

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118186.D
 Acq On : 13 Dec 2019 15:15
 Operator : JU
 Sample : K6235-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Dec 13 23:05:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120728	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	466019	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	243889	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	450115	20.00	ng	0.00
76) Chrysene-d12	14.06	240	294937	20.00	ng	-0.01
87) Perylene-d12	15.55	264	269610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	418572	60.72	ng	0.00
7) Phenol-d6	6.49	99	311037	37.31	ng	0.00
23) Nitrobenzene-d5	7.43	82	716542	86.50	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	417855	141.03	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1438294	89.74	ng	0.00
79) Terphenyl-d14	13.00	244	1756899	102.44	ng	0.00

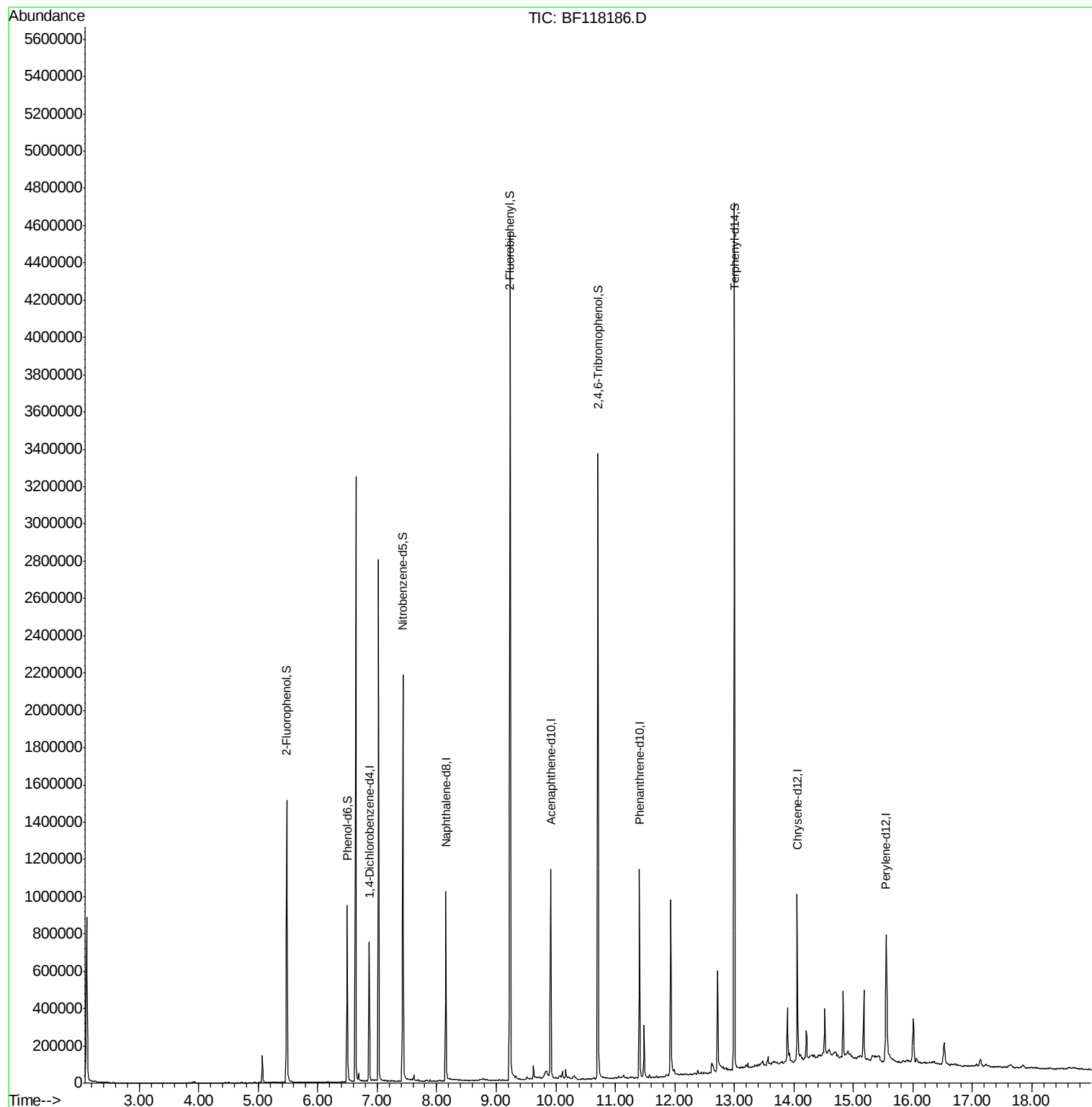
Target Compounds Qvalue

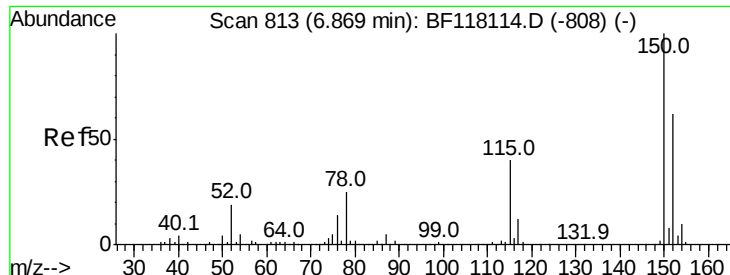
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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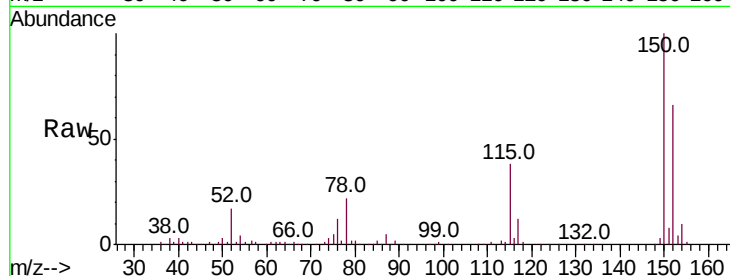


#1

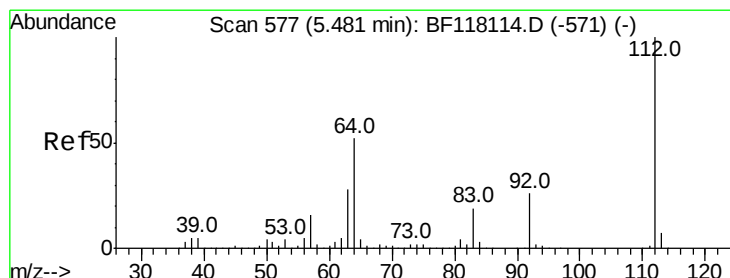
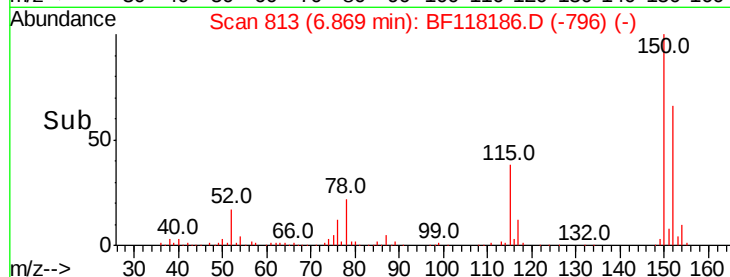
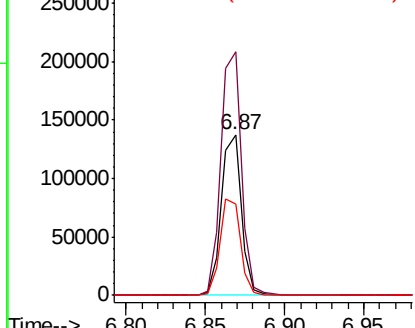
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118186.D
Acq: 13 Dec 2019 15:15

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion:152 Resp: 120728
Ion Ratio Lower Upper
152 100
150 151.6 128.3 192.5
115 57.1 51.1 76.7



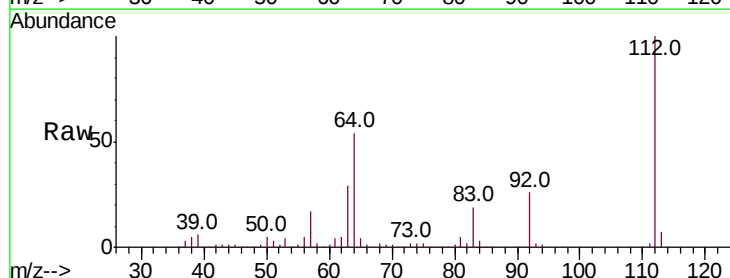
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



