

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
 Data File : BF118528.D
 Acq On : 10 Jan 2020 21:31
 Operator : JU
 Sample : L1084-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AF-1

Quant Time: Jan 11 03:39:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	90512	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	336120	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	168256	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	265088	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	179469	20.00	ng	-0.01
87) Perylene-d12	15.52	264	158739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	613675	111.92	ng	0.01
7) Phenol-d6	6.47	99	700436	106.85	ng	0.00
23) Nitrobenzene-d5	7.40	82	508690	79.50	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	247004	124.41	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	988205	84.23	ng	-0.01
79) Terphenyl-d14	12.96	244	1126129	99.44	ng	0.00

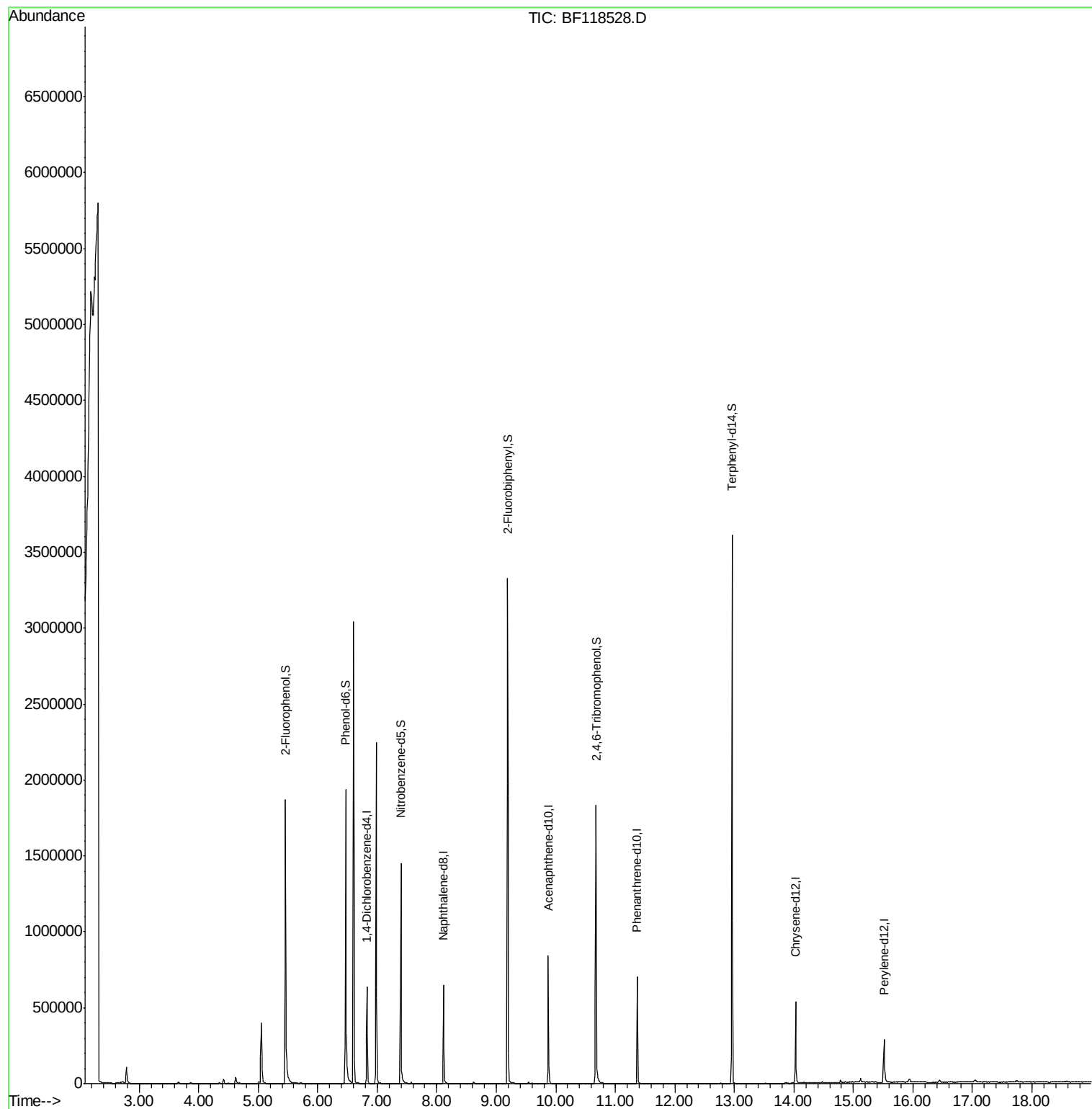
Target Compounds Qvalue

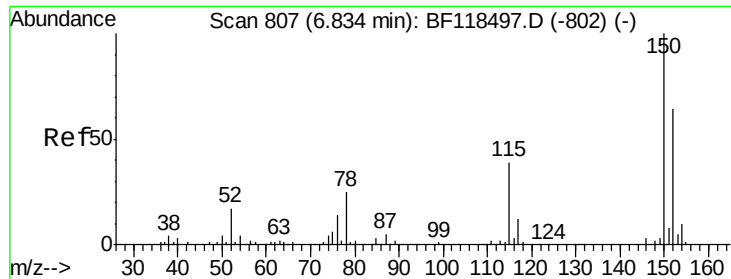
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
Data File : BF118528.D
Acq On : 10 Jan 2020 21:31
Operator : JU
Sample : L1084-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AF-1

Quant Time: Jan 11 03:39:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration



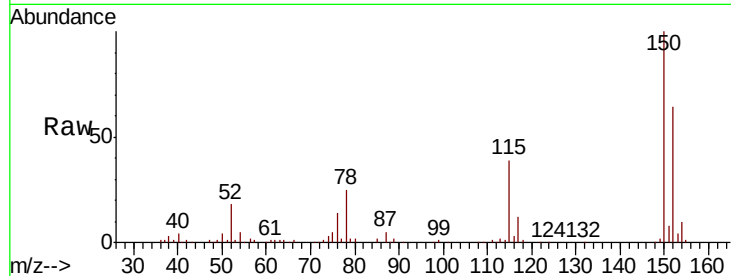


#1

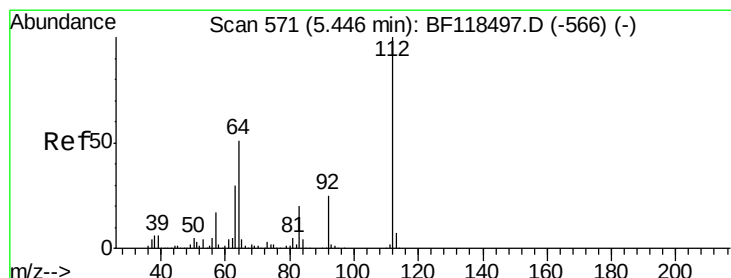
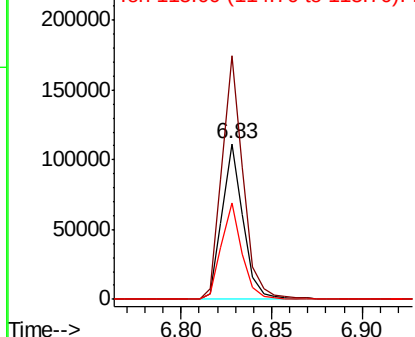
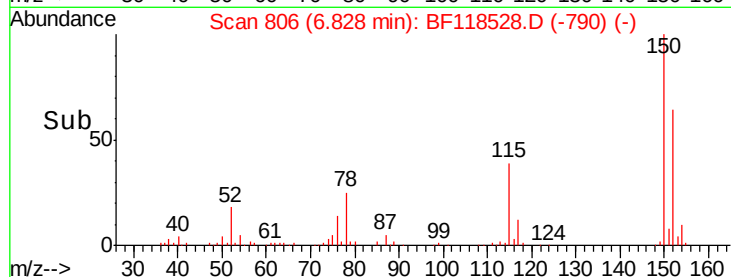
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118528.D
Acq: 10 Jan 2020 21:31

Instrument :
BNA_F
ClientSampleId :
AF-1

Tot Ion:152 Resp: 90512
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 61.7 49.0 73.6



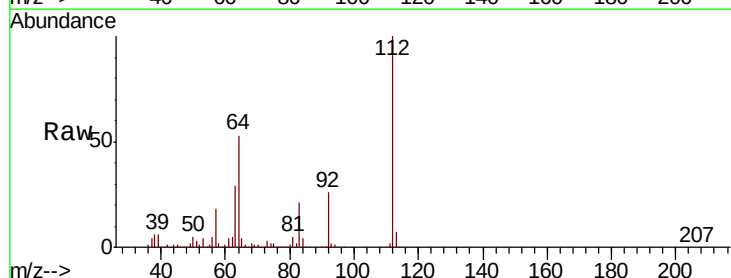
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



