

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118265.D
 Acq On : 18 Dec 2019 18:10
 Operator : JU
 Sample : K6330-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11977

Quant Time: Dec 19 03:45:23 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	6.86	152	99022	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	381901	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	204232	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	402449	20.00	ng	0.00
76) Chrysene-d12	14.06	240	292550	20.00	ng	-0.01
87) Perylene-d12	15.55	264	267599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	723476	127.97	ng	0.00
7) Phenol-d6	6.49	99	804937	117.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	601710	88.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	358468	144.48	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1238716	92.29	ng	-0.01
79) Terphenyl-d14	13.00	244	1594620	93.73	ng	0.00

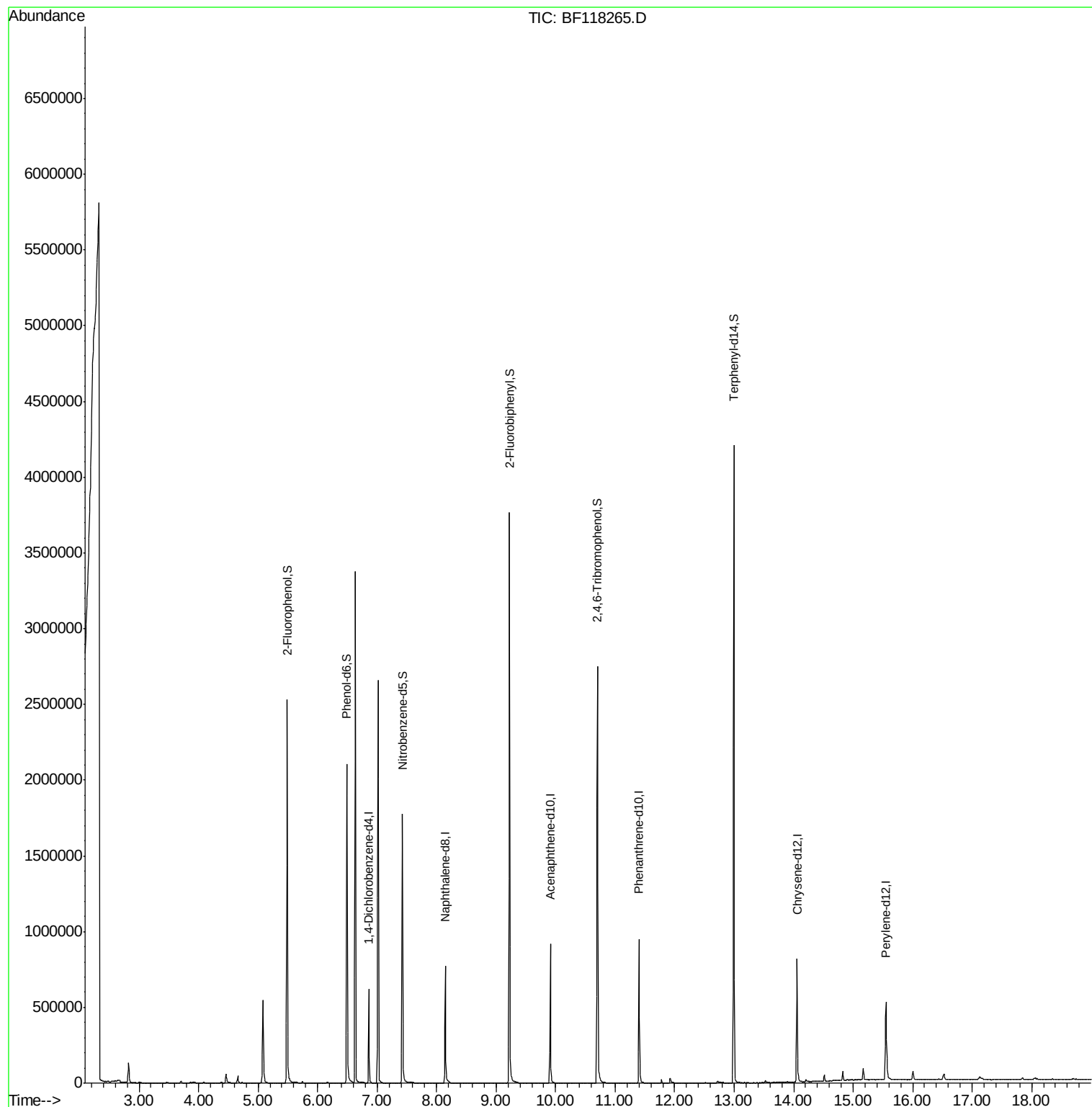
Target Compounds Qvalue

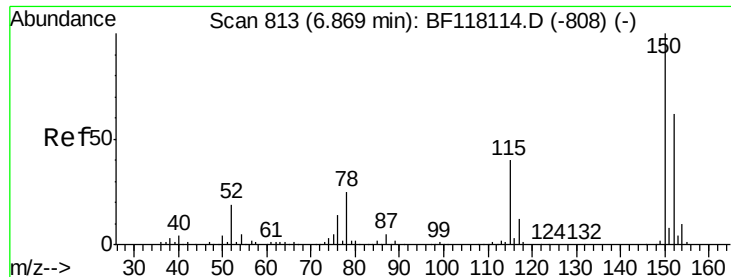
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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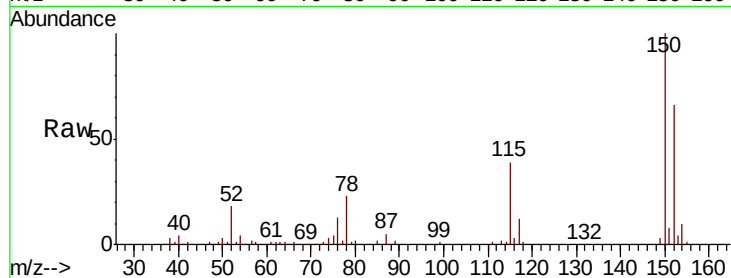


#1

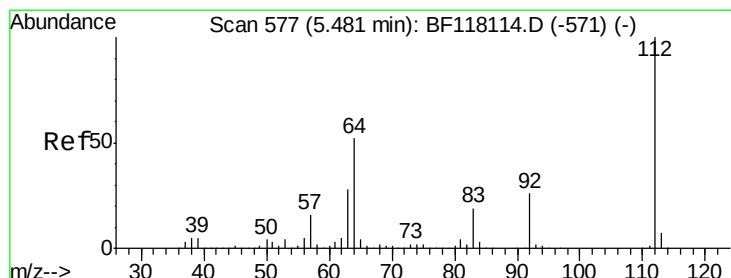
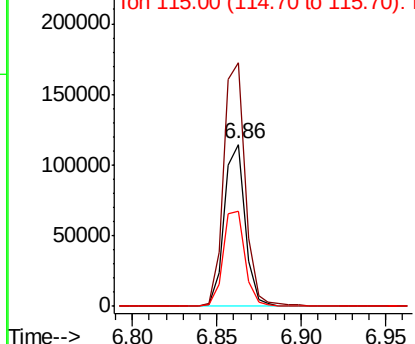
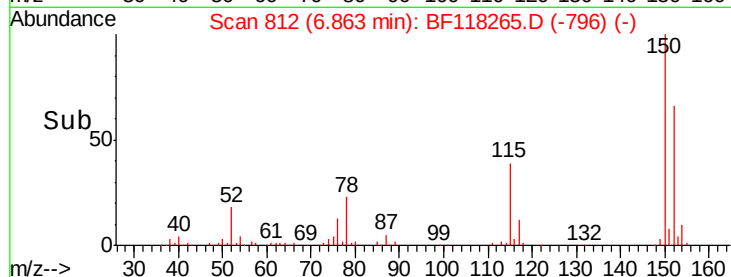
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118265.D
Acq: 18 Dec 2019 18:10

Instrument :
BNA_F
ClientSampleId :
11977

Tot Ion:152 Resp: 99022
Ion Ratio Lower Upper
152 100
150 150.6 128.3 192.5
115 58.7 51.1 76.7



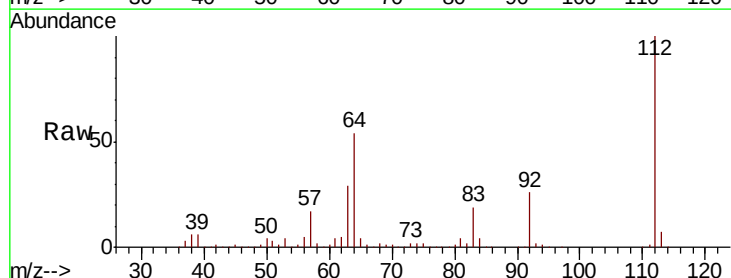
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



