

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098610.D
 Acq On : 18 Sep 2017 19:02
 Operator : SJ/JU
 Sample : I5254-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:37:08 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

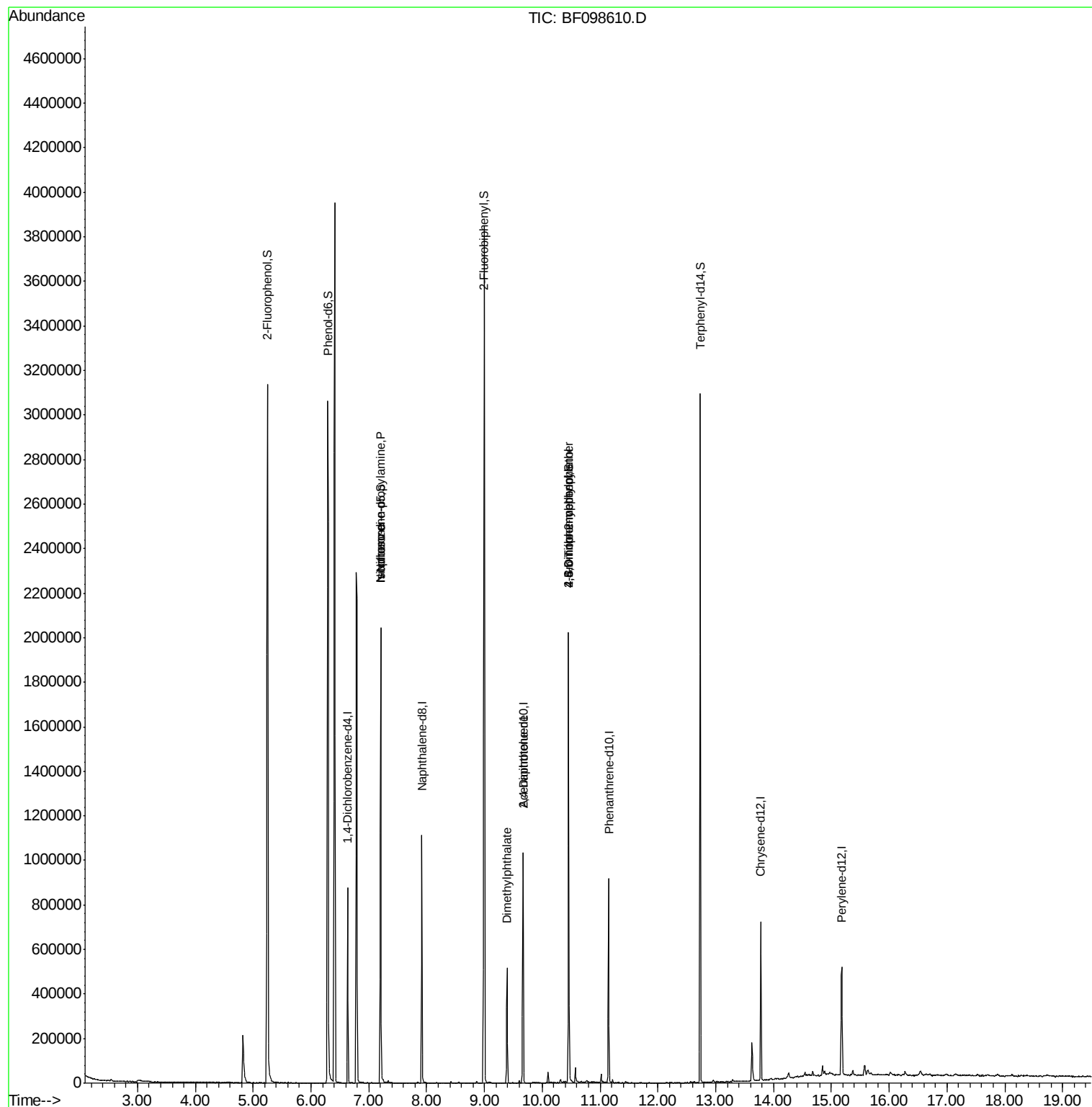
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	113192	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	455658	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	200424	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	339509	20.00	ng	0.00
75) Chrysene-d12	13.78	240	229343	20.00	ng	0.00
86) Perylene-d12	15.18	264	204230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	951136	124.24	ng	0.01
7) Phenol-d6	6.29	99	1195367	122.98	ng	0.00
23) Nitrobenzene-d5	7.21	82	706339	86.42	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	218227	163.14	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1183554	100.09	ng	0.00
78) Terphenyl-d14	12.73	244	956743	90.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	96135	15.723	ng	# 80
25) Isophorone	7.21	82	706334	42.713	ng	# 67
49) Dimethylphthalate	9.39	163	182444	11.760	ng	# 99
56) 2,4-Dinitrotoluene	9.67	165	25809	6.661	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.46	198	793	5.306	ng	# 1
66) 4-Bromophenyl-phenylether	10.46	248	17474	5.423	ng	# 1

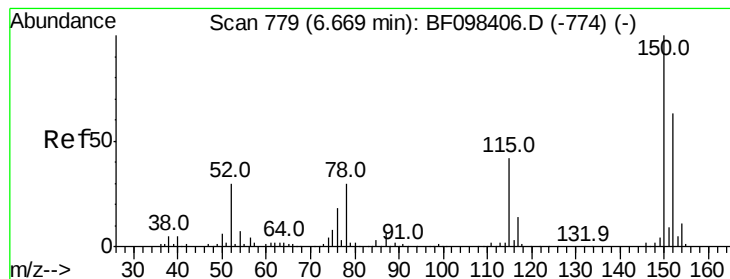
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF098610.D

Acq: 18 Sep 2017 19:02

Instrument :

BNA_F

ClientSampleId :

