

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110659.D
 Acq On : 10 Nov 2018 6:14
 Operator : JU/SJ
 Sample : J5881-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:27:24 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

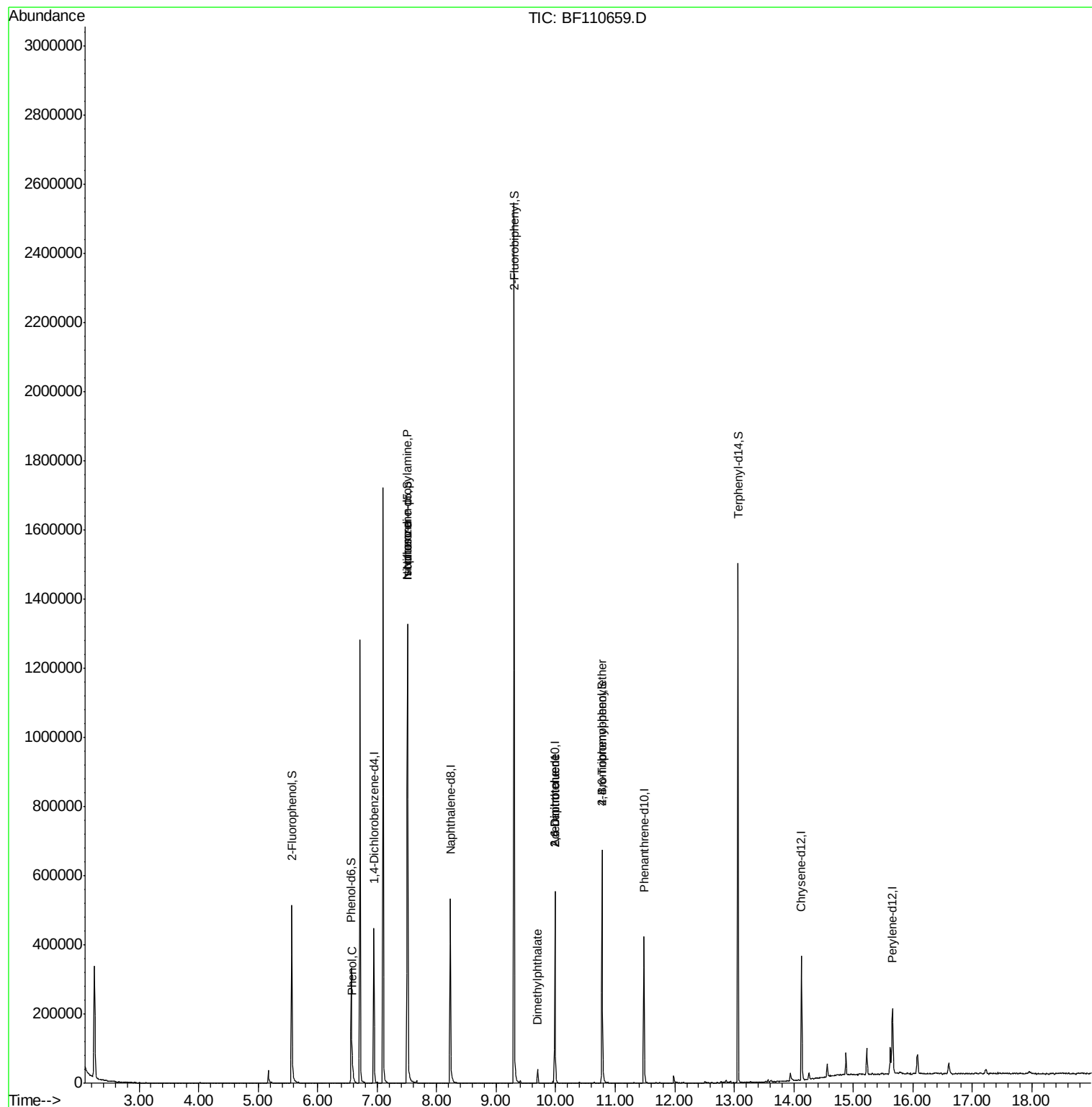
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66131	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	269652	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	114254	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	174153	20.00	ng	0.00
76) Chrysene-d12	14.13	240	128302	20.00	ng	-0.01
87) Perylene-d12	15.66	264	96208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	159729	39.23	ng	0.00
7) Phenol-d6	6.56	99	119660	22.98	ng	-0.01
23) Nitrobenzene-d5	7.51	82	450069	96.12	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	87195	75.74	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	829771	103.72	ng	0.00
79) Terphenyl-d14	13.06	244	503989	73.56	ng	0.00
Target Compounds						
10) Phenol	6.58	94	16039	2.657	ng	# 69
19) n-Nitroso-di-n-propylamine	7.51	70	57863	17.411	ng	# 80
25) Isophorone	7.51	82	450065	58.645	ng	# 67
50) Dimethylphthalate	9.69	163	20042	2.351	ng	# 99
51) 2,6-Dinitrotoluene	9.99	165	14684	7.830	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	14684	6.022	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	5415	2.813	ng	# 1

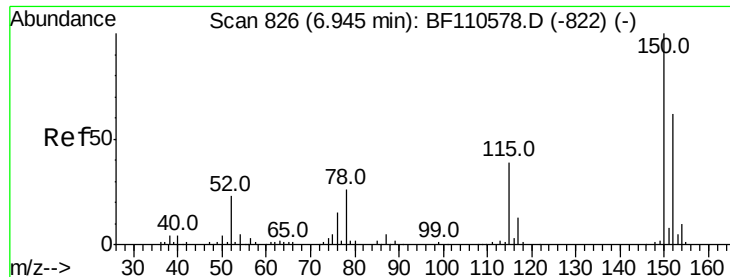
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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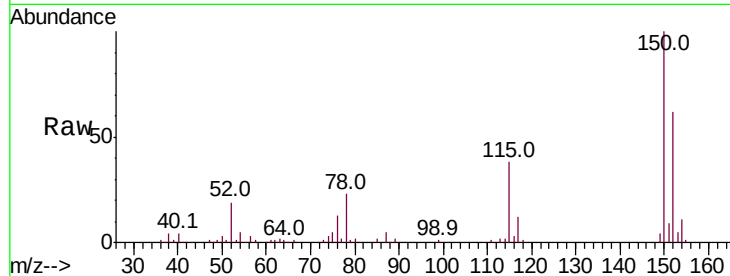


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110659.D
Acq: 10 Nov 2018 6:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	122.7	184.1
115	61.3	49.1	73.7

