

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110632.D
 Acq On : 9 Nov 2018 17:31
 Operator : JU/SJ
 Sample : J5879-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:23:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

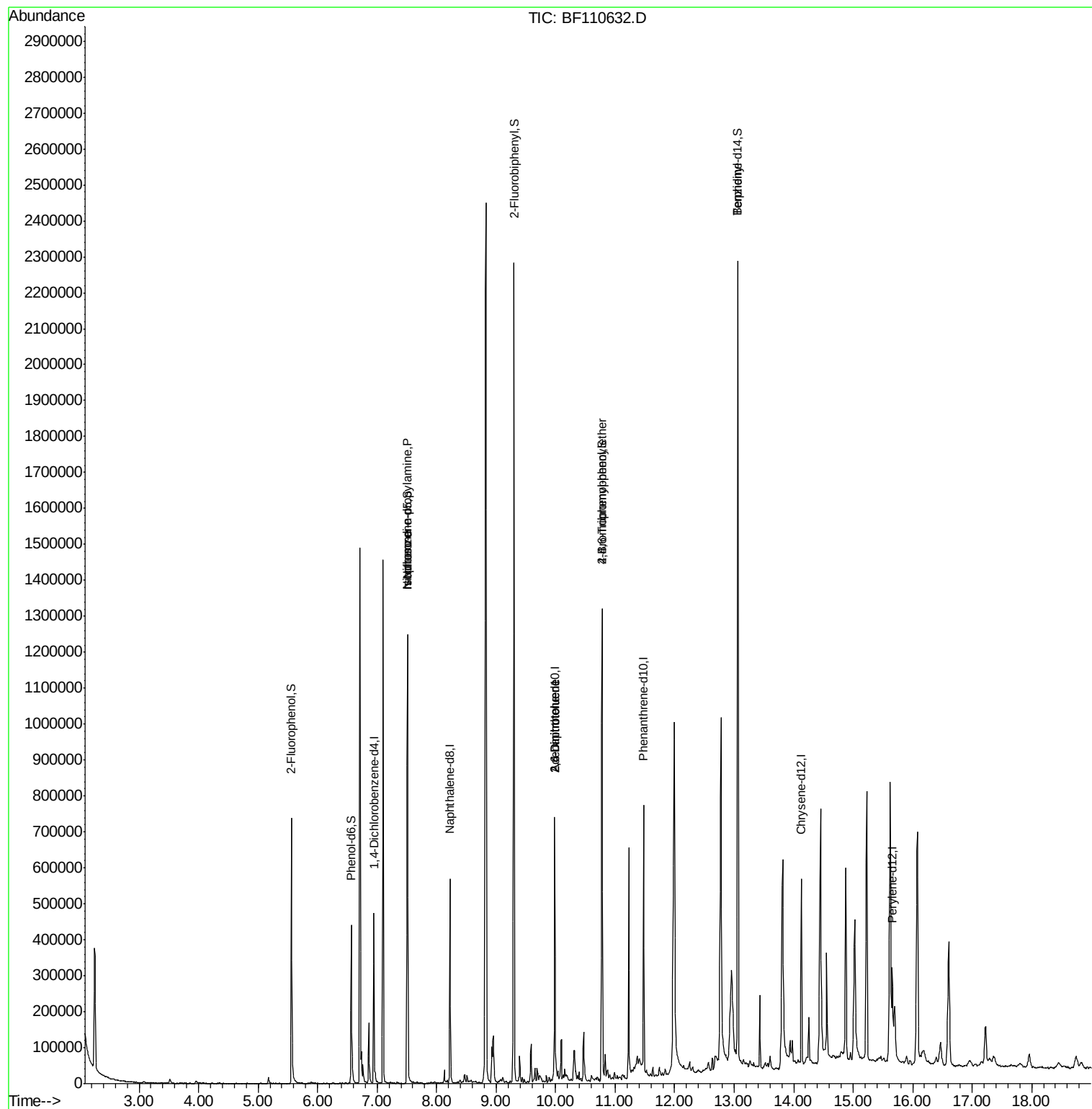
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65992	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	273007	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	129500	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	247666	20.00	ng	0.00
76) Chrysene-d12	14.13	240	175518	20.00	ng	-0.01
87) Perylene-d12	15.66	264	120523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	217186	53.46	ng	0.00
7) Phenol-d6	6.56	99	165528	31.86	ng	-0.01
23) Nitrobenzene-d5	7.51	82	400204	84.42	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	142173	108.96	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	739652	81.57	ng	0.00
79) Terphenyl-d14	13.07	244	812400	86.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	53776	16.216	ng	# 79
25) Isophorone	7.51	82	400201	51.507	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	16163	7.604	ng	# 24
57) 2,4-Dinitrotoluene	9.99	165	16163	5.848	ng	# 20
67) 4-Bromophenyl-phenylether	10.78	248	9097	3.323	ng	# 1
77) Benzidine	13.06	184	11232	2.327	ng	# 95

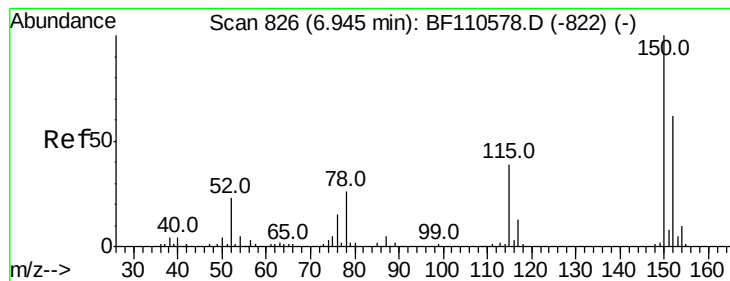
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110632.D
Acq On : 9 Nov 2018 17:31
Operator : JU/SJ
Sample : J5879-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 11 03:23:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration



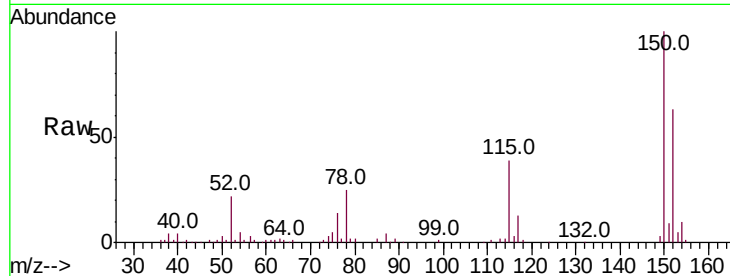


#1

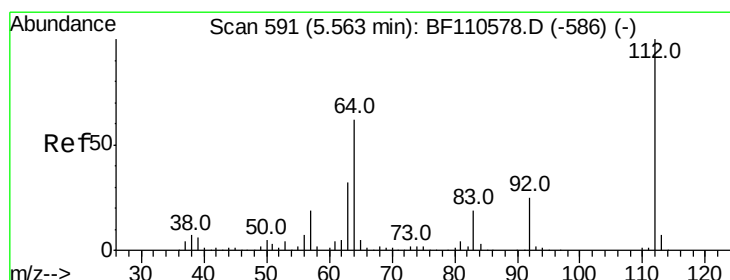
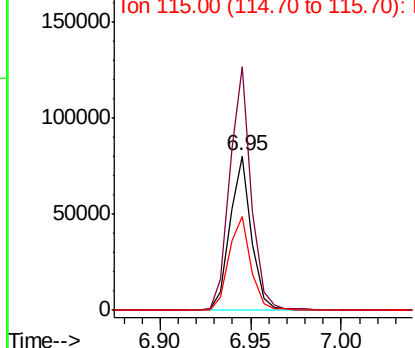
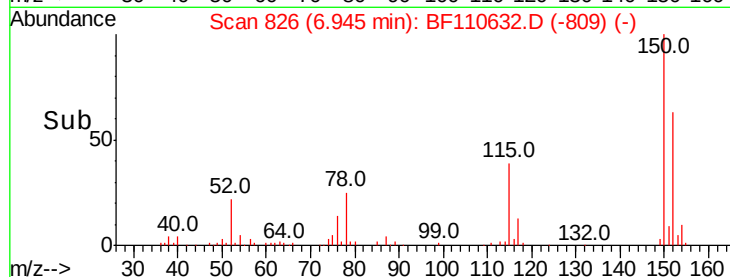
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110632.D
Acq: 9 Nov 2018 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65992
Ion Ratio Lower Upper
152 100
150 157.7 122.7 184.1
115 60.8 49.1 73.7



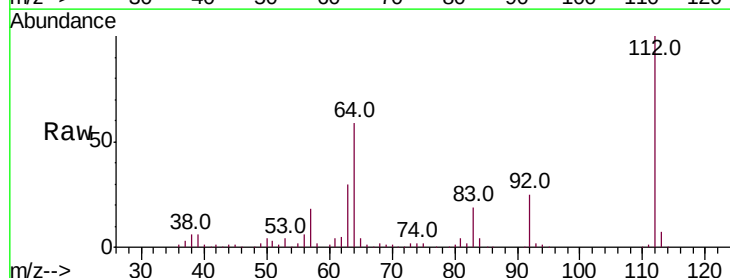
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



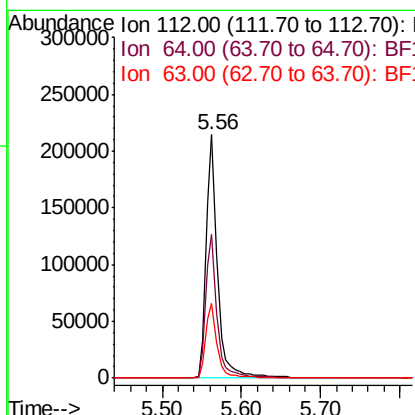
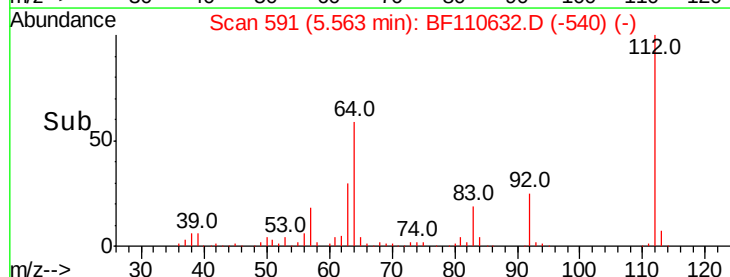
#5

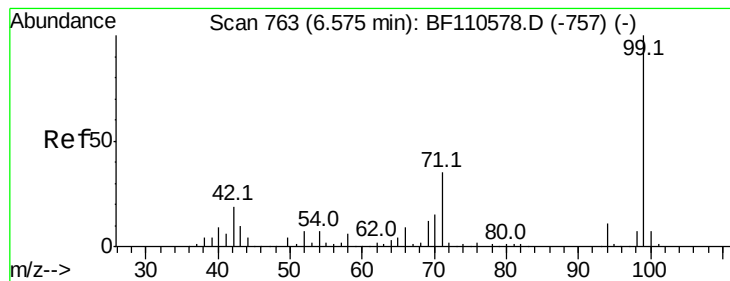
2-Fluorophenol
Concen: 53.458 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110632.D
Acq: 9 Nov 2018 17:31

Tgt Ion:112 Resp: 217186
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
63 30.4 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: 31.861 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110632.D

Acq: 9 Nov 2018 17:31

Instrument :

BNA_F

ClientSampleId :

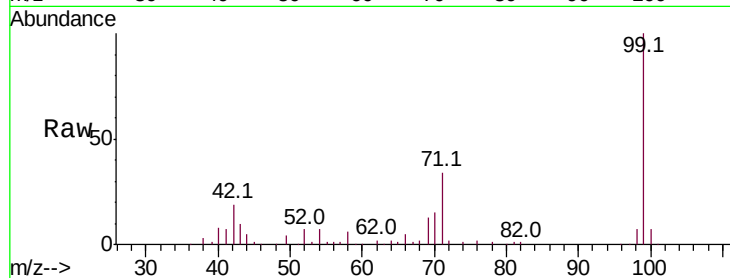
Tot Ion: 99 Resp: 165528

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

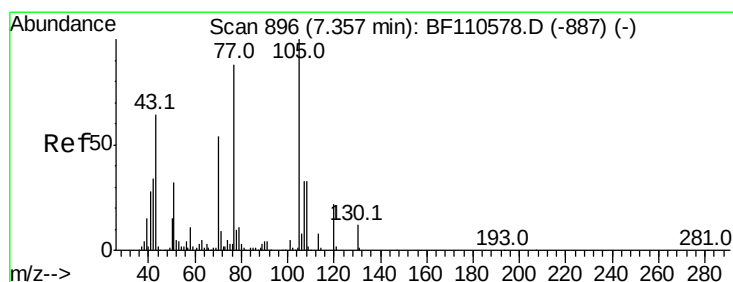
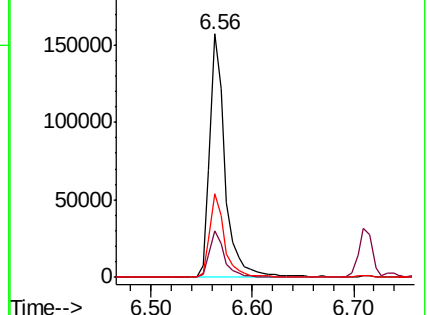
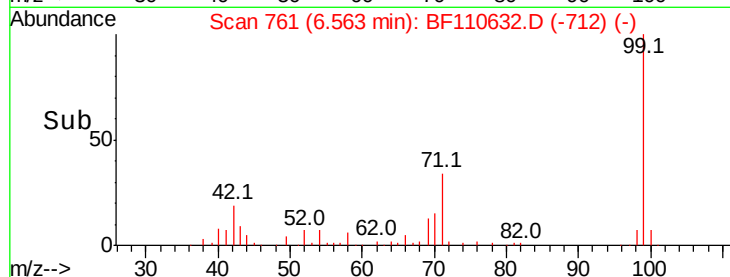
71 34.4 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.216 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110632.D

