

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111013.D
 Acq On : 27 Nov 2018 16:51
 Operator : JU/SJ
 Sample : J6060-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 17:29:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

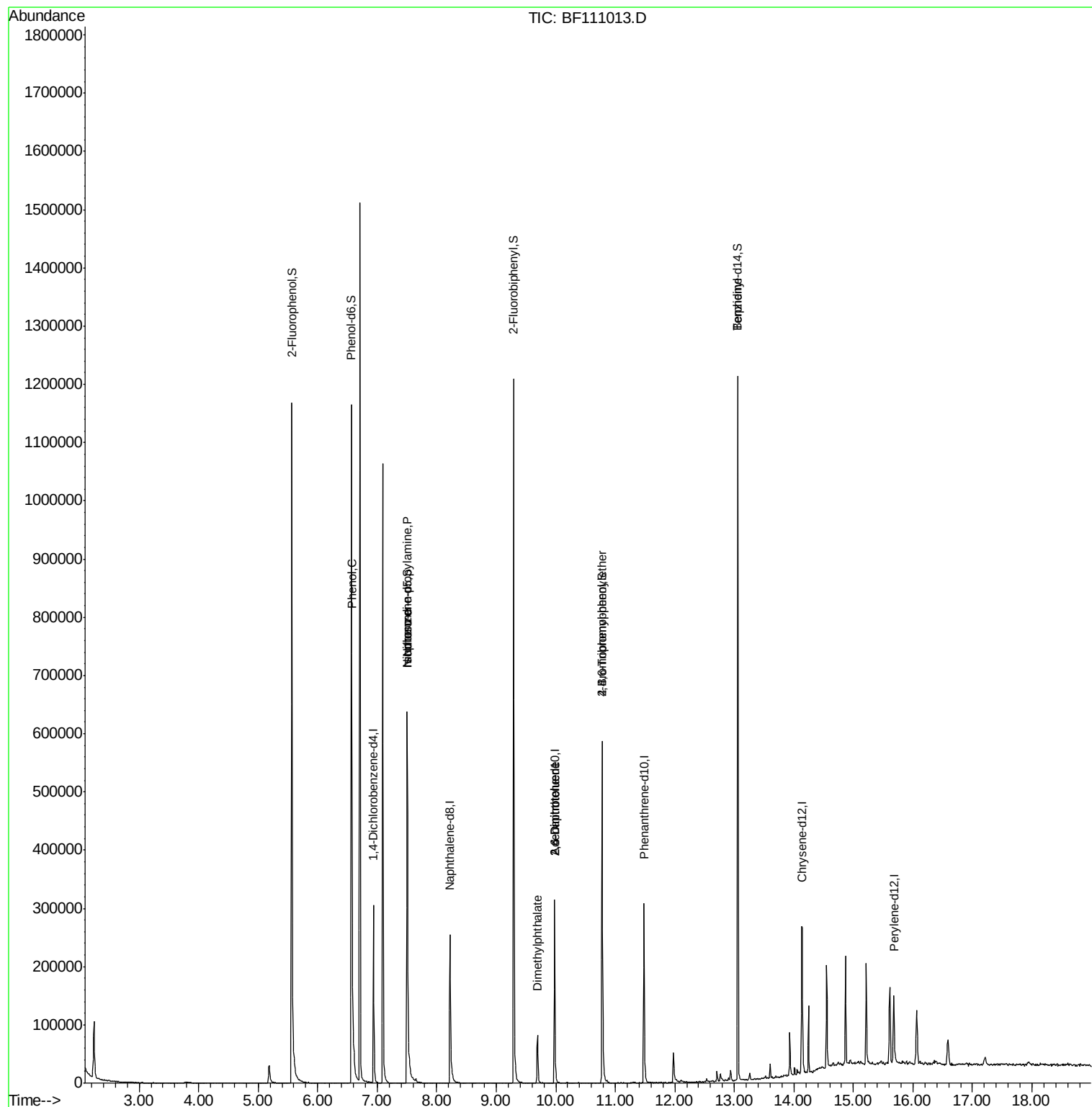
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	46799	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	168215	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	68000	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	135192	20.00	ng	0.00
76) Chrysene-d12	14.14	240	105271	20.00	ng	0.00
87) Perylene-d12	15.68	264	67593	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	363342	128.75	ng	0.01
7) Phenol-d6	6.57	99	430343	117.02	ng	0.00
23) Nitrobenzene-d5	7.50	82	257656	87.66	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	85380	126.43	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	398334	84.87	ng	0.00
79) Terphenyl-d14	13.06	244	412705	76.32	ng	0.00
Target Compounds						
10) Phenol	6.58	94	22915	5.533	ng	79
19) n-Nitroso-di-n-propylamine	7.50	70	32468	13.553	ng	# 80
25) Isophorone	7.50	82	257656	53.440	ng	# 67
50) Dimethylphthalate	9.69	163	46018	9.227	ng	100
51) 2,6-Dinitrotoluene	9.98	165	8517	7.671	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	8517	5.913	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	5377	3.652	ng	# 1
77) Benzidine	13.06	184	5690	2.113	ng	# 95

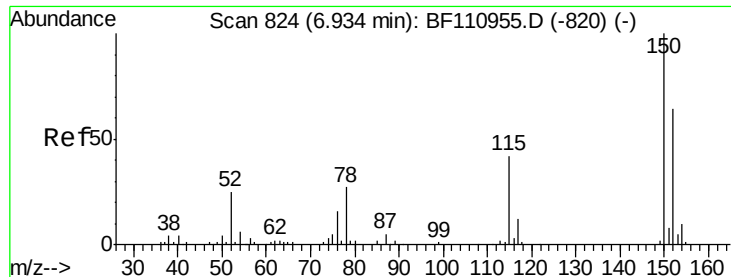
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111013.D
Acq On : 27 Nov 2018 16:51
Operator : JU/SJ
Sample : J6060-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 27 17:29:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration