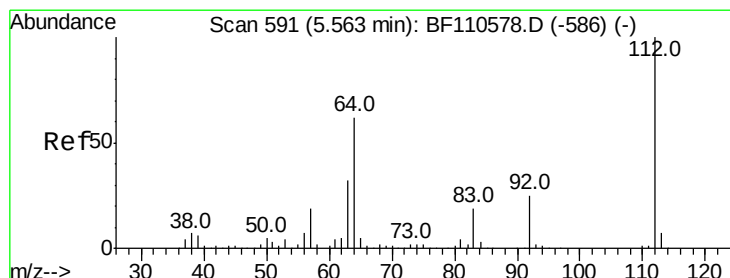
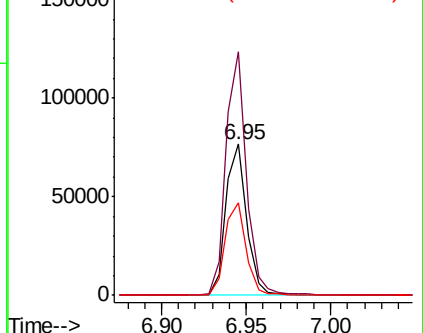
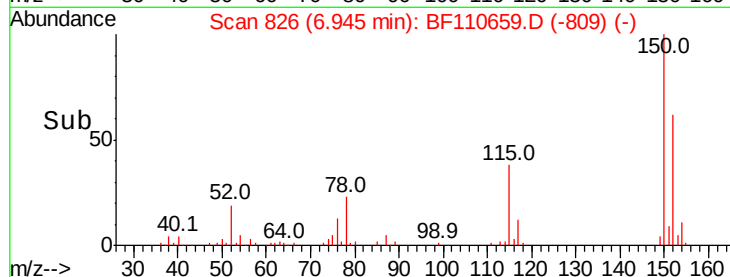


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

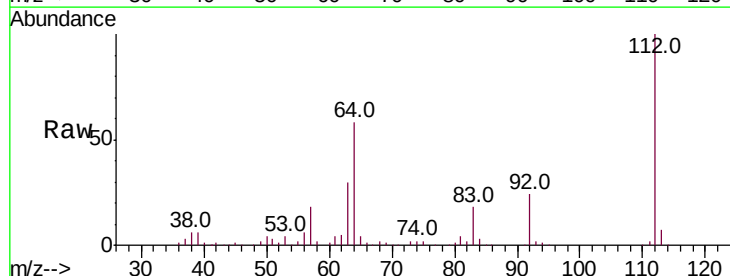
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.233 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110659.D
Acq: 10 Nov 2018 6:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.1	66.1
63	29.8	23.7	35.5

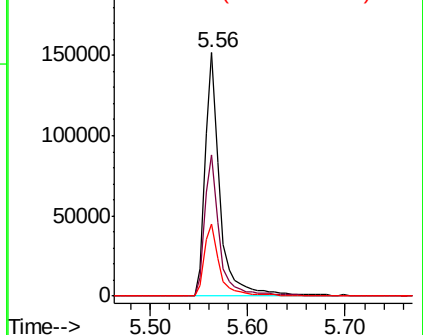
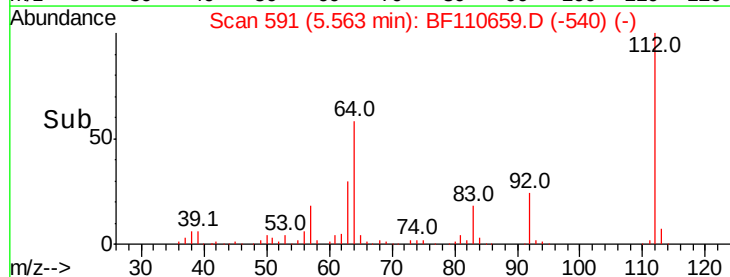


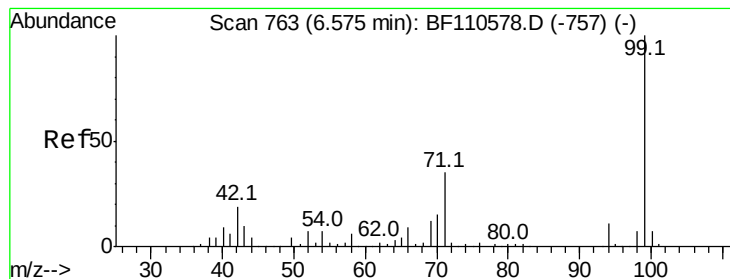
Abundance

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: 22.984 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110659.D

Acq: 10 Nov 2018 6:14

Instrument :

BNA_F

ClientSampleId :

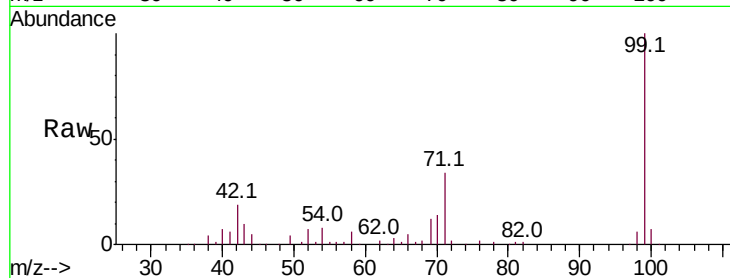
Tot Ion: 99 Resp: 119660

Ion Ratio Lower Upper

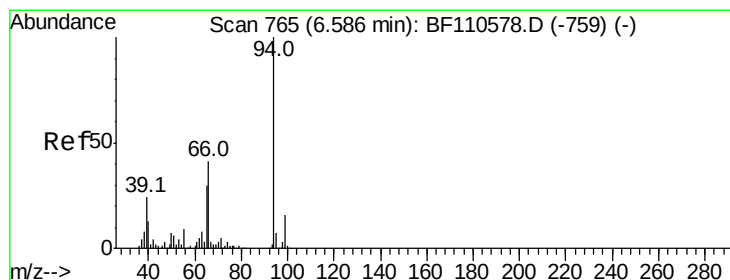
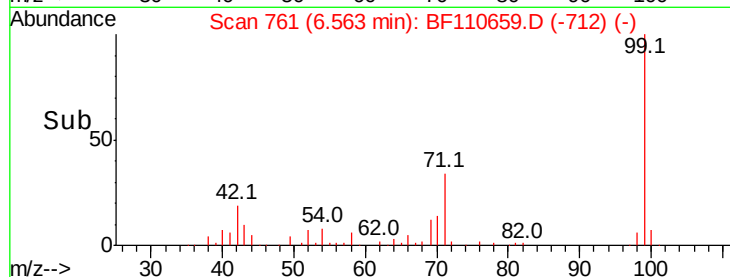
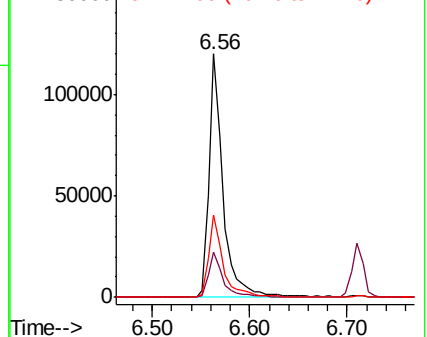
99 100

42 18.7 15.8 23.6

71 33.7 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: 2.657 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110659.D

