

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098251.D
 Acq On : 2 Sep 2017 17:43
 Operator : SJ/JU
 Sample : I5073-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:24:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

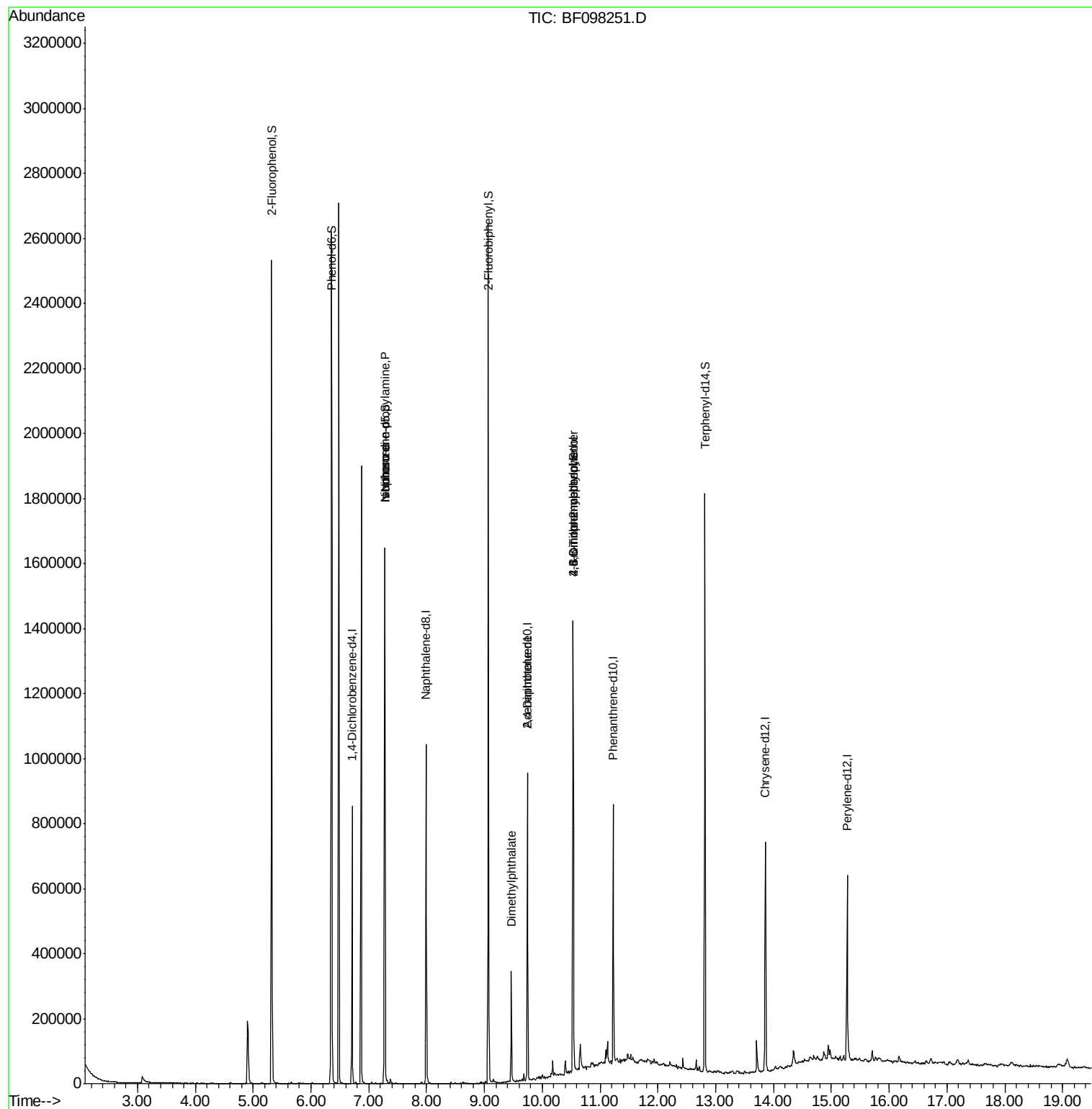
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	110970	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	418860	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	160915	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	251017	20.00	ng	-0.04
75) Chrysene-d12	13.86	240	238341	20.00	ng	-0.04
86) Perylene-d12	15.27	264	235052	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	806453	110.54	ng	-0.03
7) Phenol-d6	6.36	99	1109976	111.98	ng	-0.03
23) Nitrobenzene-d5	7.28	82	651223	84.46	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	150555	107.83	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	806712	73.66	ng	-0.04
78) Terphenyl-d14	12.82	244	572595	50.10	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	86516	12.750	ng	# 71
25) Isophorone	7.28	82	638409	39.820	ng	# 67
49) Dimethylphthalate	9.46	163	120351	10.232	ng	# 98
56) 2,4-Dinitrotoluene	9.75	165	20361	6.910	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.53	198	169	8.439	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	9661	3.706	ng	# 1

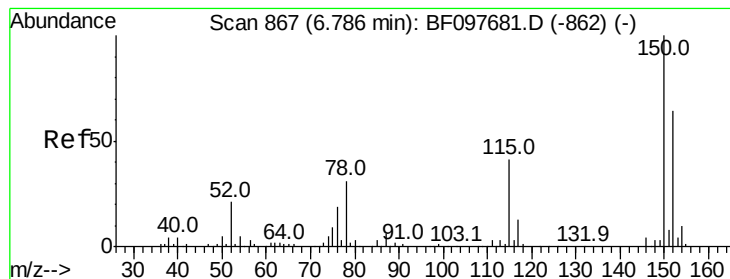
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.04 min

Lab File: BF098251.D

Acq: 2 Sep 2017 17:43

Instrument :

BNA_F

ClientSampleId :