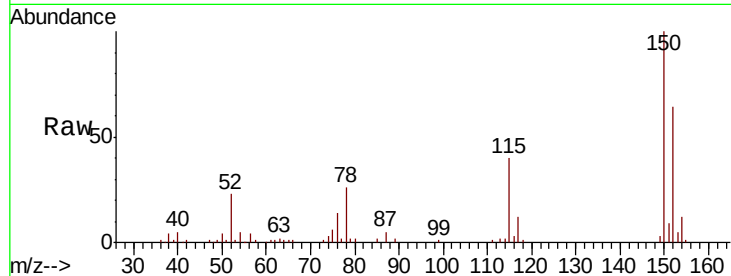


#1

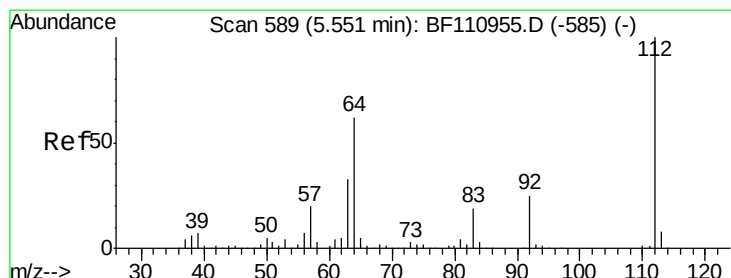
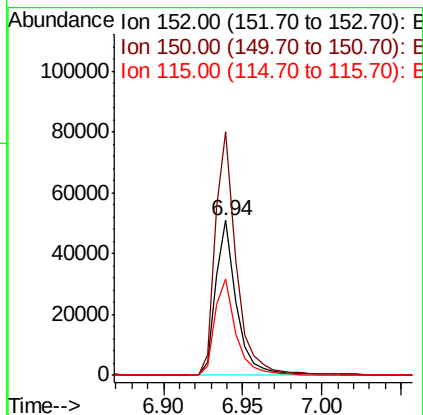
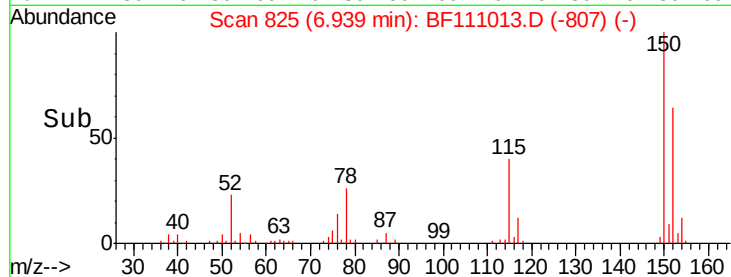
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46799
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 62.4 49.1 73.7



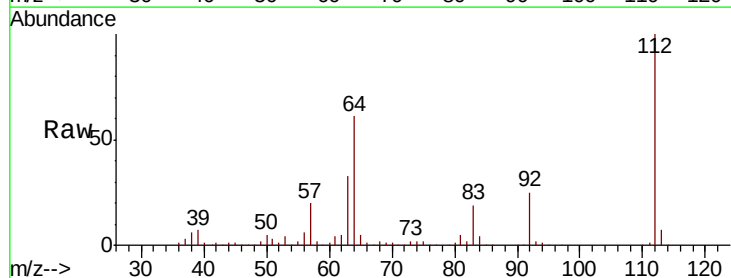
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



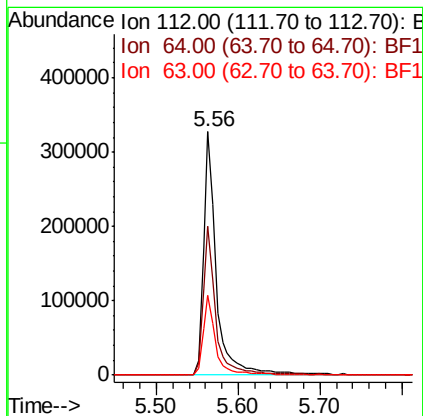
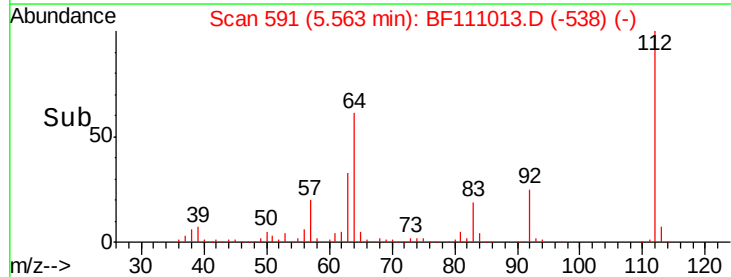
#5

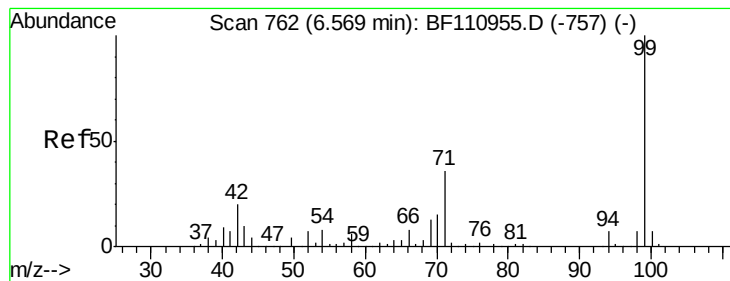
2-Fluorophenol
Concen: 128.750 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Tgt Ion:112 Resp: 363342
Ion Ratio Lower Upper
112 100
64 61.4 44.1 66.1
63 32.6 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: 117.016 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

Instrument :

BNA_F

ClientSampled :

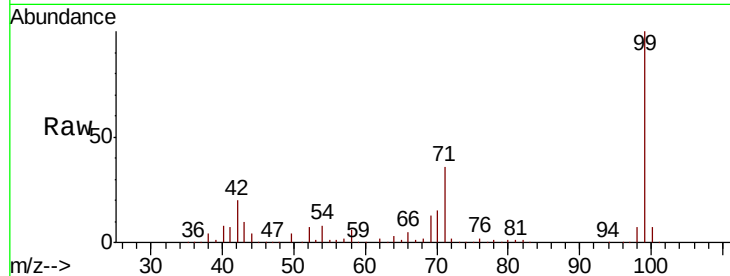
Tot Ion: 99 Resp: 430343

Ion Ratio Lower Upper

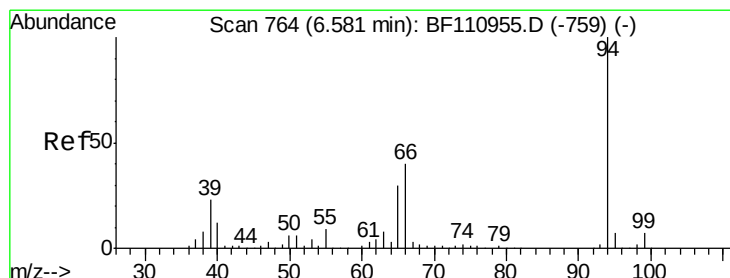
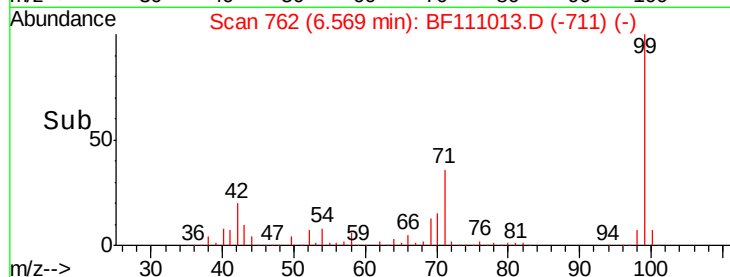
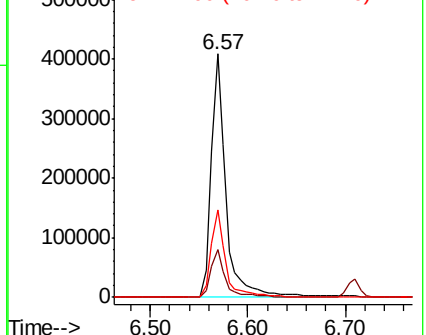
99 100

42 19.5 15.8 23.6

71 36.1 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: 5.533 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