Acq: 10 Nov 2018 6:14

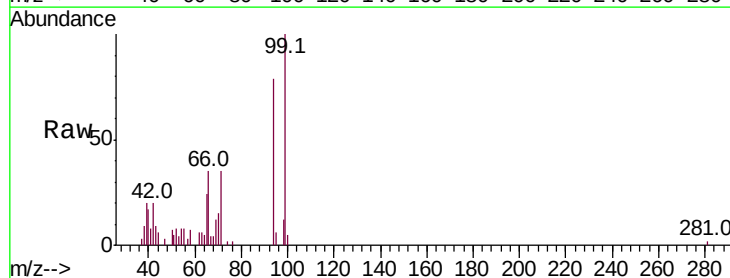
Tgt Ion: 94 Resp: 16039

Ion Ratio Lower Upper

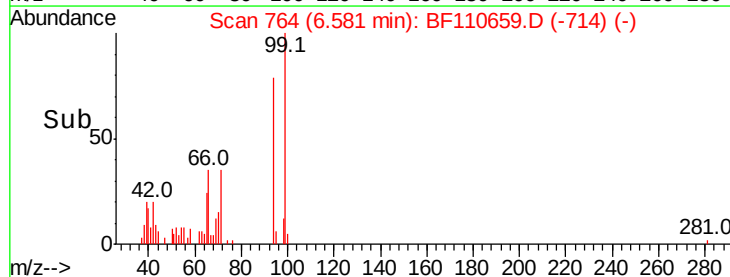
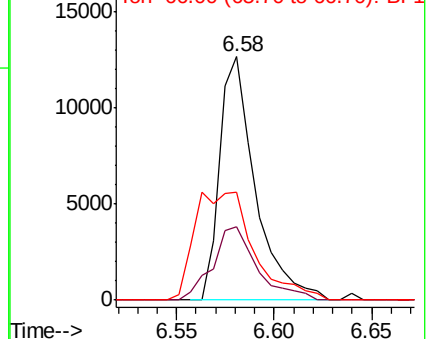
94 100

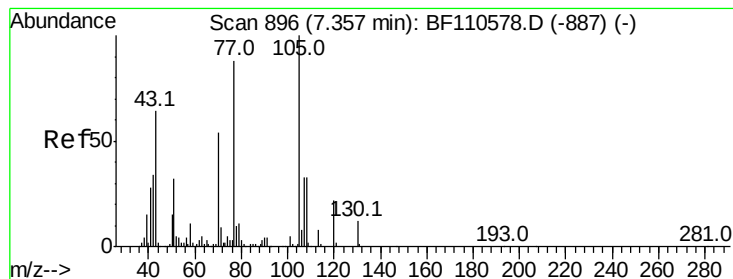
65 30.0 25.3 65.3

66 44.5 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: 17.411 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110659.D

Acq: 10 Nov 2018 6:14

Instrument :

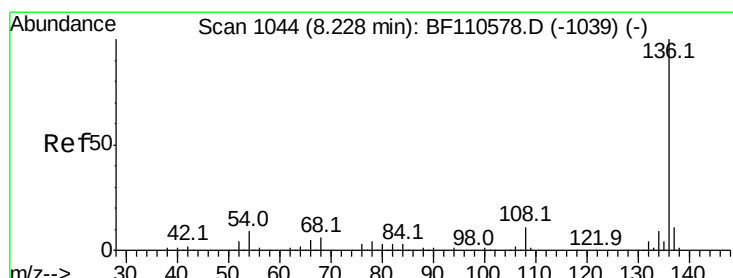
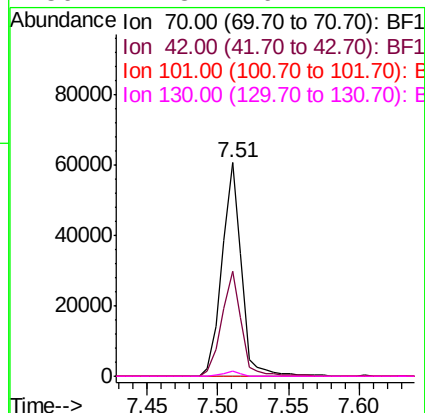
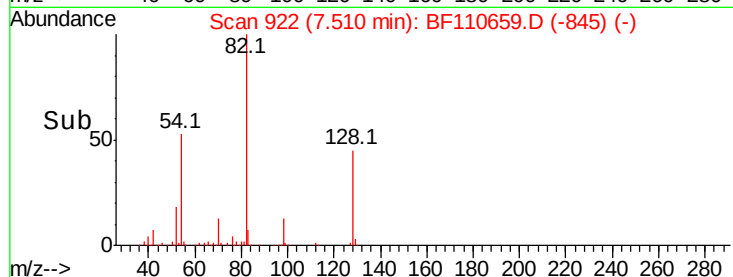
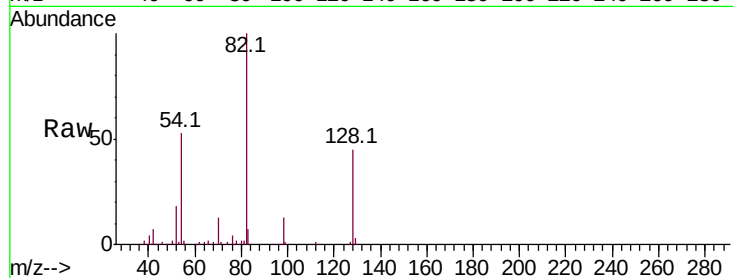
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 57863

Ion Ratio Lower Upper

70	100		
42	49.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

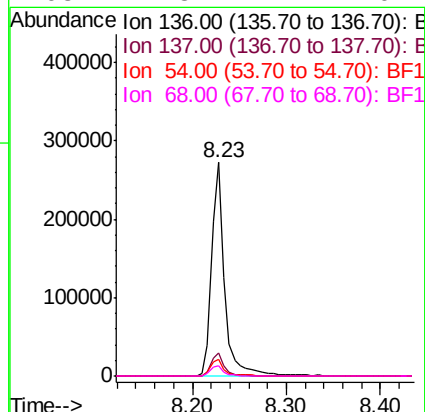
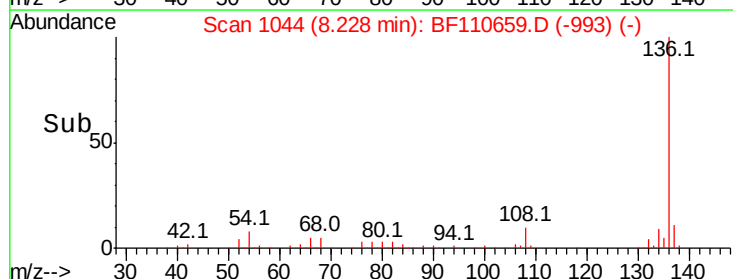
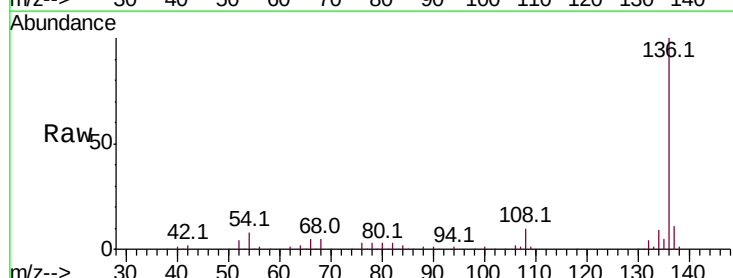
Lab File: BF110659.D

