

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112108.D
 Acq On : 18 Jan 2019 00:40
 Operator : JU/SJ
 Sample : K1166-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-10

Quant Time: Jan 18 01:15:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

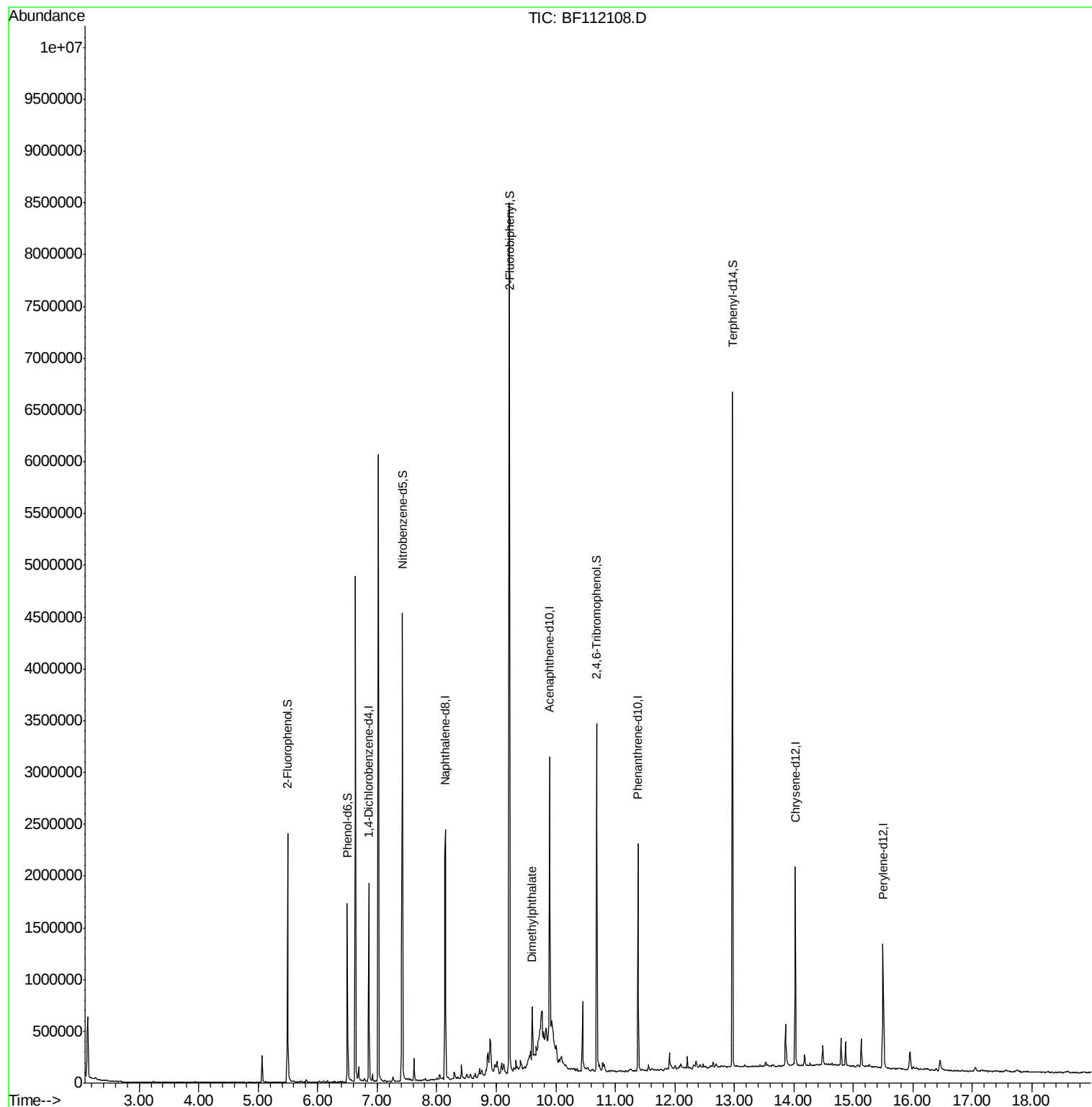
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	314227	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1116602	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	489351	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	784904	20.00	ng	0.00
76) Chrysene-d12	14.03	240	683937	20.00	ng	0.00
87) Perylene-d12	15.50	264	528894	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	673838	38.92	ng	0.00
7) Phenol-d6	6.50	99	529771	24.46	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1552134	96.04	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	427271	80.94	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2776230	83.18	ng	0.00
79) Terphenyl-d14	12.97	244	2143388	66.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	193842	5.432	ng	Qvalue 98

