

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098504.D
 Acq On : 13 Sep 2017 22:07
 Operator : SJ/JU
 Sample : I5183-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 05:14:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

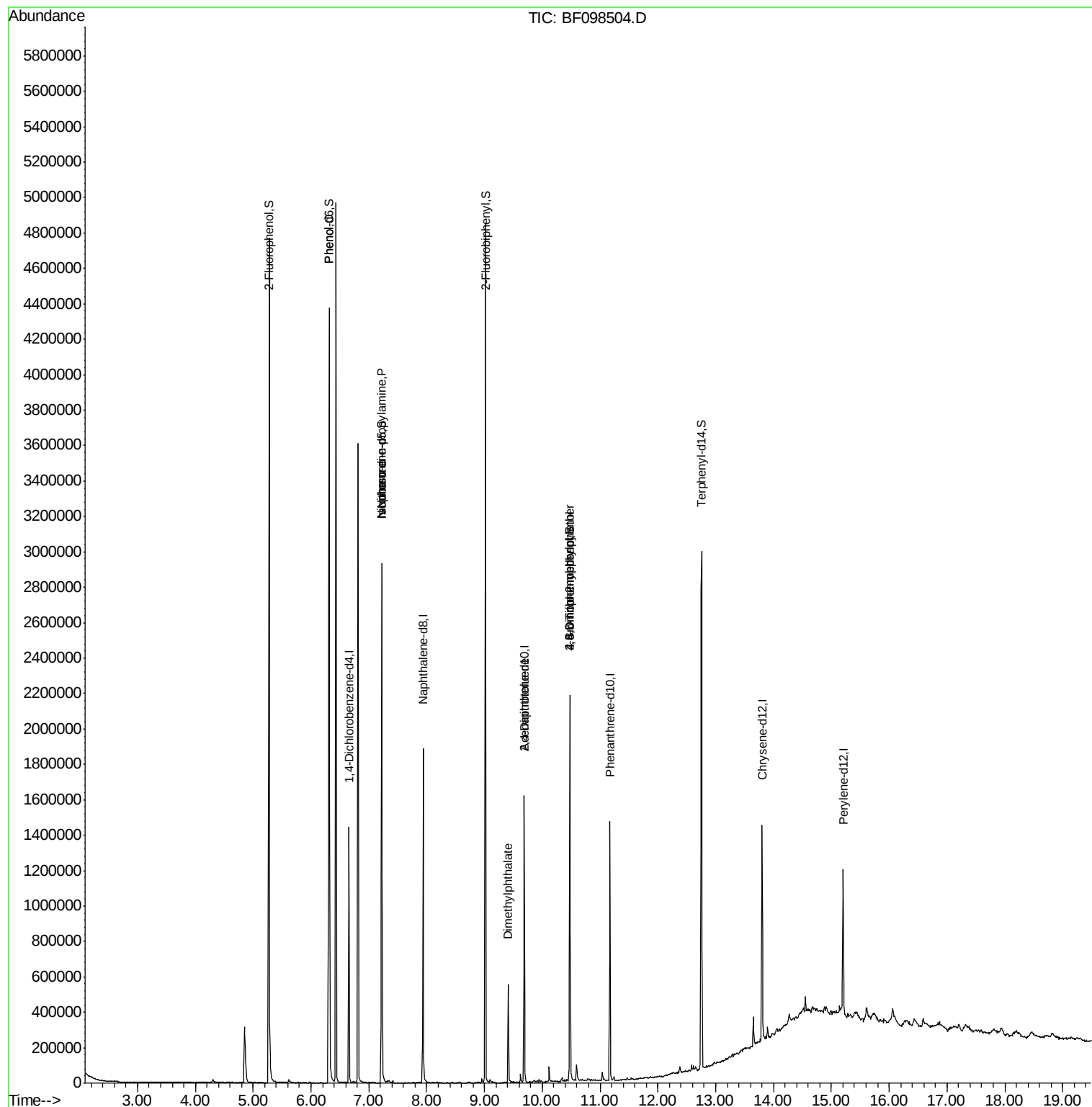
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	195785	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	779578	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	323721	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	480823	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	381174	20.00	ng	-0.01
86) Perylene-d12	15.20	264	332947	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1373728	103.74	ng	0.00
7) Phenol-d6	6.32	99	1658161	98.62	ng	0.00
23) Nitrobenzene-d5	7.23	82	953193	68.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	216190	100.06	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1417786	74.23	ng	-0.02
78) Terphenyl-d14	12.76	244	904196	51.20	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	62220	3.186	ng	# 62
19) n-Nitroso-di-n-propylamine	7.23	70	126324	11.945	ng	# 81
25) Isophorone	7.23	82	939146	33.194	ng	# 67
49) Dimethylphthalate	9.41	163	213097	8.504	ng	# 99
56) 2,4-Dinitrotoluene	9.69	165	41453	6.624	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.47	198	418	5.091	ng	# 1
66) 4-Bromophenyl-phenylether	10.48	248	16648	3.648	ng	# 1

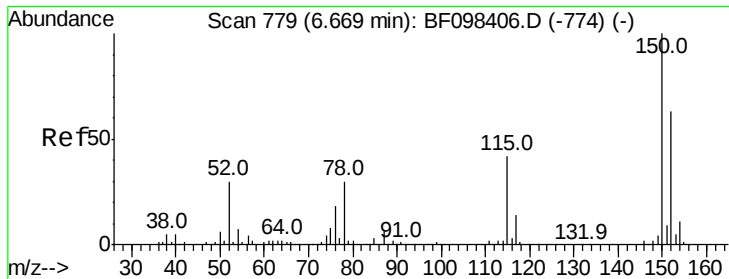
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098504.D
Acq On : 13 Sep 2017 22:07
Operator : SJ/JU
Sample : I5183-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 14 05:14:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



