

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098161.D
 Acq On : 30 Aug 2017 17:43
 Operator : SJ/JU
 Sample : PB101874BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 06:40:21 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

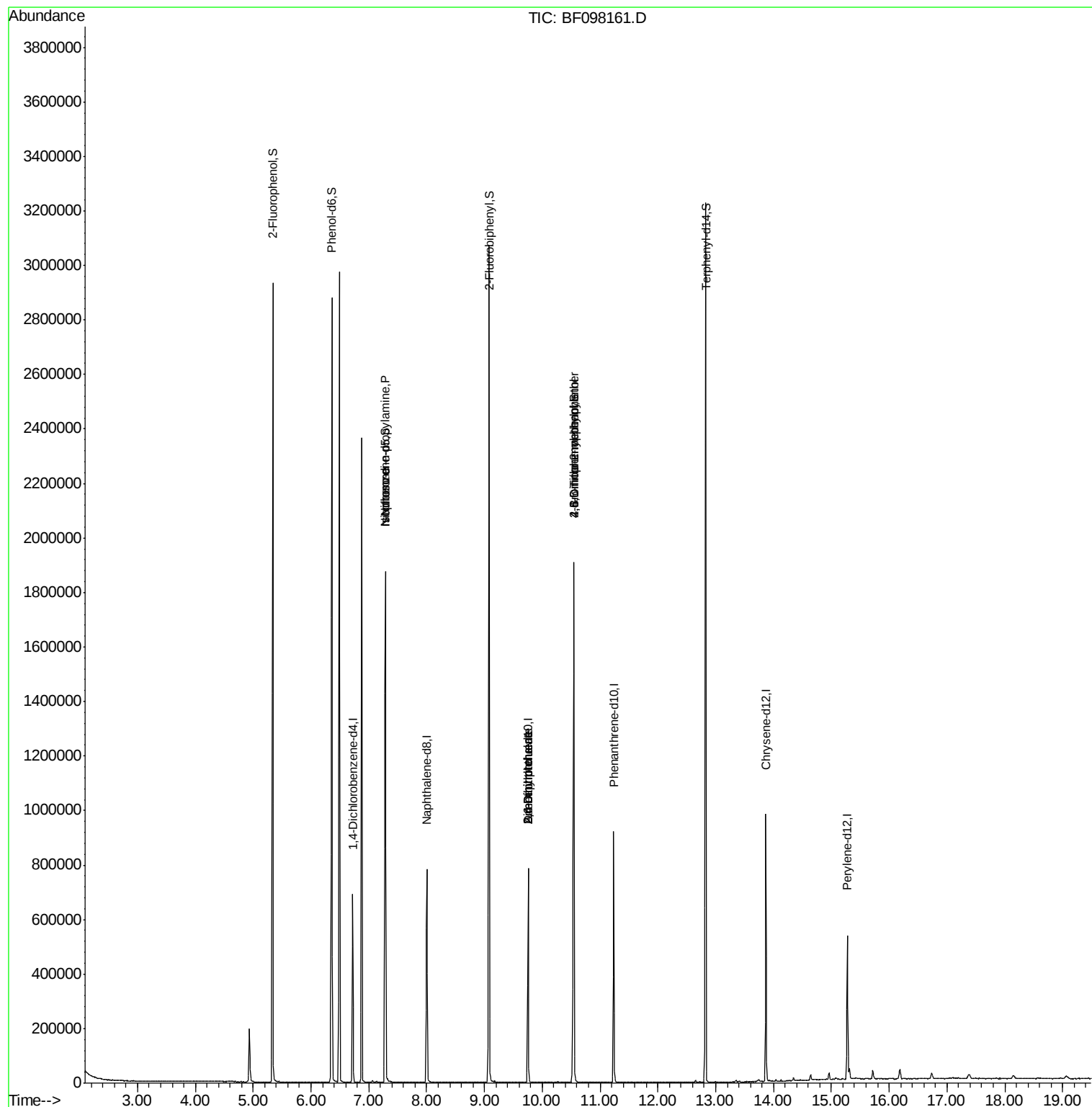
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	91554	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	380138	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	176580	20.00	ng	-0.03
63) Phenanthrene-d10	11.23	188	358161	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	318556	20.00	ng	-0.03
86) Perylene-d12	15.28	264	226375	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	888995	147.70	ng	-0.01
7) Phenol-d6	6.36	99	1181108	144.42	ng	-0.02
23) Nitrobenzene-d5	7.29	82	741878	106.02	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	243546	158.96	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1159479	96.47	ng	-0.03
78) Terphenyl-d14	12.83	244	1098624	71.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	98357	17.569	ng	# 71
25) Isophorone	7.29	82	729734	50.152	ng	# 67
49) Dimethylphthalate	9.76	163	48208	3.735	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	21246	8.246	ng	# 33
56) 2,4-Dinitrotoluene	9.75	165	21246	6.571	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.55	198	482	8.557	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	15903	4.276	ng	# 1

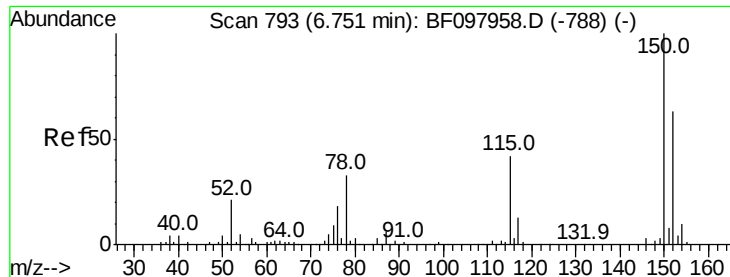
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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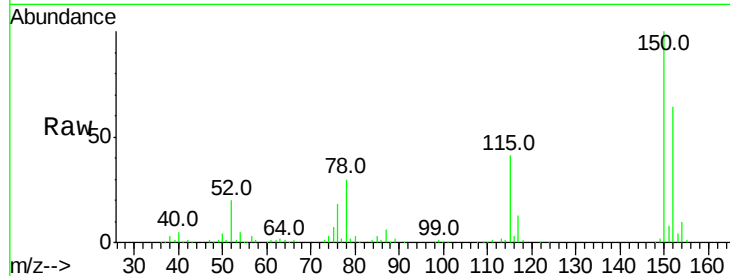