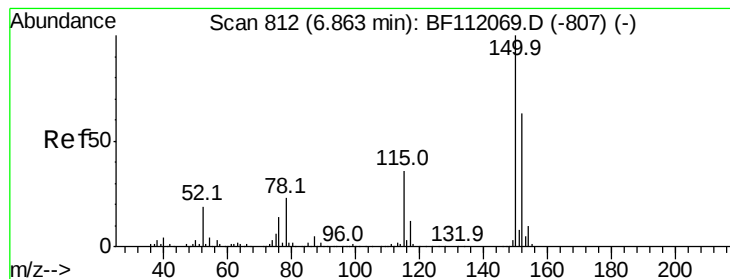
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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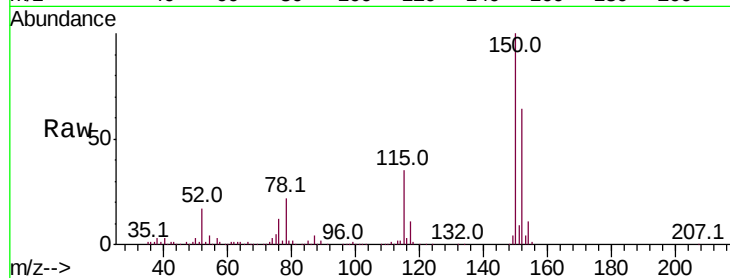


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

Instrument :
BNA_F
ClientSampleId :
D-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	55.3	45.5	68.3

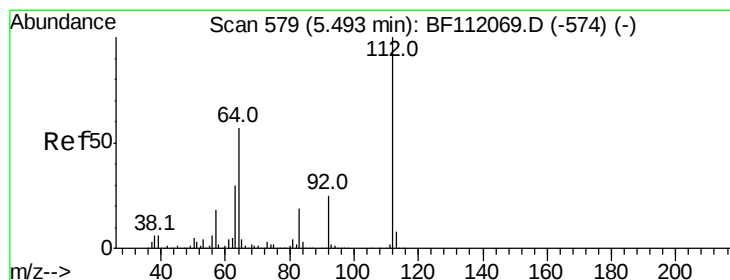
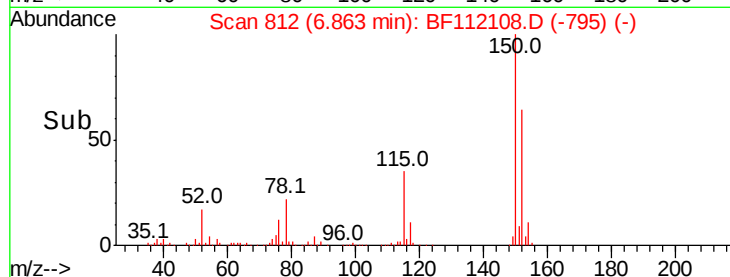
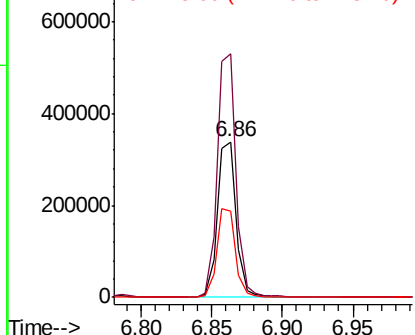


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

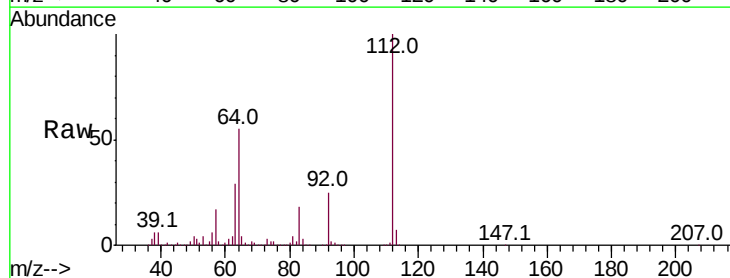
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.922 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.7	68.5
63	28.5	23.6	35.4

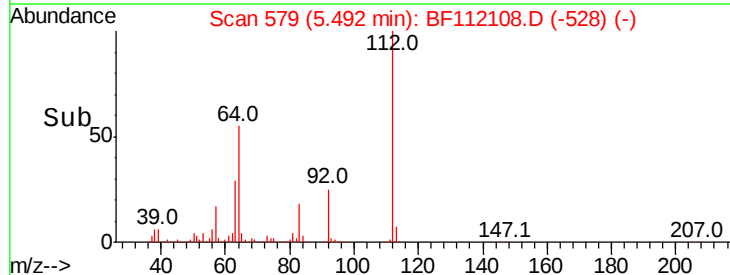
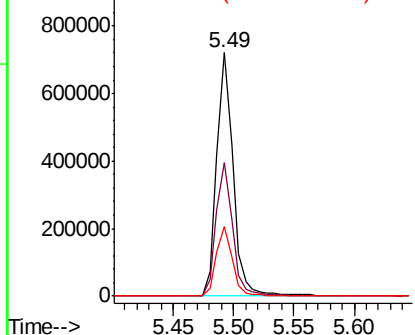