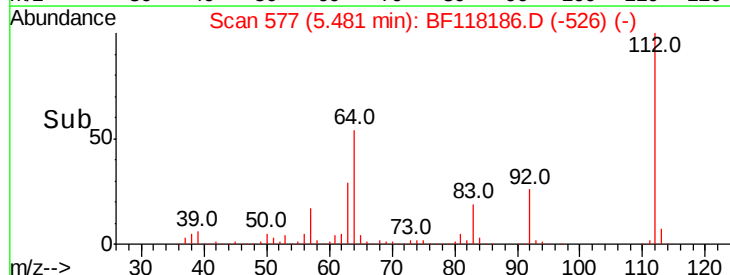
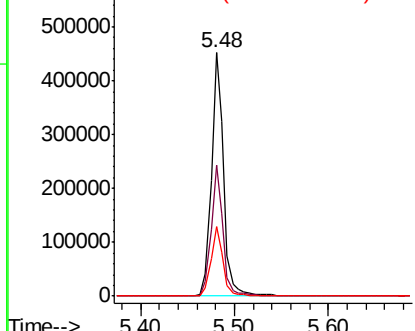
#5

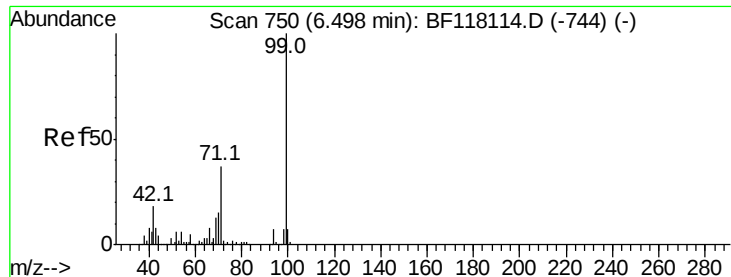
2-Fluorophenol
Concen: 60.724 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118186.D
Acq: 13 Dec 2019 15:15

Tgt Ion:112 Resp: 418572
Ion Ratio Lower Upper
112 100
64 53.9 41.3 61.9
63 28.7 22.4 33.6



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: 37.307 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118186.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_F

ClientSampleId :

DUP

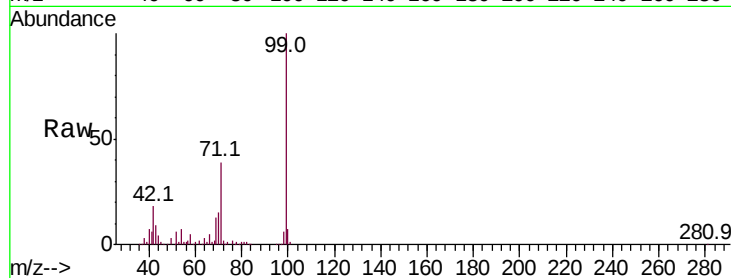
Tot Ion: 99 Resp: 311037

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

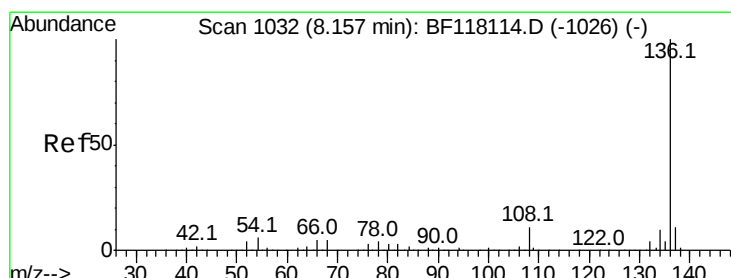
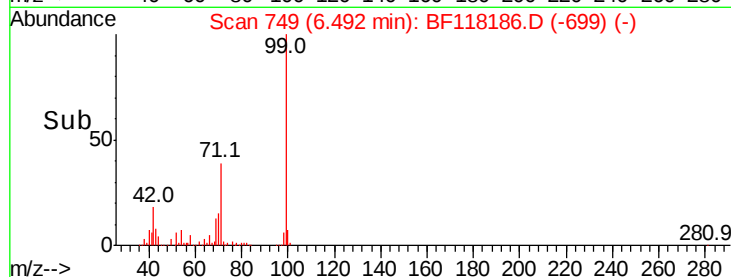
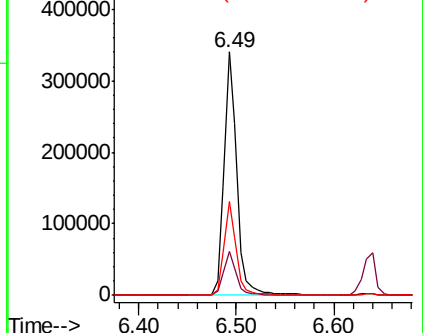
71 38.8 29.7 44.5