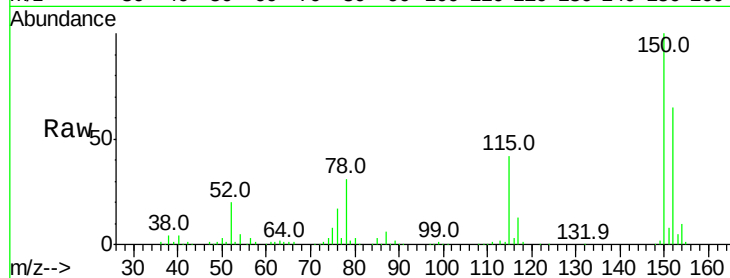
Tot Ion:152 Resp: 110970

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

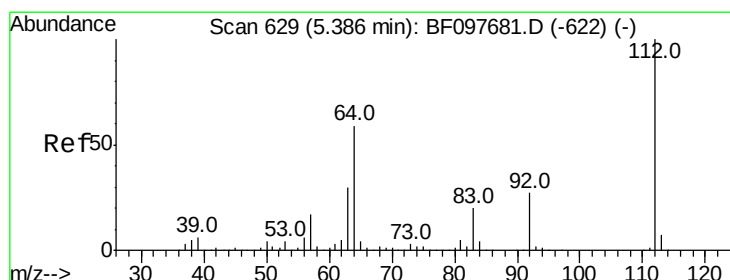
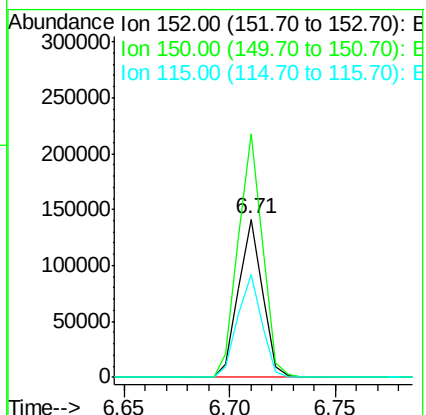
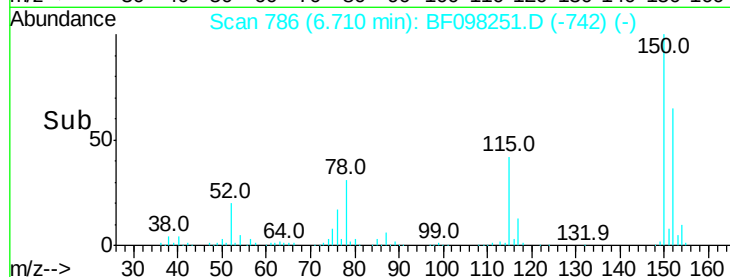
115 64.9 52.2 78.2



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: 110.541 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.03 min

Lab File: BF098251.D

Acq: 2 Sep 2017 17:43

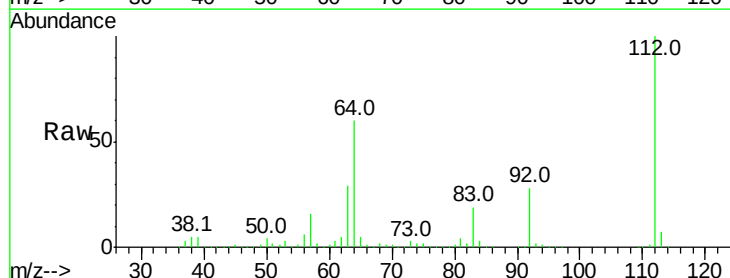
Tgt Ion:112 Resp: 806453

Ion Ratio Lower Upper

112 100

64 59.5 46.0 69.0

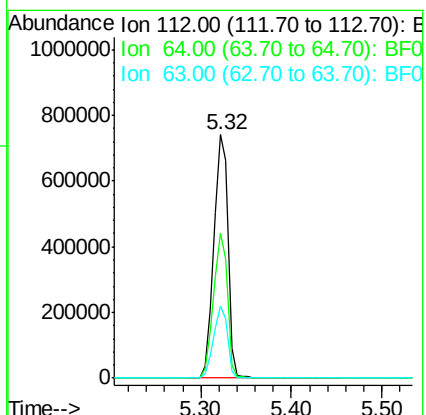
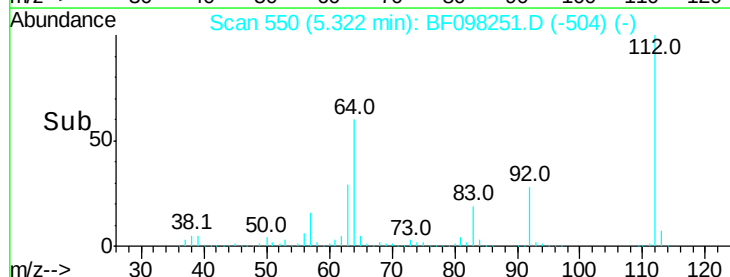
63 29.4 23.4 35.0

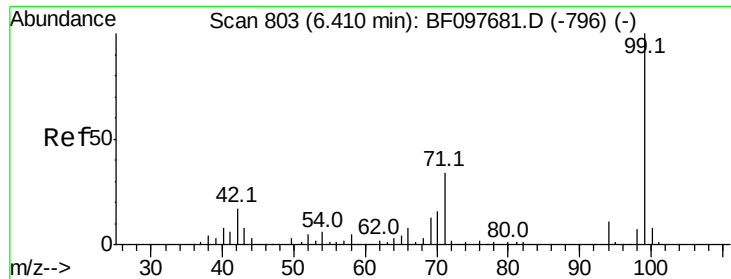


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.977 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098251.D

Acq: 2 Sep 2017 17:43

Instrument :

BNA_F

ClientSampled :

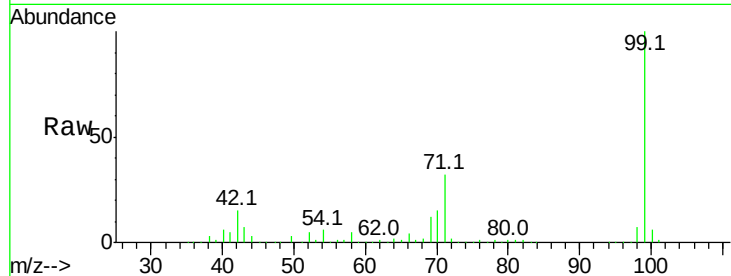
Tot Ion: 99 Resp: 1109976

Ion Ratio Lower Upper

99 100

42 14.6 13.5 20.3

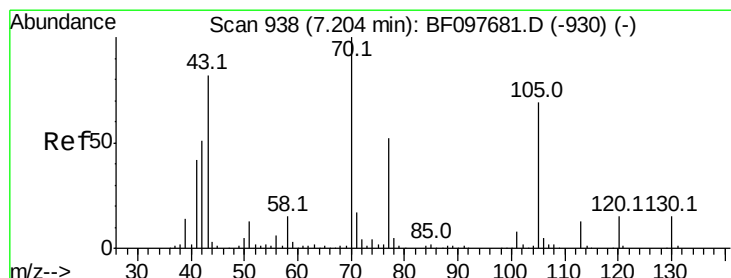
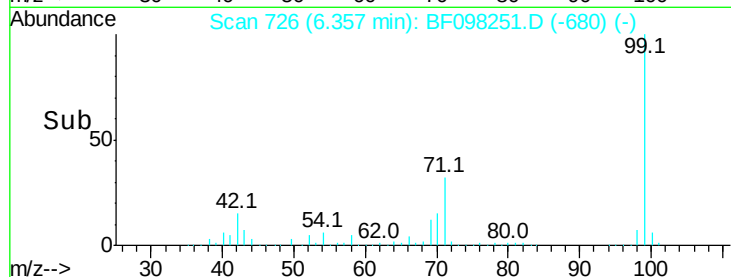
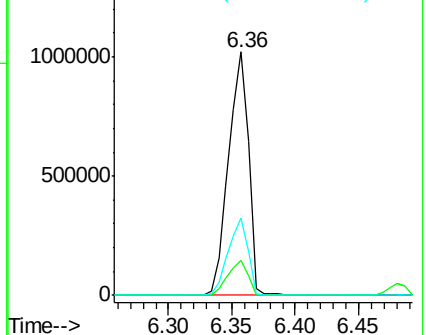
71 31.9 24.5 36.7



