

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110764.D
 Acq On : 14 Nov 2018 15:12
 Operator : JU/SJ
 Sample : J5911-07 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 16:19:09 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

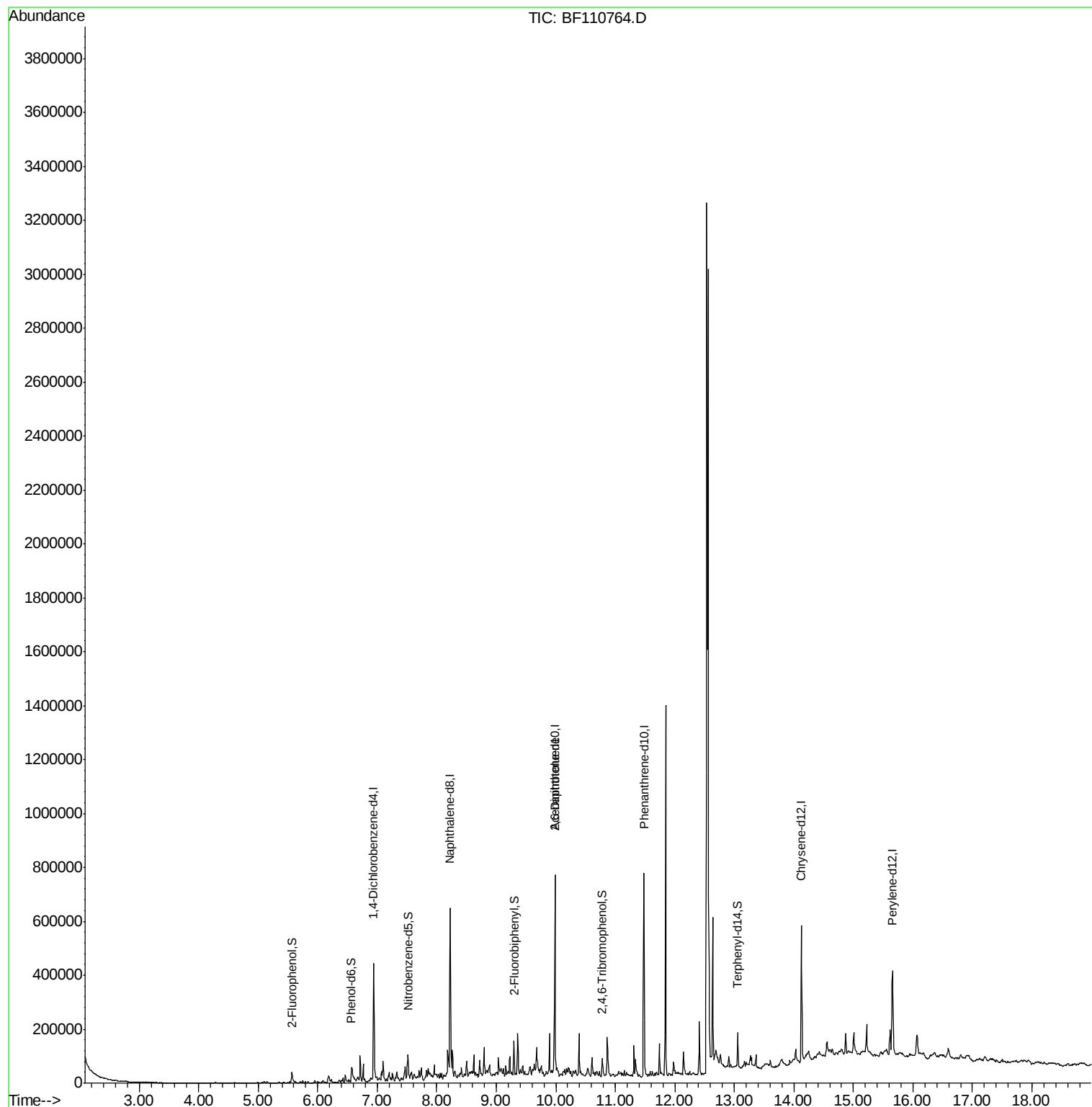
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70763	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	314468	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	155506	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	290859	20.00	ng	0.00
76) Chrysene-d12	14.13	240	166561	20.00	ng	-0.01
87) Perylene-d12	15.66	264	158470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	24772	5.69	ng	0.00
7) Phenol-d6	6.57	99	32311	5.80	ng	0.00
23) Nitrobenzene-d5	7.51	82	22820	4.18	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	8126	5.19	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	42093	3.87	ng	0.00
79) Terphenyl-d14	13.06	244	37895	4.26	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	112	Below Cal	#	1
51) 2,6-Dinitrotoluene	9.99	165	20649	8.090 ng	#	23

