

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098611.D
 Acq On : 18 Sep 2017 19:30
 Operator : SJ/JU
 Sample : I5253-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:37:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

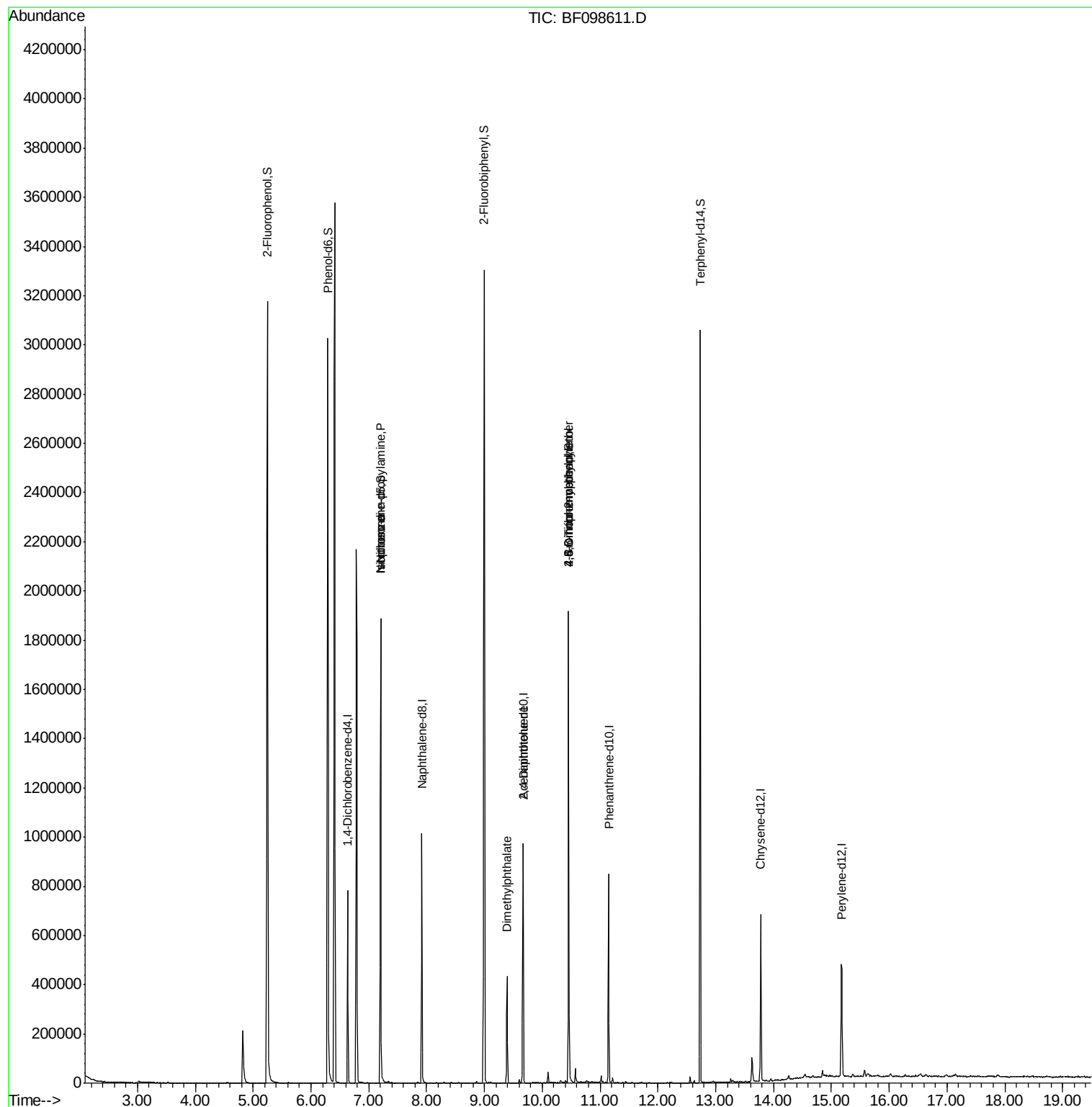
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	105039	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	419393	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	184975	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	314450	20.00	ng	0.00
75) Chrysene-d12	13.78	240	214482	20.00	ng	0.00
86) Perylene-d12	15.17	264	190422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	869052	122.33	ng	0.00
7) Phenol-d6	6.29	99	1069609	118.58	ng	0.00
23) Nitrobenzene-d5	7.20	82	628964	83.61	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	198626	160.89	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1080581	99.01	ng	0.00
78) Terphenyl-d14	12.73	244	897762	90.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	86332	15.216	ng	# 83
25) Isophorone	7.20	82	628958	41.323	ng	# 67
49) Dimethylphthalate	9.39	163	155482	10.859	ng	99
56) 2,4-Dinitrotoluene	9.67	165	23444	6.556	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.46	198	638	5.261	ng	# 1
66) 4-Bromophenyl-phenylether	10.46	248	15155	5.078	ng	# 1

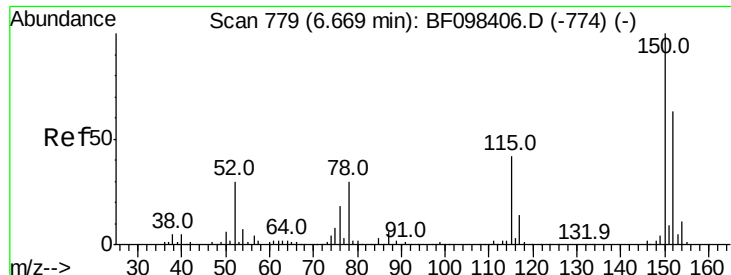
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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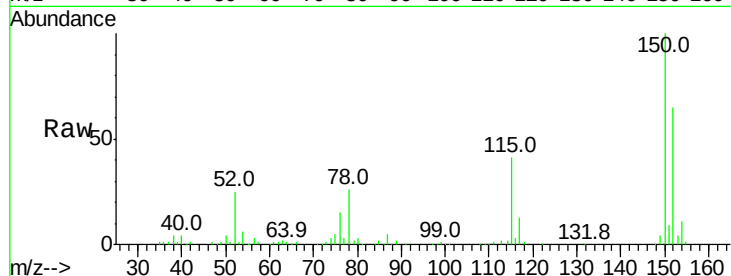