Acq: 9 Nov 2018 17:31

Tgt Ion: 70 Resp: 53776

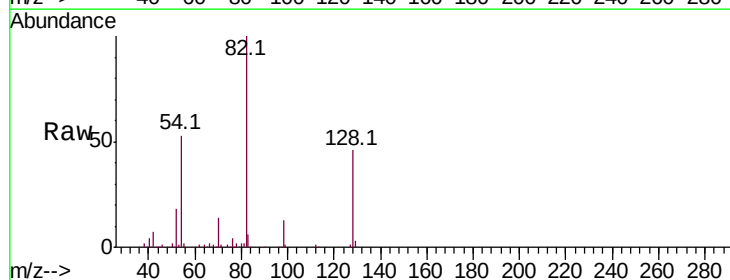
Ion Ratio Lower Upper

70 100

42 48.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

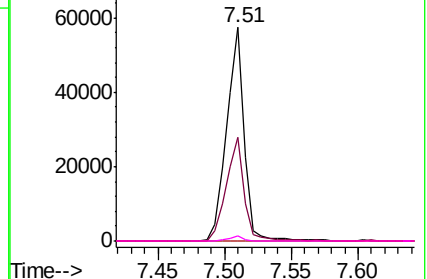
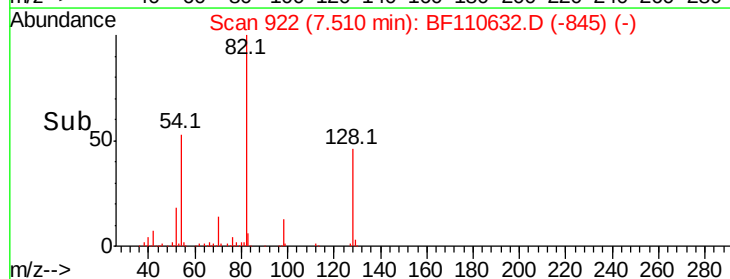


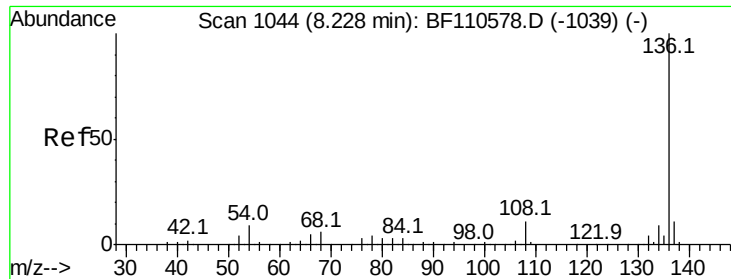
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

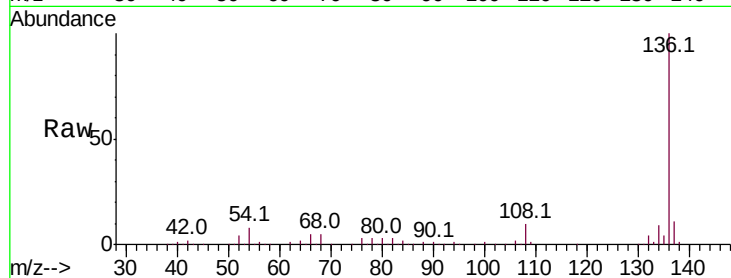




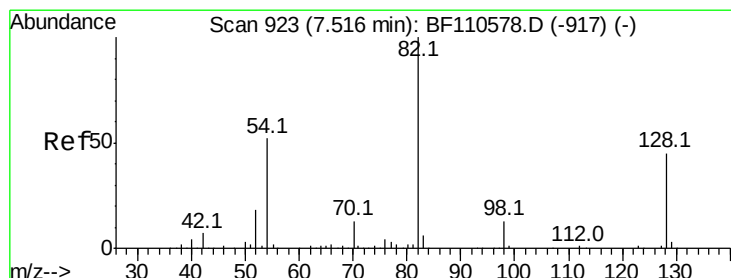
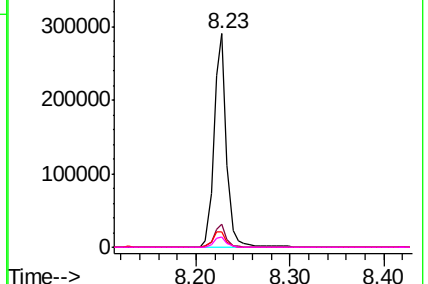
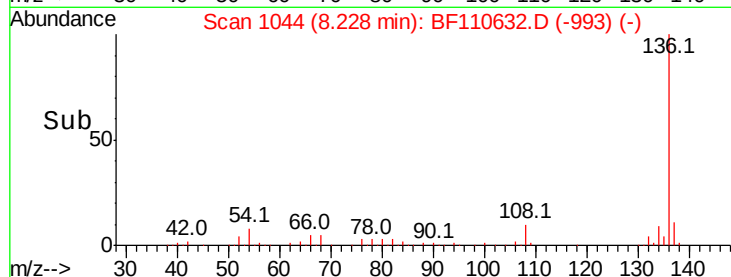
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110632.D
Acq: 9 Nov 2018 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	273007
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	5.4	8.2
68	5.0	4.2	6.2

