

Data Path : U:\HPCHEM1\BNA F\DATA\BF082317\
 Data File : BF097992.D
 Acq On : 23 Aug 2017 12:29
 Operator : SJ/JU
 Sample : I4914-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 17:48:06 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

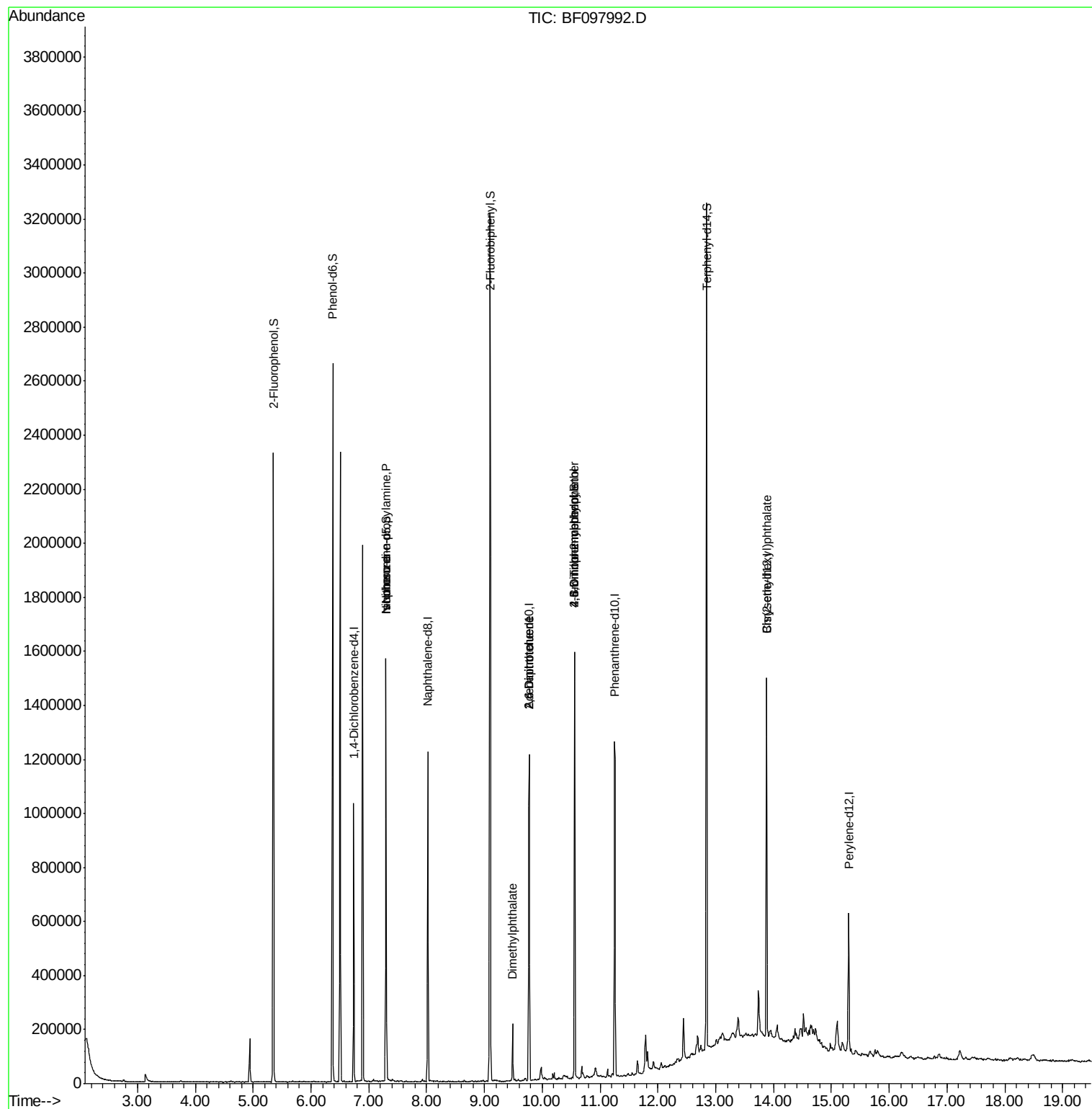
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	134133	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	526703	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	232610	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	445215	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	292045	20.00	ng	-0.01
86) Perylene-d12	15.30	264	238690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	650118	73.72	ng	0.00
7) Phenol-d6	6.37	99	977887	81.62	ng	-0.01
23) Nitrobenzene-d5	7.30	82	625251	64.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	180820	89.59	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1082707	68.39	ng	-0.01
78) Terphenyl-d14	12.84	244	1055566	75.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	83589	10.191	ng	# 72
25) Isophorone	7.30	82	610851	30.300	ng	# 67
49) Dimethylphthalate	9.49	163	70842	4.166	ng	100
50) 2,6-Dinitrotoluene	9.77	165	29596	8.720	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	29596	6.949	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	413	8.483	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	11995	2.594	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	214362	21.124	ng	97

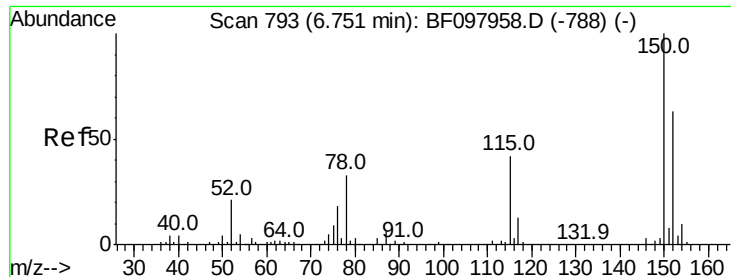
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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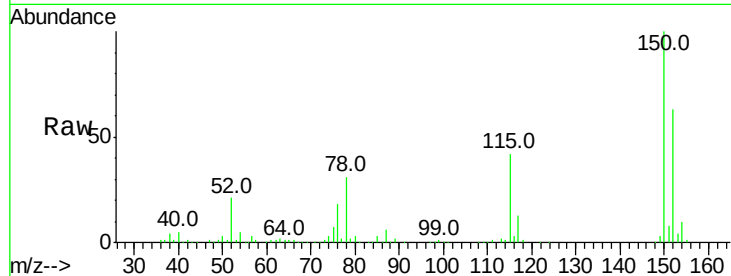