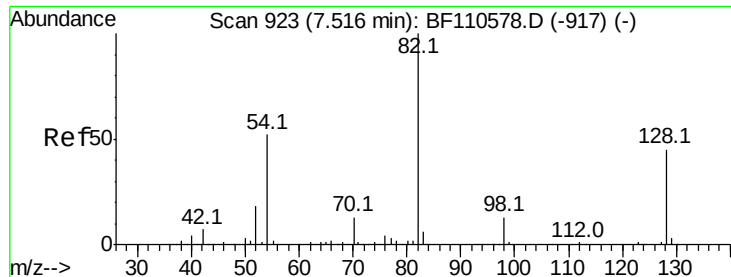
Acq: 10 Nov 2018 6:14

Tgt Ion: 136 Resp: 269652

Ion Ratio Lower Upper

136	100		
137	10.6	8.8	13.2
54	7.6	5.4	8.2
68	4.8	4.2	6.2

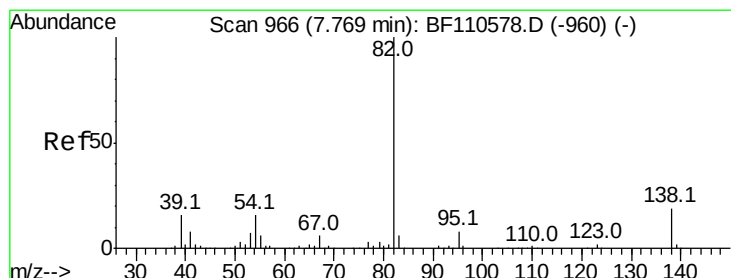
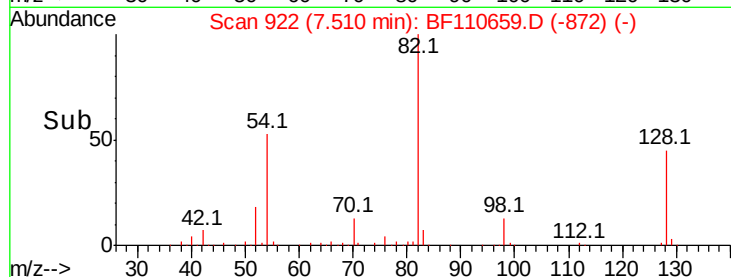
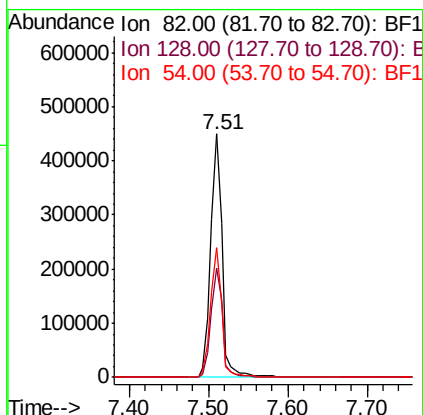
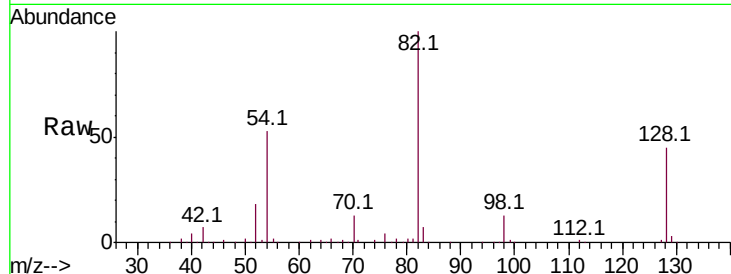




#23
 Nitrobenzene-d5
 Concen: 96.121 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110659.D
 Acq: 10 Nov 2018 6:14

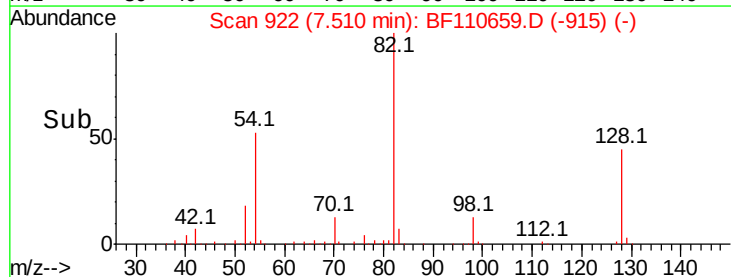
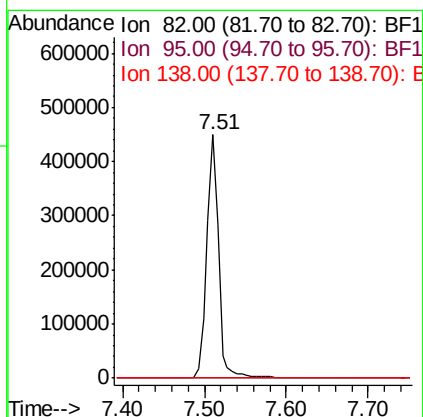
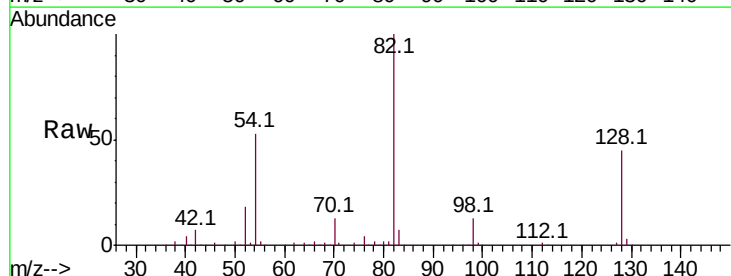
Instrument :
 BNA_F
 ClientSampled :

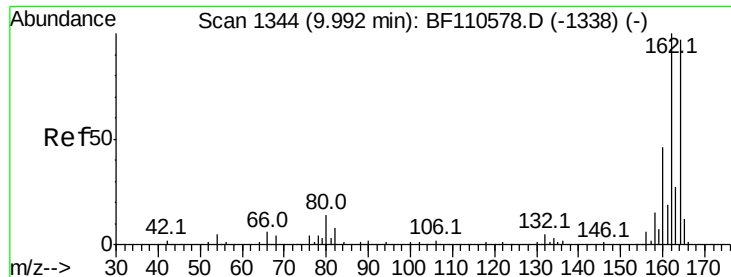
Tot Ion	82	Resp	450069
Ion Ratio	Lower	Upper	
82	100		
128	44.7	34.2	51.2
54	53.3	38.6	58.0