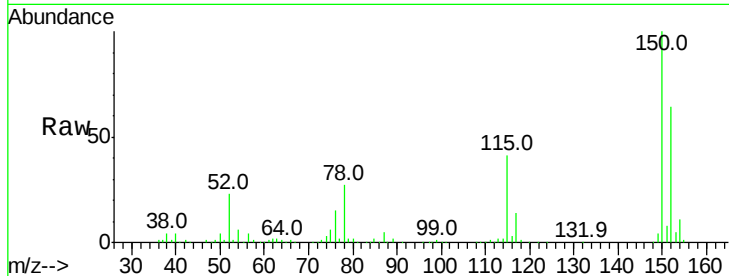


#1

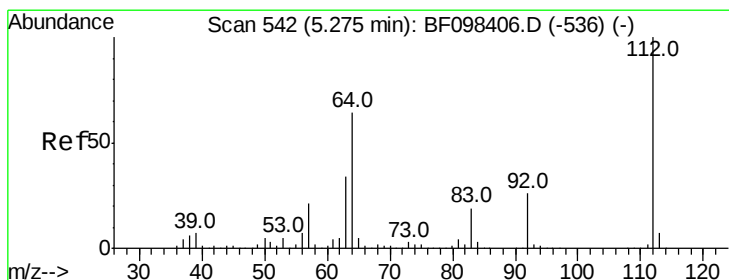
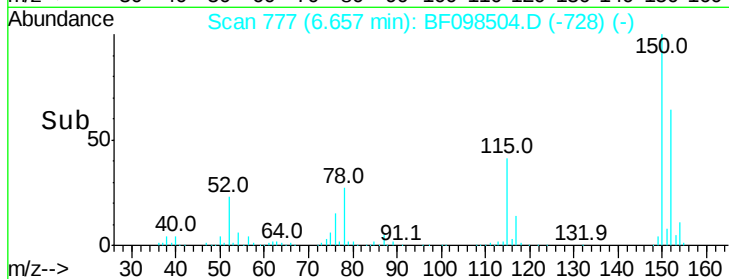
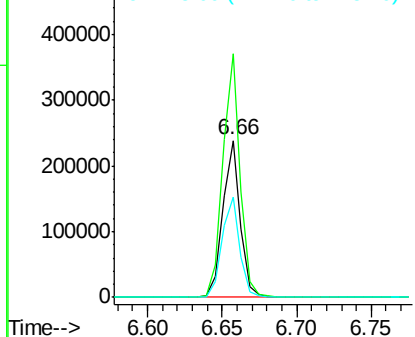
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098504.D
Acq: 13 Sep 2017 22:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 195785
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 64.1 52.2 78.2



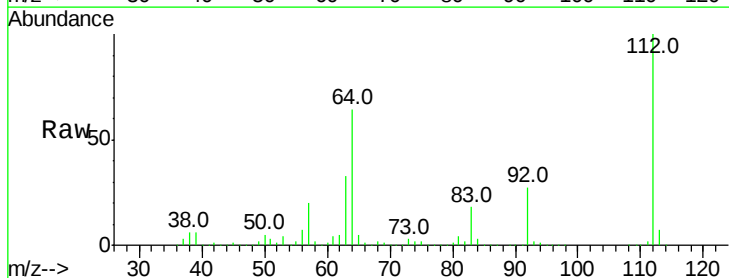
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



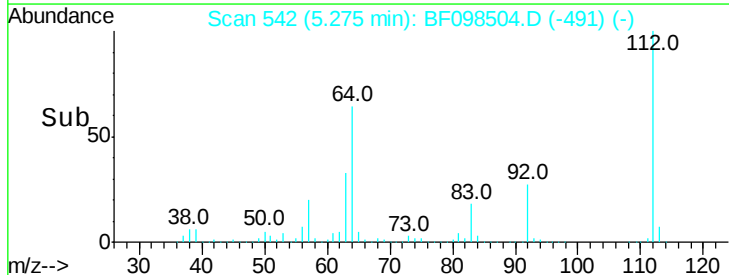
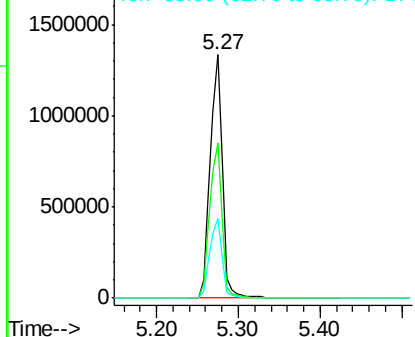
#5

2-Fluorophenol
Concen: 103.741 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF098504.D
Acq: 13 Sep 2017 22:07

Tgt Ion:112 Resp: 1373728
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 32.8 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: 98.625 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098504.D

Acq: 13 Sep 2017 22:07

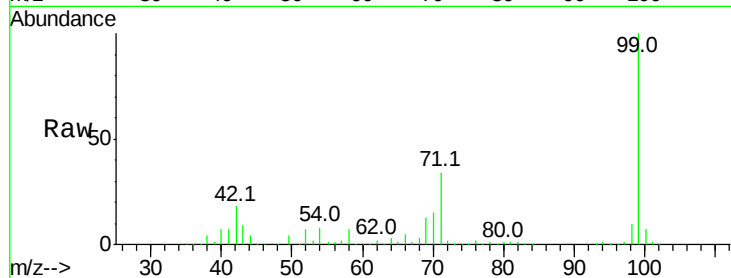
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1658161

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	34.4	24.5	36.7

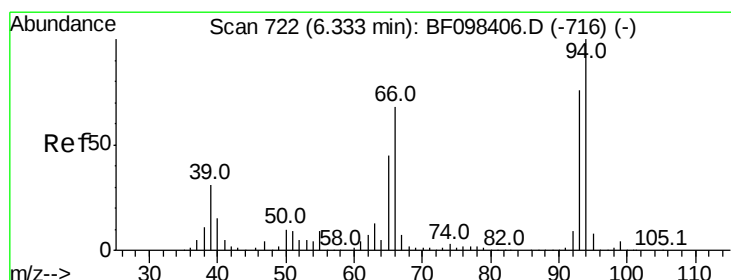
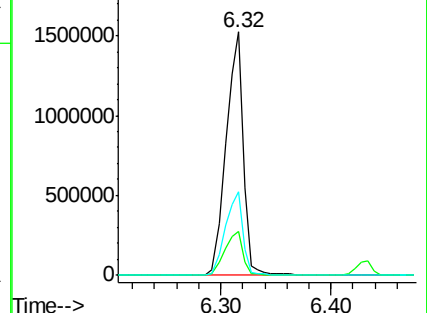
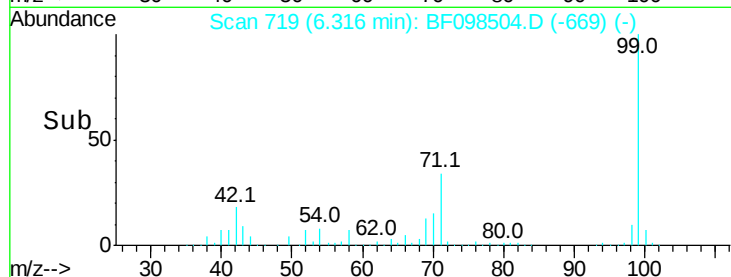