#1

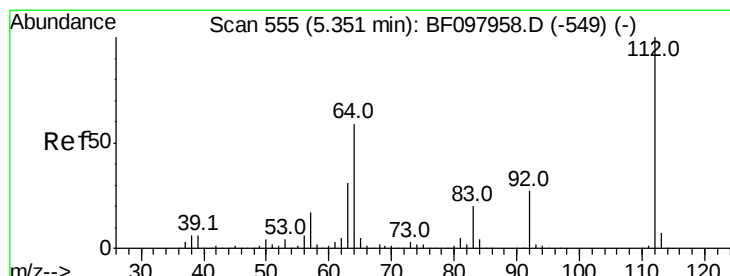
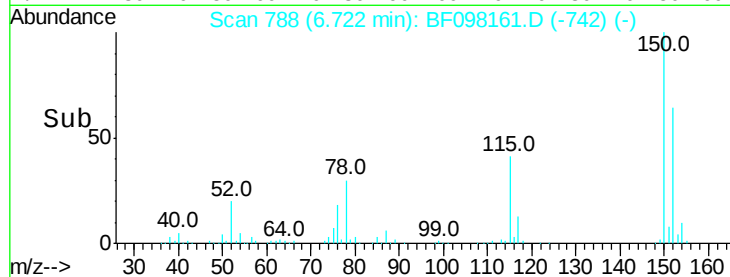
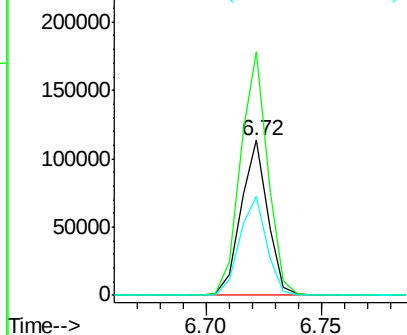
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 91554
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 64.1 52.2 78.2



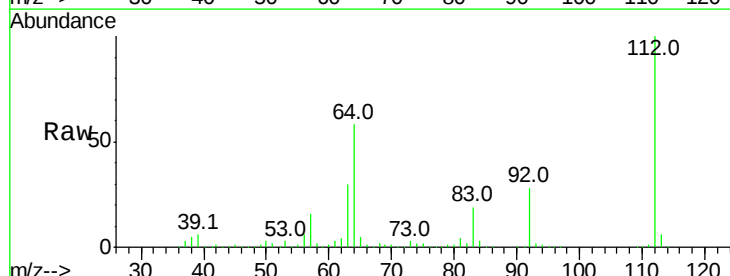
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



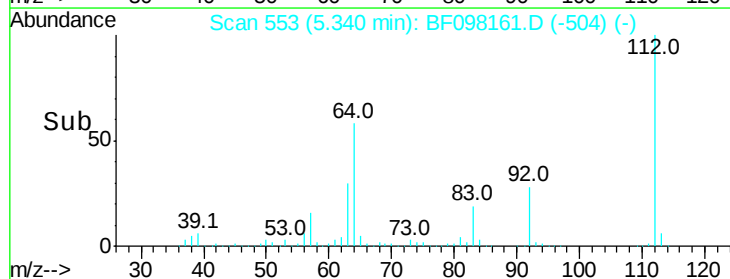
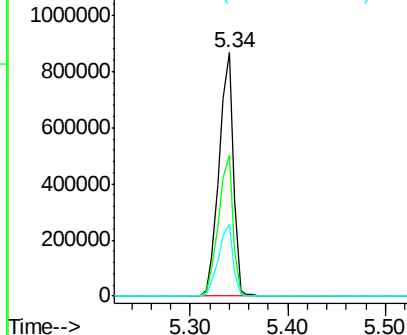
#5

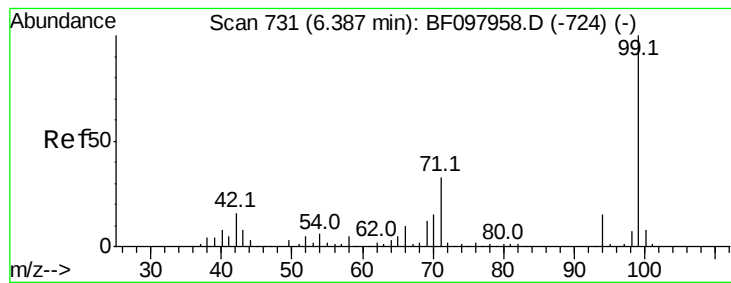
2-Fluorophenol
Concen: 147.697 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

Tgt Ion:112 Resp: 888995
Ion Ratio Lower Upper
112 100
64 58.2 46.0 69.0
63 29.7 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: 144.422 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

Instrument :

BNA_F

ClientSampled :

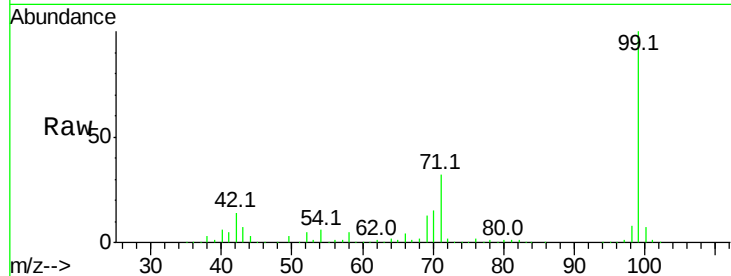
Tot Ion: 99 Resp: 1181108

Ion Ratio Lower Upper

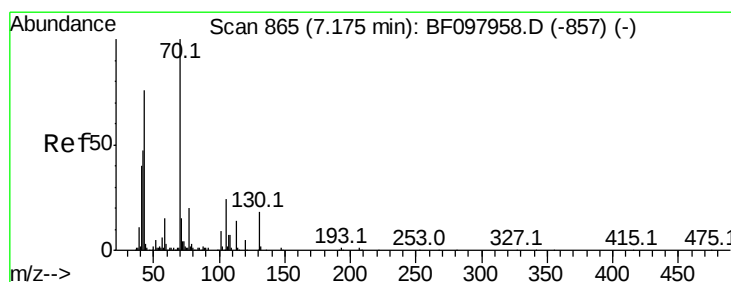
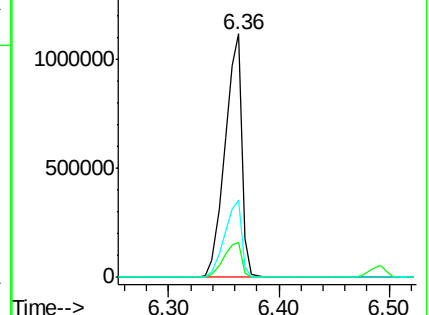
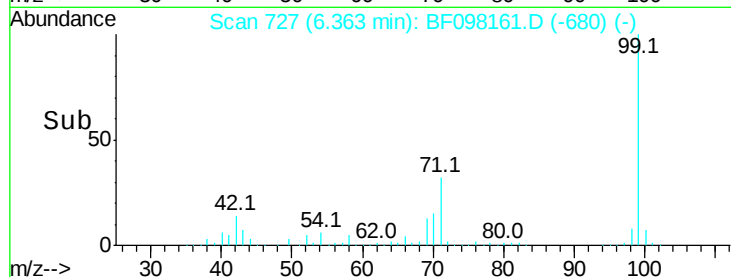
99 100