#1

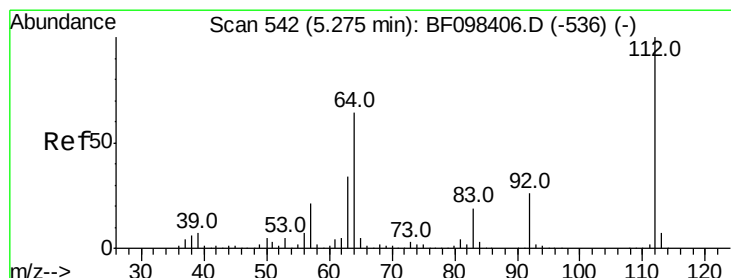
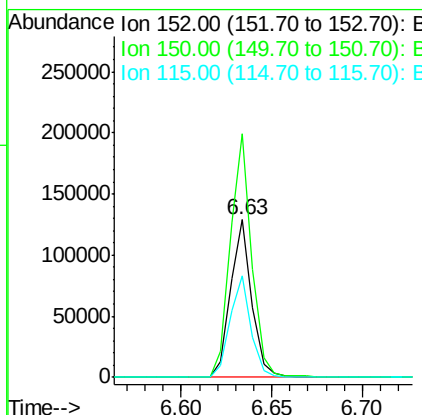
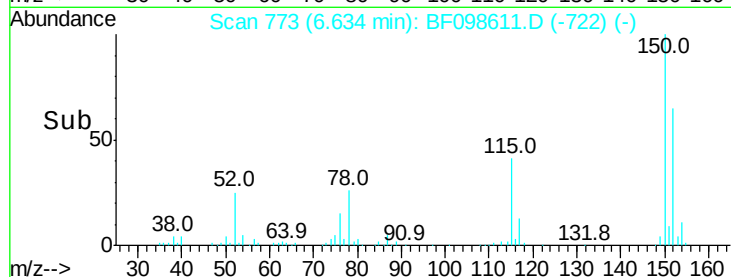
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098611.D
Acq: 18 Sep 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105039
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 64.1 52.2 78.2



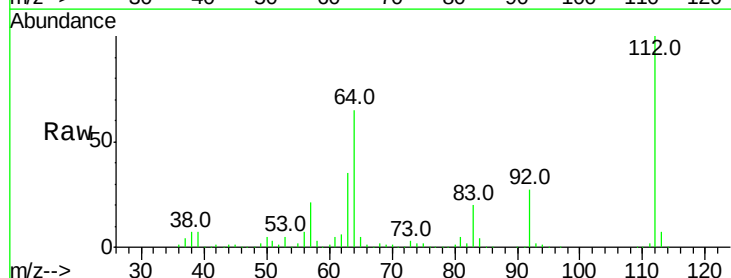
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



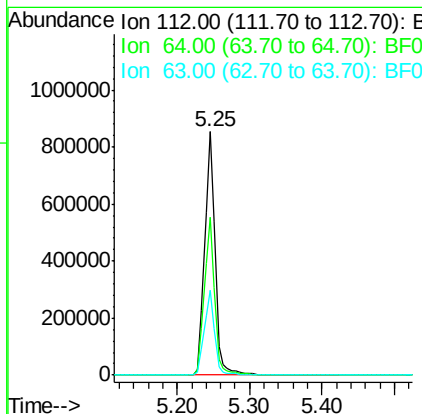
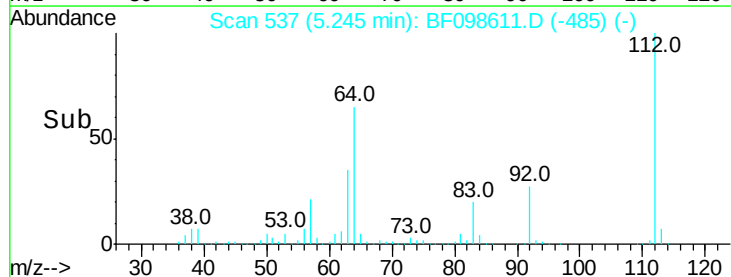
#5

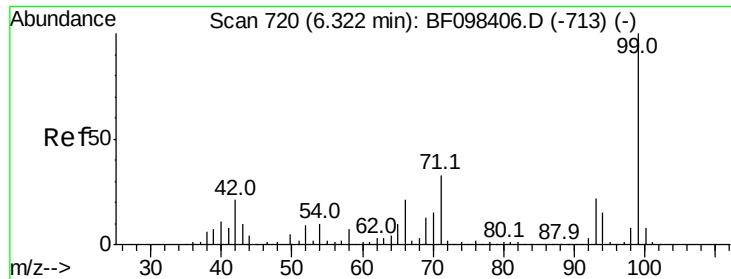
2-Fluorophenol
Concen: 122.327 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098611.D
Acq: 18 Sep 2017 19:30

Tgt Ion:112 Resp: 869052
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 34.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.581 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Instrument :

BNA_F

ClientSampleId :

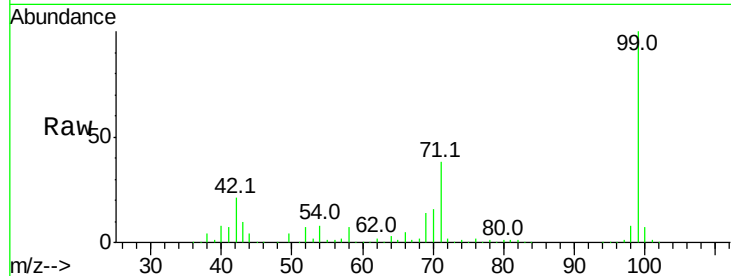
Tot Ion: 99 Resp: 1069609

Ion Ratio Lower Upper

99 100

42 20.5 13.5 20.3#

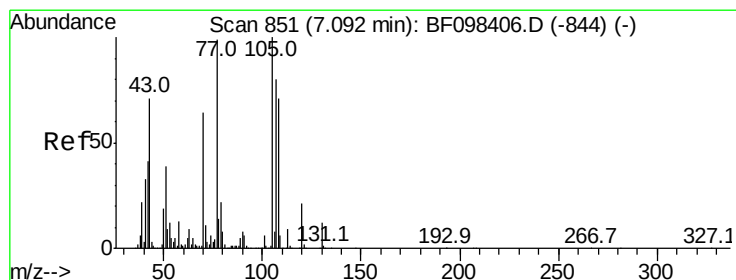
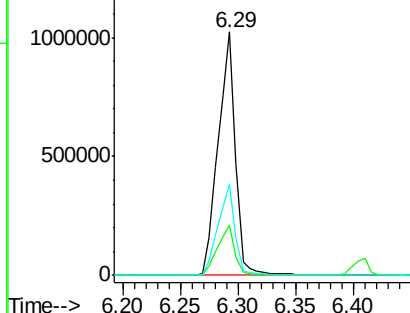
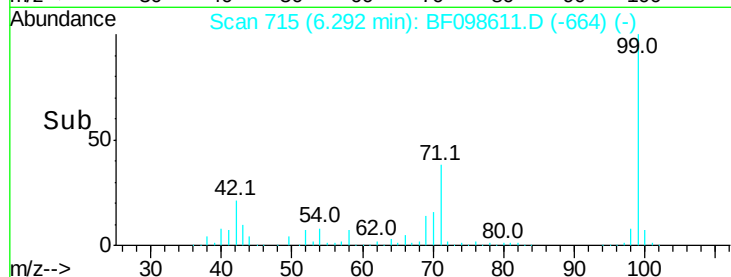
71 37.7 24.5 36.7#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.216 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.15 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Tgt Ion: 70 Resp: 86332