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118186.D

Acq: 13 Dec 2019 15:15

Tgt Ion: 136 Resp: 466019

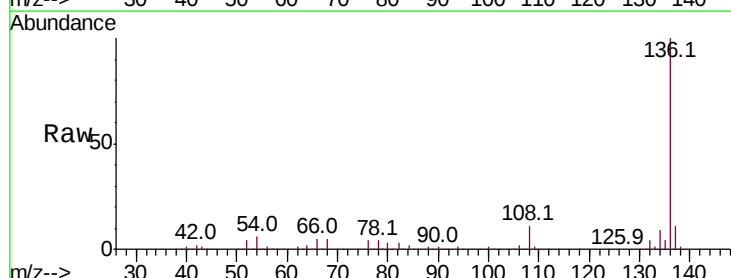
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 6.3 5.0 7.6

68 4.6 3.8 5.8

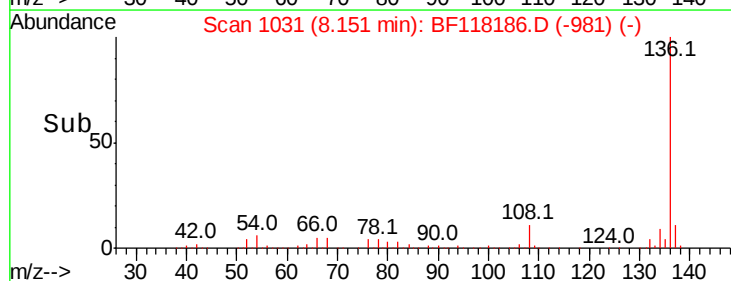
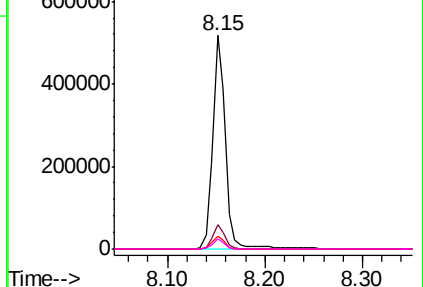


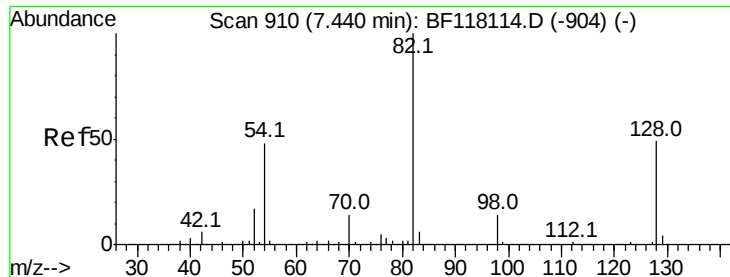
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.501 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118186.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_F

ClientSampled :

DUP

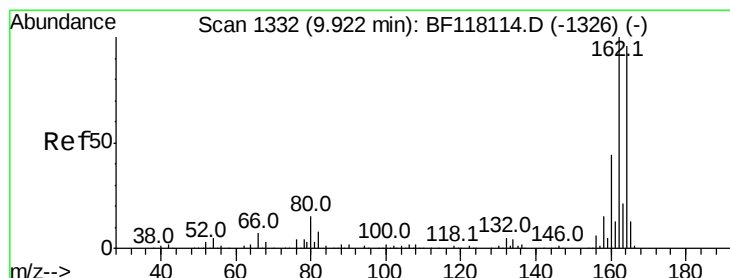
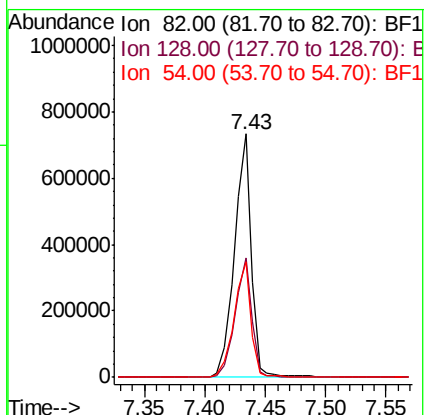
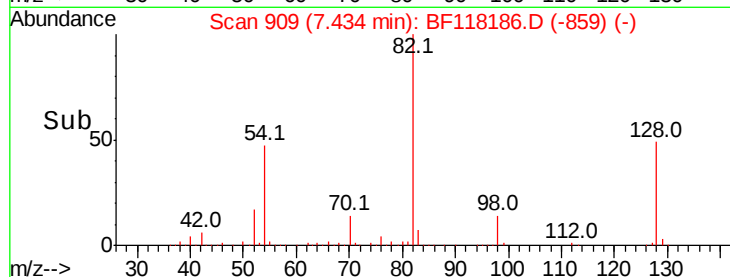
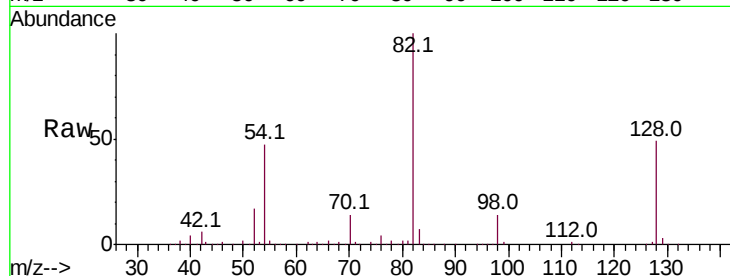
Tot Ion: 82 Resp: 716542