42 14.5 13.5 20.3

71 31.5 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: 17.569 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

Tgt Ion: 70 Resp: 98357

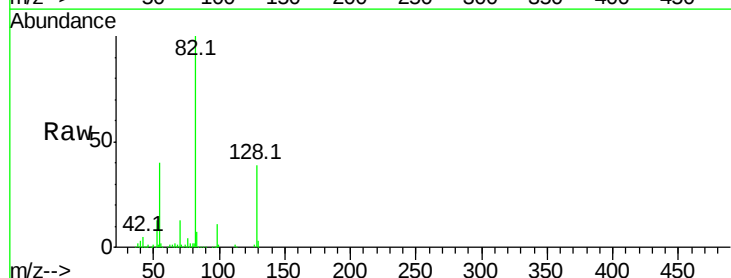
Ion Ratio Lower Upper

70 100

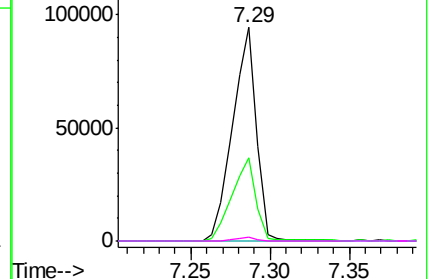
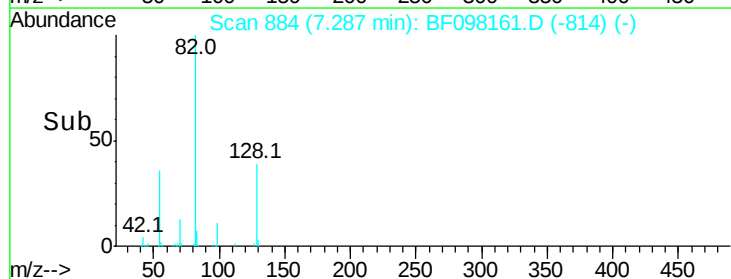
42 39.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 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

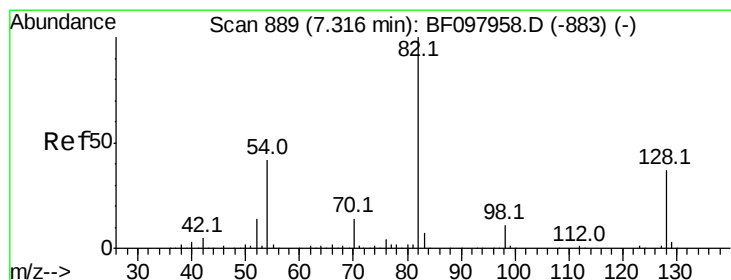
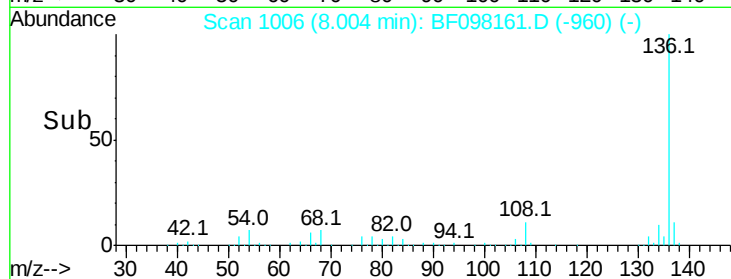
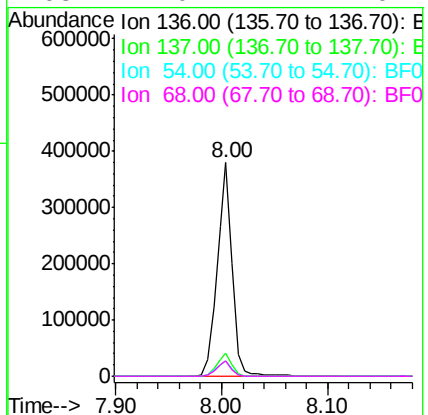
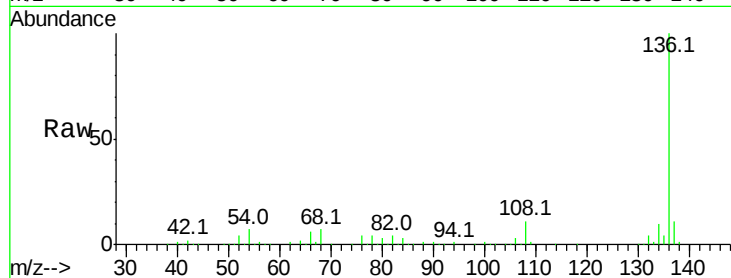




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

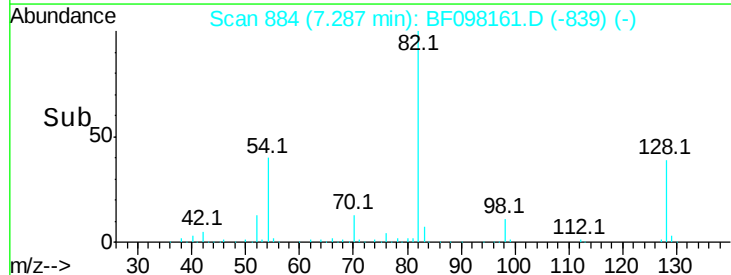
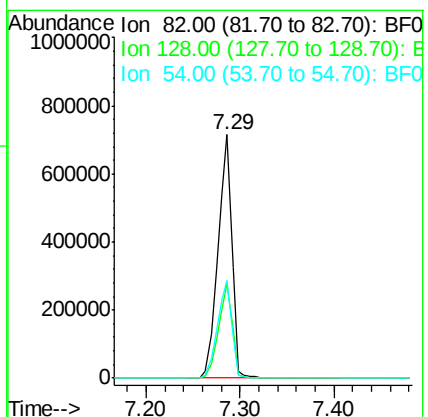
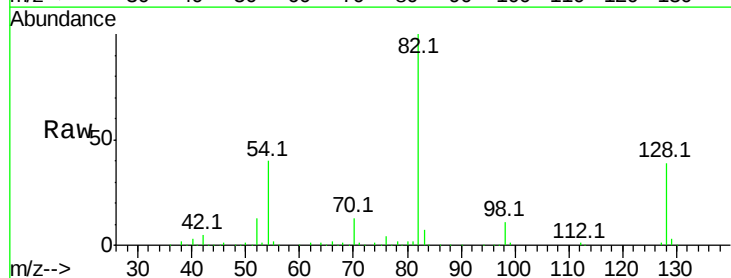
Instrument :
BNA_F
ClientSampleId :