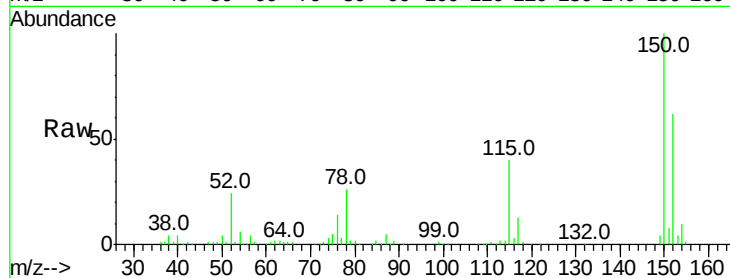
Tot Ion:152 Resp: 113192

Ion Ratio Lower Upper

152 100

150 161.0 126.2 189.2

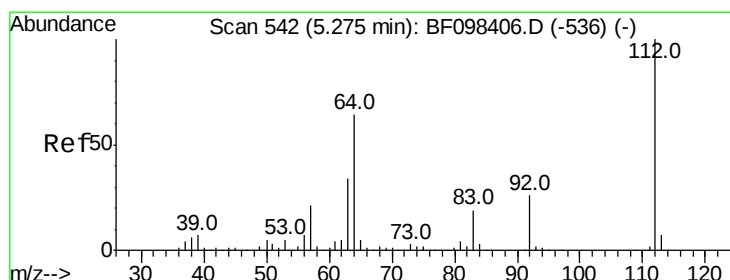
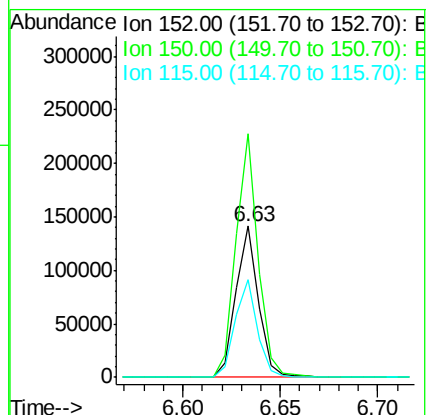
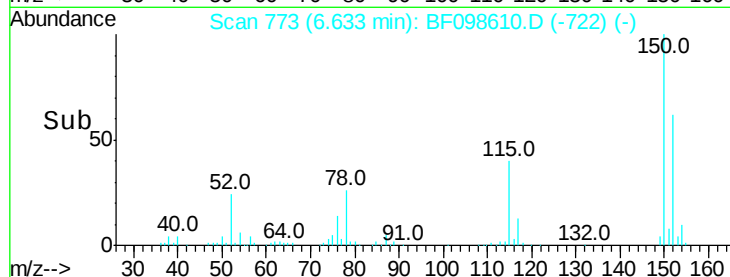
115 64.8 52.2 78.2



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: 124.238 ng

RT: 5.25 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF098610.D

Acq: 18 Sep 2017 19:02

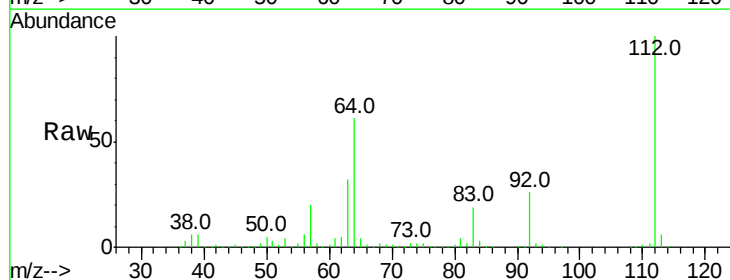
Tgt Ion:112 Resp: 951136

Ion Ratio Lower Upper

112 100

64 60.7 46.0 69.0

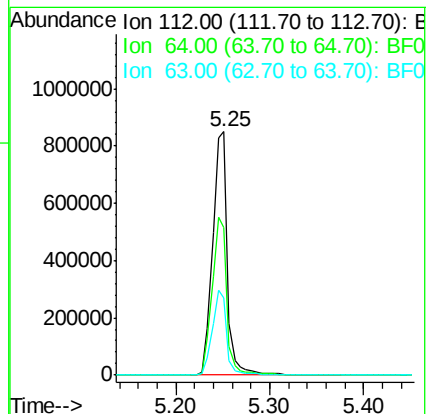
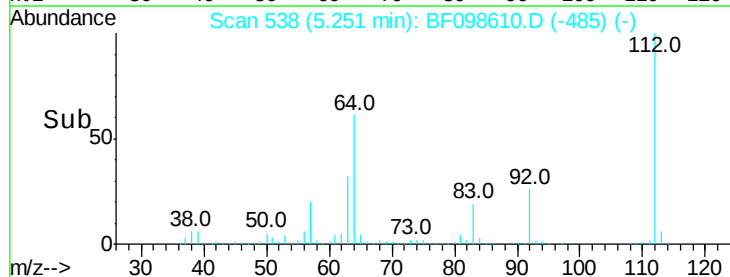
63 31.8 23.4 35.0

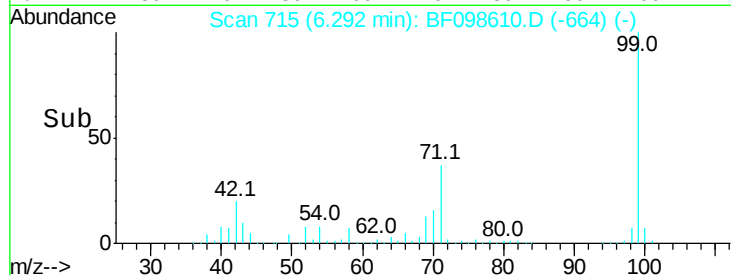
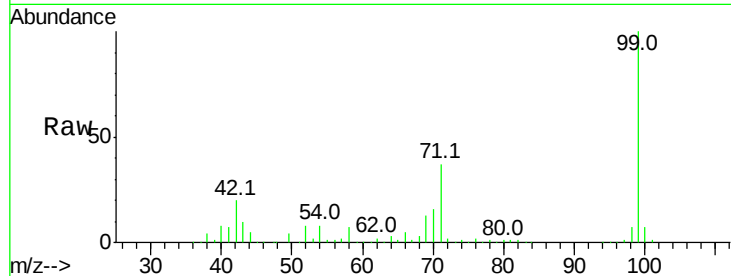


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.977 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098610.D

Acq: 18 Sep 2017 19:02

Instrument :

BNA_F

ClientSampled :