#25
 Isophorone
 Concen: 58.645 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110659.D
 Acq: 10 Nov 2018 6:14

Tgt Ion	82	Resp	450065
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

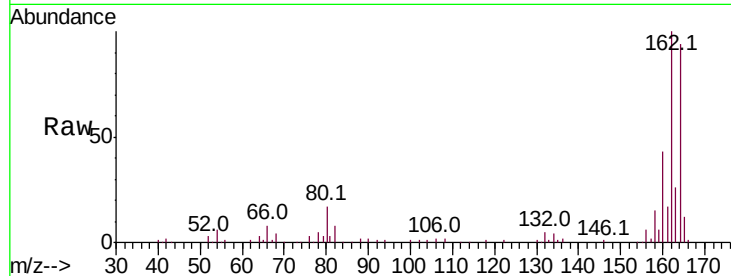




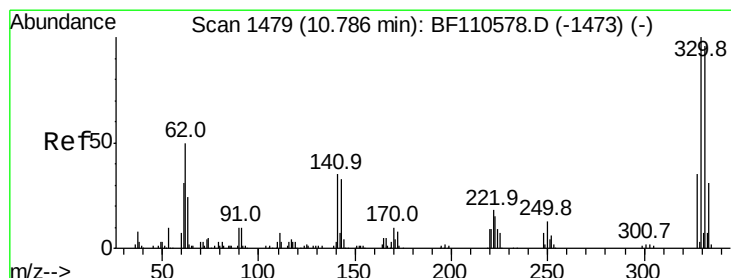
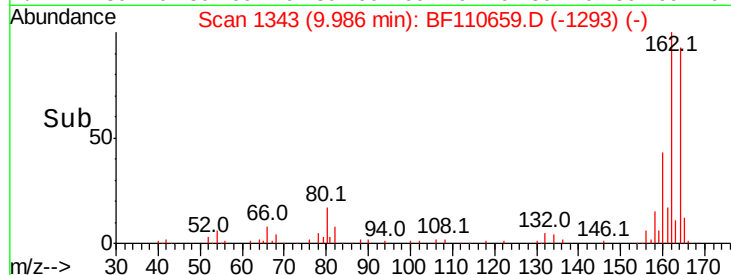
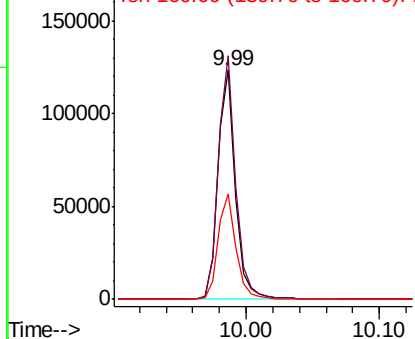
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110659.D
 Acq: 10 Nov 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 114254
 Ion Ratio Lower Upper
 164 100
 162 106.4 83.0 124.6
 160 45.8 37.0 55.6

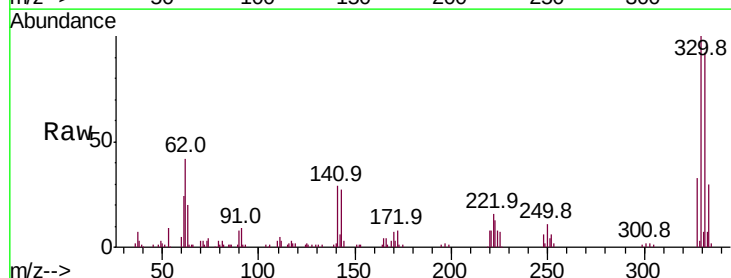


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

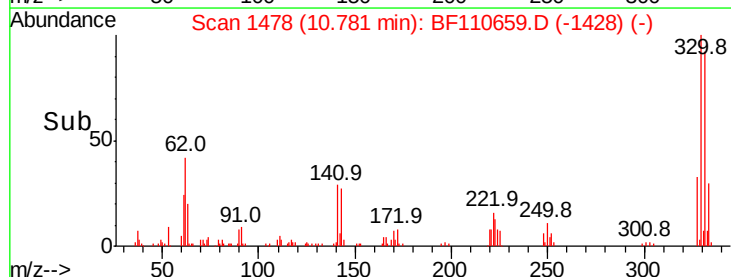
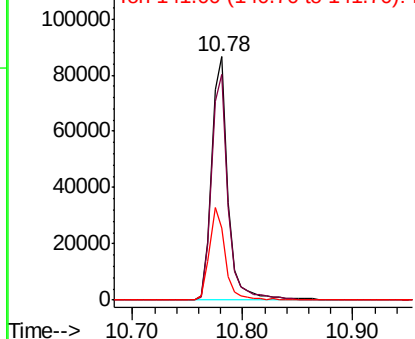


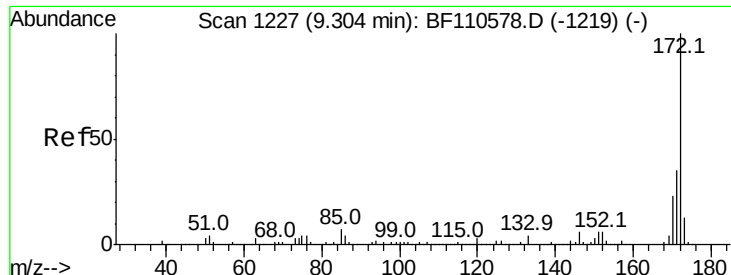
#42
 2,4,6-Tribromophenol
 Concen: 75.739 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110659.D
 Acq: 10 Nov 2018 6:14

Tgt Ion:330 Resp: 87195
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.1 115.7
 141 36.6 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



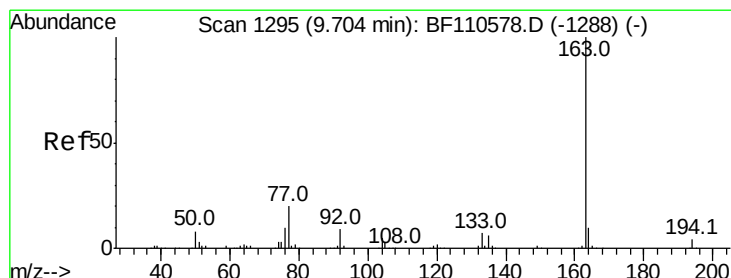
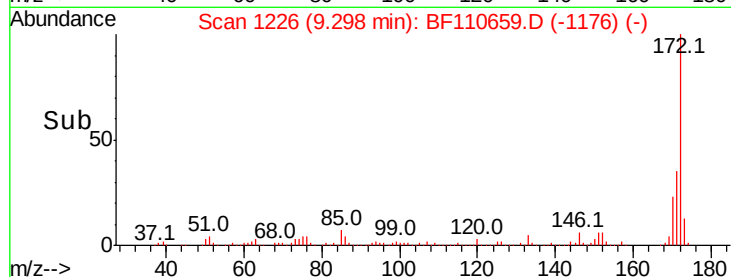
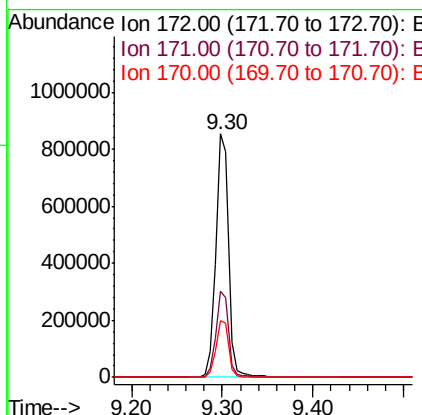
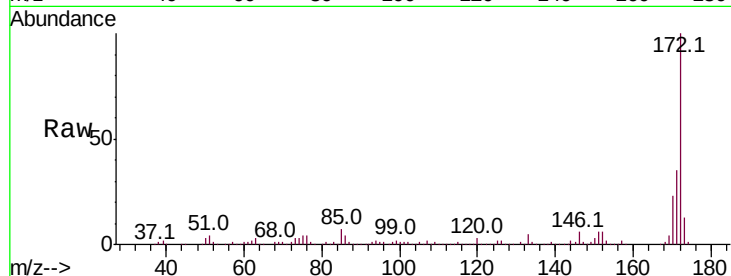