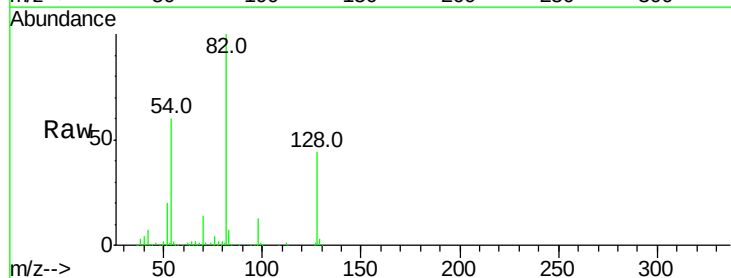
Ion Ratio Lower Upper

70 100

42 52.4 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

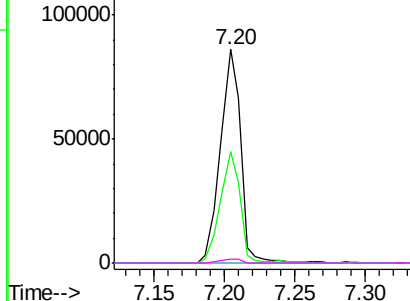
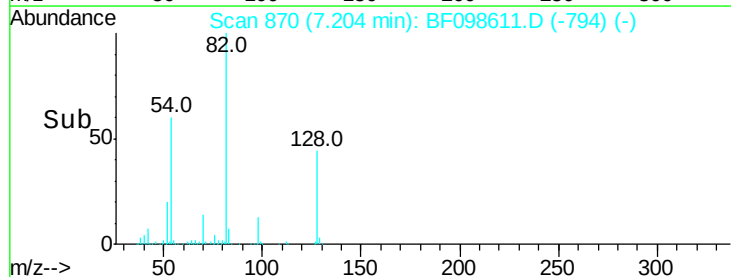


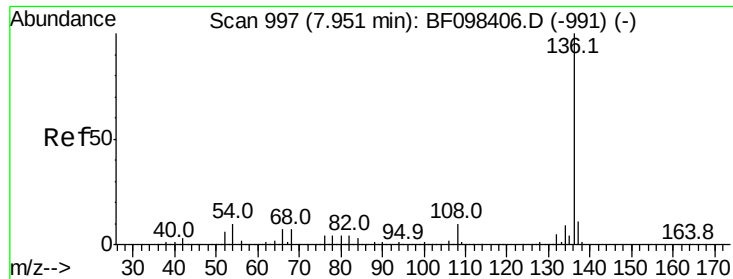
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

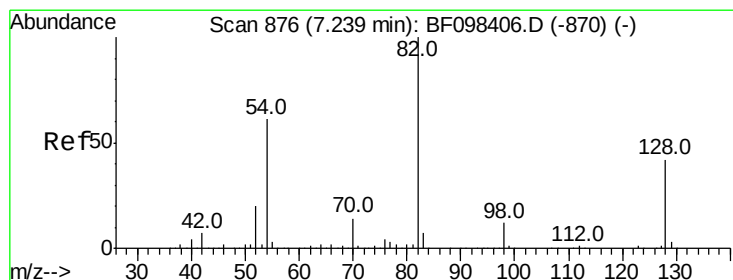
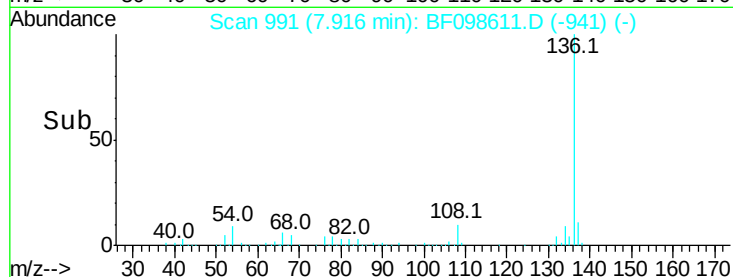
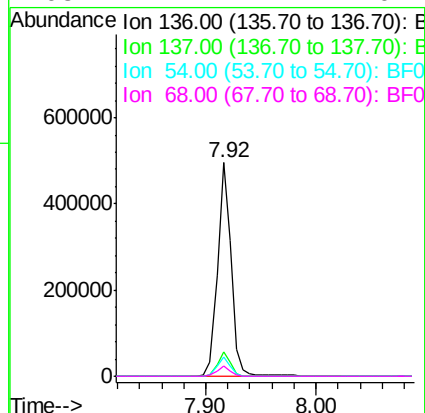
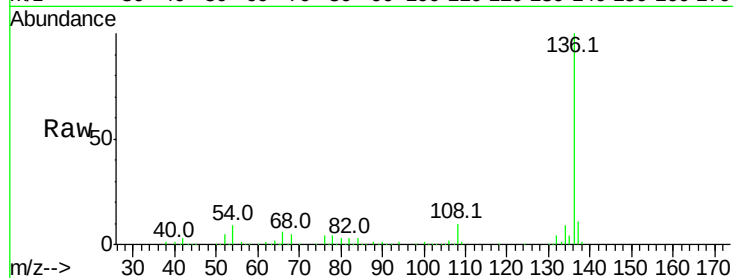




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098611.D
Acq: 18 Sep 2017 19:30