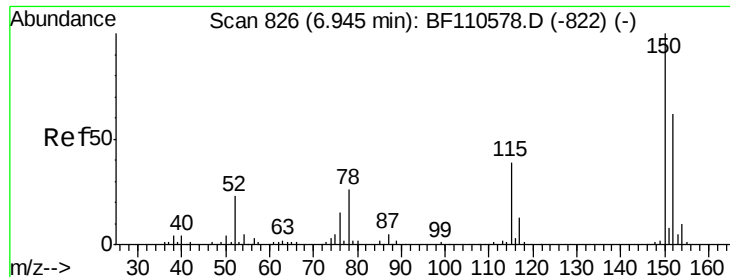
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110764.D
Acq On : 14 Nov 2018 15:12
Operator : JU/SJ
Sample : J5911-07 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 14 16:19:09 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



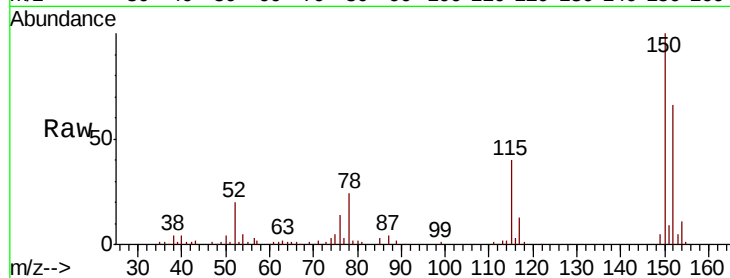


#1

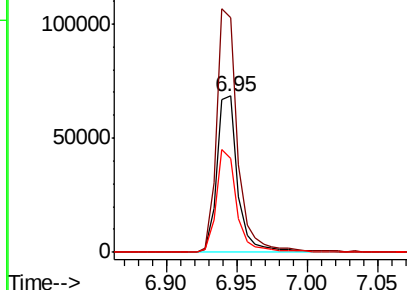
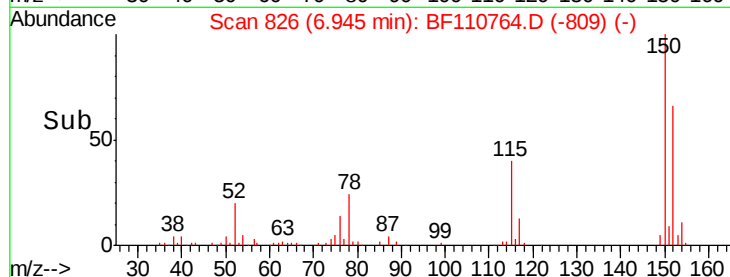
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110764.D
Acq: 14 Nov 2018 15:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 70763
Ion Ratio Lower Upper
152 100
150 150.5 122.7 184.1
115 59.9 49.1 73.7



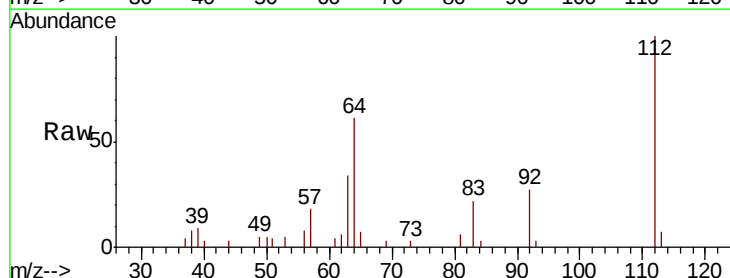
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



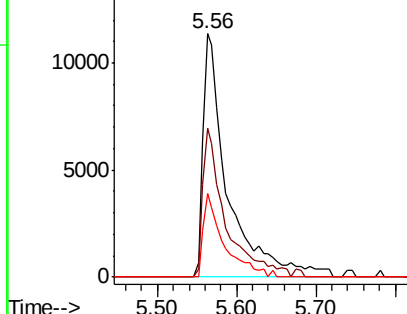
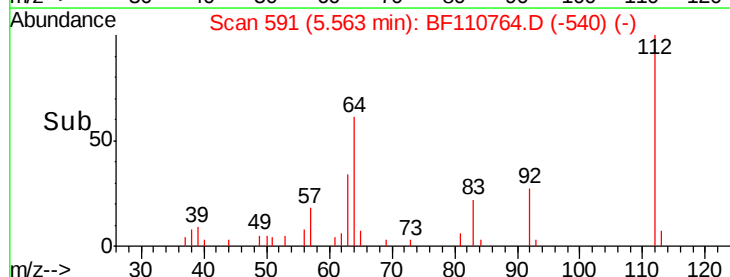
#5