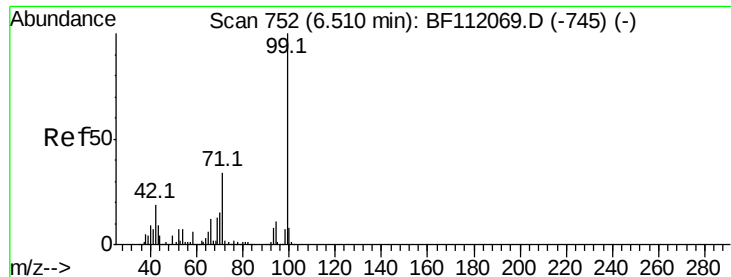
Abundance

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: 24.458 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112108.D

Acq: 18 Jan 2019 00:40

Instrument :

BNA_F

ClientSampleId :

D-10

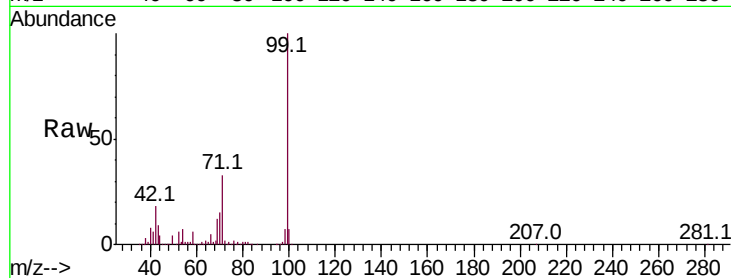
Tot Ion: 99 Resp: 529771

Ion Ratio Lower Upper

99 100

42 17.8 15.1 22.7

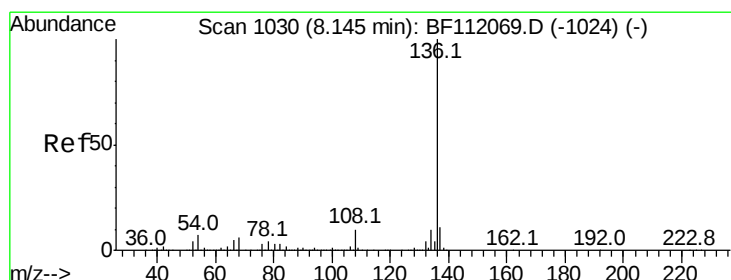
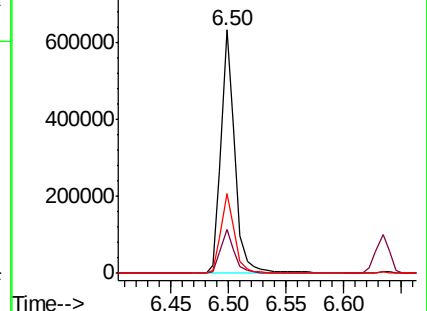
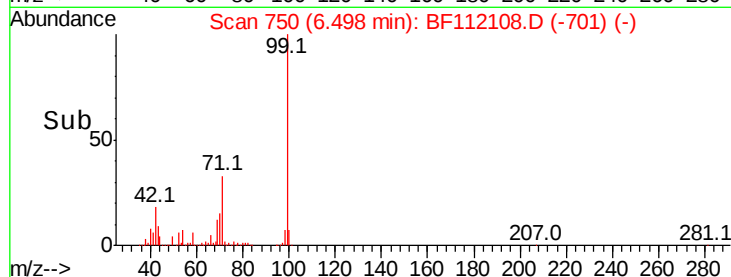
71 32.5 26.9 40.3



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. -0.00 min

Lab File: BF112108.D

Acq: 18 Jan 2019 00:40

Tgt Ion: 136 Resp: 1116602

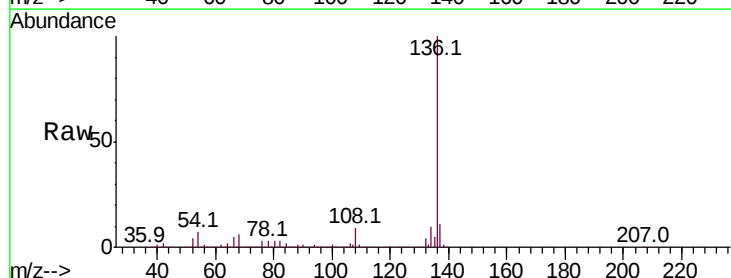
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.6 5.9 8.9