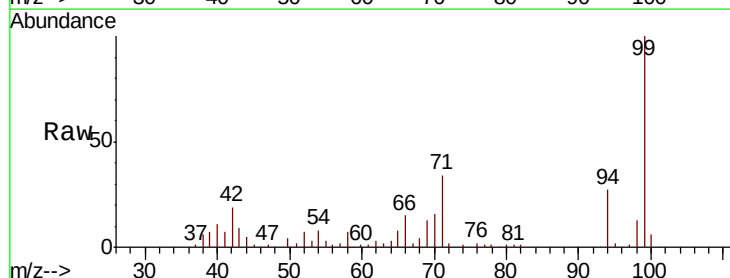
Tgt Ion: 94 Resp: 22915

Ion Ratio Lower Upper

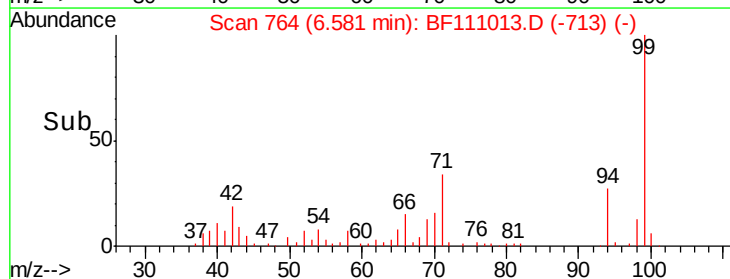
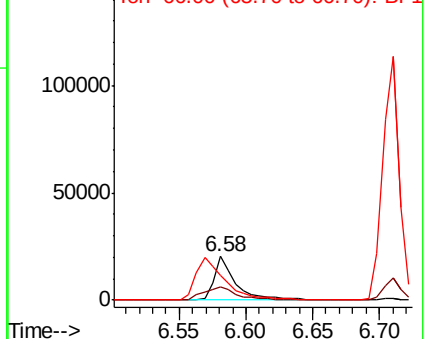
94 100

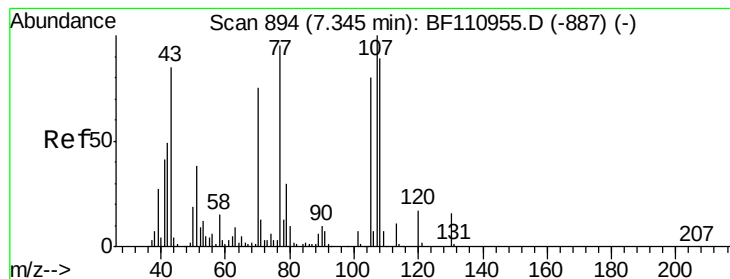
65 31.3 25.3 65.3

66 57.0 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: 13.553 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.16 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 32468

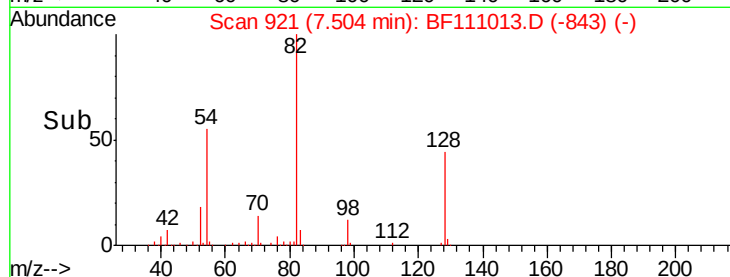
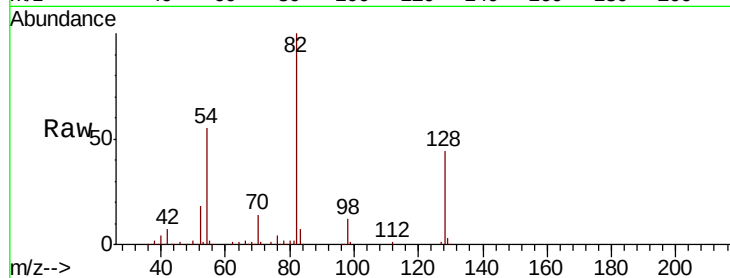
Ion Ratio Lower Upper

70 100

42 50.2 47.4 71.2

101 0.0 7.3 10.9#

130 1.3 16.2 24.2#

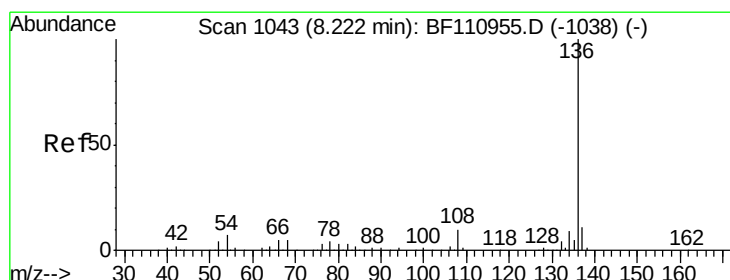
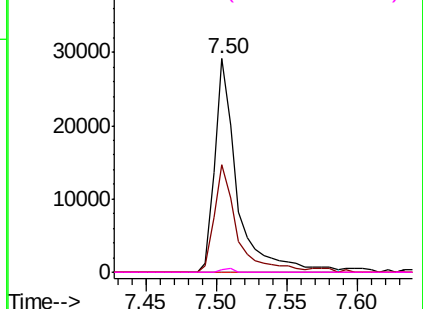


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

Tgt Ion: 136 Resp: 168215

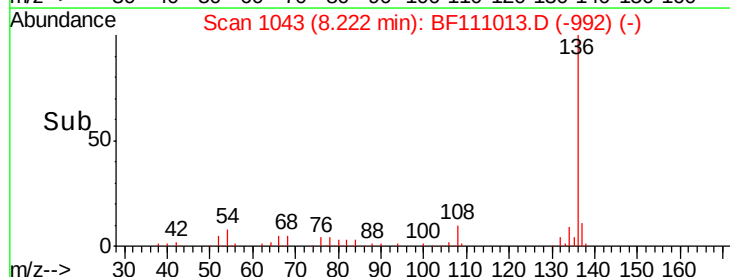
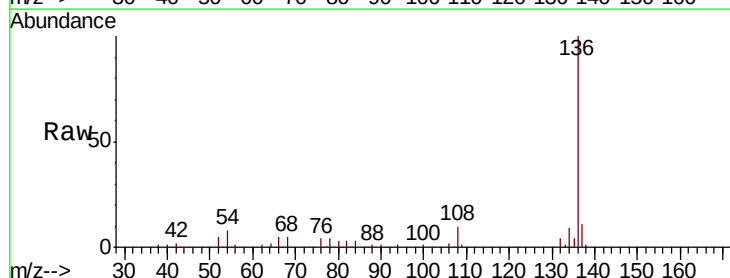
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.3 5.4 8.2#

68 4.7 4.2 6.2

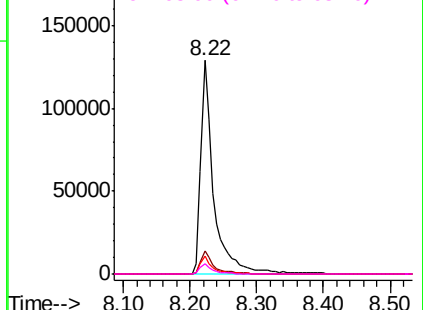


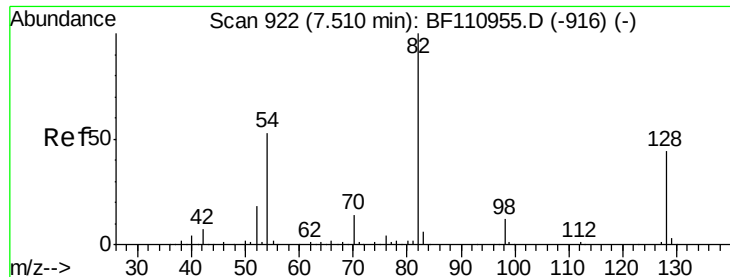
Abundance Ion 136.00 (135.70 to 136.70): E

