

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118262.D
 Acq On : 18 Dec 2019 16:45
 Operator : JU
 Sample : K6330-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12013

Quant Time: Dec 19 03:37:58 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	101935	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	398135	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	210595	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	390217	20.00	ng	0.00
76) Chrysene-d12	14.06	240	249238	20.00	ng	-0.01
87) Perylene-d12	15.55	264	236738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	756757	130.03	ng	0.00
7) Phenol-d6	6.50	99	857307	121.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	632672	89.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	359548	140.54	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1290206	93.22	ng	-0.01
79) Terphenyl-d14	13.00	244	1465489	101.11	ng	0.00

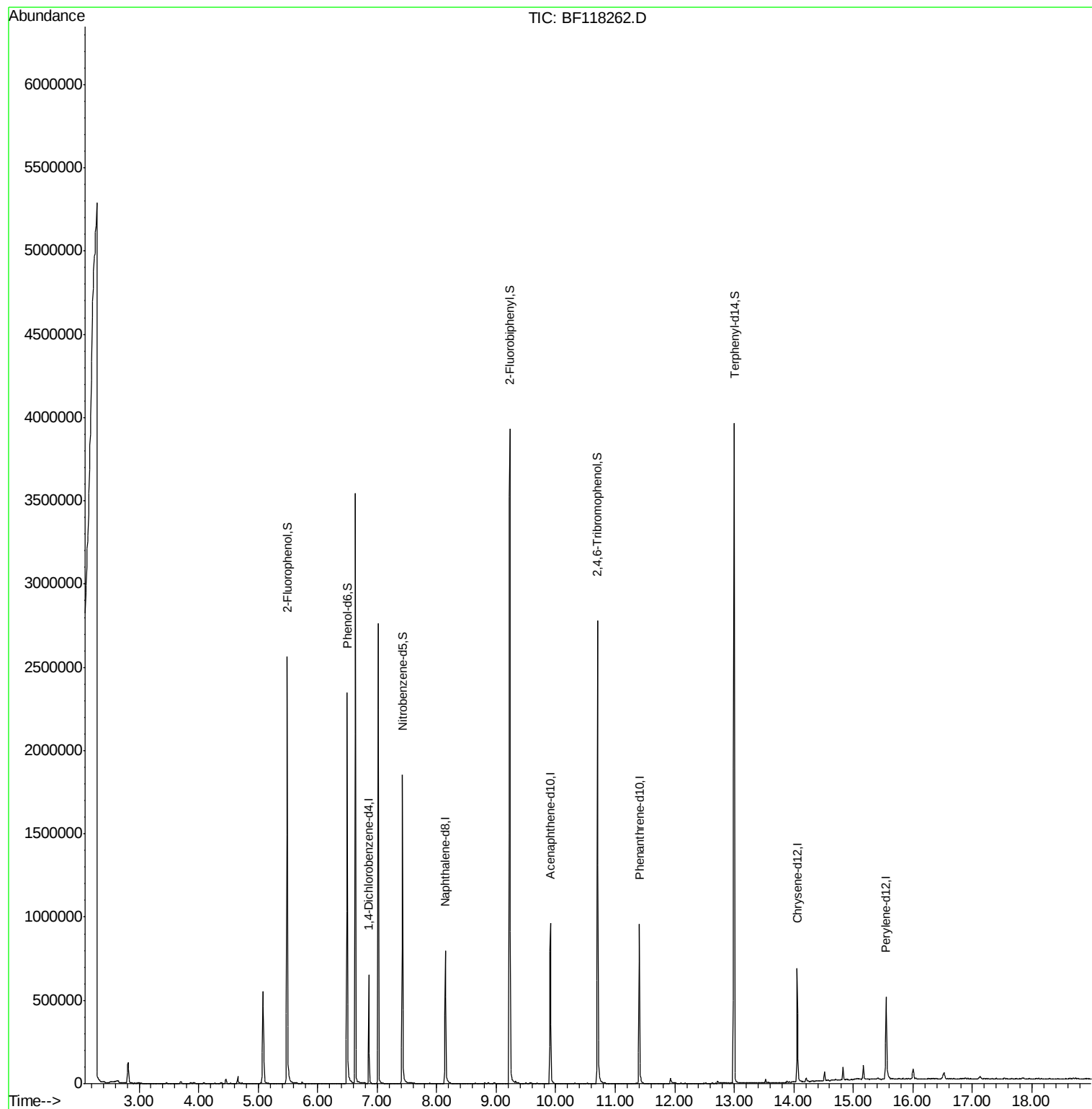
Target Compounds Qvalue

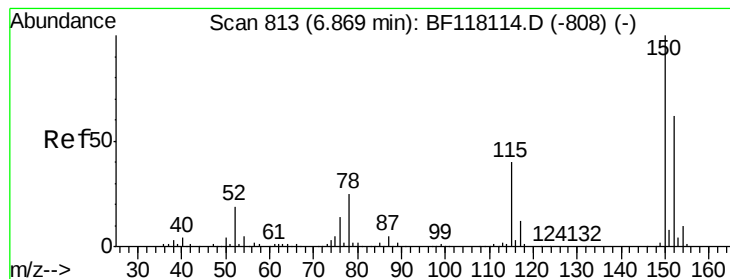
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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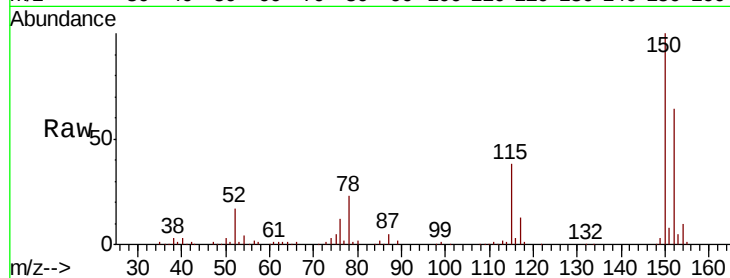


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118262.D
Acq: 18 Dec 2019 16:45

Instrument :
BNA_F
ClientSampleId :
12013

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	128.3	192.5
115	58.5	51.1	76.7

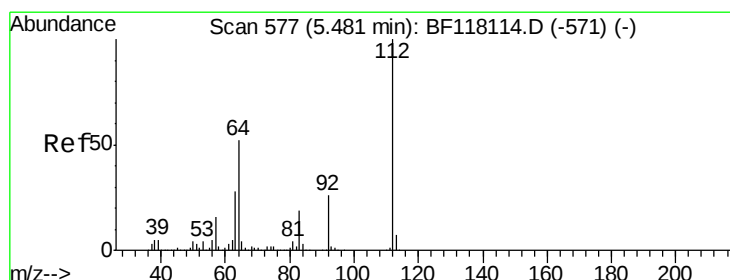
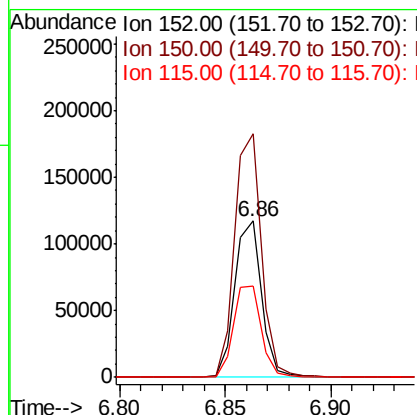
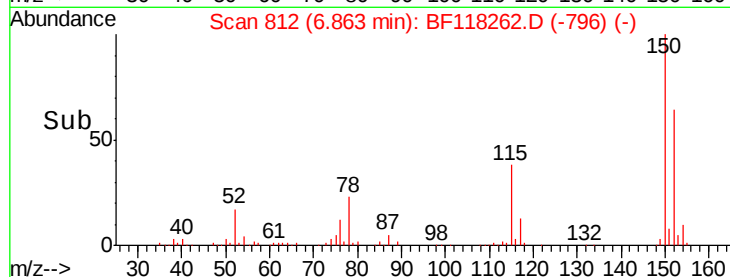


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

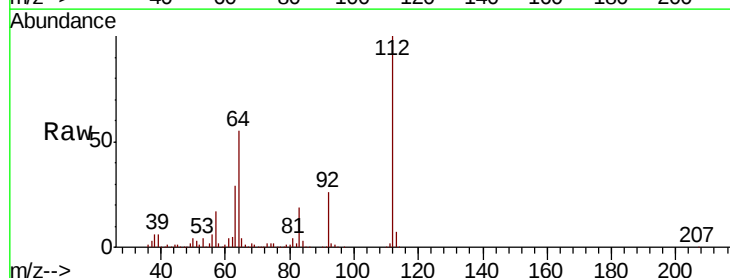
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.027 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118262.D
Acq: 18 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	41.3	61.9
63	29.4	22.4	33.6

