

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110800.D
 Acq On : 15 Nov 2018 20:40
 Operator : JU/SJ
 Sample : J5942-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 04:29:39 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

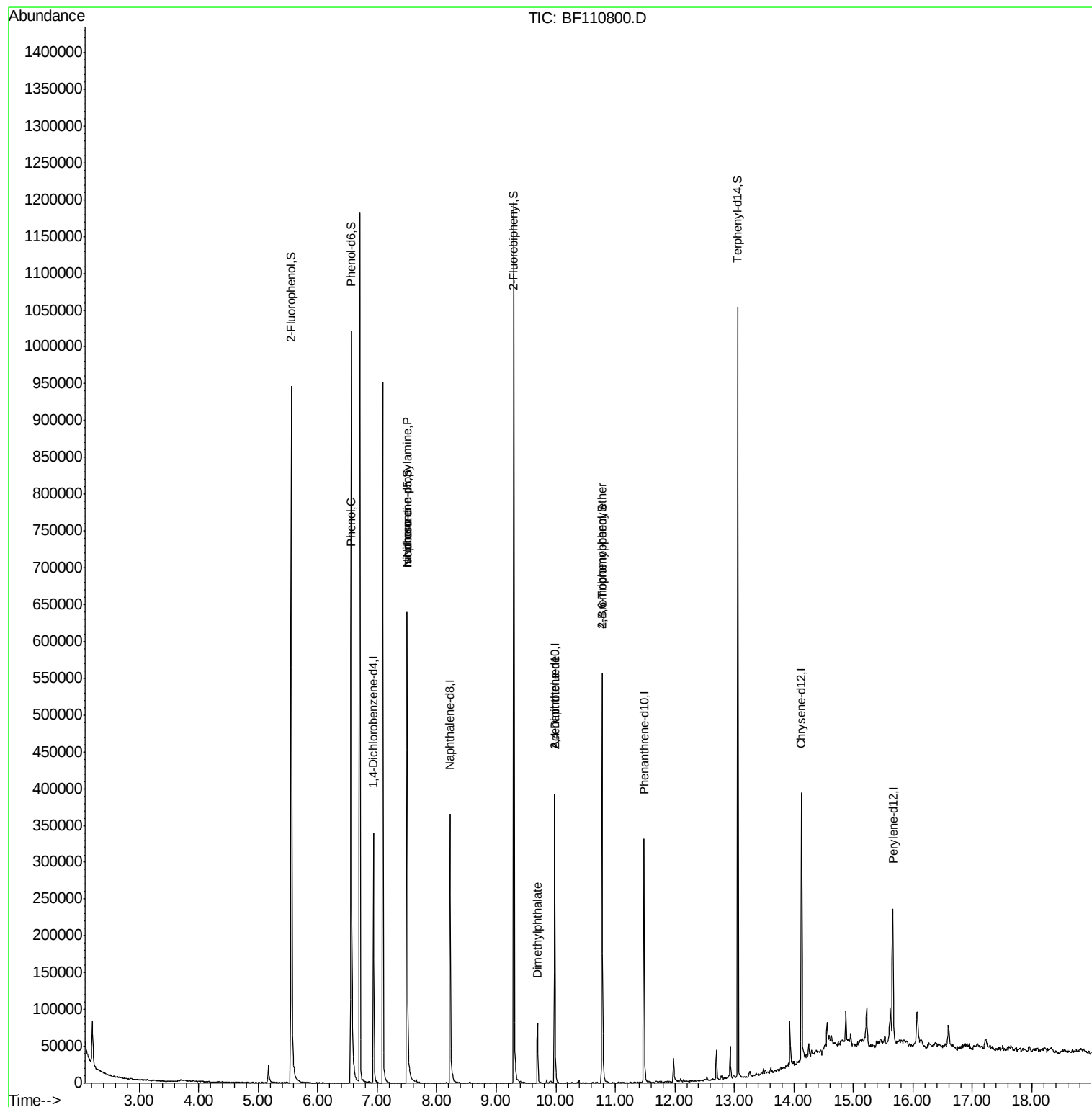
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	50916	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	199602	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	85629	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	139006	20.00	ng	0.00
76) Chrysene-d12	14.13	240	128647	20.00	ng	0.00
87) Perylene-d12	15.66	264	91679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	290415	92.65	ng	0.00
7) Phenol-d6	6.56	99	363795	90.76	ng	-0.01
23) Nitrobenzene-d5	7.50	82	224674	64.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	71296	82.63	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	412285	68.76	ng	0.00
79) Terphenyl-d14	13.06	244	340742	49.60	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	17565	3.779	ng	84
19) n-Nitroso-di-n-propylamine	7.50	70	28854	11.277	ng	# 82
25) Isophorone	7.50	82	224672	39.550	ng	# 67
50) Dimethylphthalate	9.69	163	38680	6.054	ng	# 97
57) 2,4-Dinitrotoluene	9.98	165	10678	5.843	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4339	2.824	ng	# 1

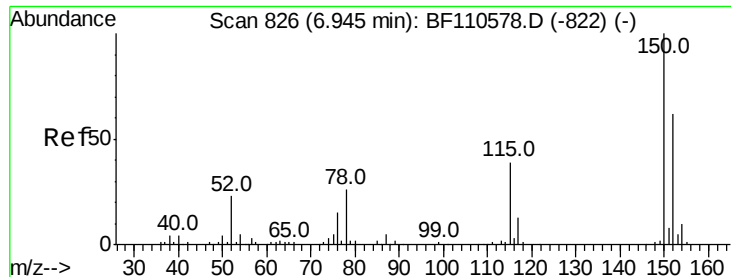
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
Data File : BF110800.D
Acq On : 15 Nov 2018 20:40
Operator : JU/SJ
Sample : J5942-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 16 04:29:39 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