#45
 2-Fluorobiphenyl
 Concen: 103.722 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110659.D
 Acq: 10 Nov 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 829771

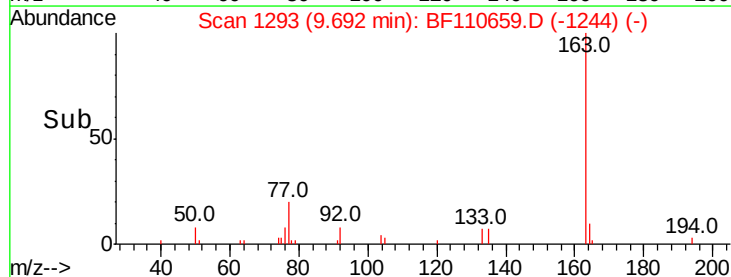
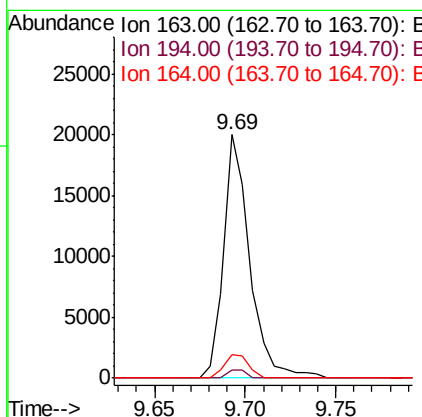
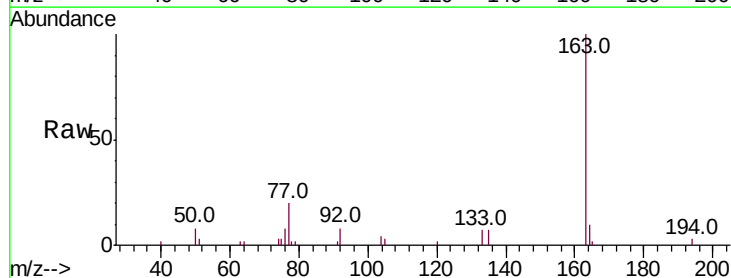
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.4	19.7	29.5

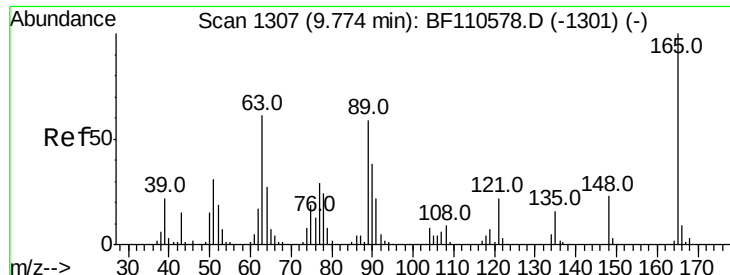


#50
 Dimethylphthalate
 Concen: 2.351 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110659.D
 Acq: 10 Nov 2018 6:14

Tgt Ion:163 Resp: 20042

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.6	8.1	12.1

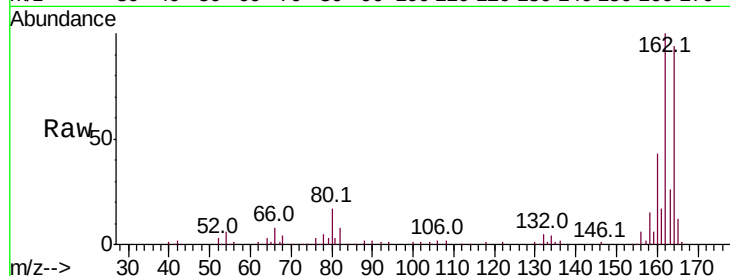




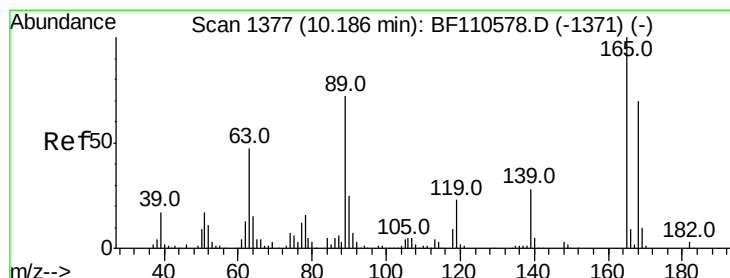
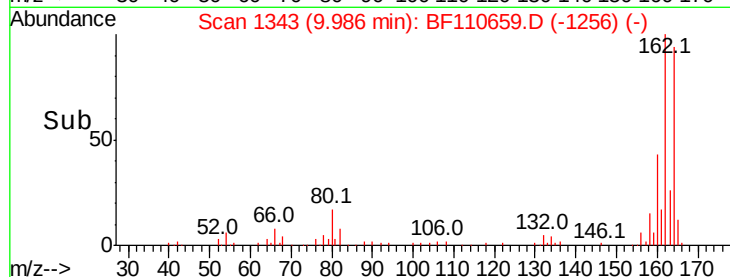
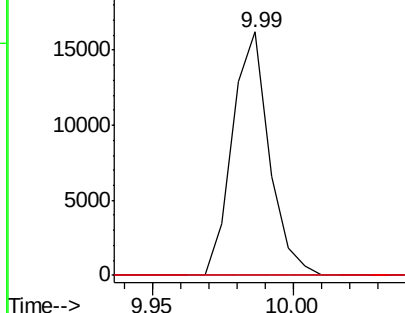
#51
 2,6-Dinitrotoluene
 Concen: 7.830 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110659.D
 Acq: 10 Nov 2018 6:14