Ion Ratio Lower Upper

82 100

128 49.3 39.1 58.7

54 47.3 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118186.D

Acq: 13 Dec 2019 15:15

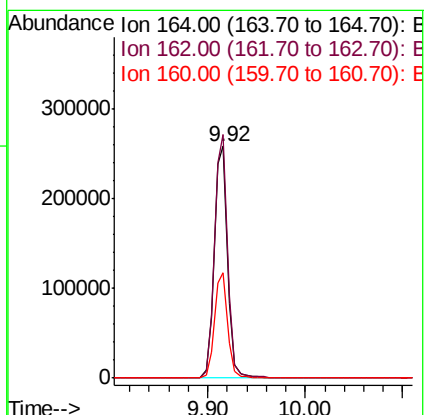
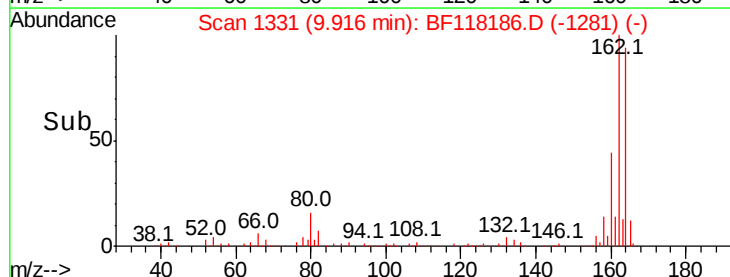
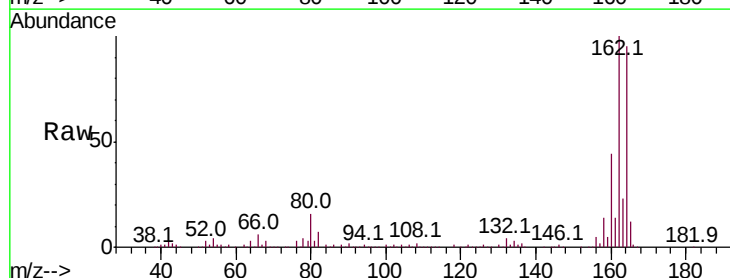
Tgt Ion:164 Resp: 243889