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

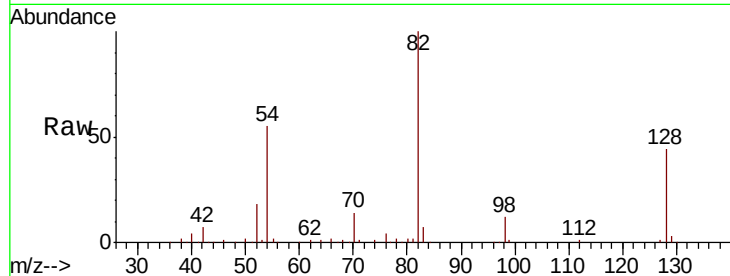




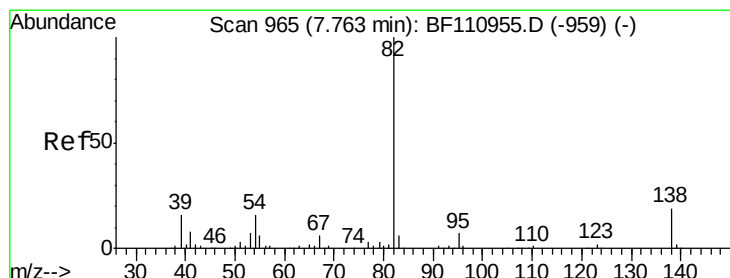
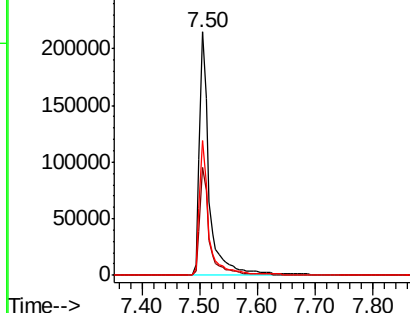
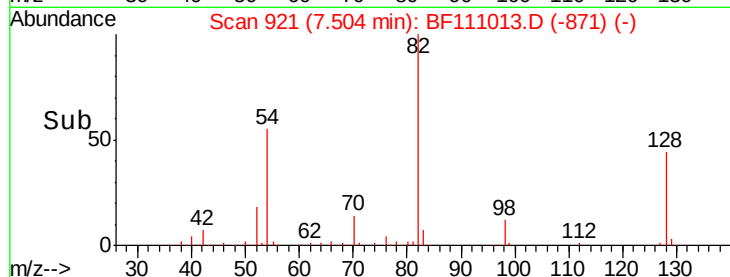
#23
 Nitrobenzene-d5
 Concen: 87.661 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111013.D
 Acq: 27 Nov 2018 16:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	257656
Ion Ratio	100	Lower	Upper
128	44.3	34.2	51.2
54	55.2	38.6	58.0

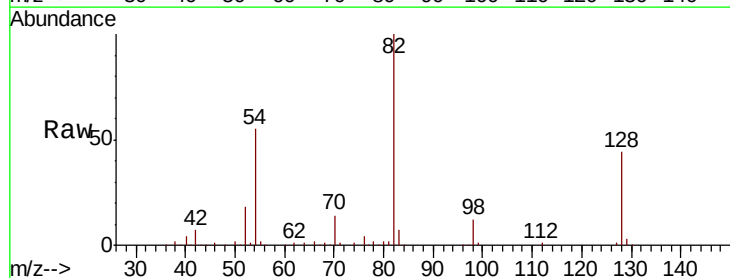


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

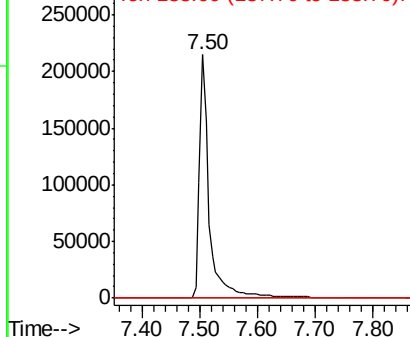
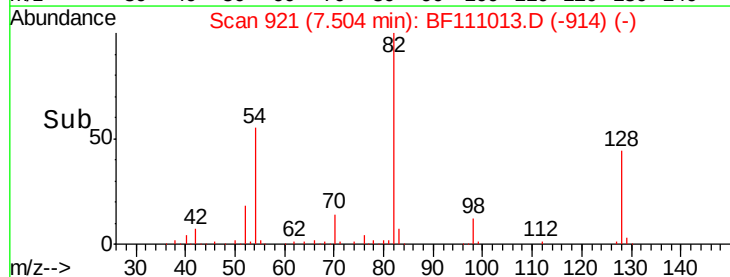


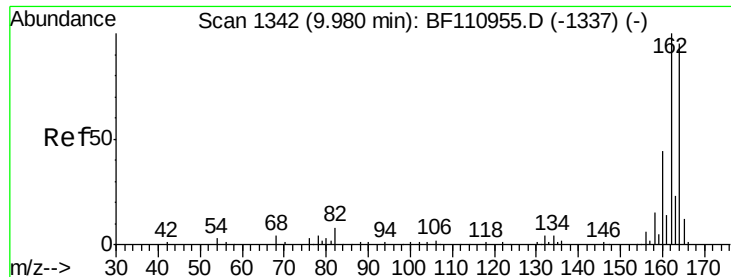
#25
 Isophorone
 Concen: 53.440 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF111013.D
 Acq: 27 Nov 2018 16:51

Tgt Ion	82	Resp	257656
Ion Ratio	100	Lower	Upper
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