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#



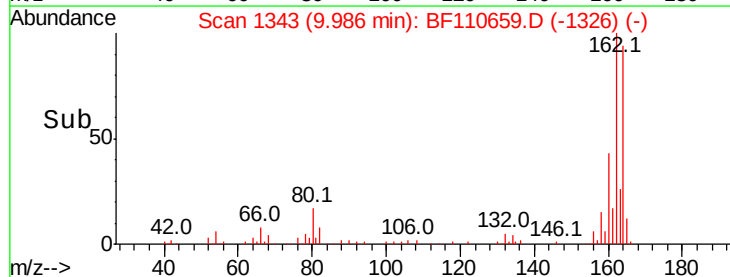
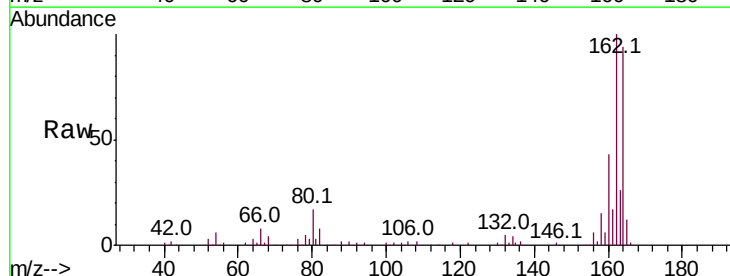
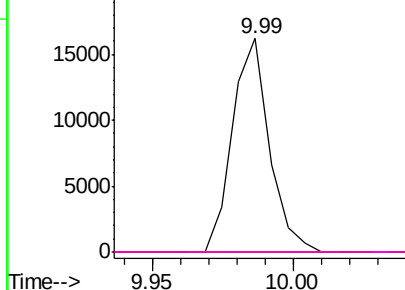
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

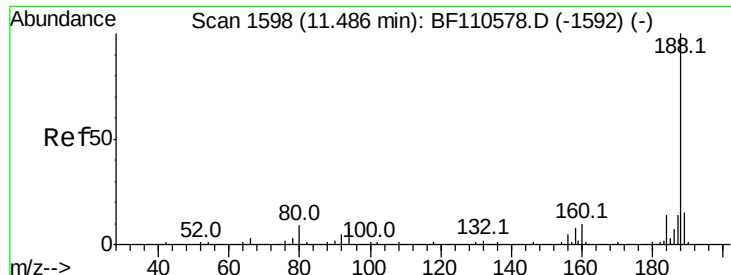


#57
 2,4-Dinitrotoluene
 Concen: 6.022 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110659.D
 Acq: 10 Nov 2018 6:14

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

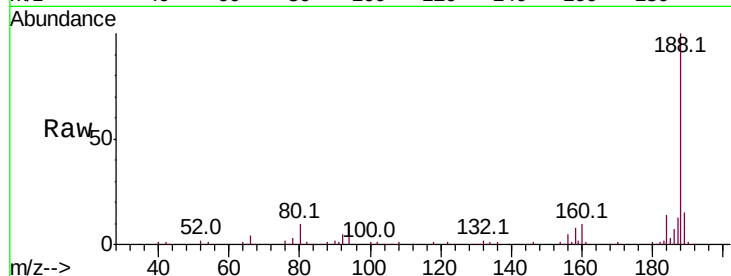




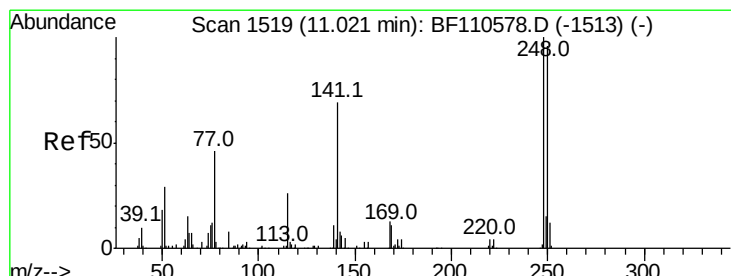
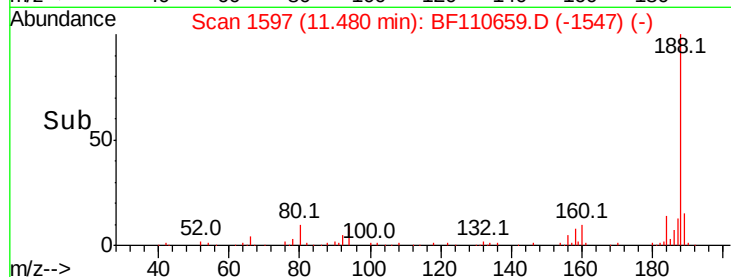
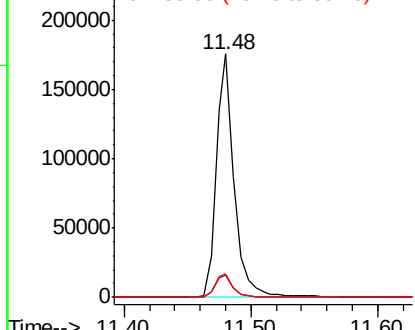
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110659.D
 Acq: 10 Nov 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 174153
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 9.6 7.9 11.9

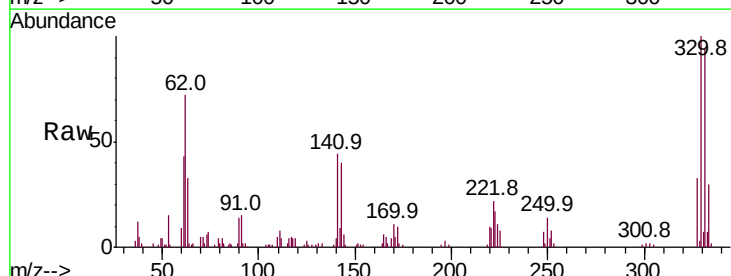


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

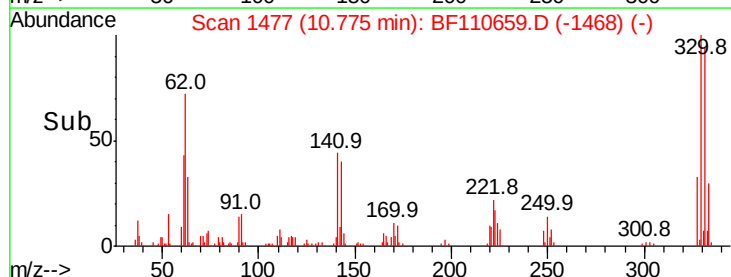
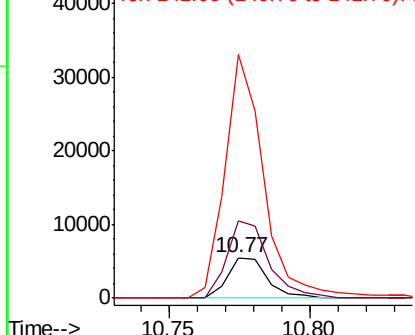