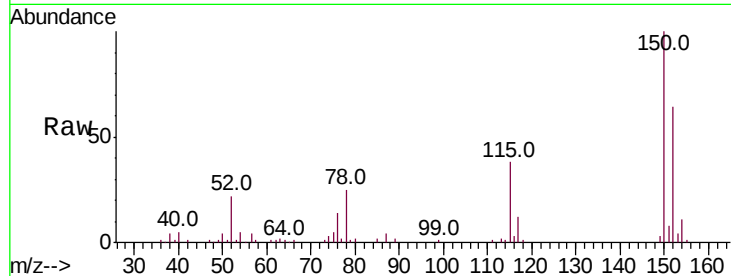


#1

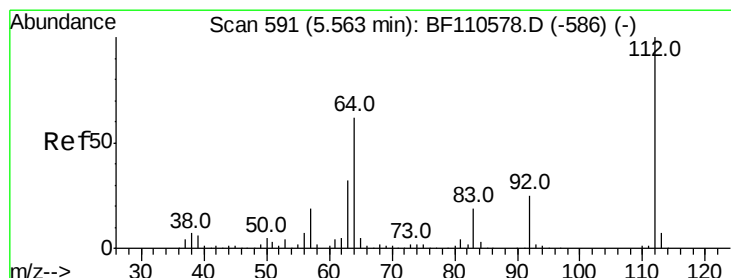
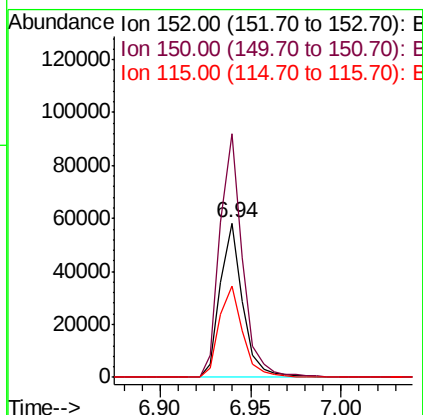
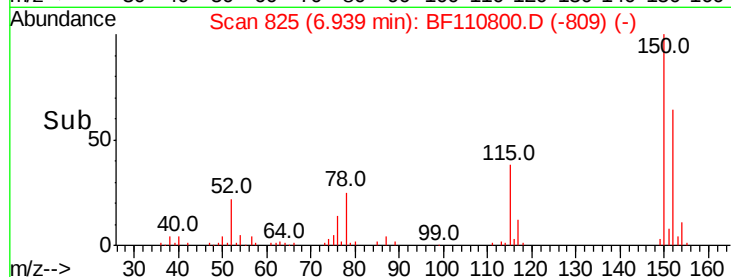
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110800.D
Acq: 15 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50916
Ion Ratio Lower Upper
152 100
150 157.4 122.7 184.1
115 59.4 49.1 73.7



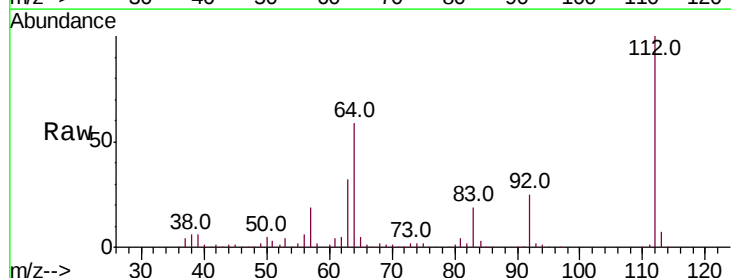
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



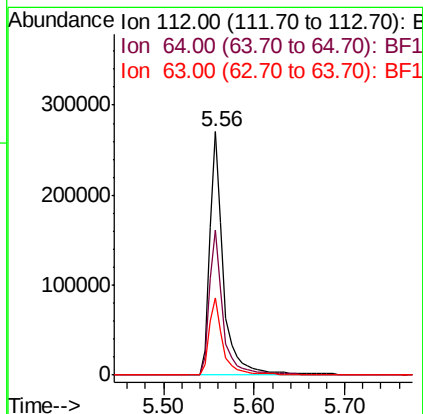
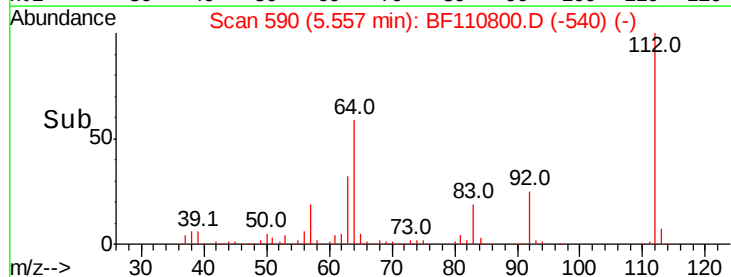
#5

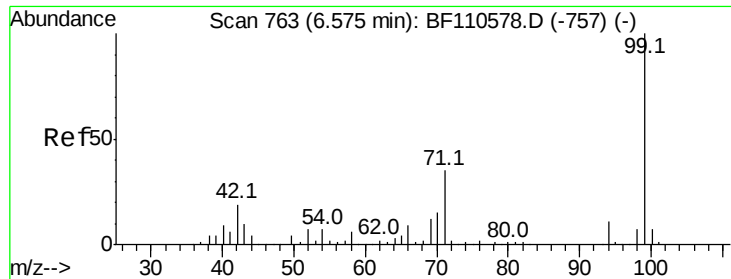
2-Fluorophenol
Concen: 92.648 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110800.D
Acq: 15 Nov 2018 20:40

Tgt Ion:112 Resp: 290415
Ion Ratio Lower Upper
112 100
64 59.4 44.1 66.1
63 31.6 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: 90.758 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110800.D

Acq: 15 Nov 2018 20:40

Instrument :

BNA_F

ClientSampled :

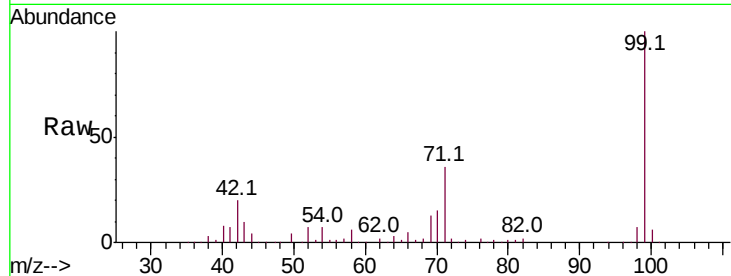
Tot Ion: 99 Resp: 363795

Ion Ratio Lower Upper

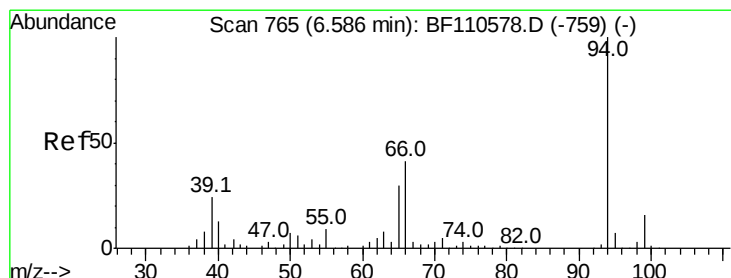
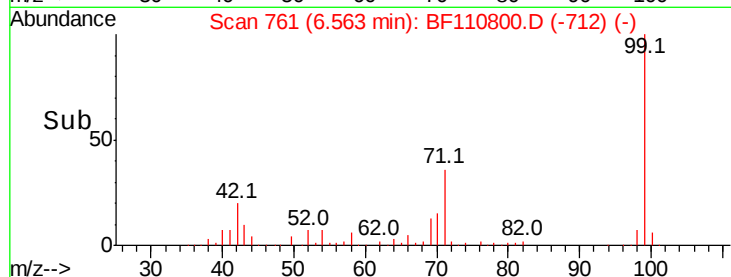
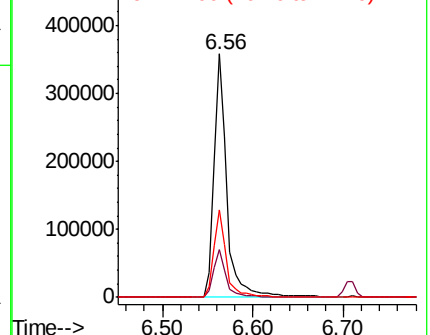
99 100