68 5.7 5.1 7.7

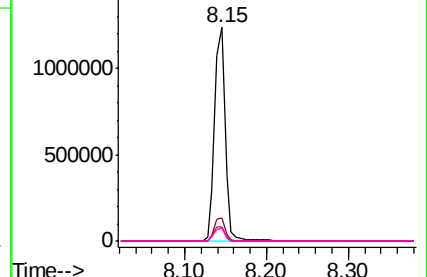
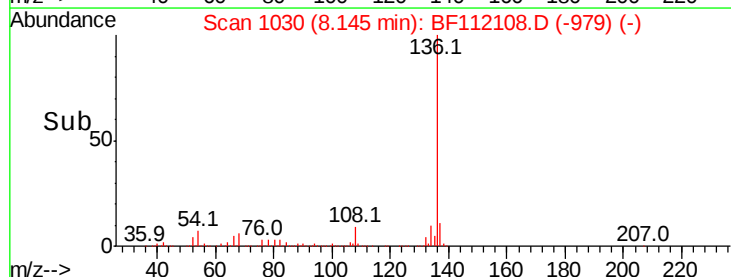


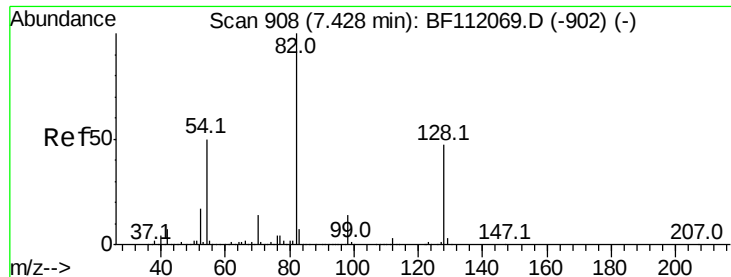
Abundance Ion 136.00 (135.70 to 136.70): E

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

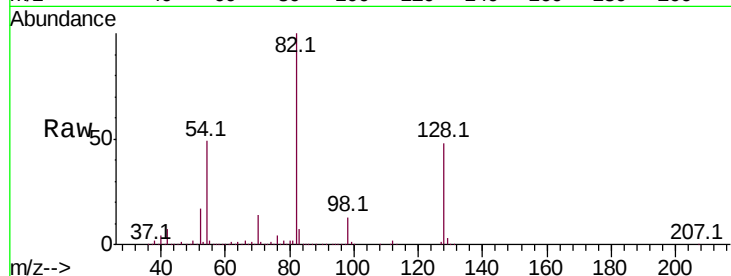




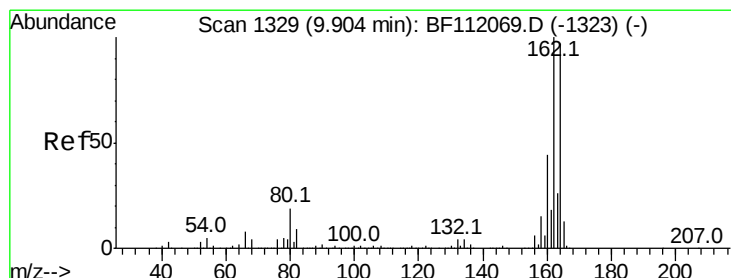
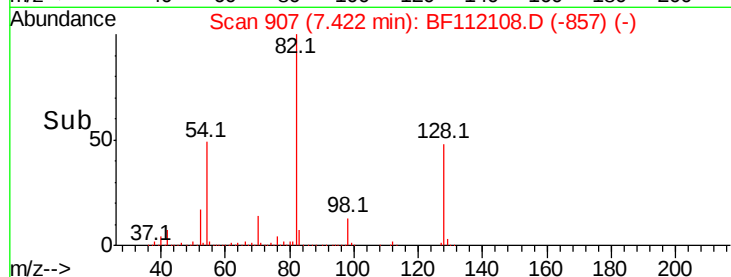
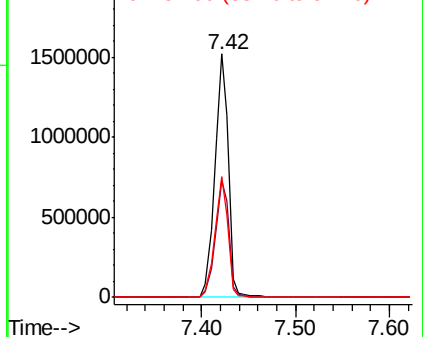
#23
 Nitrobenzene-d5
 Concen: 96.037 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

Instrument :
 BNA_F
 ClientSampled :
 D-10

Tot Ion: 82 Resp: 1552134
 Ion Ratio Lower Upper
 82 100
 128 47.9 37.8 56.8
 54 49.4 39.7 59.5