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: 12.750 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.10 min

Lab File: BF098251.D

Acq: 2 Sep 2017 17:43

Tgt Ion: 70 Resp: 86516

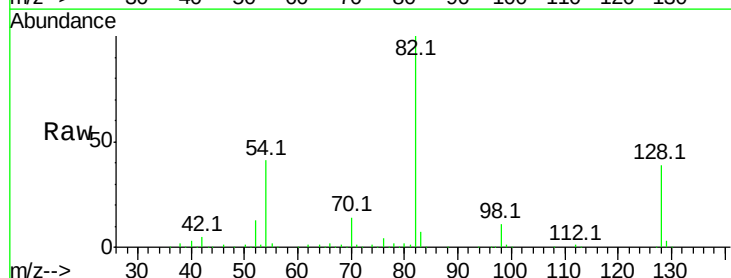
Ion Ratio Lower Upper

70 100

42 39.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

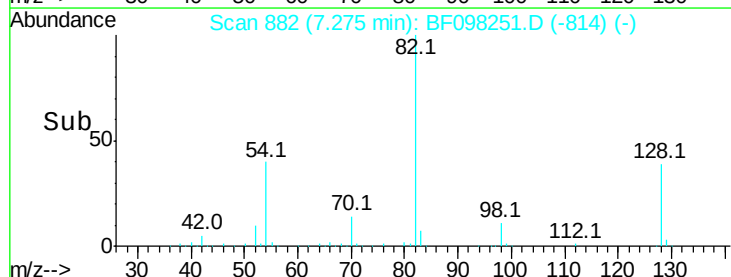
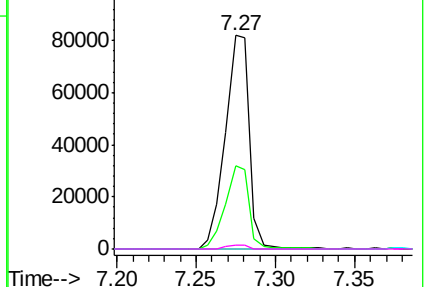


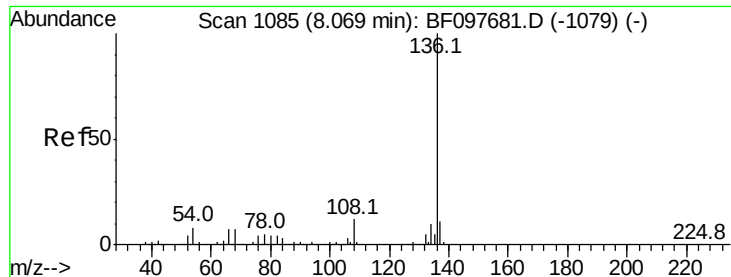
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

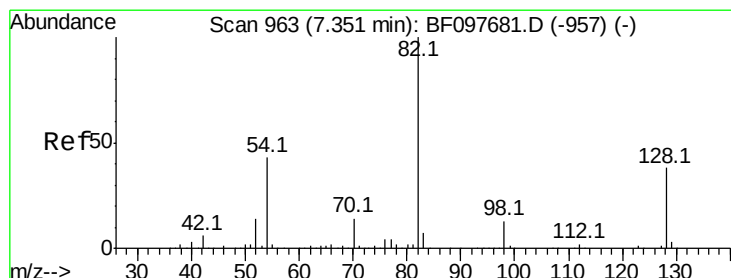
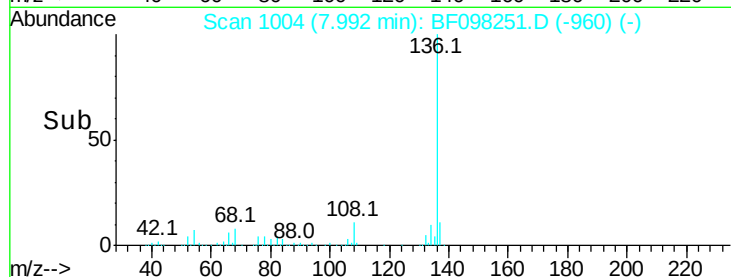
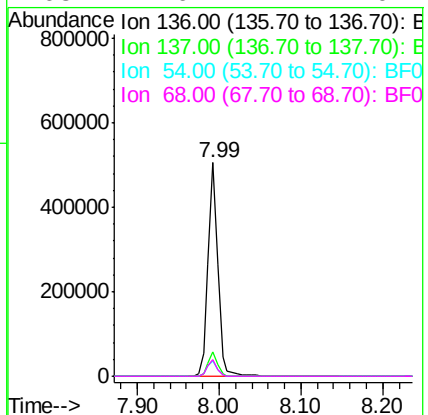
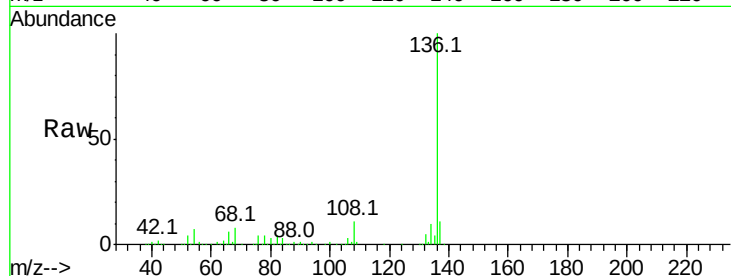




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098251.D
Acq: 2 Sep 2017 17:43