Abundance

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



#10

Phenol

Concen: 3.186 ng

RT: 6.32 min Scan# 720

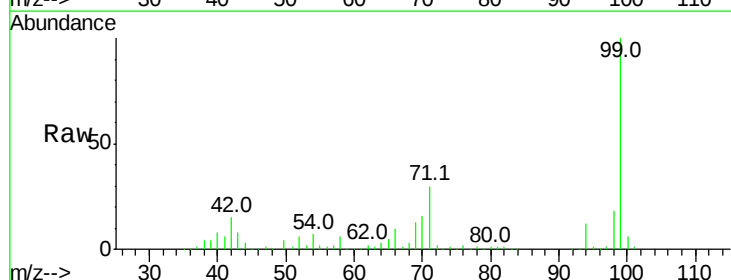
Delta R.T. -0.01 min

Lab File: BF098504.D

Acq: 13 Sep 2017 22:07

Tgt Ion: 94 Resp: 62220

Ion	Ratio	Lower	Upper
94	100		
65	37.9	9.9	49.9
66	77.4	23.1	63.1#

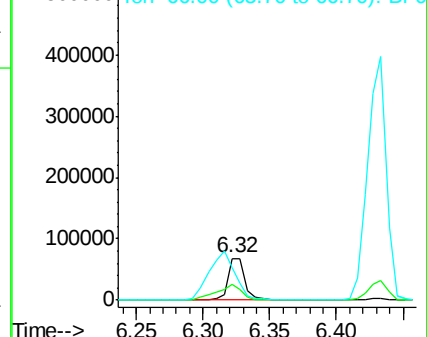
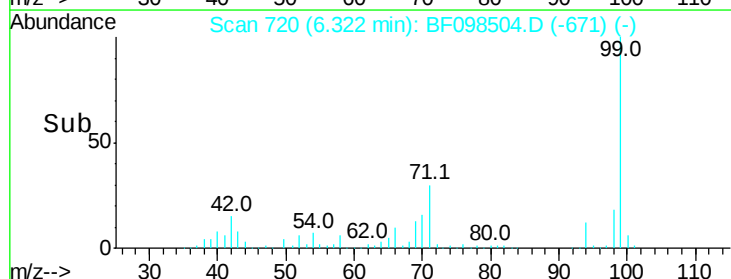


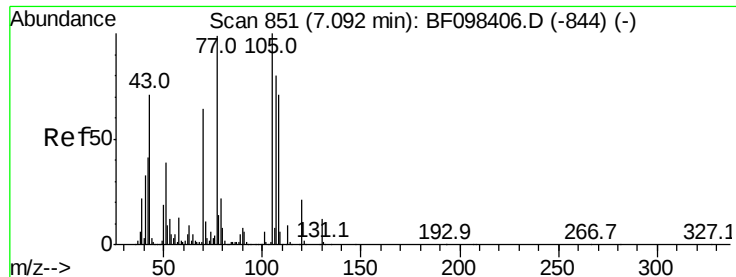
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

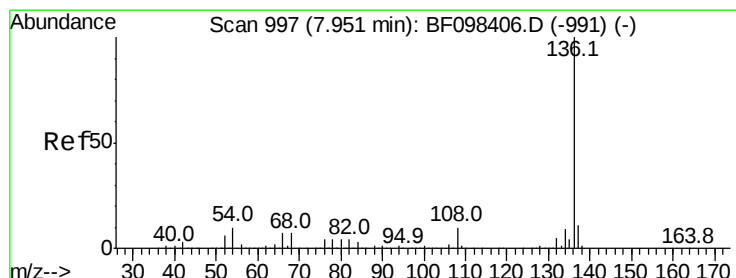
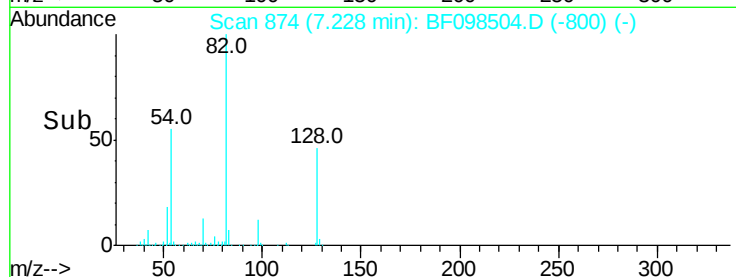
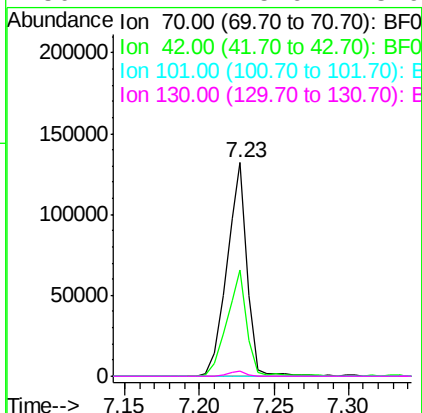
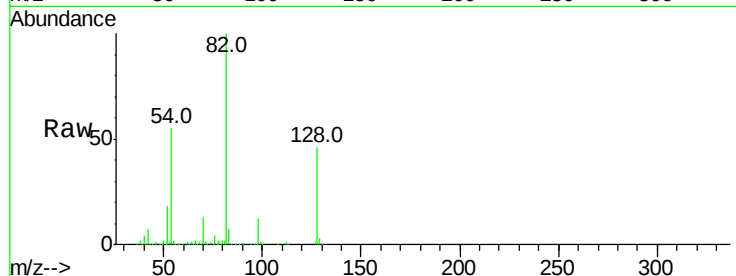




#19
n-Nitroso-di-n-propylamine
Concen: 11.945 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.14 min
Lab File: BF098504.D
Acq: 13 Sep 2017 22:07

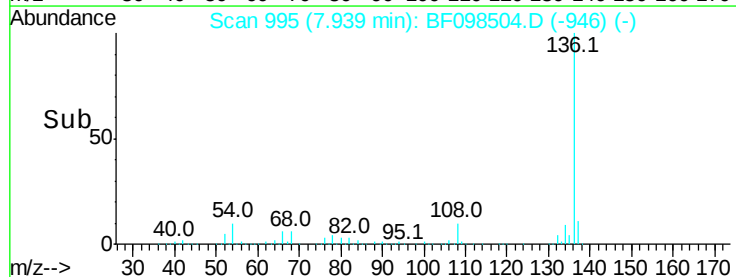
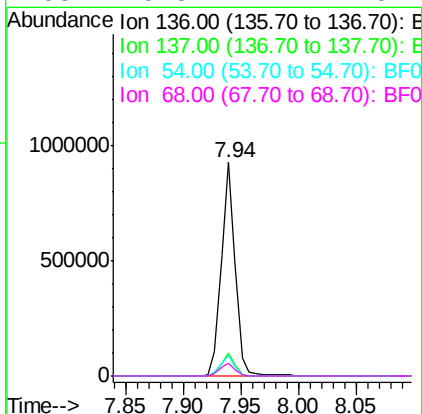
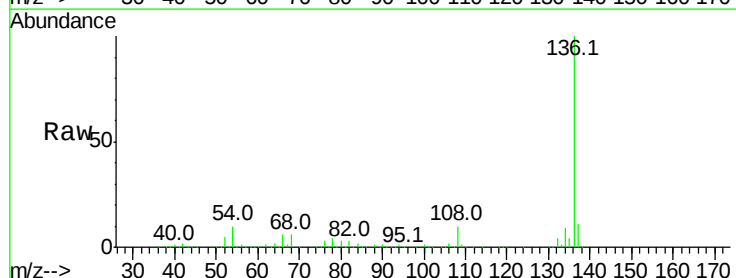
Instrument :
BNA_F
ClientSampleId :