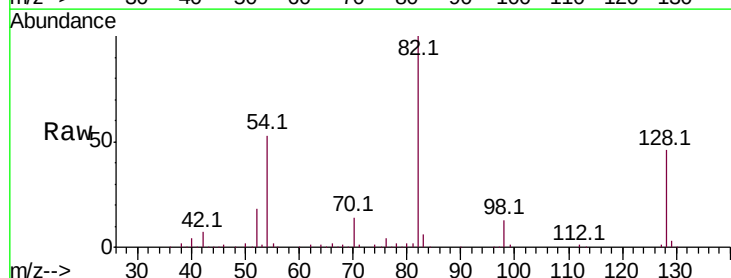


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

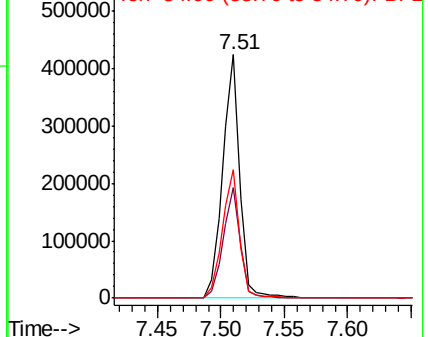
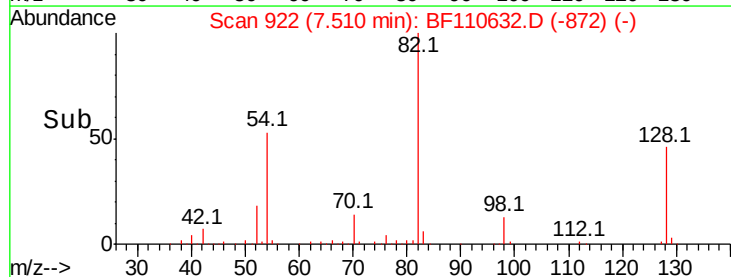


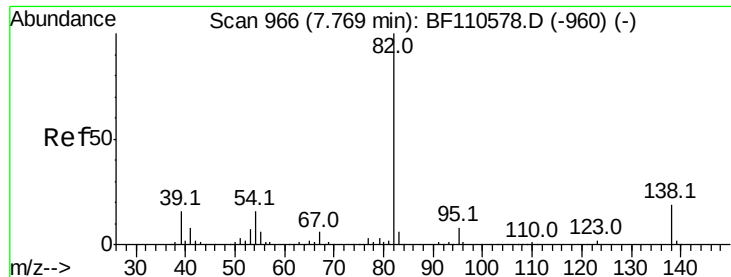
#23
Nitrobenzene-d5
Concen: 84.421 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110632.D
Acq: 9 Nov 2018 17:31

Tgt Ion:	82	Resp:	400204
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	52.7	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





#25

Isophorone

Concen: 51.507 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110632.D

Acq: 9 Nov 2018 17:31

Instrument :

BNA_F

ClientSampleId :

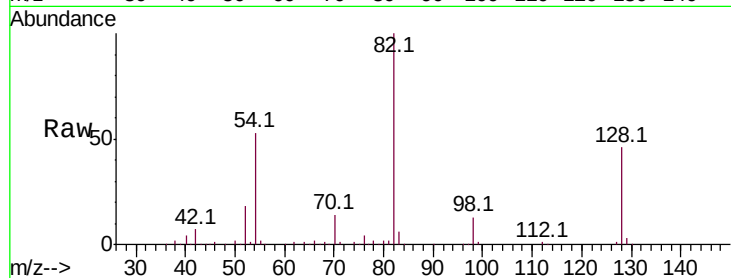
Tot Ion: 82 Resp: 400201

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

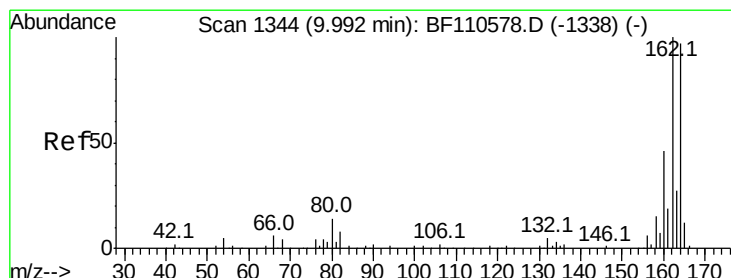
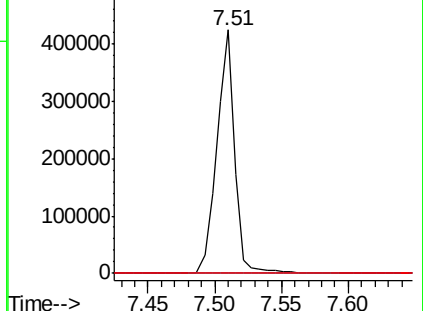
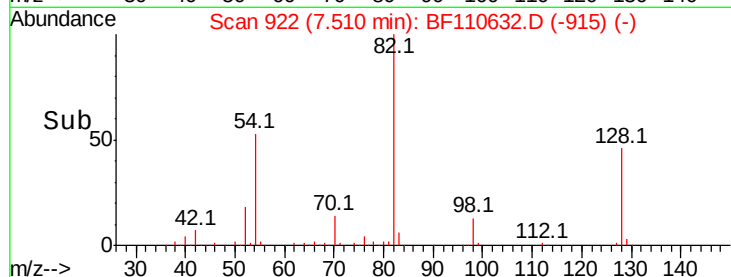
138 0.0 13.2 19.8#



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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110632.D

Acq: 9 Nov 2018 17:31

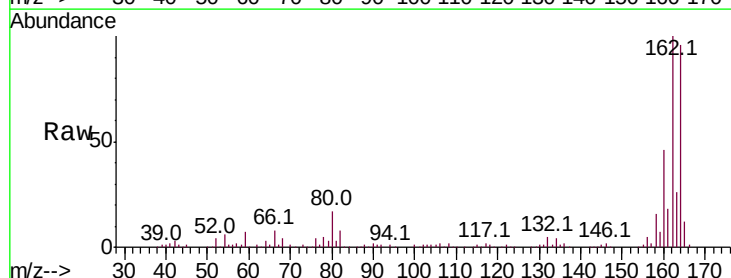
Tgt Ion:164 Resp: 129500

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

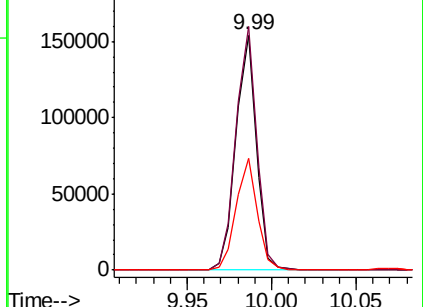
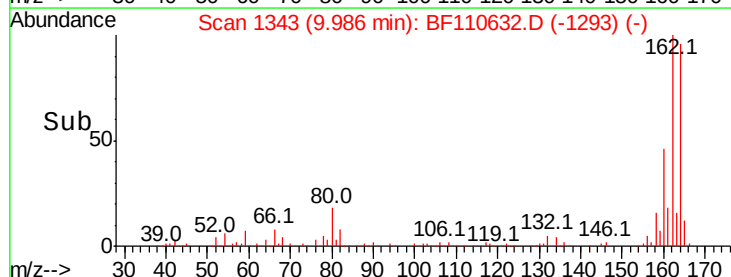
160 47.4 37.0 55.6