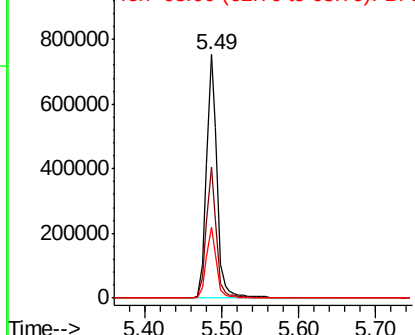
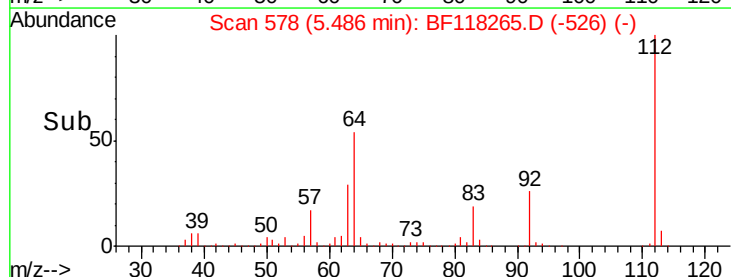
#5

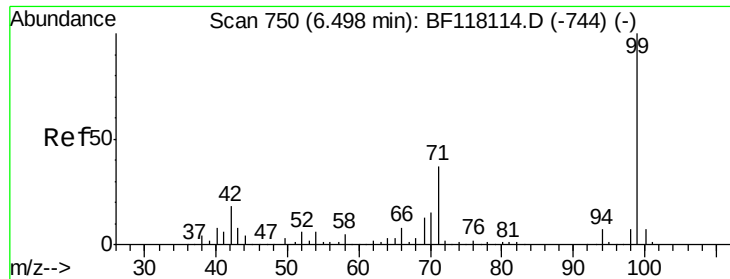
2-Fluorophenol
Concen: 127.966 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118265.D
Acq: 18 Dec 2019 18:10

Tgt Ion:112 Resp: 723476
Ion Ratio Lower Upper
112 100
64 53.8 41.3 61.9
63 29.1 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: 117.710 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118265.D

Acq: 18 Dec 2019 18:10

Instrument :

BNA_F

ClientSampled :

11977

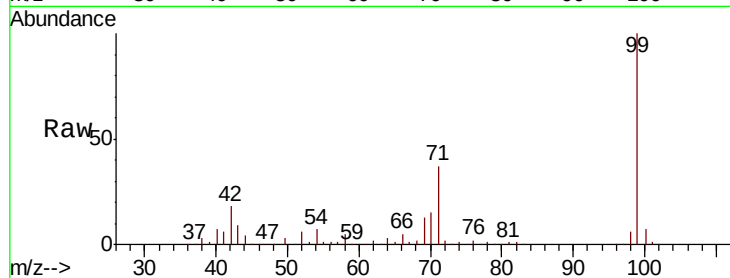
Tot Ion: 99 Resp: 804937

Ion Ratio Lower Upper

99 100

42 17.9 14.1 21.1

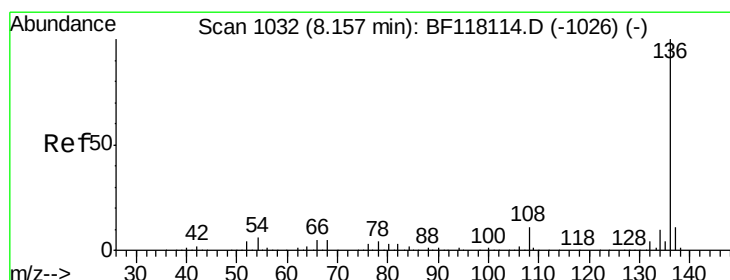
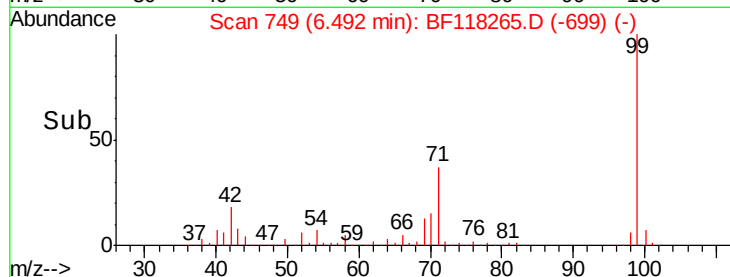
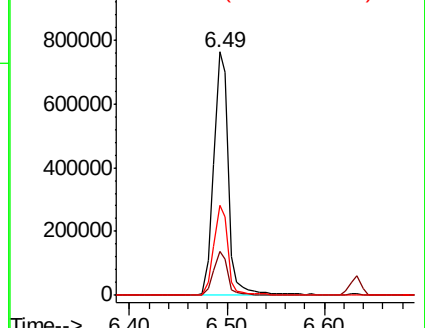
71 37.0 29.7 44.5



