

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110813.D
 Acq On : 16 Nov 2018 13:12
 Operator : JU/SJ
 Sample : J5916-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110918-TIPC-F-D-S

Quant Time: Nov 16 14:09:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	55211	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	242941	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	116824	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	220120	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	131859	20.00	ng	0.00
87) Perylene-d12	15.66	264	136428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	128252	37.73	ng	0.00
7) Phenol-d6	6.56	99	100275	23.07	ng	-0.01
23) Nitrobenzene-d5	7.50	82	360451	85.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	72594	61.67	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	694049	84.85	ng	0.00
79) Terphenyl-d14	13.06	244	497746	70.69	ng	-0.01

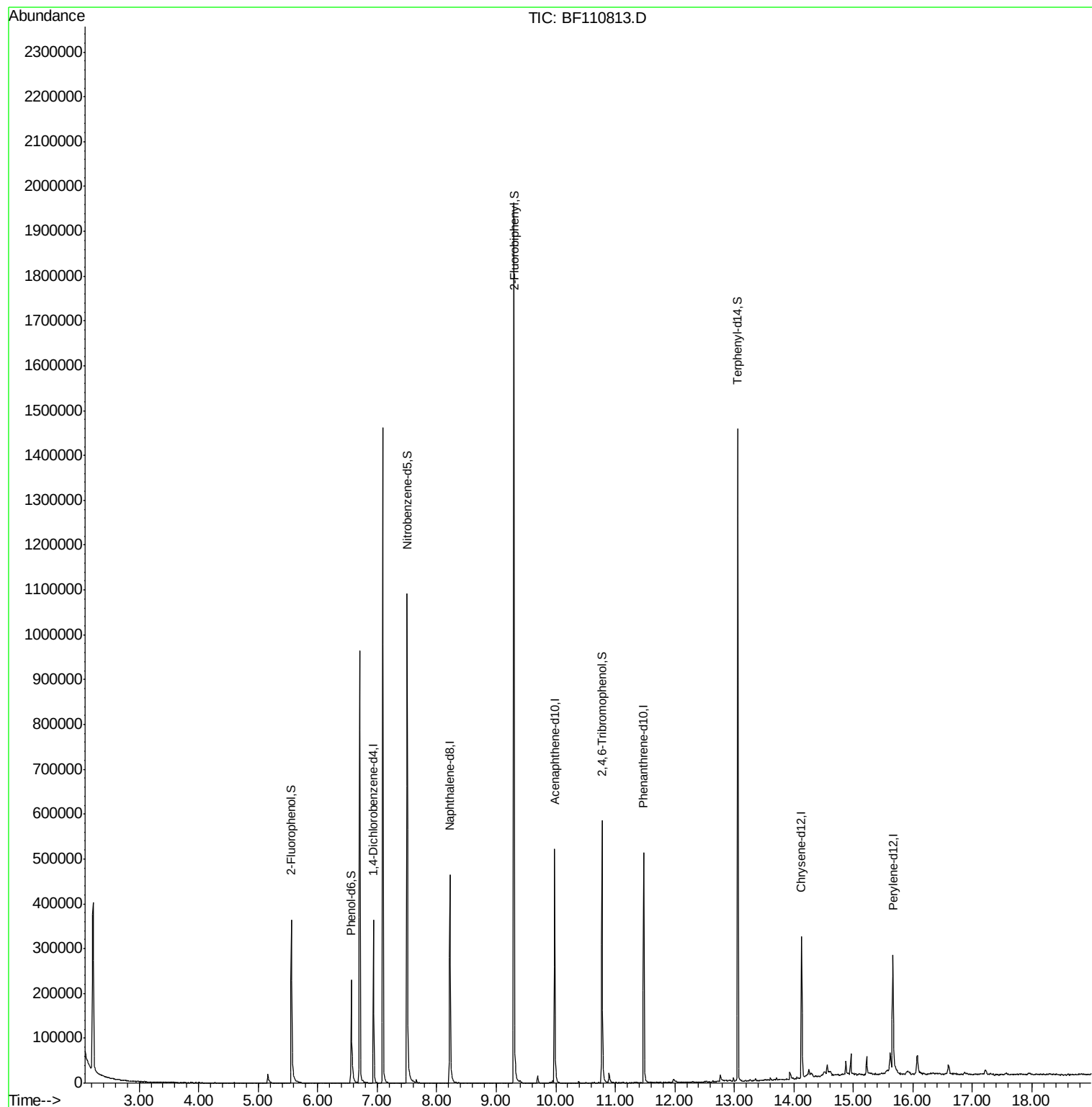
Target Compounds Qvalue

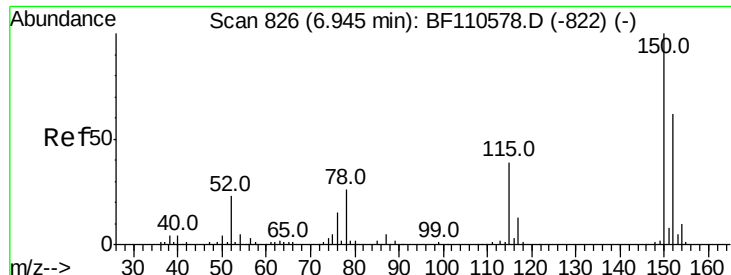
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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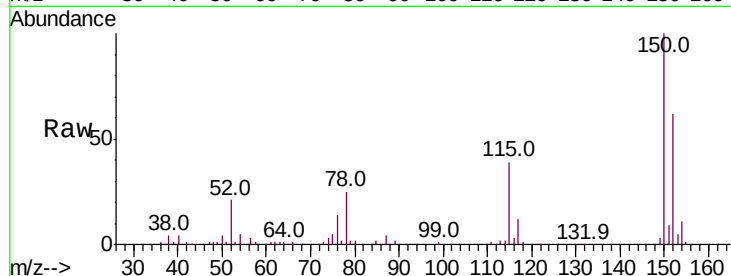


#1

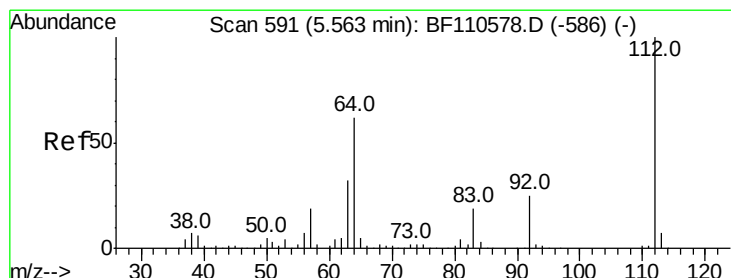
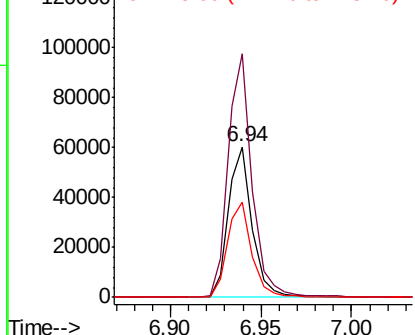
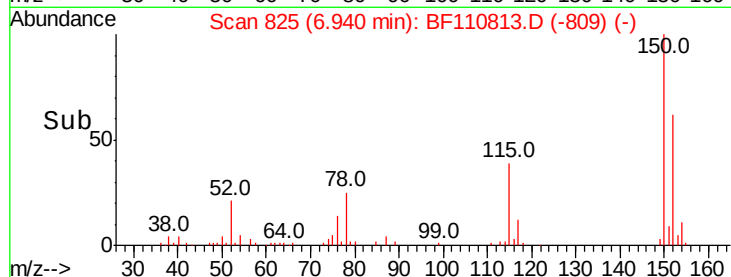
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110813.D
Acq: 16 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :
110918-TIPC-F-D-S

Tot Ion:152 Resp: 55211
Ion Ratio Lower Upper
152 100
150 162.1 122.7 184.1
115 63.1 49.1 73.7



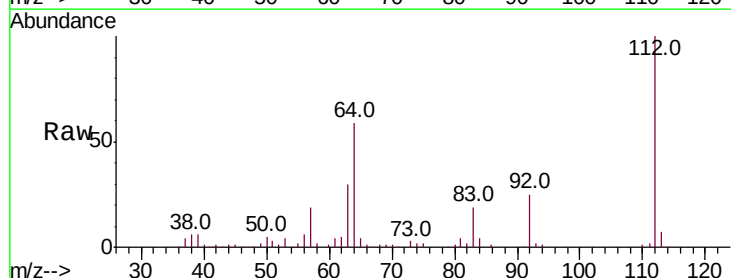
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