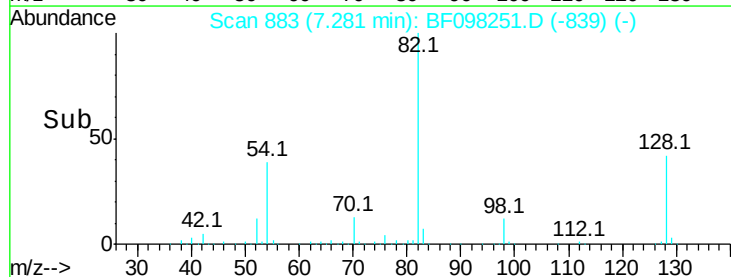
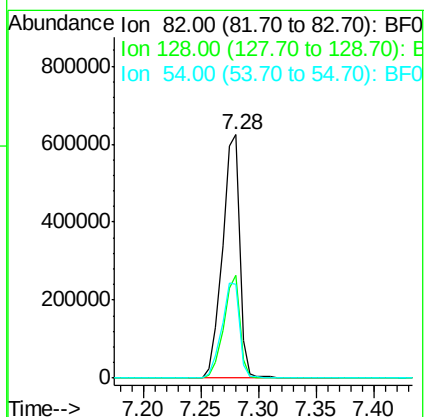
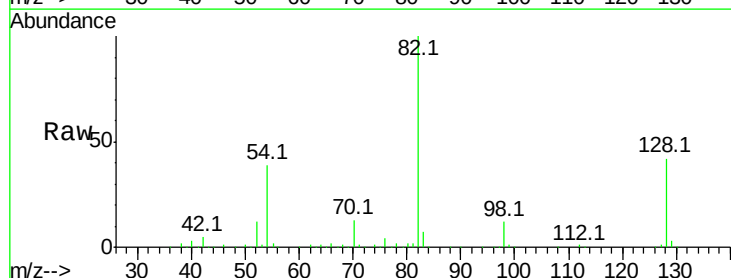
Instrument :
BNA_F
ClientSampleId :

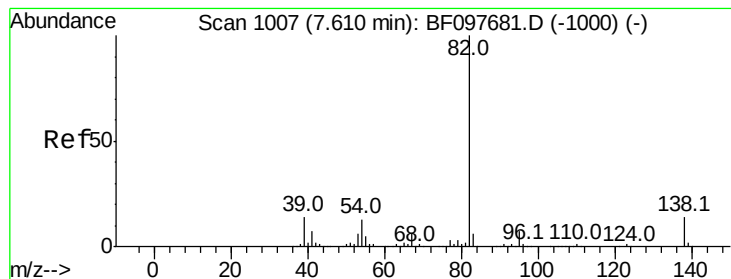
Tot Ion:136 Resp: 418860
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 7.3 4.9 7.3#
68 7.6 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 84.461 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF098251.D
Acq: 2 Sep 2017 17:43

Tgt Ion: 82 Resp: 651223
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 38.8 42.2 63.2#





#25

Isophorone

Concen: 39.820 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.30 min

Lab File: BF098251.D

Acq: 2 Sep 2017 17:43

Instrument :

BNA_F

ClientSampleId :

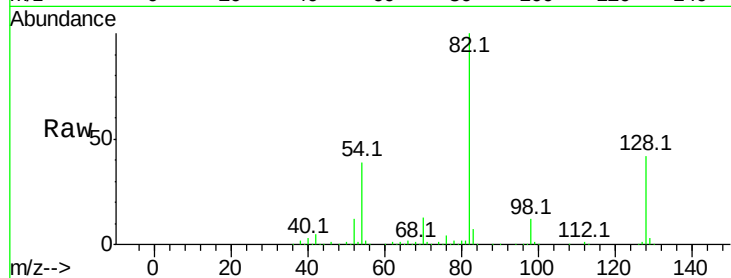
Tot Ion: 82 Resp: 638409

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

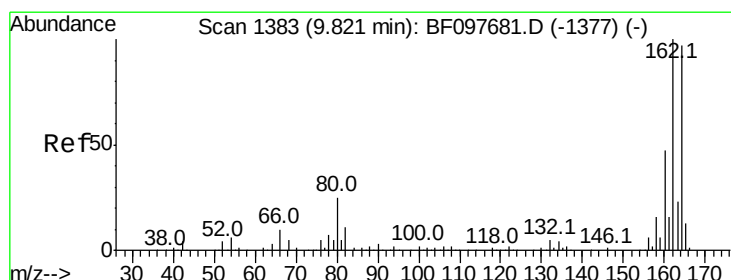
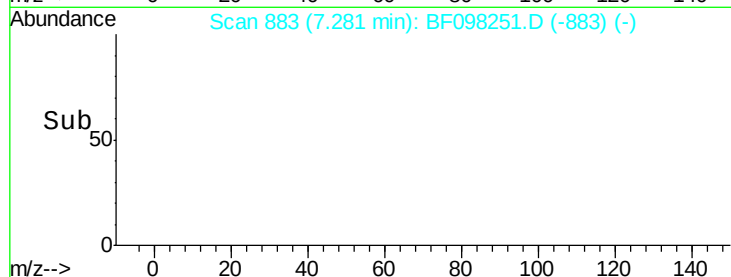
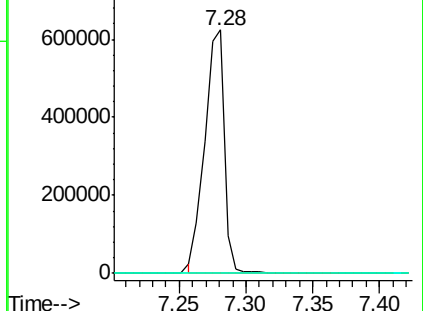
138 0.0 13.1 19.7#



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: 9.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BF098251.D

Acq: 2 Sep 2017 17:43

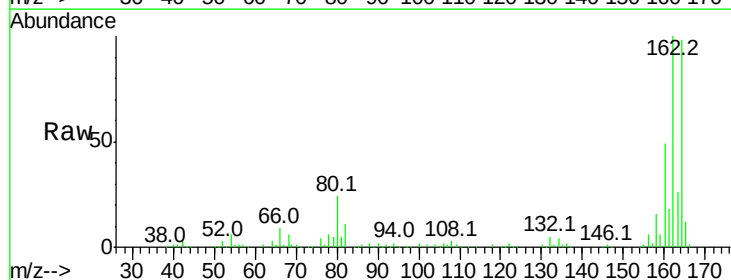
Tgt Ion: 164 Resp: 160915

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

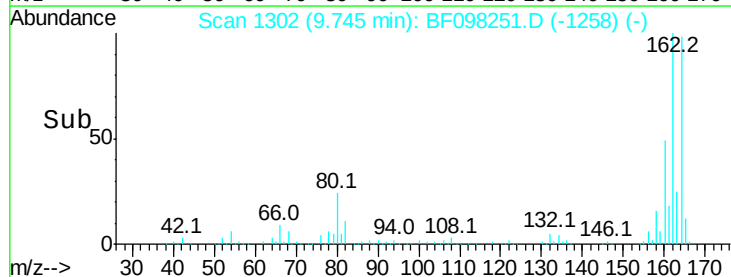
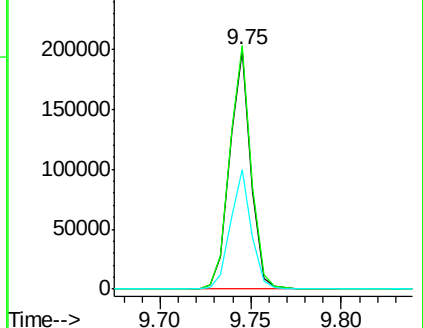
160 50.2 36.2 54.2