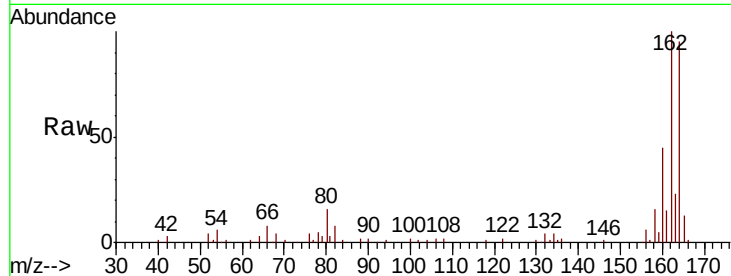




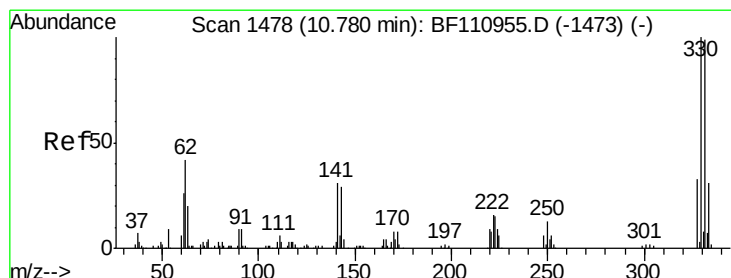
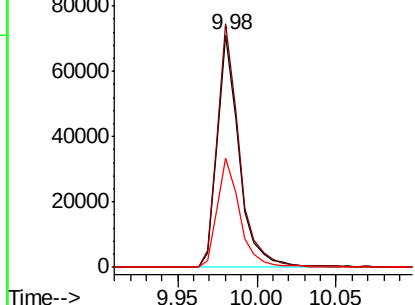
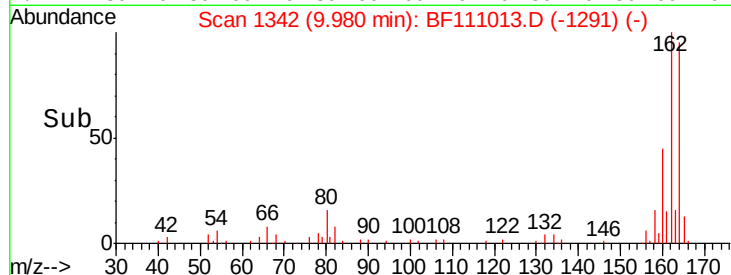
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF111013.D
 Acq: 27 Nov 2018 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 68000
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.0 124.6
 160 47.0 37.0 55.6

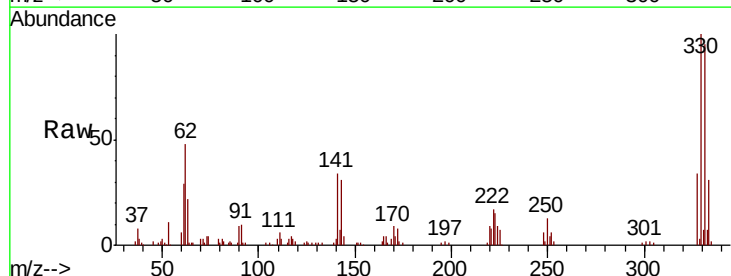


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

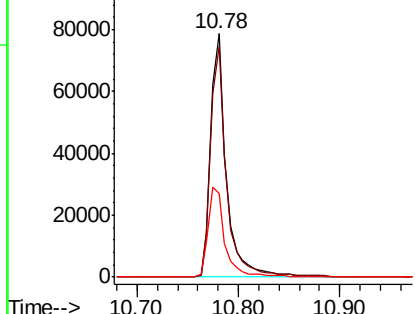
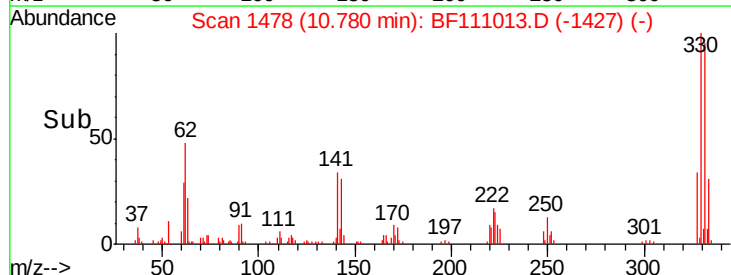


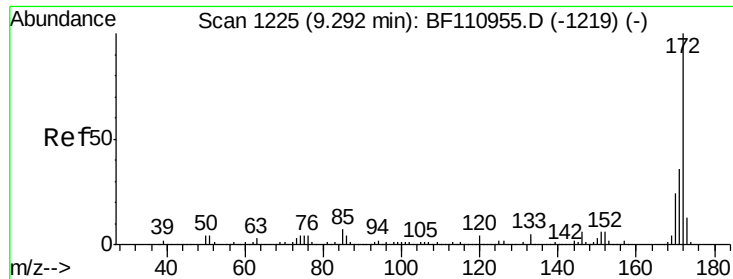
#42
 2,4,6-Tribromophenol
 Concen: 126.427 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111013.D
 Acq: 27 Nov 2018 16:51

Tgt Ion:330 Resp: 85380
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 38.8 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

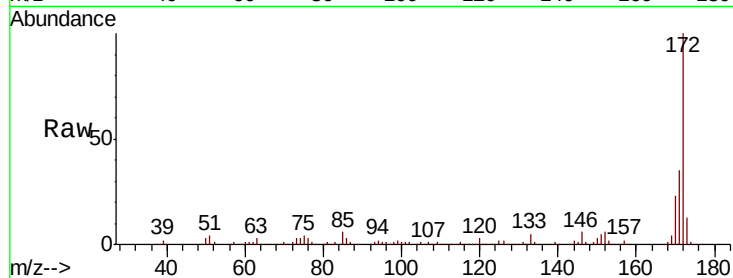




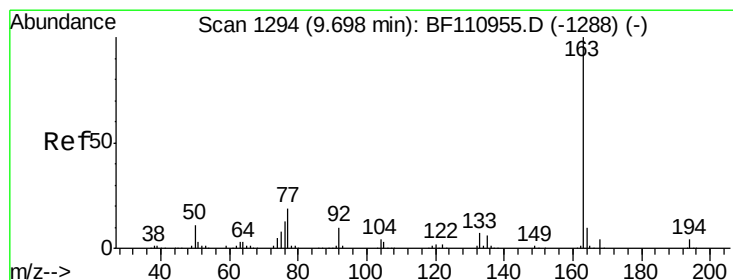
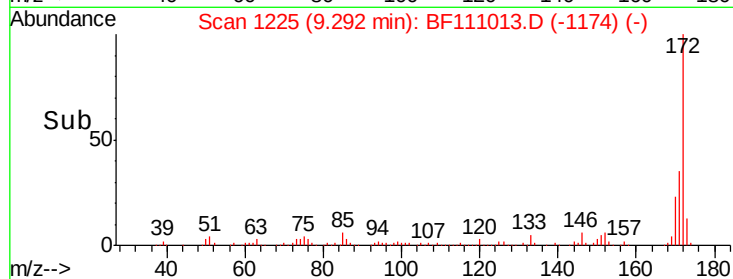
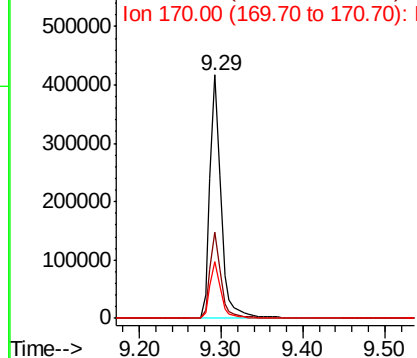
#45
2-Fluorobiphenyl
Concen: 84.867 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 398334
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.3 19.7 29.5