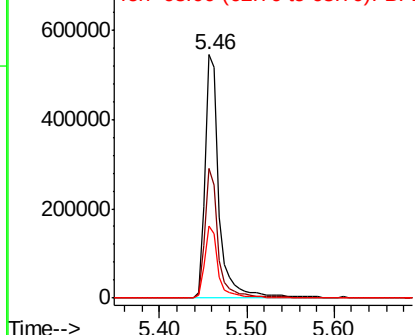
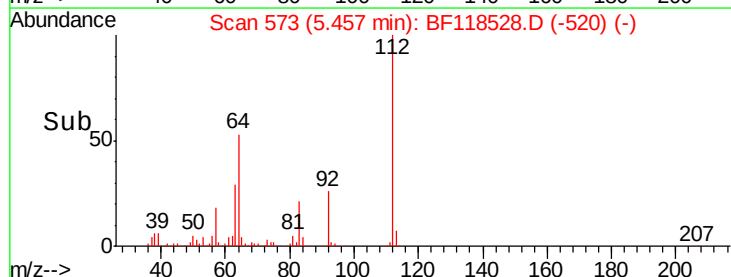
#5

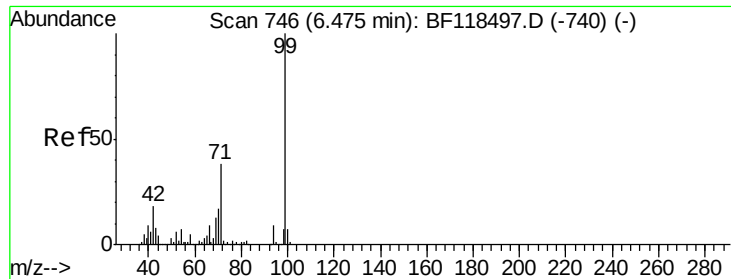
2-Fluorophenol
Concen: 111.921 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF118528.D
Acq: 10 Jan 2020 21:31

Tgt Ion:112 Resp: 613675
Ion Ratio Lower Upper
112 100
64 53.4 41.1 61.7
63 29.4 24.1 36.1



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: 106.849 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

Instrument :

BNA_F

ClientSampleId :

AF-1

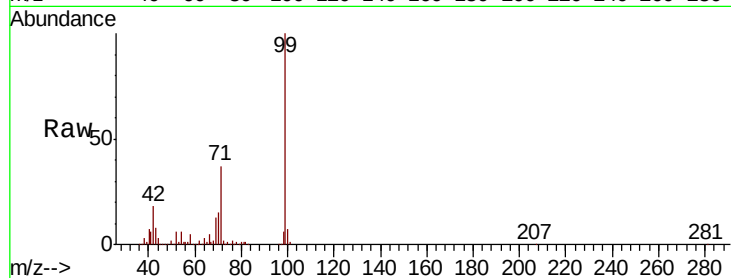
Tot Ion: 99 Resp: 700436

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

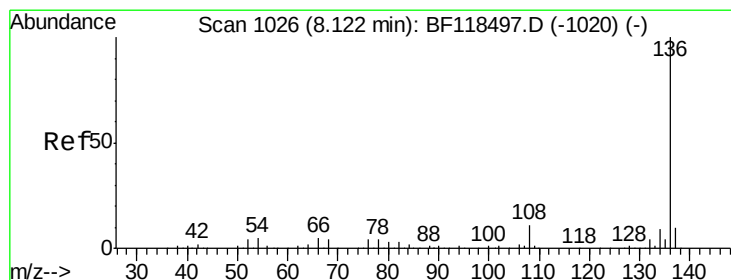
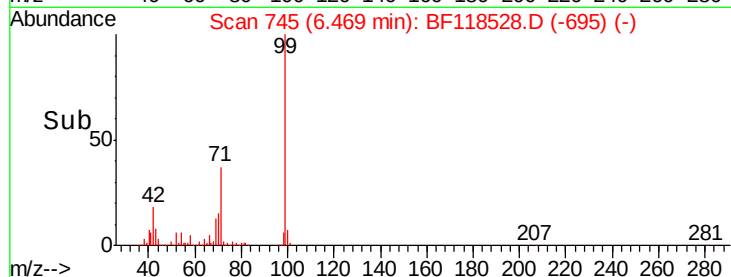
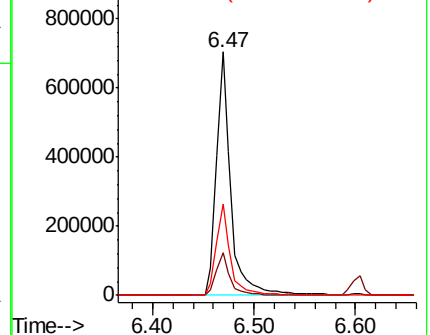
71 37.3 30.6 45.8