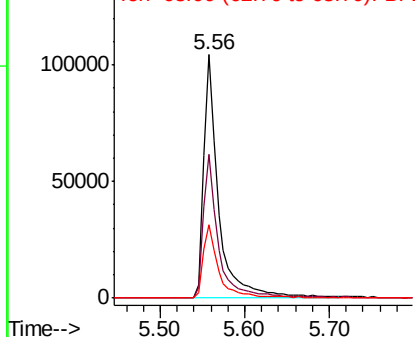
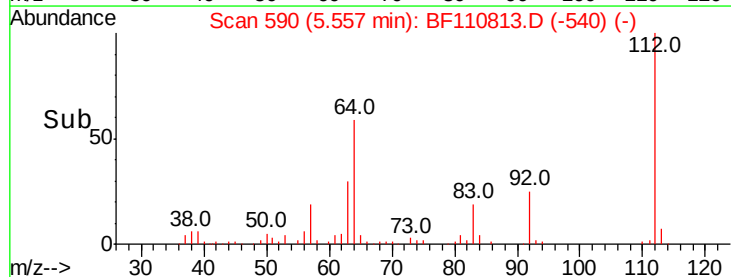
#5

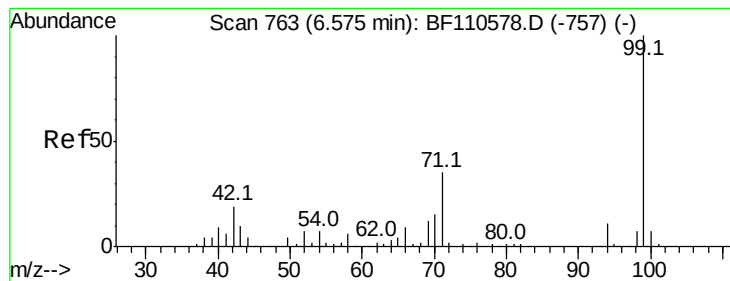
2-Fluorophenol
Concen: 37.732 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110813.D
Acq: 16 Nov 2018 13:12

Tgt Ion:112 Resp: 128252
Ion Ratio Lower Upper
112 100
64 58.8 44.1 66.1
63 30.3 23.7 35.5



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: 23.070 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110813.D

Acq: 16 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

110918-TIPC-F-D-S

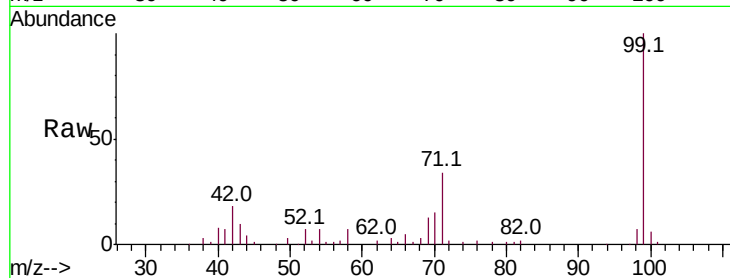
Tot Ion: 99 Resp: 100275

Ion Ratio Lower Upper

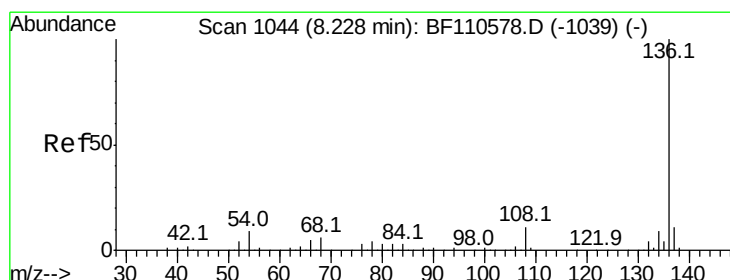
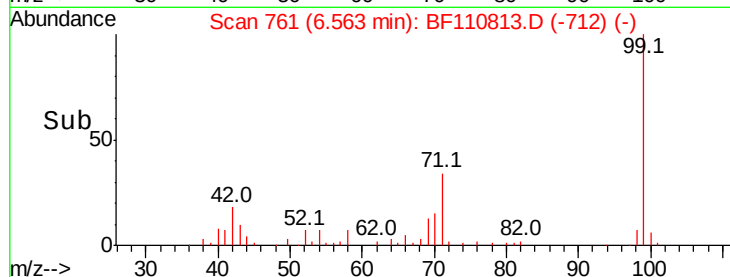
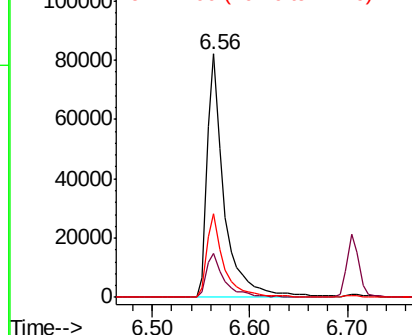
99 100

42 18.1 15.8 23.6

71 34.2 28.0 42.0



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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110813.D