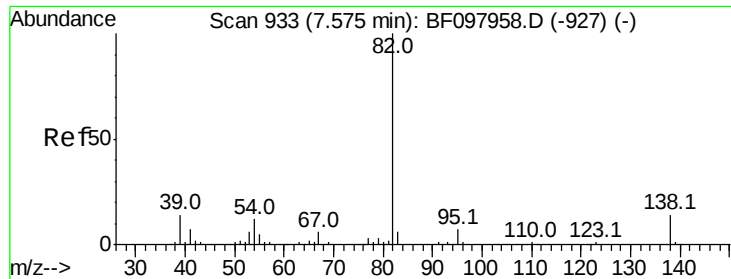
Tot Ion:	136	Resp:	380138
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.5	4.9	7.3#
68	7.0	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 106.020 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

Tgt Ion:	82	Resp:	741878
Ion	Ratio	Lower	Upper
82	100		
128	38.6	34.0	51.0
54	40.2	42.2	63.2#





#25

Isophorone

Concen: 50.152 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

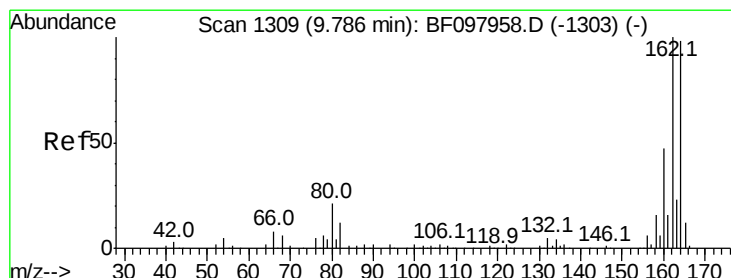
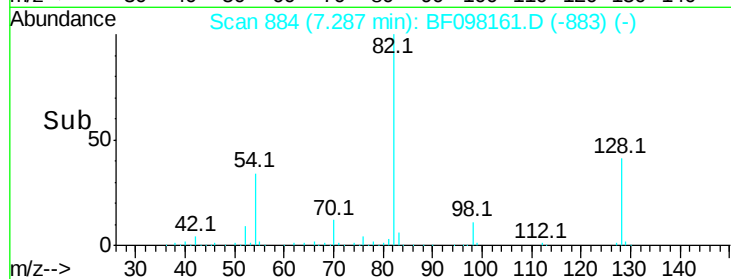
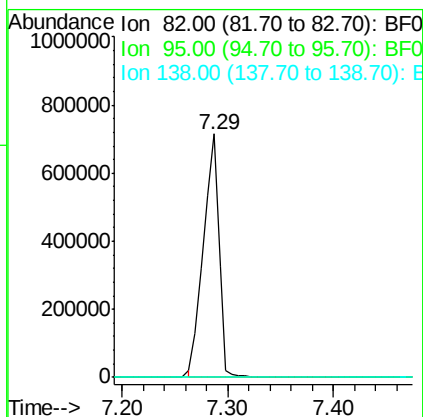
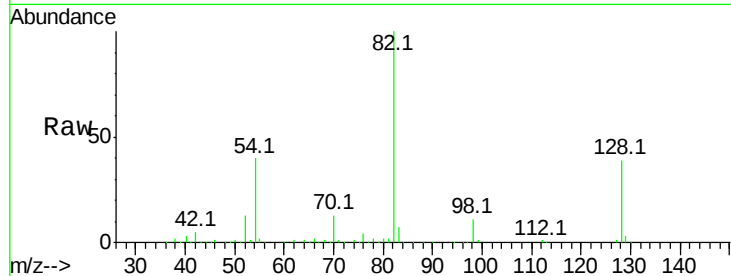
Tot Ion: 82 Resp: 729734

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: 9.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

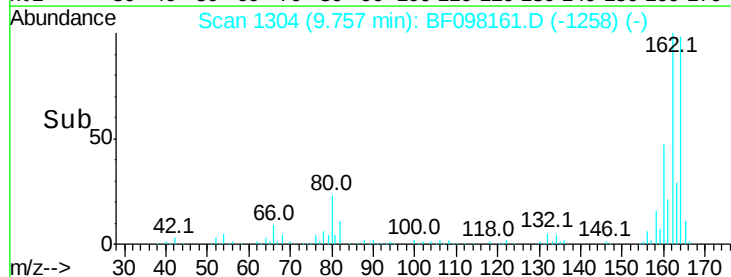
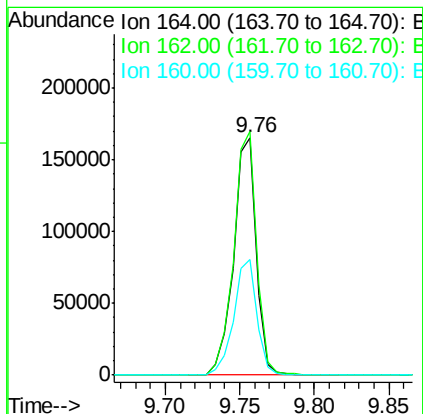
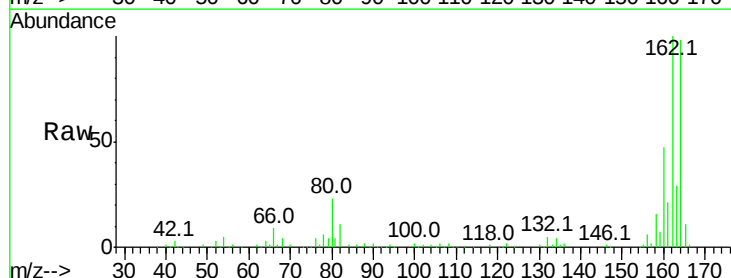
Tgt Ion: 164 Resp: 176580

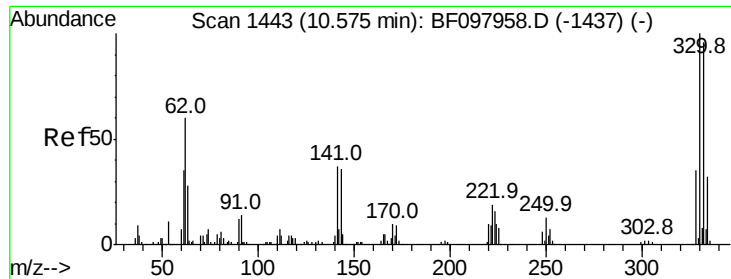
Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

