

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118815.D
 Acq On : 4 Feb 2020 21:40
 Operator : CG/JU
 Sample : L1363-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-020320

Quant Time: Feb 05 07:06:29 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	6.81	152	273417	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1054481	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	602584	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1174205	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	890811	20.00	ng	-0.02
87) Perylene-d12	15.40	264	803447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1935610	134.01	ng	0.01
7) Phenol-d6	6.45	99	2239313	124.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	1602103	90.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	1023930	142.01	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	3259701	96.71	ng	-0.01
79) Terphenyl-d14	12.92	244	4107802	94.72	ng	-0.01

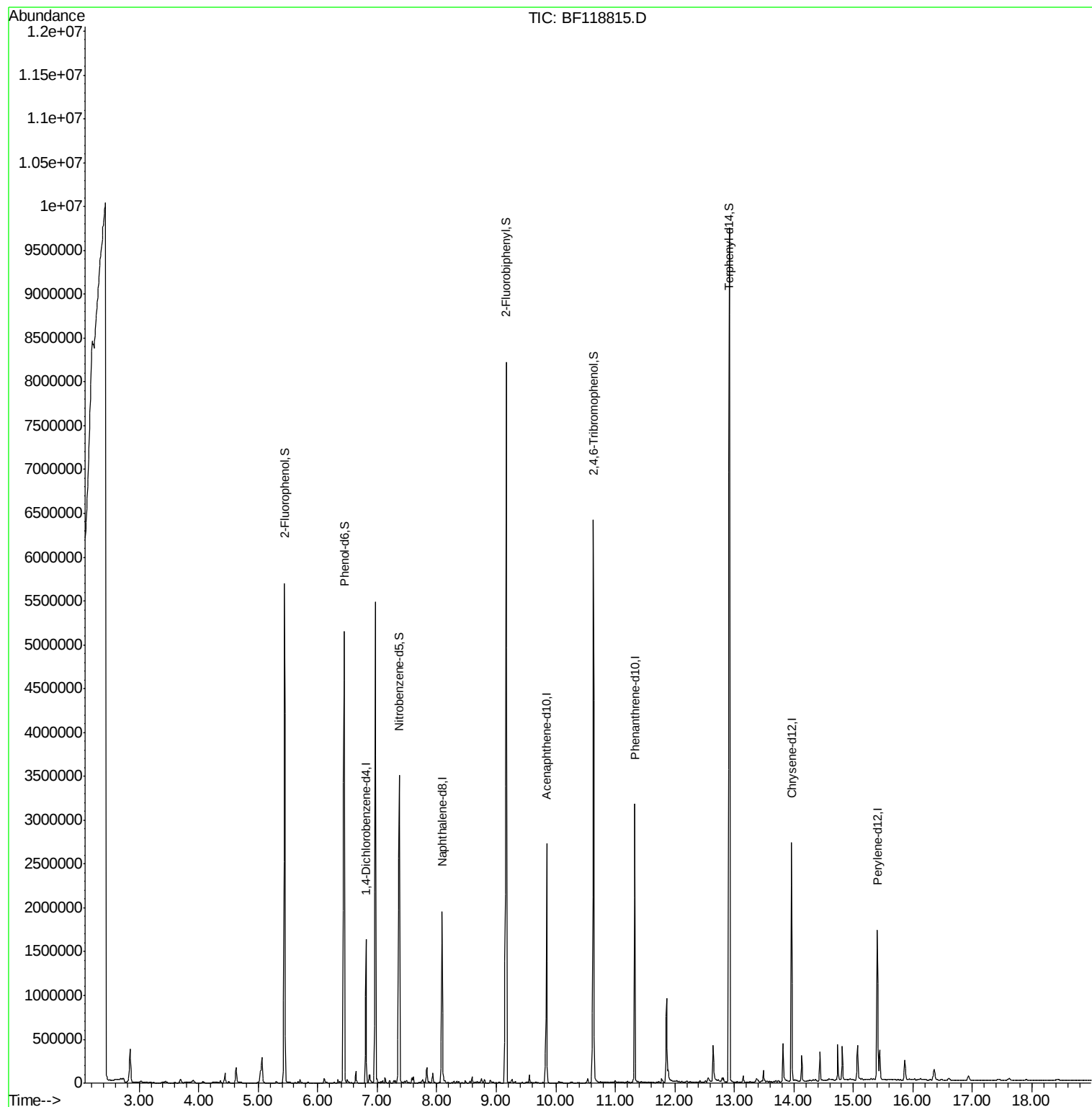
Target Compounds Qvalue

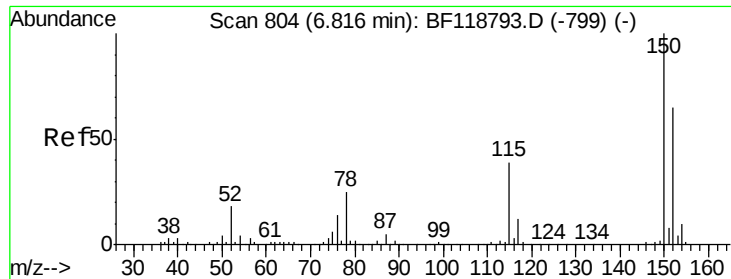
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118815.D
Acq On : 4 Feb 2020 21:40
Operator : CG/JU
Sample : L1363-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-020320

Quant Time: Feb 05 07:06:29 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

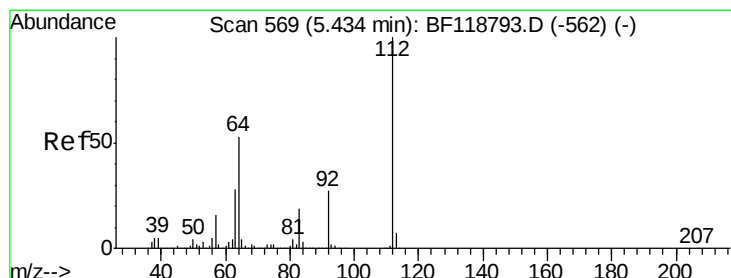
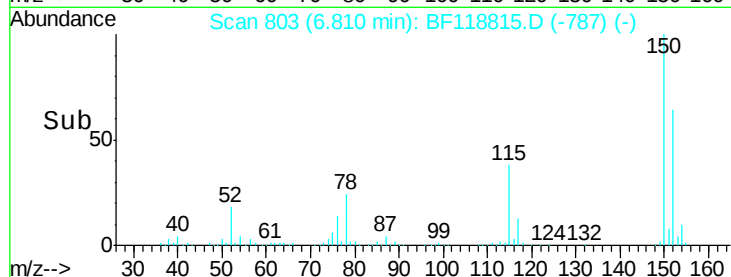
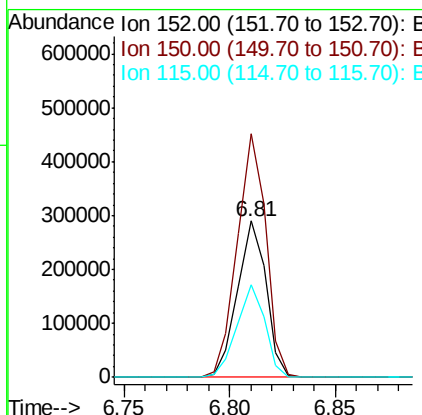
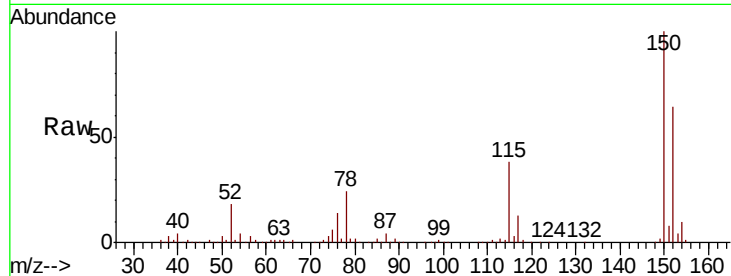




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118815.D
 Acq: 4 Feb 2020 21:40

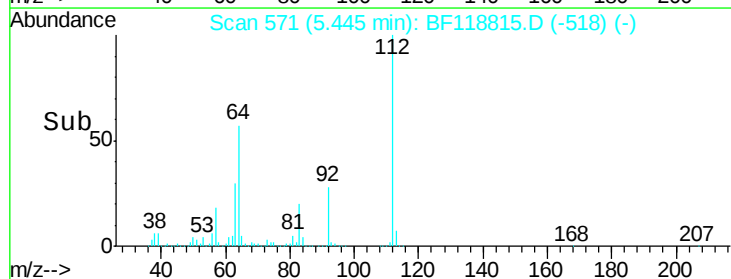
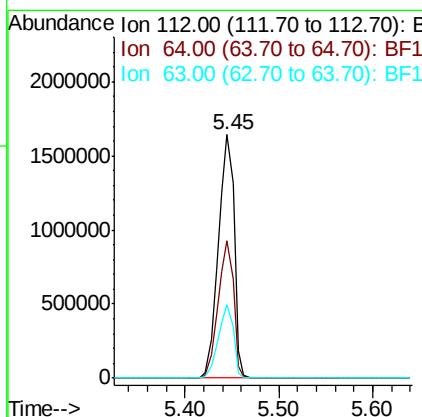
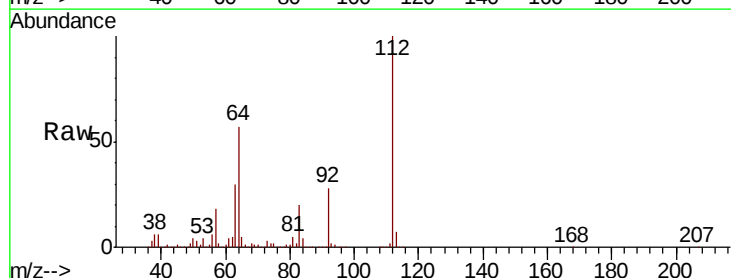
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-020320