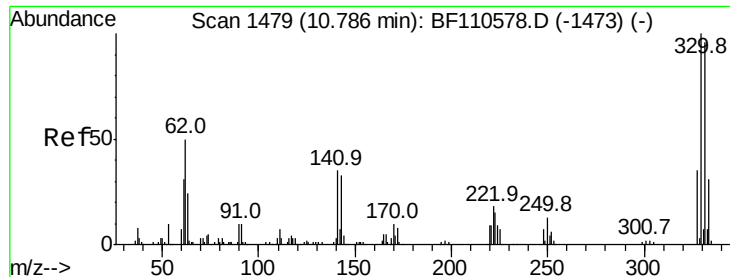


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

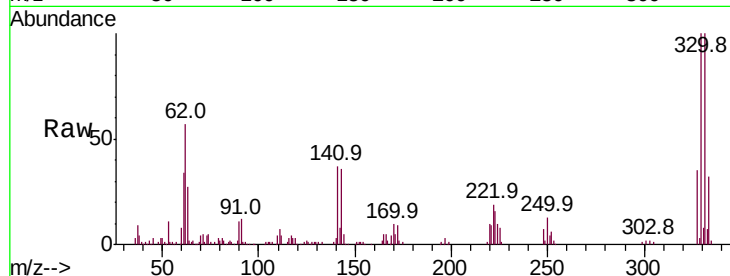




#42
 2,4,6-Tribromophenol
 Concen: 108.955 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110632.D
 Acq: 9 Nov 2018 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	39.3	27.0	40.4

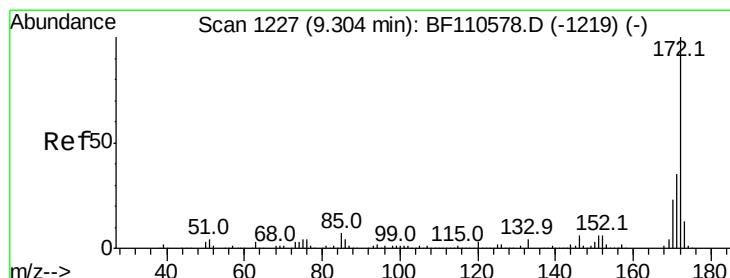
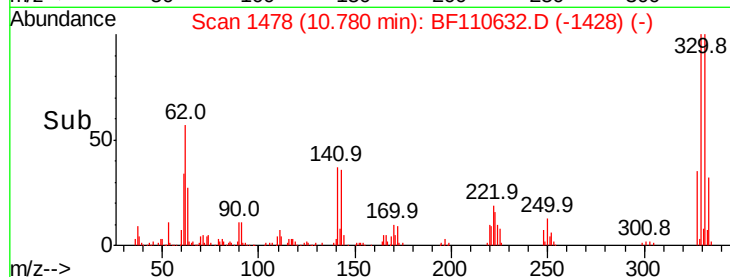
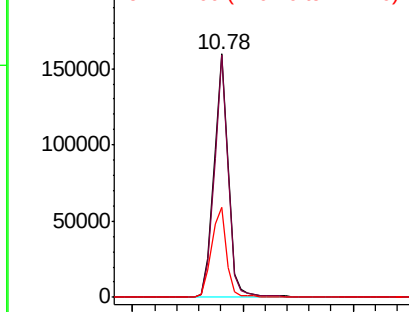


Abundance

Ion 329.80 (329.50 to 330.50): E

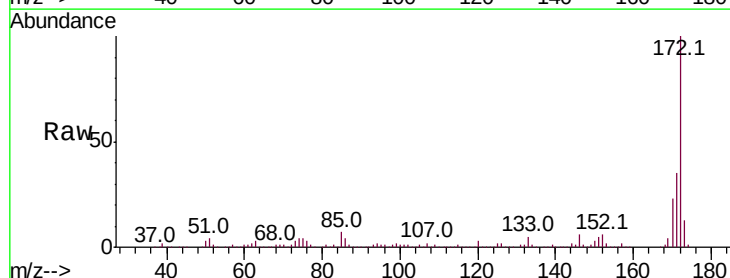
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.572 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110632.D
 Acq: 9 Nov 2018 17:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.1	19.7	29.5

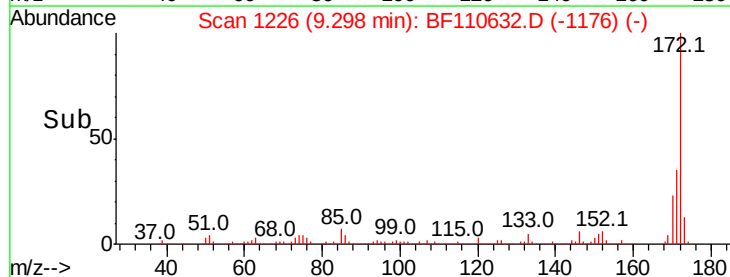
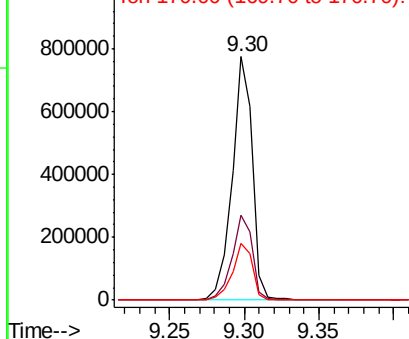