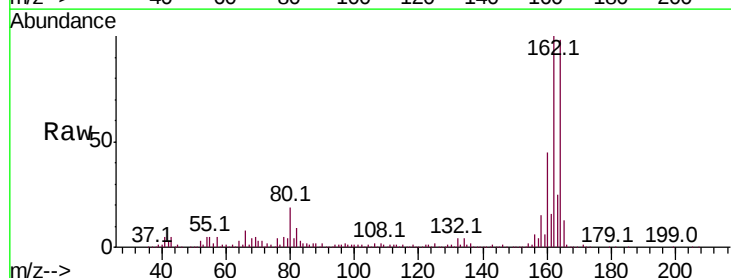


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

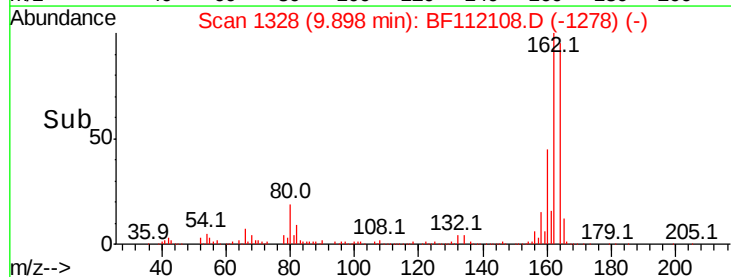
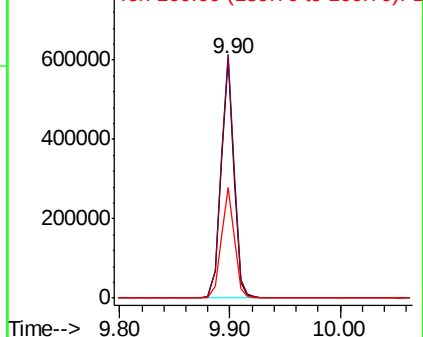


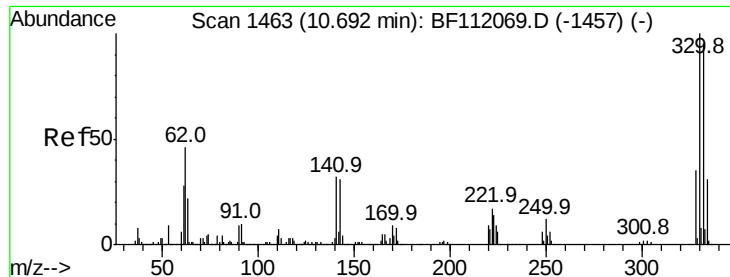
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

Tgt Ion:164 Resp: 489351
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.2 123.4
 160 46.0 36.2 54.4



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

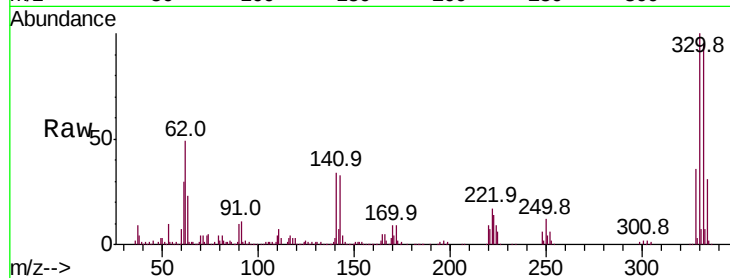




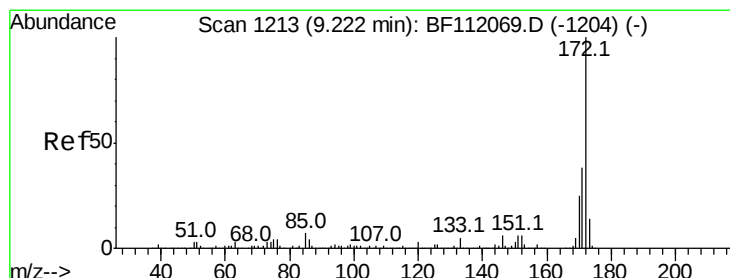
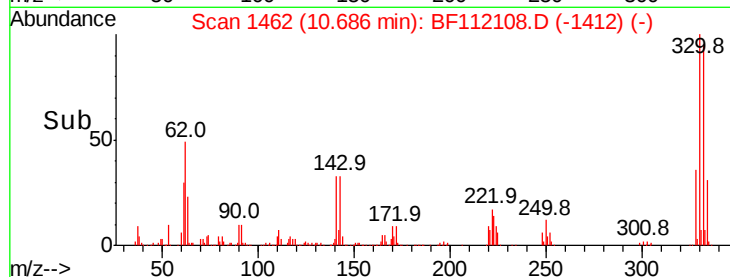
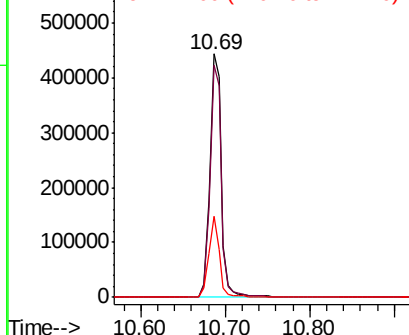
#42
 2,4,6-Tribromophenol
 Concen: 80.938 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