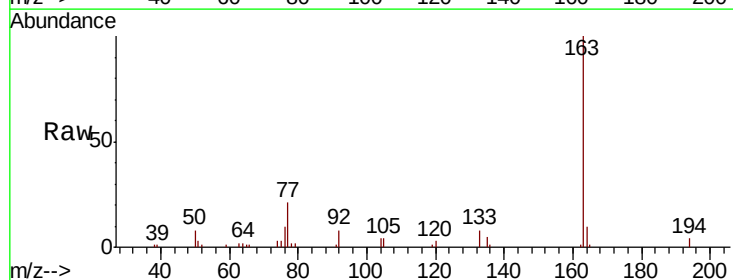


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

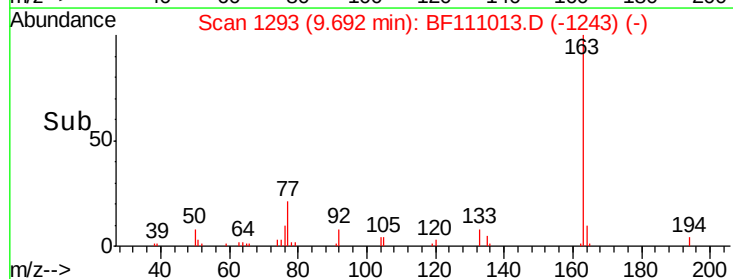
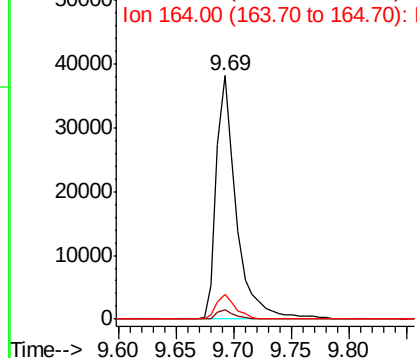


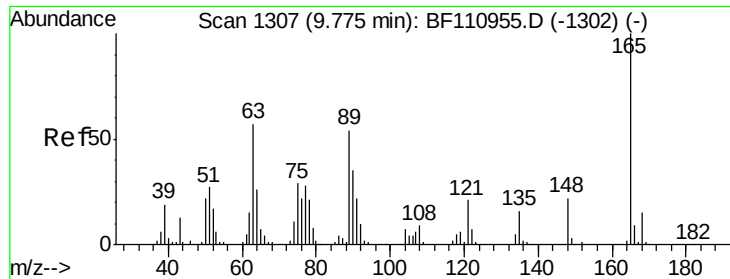
#50
Dimethylphthalate
Concen: 9.227 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Tgt Ion:163 Resp: 46018
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 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

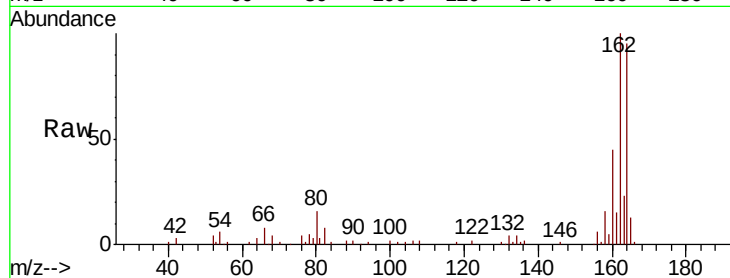




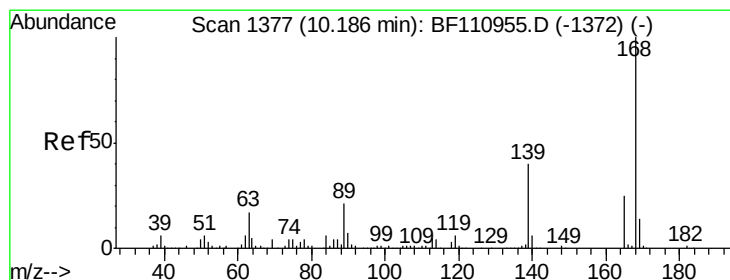
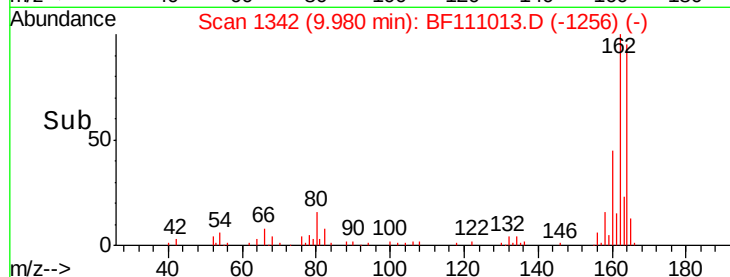
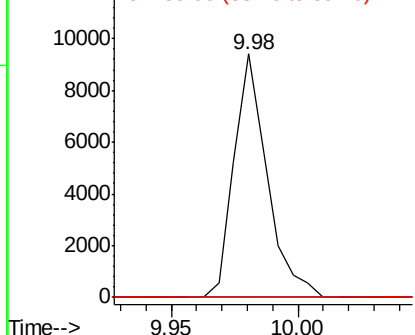
#51
 2,6-Dinitrotoluene
 Concen: 7.671 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF111013.D
 Acq: 27 Nov 2018 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



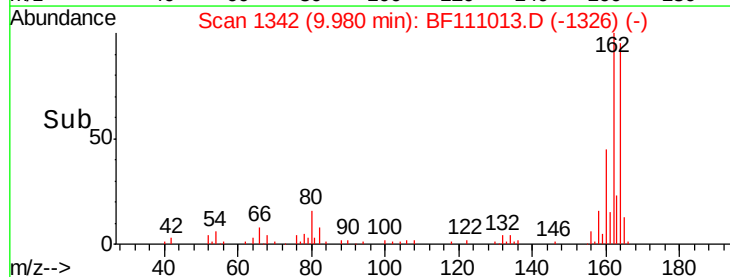
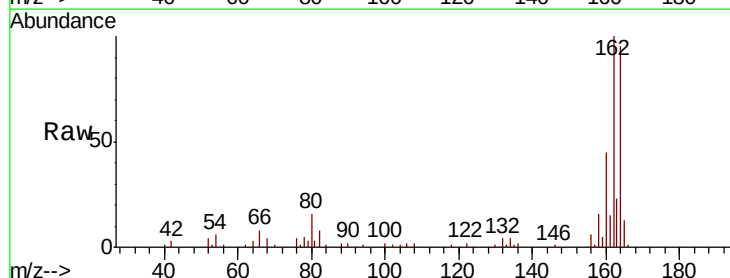
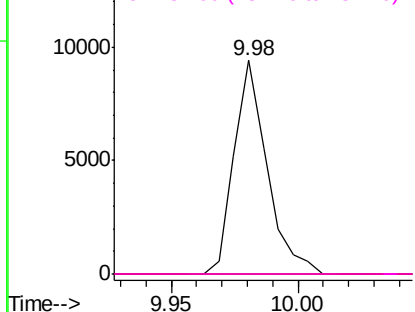
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

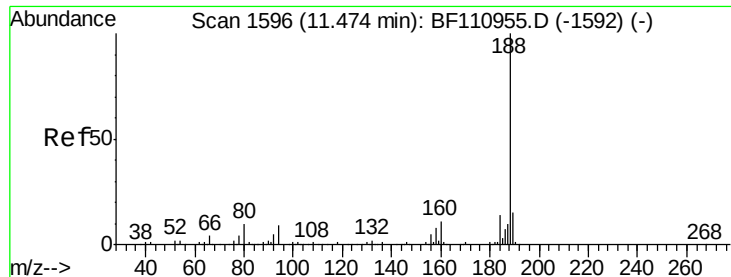


#57
 2,4-Dinitrotoluene
 Concen: 5.913 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF111013.D
 Acq: 27 Nov 2018 16:51