#1

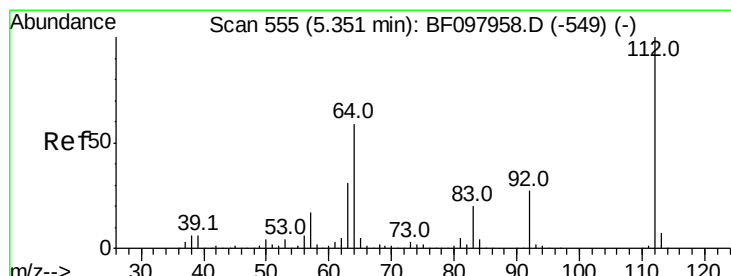
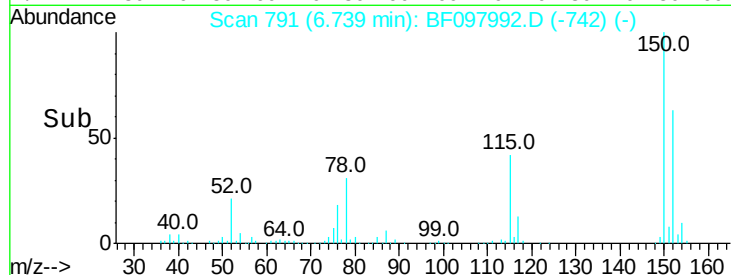
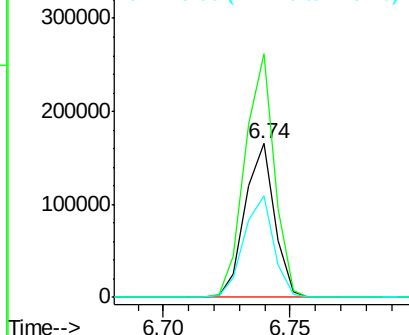
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF097992.D
Acq: 23 Aug 2017 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	66.0	52.2	78.2



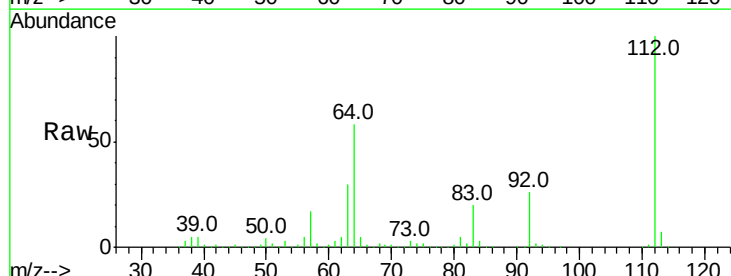
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



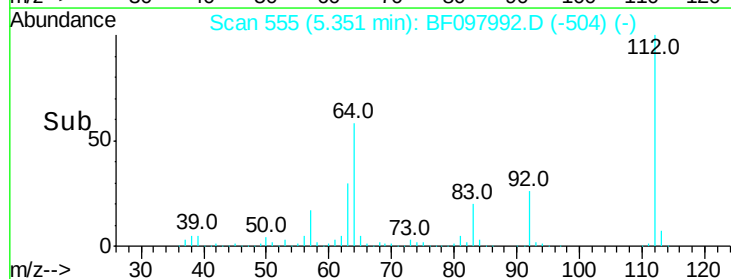
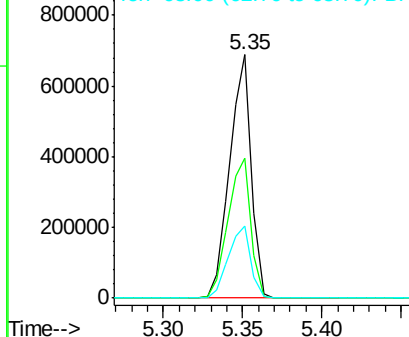
#5

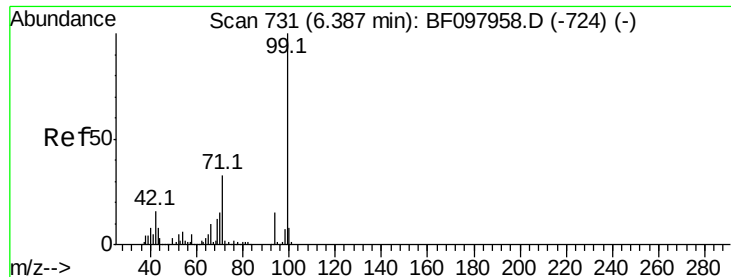
2-Fluorophenol
Concen: 73.724 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF097992.D
Acq: 23 Aug 2017 12:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.0	69.0
63	29.8	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: 81.616 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097992.D

Acq: 23 Aug 2017 12:29

Instrument :

BNA_F

ClientSampled :

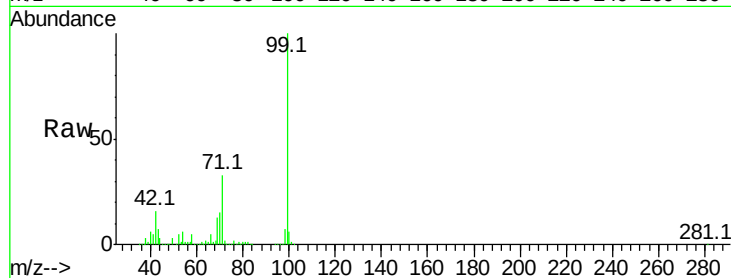
Tot Ion: 99 Resp: 977887

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

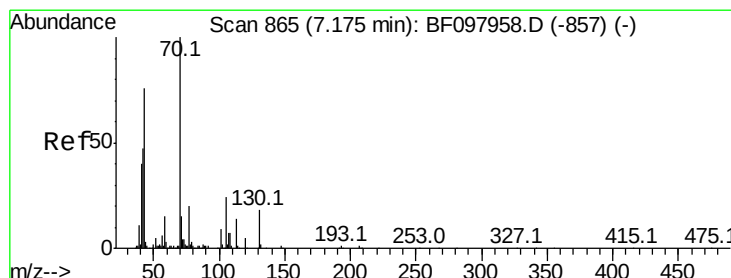
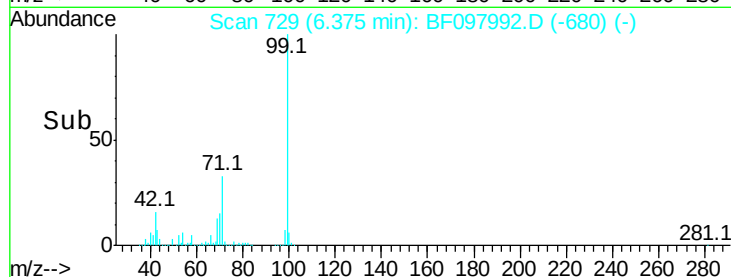
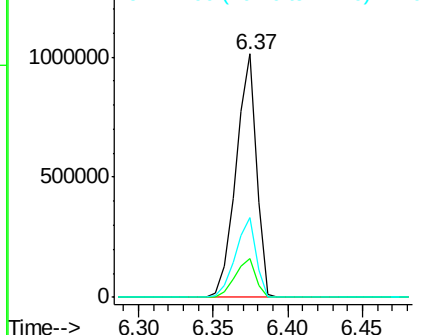
71 32.8 24.5 36.7



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: 10.191 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF097992.D