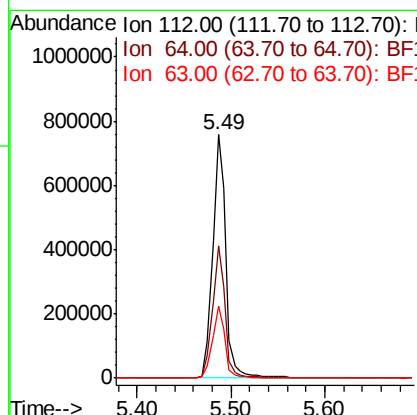
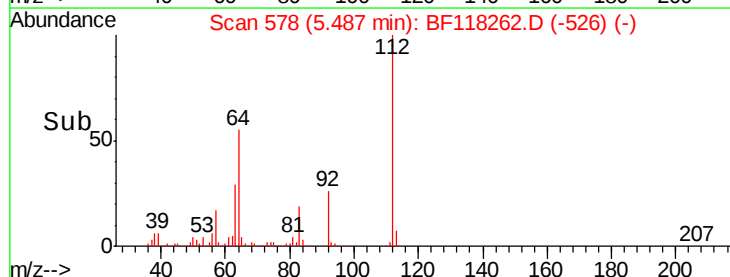


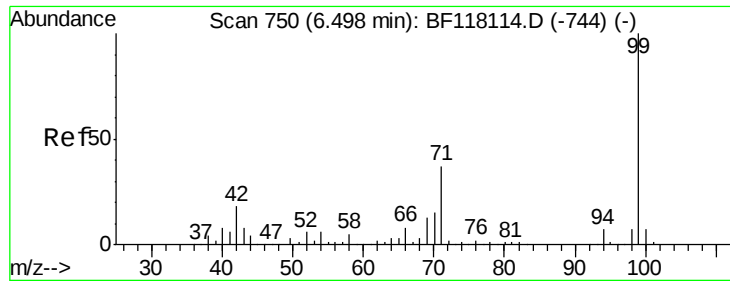
Abundance

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: 121.786 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118262.D

Acq: 18 Dec 2019 16:45

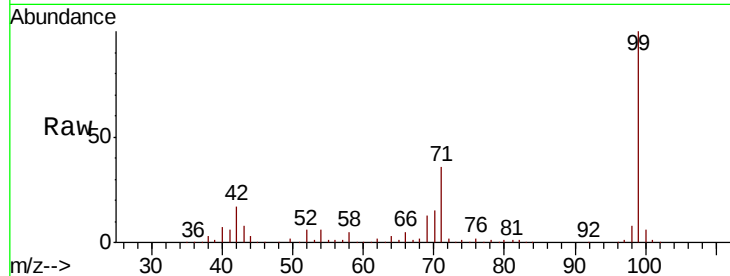
Instrument :

BNA_F

ClientSampleId :
12013

Tot Ion: 99 Resp: 857307

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	35.6	29.7	44.5

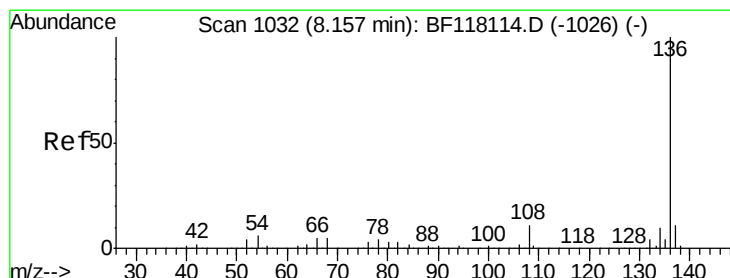
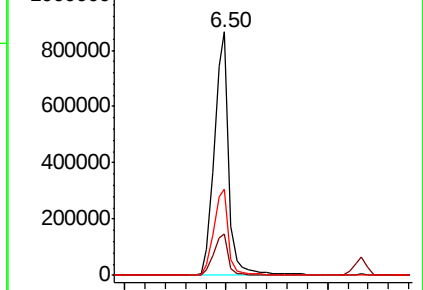
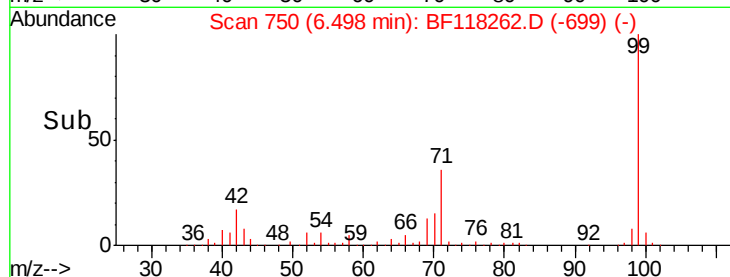