Acq: 16 Nov 2018 13:12

Tgt Ion: 136 Resp: 242941

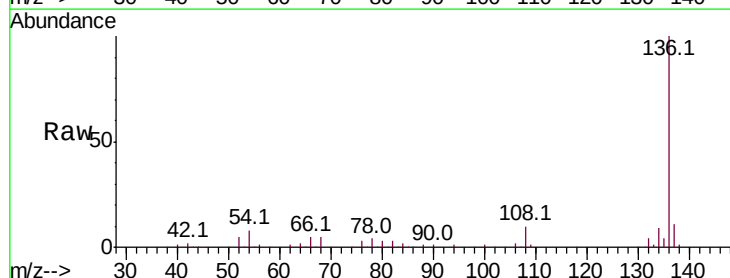
Ion Ratio Lower Upper

136 100

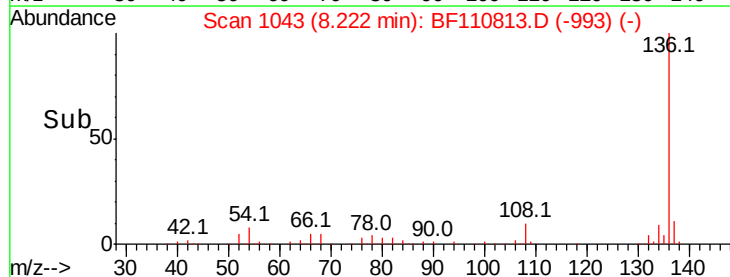
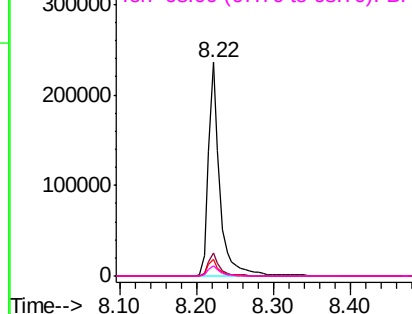
137 10.8 8.8 13.2

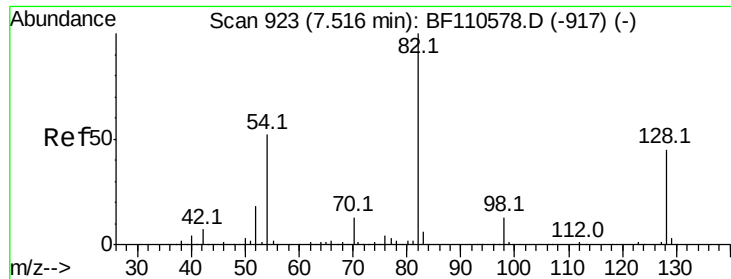
54 7.6 5.4 8.2

68 5.1 4.2 6.2



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

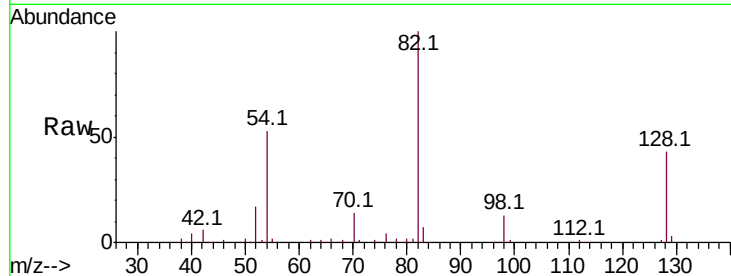




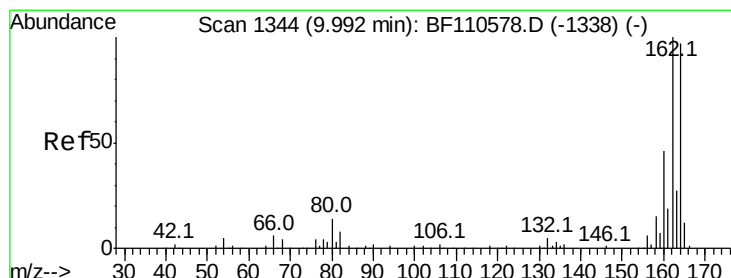
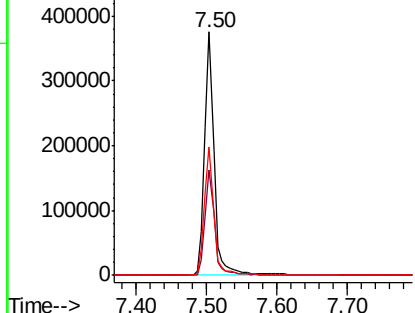
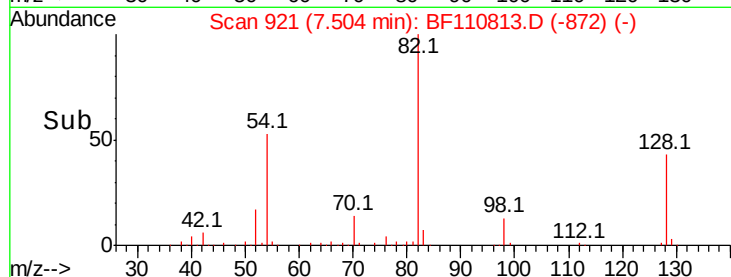
#23
 Nitrobenzene-d5
 Concen: 85.445 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110813.D
 Acq: 16 Nov 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 110918-TIPC-F-D-S