Acq: 23 Aug 2017 12:29

Tgt Ion: 70 Resp: 83589

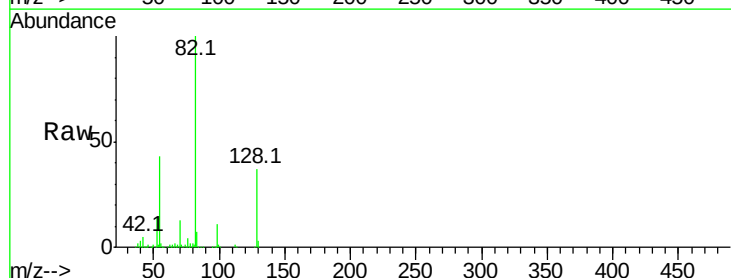
Ion Ratio Lower Upper

70 100

42 40.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

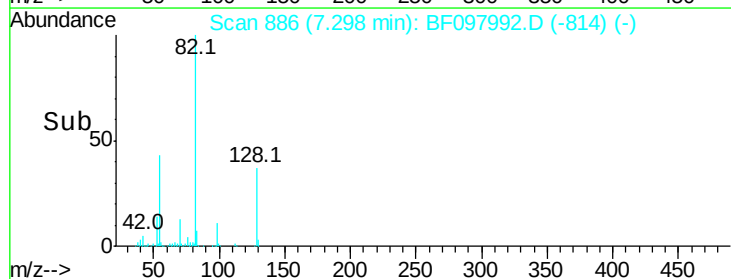
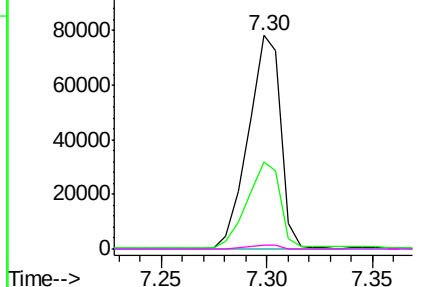


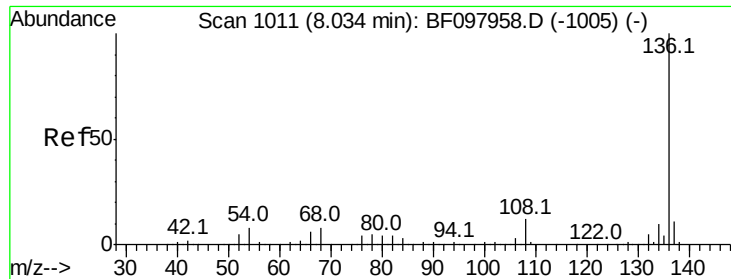
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

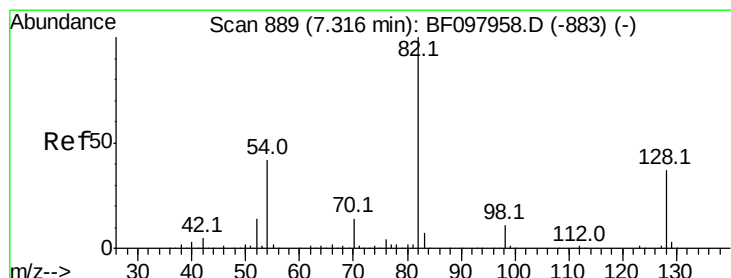
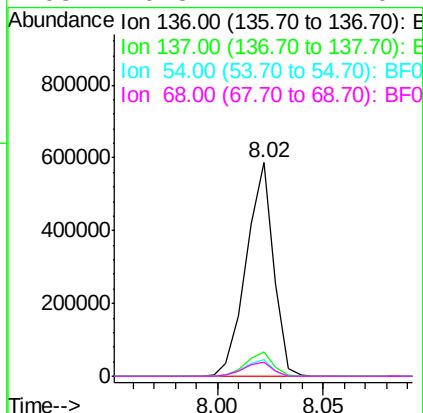
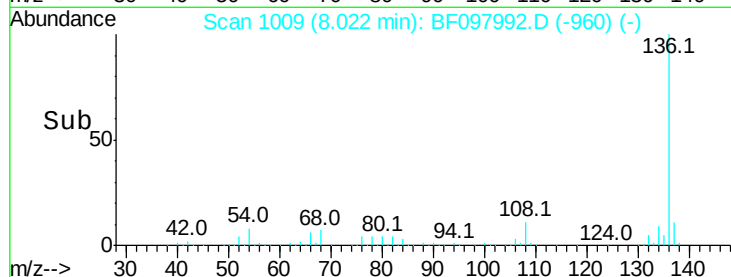
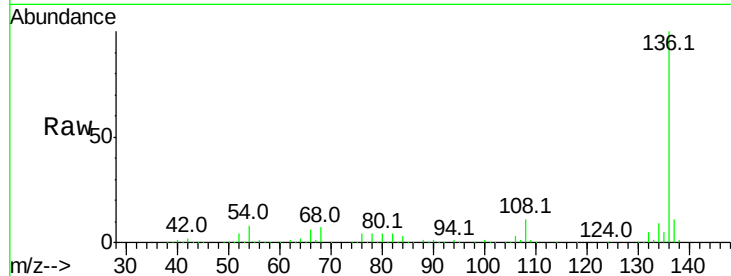




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF097992.D
Acq: 23 Aug 2017 12:29

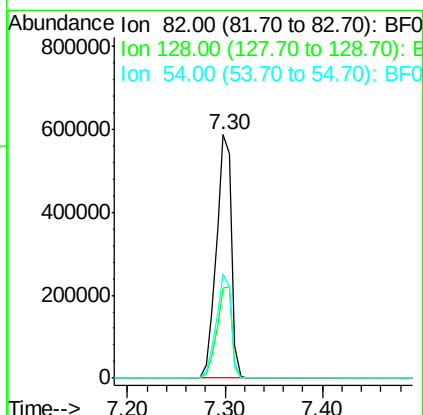
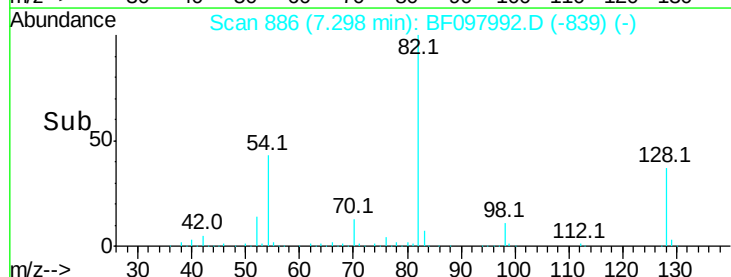
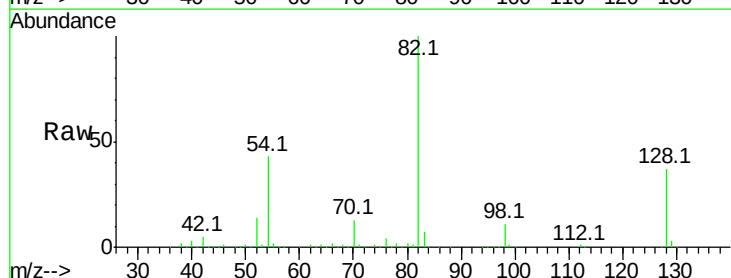
Instrument :
BNA_F
ClientSampleId :