42 19.8 15.8 23.6

71 35.8 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



#10

Phenol

Concen: 3.779 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110800.D

Acq: 15 Nov 2018 20:40

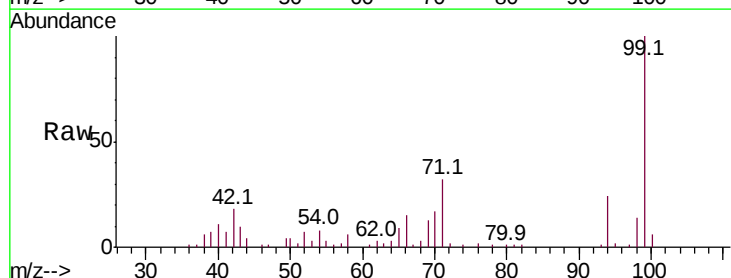
Tgt Ion: 94 Resp: 17565

Ion Ratio Lower Upper

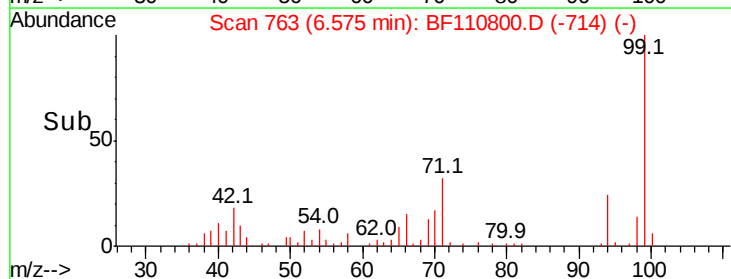
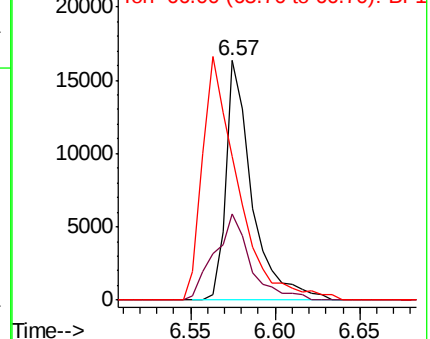
94 100

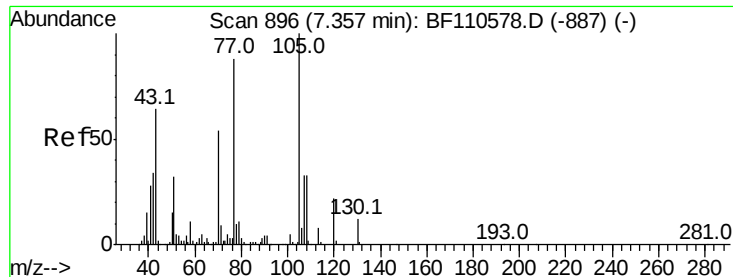
65 36.1 25.3 65.3

66 60.3 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 11.277 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

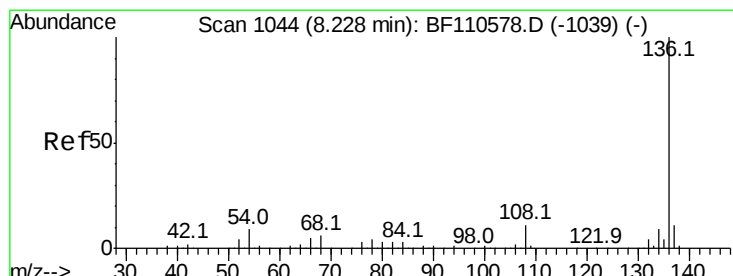
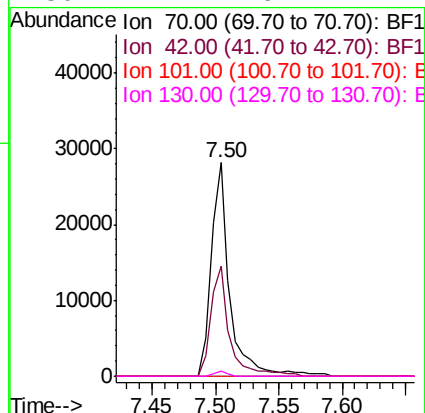
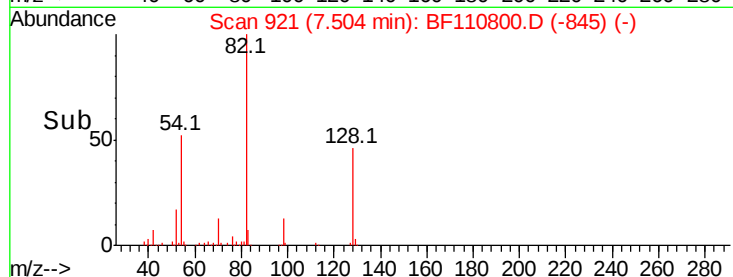
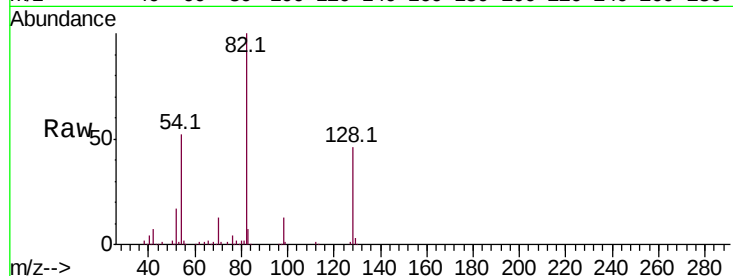
Lab File: BF110800.D