Abundance

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

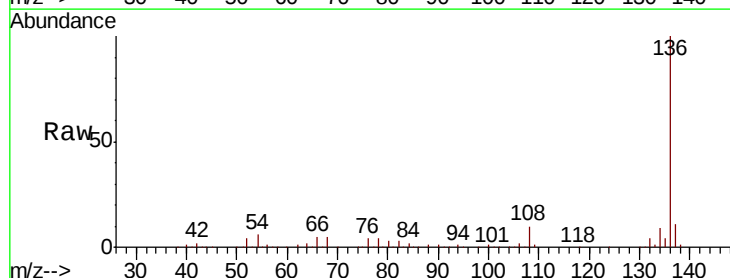
Delta R.T. -0.01 min

Lab File: BF118262.D

Acq: 18 Dec 2019 16:45

Tgt Ion: 136 Resp: 398135

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	6.3	5.0	7.6
68	4.5	3.8	5.8



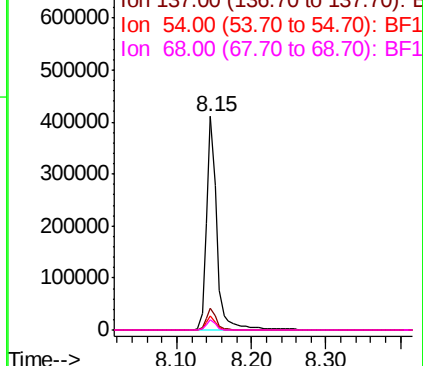
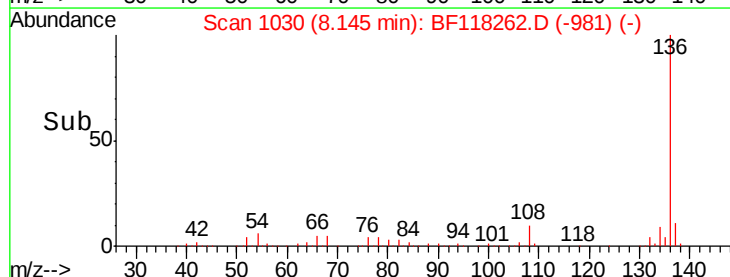
Abundance