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

Tgt Ion: 136 Resp: 336120

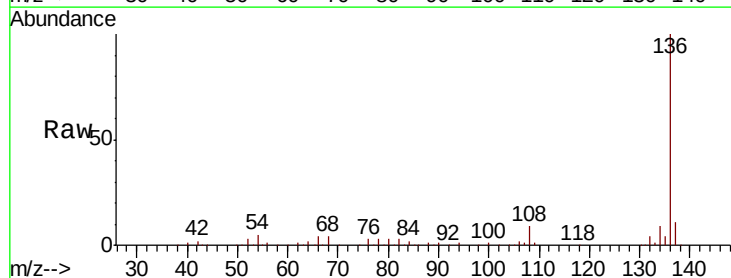
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 4.7 4.2 6.2

68 3.7 3.3 4.9

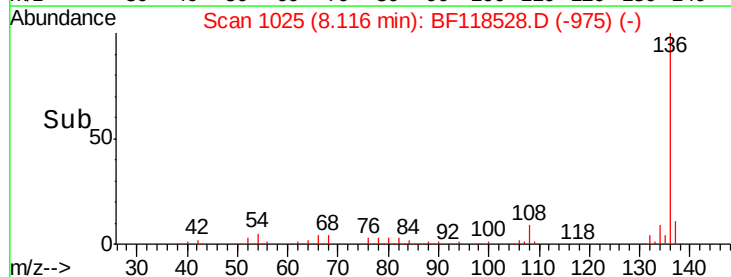
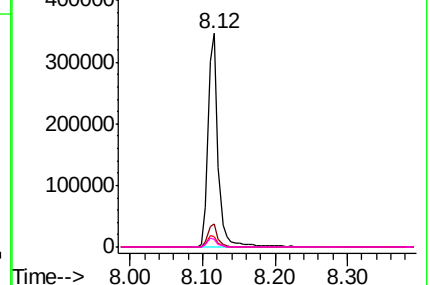


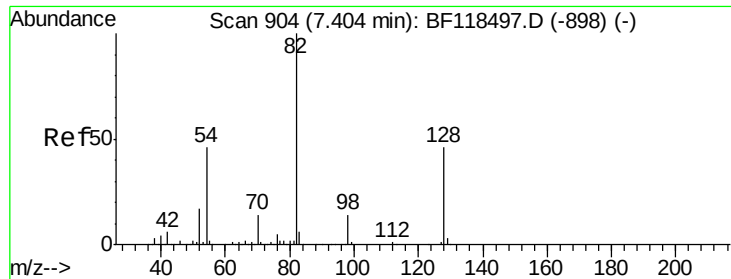
Abundance Ion 136.00 (135.70 to 136.70): E

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

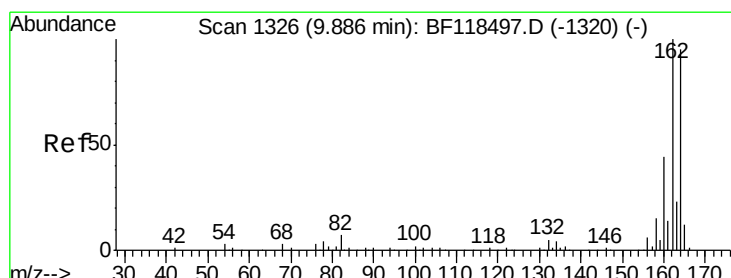
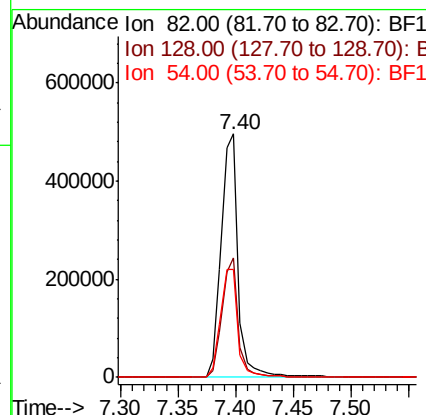
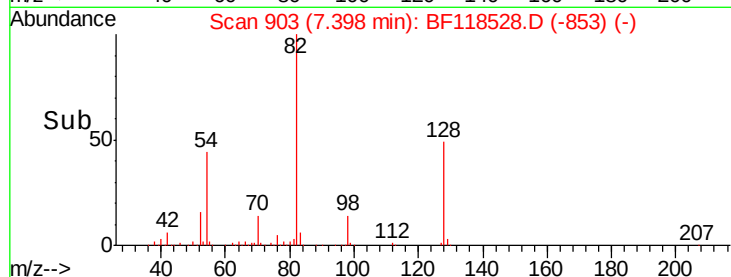
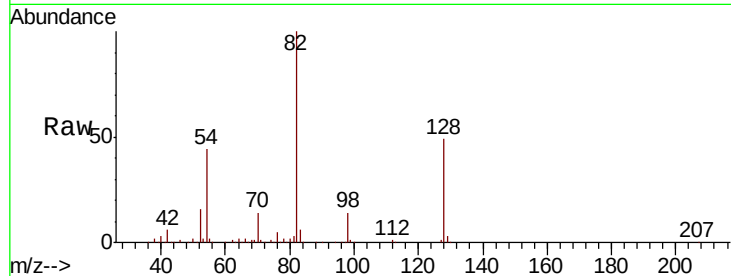