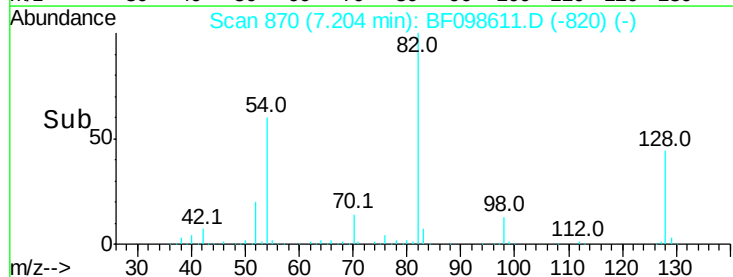
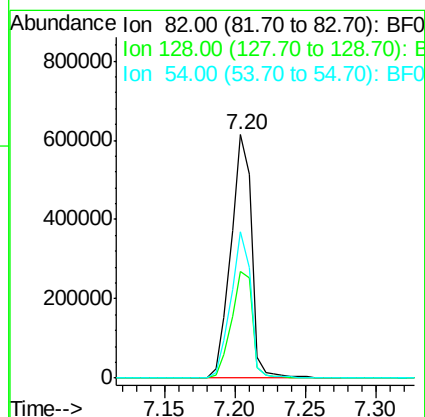
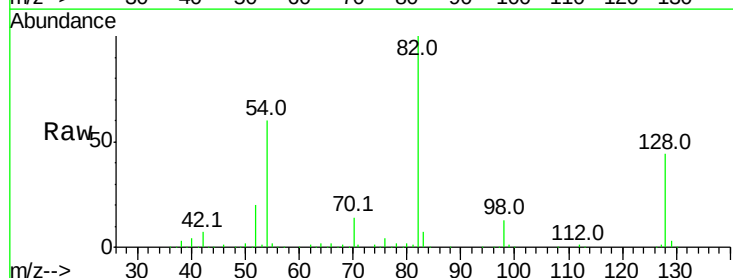
Instrument :
BNA_F
ClientSampleId :

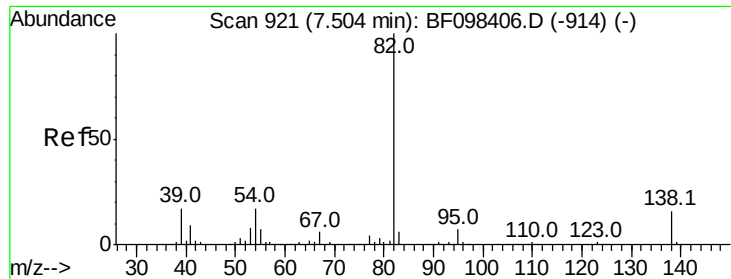
Tot Ion:	136	Resp:	419393
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	8.9	4.9	7.3#
68	4.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 83.608 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098611.D
Acq: 18 Sep 2017 19:30

Tgt Ion:	82	Resp:	628964
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	60.0	42.2	63.2





#25

Isophorone

Concen: 41.323 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.26 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Instrument :

BNA_F

ClientSampleId :

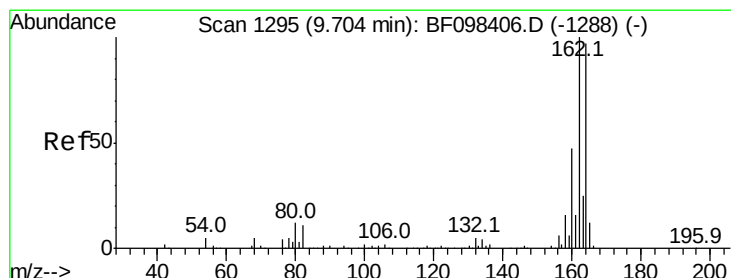
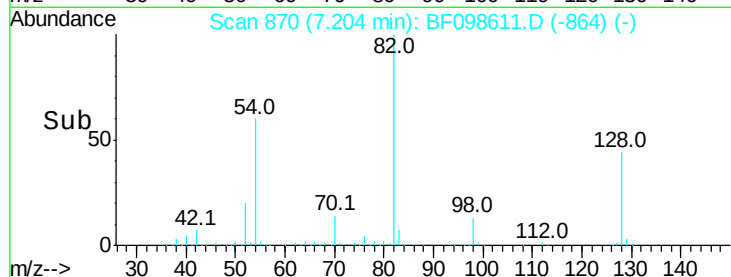
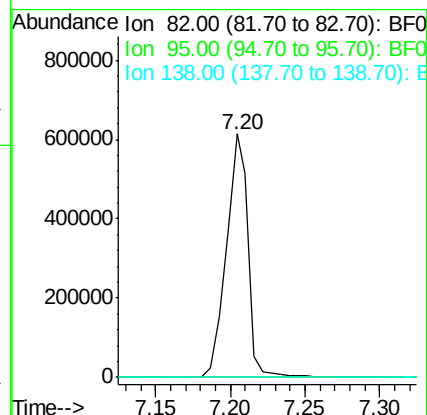
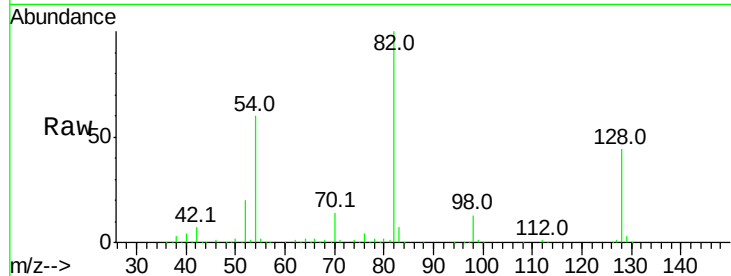
Tot Ion: 82 Resp: 628958

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

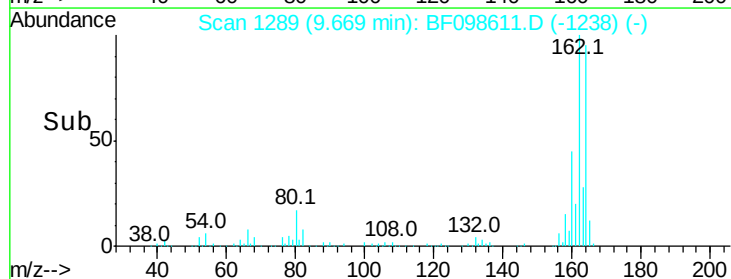
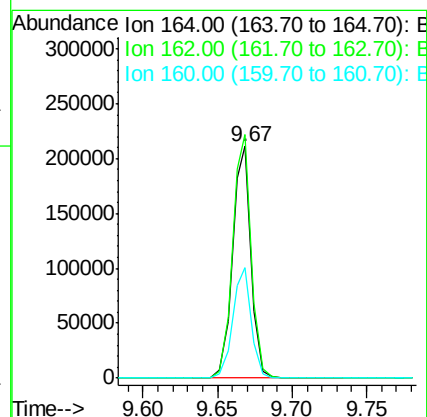
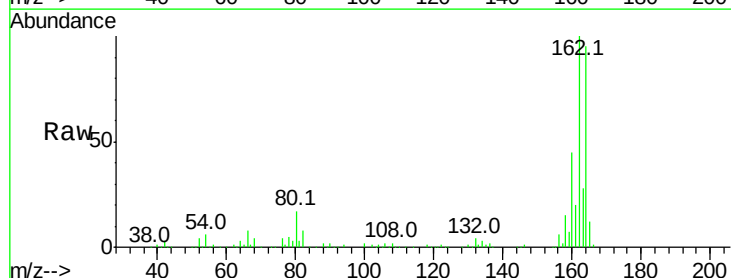
Tgt Ion:164 Resp: 184975