160 48.7 36.2 54.2

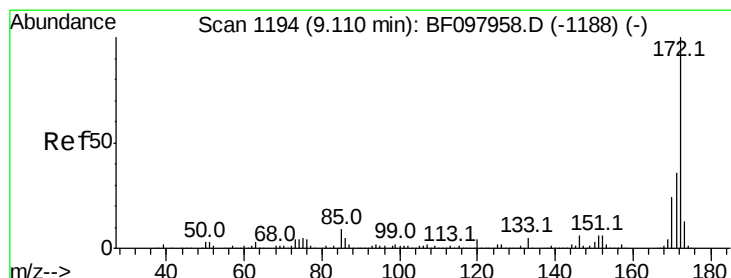
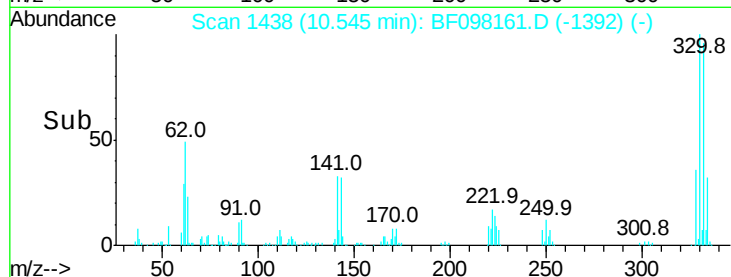
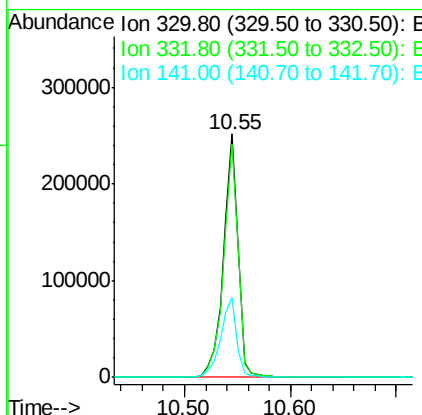
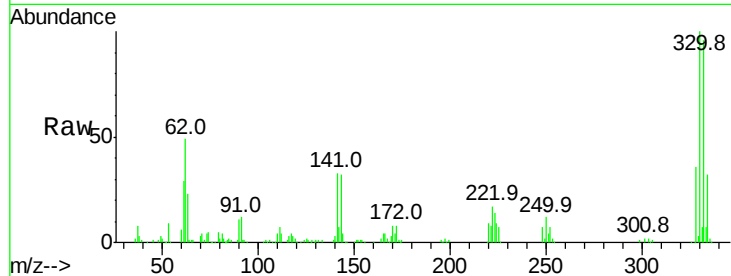




#41
 2,4,6-Tribromophenol
 Concen: 158.960 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098161.D
 Acq: 30 Aug 2017 17:43

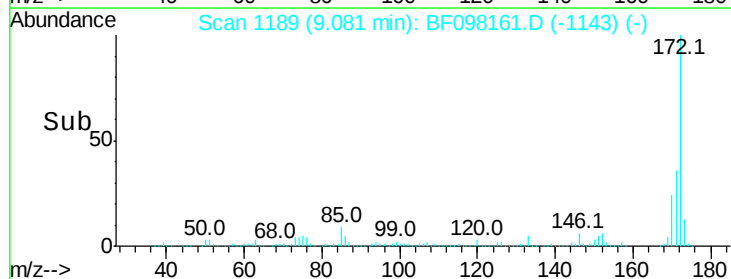
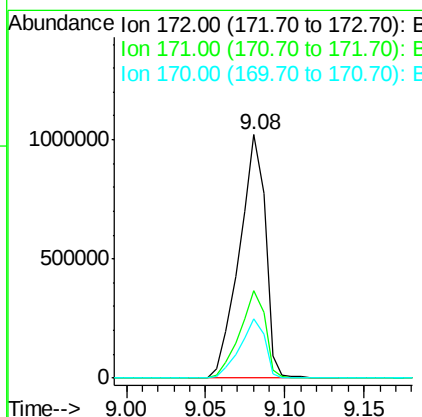
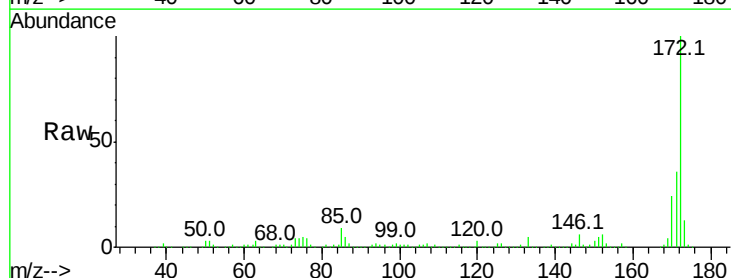
Instrument :
 BNA_F
 ClientSampleId :

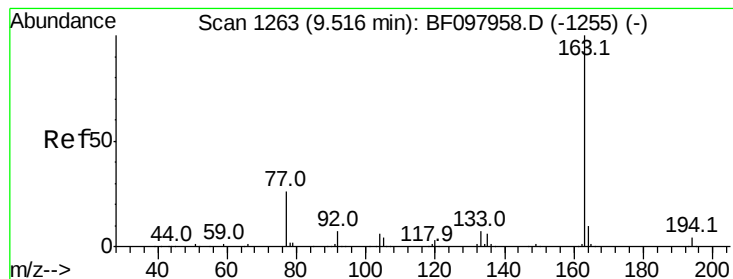
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	36.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 96.473 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098161.D
 Acq: 30 Aug 2017 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.2	19.8	29.8





#49

Dimethylphthalate

Concen: 3.735 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.24 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

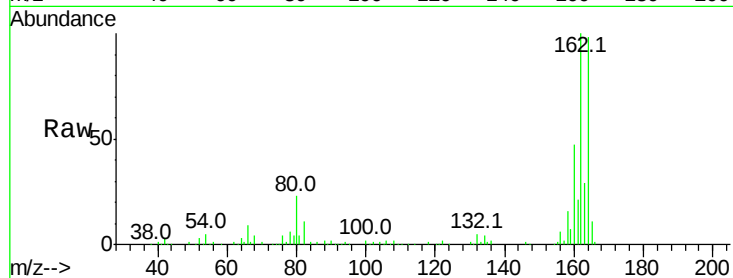
Tot Ion:163 Resp: 48208

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

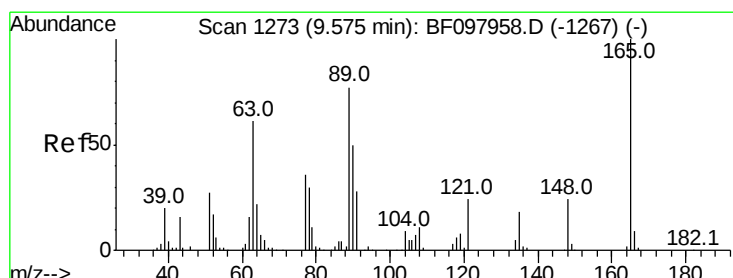
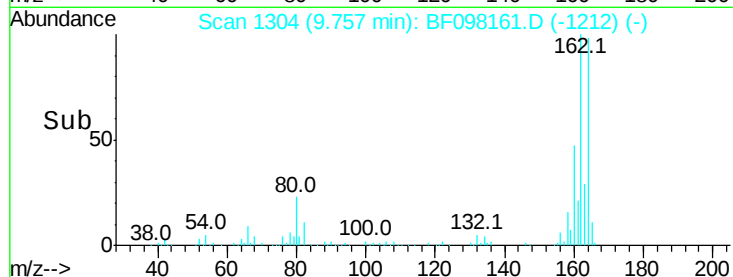
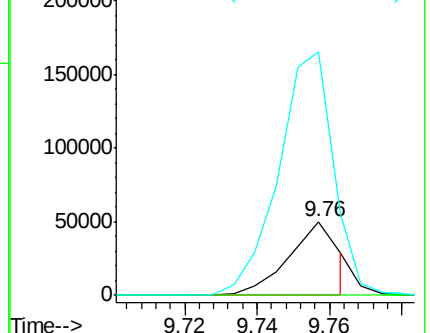
164 330.8 8.4 12.6#