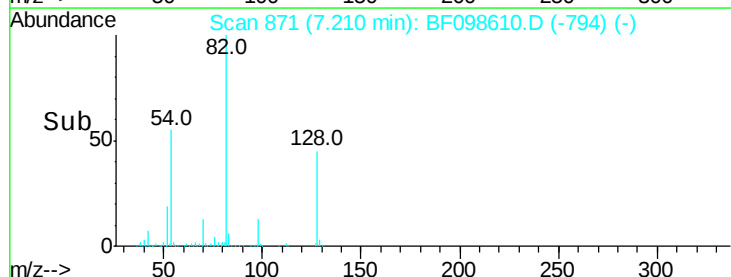
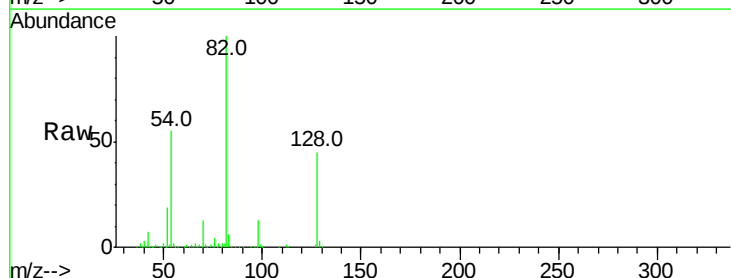
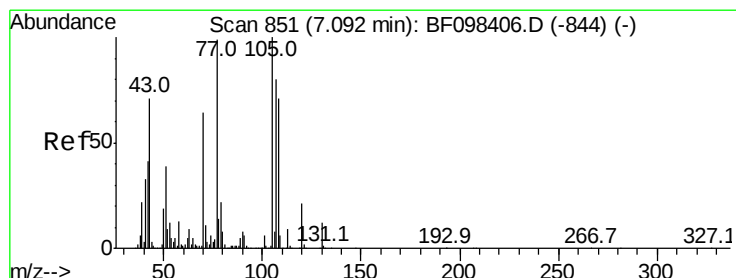
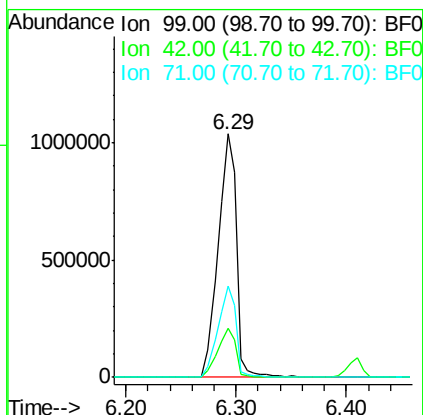
Tot Ion: 99 Resp: 1195367

Ion Ratio Lower Upper

99 100

42 20.3 13.5 20.3#

71 37.5 24.5 36.7#



#19

n-Nitroso-di-n-propylamine

Concen: 15.723 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.15 min

Lab File: BF098610.D

Acq: 18 Sep 2017 19:02

Tgt Ion: 70 Resp: 96135

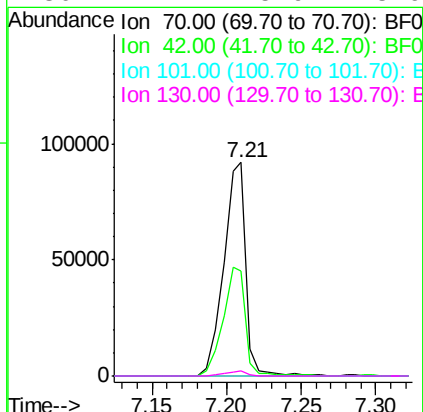
Ion Ratio Lower Upper

70 100

42 49.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098610.D

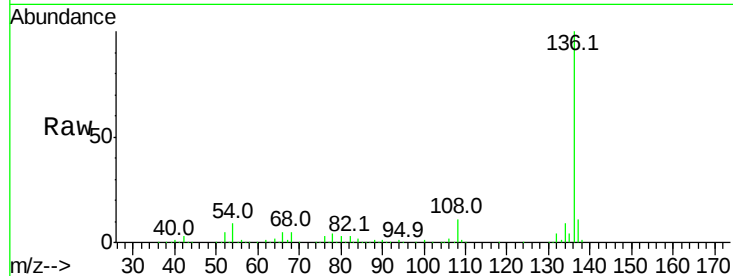
Acq: 18 Sep 2017 19:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	455658
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.9	4.9	7.3#
68	5.1	4.1	6.1

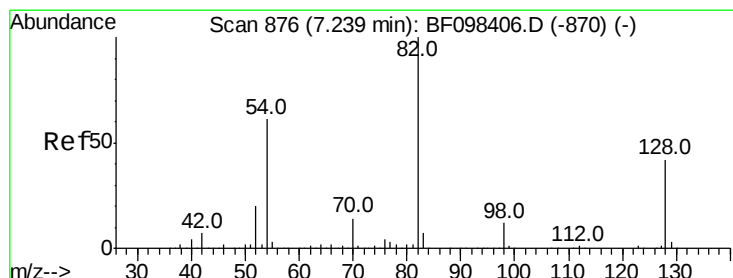
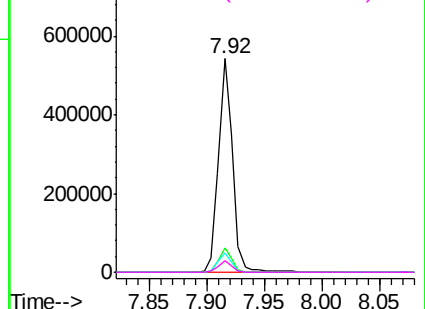
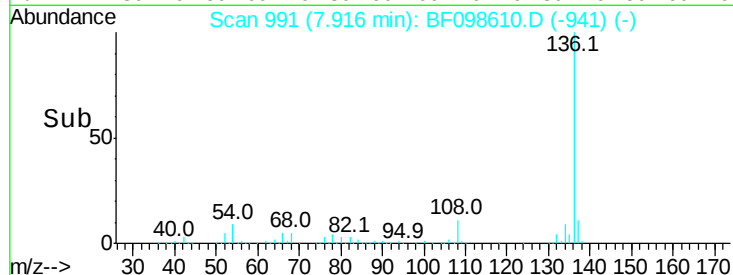


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 86.420 ng

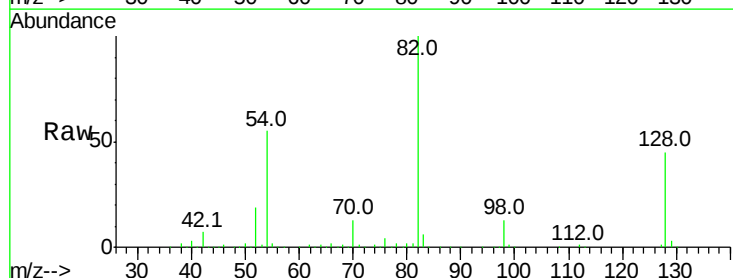
RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF098610.D