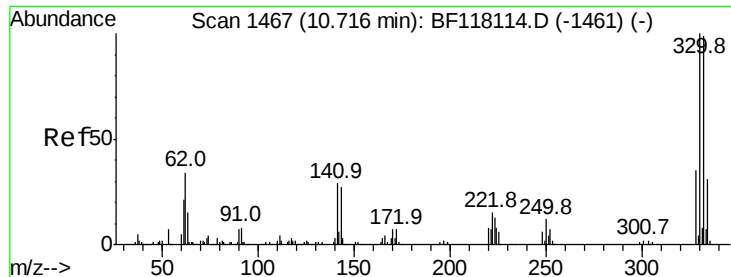
Ion Ratio Lower Upper

164 100

162 105.2 83.4 125.0

160 45.8 36.6 54.8

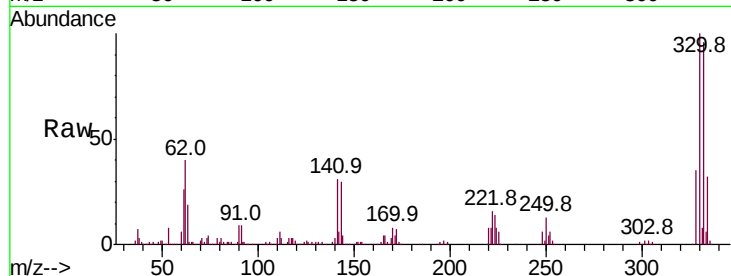




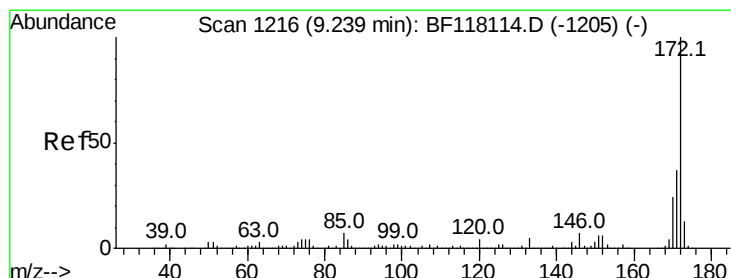
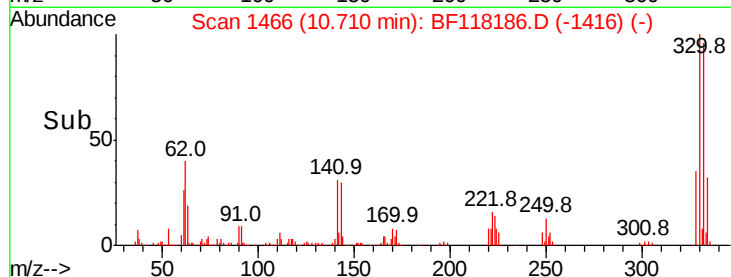
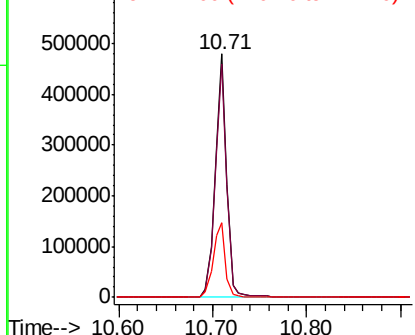
#42
 2,4,6-Tribromophenol
 Concen: 141.034 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118186.D
 Acq: 13 Dec 2019 15:15

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion:330 Resp: 417855
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.1 117.1
 141 32.8 26.9 40.3

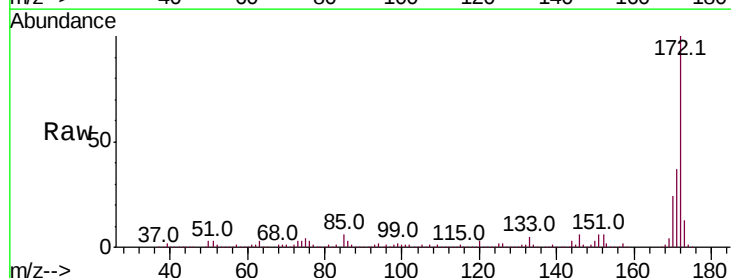


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

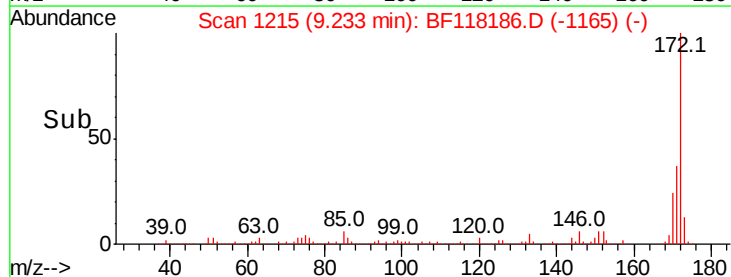
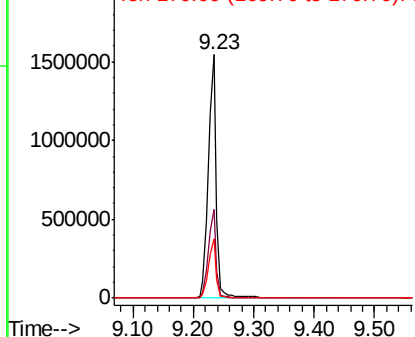


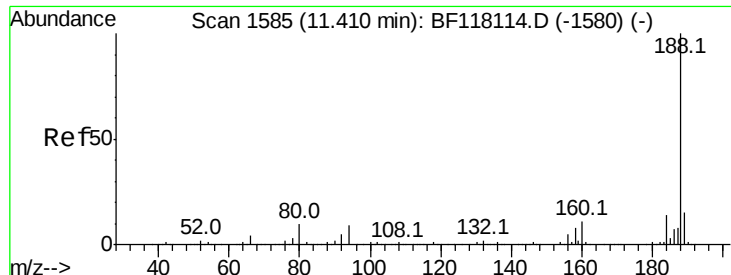
#45
 2-Fluorobiphenyl
 Concen: 89.736 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118186.D
 Acq: 13 Dec 2019 15:15

Tgt Ion:172 Resp: 1438294
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 24.5 19.4 29.2