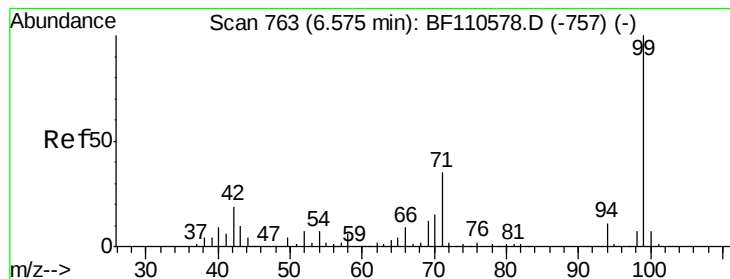
2-Fluorophenol
Concen: 5.686 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110764.D
Acq: 14 Nov 2018 15:12

Tgt Ion:112 Resp: 24772
Ion Ratio Lower Upper
112 100
64 61.3 44.1 66.1
63 34.1 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: 5.800 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110764.D

Acq: 14 Nov 2018 15:12

Instrument :

BNA_F

ClientSampled :

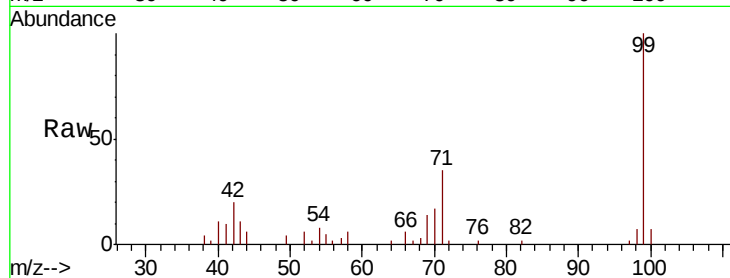
Tot Ion: 99 Resp: 32311

Ion Ratio Lower Upper

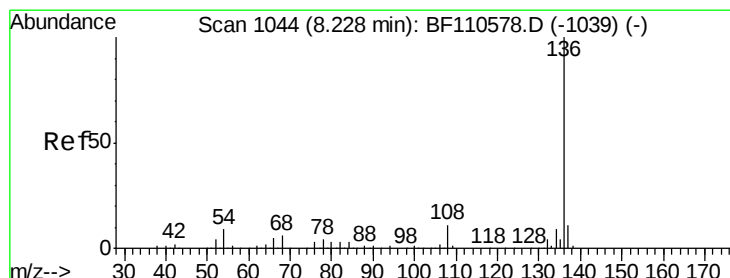
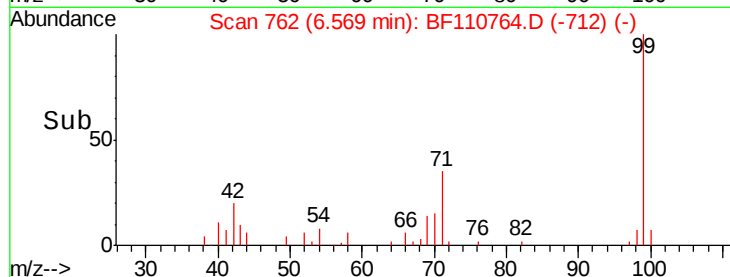
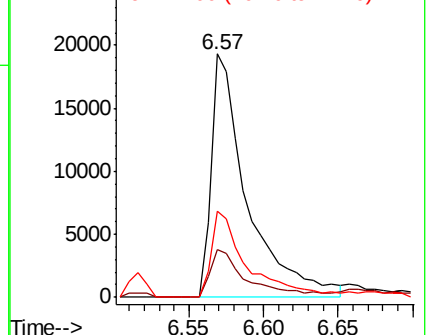
99 100

42 19.7 15.8 23.6

71 35.2 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: BF110764.D

Acq: 14 Nov 2018 15:12

Tgt Ion: 136 Resp: 314468

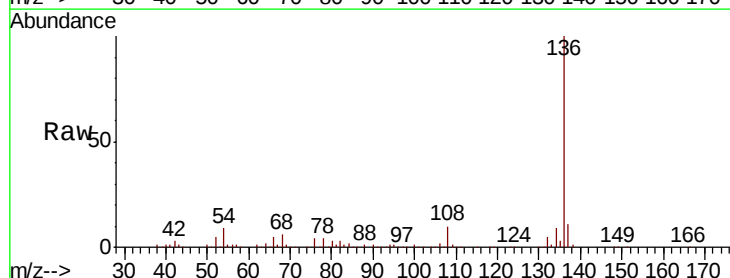
Ion Ratio Lower Upper

136 100

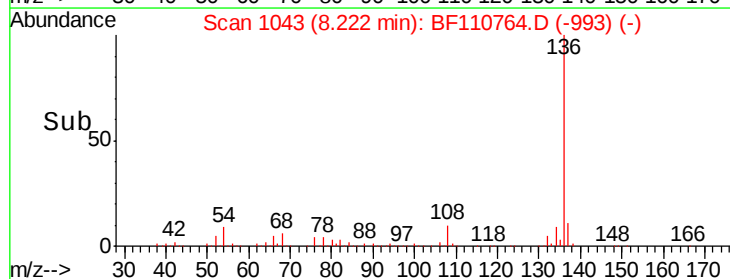
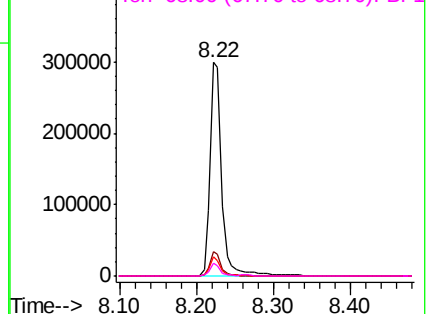
137 11.4 8.8 13.2