Acq: 15 Nov 2018 20:40

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 28854

Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

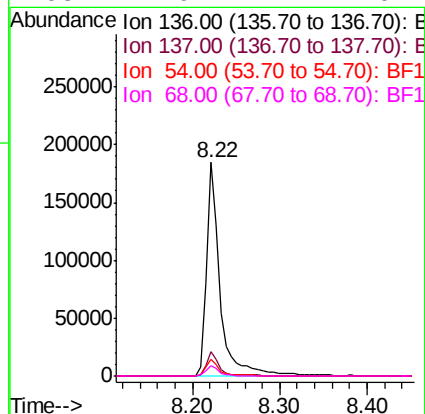
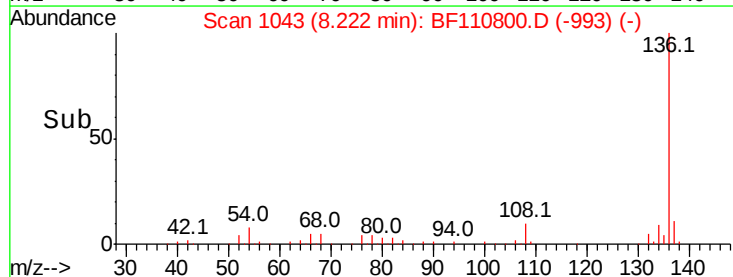
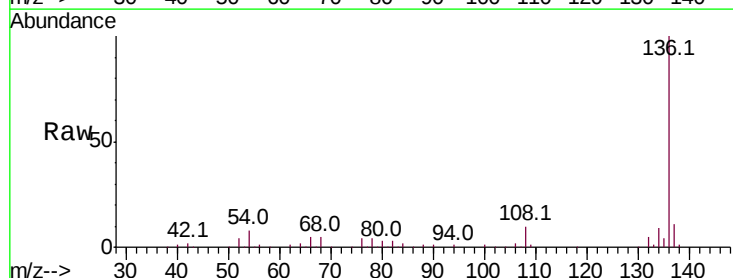
Delta R.T. -0.01 min

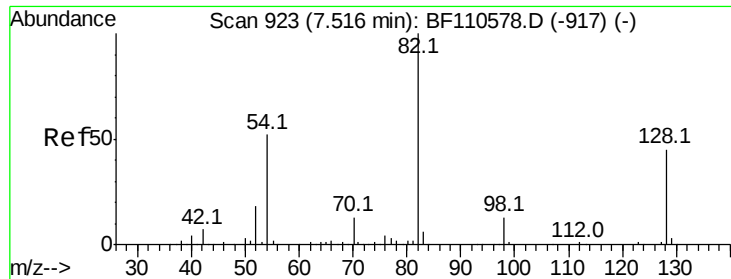
Lab File: BF110800.D

Acq: 15 Nov 2018 20:40

Tgt Ion: 136 Resp: 199602

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	5.4	8.2
68	4.9	4.2	6.2

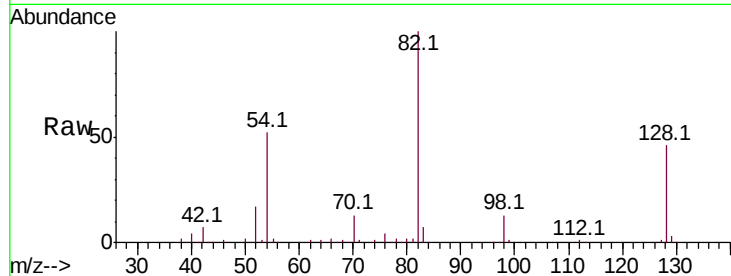




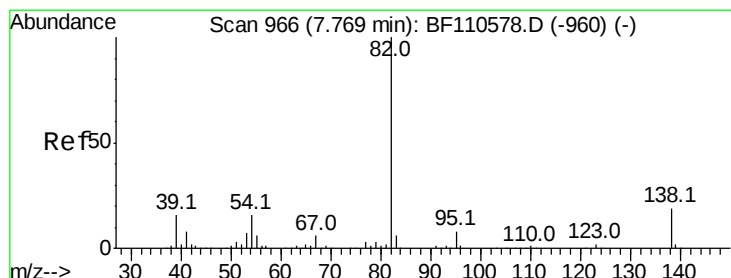
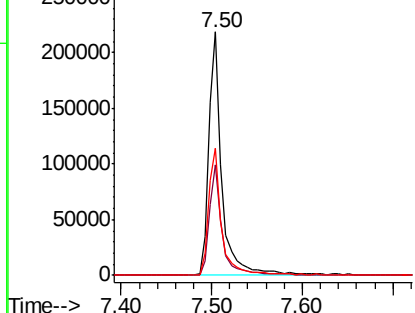
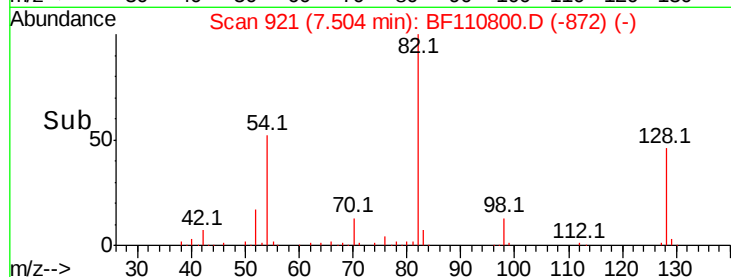
#23
 Nitrobenzene-d5
 Concen: 64.823 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110800.D
 Acq: 15 Nov 2018 20:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	224674
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.2	51.2
54	52.1	38.6	58.0

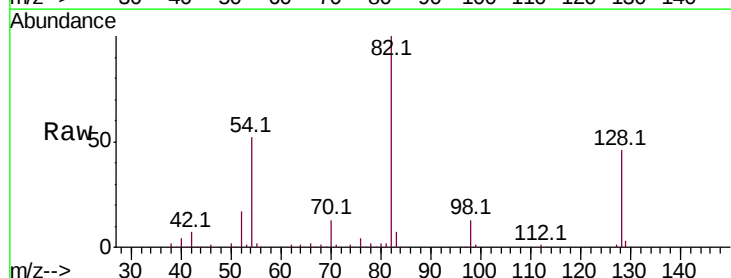


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

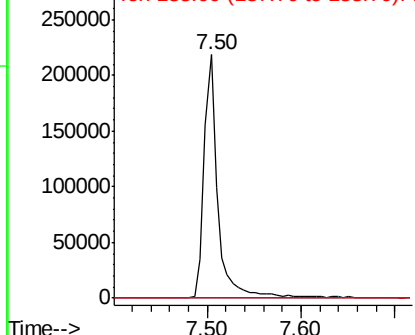
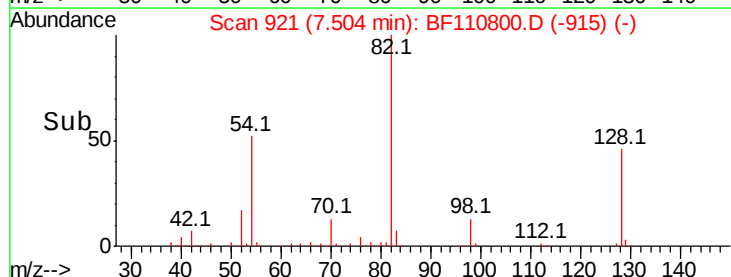