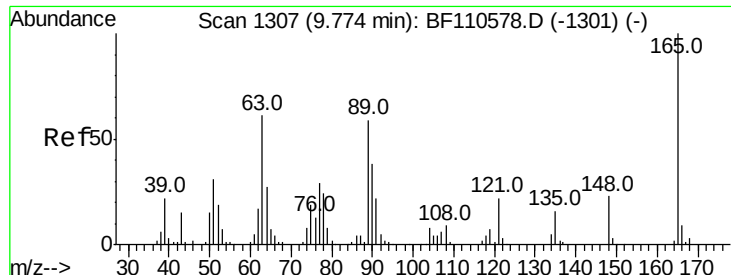
Abundance

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

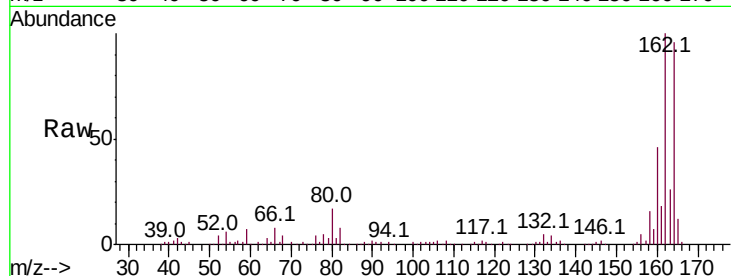




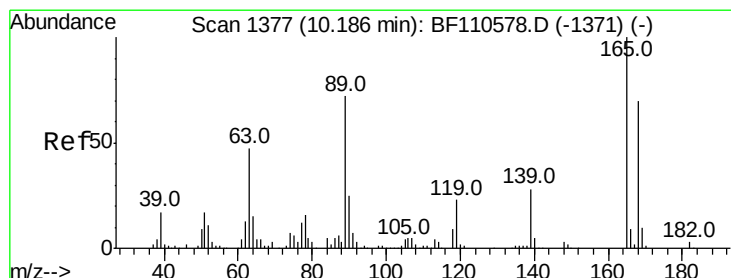
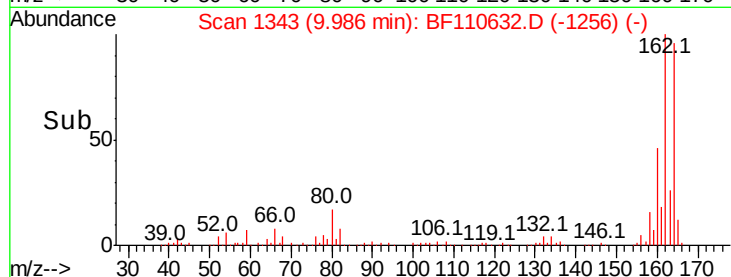
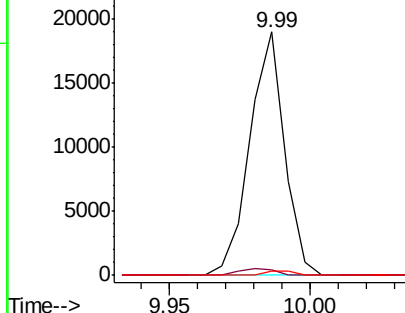
#51
 2,6-Dinitrotoluene
 Concen: 7.604 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110632.D
 Acq: 9 Nov 2018 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	48.9	73.3#
89	2.0	46.6	69.8#



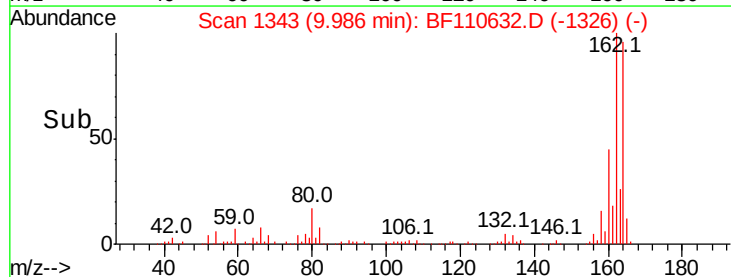
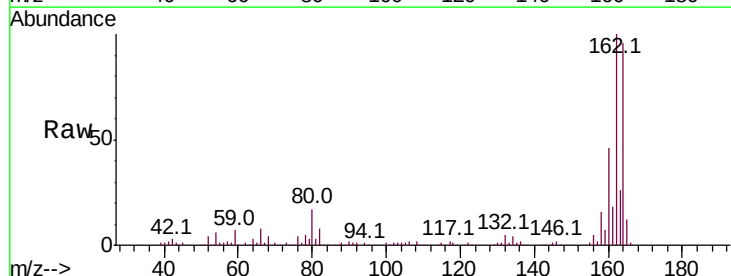
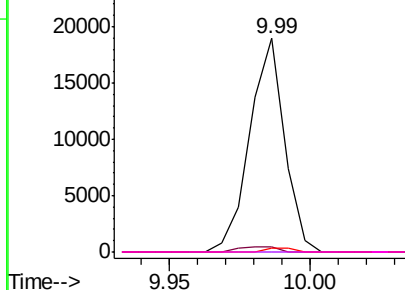
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

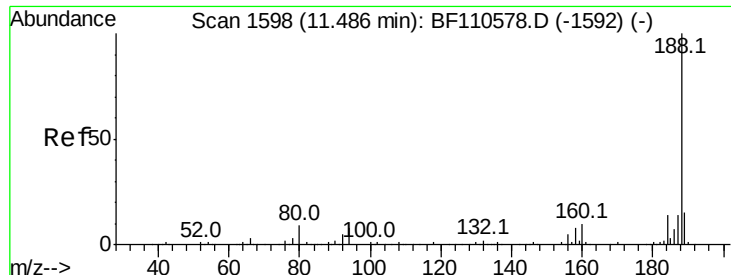


#57
 2,4-Dinitrotoluene
 Concen: 5.848 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110632.D
 Acq: 9 Nov 2018 17:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	44.8	67.2#
89	2.0	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

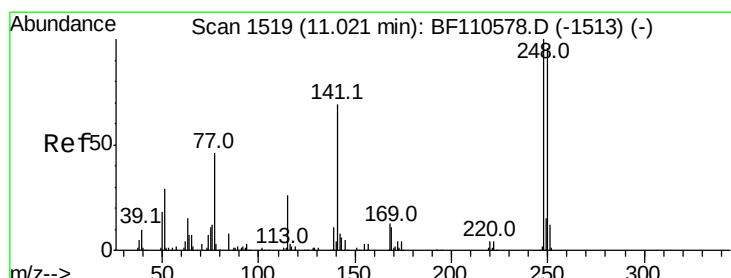
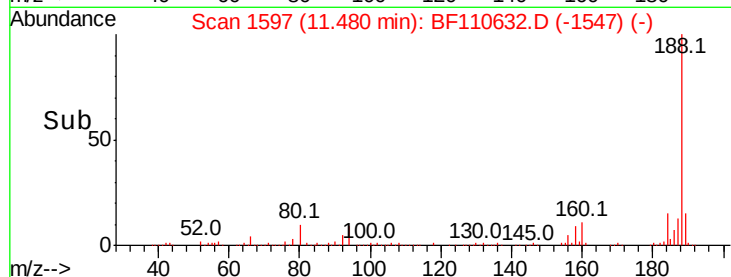
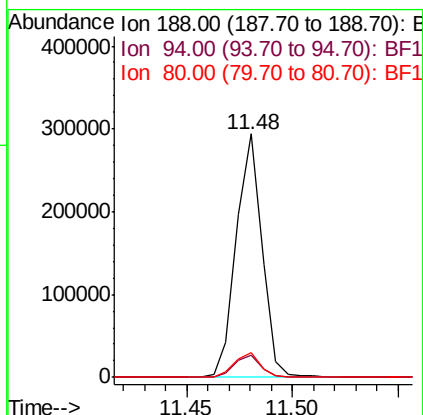
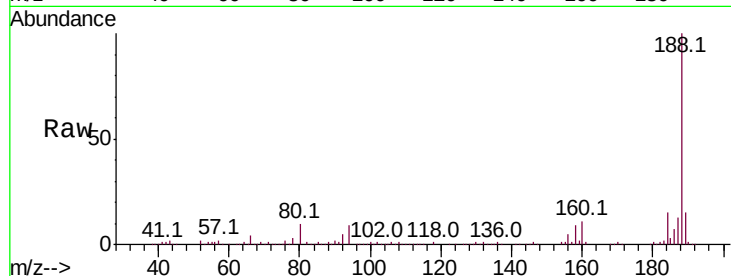