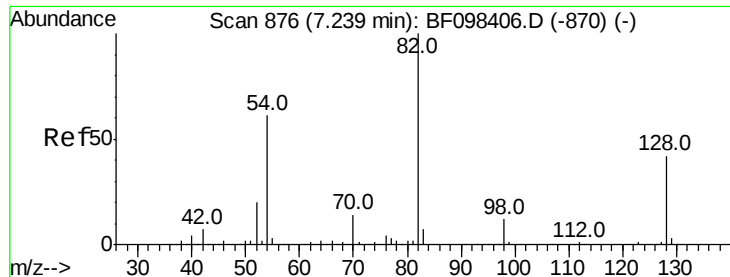
Tot Ion: 70 Resp: 126324
Ion Ratio Lower Upper
70 100
42 50.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098504.D
Acq: 13 Sep 2017 22:07

Tgt Ion:136 Resp: 779578
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.6 4.9 7.3#
68 6.3 4.1 6.1#

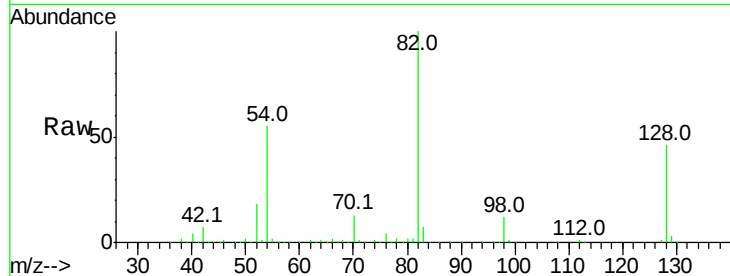




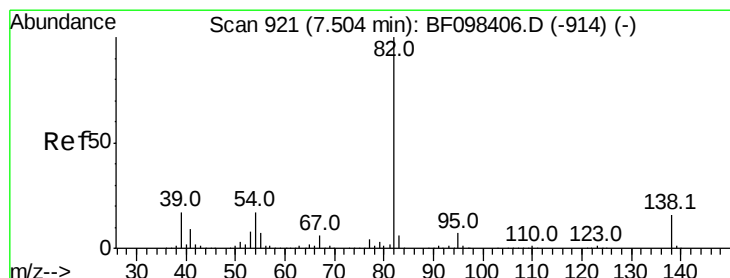
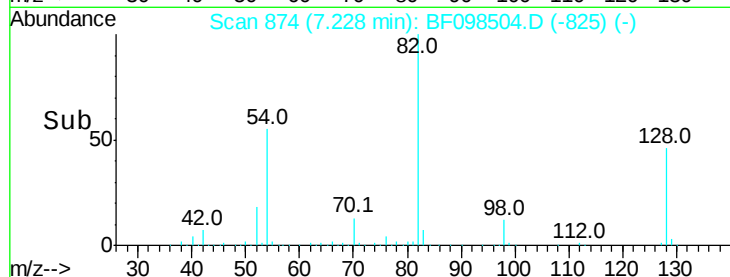
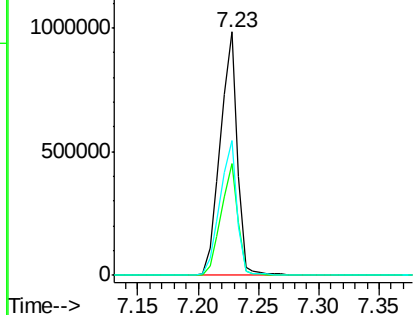
#23
Nitrobenzene-d5
Concen: 68.165 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098504.D
Acq: 13 Sep 2017 22:07

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 953193
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 55.3 42.2 63.2

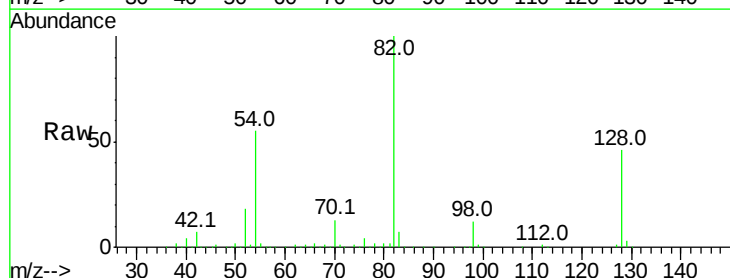


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

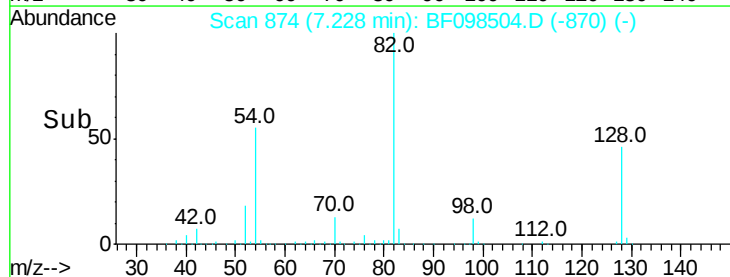
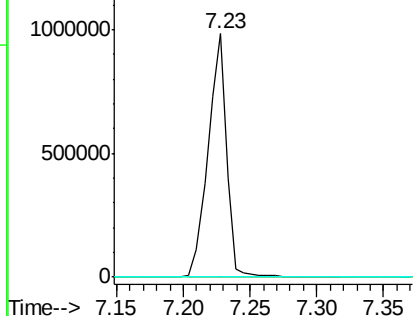


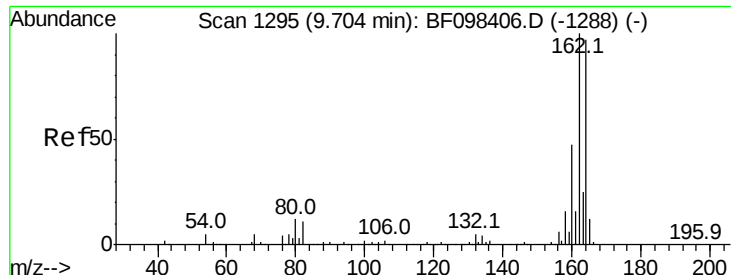
#25
Isophorone
Concen: 33.194 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.28 min
Lab File: BF098504.D
Acq: 13 Sep 2017 22:07

Tgt Ion: 82 Resp: 939146
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): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF098504.D

Acq: 13 Sep 2017 22:07

Instrument :

BNA_F

ClientSampleId :