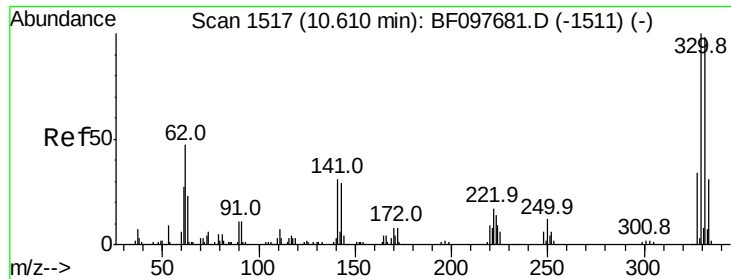


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

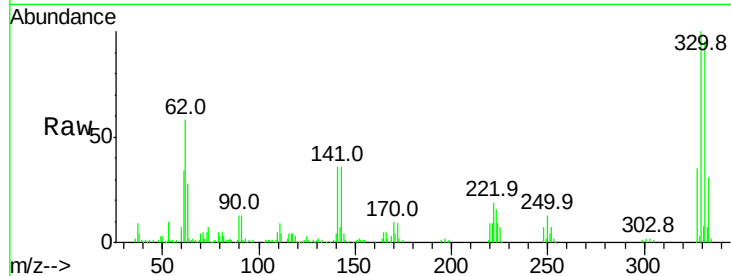




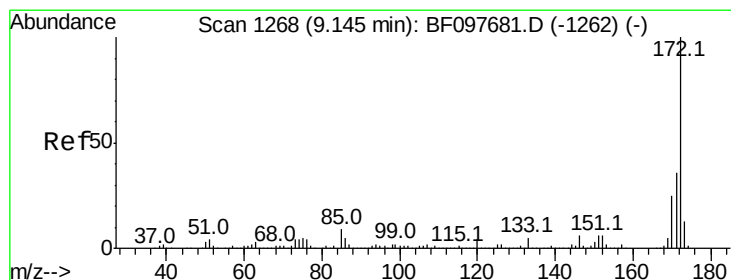
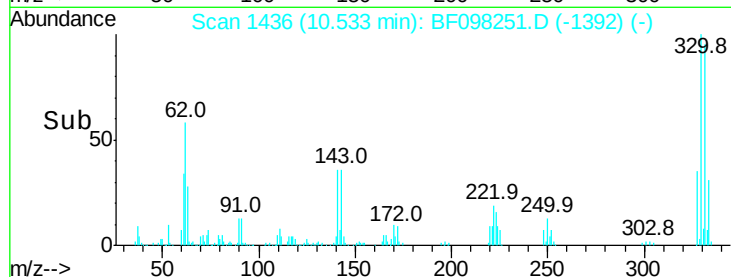
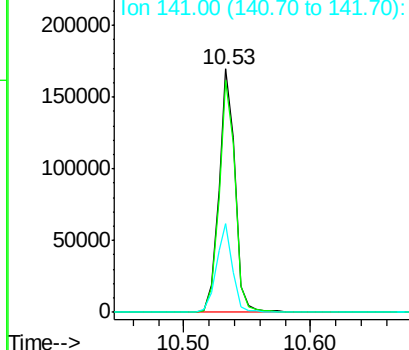
#41
 2,4,6-Tribromophenol
 Concen: 107.832 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.04 min
 Lab File: BF098251.D
 Acq: 2 Sep 2017 17:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 150555
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 36.9 31.4 47.2

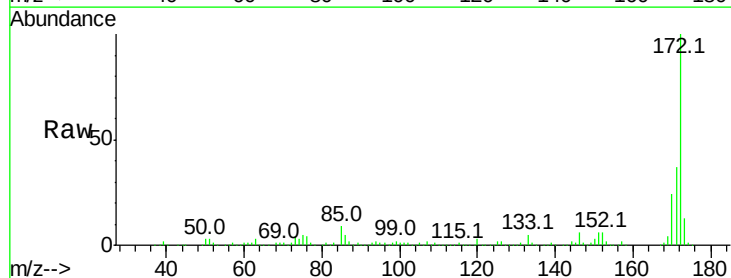


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

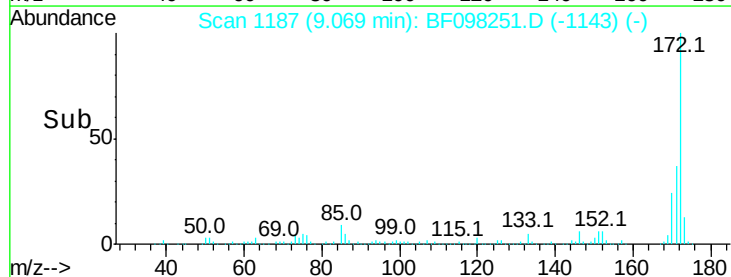
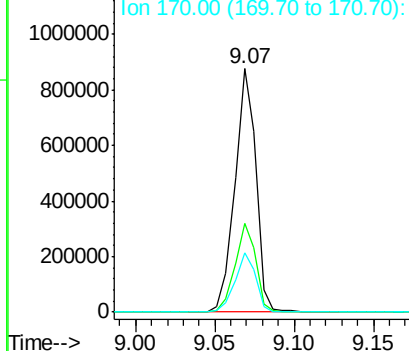


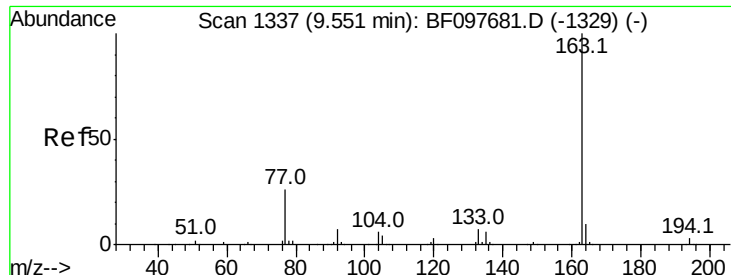
#44
 2-Fluorobiphenyl
 Concen: 73.655 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BF098251.D
 Acq: 2 Sep 2017 17:43

