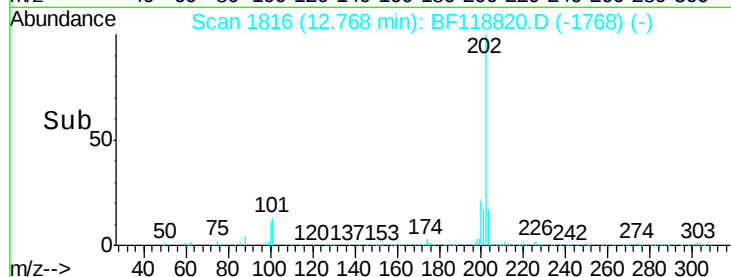
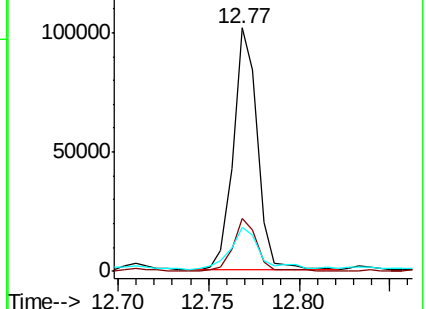
203 18.3 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 14.979 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118820.D

Acq: 4 Feb 2020 23:57

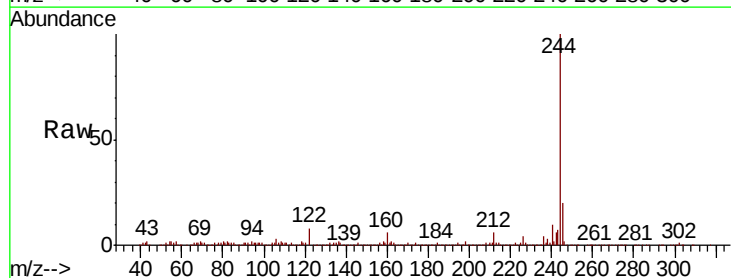
Tgt Ion:244 Resp: 444762

Ion Ratio Lower Upper

244 100

212 6.3 6.5 9.7#

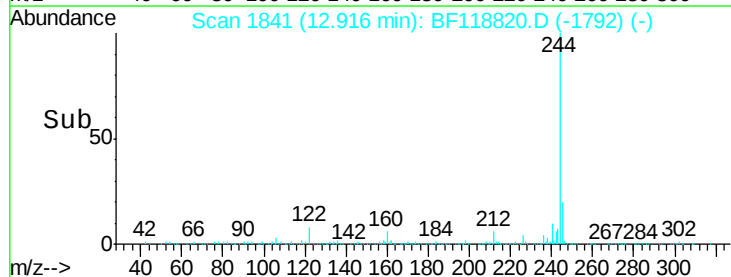
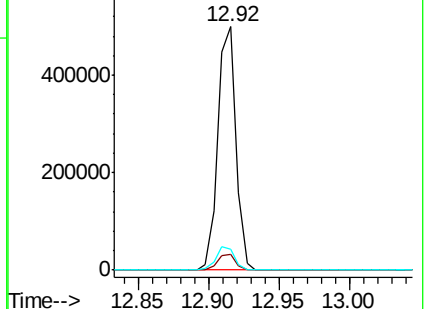
122 8.4 8.9 13.3#

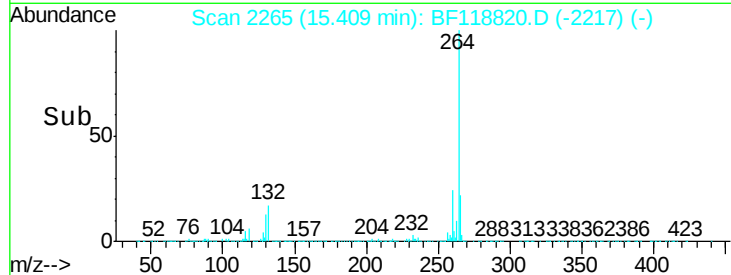
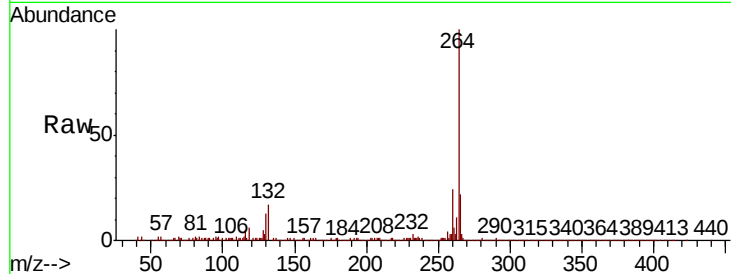
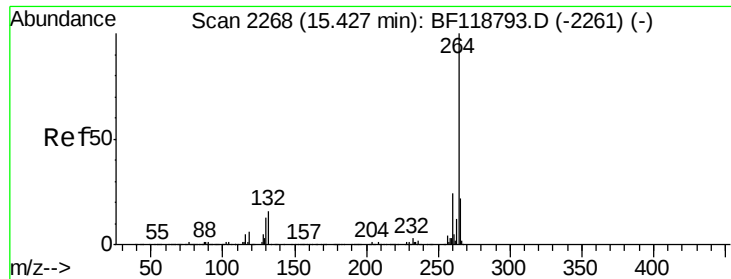


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 2265
 Delta R.T. -0.02 min
 Lab File: BF118820.D
 Acq: 4 Feb 2020 23:57

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-020320

Tot Ion:	264	Resp:	722152
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.2	17.2	25.8