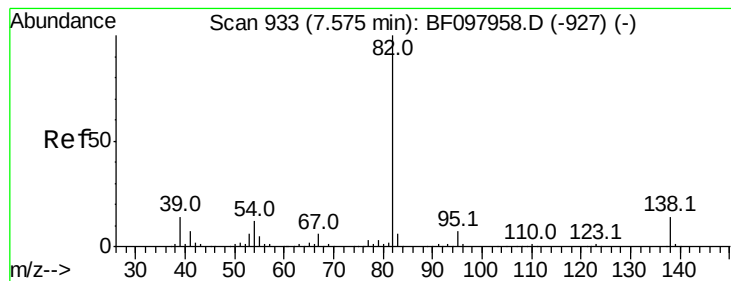
Tot Ion:	136	Resp:	526703
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.5	4.9	7.3#
68	6.8	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 64.489 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF097992.D
Acq: 23 Aug 2017 12:29

Tgt Ion:	82	Resp:	625251
Ion	Ratio	Lower	Upper
82	100		
128	37.0	34.0	51.0
54	42.8	42.2	63.2





#25

Isophorone

Concen: 30.300 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.28 min

Lab File: BF097992.D

Acq: 23 Aug 2017 12:29

Instrument :

BNA_F

ClientSampleId :

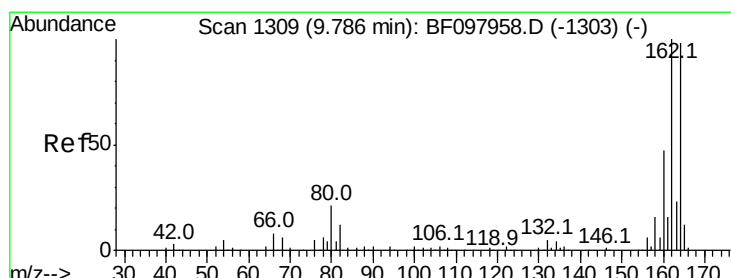
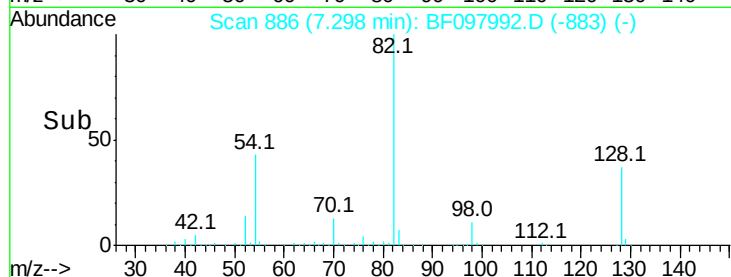
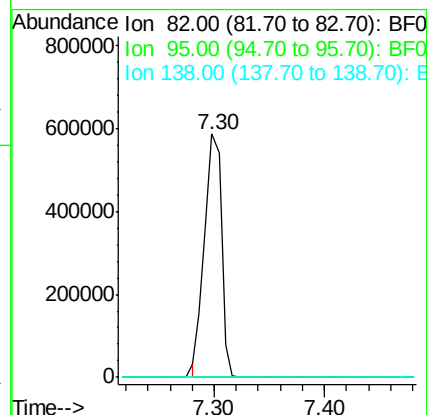
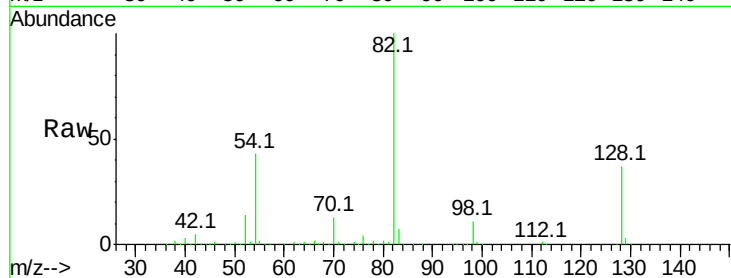
Tot Ion: 82 Resp: 610851

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF097992.D

Acq: 23 Aug 2017 12:29

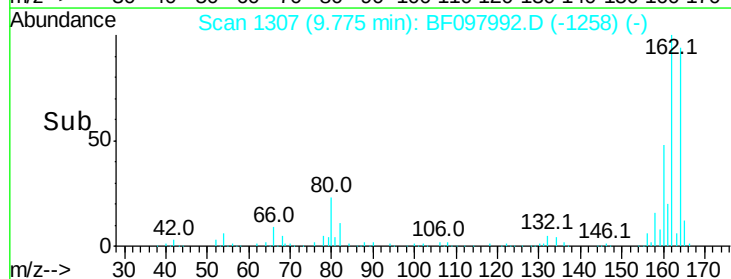
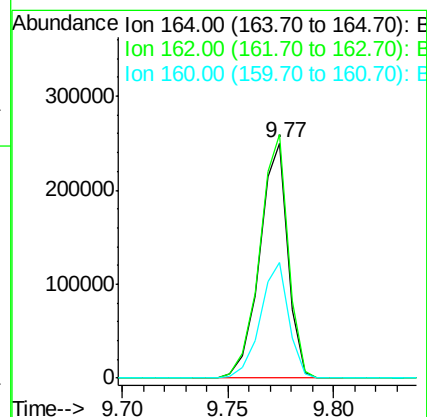
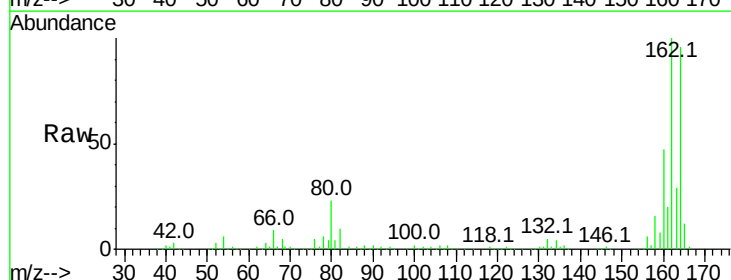
Tgt Ion: 164 Resp: 232610

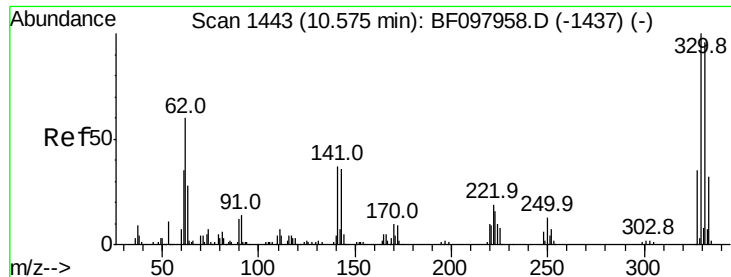
Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