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



#50

2,6-Dinitrotoluene

Concen: 8.246 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.18 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

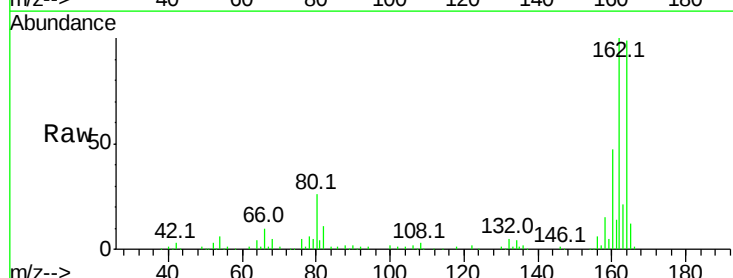
Tgt Ion:165 Resp: 21246

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

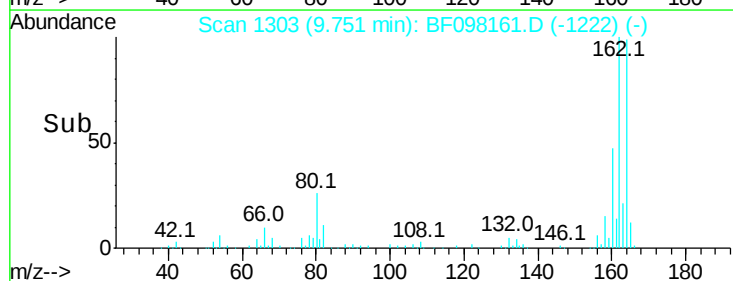
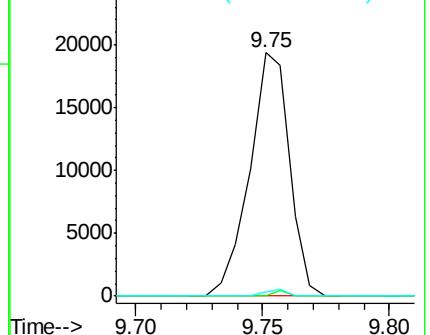
89 1.6 37.1 55.7#

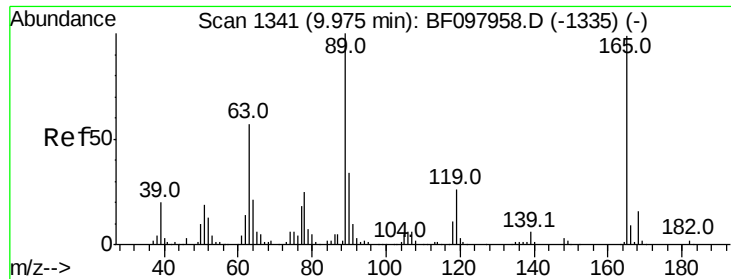


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

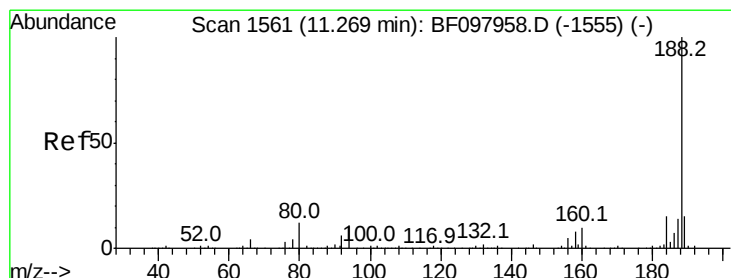
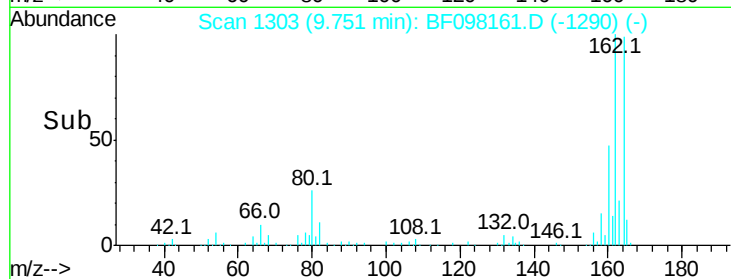
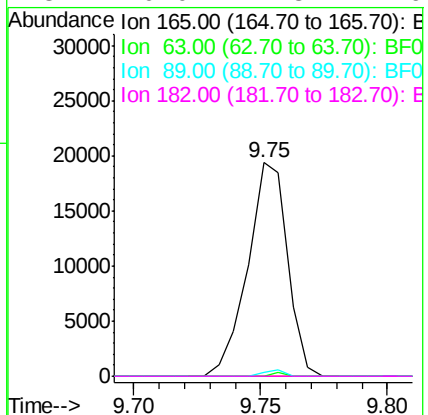
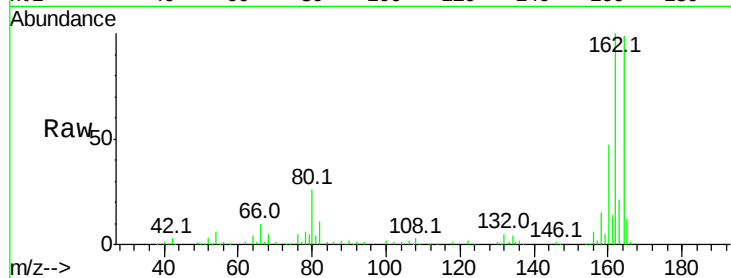




#56
2,4-Dinitrotoluene
Concen: 6.571 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