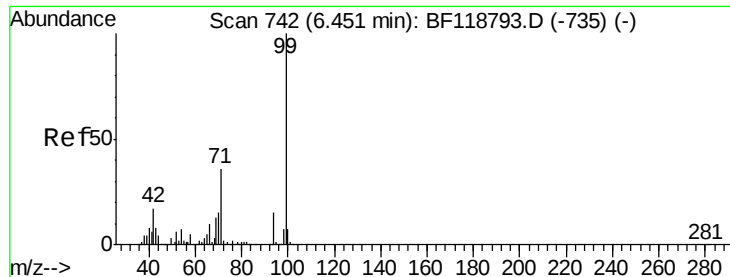
Tot Ion:152 Resp: 273417
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.6 185.4
 115 59.5 48.2 72.2



#5
 2-Fluorophenol
 Concen: 134.007 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF118815.D
 Acq: 4 Feb 2020 21:40

Tgt Ion:112 Resp: 1935610
 Ion Ratio Lower Upper
 112 100
 64 56.6 42.6 63.8
 63 30.0 22.2 33.4





#7

Phenol-d6

Concen: 124.890 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118815.D

Acq: 4 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

HR-06-020320

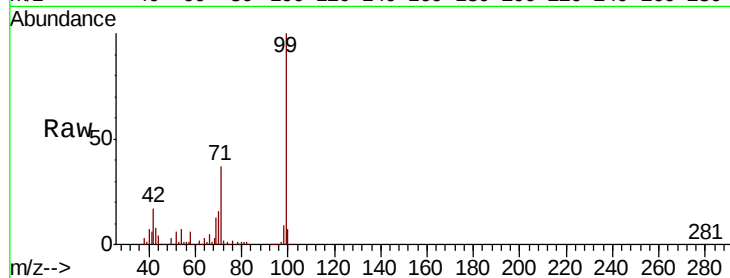
Tot Ion: 99 Resp: 2239313

Ion Ratio Lower Upper

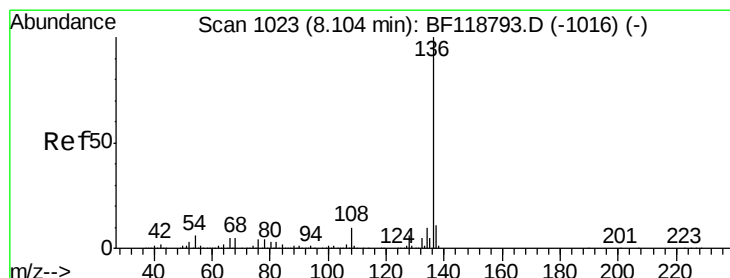
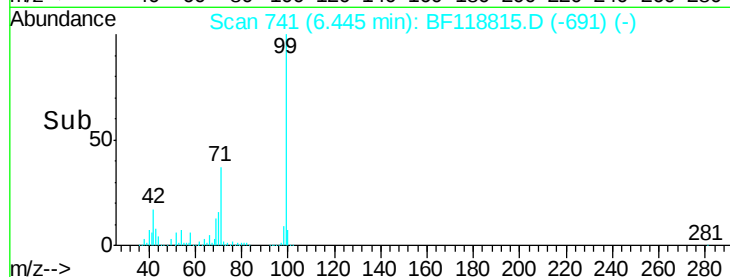
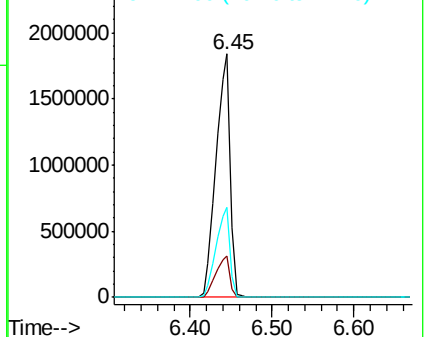
99 100