Tgt Ion:172 Resp: 806712
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.4 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

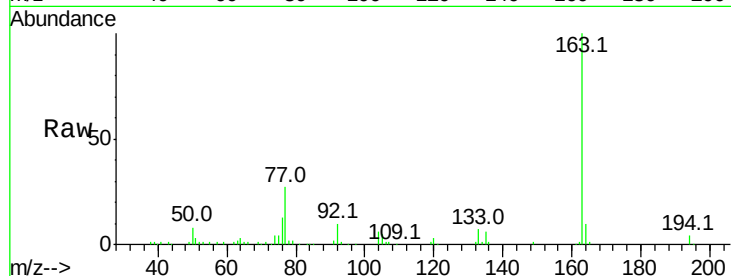




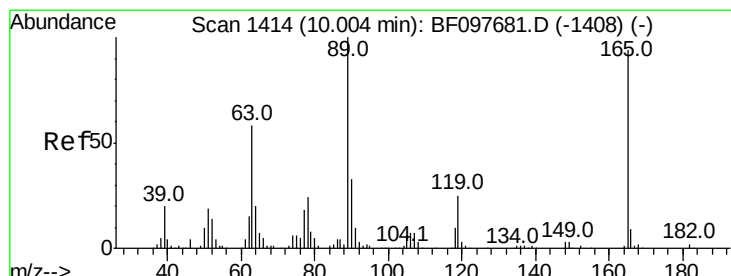
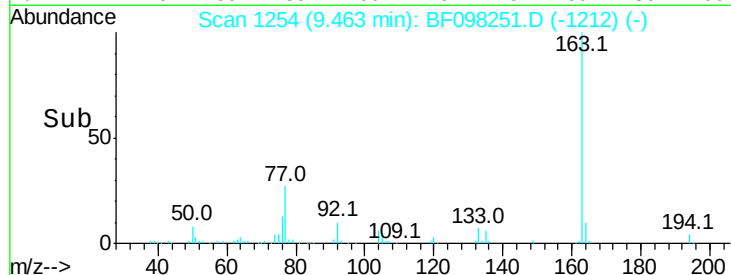
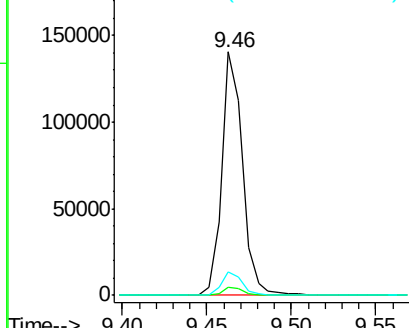
#49
Dimethylphthalate
Concen: 10.232 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.05 min
Lab File: BF098251.D
Acq: 2 Sep 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 120351
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

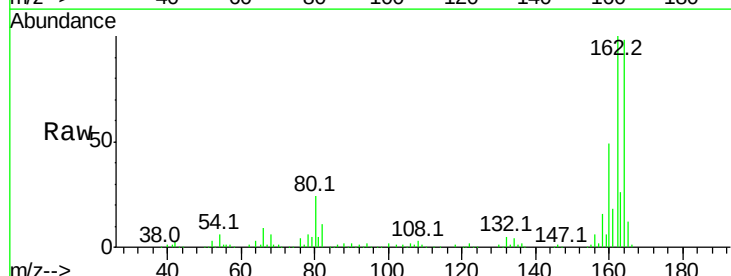


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

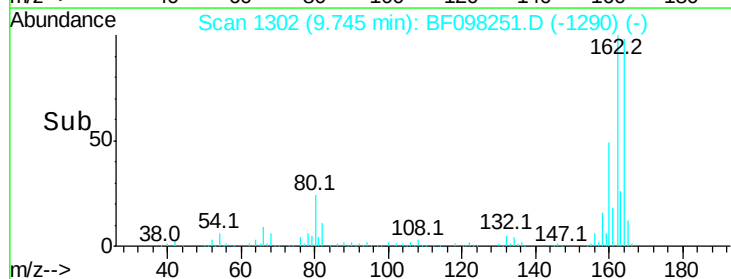
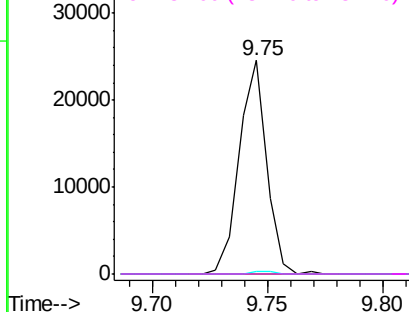


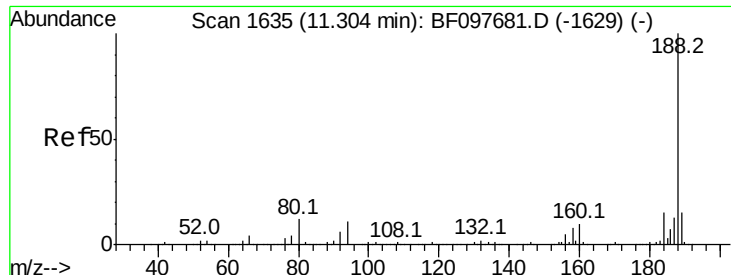
#56
2,4-Dinitrotoluene
Concen: 6.910 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.23 min
Lab File: BF098251.D
Acq: 2 Sep 2017 17:43

Tgt Ion:165 Resp: 20361
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 1.5 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