Tgt 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

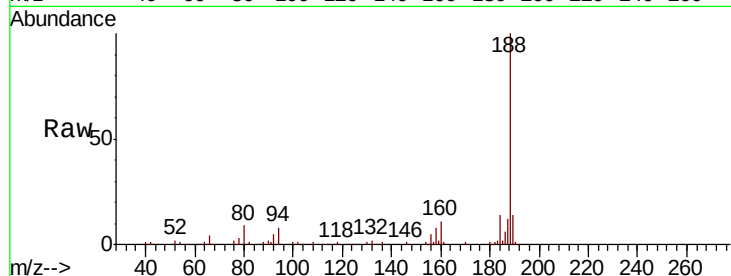




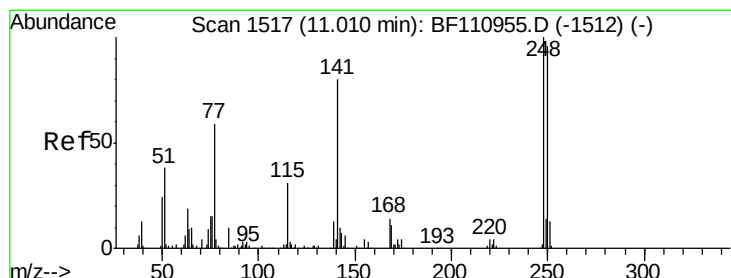
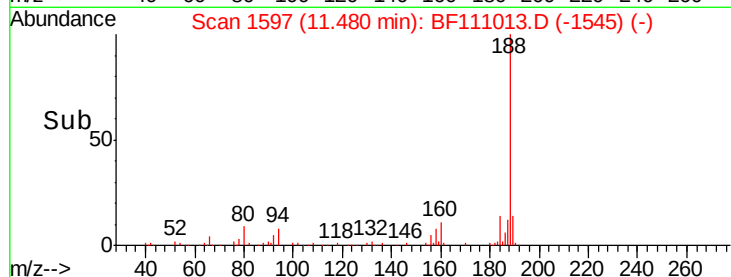
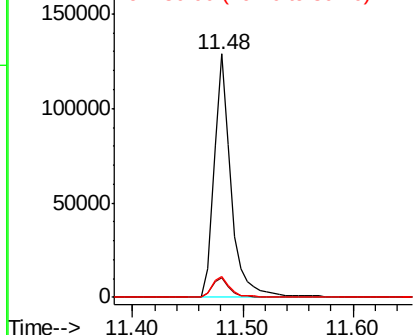
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 135192
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.5 7.9 11.9

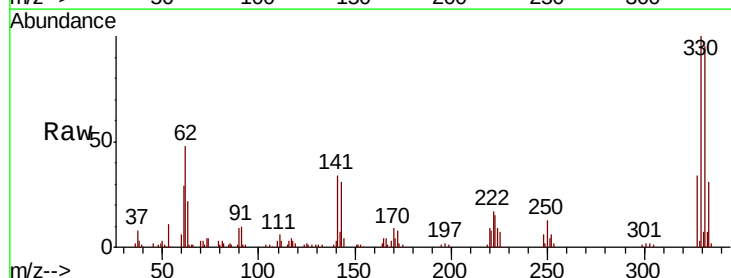


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

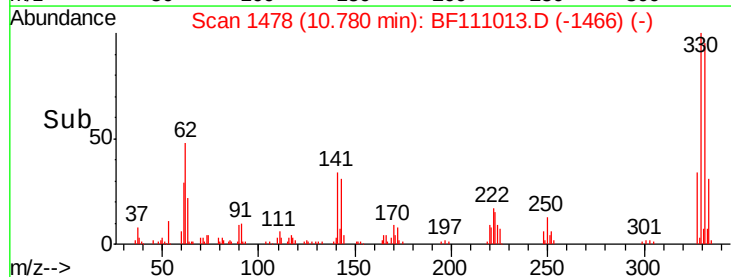
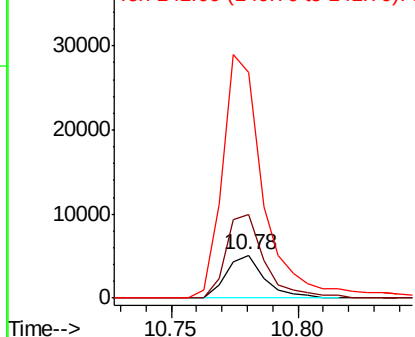


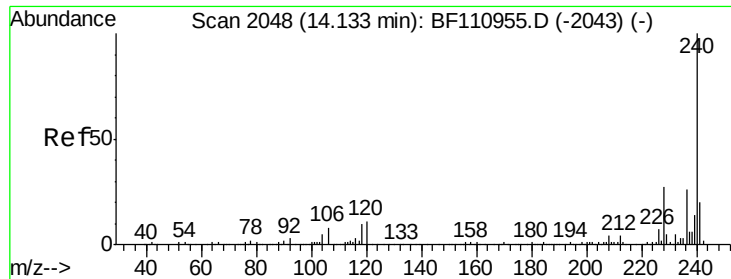
#67
4-Bromophenyl-phenylether
Concen: 3.652 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.23 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Tgt Ion:248 Resp: 5377
Ion Ratio Lower Upper
248 100
250 194.5 79.4 119.2#
141 527.8 55.9 83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

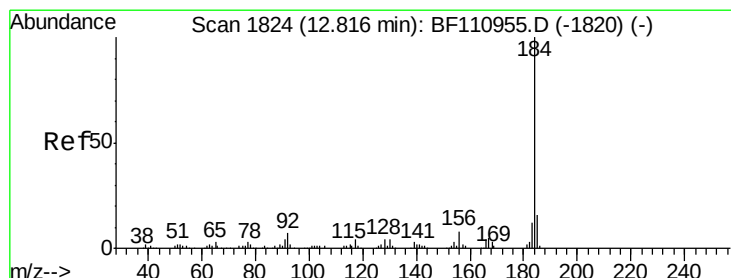
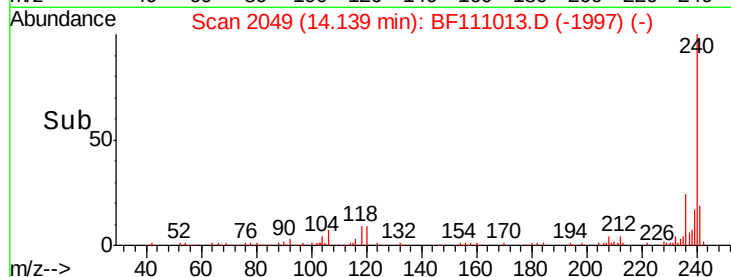
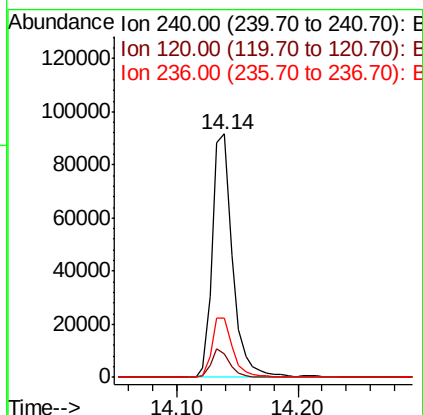
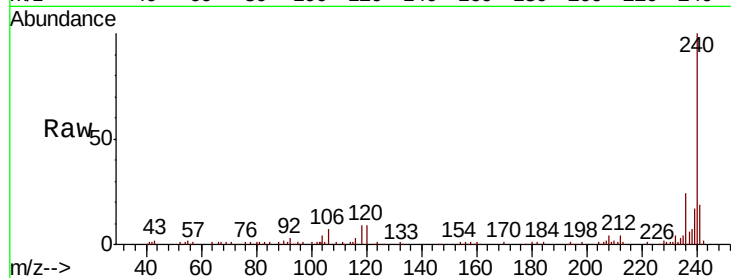