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110632.D
 Acq: 9 Nov 2018 17:31

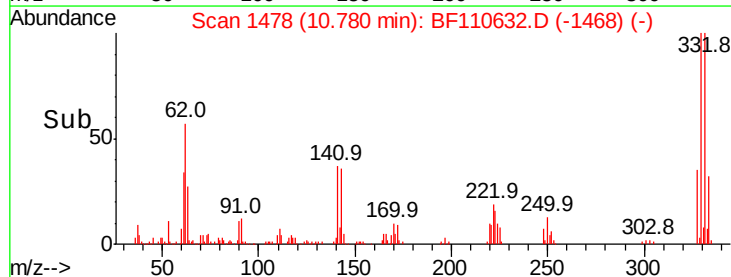
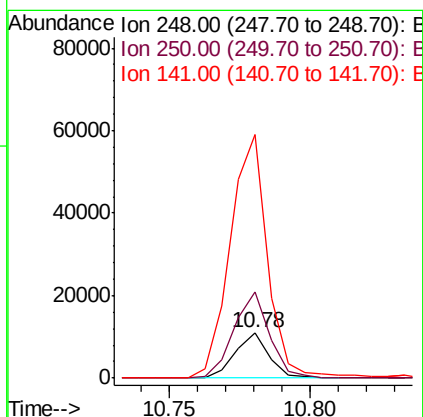
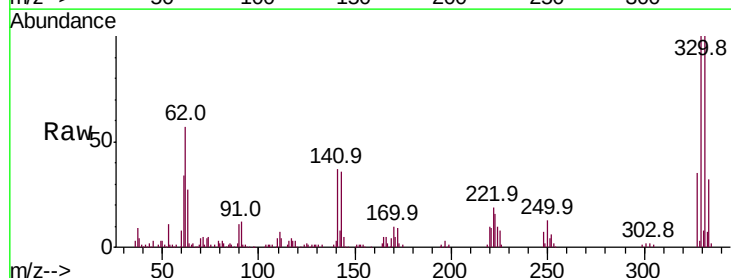
Instrument :
 BNA_F
 ClientSampleId :

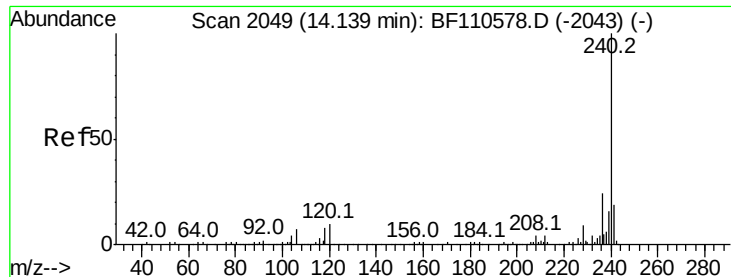
Tot Ion:188 Resp: 247666
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 10.0 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.323 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110632.D
 Acq: 9 Nov 2018 17:31

Tgt Ion:248 Resp: 9097
 Ion Ratio Lower Upper
 248 100
 250 188.6 79.4 119.2#
 141 534.1 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110632.D

Acq: 9 Nov 2018 17:31

Instrument :

BNA_F

ClientSampleId :

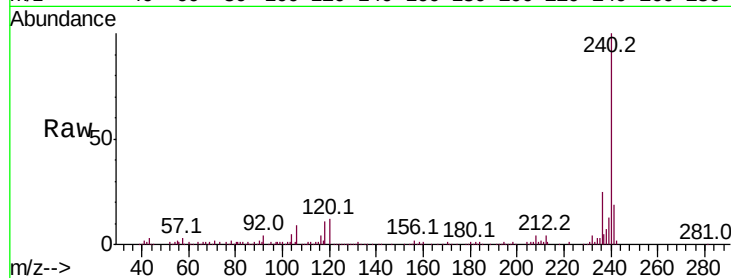
Tot Ion:240 Resp: 175518

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

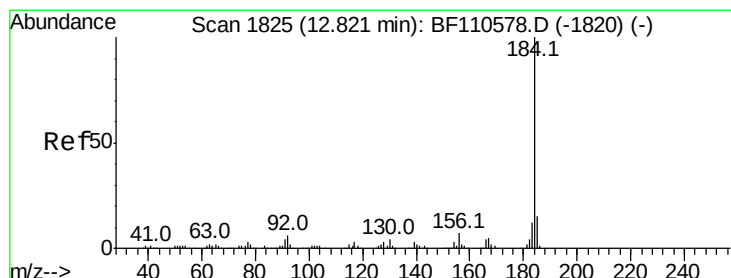
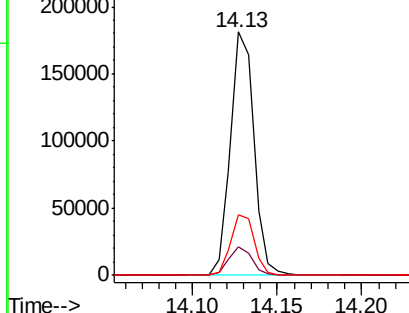
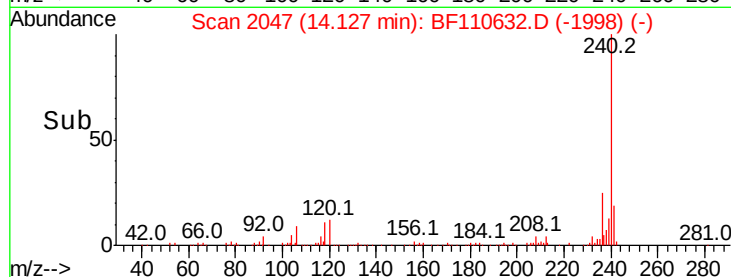
236 25.0 21.2 31.8