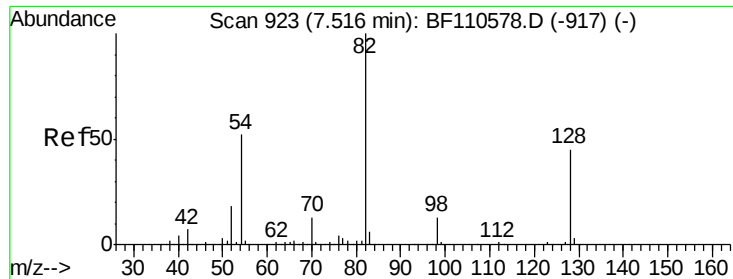
54 8.9 5.4 8.2#

68 6.3 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

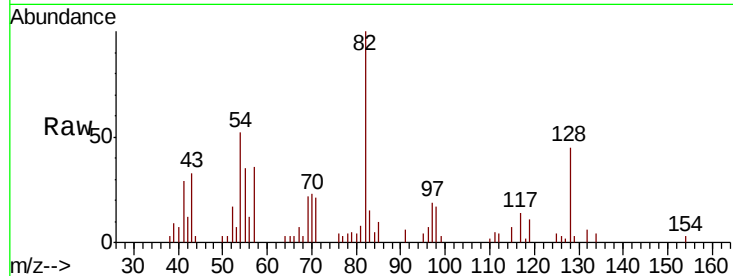




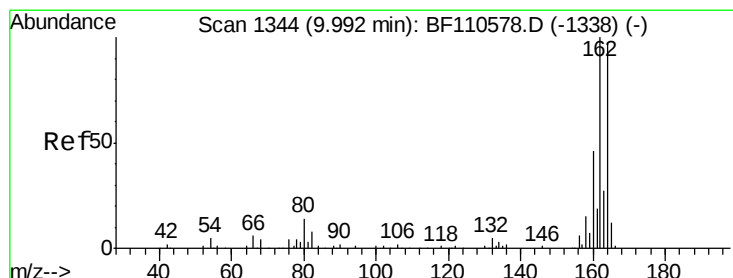
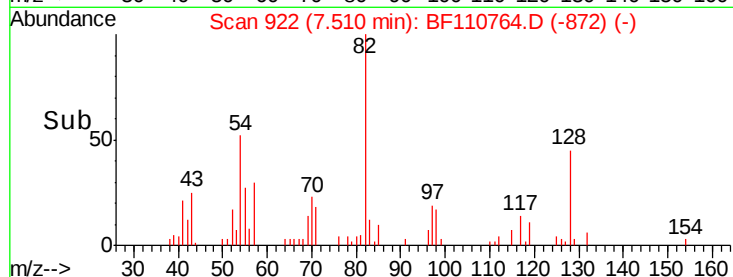
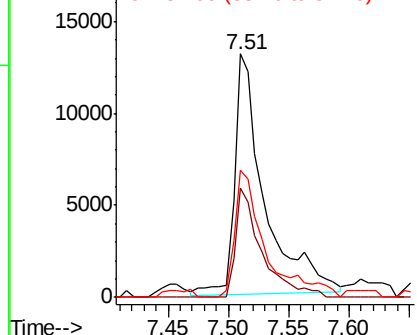
#23
 Nitrobenzene-d5
 Concen: 4.179 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110764.D
 Acq: 14 Nov 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	22820
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.2	51.2
54	52.2	38.6	58.0