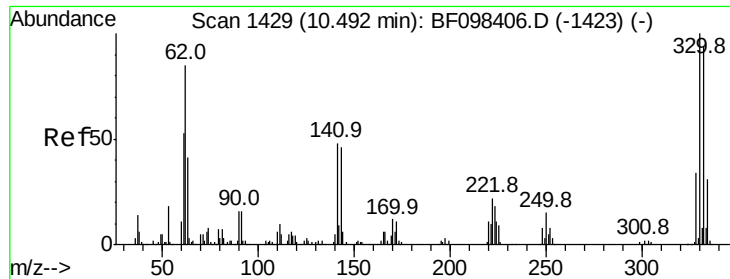
Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

160 47.6 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 160.888 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Instrument :

BNA_F

ClientSampleId :

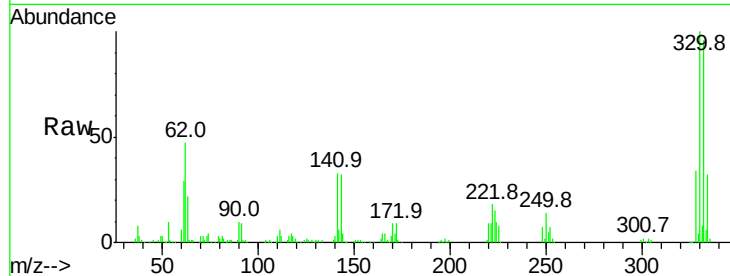
Tot Ion:330 Resp: 198626

Ion Ratio Lower Upper

330 100

332 94.0 76.6 115.0

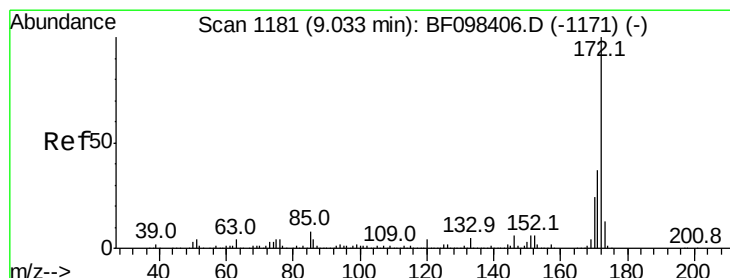
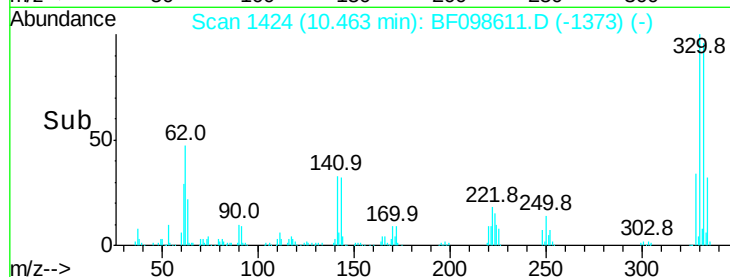
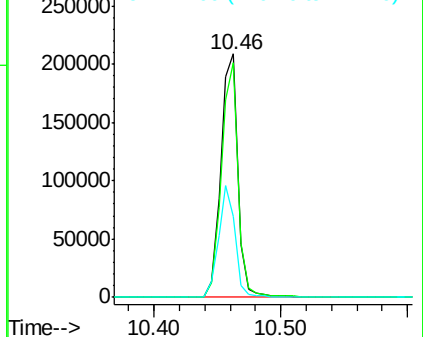
141 44.9 31.4 47.2



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



#44

2-Fluorobiphenyl

Concen: 99.013 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

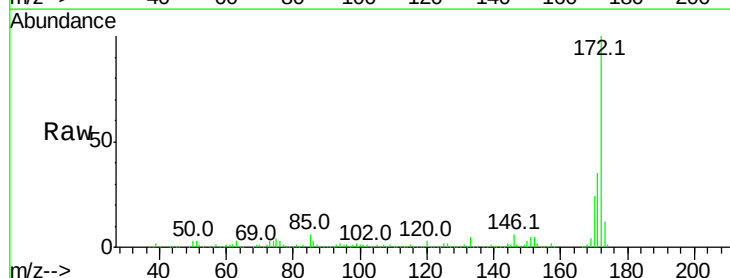
Tgt Ion:172 Resp: 1080581

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

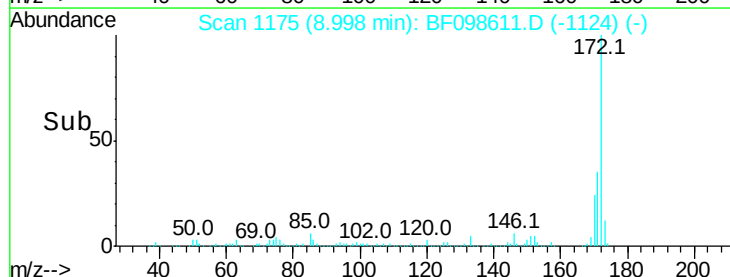
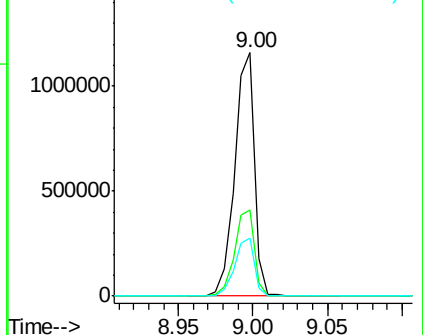
170 23.7 19.8 29.8