42 17.1 13.4 20.0

71 37.1 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118815.D

Acq: 4 Feb 2020 21:40

Tgt Ion: 136 Resp: 1054481

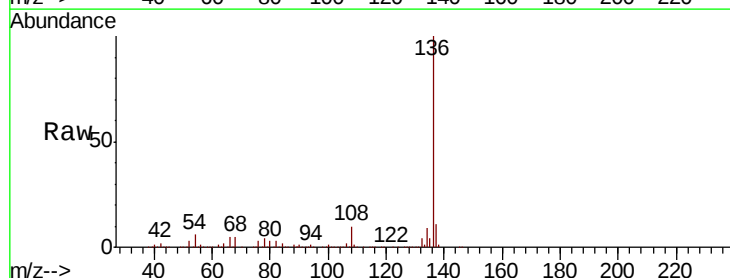
Ion Ratio Lower Upper

136 100

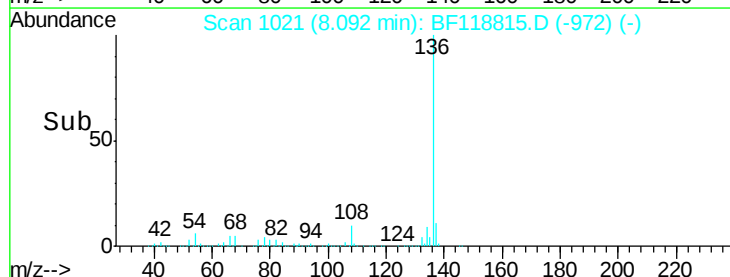
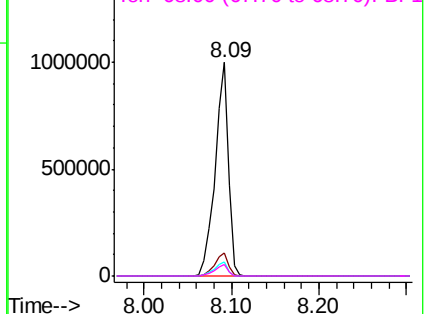
137 11.0 8.7 13.1

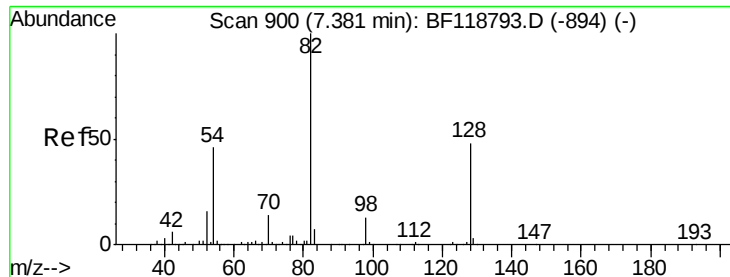
54 6.4 5.0 7.6

68 5.4 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: 90.559 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118815.D