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# 1030

Delta R.T. -0.01 min

Lab File: BF118265.D

Acq: 18 Dec 2019 18:10

Tgt Ion: 136 Resp: 381901

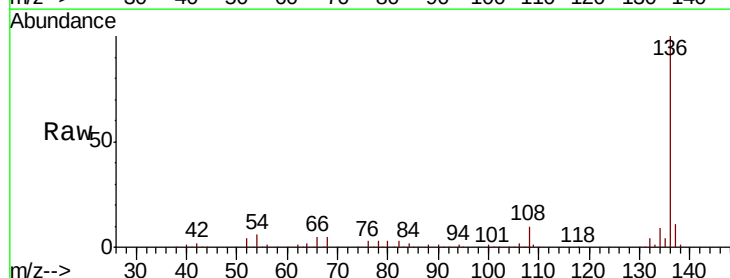
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.3 5.0 7.6

68 4.7 3.8 5.8

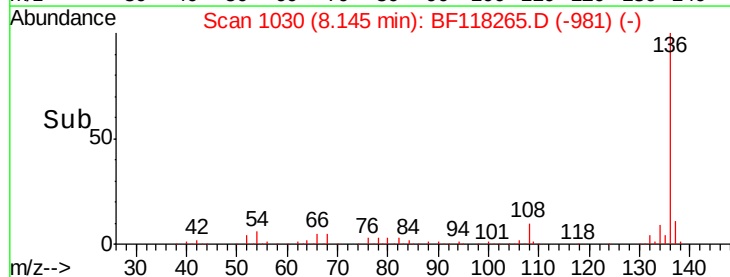
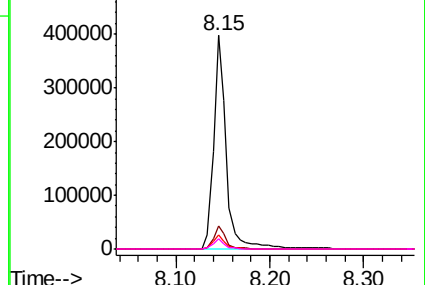


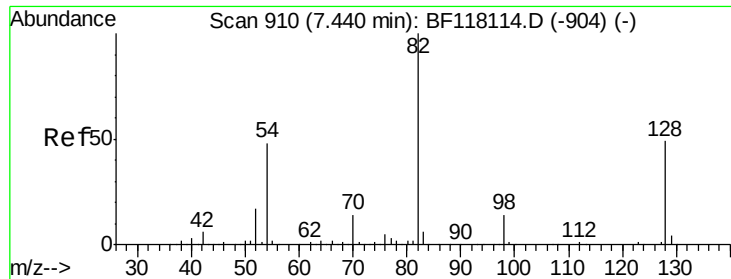
Abundance Ion 136.00 (135.70 to 136.70): E

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

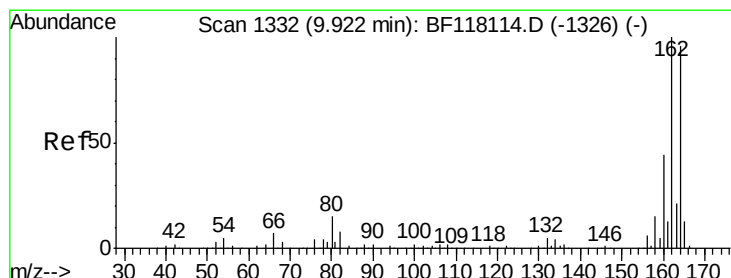
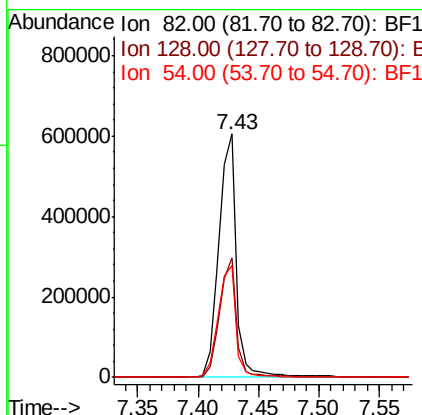
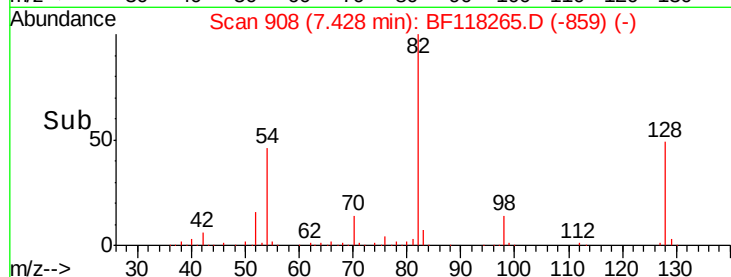
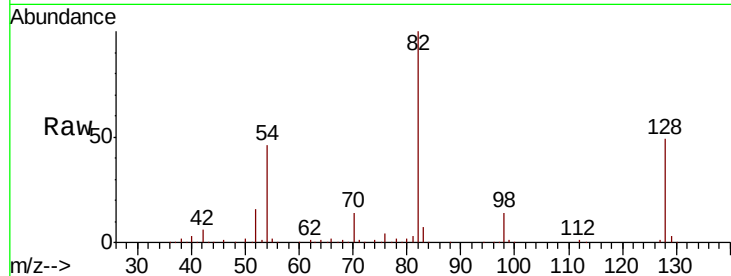