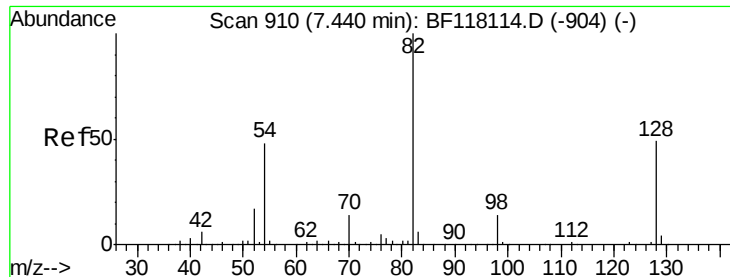
Ion 136.00 (135.70 to 136.70): E

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

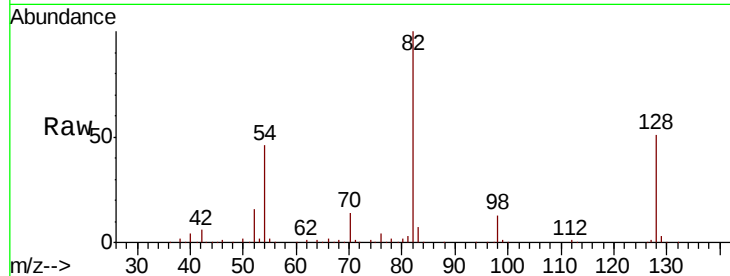




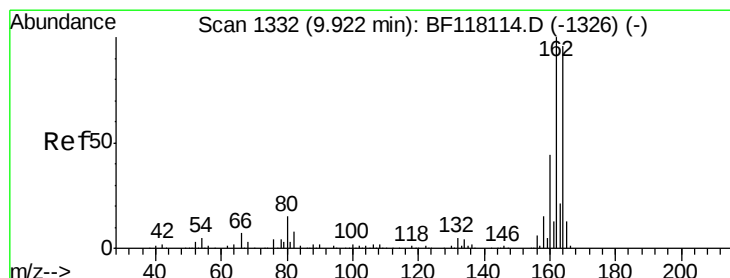
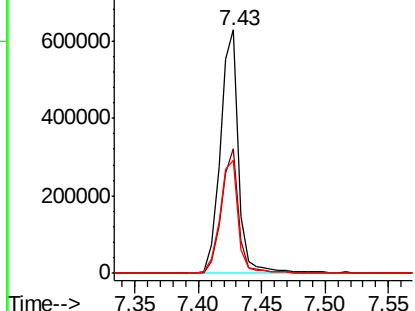
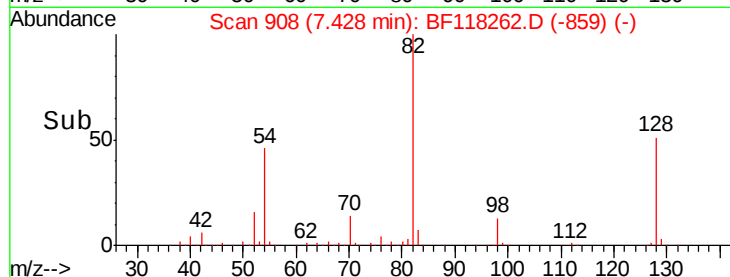
#23
 Nitrobenzene-d5
 Concen: 89.399 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118262.D
 Acq: 18 Dec 2019 16:45

Instrument :
 BNA_F
 ClientSampled :
 12013

Tot Ion: 82 Resp: 632672
 Ion Ratio Lower Upper
 82 100
 128 50.9 39.1 58.7
 54 46.3 38.2 57.2

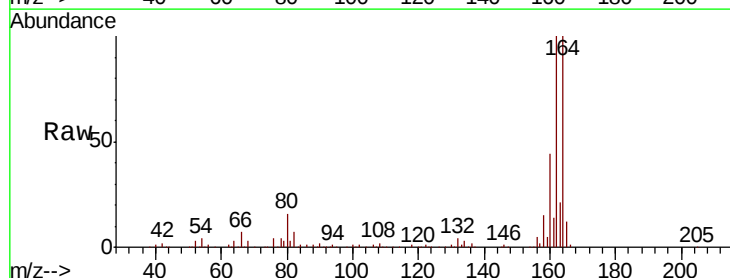


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

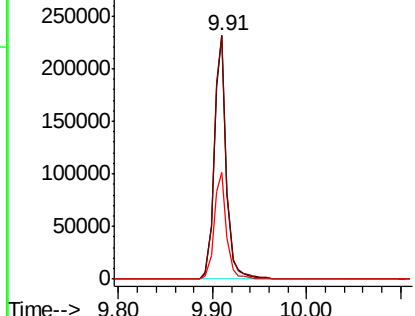
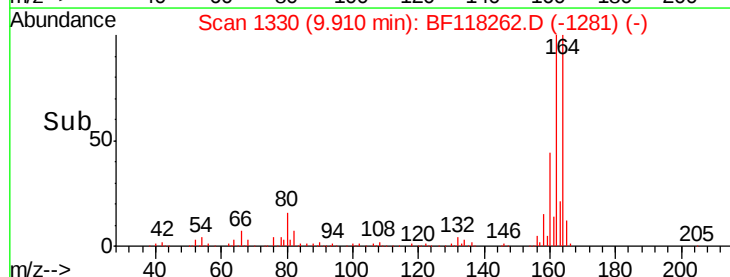


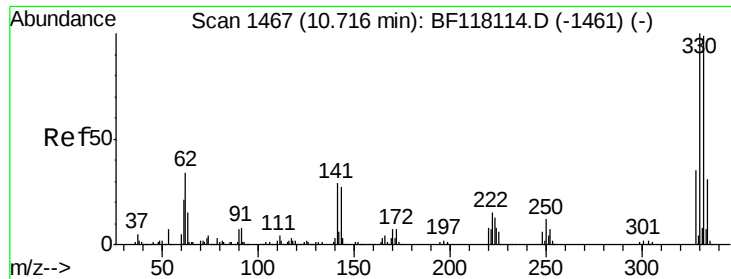
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118262.D
 Acq: 18 Dec 2019 16:45

Tgt Ion: 164 Resp: 210595
 Ion Ratio Lower Upper
 164 100
 162 100.1 83.4 125.0
 160 44.0 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 140.539 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118262.D

Acq: 18 Dec 2019 16:45

Instrument :

BNA_F

ClientSampled :