Acq: 4 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

HR-06-020320

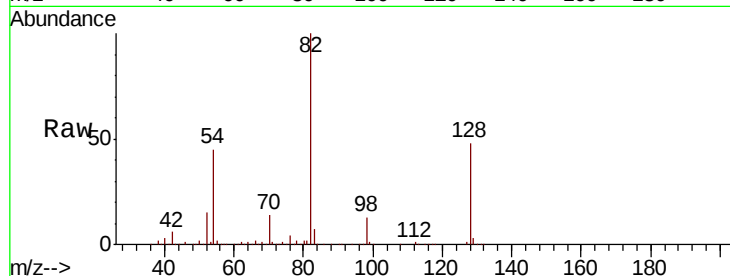
Tot Ion: 82 Resp: 1602103

Ion Ratio Lower Upper

82 100

128 47.9 38.5 57.7

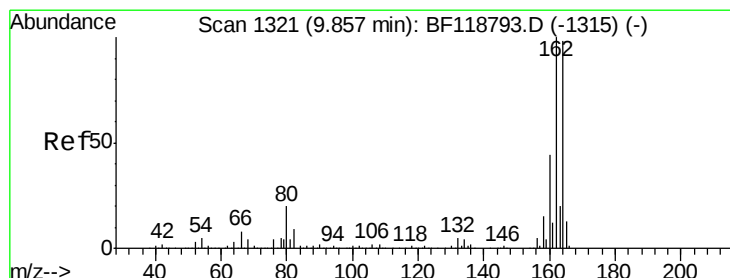
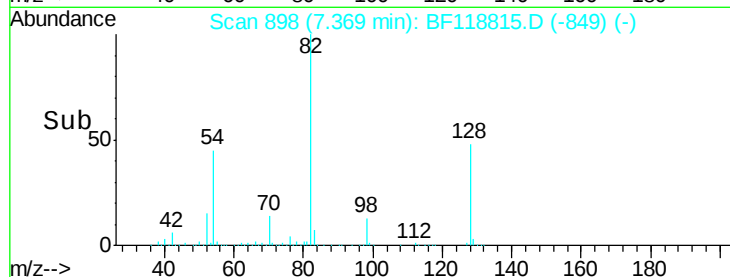
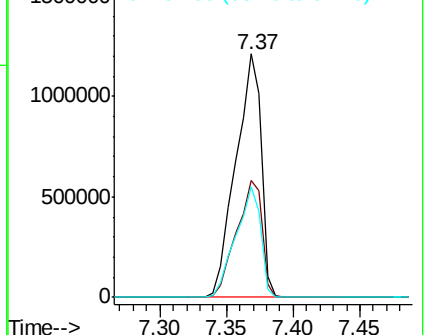
54 45.2 36.7 55.1



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# 1319

Delta R.T. -0.01 min

Lab File: BF118815.D

Acq: 4 Feb 2020 21:40

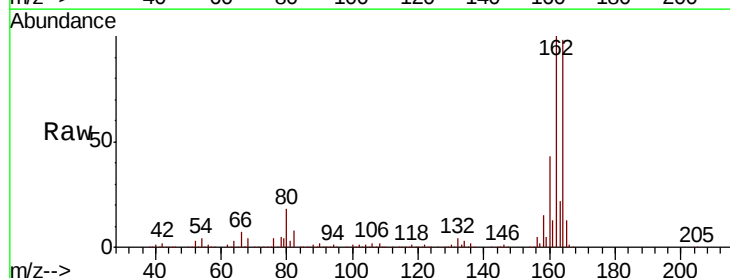
Tgt Ion:164 Resp: 602584

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

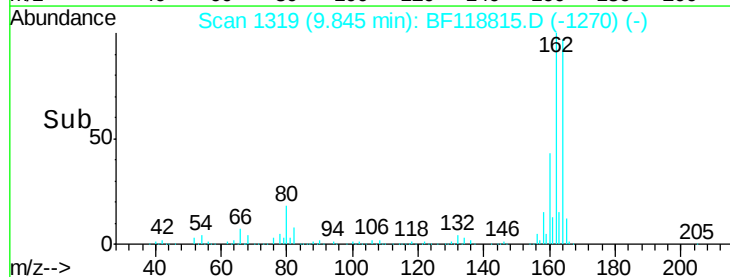
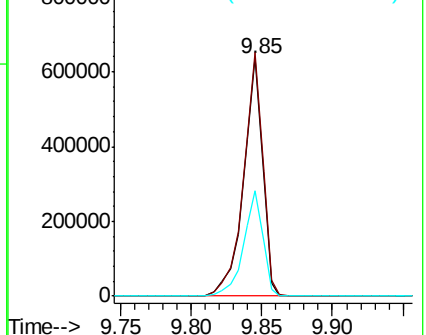
160 44.3 35.6 53.4