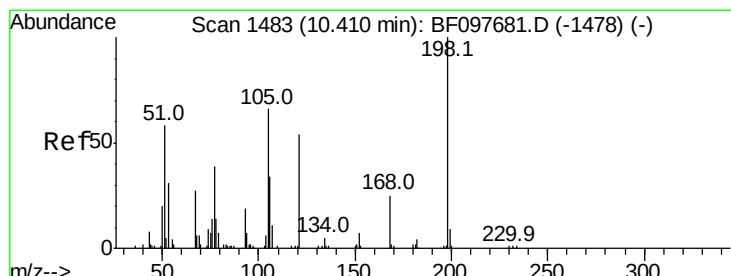
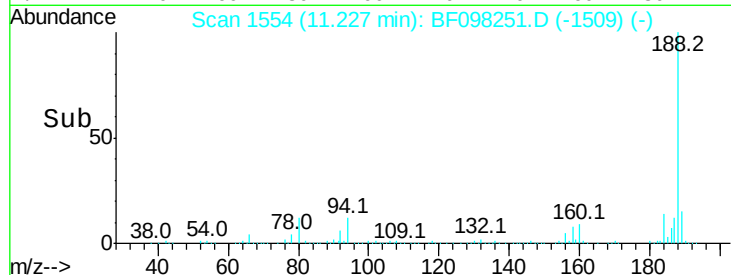
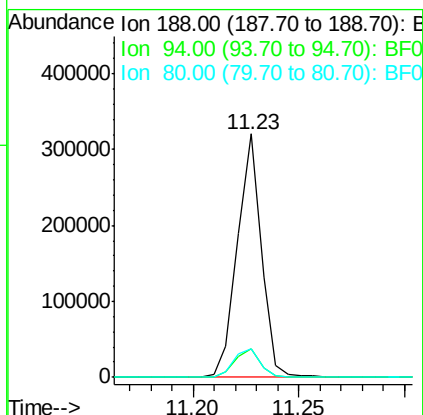
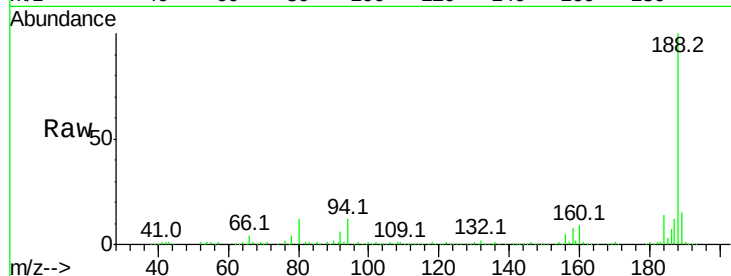




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.04 min
Lab File: BF098251.D
Acq: 2 Sep 2017 17:43

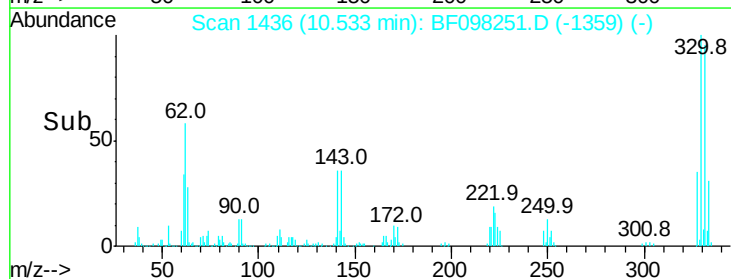
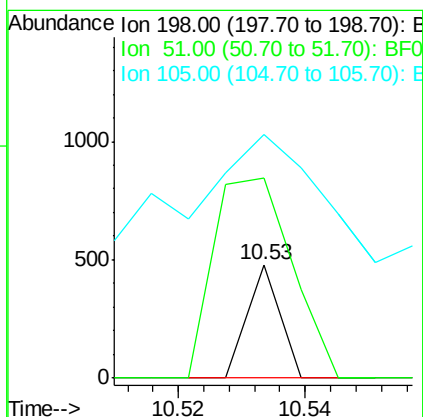
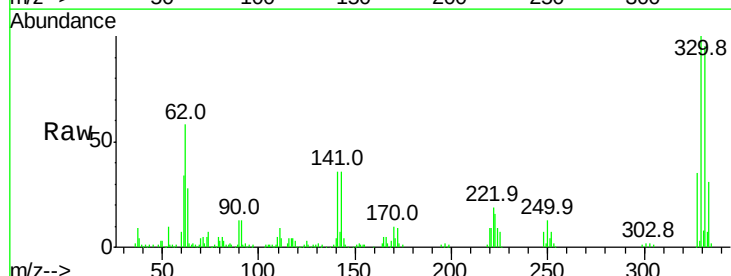
Instrument :
BNA_F
ClientSampleId :

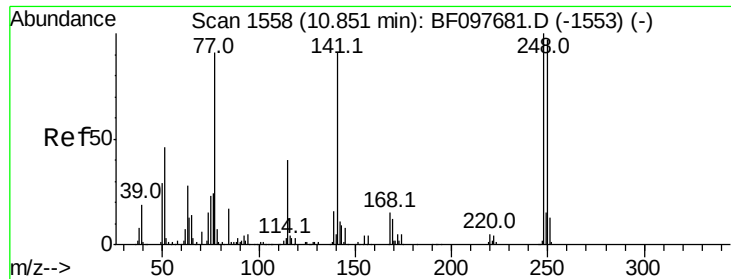
Tot Ion:188 Resp: 251017
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.439 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.15 min
Lab File: BF098251.D
Acq: 2 Sep 2017 17:43

Tgt Ion:198 Resp: 169
Ion Ratio Lower Upper
198 100
51 176.8 53.2 93.2#
105 215.3 45.8 85.8#

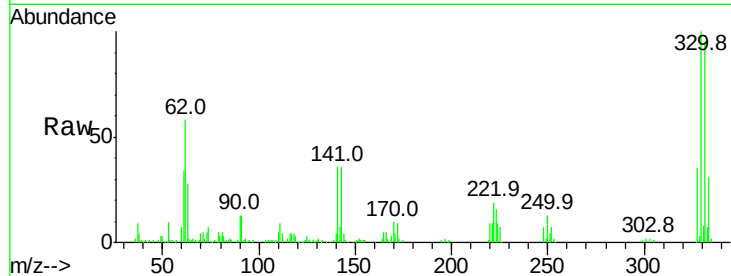




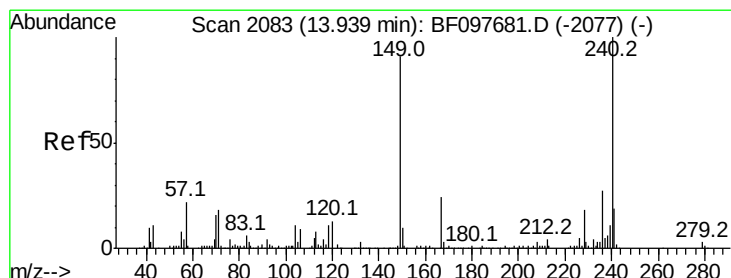
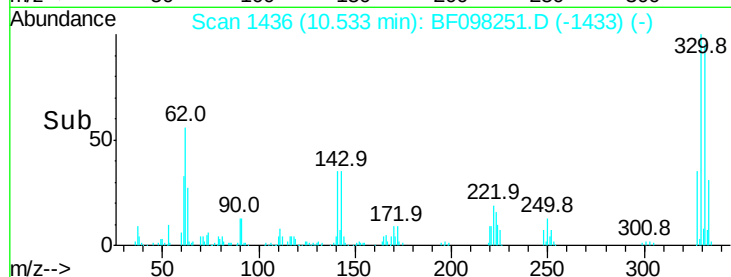
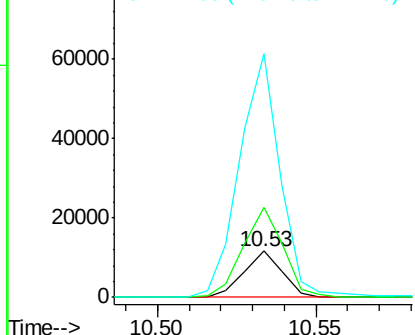
#66
 4-Bromophenyl-phenylether
 Concen: 3.706 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.28 min
 Lab File: BF098251.D
 Acq: 2 Sep 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9661
 Ion Ratio Lower Upper
 248 100
 250 194.8 76.8 115.2#
 141 526.6 68.6 103.0#