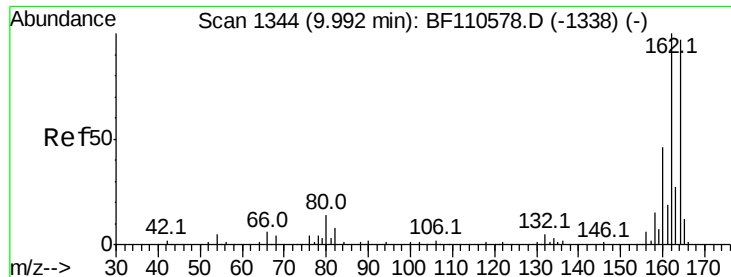
#25
 Isophorone
 Concen: 39.550 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110800.D
 Acq: 15 Nov 2018 20:40

Tgt Ion	82	Resp	224672
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

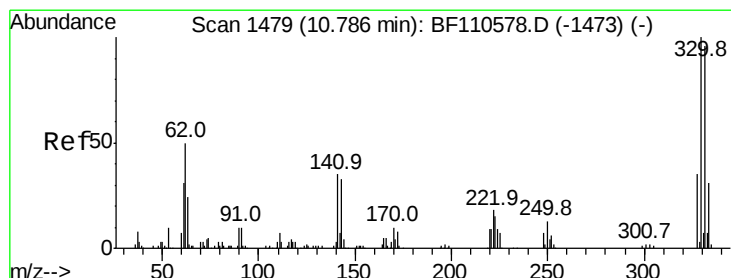
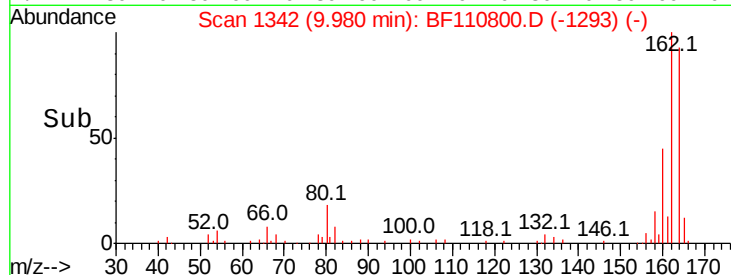
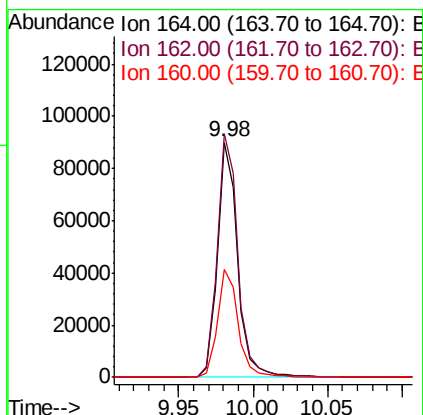
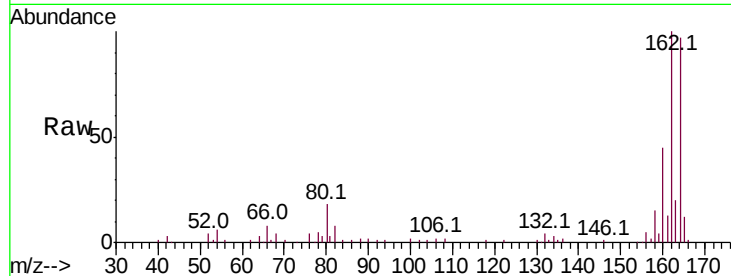




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110800.D
 Acq: 15 Nov 2018 20:40

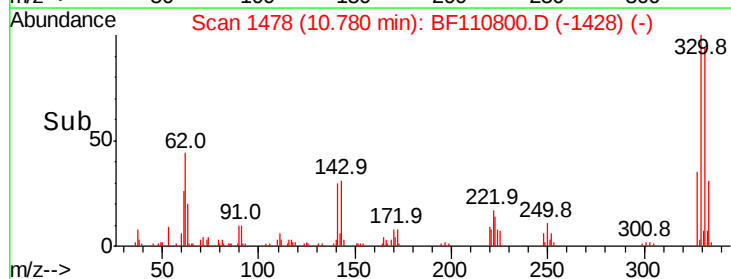
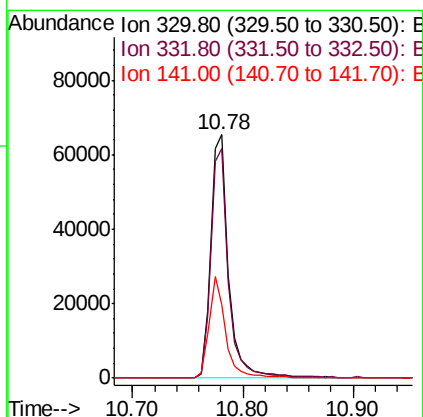
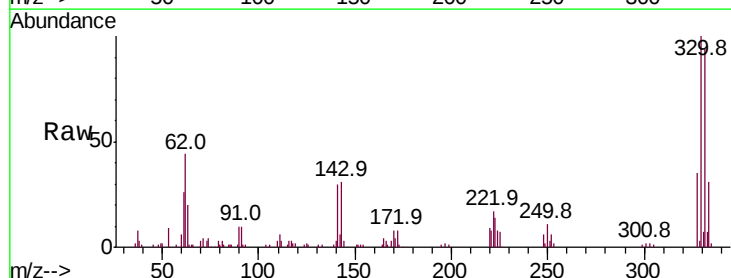
Instrument :
 BNA_F
 ClientSampleId :

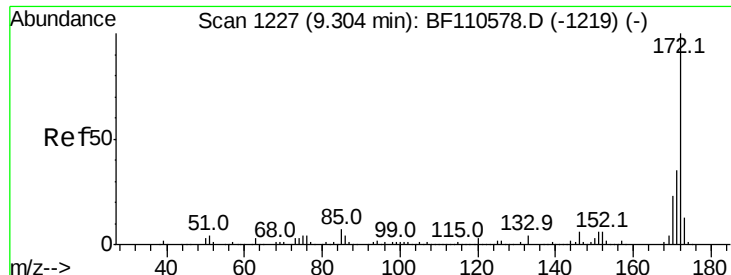
Tot Ion:164 Resp: 85629
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.0 124.6
 160 46.1 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 82.631 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110800.D
 Acq: 15 Nov 2018 20:40

Tgt Ion:330 Resp: 71296
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.1 115.7
 141 38.1 27.0 40.4