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



#77

Benzidine

Concen: 2.327 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.24 min

Lab File: BF110632.D

Acq: 9 Nov 2018 17:31

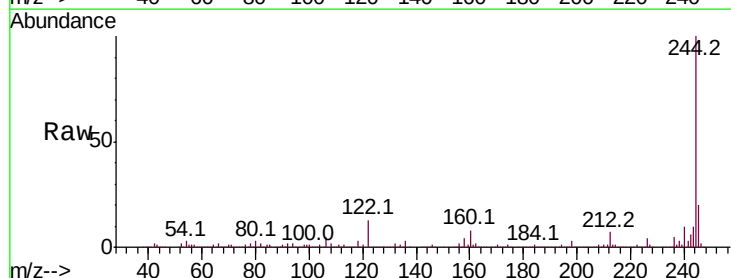
Tgt Ion:184 Resp: 11232

Ion Ratio Lower Upper

184 100

185 20.3 13.4 20.2#

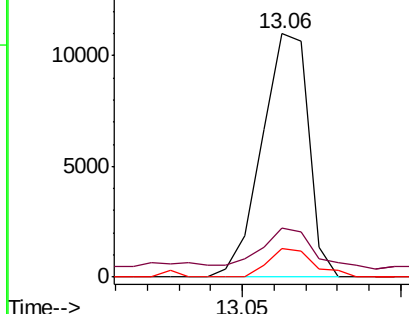
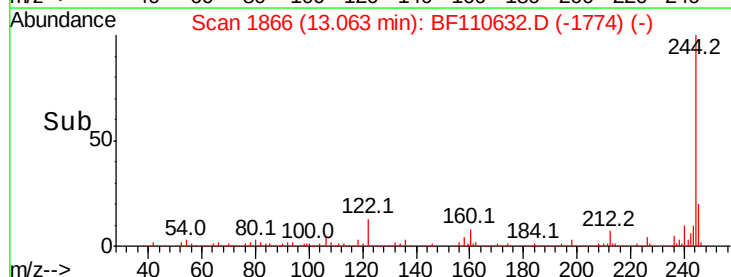
183 11.6 9.4 14.2

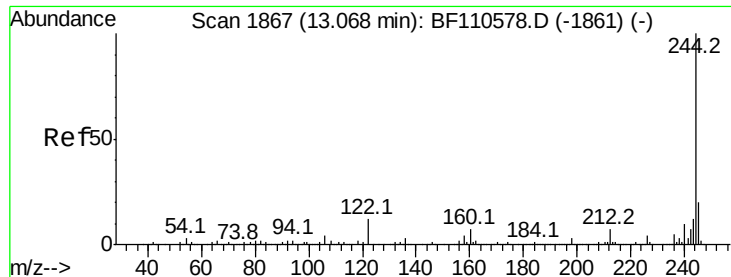


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 86.682 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF110632.D

Acq: 9 Nov 2018 17:31

Instrument :

BNA_F

ClientSampleId :

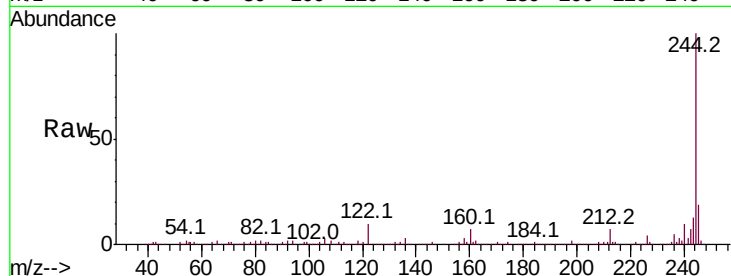
Tot Ion:244 Resp: 812400

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

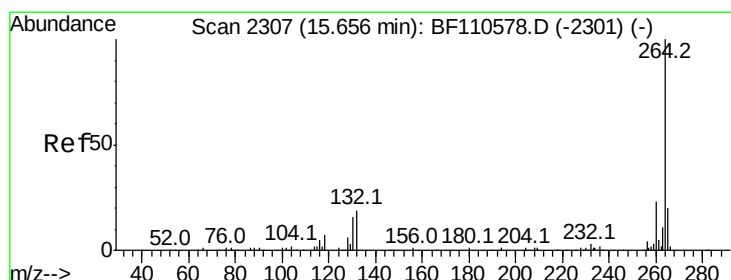
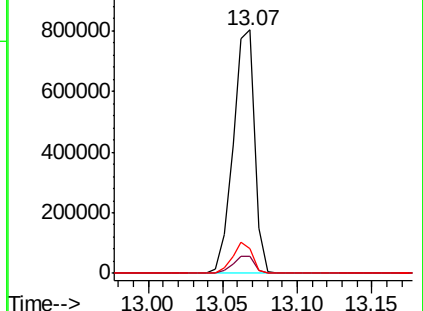
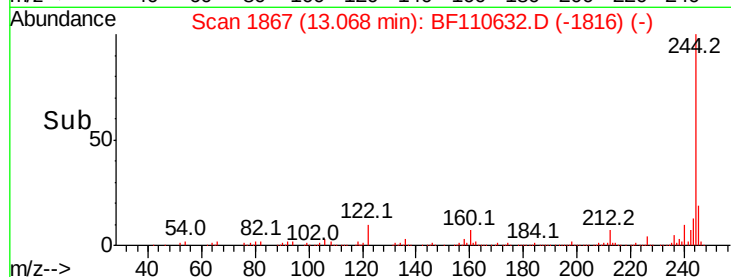
122 10.3 8.7 13.1



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# 2307

Delta R.T. 0.00 min

Lab File: BF110632.D

Acq: 9 Nov 2018 17:31

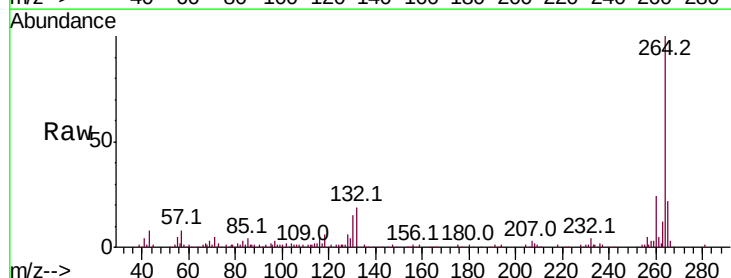
Tgt Ion:264 Resp: 120523

Ion Ratio Lower Upper

264 100

260 24.1 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