Acq: 18 Sep 2017 19:02

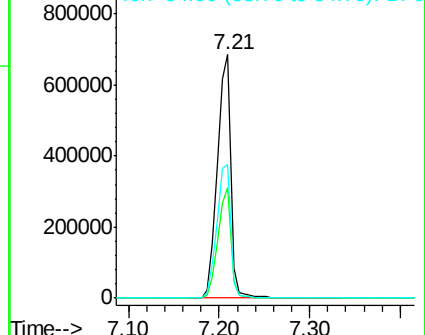
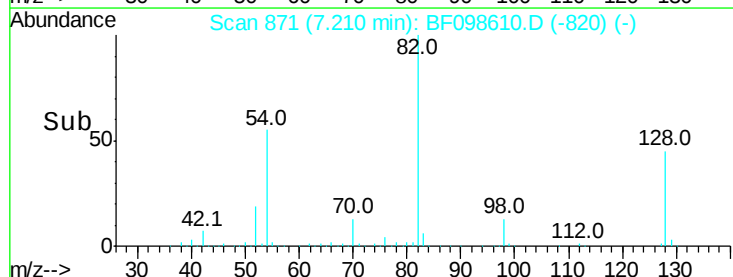
Tgt Ion:	82	Resp:	706339
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	54.9	42.2	63.2

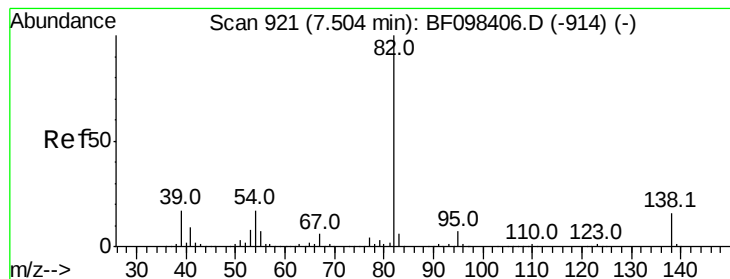


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.713 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.26 min

Lab File: BF098610.D

Acq: 18 Sep 2017 19:02

Instrument :

BNA_F

ClientSampleId :

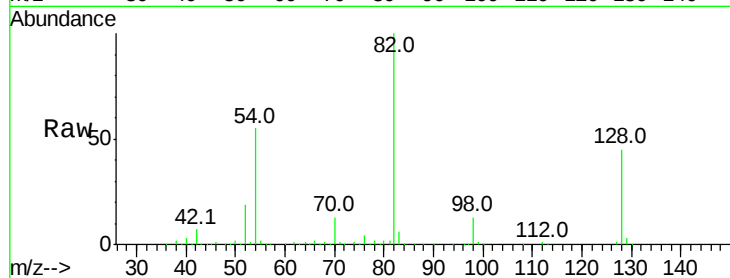
Tot Ion: 82 Resp: 706334

Ion Ratio Lower Upper

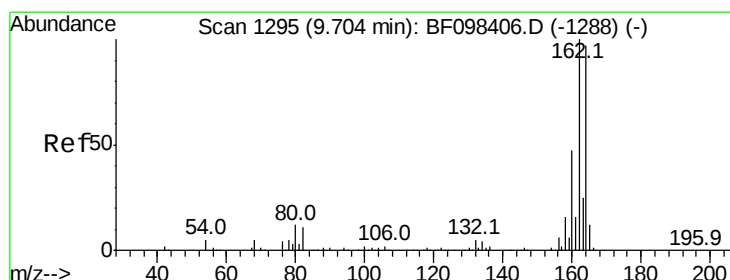
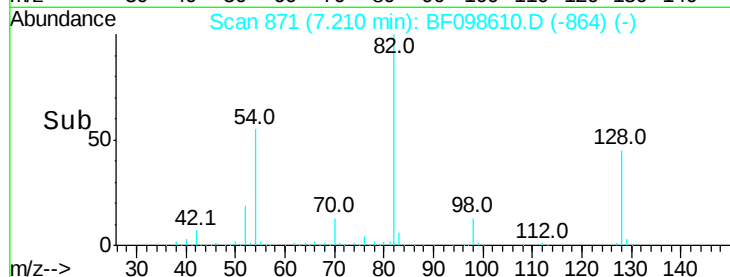
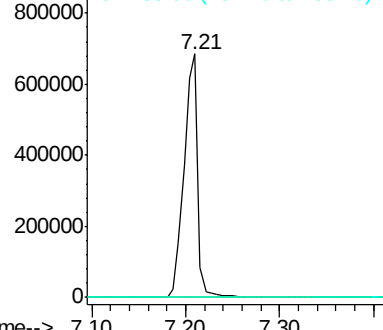
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF098610.D

Acq: 18 Sep 2017 19:02

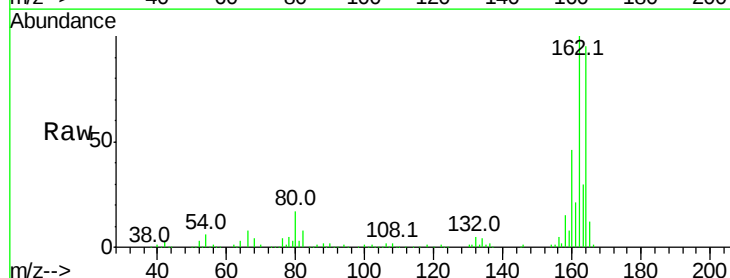
Tgt Ion:164 Resp: 200424

Ion Ratio Lower Upper

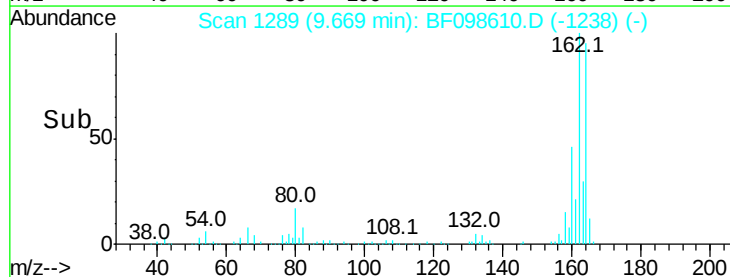
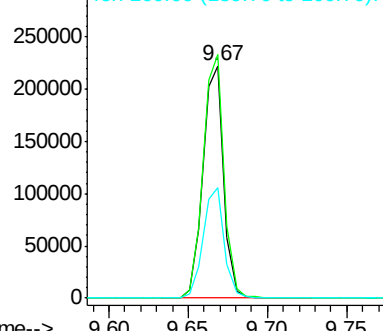
164 100