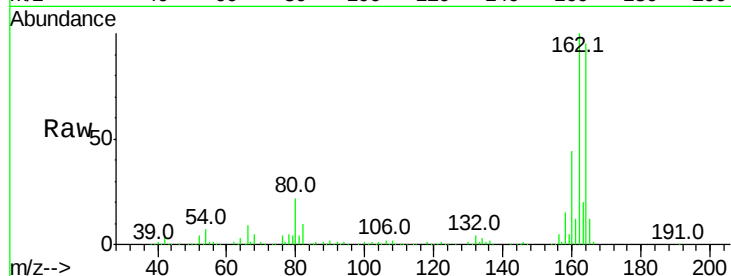
Tot Ion:164 Resp: 323721

Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

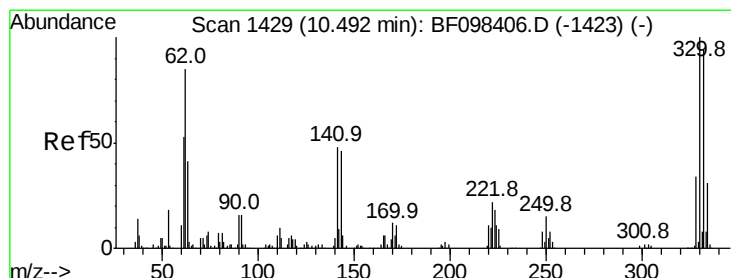
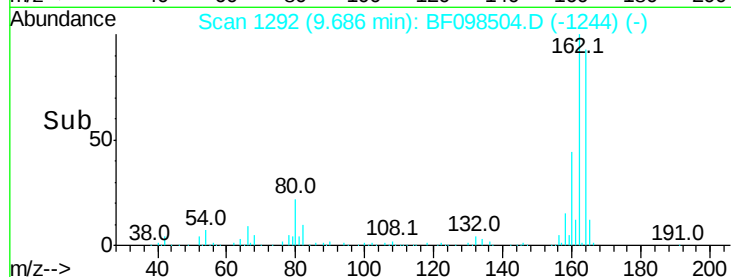
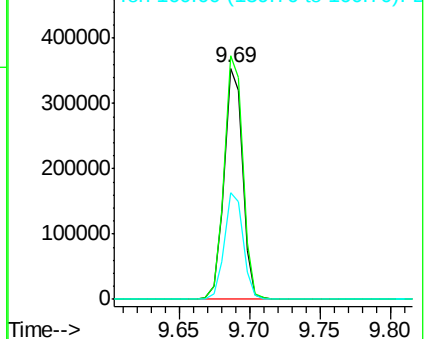
160 46.0 36.2 54.2



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: 100.061 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF098504.D

Acq: 13 Sep 2017 22:07

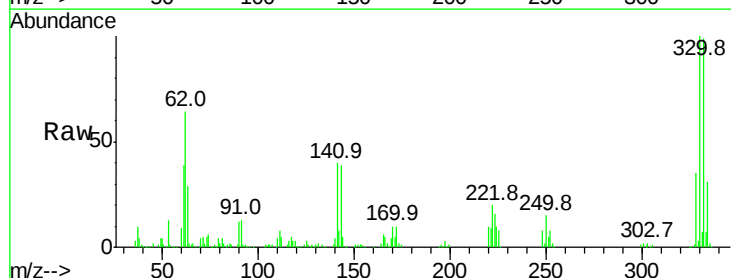
Tgt Ion:330 Resp: 216190

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

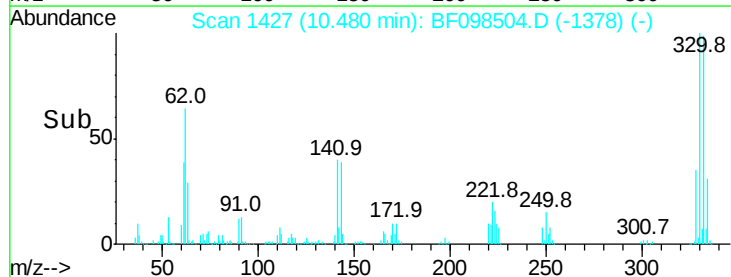
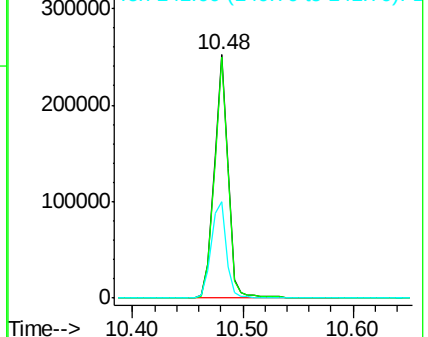
141 43.5 31.4 47.2

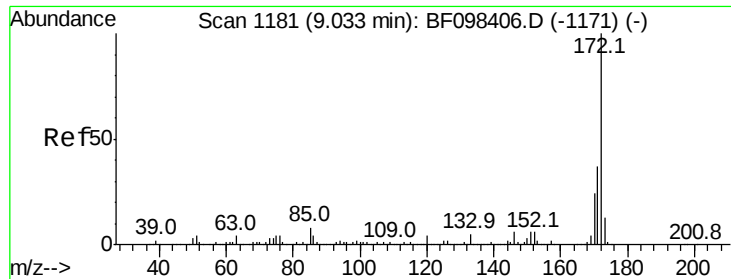


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 74.232 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BF098504.D

Acq: 13 Sep 2017 22:07

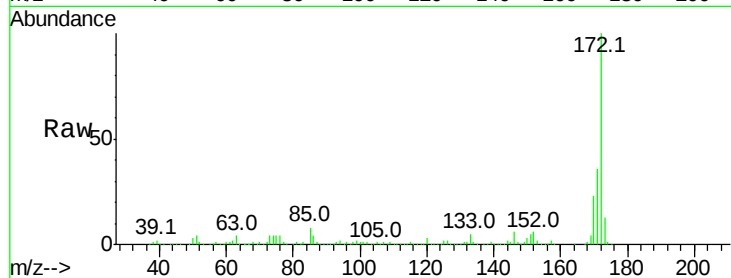
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1417786