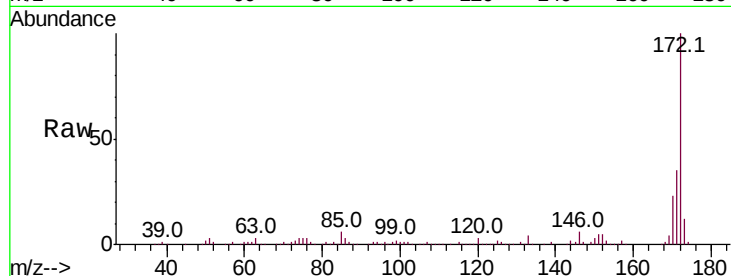




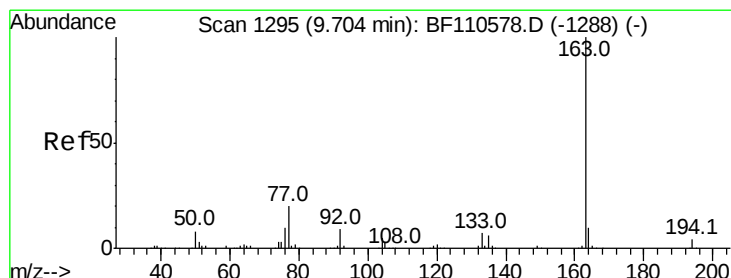
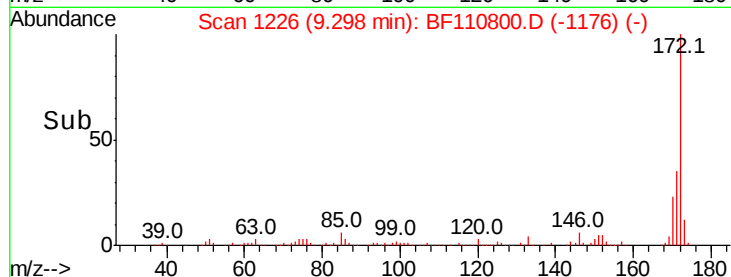
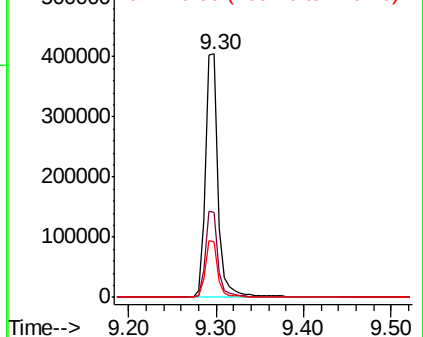
#45
2-Fluorobiphenyl
Concen: 68.764 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110800.D
Acq: 15 Nov 2018 20:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 412285
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 22.8 19.7 29.5

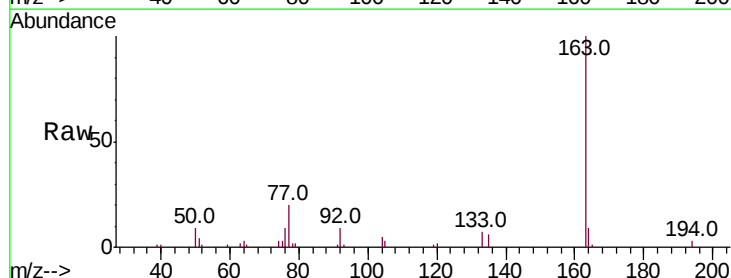


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

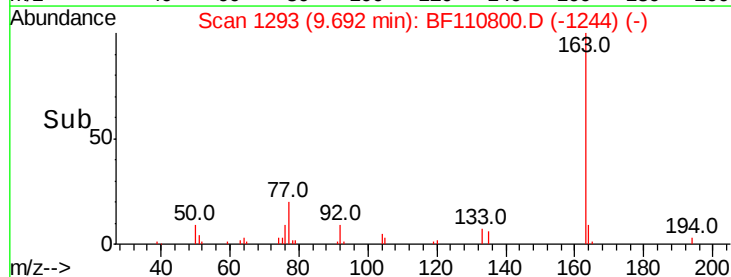
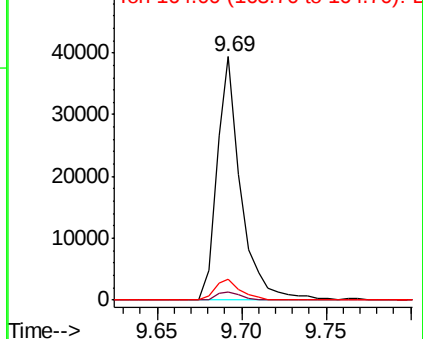


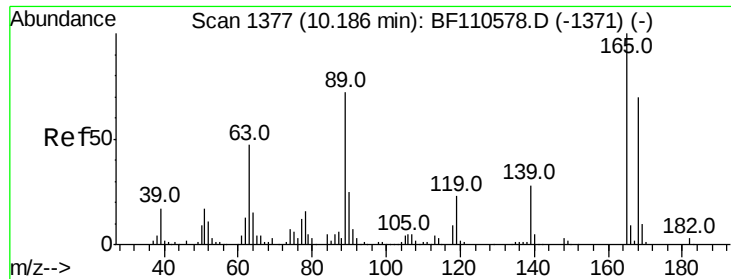
#50
Dimethylphthalate
Concen: 6.054 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110800.D
Acq: 15 Nov 2018 20:40

Tgt Ion:163 Resp: 38680
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8#
164 8.7 8.1 12.1



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

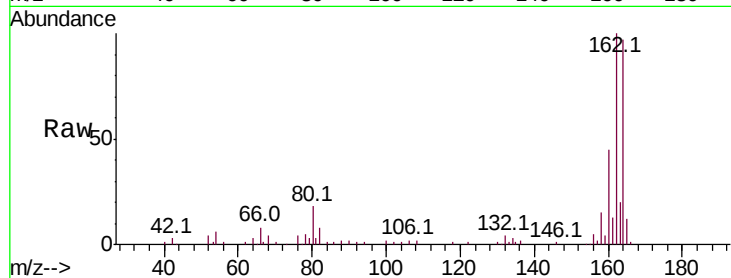




#57
 2,4-Dinitrotoluene
 Concen: 5.843 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110800.D
 Acq: 15 Nov 2018 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