#23
 Nitrobenzene-d5
 Concen: 88.638 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118265.D
 Acq: 18 Dec 2019 18:10

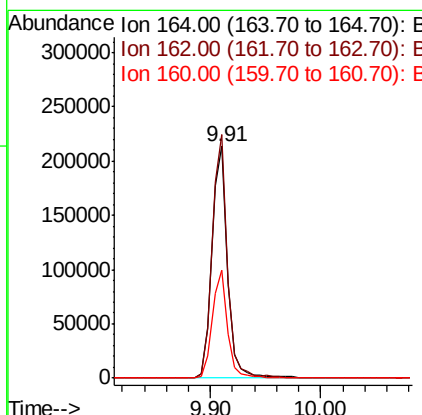
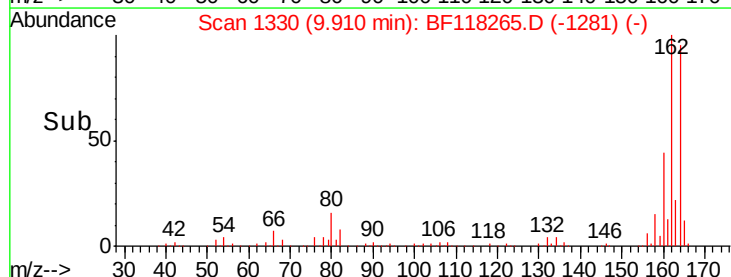
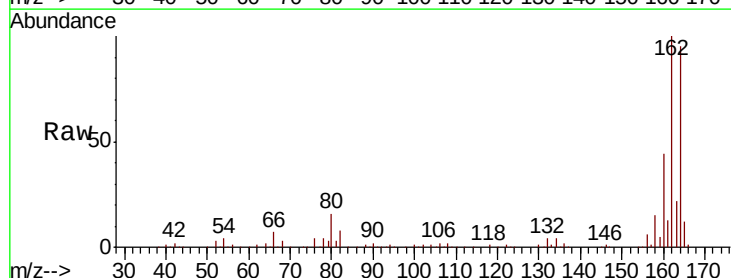
Instrument :
 BNA_F
 ClientSampled :
 11977

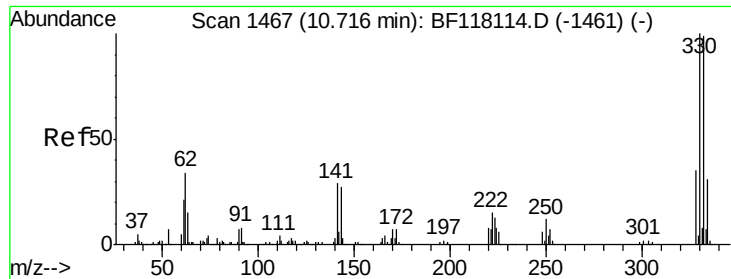
Tot Ion	82	Resp	601710
Ion Ratio	Lower	Upper	
82	100		
128	49.1	39.1	58.7
54	46.2	38.2	57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118265.D
 Acq: 18 Dec 2019 18:10

Tgt Ion	164	Resp	204232
Ion Ratio	Lower	Upper	
164	100		
162	105.0	83.4	125.0
160	46.3	36.6	54.8