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

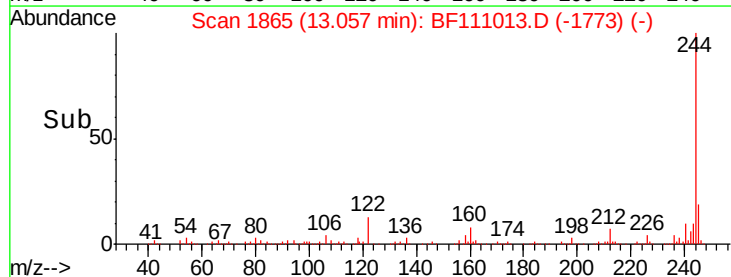
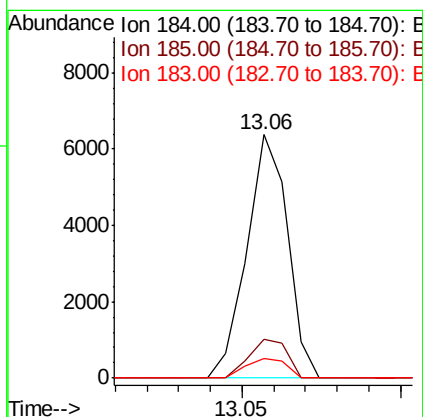
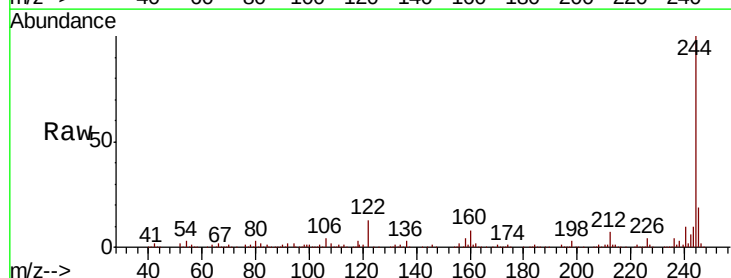
Instrument :
BNA_F
ClientSampleId :

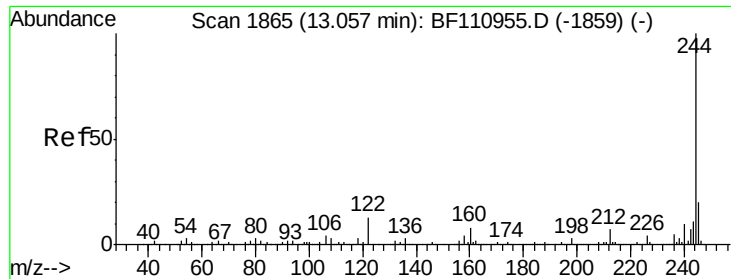
Tot Ion:240 Resp: 105271
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 24.4 21.2 31.8



#77
Benzidine
Concen: 2.113 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.24 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Tgt Ion:184 Resp: 5690
Ion Ratio Lower Upper
184 100
185 16.1 13.4 20.2
183 8.2 9.4 14.2#





#79

Terphenyl-d14

Concen: 76.316 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

Instrument :

BNA_F

ClientSampled :

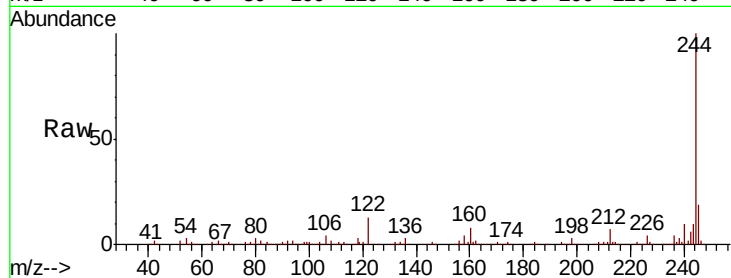
Tot Ion:244 Resp: 412705

Ion Ratio Lower Upper

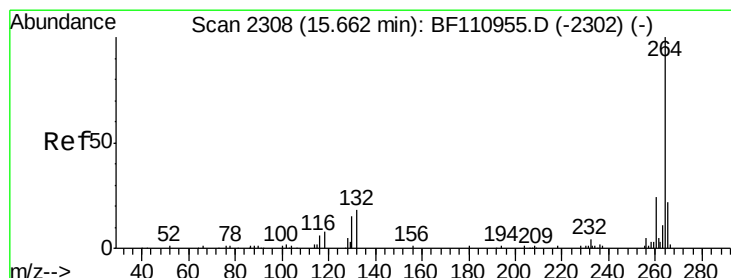
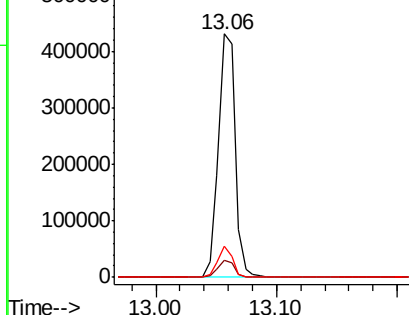
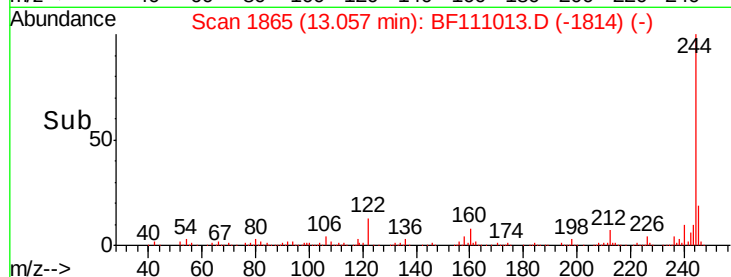
244 100

212 7.0 5.8 8.8

122 12.5 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: 15.68 min Scan# 2311

Delta R.T. 0.01 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

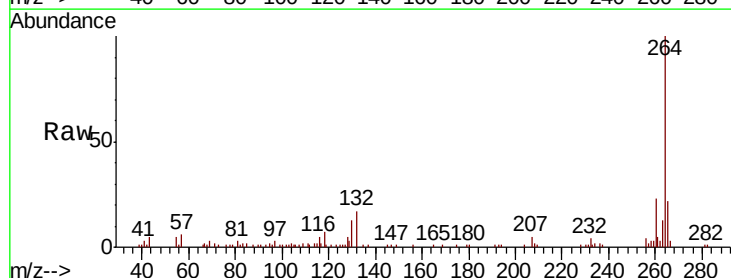
Tgt Ion:264 Resp: 67593

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.6 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