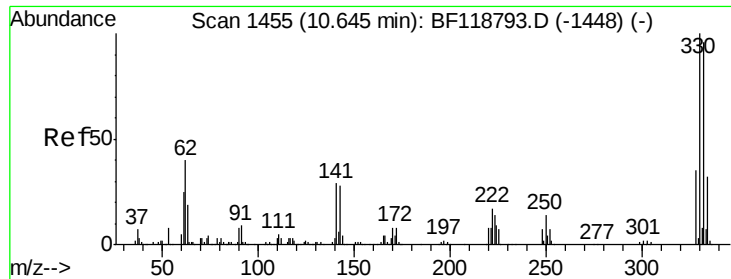


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

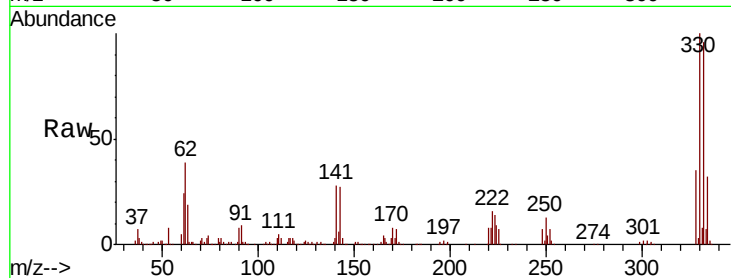




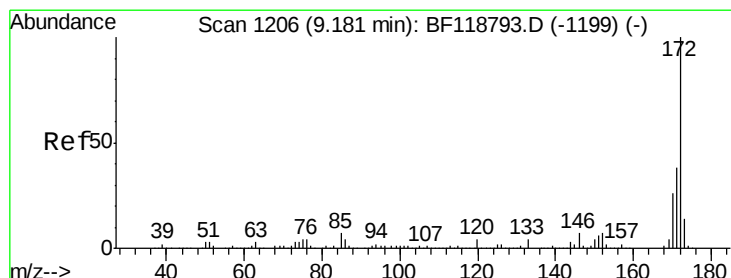
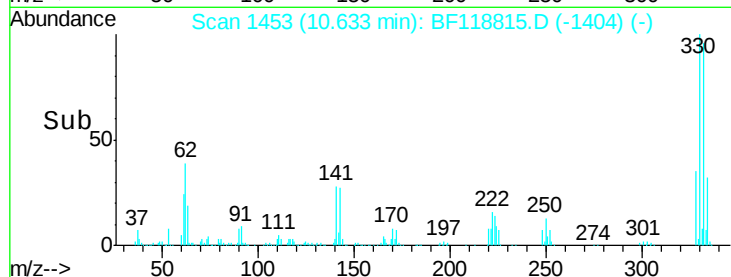
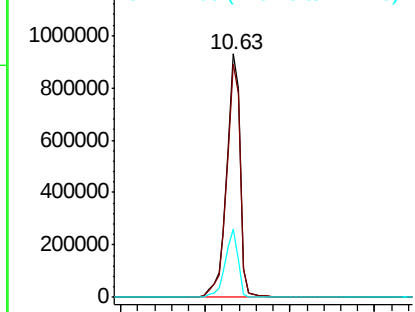
#42
 2,4,6-Tribromophenol
 Concen: 142.014 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118815.D
 Acq: 4 Feb 2020 21:40

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-020320

Tot Ion:330 Resp: 1023930
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 27.1 22.4 33.6

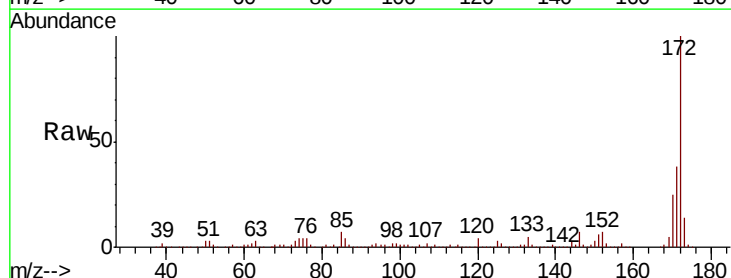


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

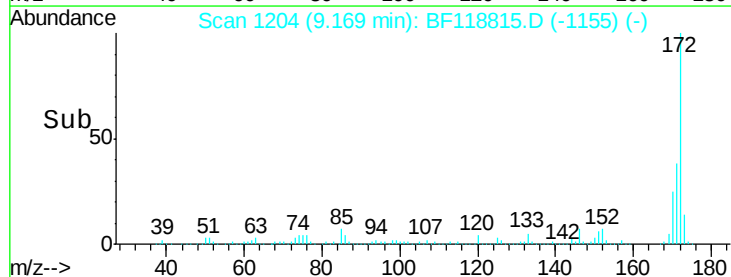
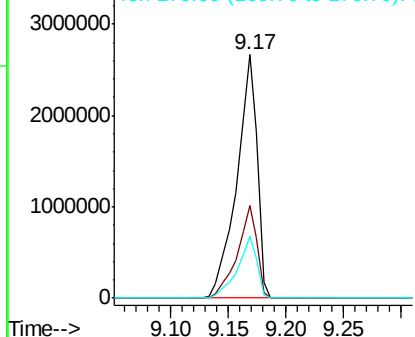


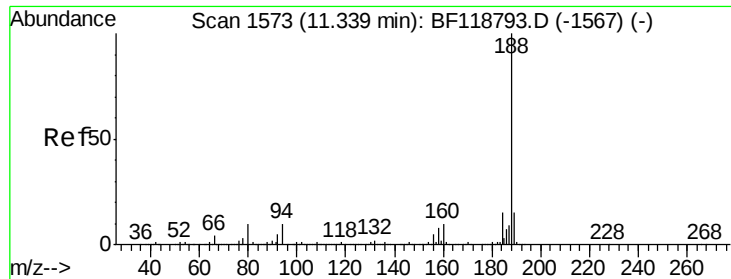
#45
 2-Fluorobiphenyl
 Concen: 96.706 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118815.D
 Acq: 4 Feb 2020 21:40