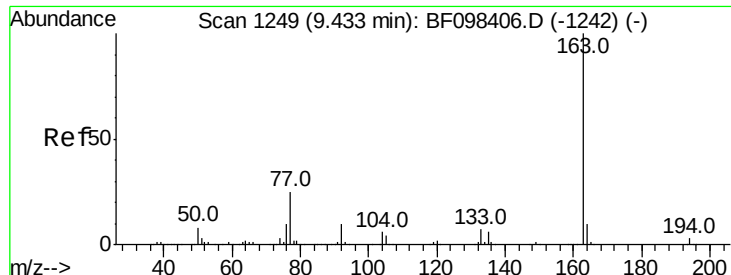


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.859 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Instrument :

BNA_F

ClientSampleId :

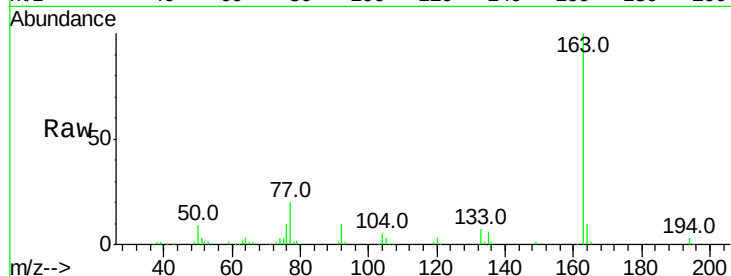
Tot Ion:163 Resp: 155482

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

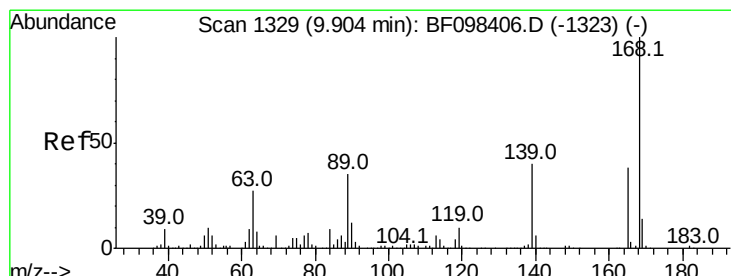
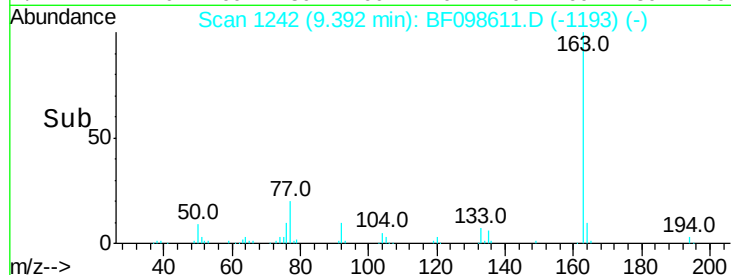
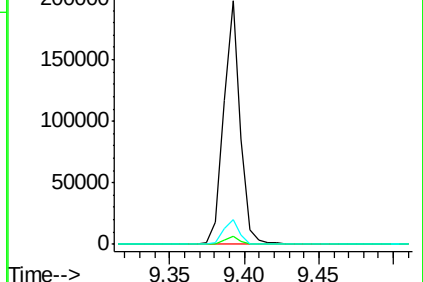
164 10.1 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.556 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.21 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Tgt Ion:165 Resp: 23444

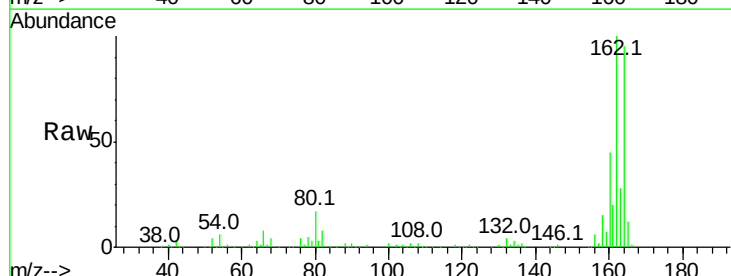
Ion Ratio Lower Upper

165 100

63 2.1 25.4 38.0#

89 2.1 46.4 69.6#

182 0.0 1.8 2.6#

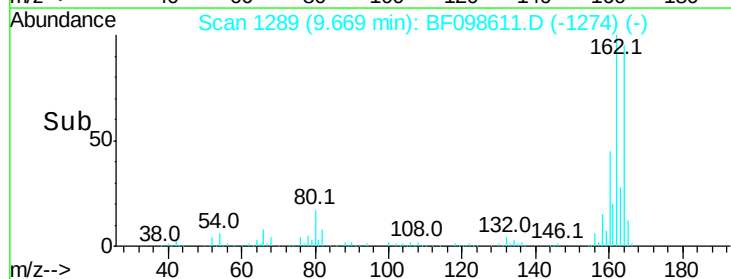
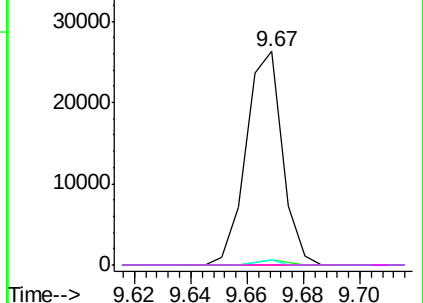


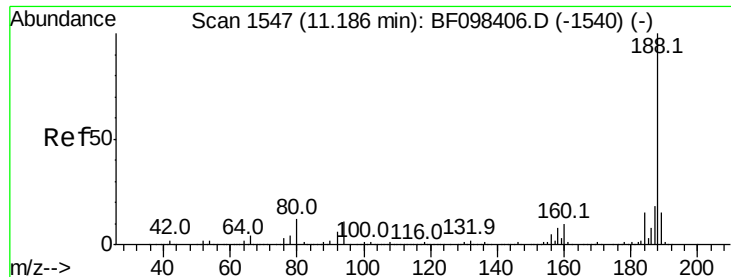
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