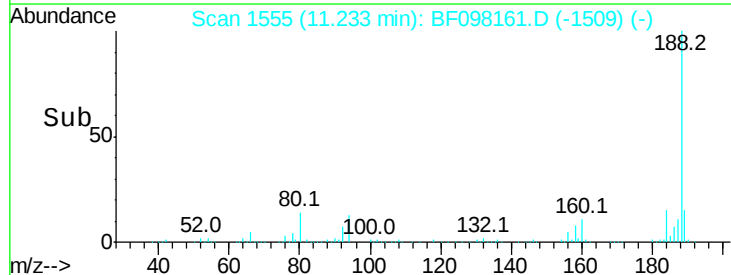
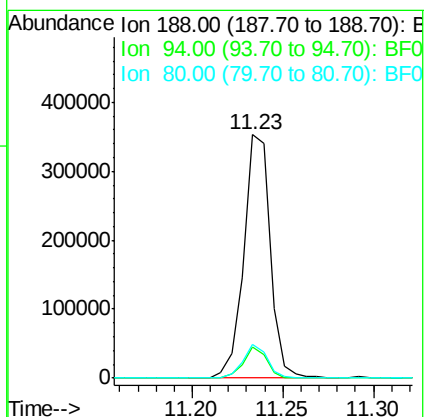
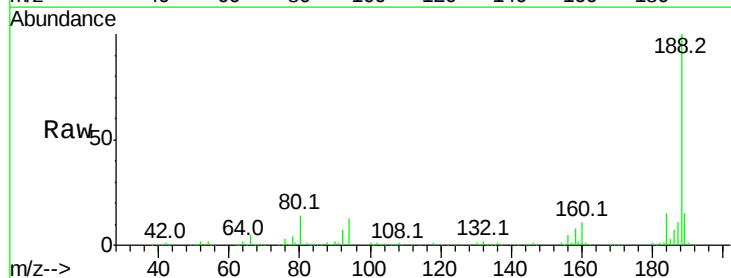
Instrument :
BNA_F
ClientSampleId :

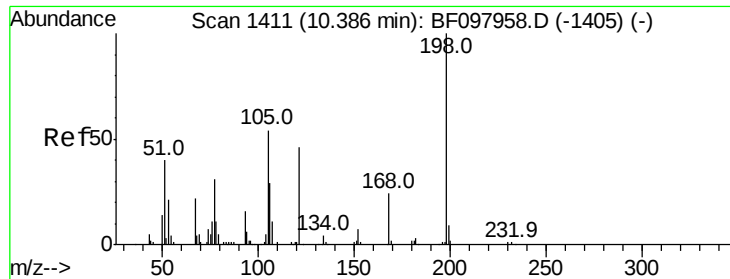
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	13.8	10.2	15.2

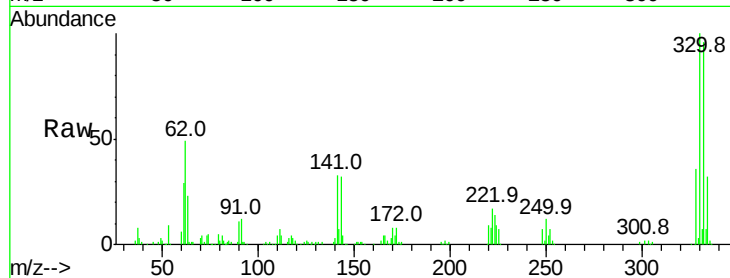




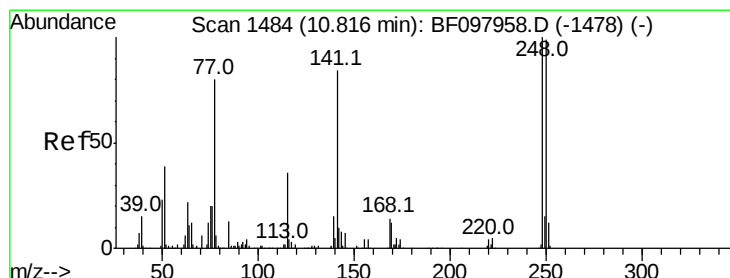
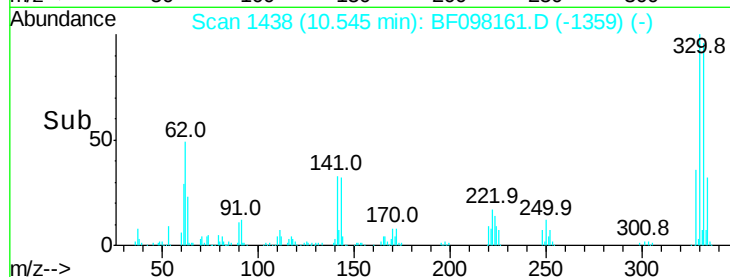
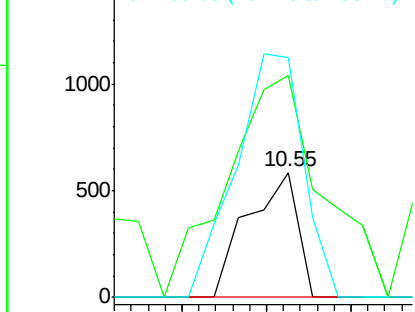
#64
4,6-Dinitro-2-methylphenol
Concen: 8.557 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.16 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 482
Ion Ratio Lower Upper
198 100
51 177.4 53.2 93.2#
105 192.3 45.8 85.8#

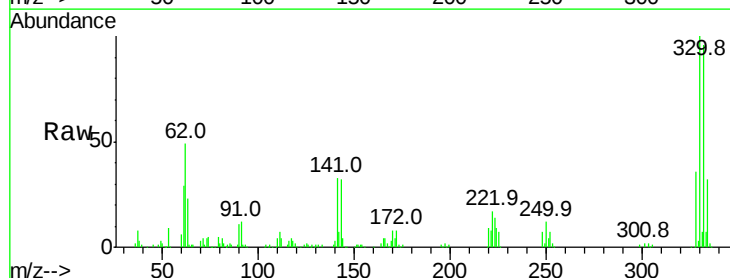


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

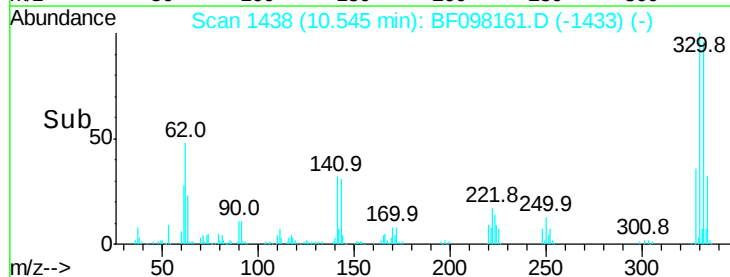
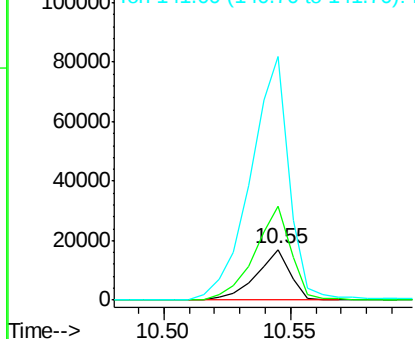