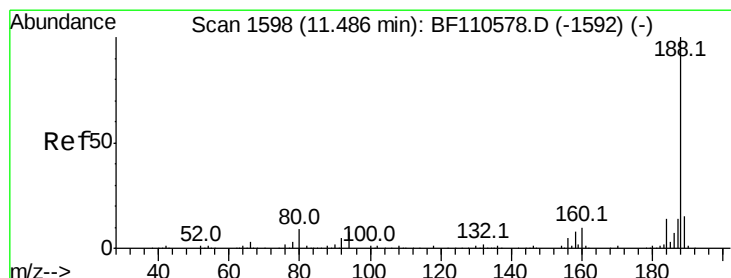
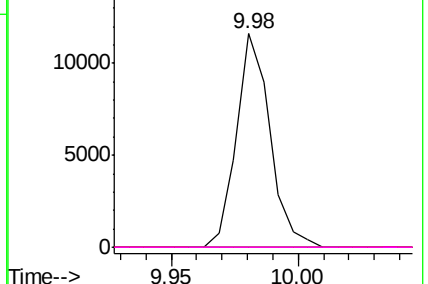
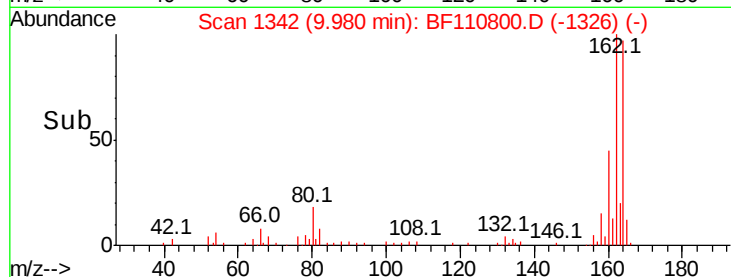


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

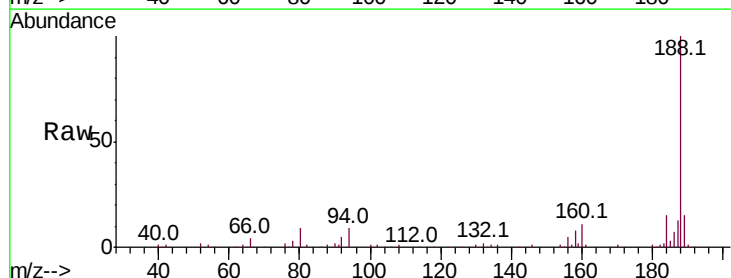
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110800.D
 Acq: 15 Nov 2018 20:40

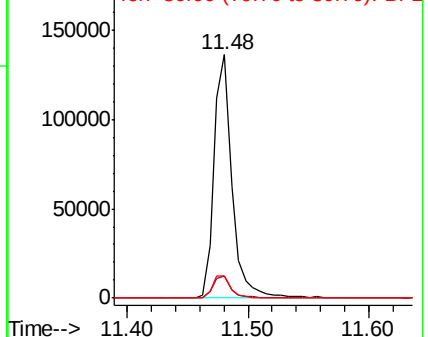
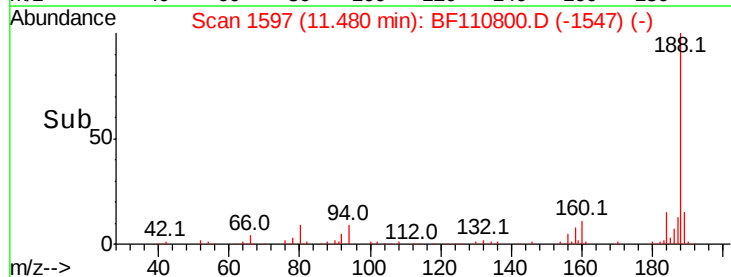
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.3	7.9	11.9

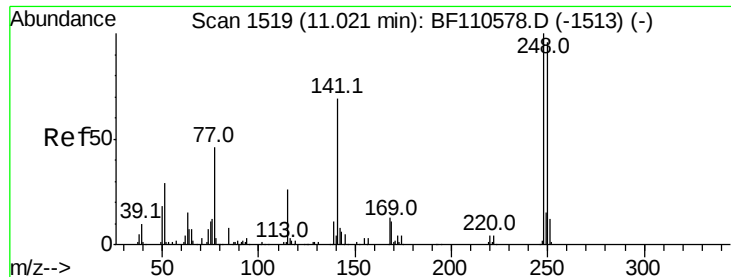


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

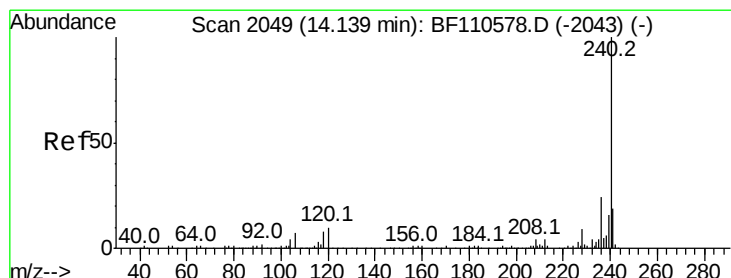
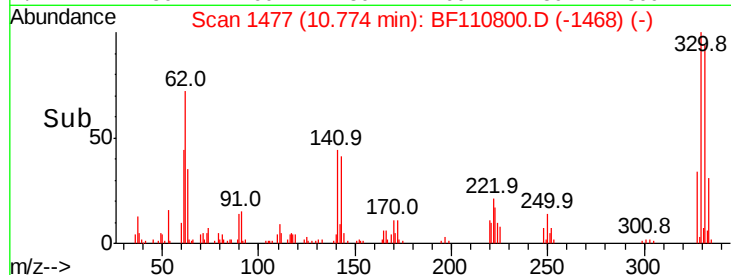
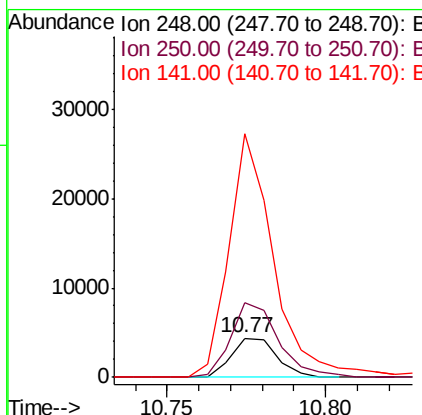
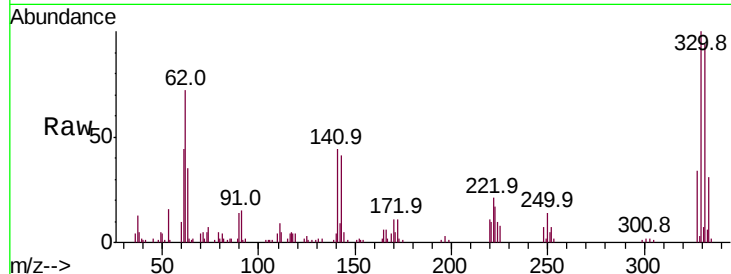