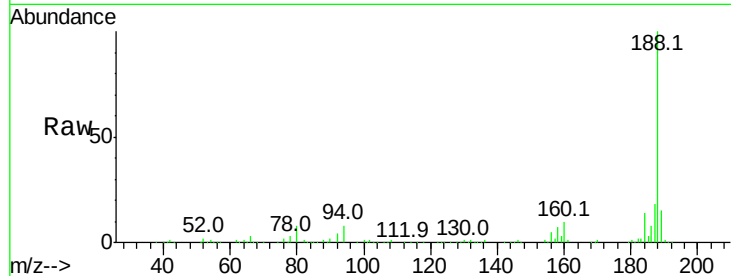




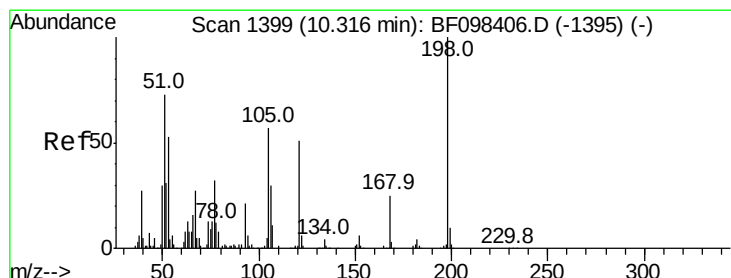
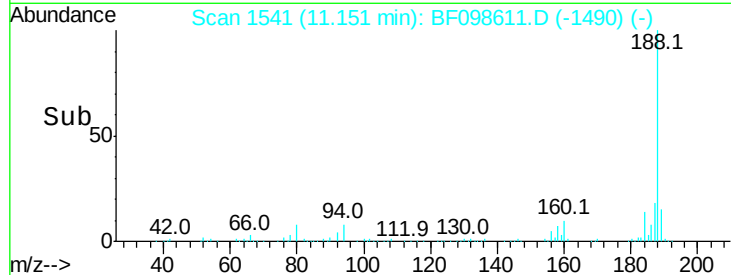
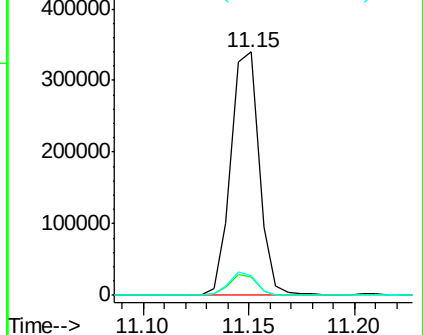
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF098611.D
 Acq: 18 Sep 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 314450
 Ion Ratio Lower Upper
 188 100
 94 7.8 9.4 14.2#
 80 8.2 10.2 15.2#

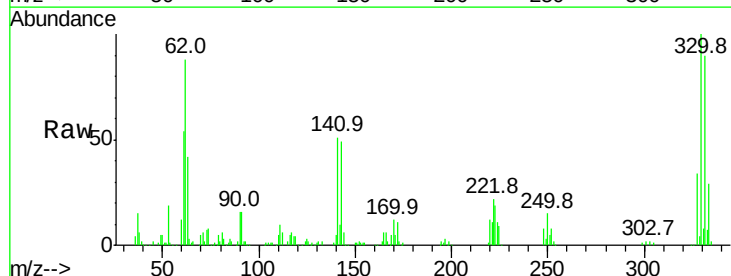


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

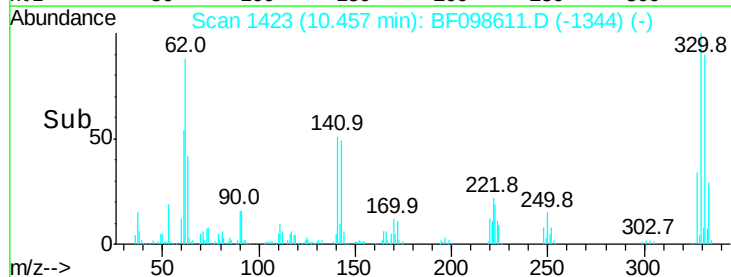
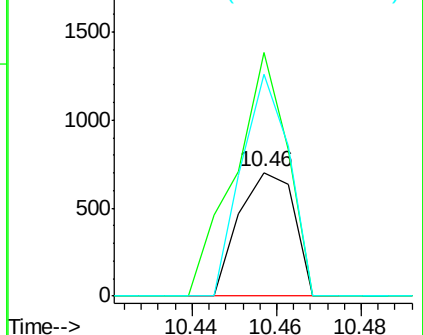


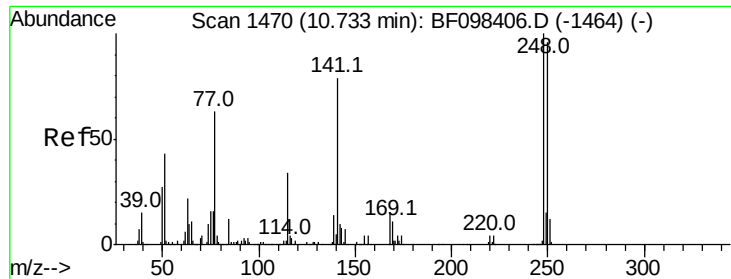
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.261 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.16 min
 Lab File: BF098611.D
 Acq: 18 Sep 2017 19:30

Tgt Ion:198 Resp: 638
 Ion Ratio Lower Upper
 198 100
 51 196.6 53.2 93.2#
 105 179.1 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

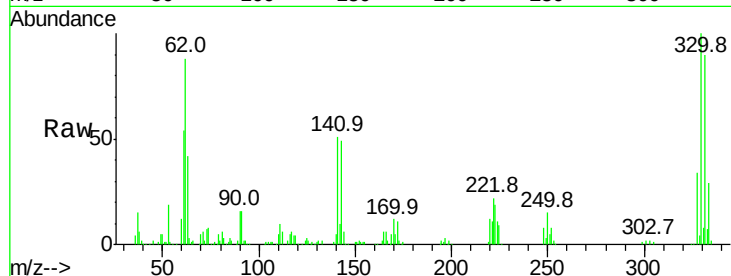




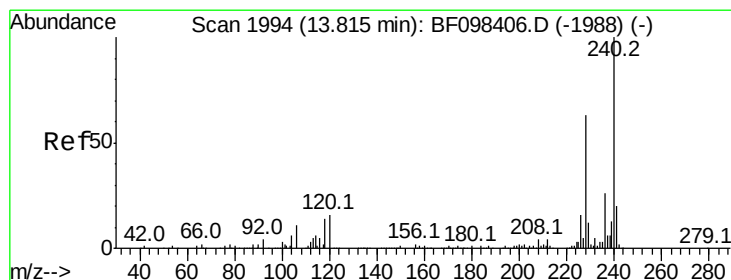
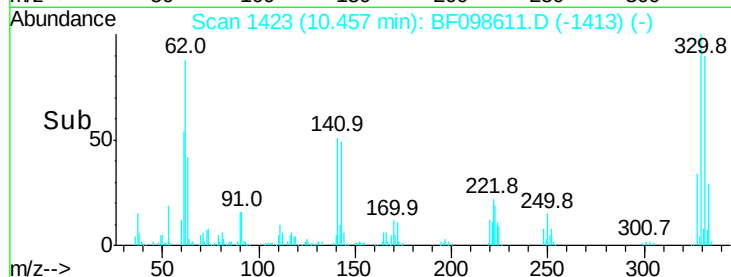
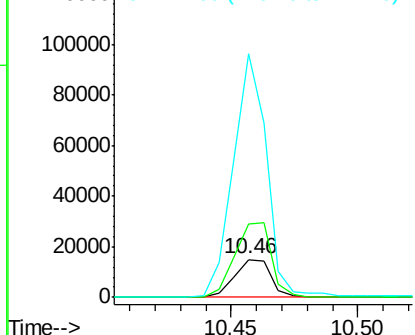
#66
 4-Bromophenyl-phenylether
 Concen: 5.078 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.24 min
 Lab File: BF098611.D
 Acq: 18 Sep 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15155
 Ion Ratio Lower Upper
 248 100
 250 192.7 76.8 115.2#
 141 644.4 68.6 103.0#