12013

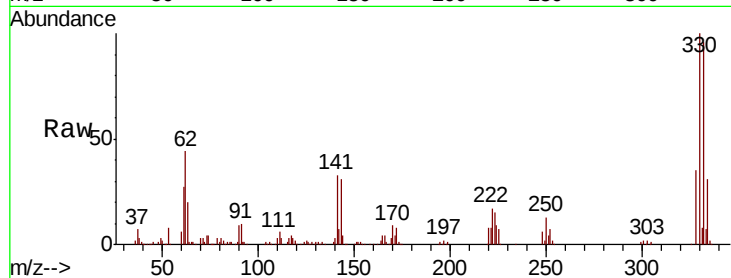
Tot Ion:330 Resp: 359548

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

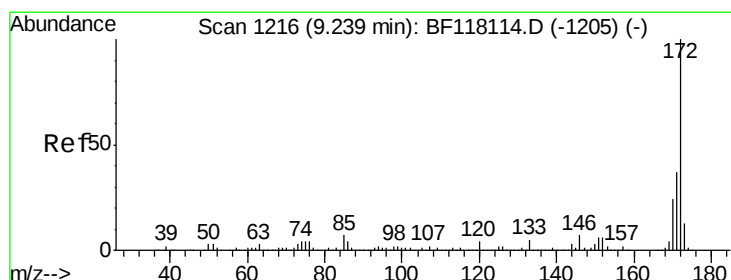
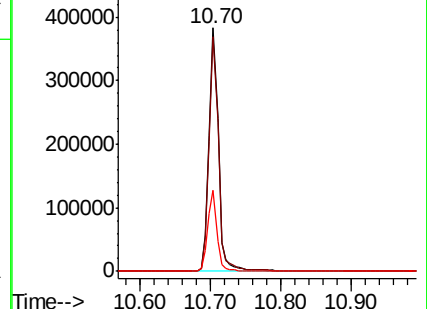
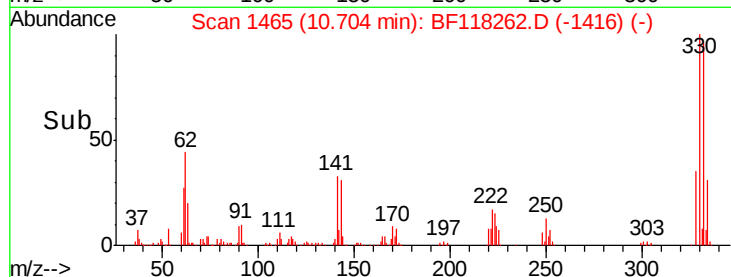
141 32.5 26.9 40.3



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: 93.223 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118262.D

Acq: 18 Dec 2019 16:45

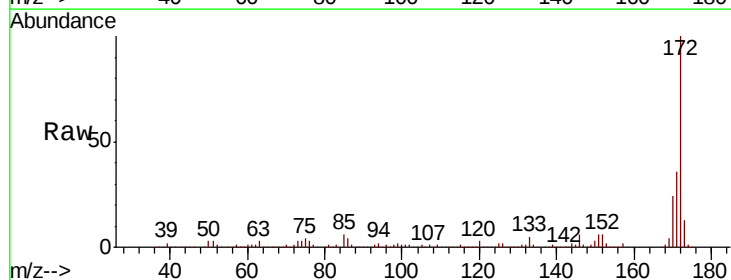
Tgt Ion:172 Resp: 1290206

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

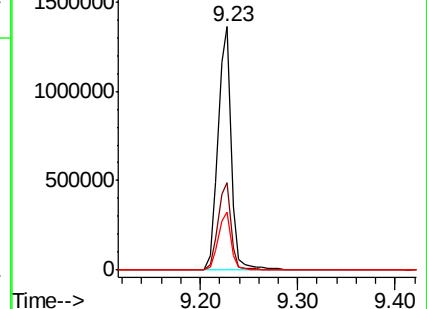
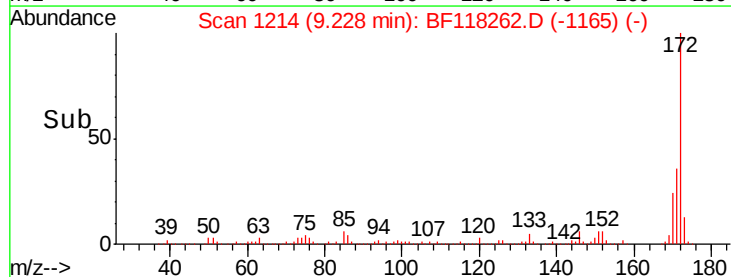
170 23.6 19.4 29.2