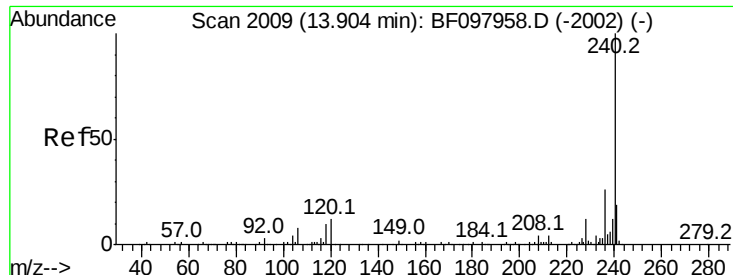
#66
4-Bromophenyl-phenylether
Concen: 4.276 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.27 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

Tgt Ion:248 Resp: 15903
Ion Ratio Lower Upper
248 100
250 183.7 76.8 115.2#
141 478.0 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: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

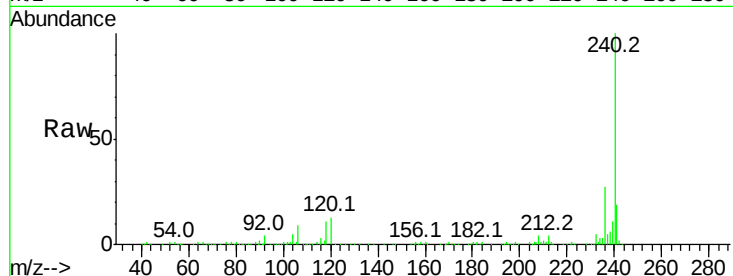
Tot Ion:240 Resp: 318556

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

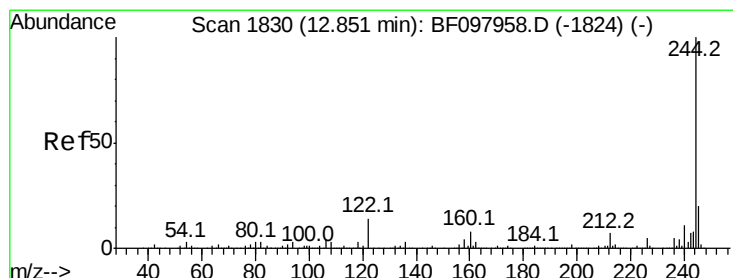
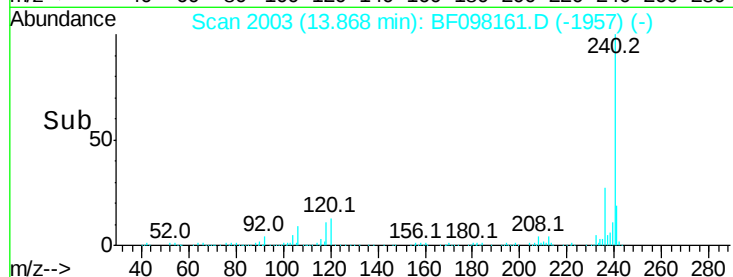
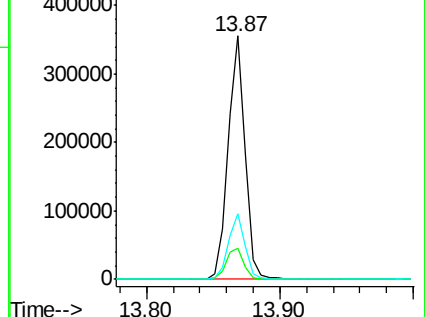
236 27.1 20.5 30.7



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: 71.918 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

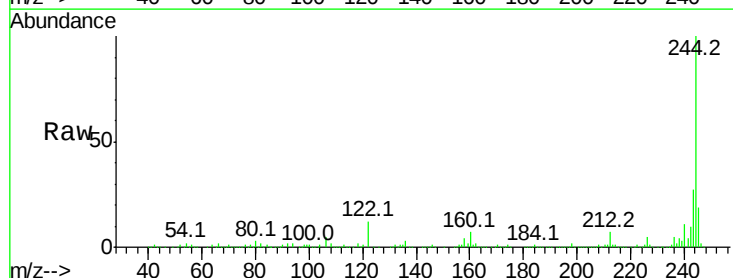
Tgt Ion:244 Resp: 1098624

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

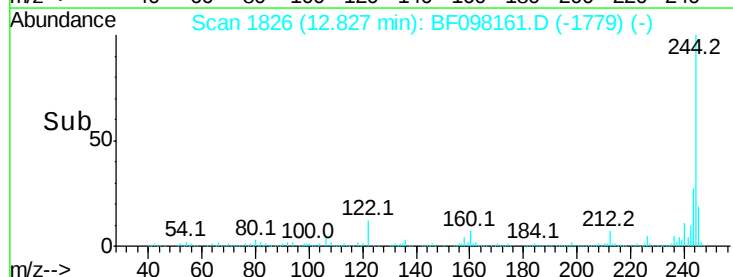
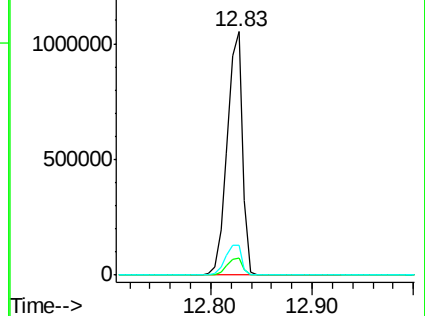
122 12.1 10.3 15.5

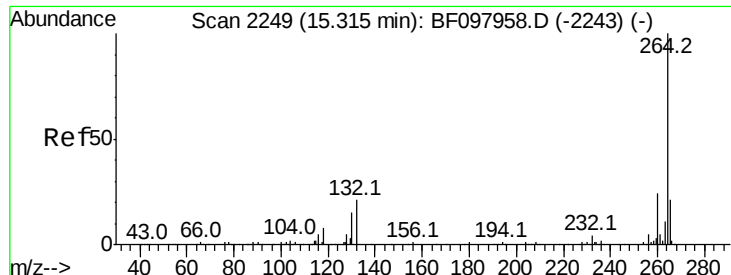


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

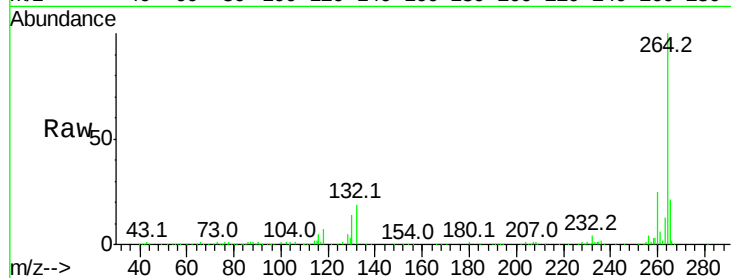




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.2	17.2	25.8



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