#23
 Nitrobenzene-d5
 Concen: 79.502 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118528.D
 Acq: 10 Jan 2020 21:31

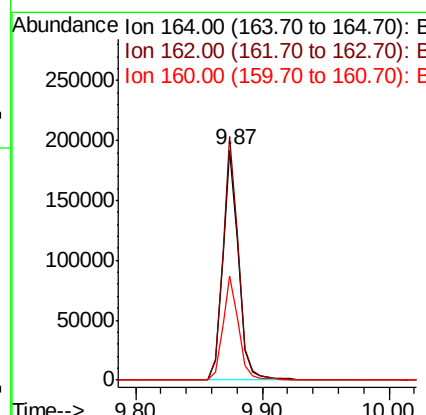
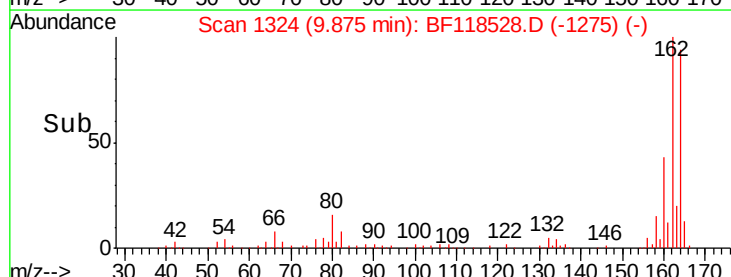
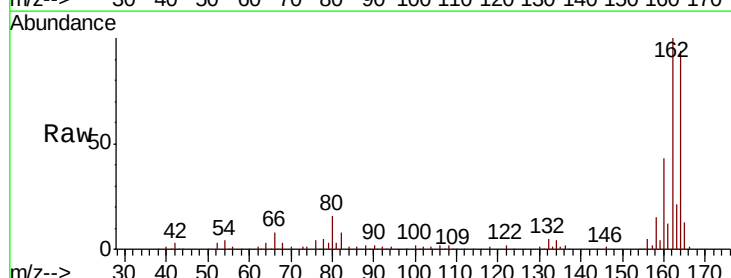
Instrument :
 BNA_F
 ClientSampleId :
 AF-1

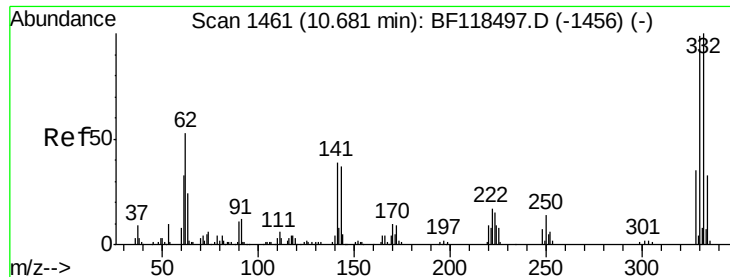
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.6	54.8
54	44.3	37.0	55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118528.D
 Acq: 10 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.2	126.4
160	45.4	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 124.411 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

Instrument :

BNA_F

ClientSampleId :