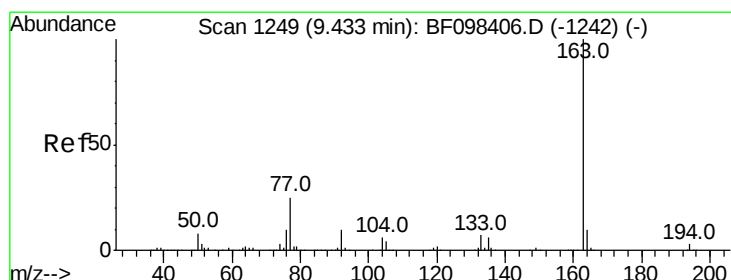
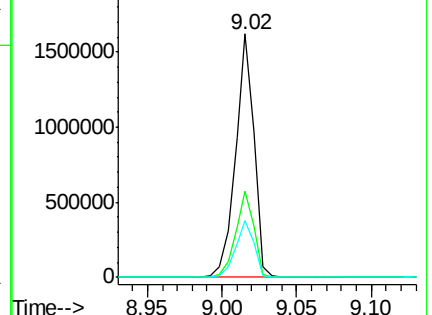
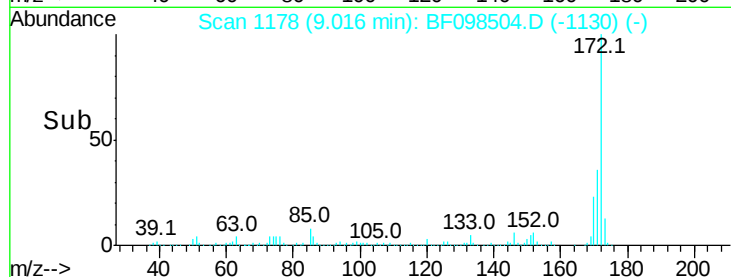
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.4	19.8	29.8



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: 8.504 ng

RT: 9.41 min Scan# 1245

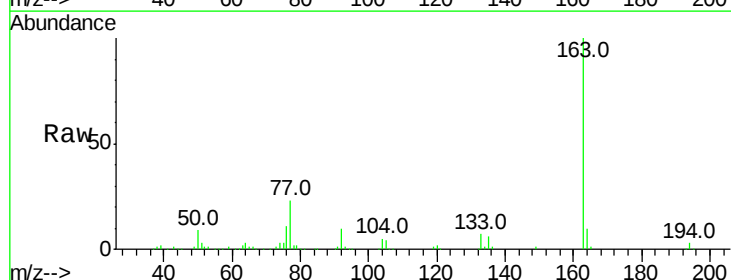
Delta R.T. -0.02 min

Lab File: BF098504.D

Acq: 13 Sep 2017 22:07

Tgt Ion:163 Resp: 213097

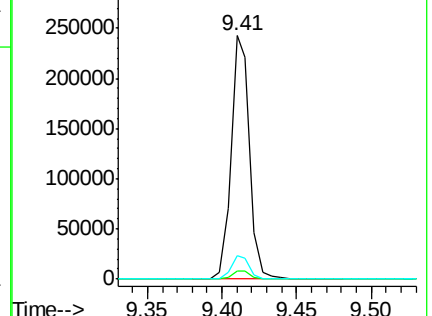
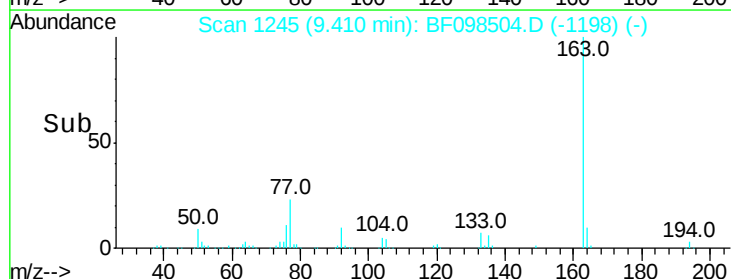
Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6

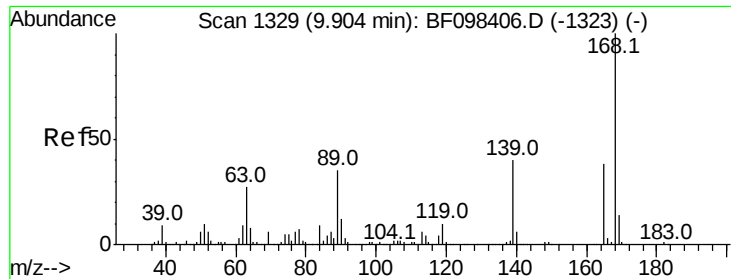


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

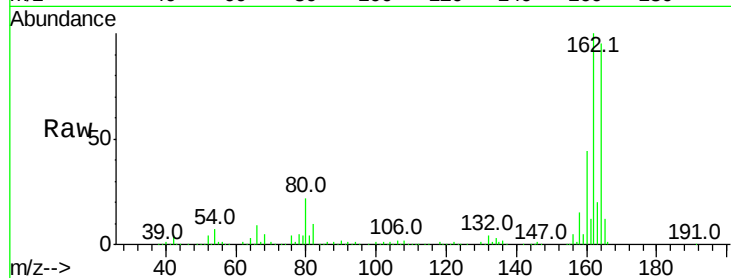




#56
 2,4-Dinitrotoluene
 Concen: 6.624 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.22 min
 Lab File: BF098504.D
 Acq: 13 Sep 2017 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

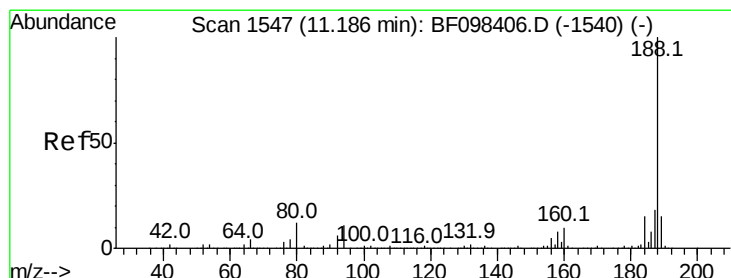
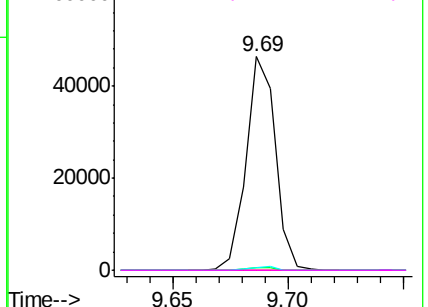
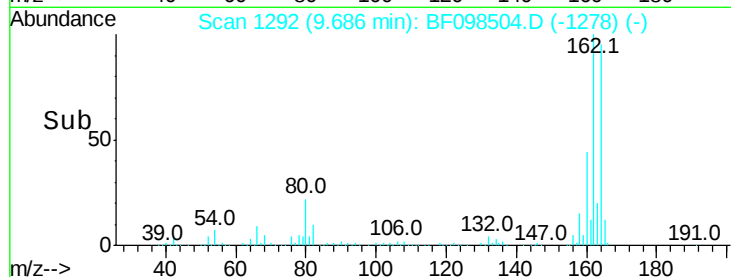