160 49.2 36.2 54.2

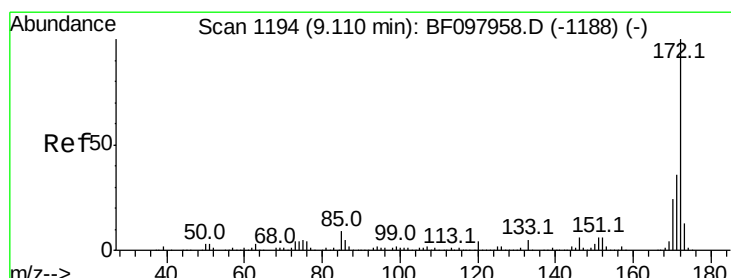
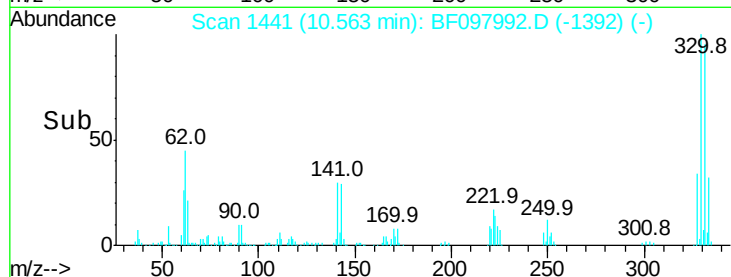
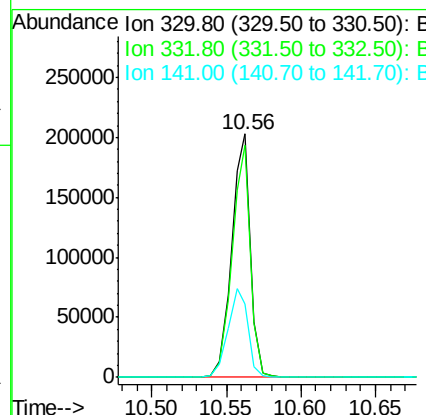
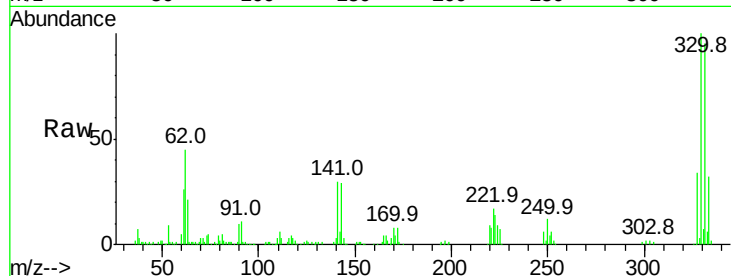




#41
 2,4,6-Tribromophenol
 Concen: 89.592 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF097992.D
 Acq: 23 Aug 2017 12:29

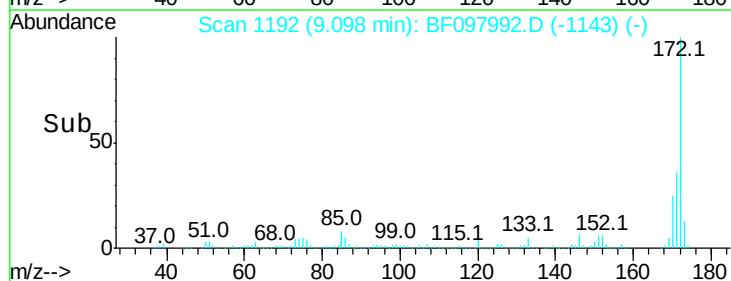
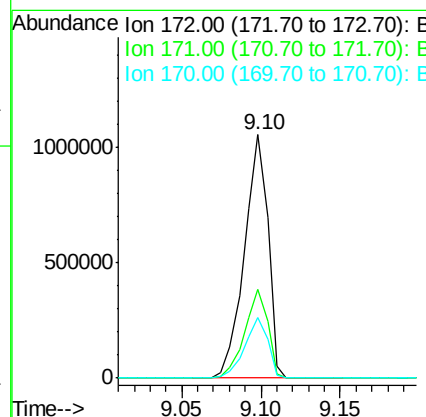
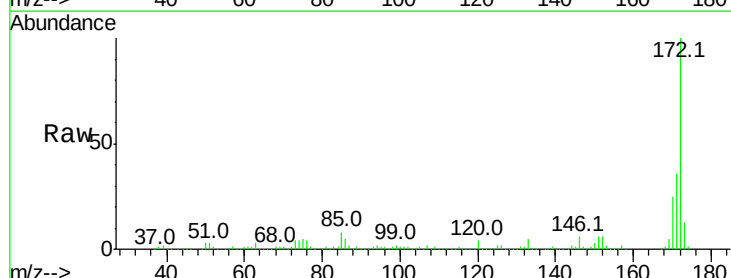
Instrument :
 BNA_F
 ClientSampleId :

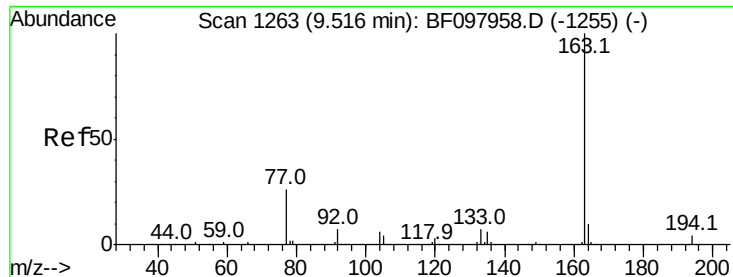
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.6	115.0
141	39.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 68.386 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF097992.D
 Acq: 23 Aug 2017 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.9	19.8	29.8

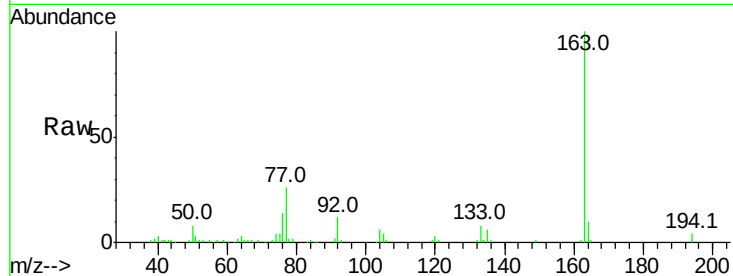




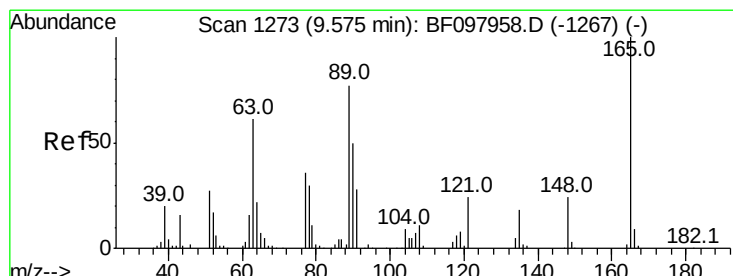
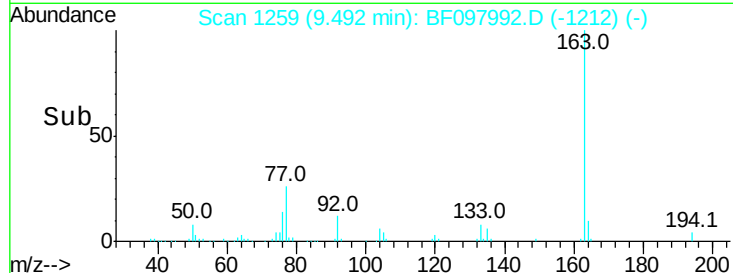
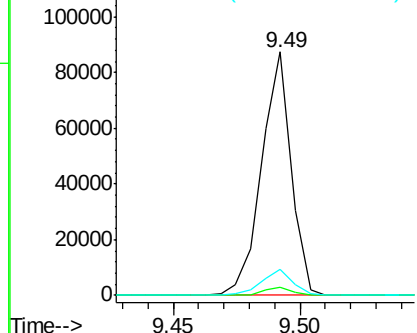
#49
 Dimethylphthalate
 Concen: 4.166 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF097992.D
 Acq: 23 Aug 2017 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:163 Resp: 70842
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 10.5 8.4 12.6