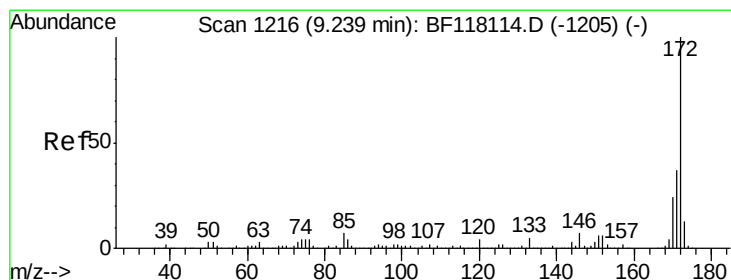
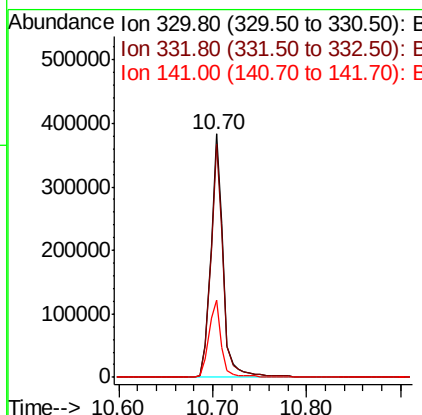
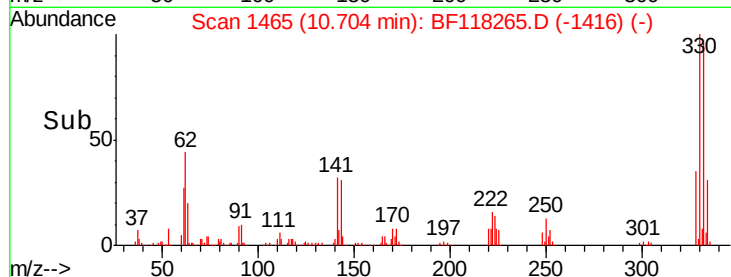
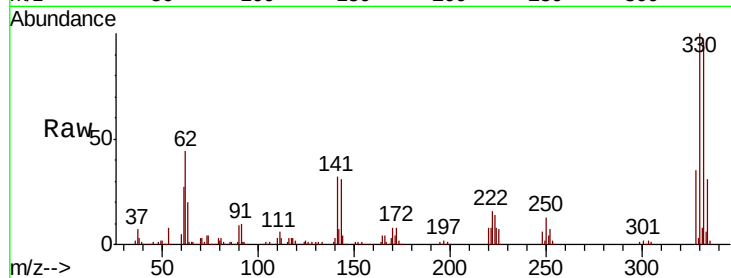




#42
 2,4,6-Tribromophenol
 Concen: 144.483 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118265.D
 Acq: 18 Dec 2019 18:10

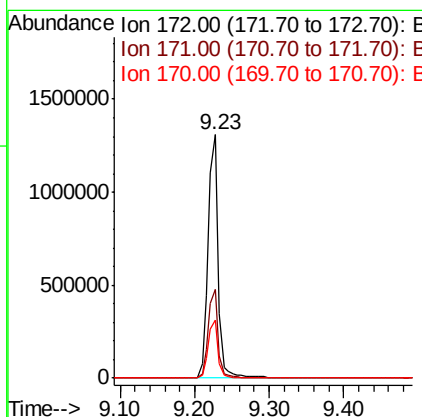
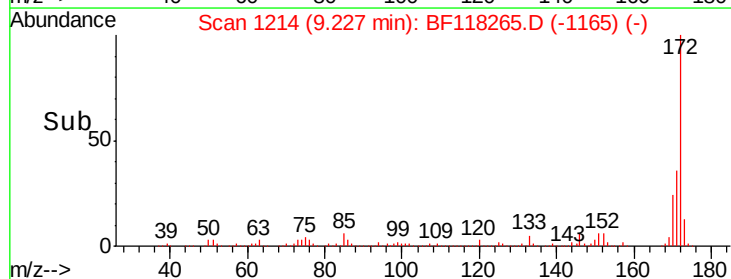
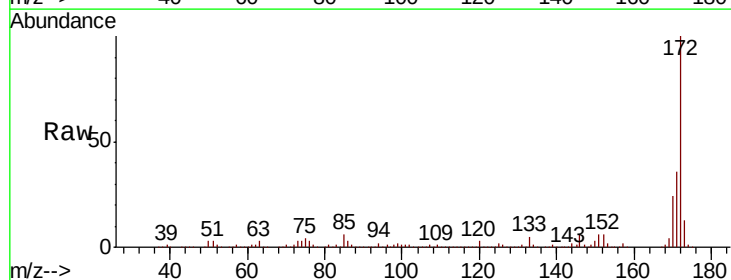
Instrument :
 BNA_F
 ClientSampleId :
 11977

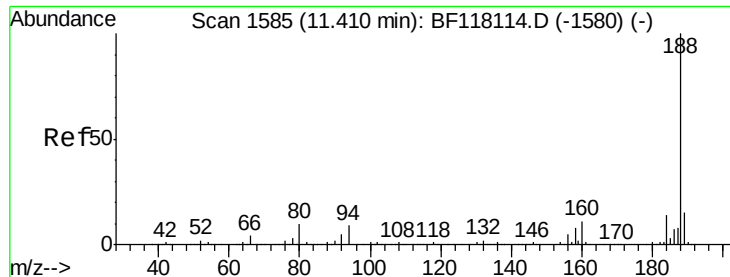
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	32.3	26.9	40.3