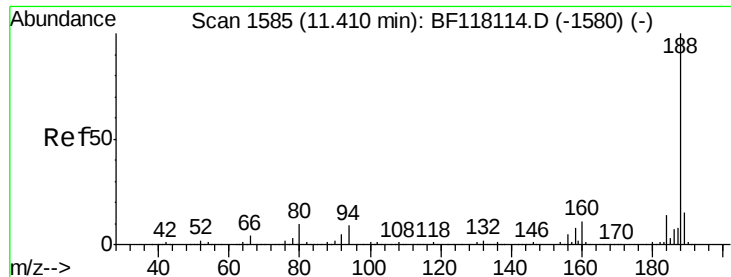


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

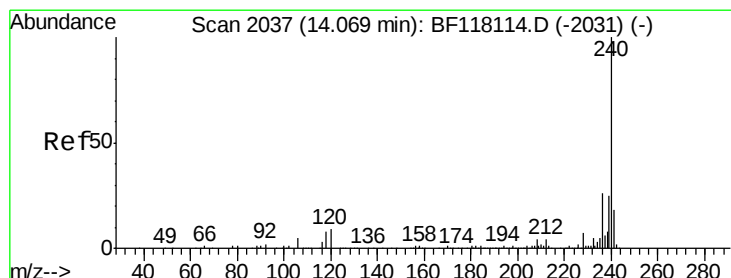
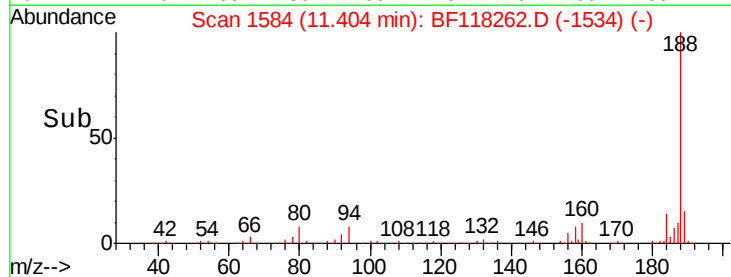
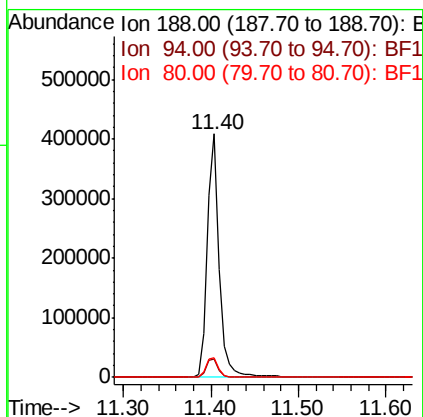
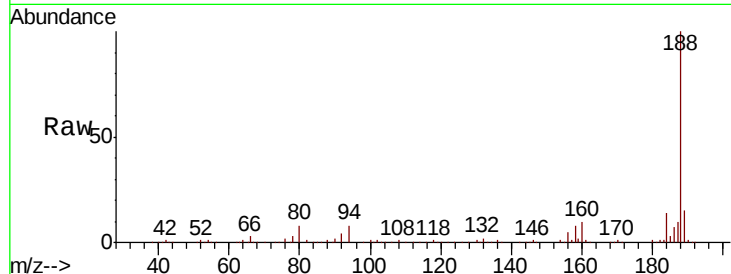




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118262.D
Acq: 18 Dec 2019 16:45

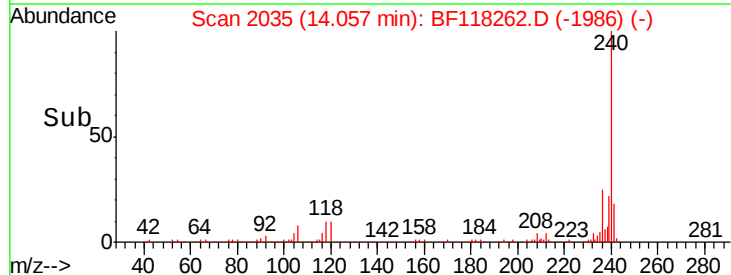
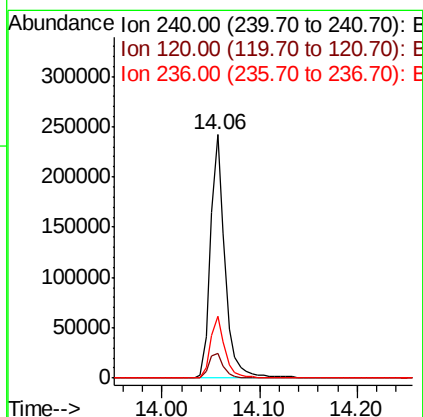
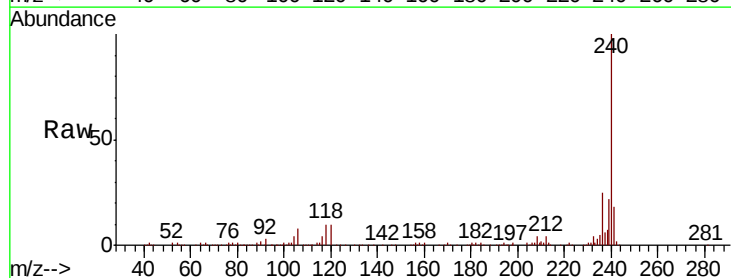
Instrument :
BNA_F
ClientSampled :
12013