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

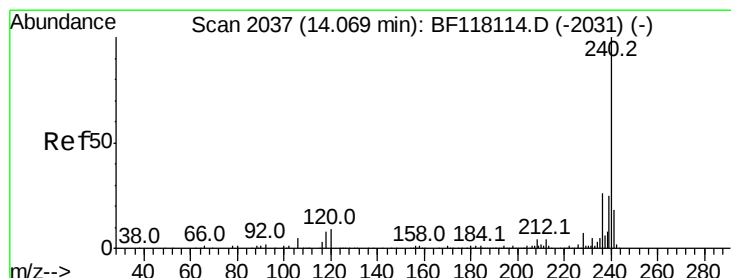
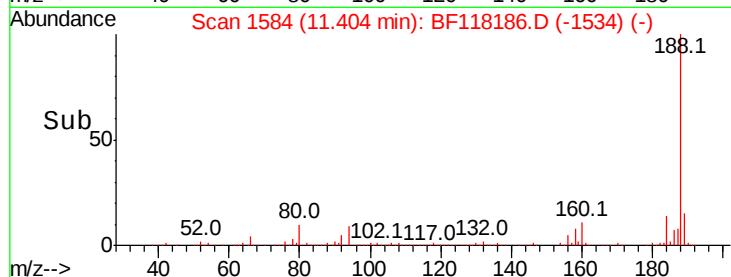
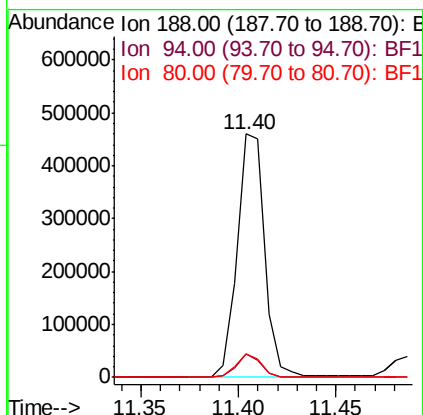
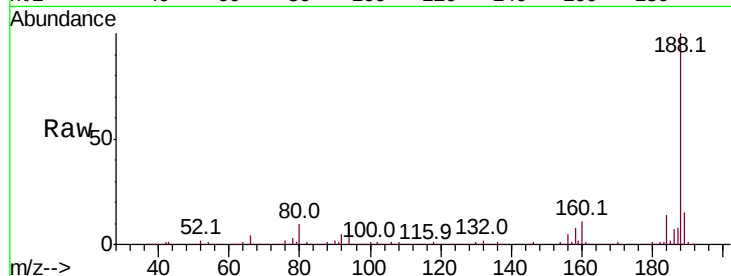




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118186.D
Acq: 13 Dec 2019 15:15

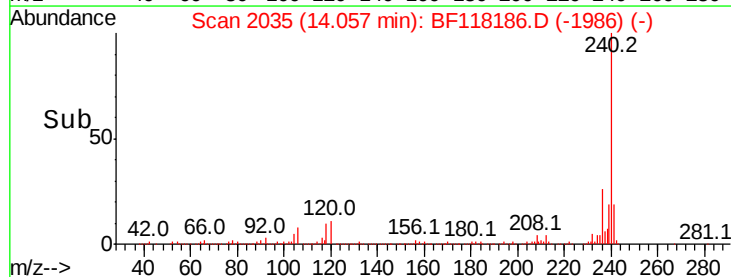
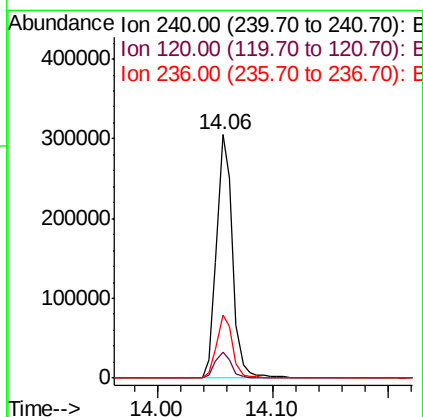
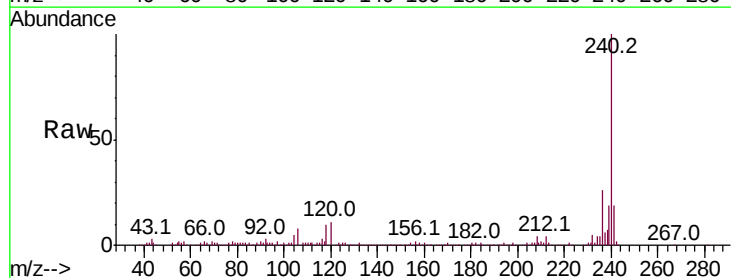
Instrument :
BNA_F
ClientSampleId :
DUP