#45
 2-Fluorobiphenyl
 Concen: 92.291 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118265.D
 Acq: 18 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.7	19.4	29.2

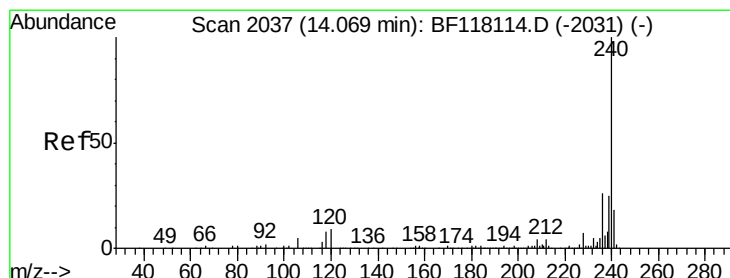
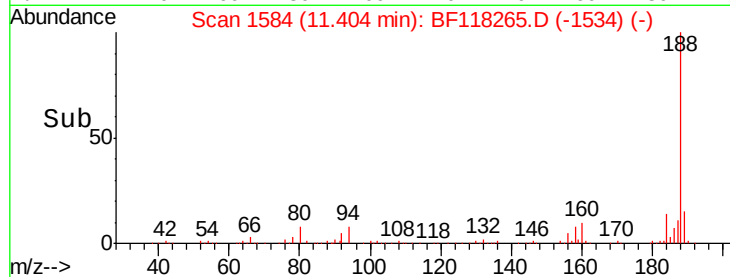
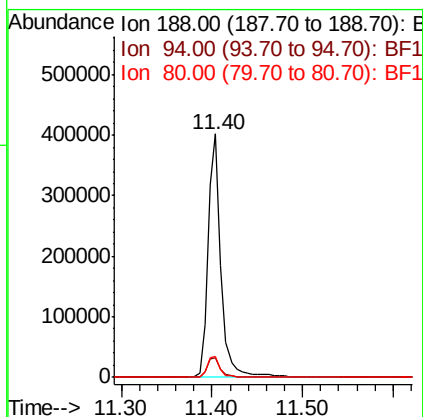
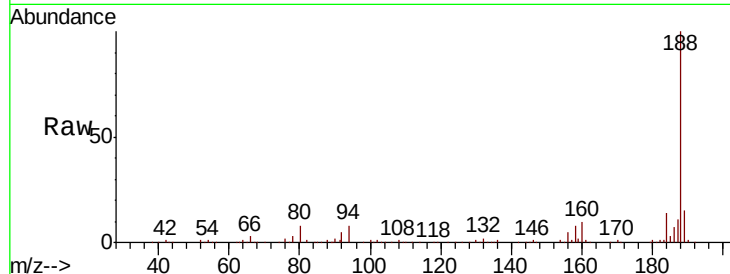




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118265.D
Acq: 18 Dec 2019 18:10

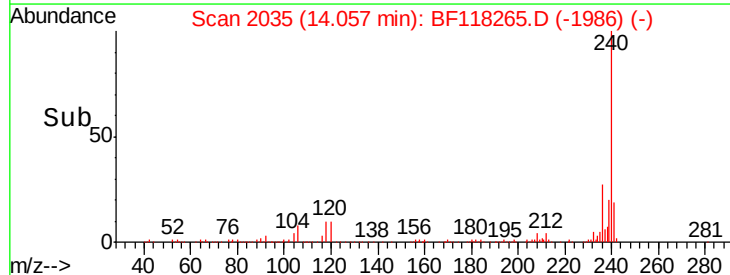
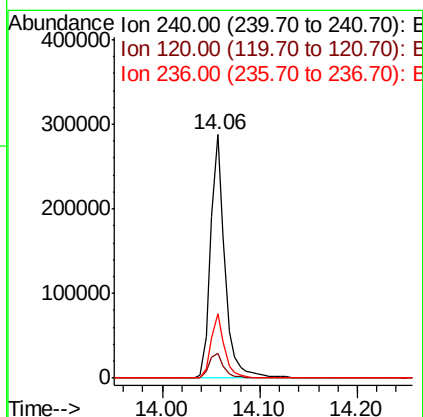
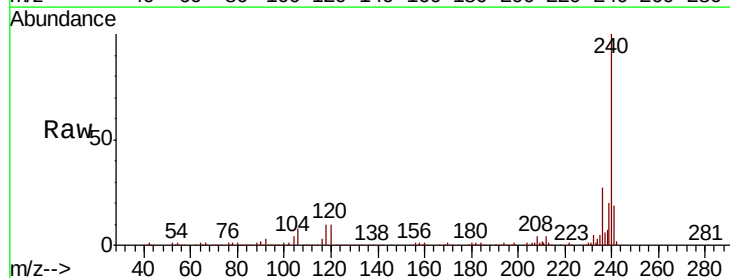
Instrument :
BNA_F
ClientSampled :
11977