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

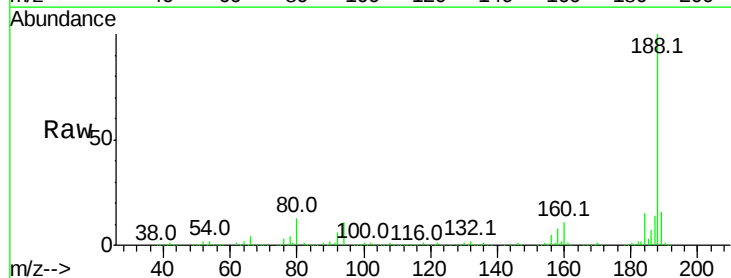
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.02 min
 Lab File: BF098504.D
 Acq: 13 Sep 2017 22:07

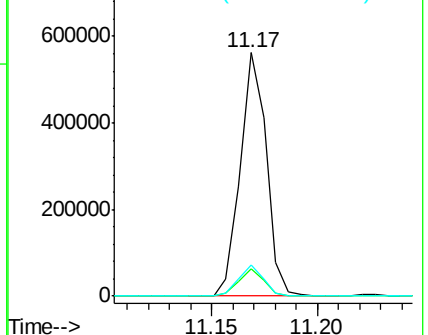
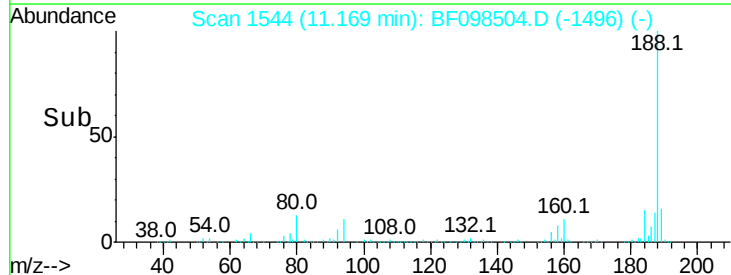
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	12.7	10.2	15.2

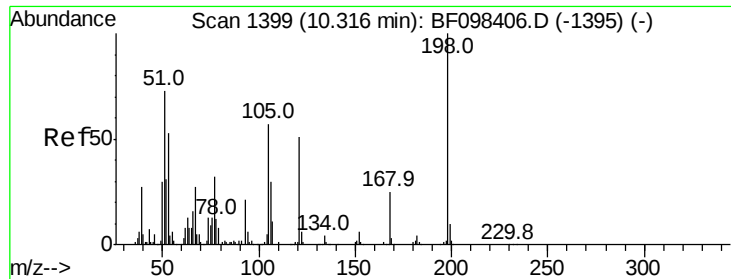


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

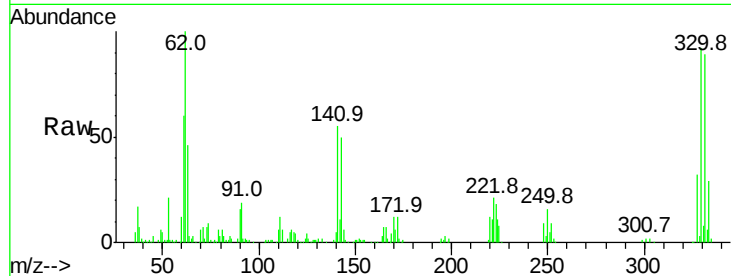




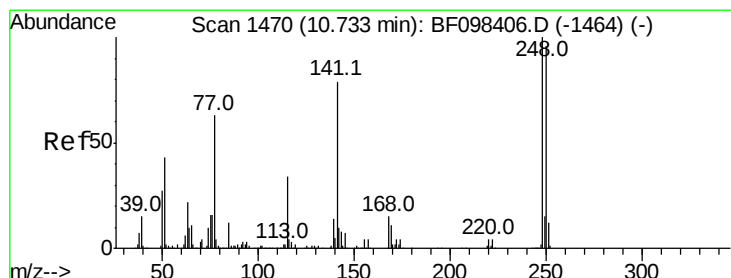
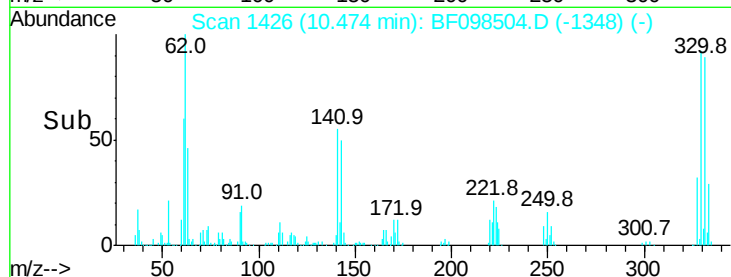
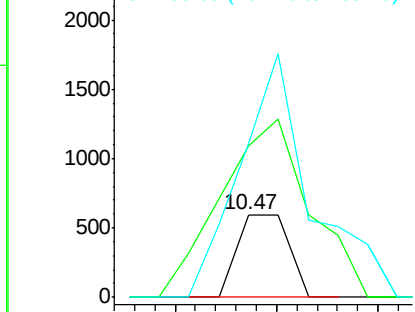
#64
4,6-Dinitro-2-methylphenol
Concen: 5.091 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.16 min
Lab File: BF098504.D
Acq: 13 Sep 2017 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 418
Ion Ratio Lower Upper
198 100
51 183.4 53.2 93.2#
105 186.1 45.8 85.8#

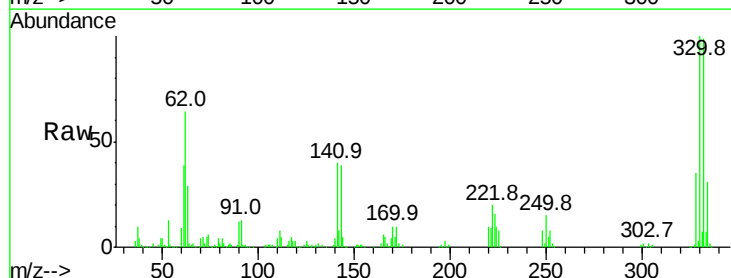


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

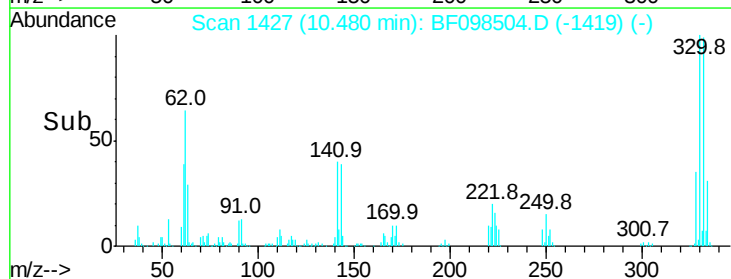
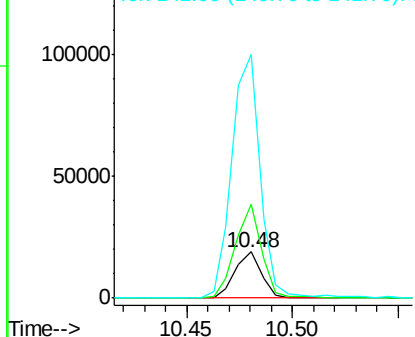