#67
 4-Bromophenyl-phenylether
 Concen: 2.824 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110800.D
 Acq: 15 Nov 2018 20:40

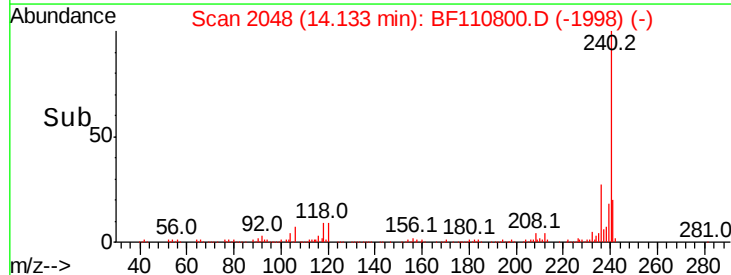
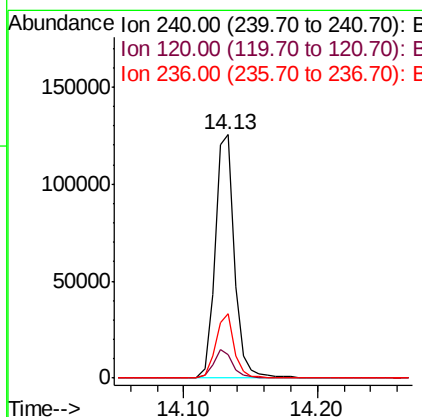
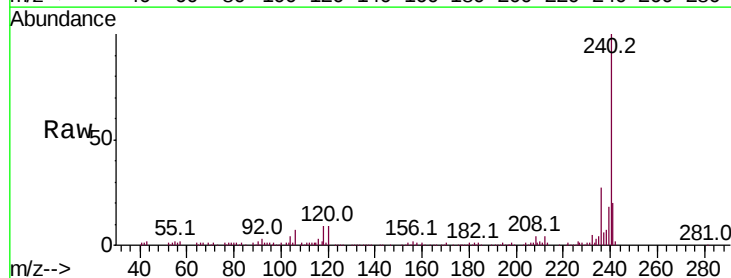
Instrument :
 BNA_F
 ClientSampleId :

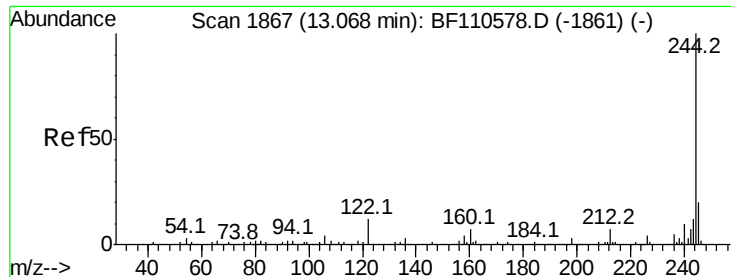
Tot Ion:248 Resp: 4339
 Ion Ratio Lower Upper
 248 100
 250 189.6 79.4 119.2#
 141 619.8 55.9 83.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110800.D
 Acq: 15 Nov 2018 20:40

Tgt Ion:240 Resp: 128647
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.3 12.5
 236 26.7 21.2 31.8





#79

Terphenyl-d14

Concen: 49.603 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110800.D

Acq: 15 Nov 2018 20:40

Instrument :

BNA_F

ClientSampleId :

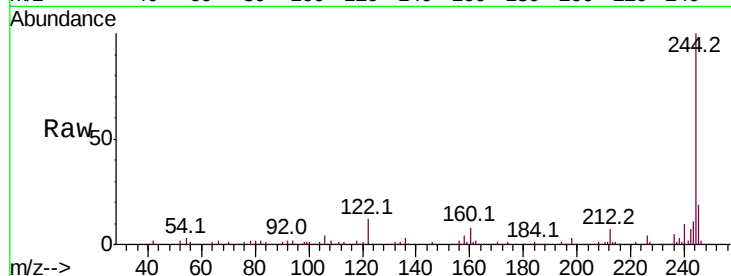
Tot Ion:244 Resp: 340742

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

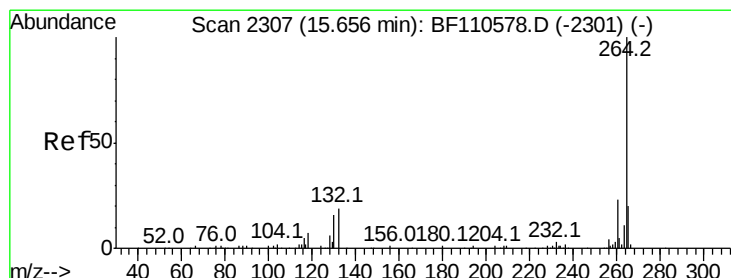
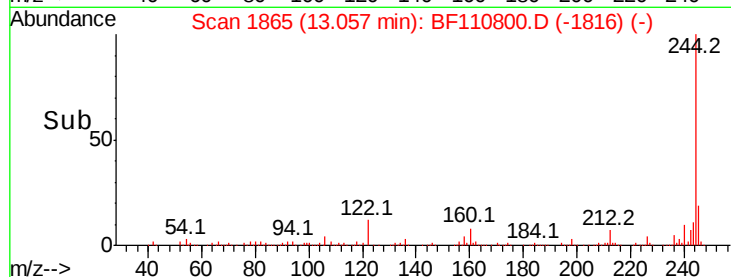
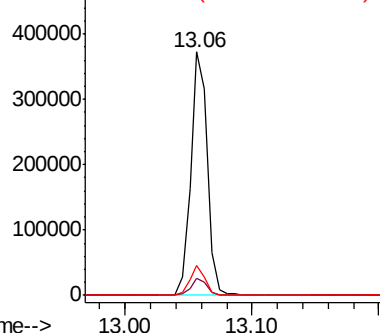
122 12.0 8.7 13.1



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: BF110800.D

Acq: 15 Nov 2018 20:40

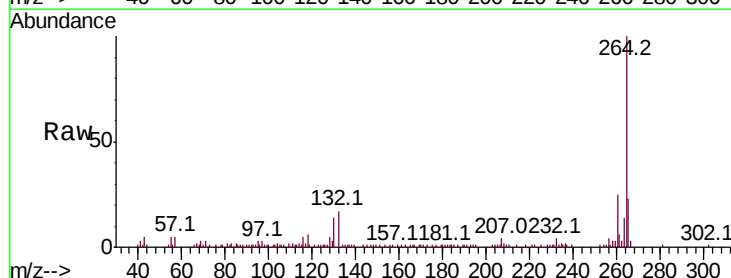
Tgt Ion:264 Resp: 91679

Ion Ratio Lower Upper

264 100

260 25.0 18.7 28.1

265 23.0 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