Tot Ion	82	Resp	360451
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	52.5	38.6	58.0

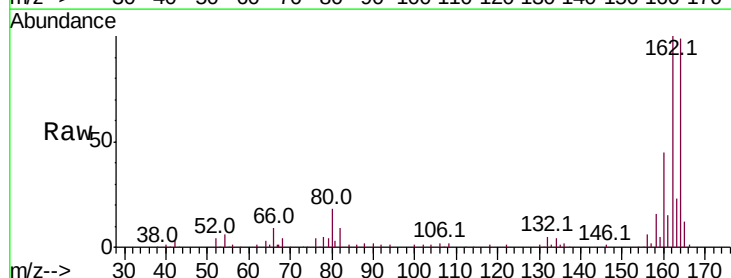


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

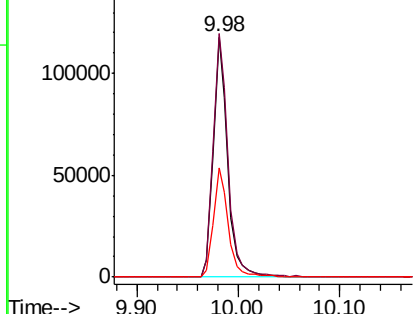
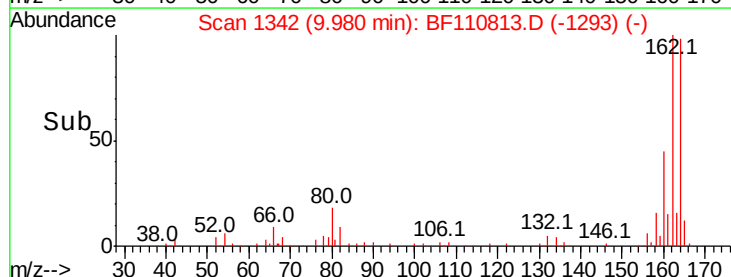


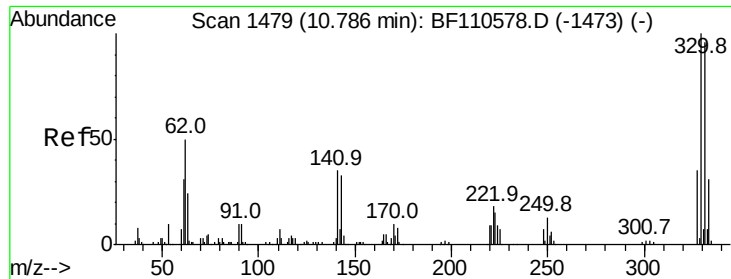
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110813.D
 Acq: 16 Nov 2018 13:12

Tgt Ion	164	Resp	116824
Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.0	124.6
160	45.4	37.0	55.6