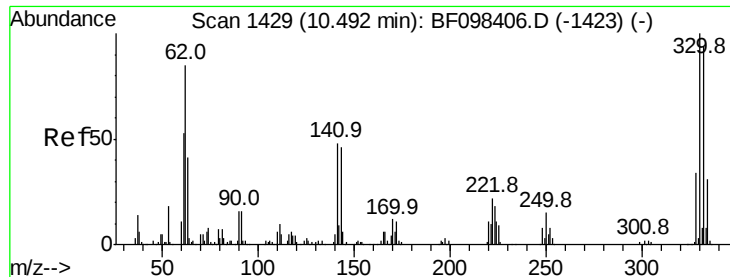
162 104.8 82.6 123.8

160 47.7 36.2 54.2



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

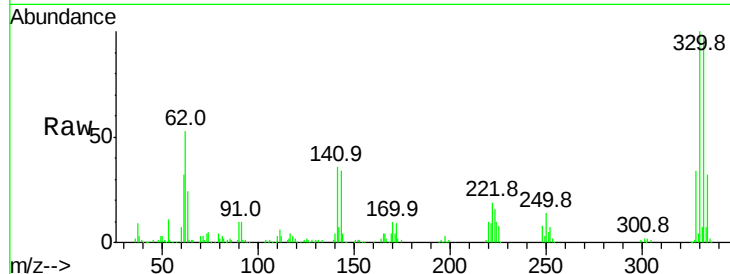




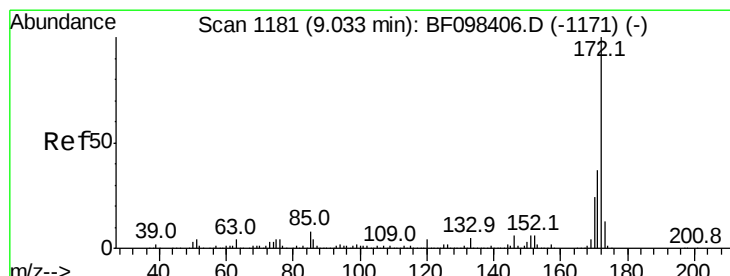
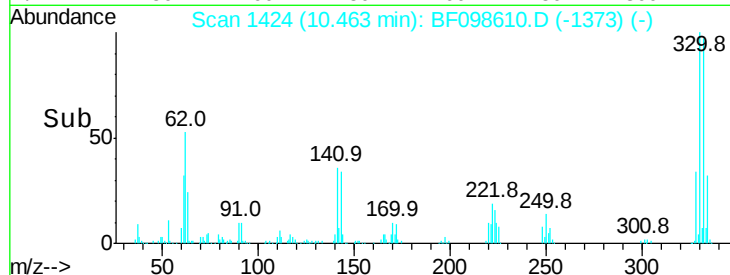
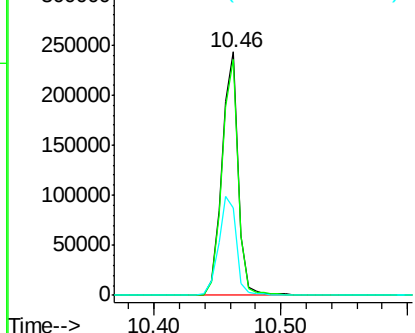
#41
 2,4,6-Tribromophenol
 Concen: 163.140 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF098610.D
 Acq: 18 Sep 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 218227
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 44.4 31.4 47.2

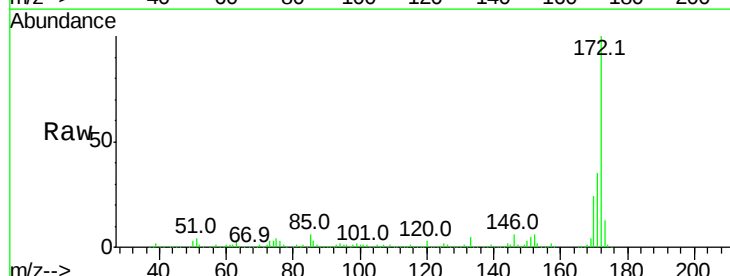


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

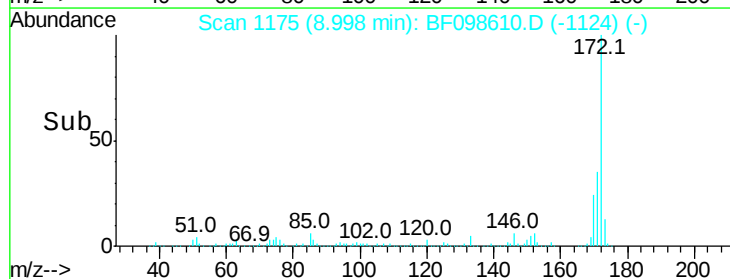
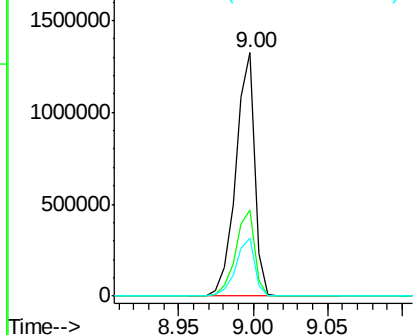


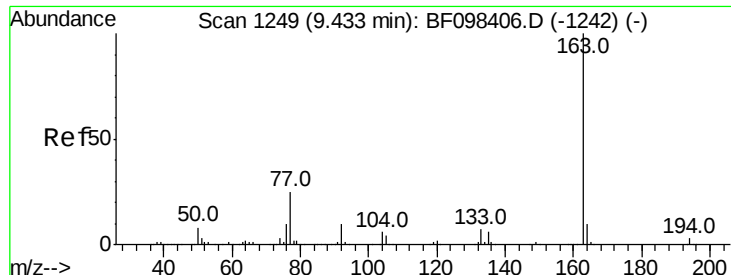
#44
 2-Fluorobiphenyl
 Concen: 100.089 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098610.D
 Acq: 18 Sep 2017 19:02

Tgt Ion:172 Resp: 1183554
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.8 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