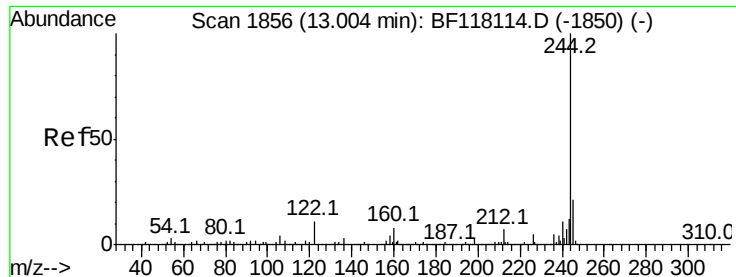
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	9.6	7.9	11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118186.D
Acq: 13 Dec 2019 15:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.1	10.7#
236	26.2	21.0	31.6





#79

Terphenyl-d14

Concen: 102.436 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118186.D

Acq: 13 Dec 2019 15:15

Instrument :

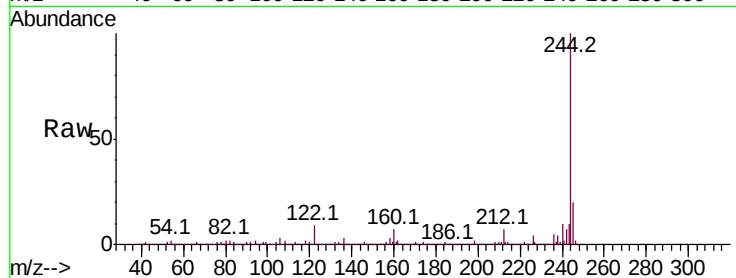
BNA_F

ClientSampleId :

DUP

Tot Ion:244 Resp: 1756899

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.2	9.0	13.6

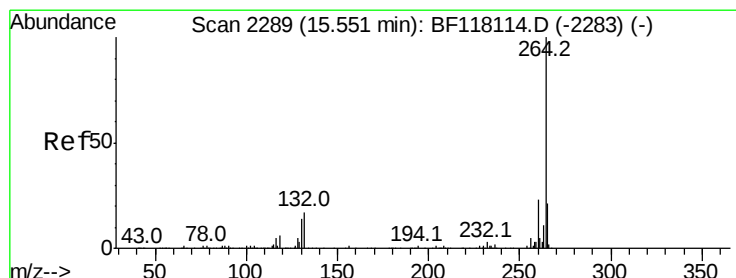
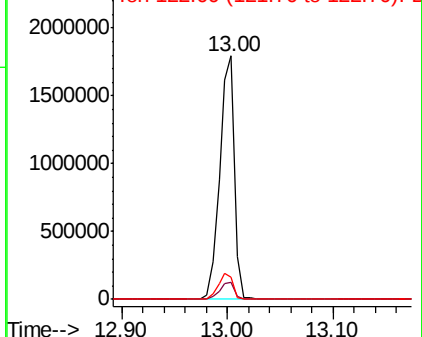
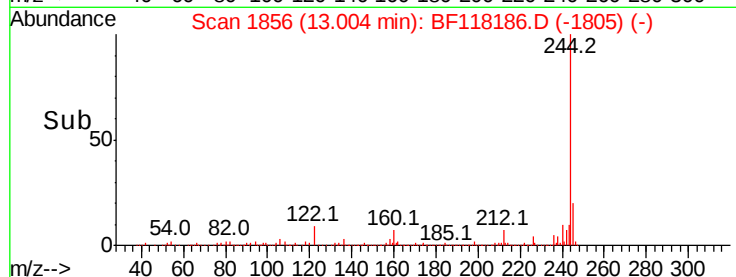


Abundance

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: 15.55 min Scan# 2289

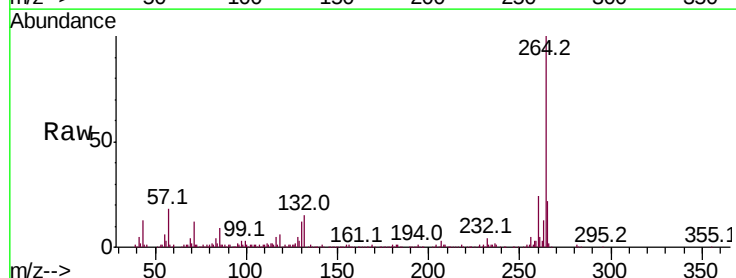
Delta R.T. -0.00 min

Lab File: BF118186.D

Acq: 13 Dec 2019 15:15

Tgt Ion:264 Resp: 269610

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	22.0	16.8	25.2



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