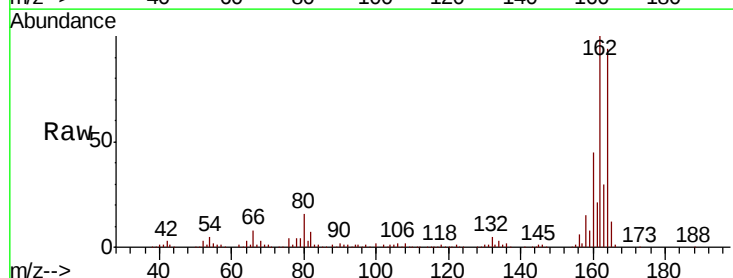


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

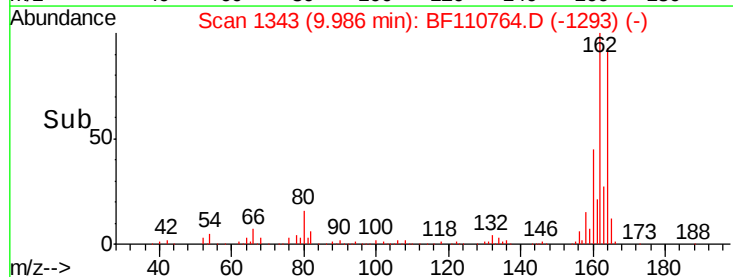
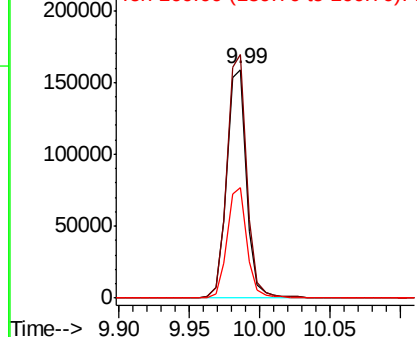


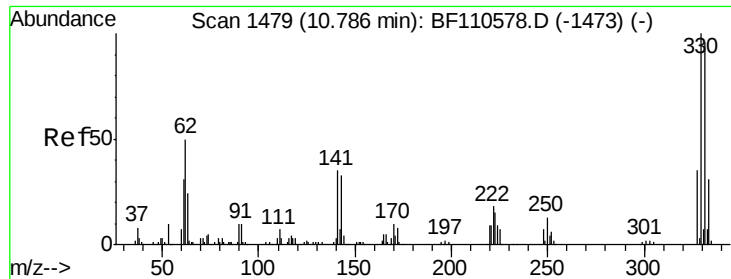
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110764.D
 Acq: 14 Nov 2018 15:12

Tgt Ion	164	Resp	155506
Ion Ratio	Lower	Upper	
164	100		
162	106.6	83.0	124.6
160	48.2	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

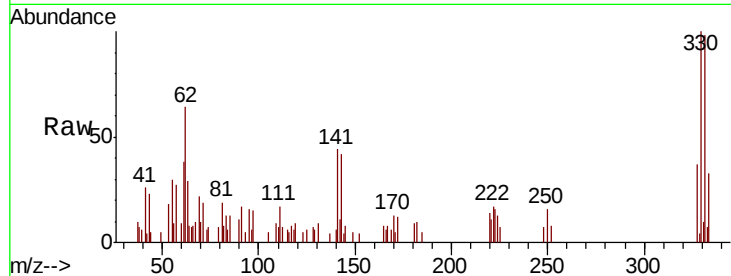




#42
 2,4,6-Tribromophenol
 Concen: 5.186 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110764.D
 Acq: 14 Nov 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	52.1	27.0	40.4

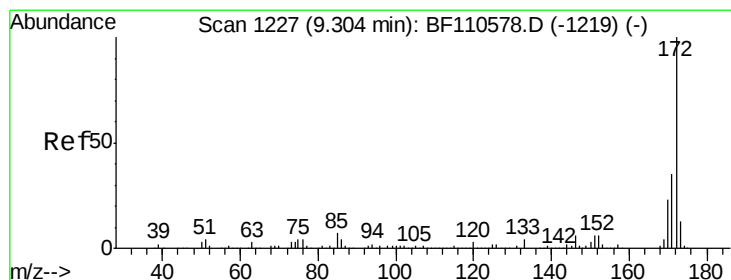
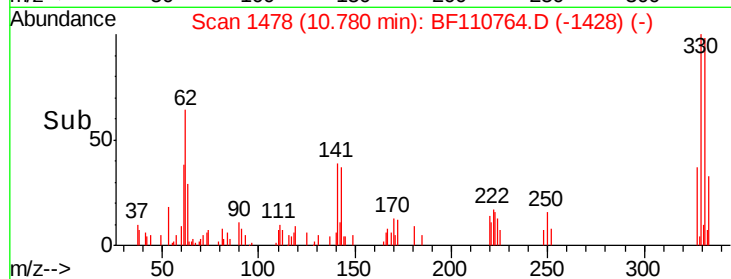
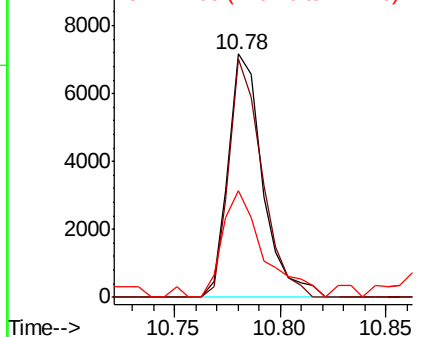