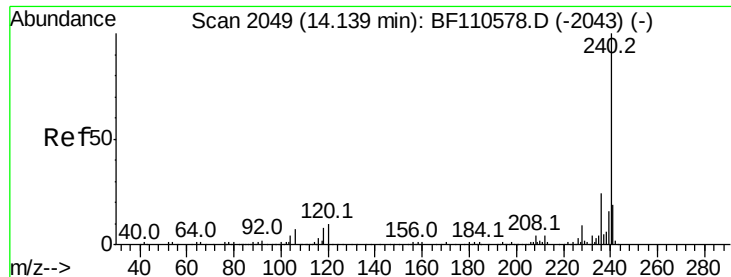
#67
 4-Bromophenyl-phenylether
 Concen: 2.813 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110659.D
 Acq: 10 Nov 2018 6:14

Tgt Ion:248 Resp: 5415
 Ion Ratio Lower Upper
 248 100
 250 189.8 79.4 119.2#
 141 597.9 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: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110659.D

Acq: 10 Nov 2018 6:14

Instrument :

BNA_F

ClientSampleId :

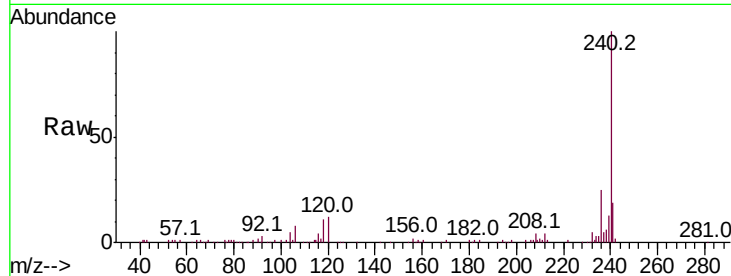
Tot Ion:240 Resp: 128302

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

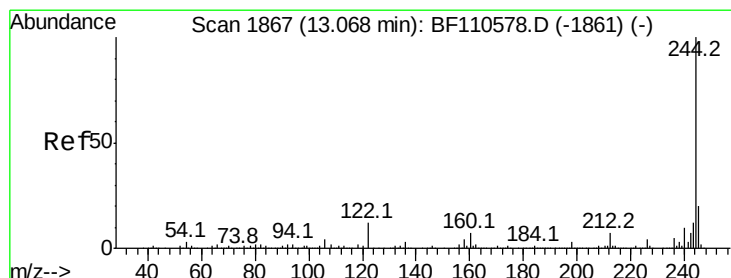
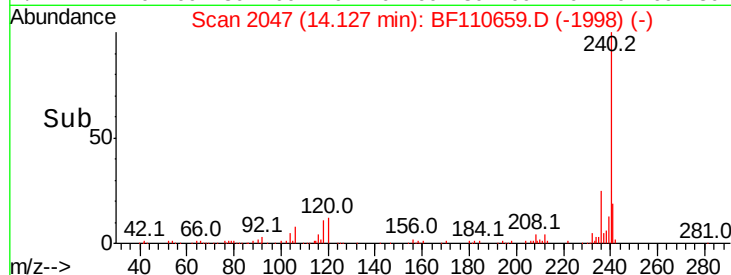
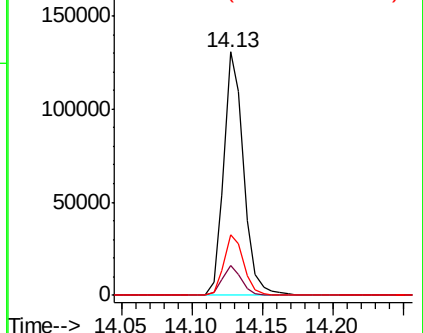
236 25.0 21.2 31.8



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



#79

Terphenyl-d14

Concen: 73.565 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110659.D

Acq: 10 Nov 2018 6:14

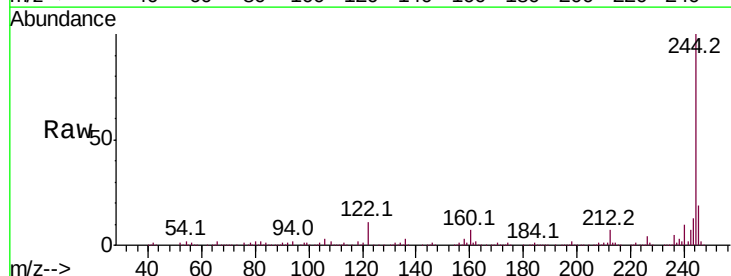
Tgt Ion:244 Resp: 503989

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

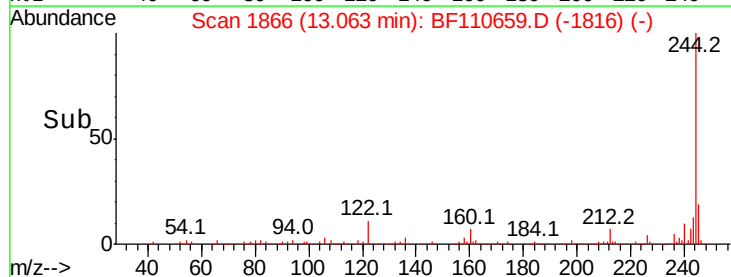
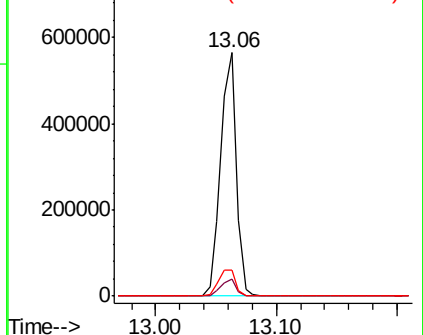
122 10.7 8.7 13.1

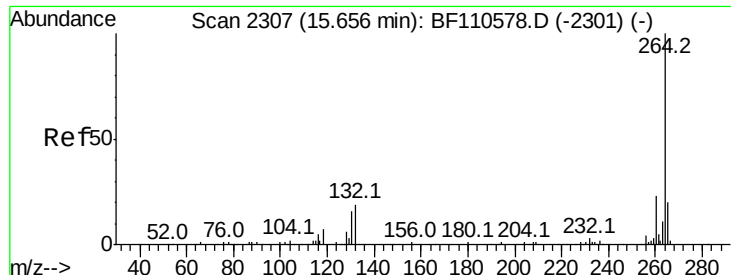


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

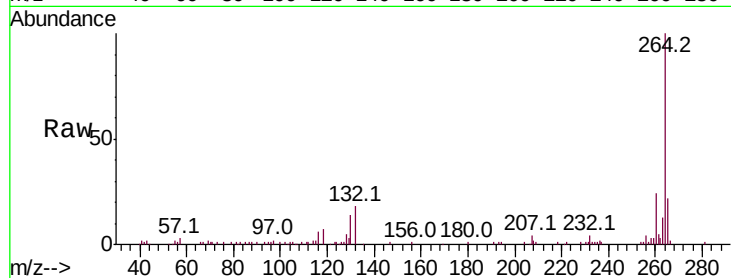




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110659.D
Acq: 10 Nov 2018 6:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	96208
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.0	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