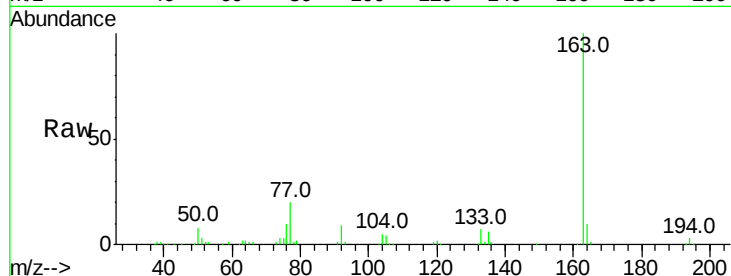




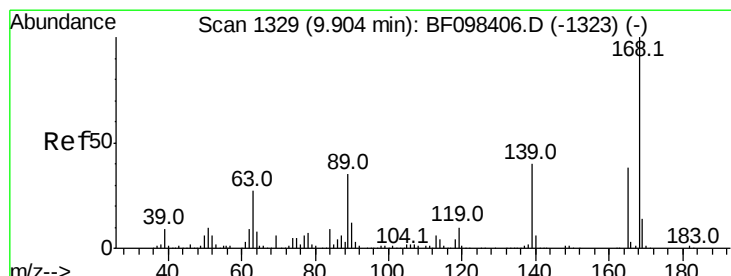
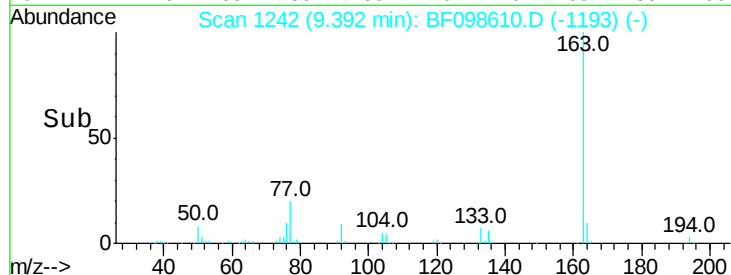
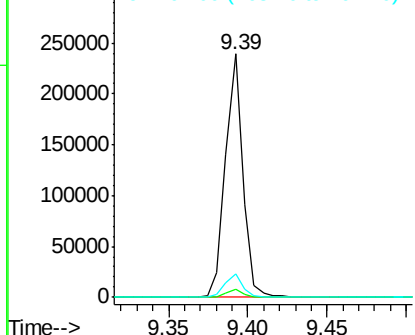
#49
Dimethylphthalate
Concen: 11.760 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098610.D
Acq: 18 Sep 2017 19:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 182444
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 8.4 12.6

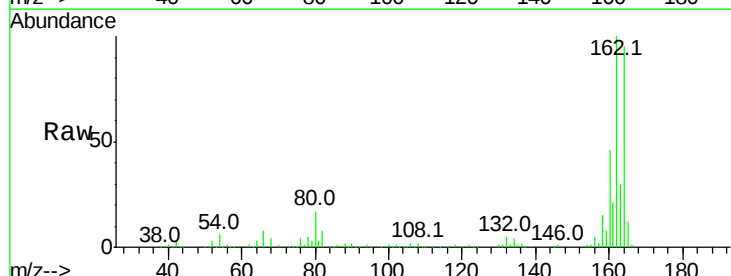


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

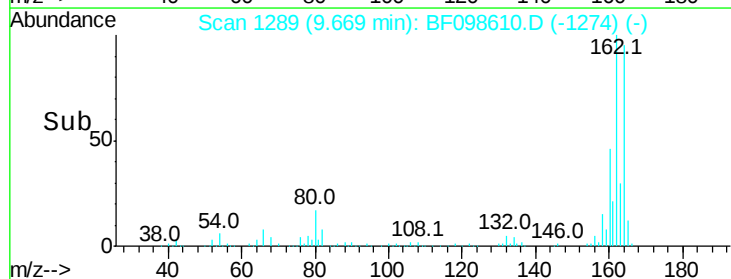
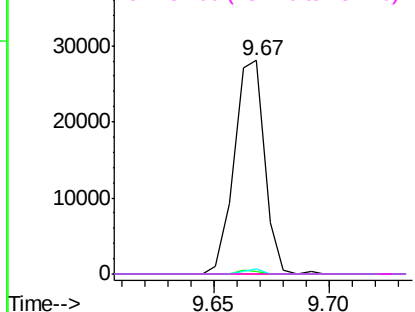


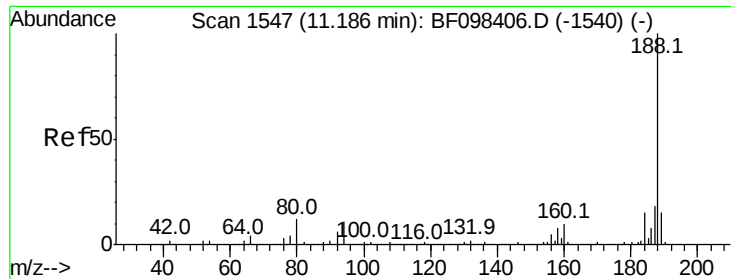
#56
2,4-Dinitrotoluene
Concen: 6.661 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.21 min
Lab File: BF098610.D
Acq: 18 Sep 2017 19:02

Tgt Ion:165 Resp: 25809
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 2.2 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