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

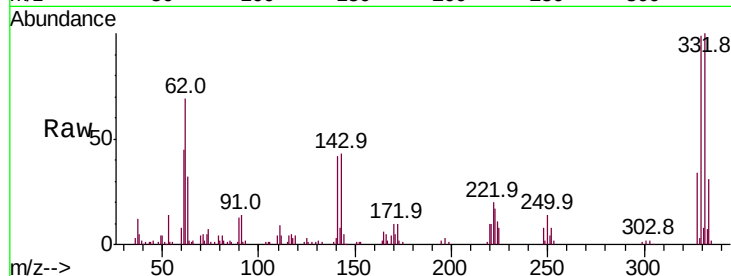




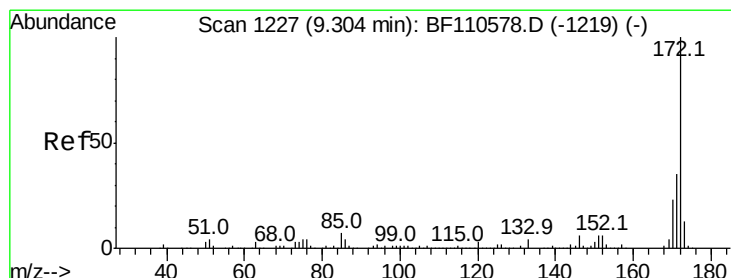
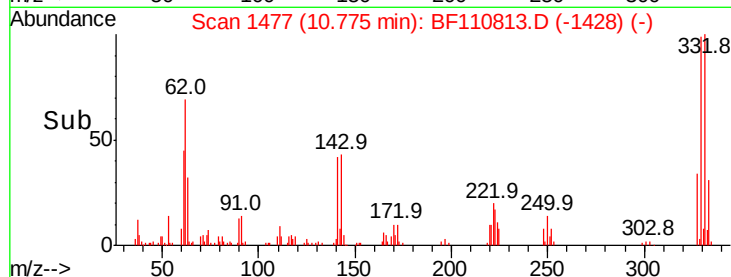
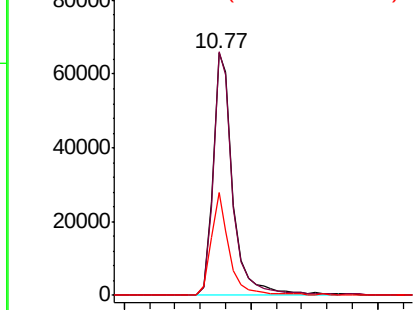
#42
 2,4,6-Tribromophenol
 Concen: 61.669 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110813.D
 Acq: 16 Nov 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 110918-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	38.2	27.0	40.4

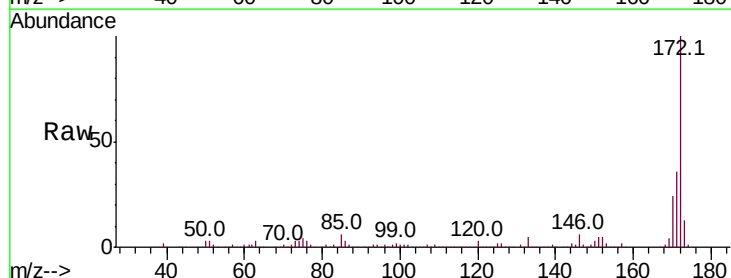


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

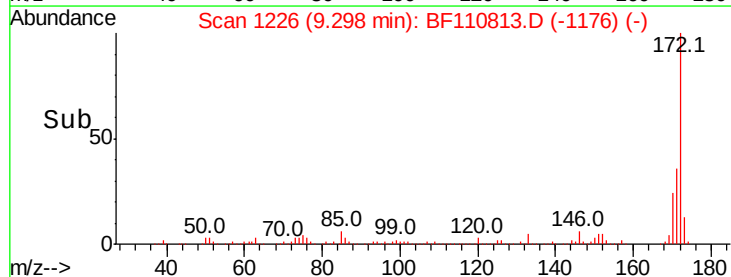
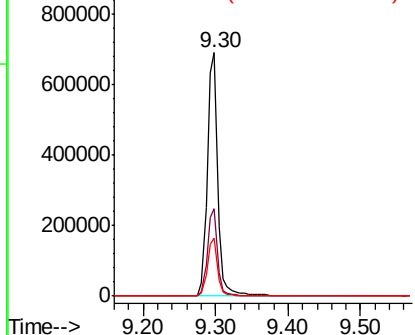


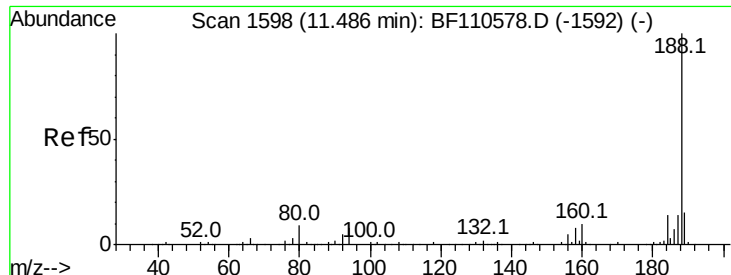
#45
 2-Fluorobiphenyl
 Concen: 84.848 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110813.D
 Acq: 16 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	19.7	29.5