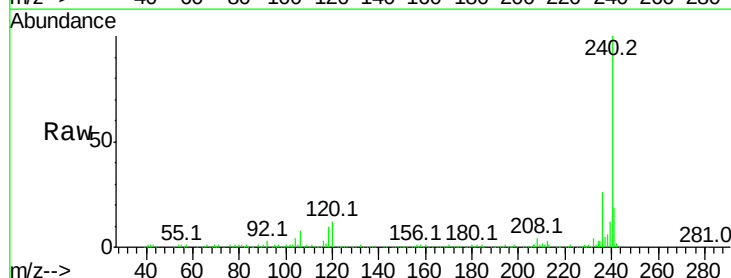


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

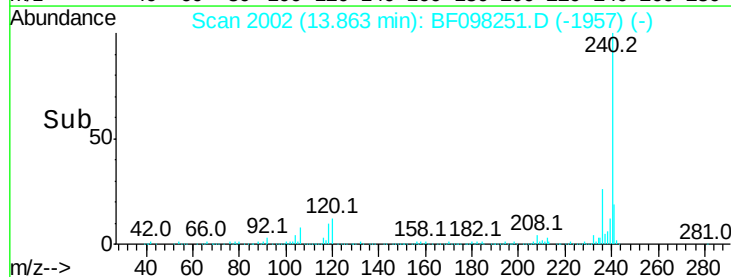
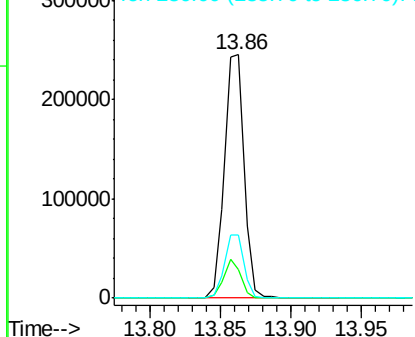


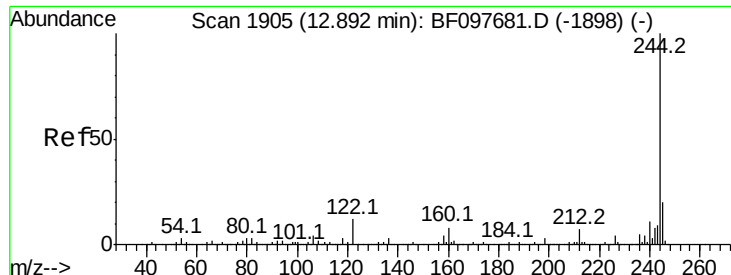
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.04 min
 Lab File: BF098251.D
 Acq: 2 Sep 2017 17:43

Tgt Ion:240 Resp: 238341
 Ion Ratio Lower Upper
 240 100
 120 11.6 5.8 8.8#
 236 25.8 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

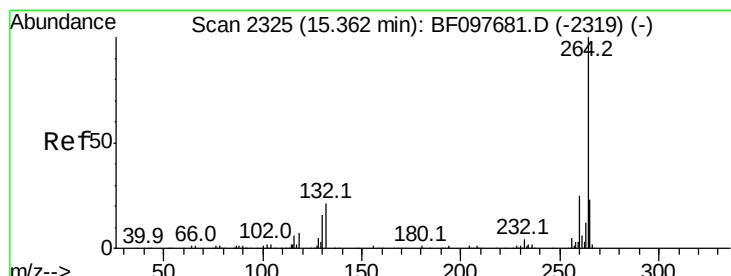
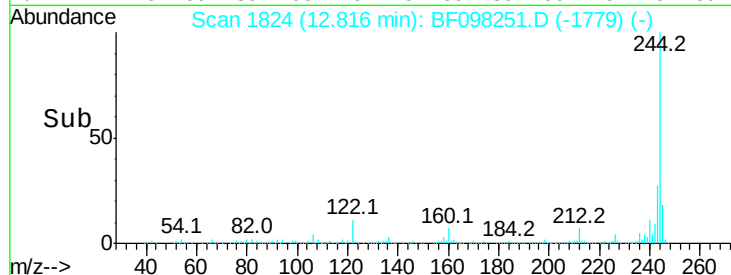
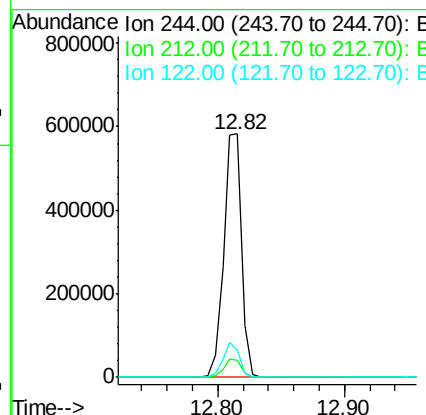
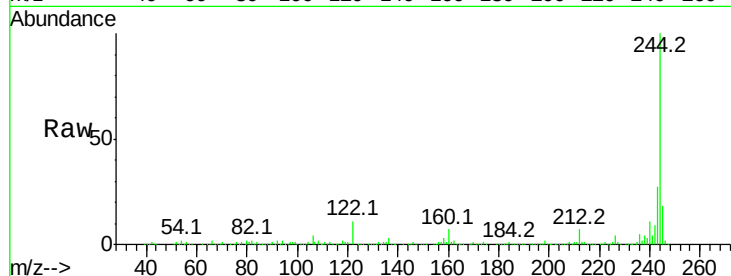




#78
 Terphenyl-d14
 Concen: 50.099 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.04 min
 Lab File: BF098251.D
 Acq: 2 Sep 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 572595
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.04 min
 Lab File: BF098251.D
 Acq: 2 Sep 2017 17:43

Tgt Ion:264 Resp: 235052
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.0 17.2 25.8