Abundance

Ion 329.80 (329.50 to 330.50): E

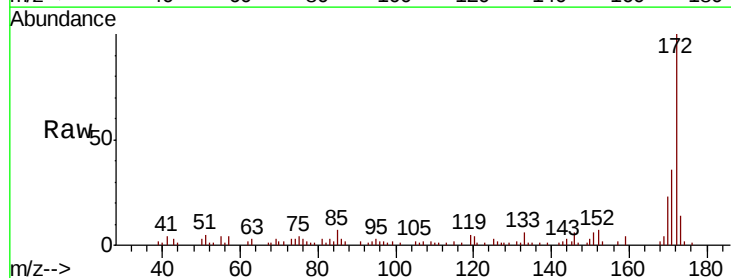
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 3.866 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110764.D
 Acq: 14 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	22.9	19.7	29.5

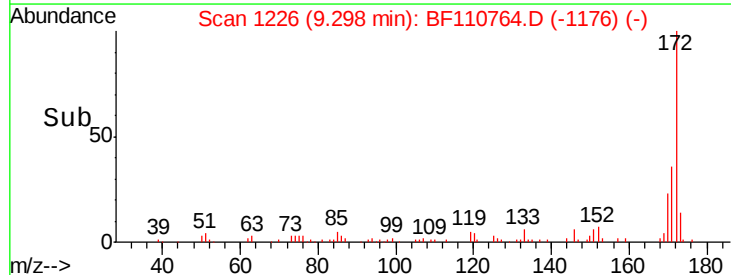
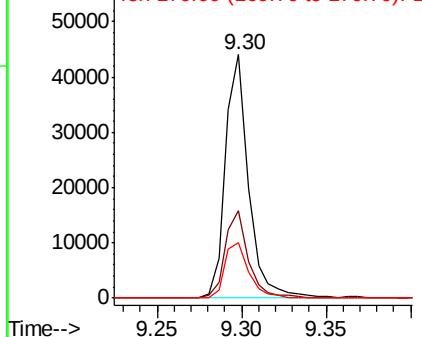


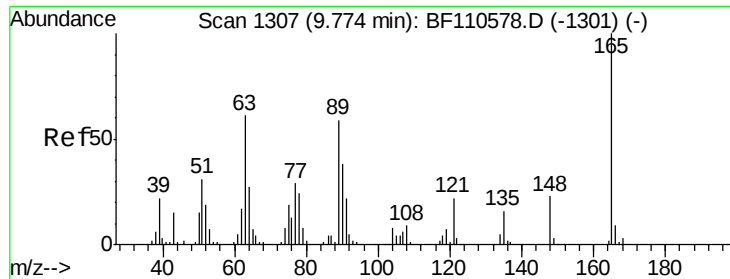
Abundance

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

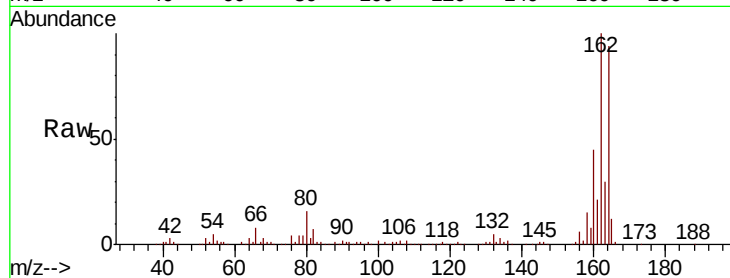




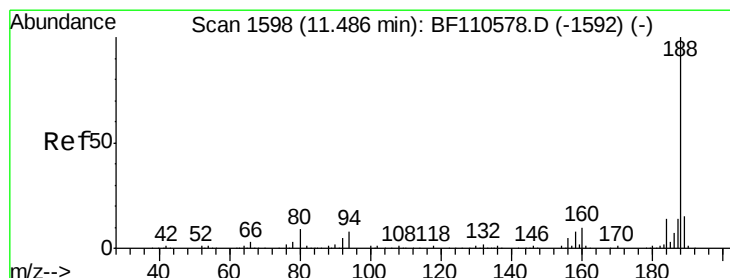
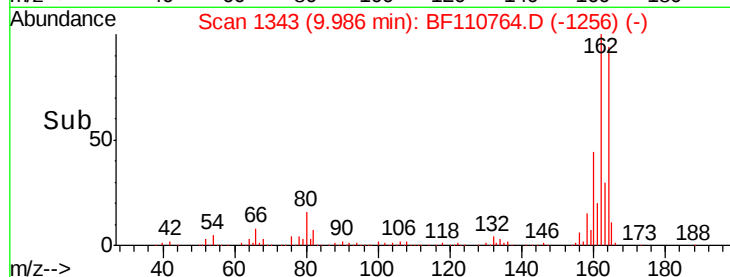
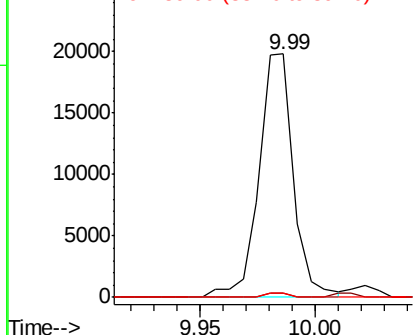
#51
 2,6-Dinitrotoluene
 Concen: 8.090 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110764.D
 Acq: 14 Nov 2018 15:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 20649
 Ion Ratio Lower Upper
 165 100
 63 1.9 48.9 73.3#
 89 1.9 46.6 69.8#