Instrument :
 BNA_F
 ClientSampleId :
 D-10

Tot Ion:330 Resp: 427271
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 29.9 24.3 36.5

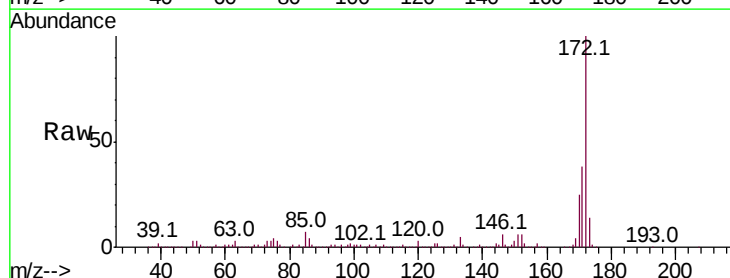


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

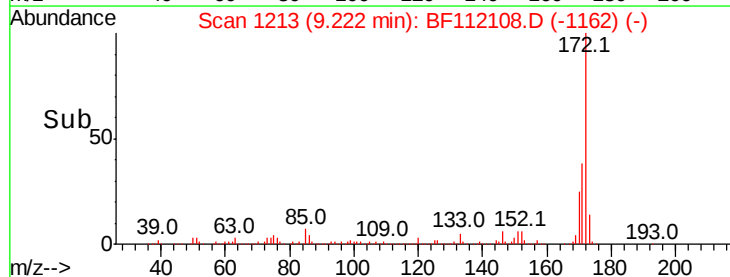
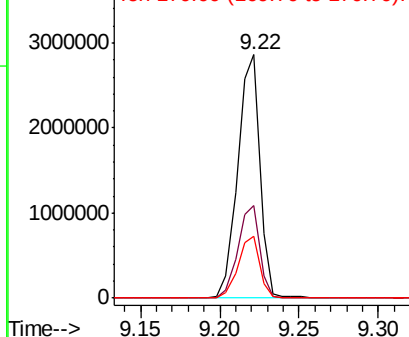


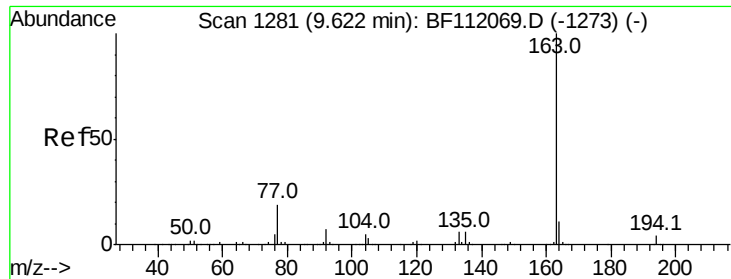
#45
 2-Fluorobiphenyl
 Concen: 83.177 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112108.D
 Acq: 18 Jan 2019 00:40

Tgt Ion:172 Resp: 2776230
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.5 45.7
 170 25.3 20.2 30.4