AF-1

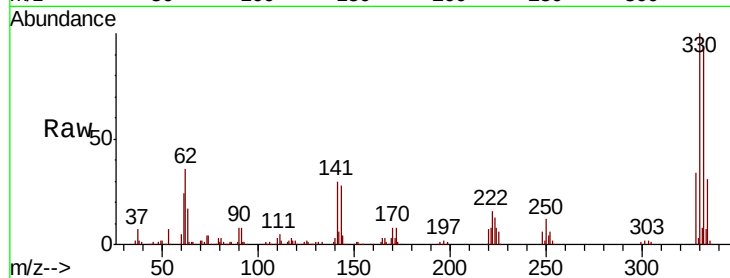
Tot Ion:330 Resp: 247004

Ion Ratio Lower Upper

330 100

332 95.3 77.9 116.9

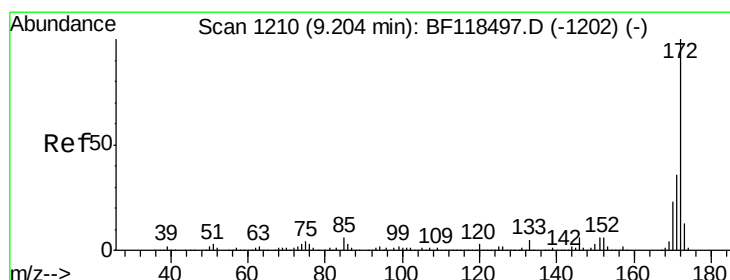
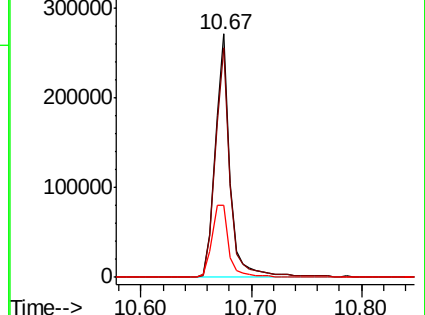
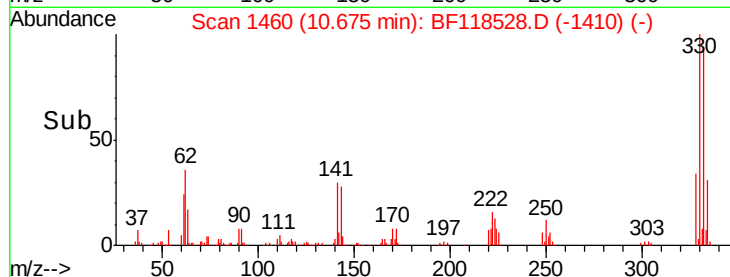
141 34.6 28.6 43.0



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: 84.234 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

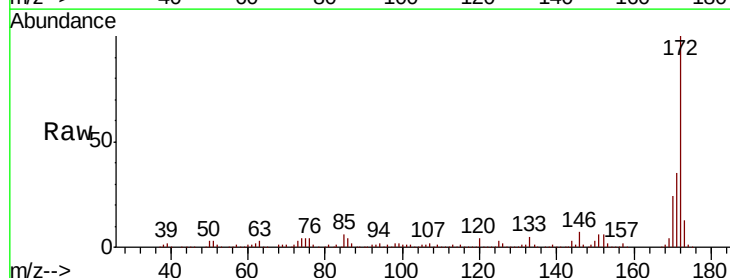
Tgt Ion:172 Resp: 988205

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

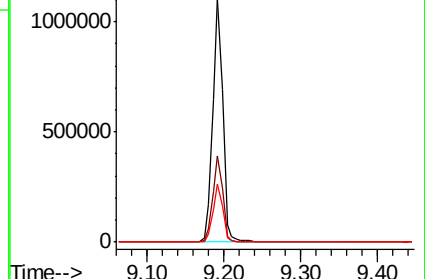
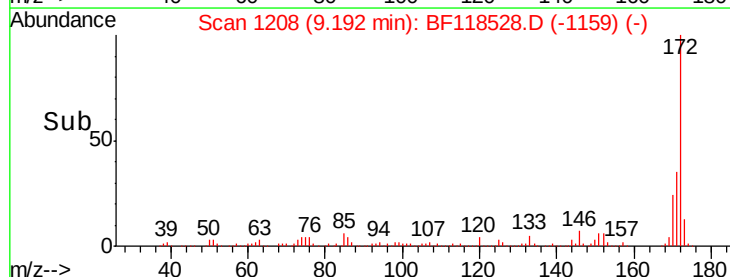
170 24.1 18.6 27.8