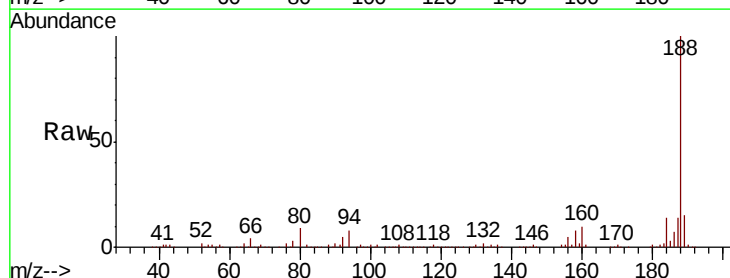


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

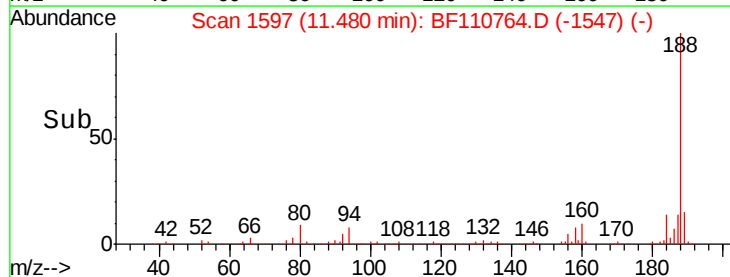
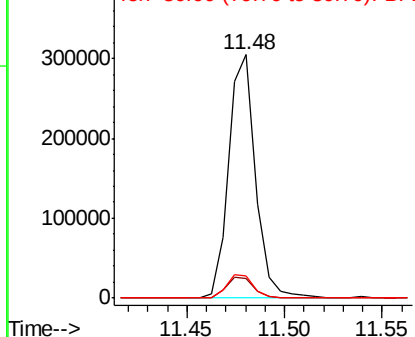


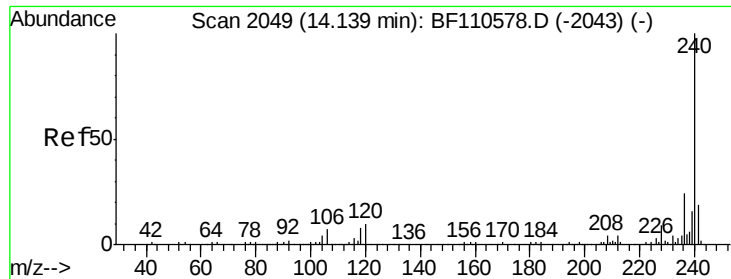
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110764.D
 Acq: 14 Nov 2018 15:12

Tgt Ion:188 Resp: 290859
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.2 10.8
 80 9.0 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

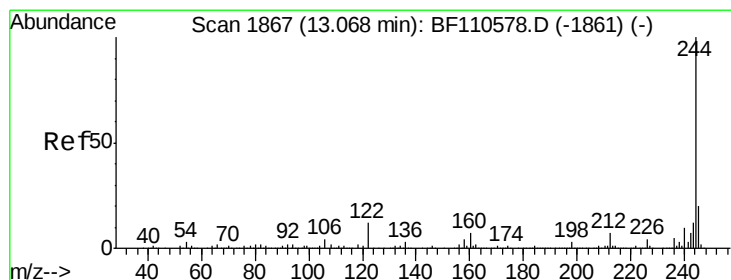
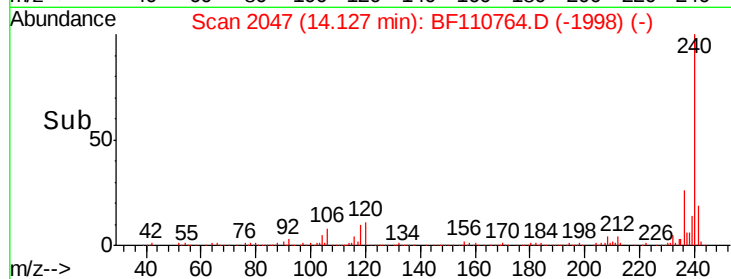
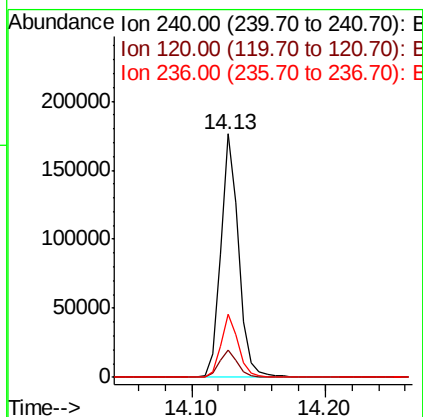
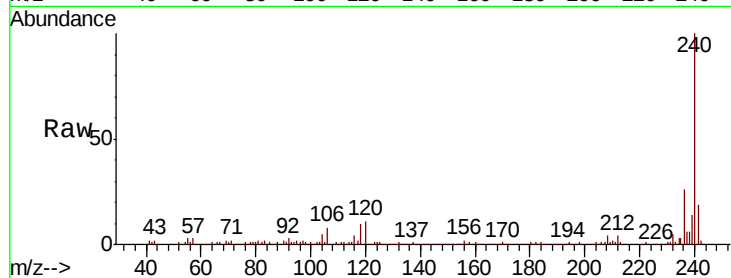