Tgt Ion:172 Resp: 3259701
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 25.3 20.5 30.7



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

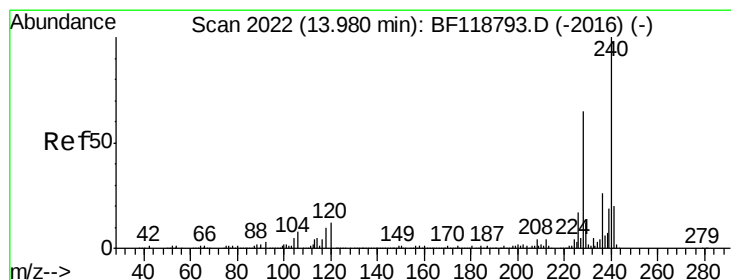
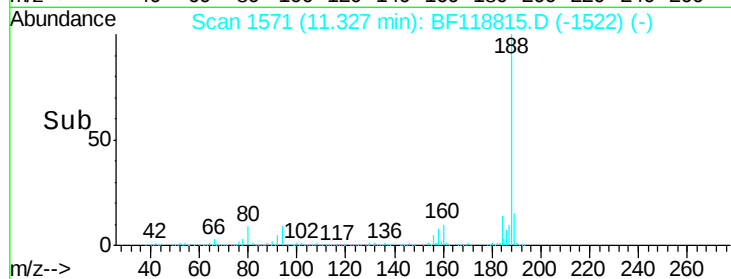
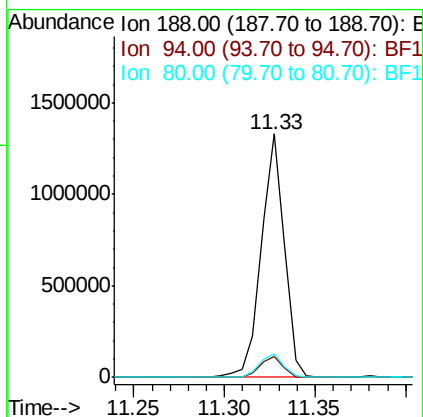
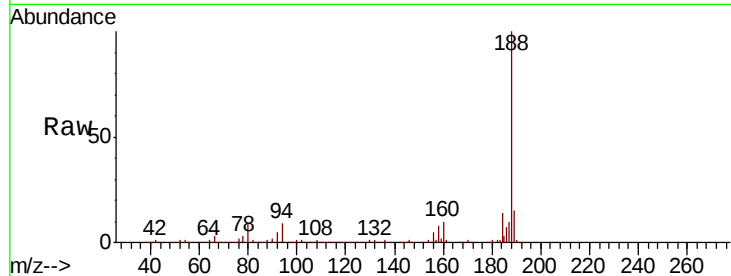




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118815.D
Acq: 4 Feb 2020 21:40

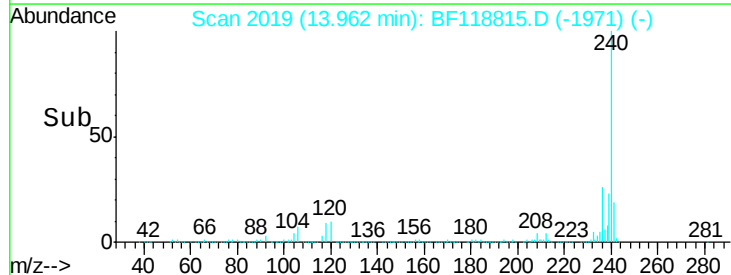
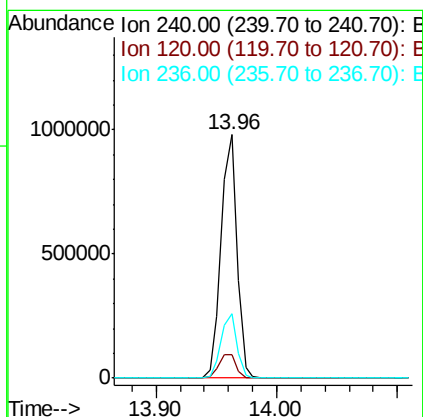
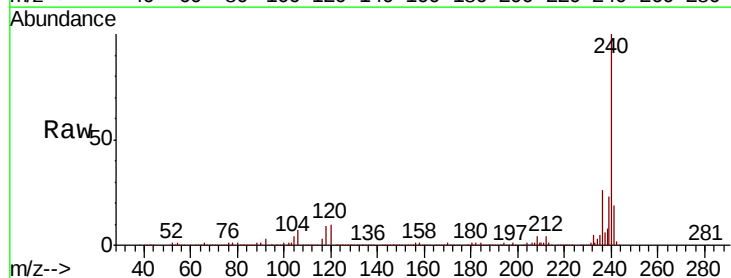
Instrument :
BNA_F
ClientSampleId :
HR-06-020320