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

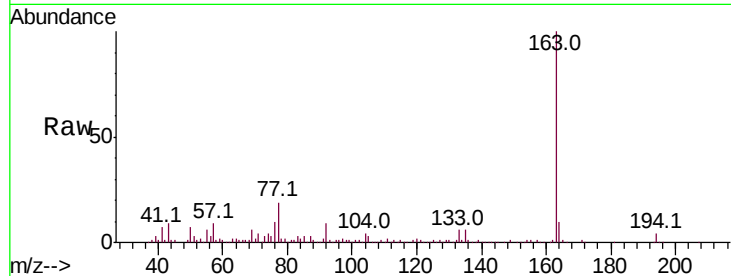




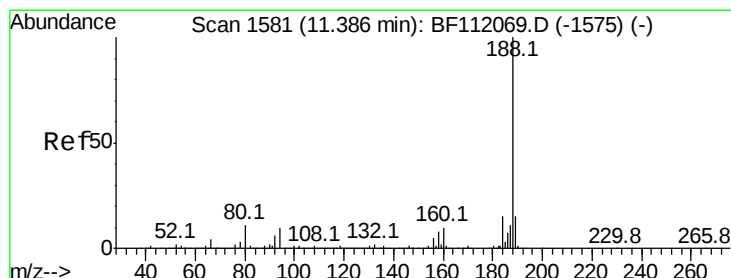
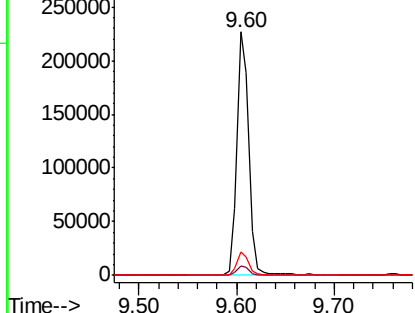
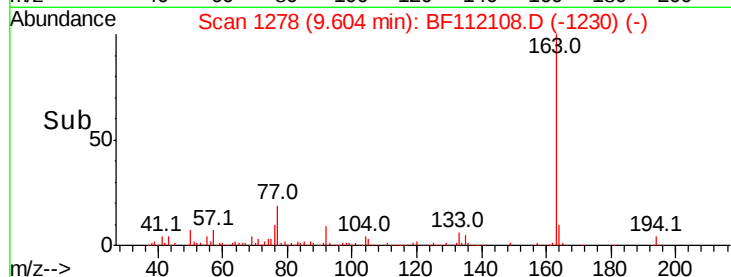
#50
Dimethylphthalate
Concen: 5.432 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

Instrument :
BNA_F
ClientSampleId :
D-10

Tot Ion	163	Resp:	193842
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.6	8.5	12.7

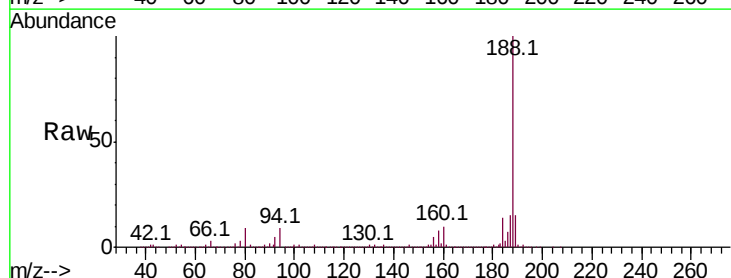


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

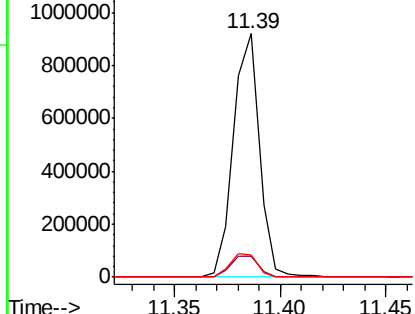
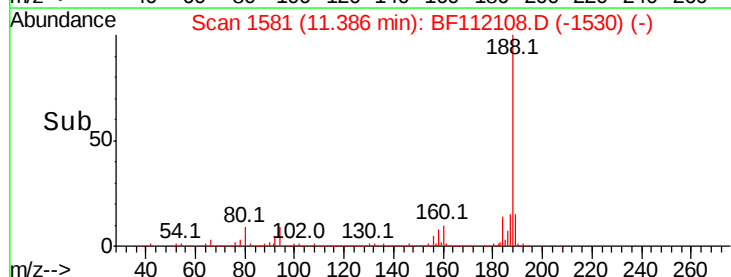


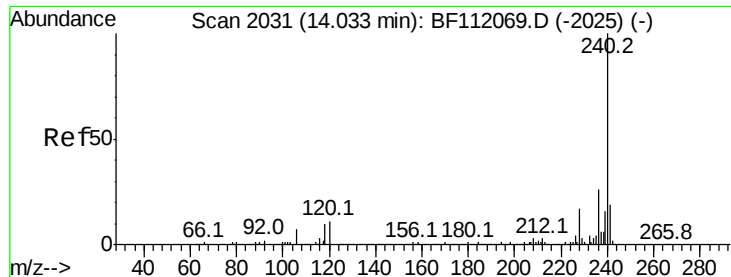
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

Tgt Ion	188	Resp: Lower	784904 Upper
	Ratio 100		
94	8.6	8.2	12.2
80	9.0	8.9	13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112108.D

Acq: 18 Jan 2019 00:40

Instrument :

BNA_F

ClientSampleId :