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

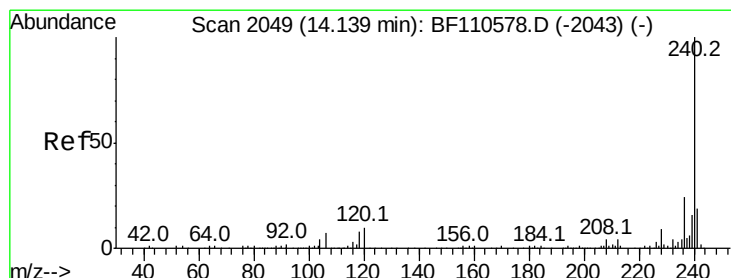
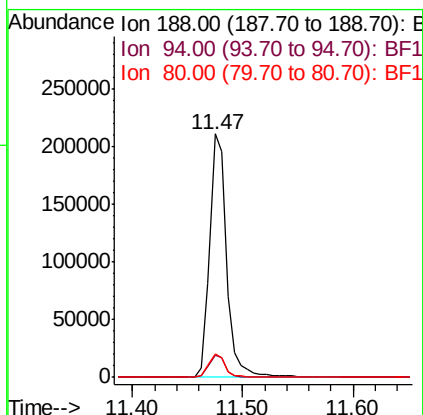
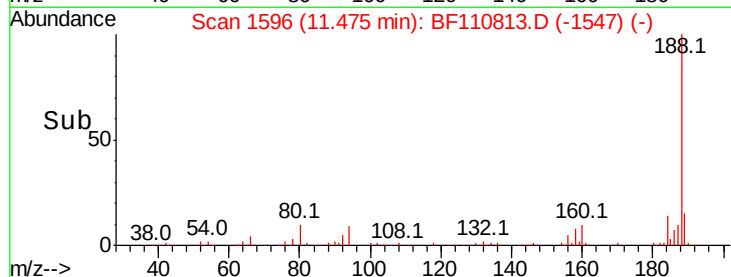
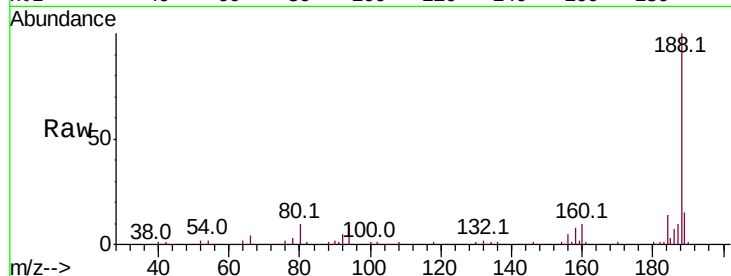




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110813.D
Acq: 16 Nov 2018 13:12

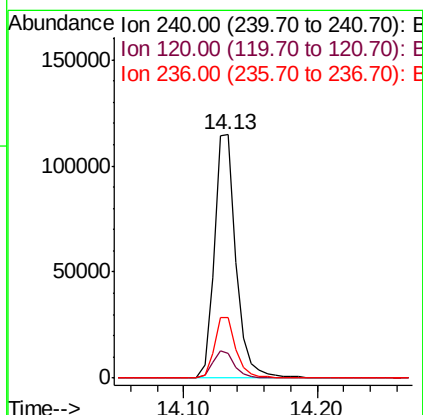
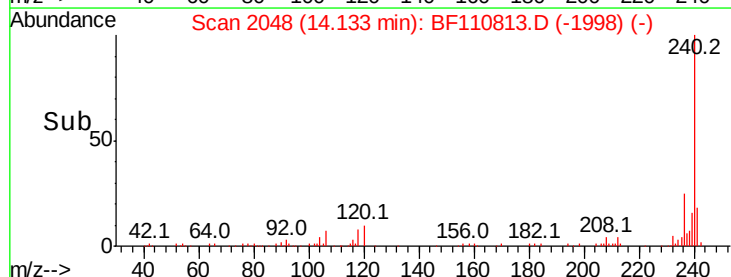
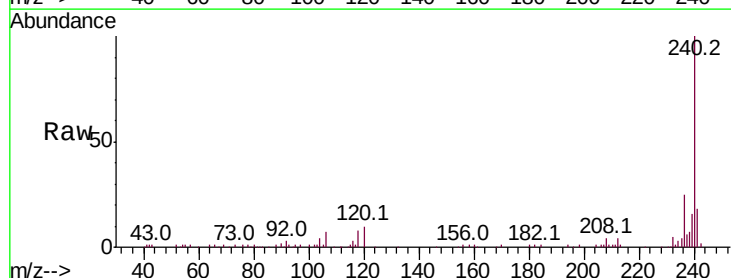
Instrument :
BNA_F
ClientSampleId :
110918-TIPC-F-D-S