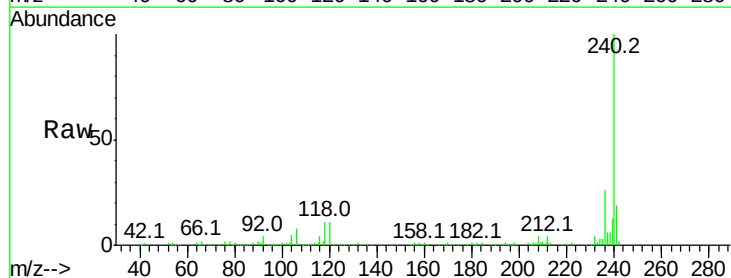


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

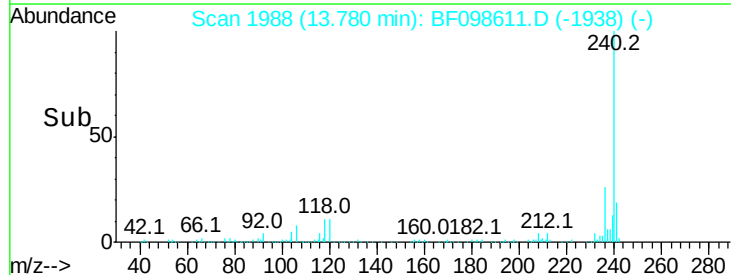
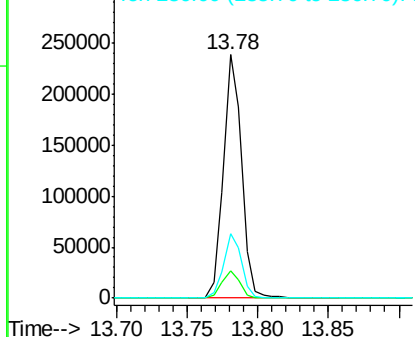


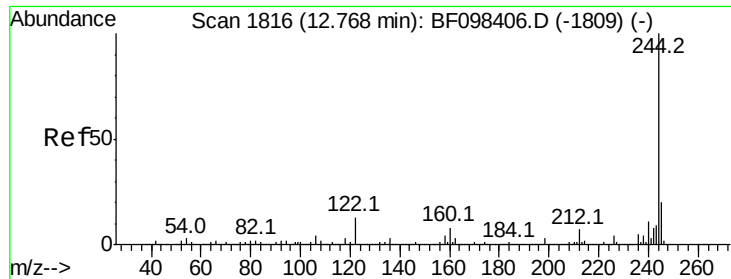
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF098611.D
 Acq: 18 Sep 2017 19:30

Tgt Ion:240 Resp: 214482
 Ion Ratio Lower Upper
 240 100
 120 11.2 5.8 8.8#
 236 26.3 20.5 30.7



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

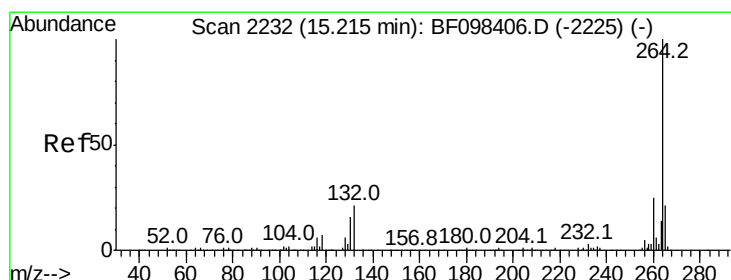
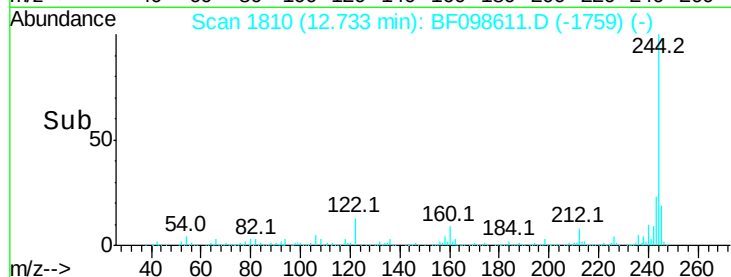
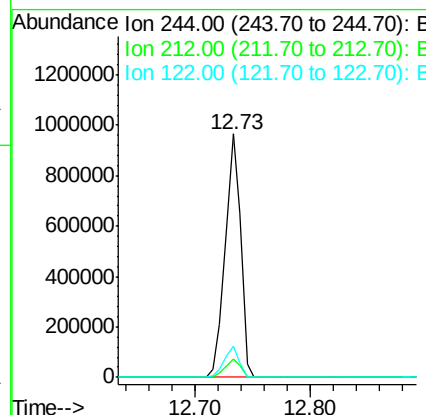
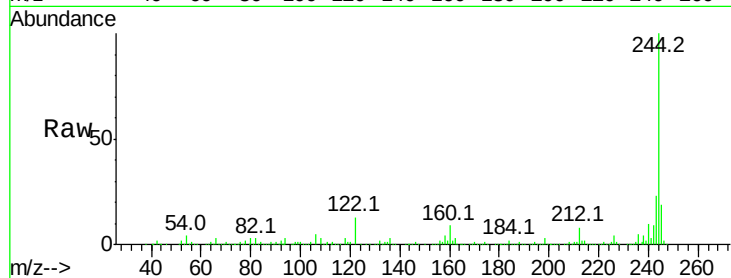




#78
 Terphenyl-d14
 Concen: 90.347 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF098611.D
 Acq: 18 Sep 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 897762
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 12.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF098611.D
 Acq: 18 Sep 2017 19:30

Tgt Ion:264 Resp: 190422
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.9 17.2 25.8