D-10

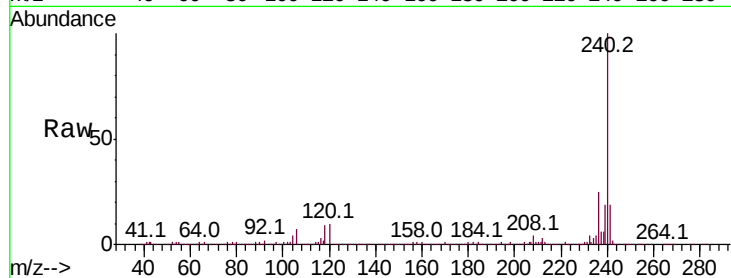
Tot Ion:240 Resp: 683937

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

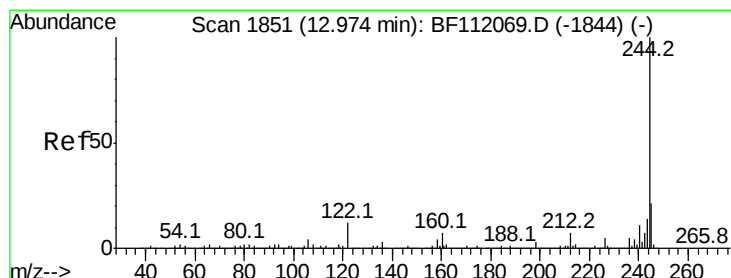
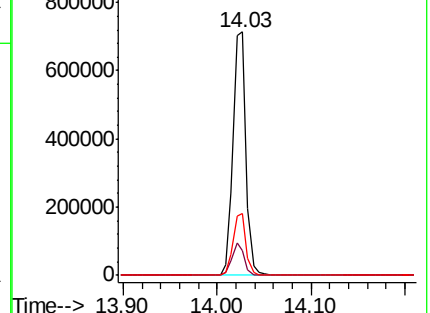
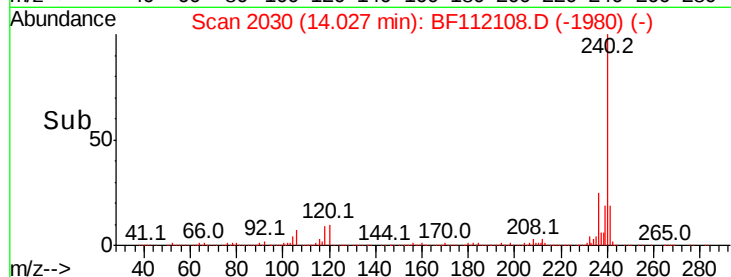
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 66.670 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112108.D

Acq: 18 Jan 2019 00:40

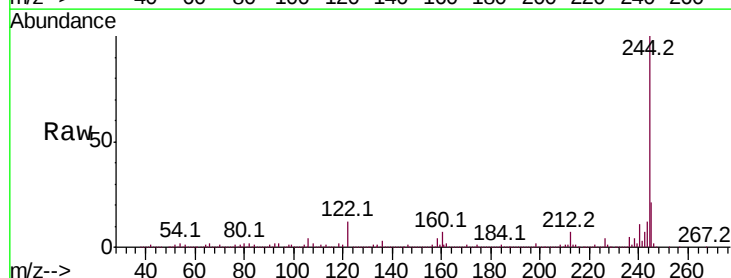
Tgt Ion:244 Resp: 2143388

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

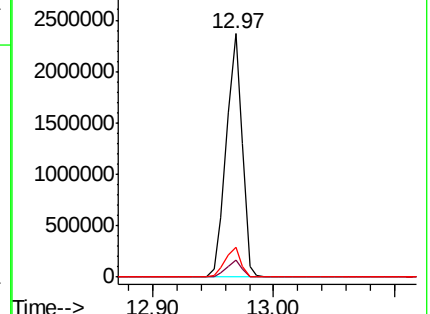
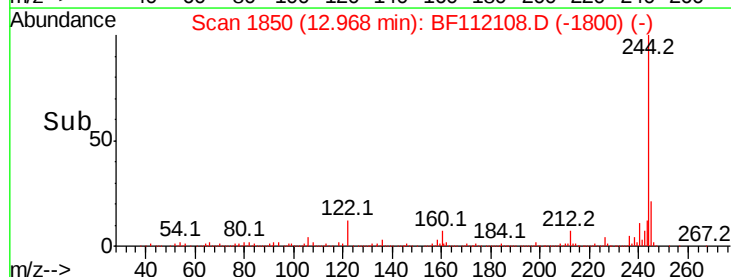
122 12.2 9.8 14.6

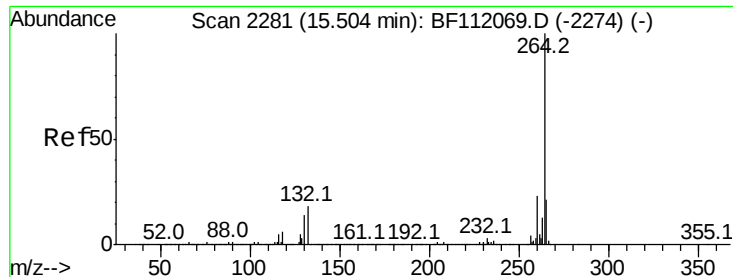


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF112108.D
Acq: 18 Jan 2019 00:40

Instrument :
BNA_F
ClientSampleId :
D-10

Tot Ion:264 Resp: 528894

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.0	17.0	25.4