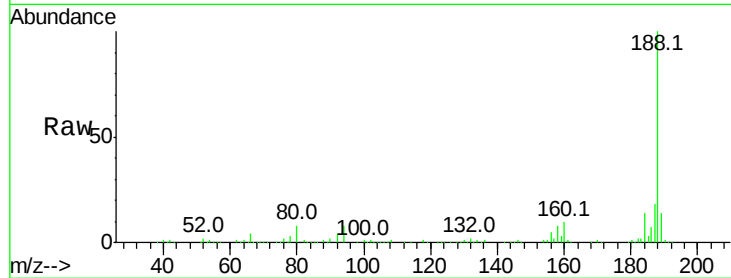




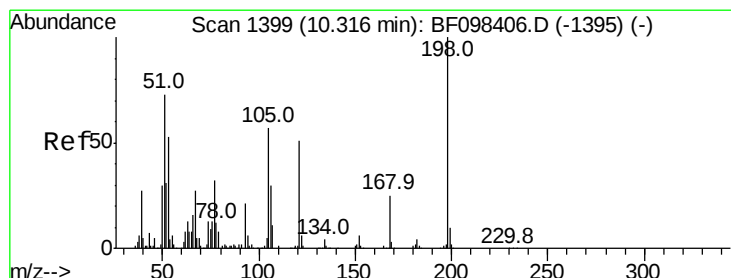
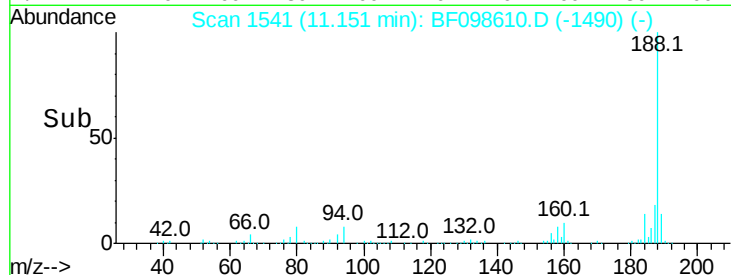
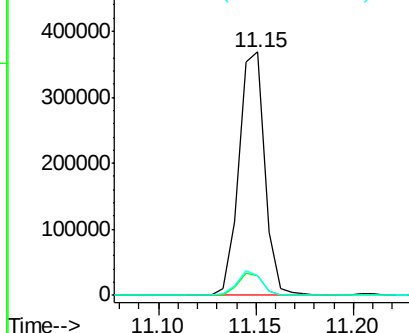
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF098610.D
 Acq: 18 Sep 2017 19:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 339509
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.4 14.2#
 80 8.3 10.2 15.2#

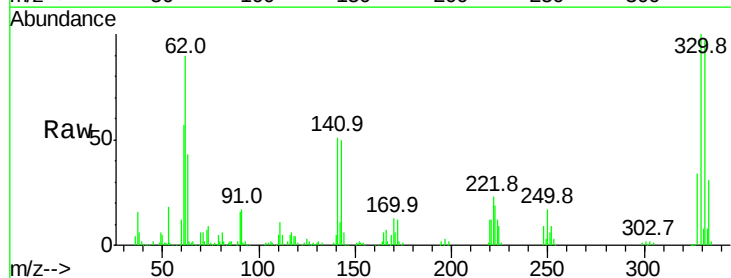


Abundance Ion 188.00 (187.70 to 188.70): E
 500000
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

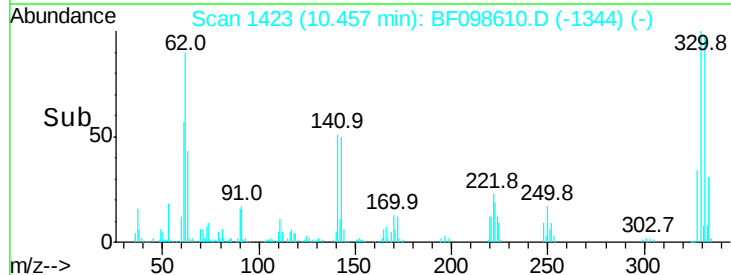
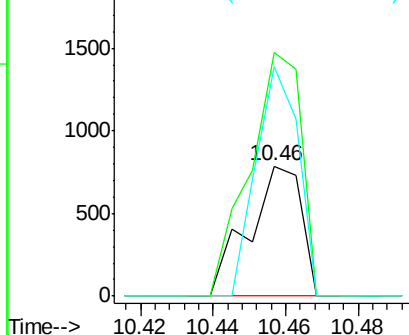


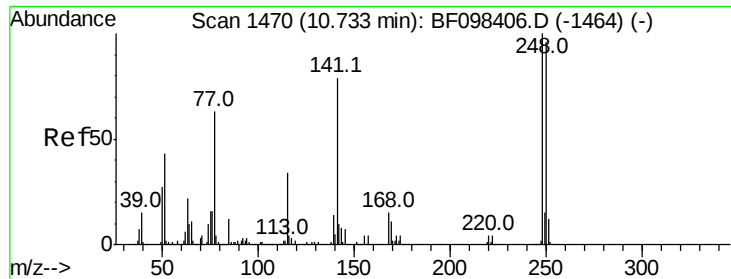
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.306 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.16 min
 Lab File: BF098610.D
 Acq: 18 Sep 2017 19:02

Tgt Ion:198 Resp: 793
 Ion Ratio Lower Upper
 198 100
 51 187.6 53.2 93.2#
 105 176.6 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 2000
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

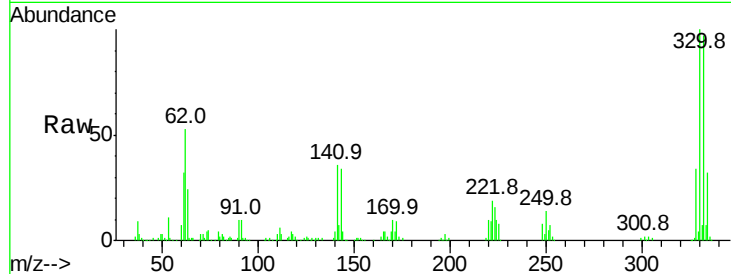




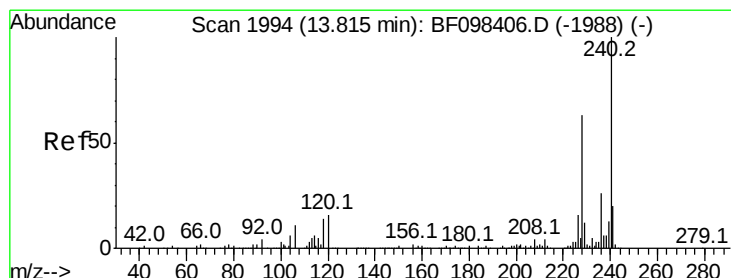
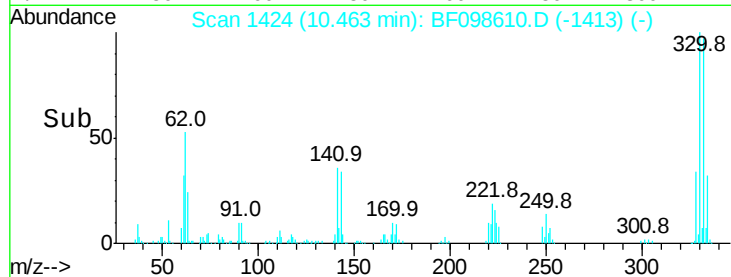
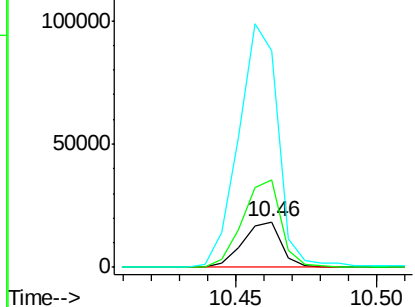
#66
 4-Bromophenyl-phenylether
 Concen: 5.423 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.24 min
 Lab File: BF098610.D
 Acq: 18 Sep 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17474
 Ion Ratio Lower Upper
 248 100
 250 189.6 76.8 115.2#
 141 472.4 68.6 103.0#