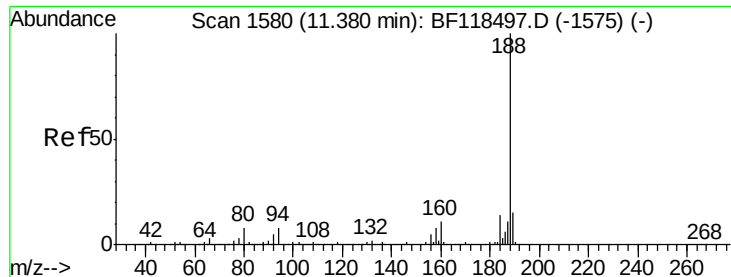


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

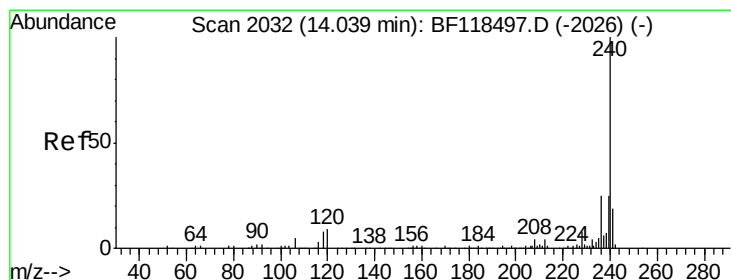
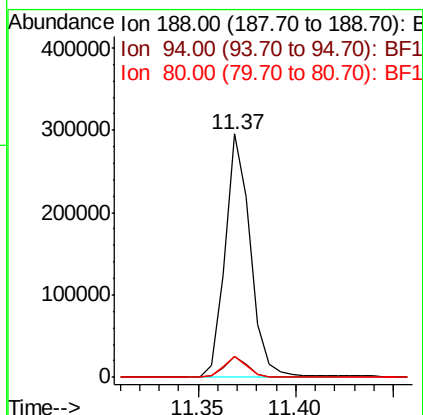
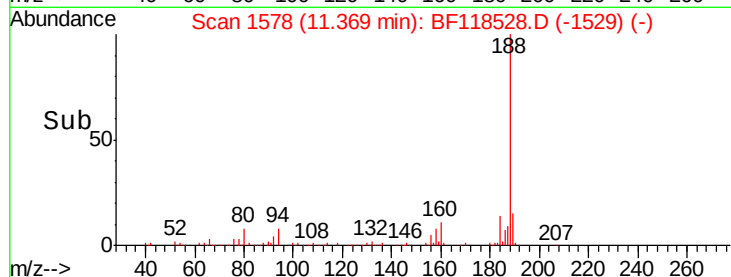
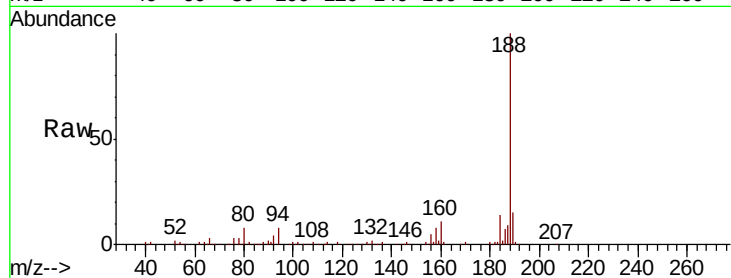




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118528.D
Acq: 10 Jan 2020 21:31

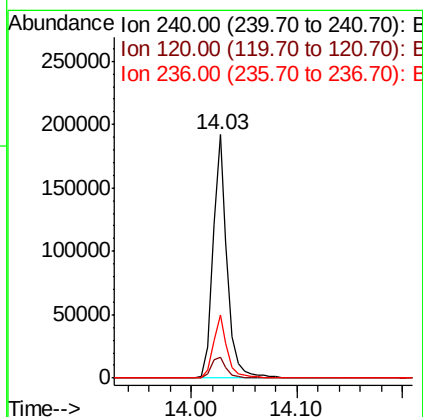
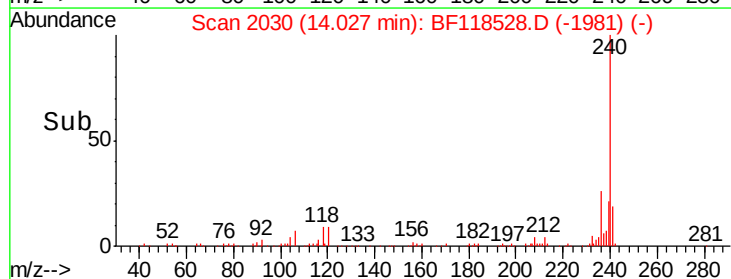
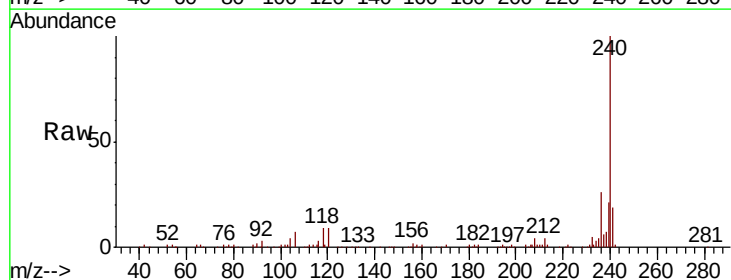
Instrument :
BNA_F
ClientSampleId :
AF-1