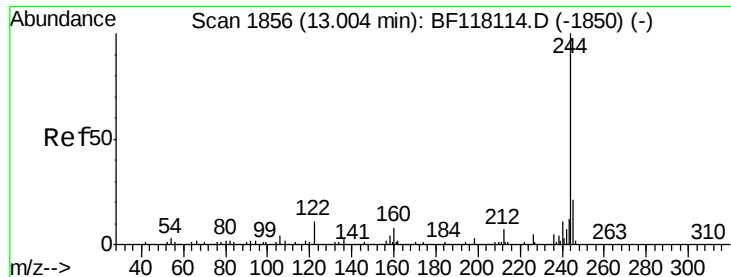
Tot Ion:188 Resp: 390217
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118262.D
Acq: 18 Dec 2019 16:45

Tgt Ion:240 Resp: 249238
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.3 21.0 31.6





#79

Terphenyl-d14

Concen: 101.112 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118262.D

Acq: 18 Dec 2019 16:45

Instrument :

BNA_F

ClientSampleId :
12013

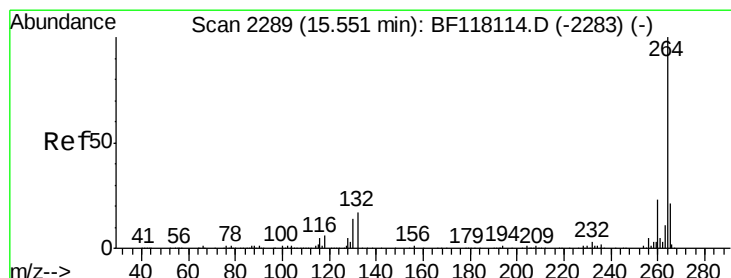
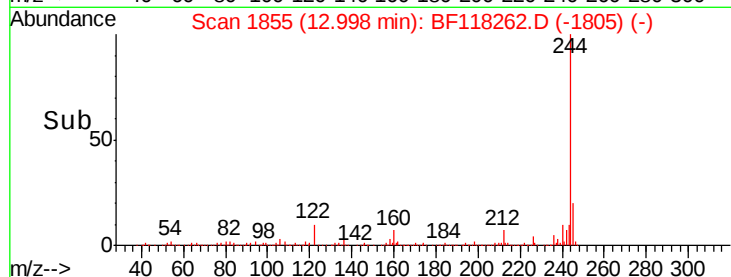
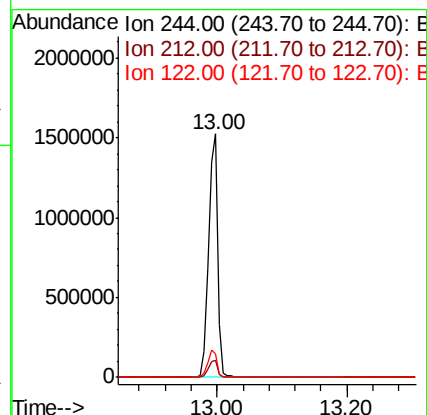
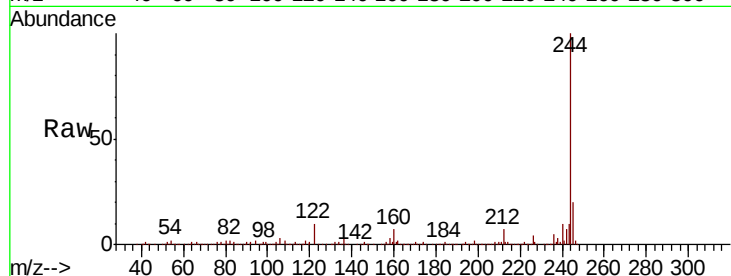
Tot Ion:244 Resp: 1465489

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 9.8 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: BF118262.D

Acq: 18 Dec 2019 16:45

Tgt Ion:264 Resp: 236738

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.4 16.8 25.2