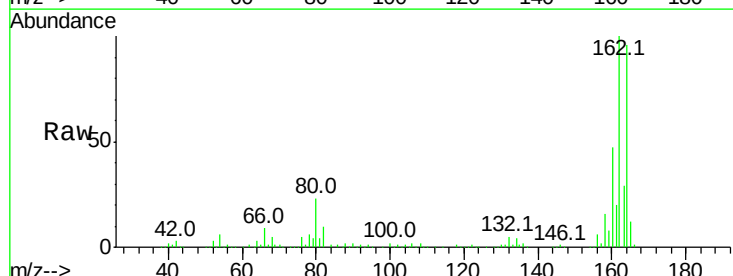


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

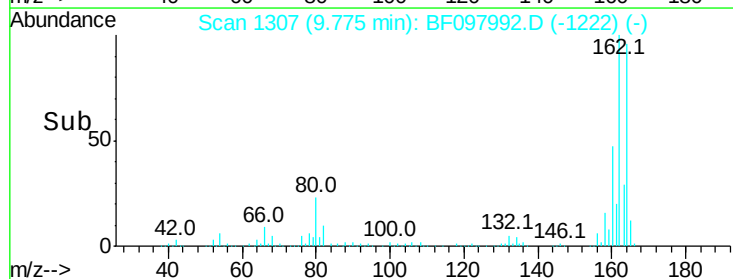
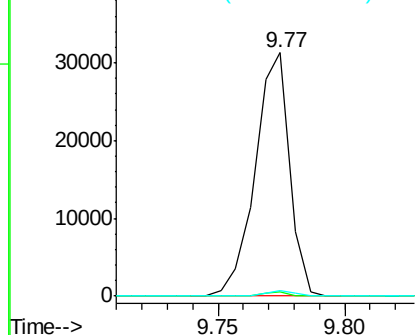


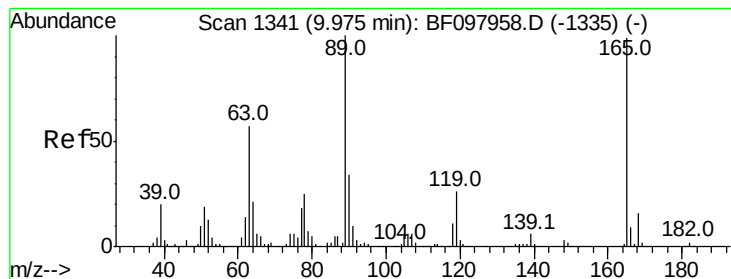
#50
 2,6-Dinitrotoluene
 Concen: 8.720 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.20 min
 Lab File: BF097992.D
 Acq: 23 Aug 2017 12:29

Tgt Ion:165 Resp: 29596
 Ion Ratio Lower Upper
 165 100
 63 1.7 34.3 51.5#
 89 2.2 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

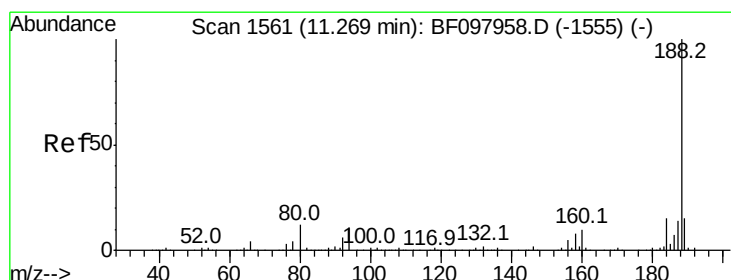
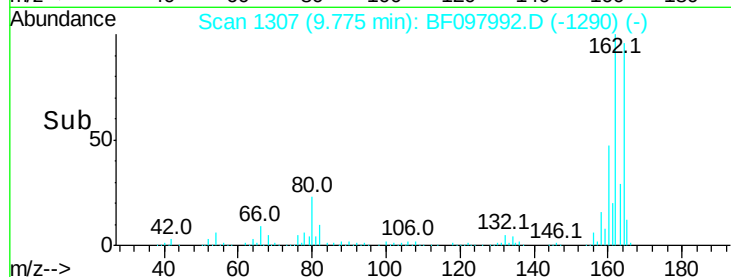
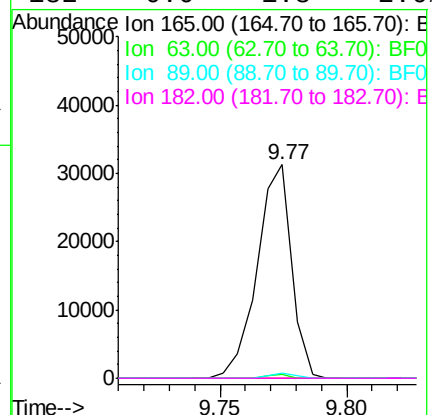
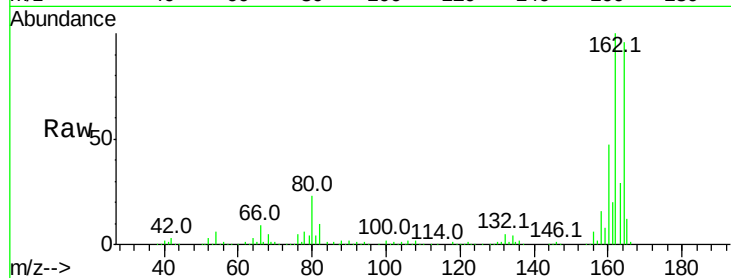




#56
 2,4-Dinitrotoluene
 Concen: 6.949 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF097992.D
 Acq: 23 Aug 2017 12:29