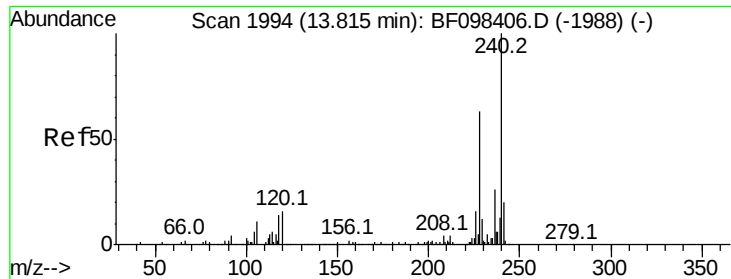
#66
4-Bromophenyl-phenylether
Concen: 3.648 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.25 min
Lab File: BF098504.D
Acq: 13 Sep 2017 22:07

Tgt Ion:248 Resp: 16648
Ion Ratio Lower Upper
248 100
250 203.4 76.8 115.2#
141 525.5 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: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098504.D

Acq: 13 Sep 2017 22:07

Instrument :

BNA_F

ClientSampled :

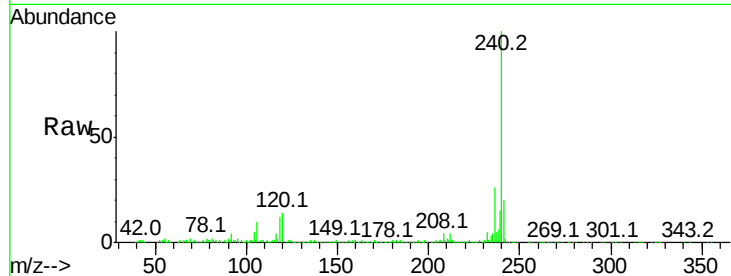
Tot Ion:240 Resp: 381174

Ion Ratio Lower Upper

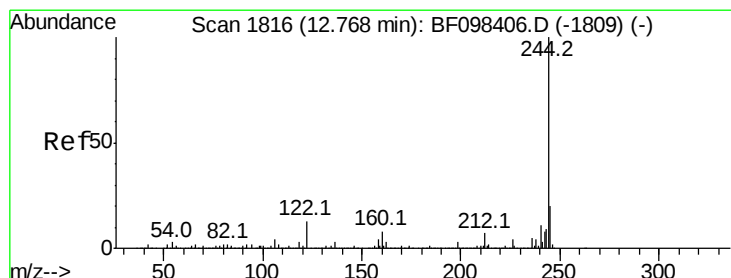
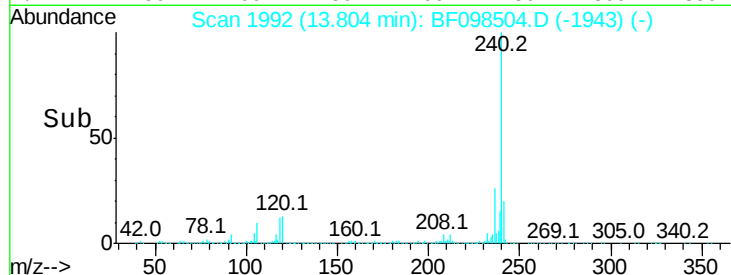
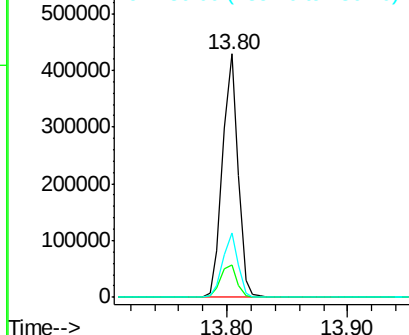
240 100

120 13.5 5.8 8.8#

236 26.4 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: 51.202 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098504.D

Acq: 13 Sep 2017 22:07

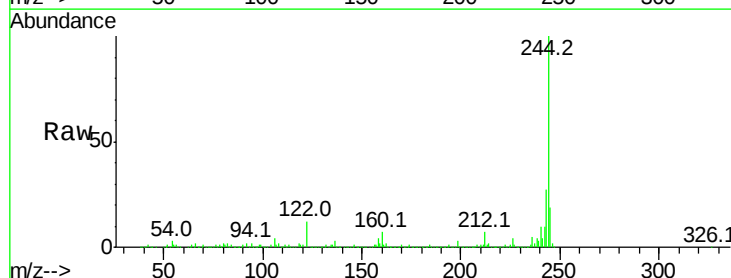
Tgt Ion:244 Resp: 904196

Ion Ratio Lower Upper

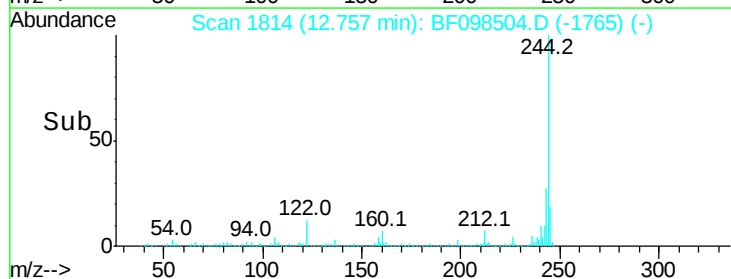
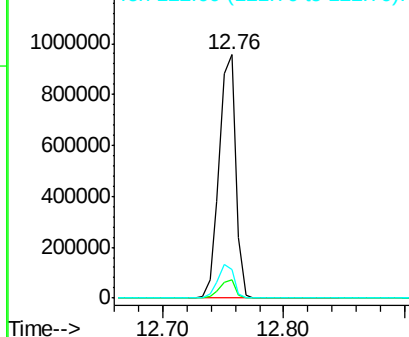
244 100

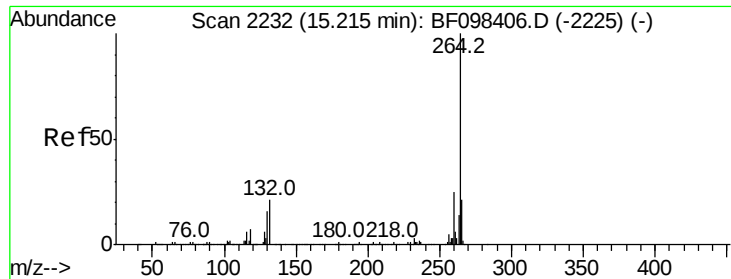
212 7.3 6.0 9.0

122 12.0 10.3 15.5



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





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098504.D
Acq: 13 Sep 2017 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.2	17.2	25.8