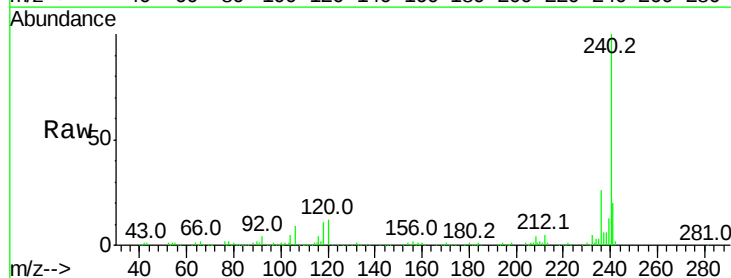


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

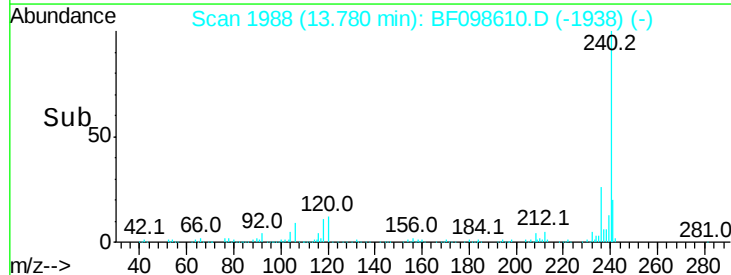
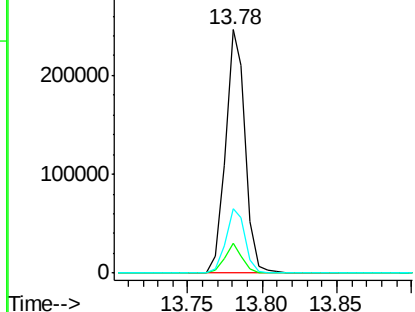


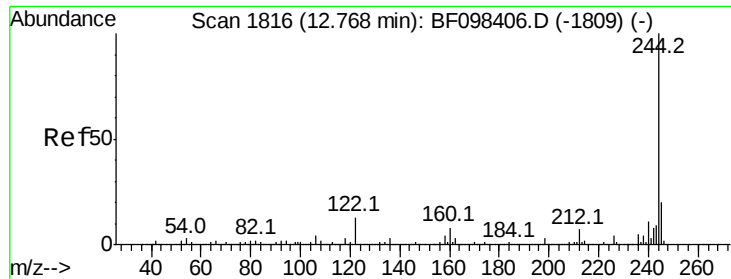
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF098610.D
 Acq: 18 Sep 2017 19:02

Tgt Ion:240 Resp: 229343
 Ion Ratio Lower Upper
 240 100
 120 12.3 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

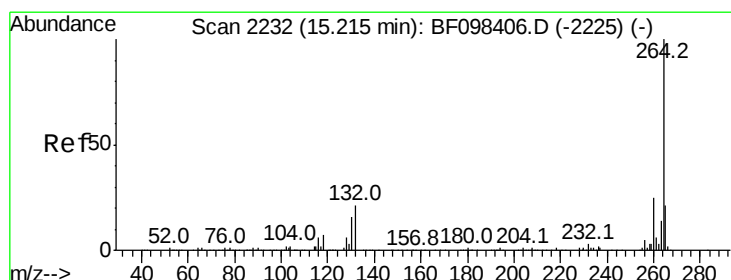
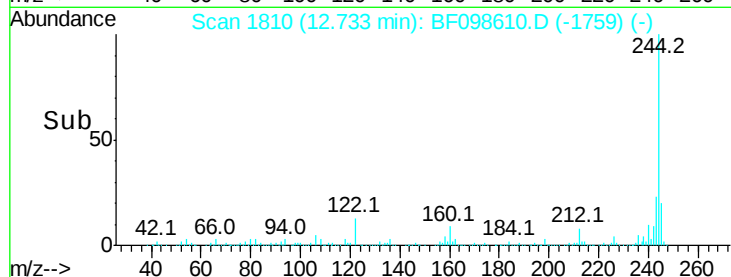
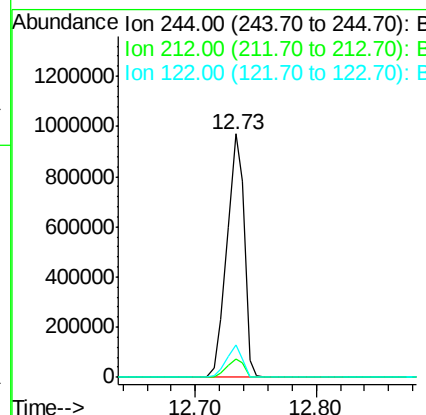
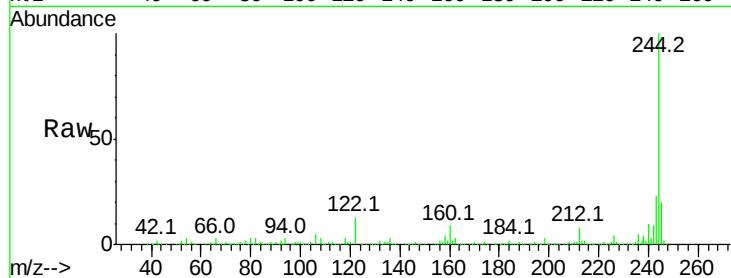




#78
 Terphenyl-d14
 Concen: 90.044 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF098610.D
 Acq: 18 Sep 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 956743
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098610.D
 Acq: 18 Sep 2017 19:02

Tgt Ion:264 Resp: 204230
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 20.7 17.2 25.8