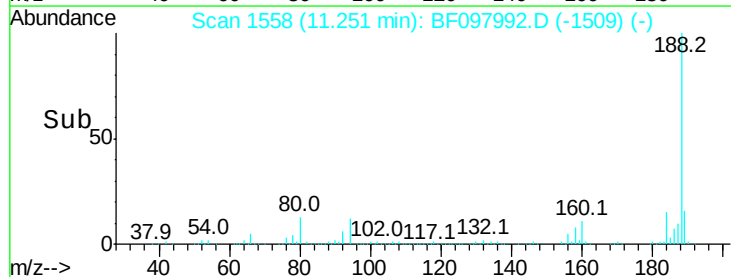
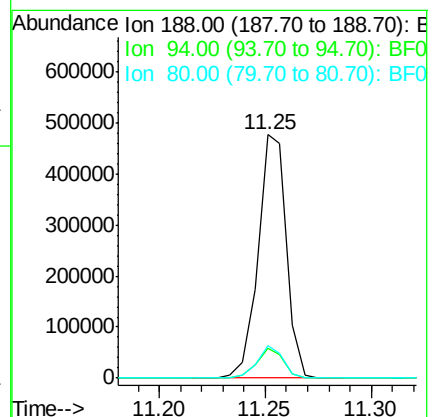
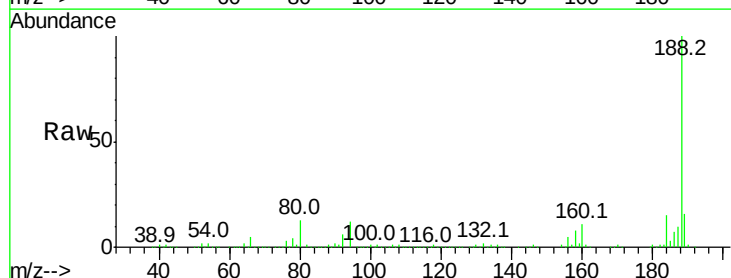
Instrument :
 BNA_F
 ClientSampled :

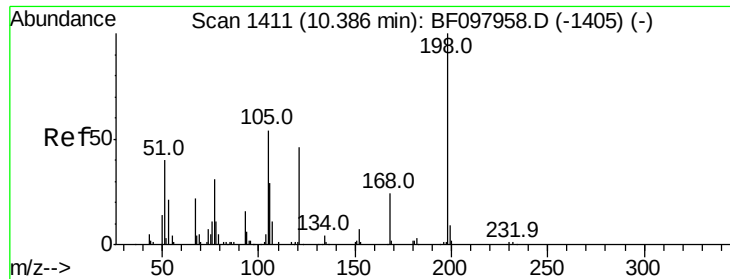
Tot Ion:165 Resp: 29596
 Ion Ratio Lower Upper
 165 100
 63 1.7 25.4 38.0#
 89 2.2 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF097992.D
 Acq: 23 Aug 2017 12:29

Tgt Ion:188 Resp: 445215
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 13.5 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.483 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.18 min

Lab File: BF097992.D

Acq: 23 Aug 2017 12:29

Instrument :

BNA_F

ClientSampled :

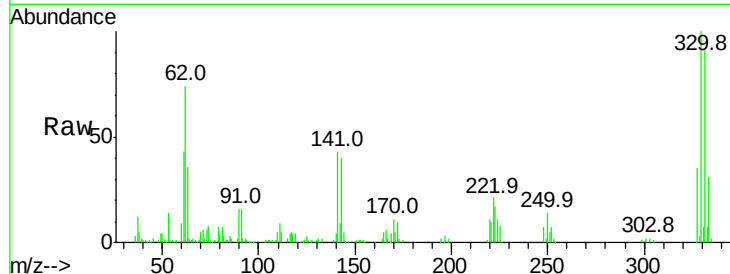
Tot Ion:198 Resp: 413

Ion Ratio Lower Upper

198 100

51 230.3 53.2 93.2#

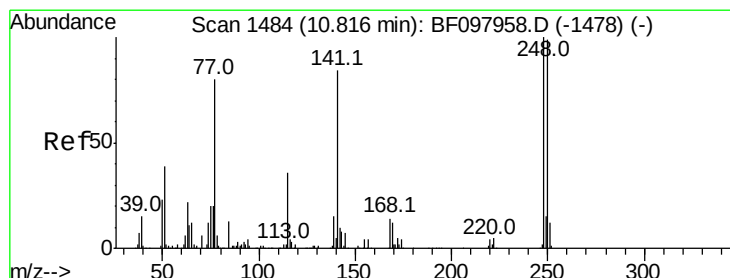
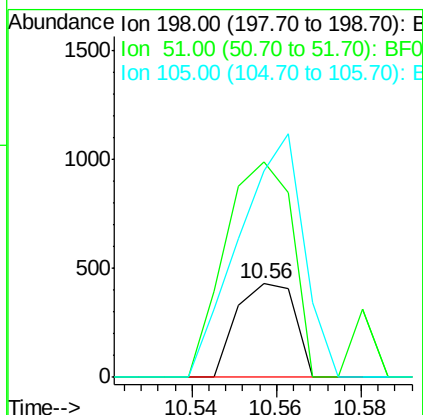
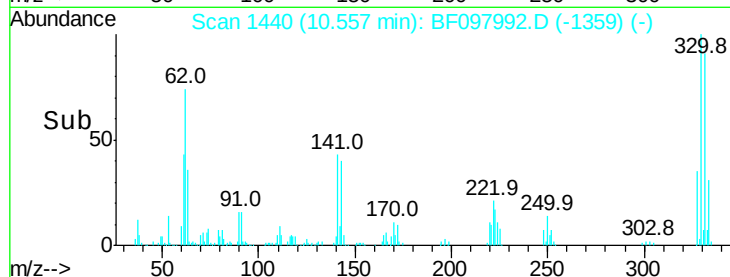
105 221.2 45.8 85.8#



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: 2.594 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF097992.D

Acq: 23 Aug 2017 12:29

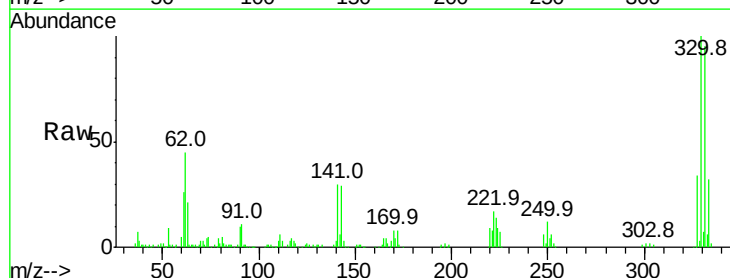
Tgt Ion:248 Resp: 11995

Ion Ratio Lower Upper

248 100

250 194.6 76.8 115.2#

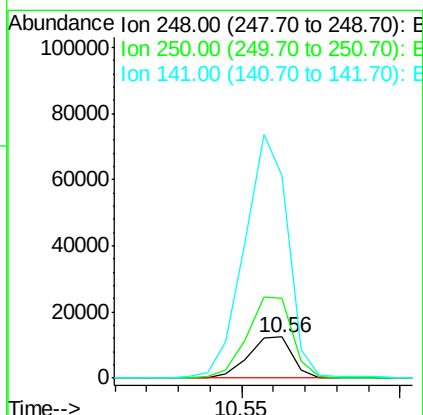
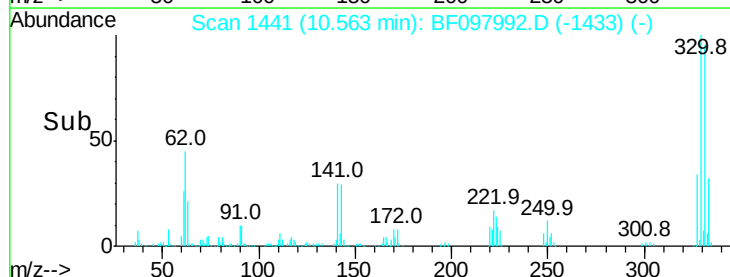
141 493.2 68.6 103.0#