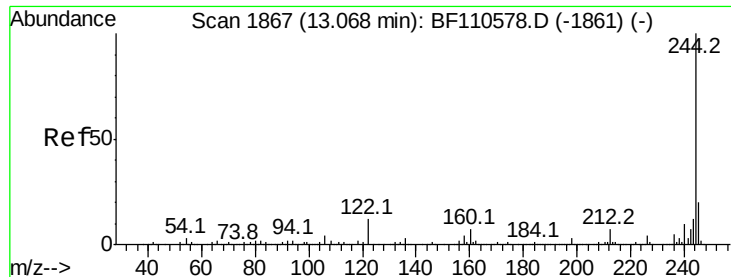
Tot Ion:188 Resp: 220120
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110813.D
Acq: 16 Nov 2018 13:12

Tgt Ion:240 Resp: 131859
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 25.0 21.2 31.8





#79

Terphenyl-d14

Concen: 70.694 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110813.D

Acq: 16 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

110918-TIPC-F-D-S

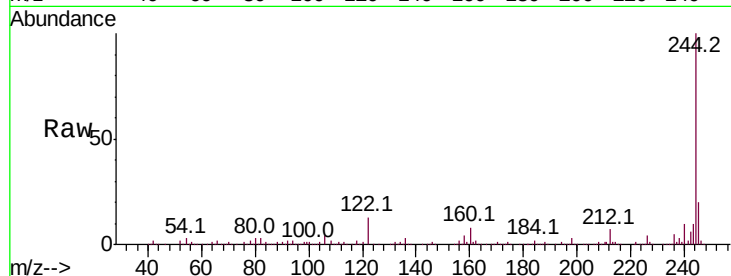
Tot Ion:244 Resp: 497746

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

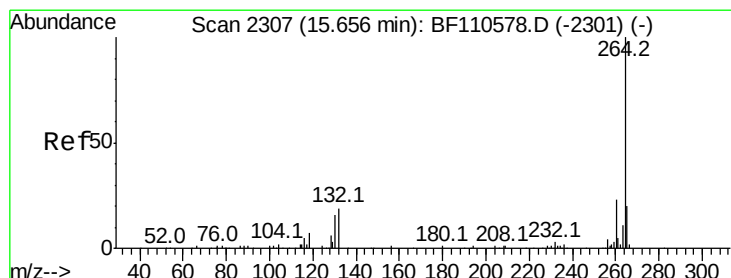
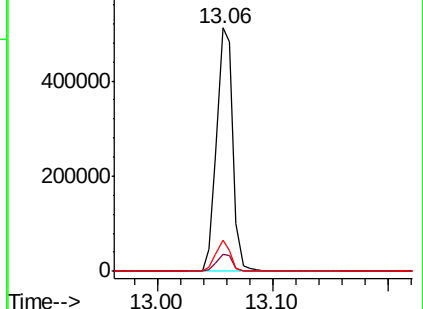
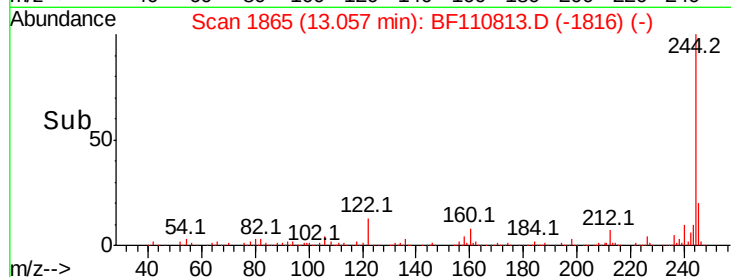
122 12.7 8.7 13.1



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: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110813.D

Acq: 16 Nov 2018 13:12

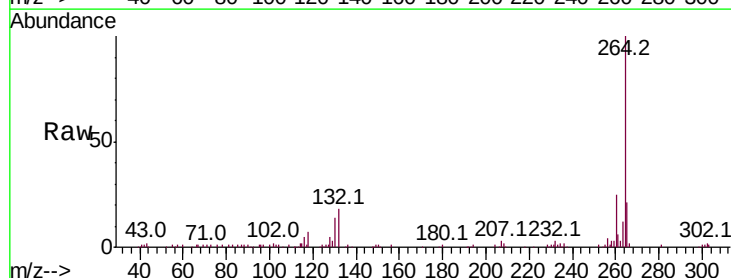
Tgt Ion:264 Resp: 136428

Ion Ratio Lower Upper

264 100

260 25.0 18.7 28.1

265 21.1 16.7 25.1



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