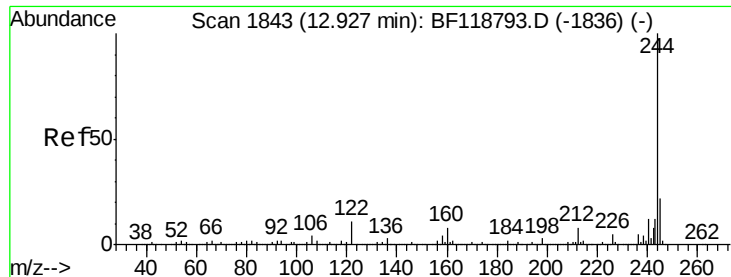
Tot Ion:188 Resp: 1174205
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.4 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118815.D
Acq: 4 Feb 2020 21:40

Tgt Ion:240 Resp: 890811
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.0
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 94.718 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118815.D

Acq: 4 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

HR-06-020320

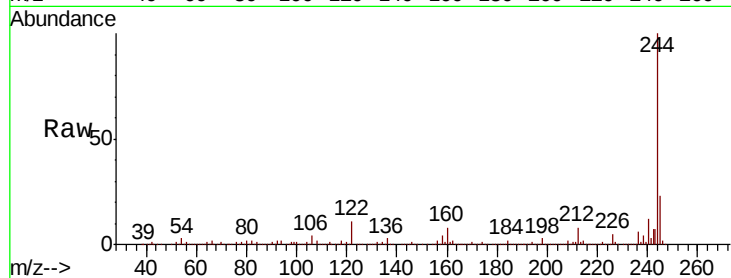
Tot Ion:244 Resp: 4107802

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

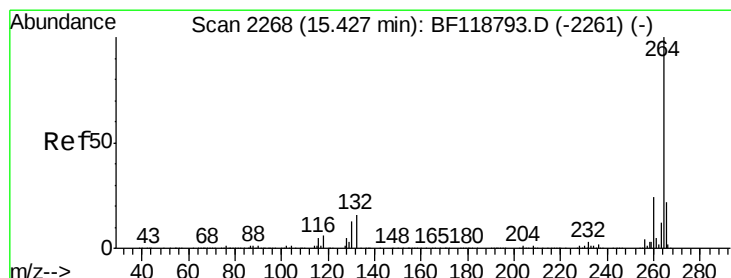
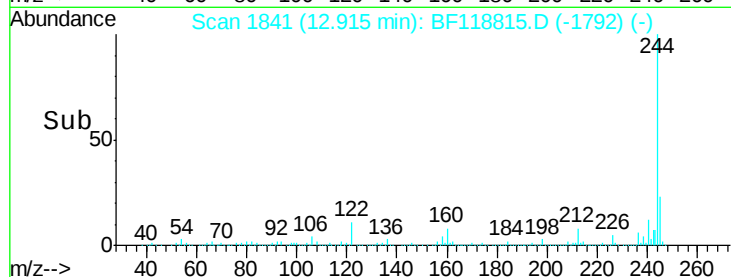
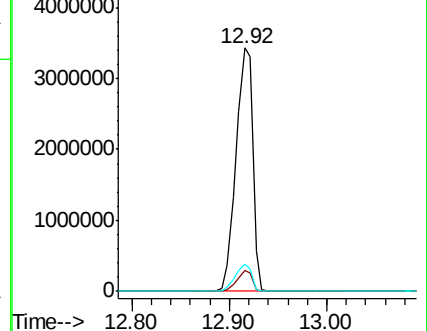
122 11.1 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BF118815.D

Acq: 4 Feb 2020 21:40

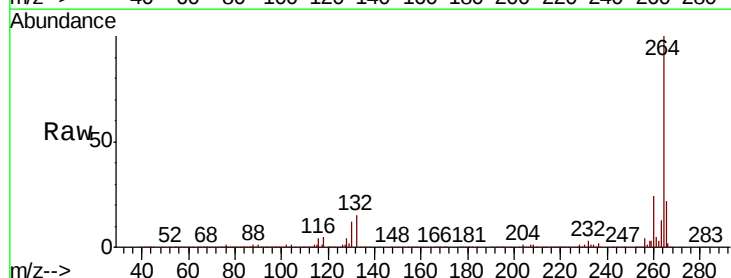
Tgt Ion:264 Resp: 803447

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 22.3 17.2 25.8



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