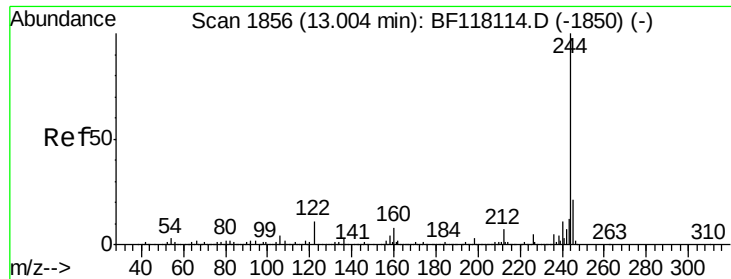
Tot Ion:188 Resp: 402449
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118265.D
Acq: 18 Dec 2019 18:10

Tgt Ion:240 Resp: 292550
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 26.5 21.0 31.6





#79

Terphenyl-d14

Concen: 93.733 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118265.D

Acq: 18 Dec 2019 18:10

Instrument :

BNA_F

ClientSampleId :

11977

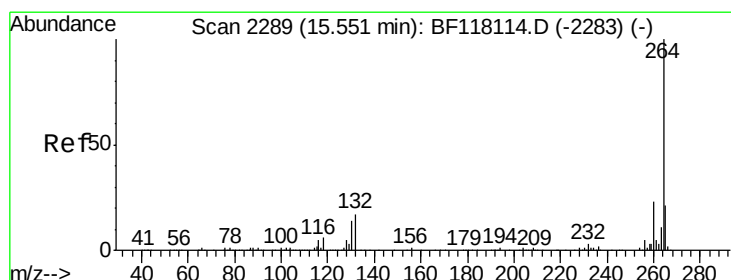
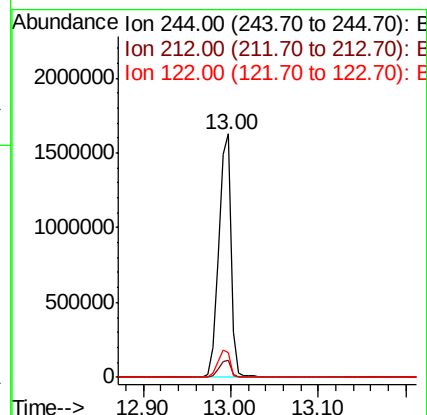
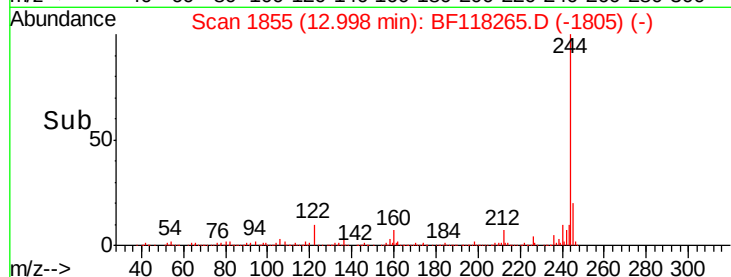
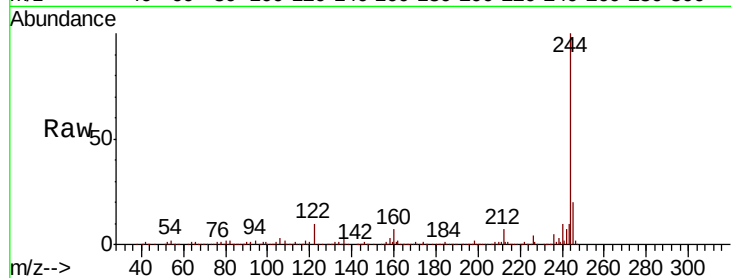
Tot Ion:244 Resp: 1594620

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 9.9 9.0 13.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF118265.D

Acq: 18 Dec 2019 18:10

Tgt Ion:264 Resp: 267599

Ion Ratio Lower Upper

264 100

260 22.4 18.6 28.0

265 20.5 16.8 25.2