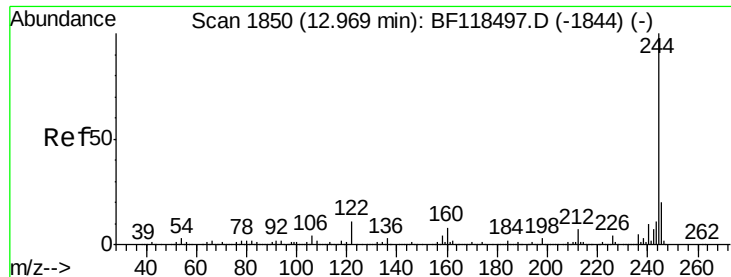
Tot Ion:188 Resp: 265088
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.4
80 8.4 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118528.D
Acq: 10 Jan 2020 21:31

Tgt Ion:240 Resp: 179469
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.0 20.1 30.1





#79

Terphenyl-d14

Concen: 99.435 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

Instrument :

BNA_F

ClientSampleId :

AF-1

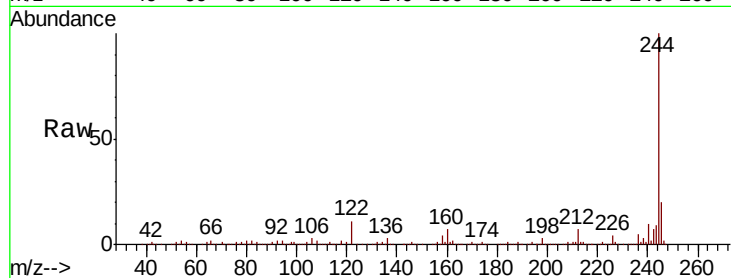
Tot Ion:244 Resp: 1126129

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

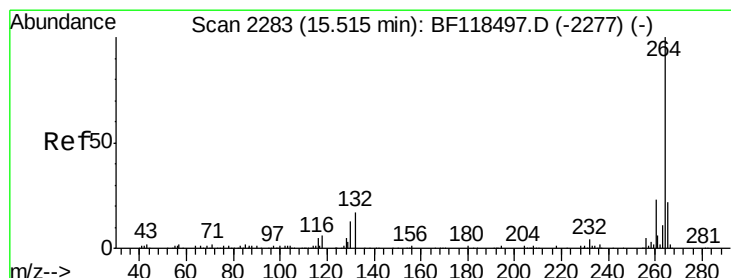
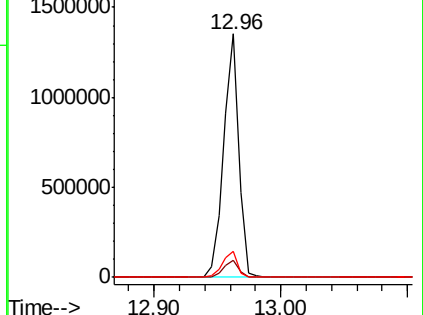
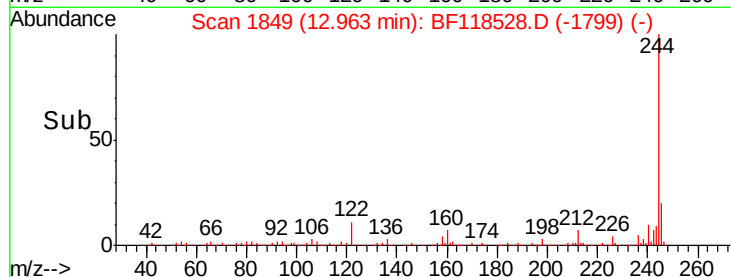
122 10.7 9.0 13.6



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: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

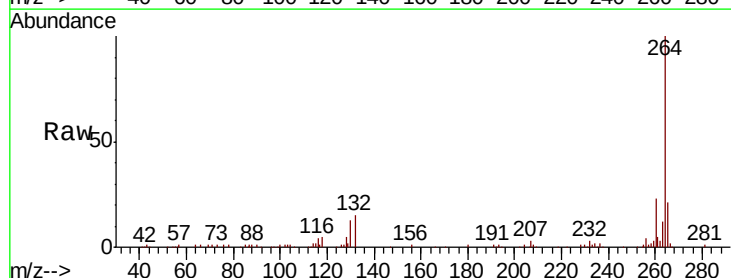
Tgt Ion:264 Resp: 158739

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.2 17.5 26.3



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