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110764.D
Acq: 14 Nov 2018 15:12

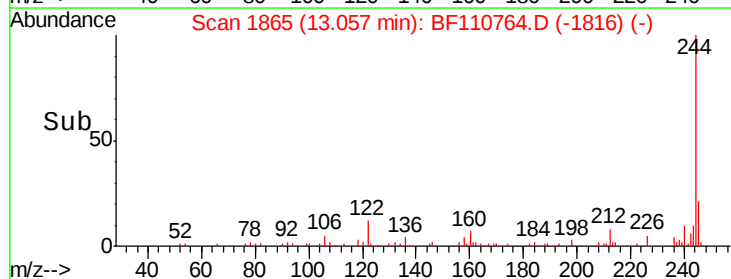
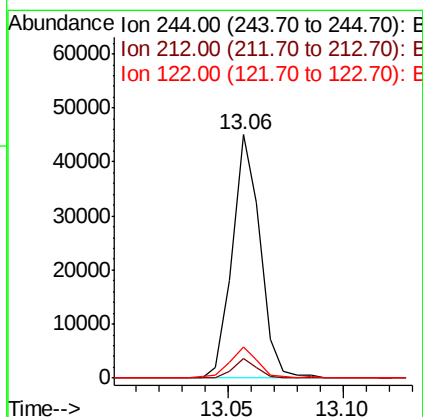
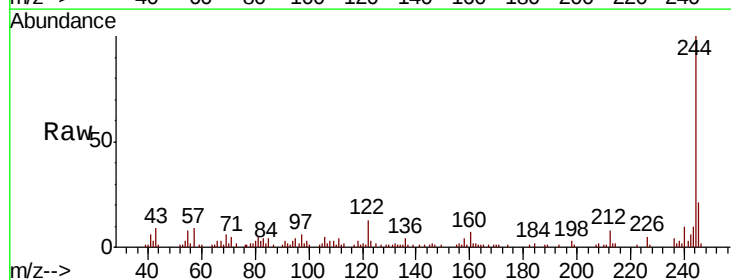
Instrument :
BNA_F
ClientSampleId :

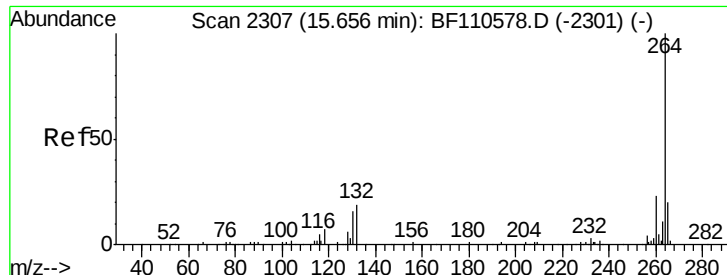
Tot Ion:240 Resp: 166561
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 4.261 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110764.D
Acq: 14 Nov 2018 15:12

Tgt Ion:244 Resp: 37895
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 12.9 8.7 13.1



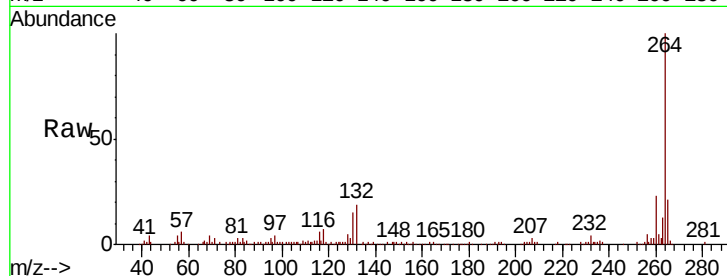


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110764.D
Acq: 14 Nov 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 158470

Ion	Ratio	Lower	Upper
264	100		
260	23.4	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