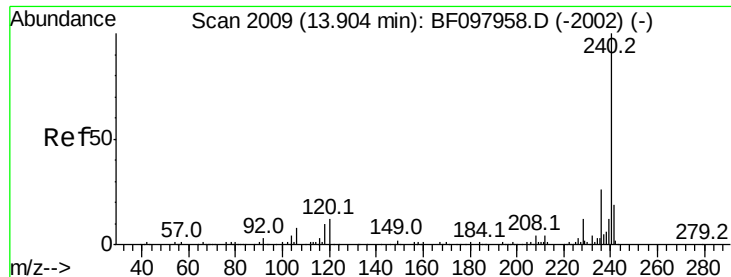


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF097992.D

Acq: 23 Aug 2017 12:29

Instrument :

BNA_F

ClientSampleId :

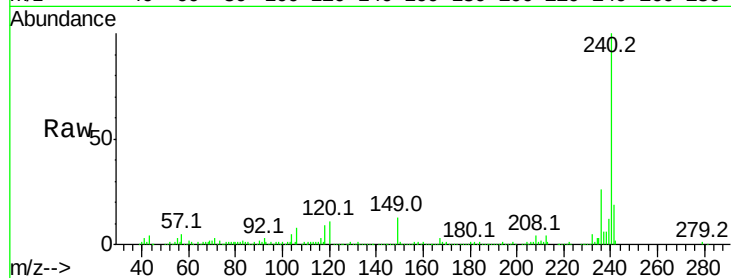
Tot Ion:240 Resp: 292045

Ion Ratio Lower Upper

240 100

120 11.1 5.8 8.8#

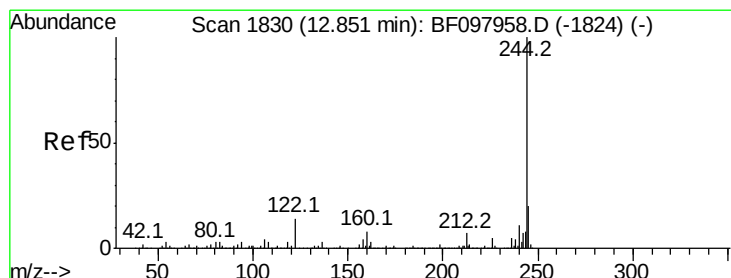
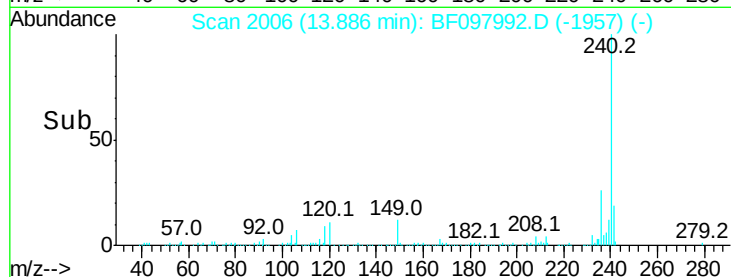
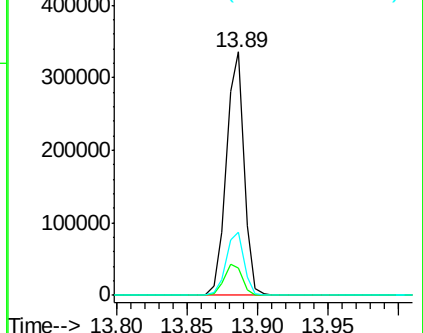
236 26.1 20.5 30.7



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: 75.372 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF097992.D

Acq: 23 Aug 2017 12:29

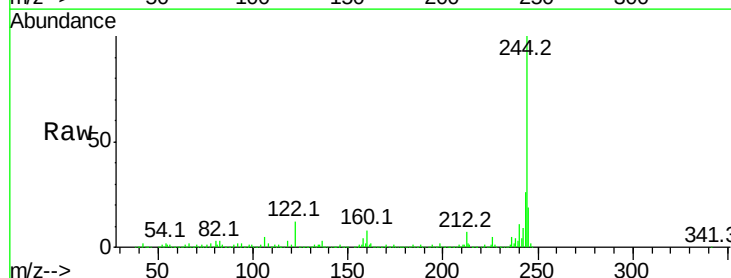
Tgt Ion:244 Resp: 1055566

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

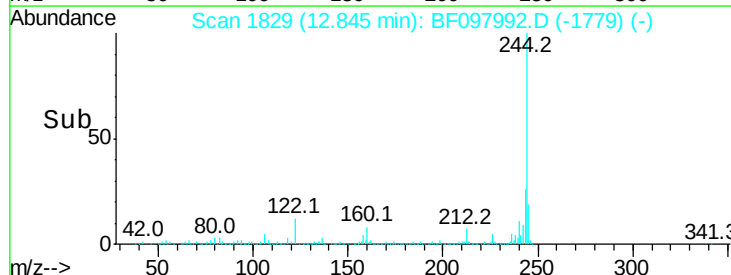
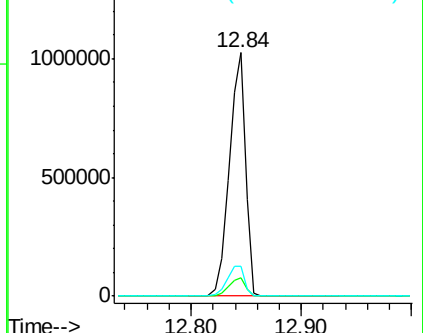
122 12.3 10.3 15.5

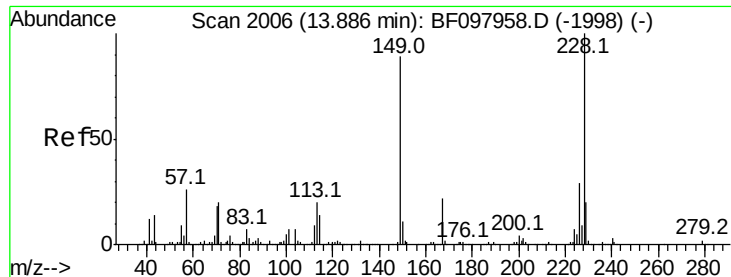


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 21.124 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF097992.D

Acq: 23 Aug 2017 12:29

Instrument :

BNA_F

ClientSampleId :

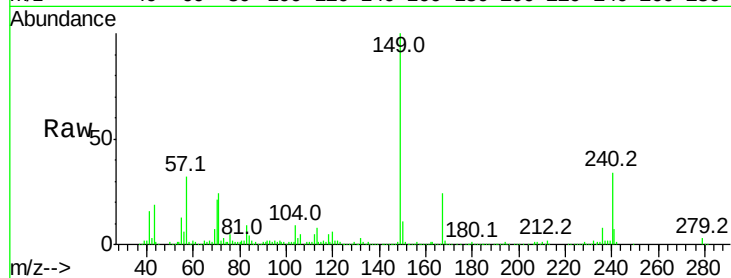
Tot Ion:149 Resp: 214362

Ion Ratio Lower Upper

149 100

167 24.4 21.0 31.4

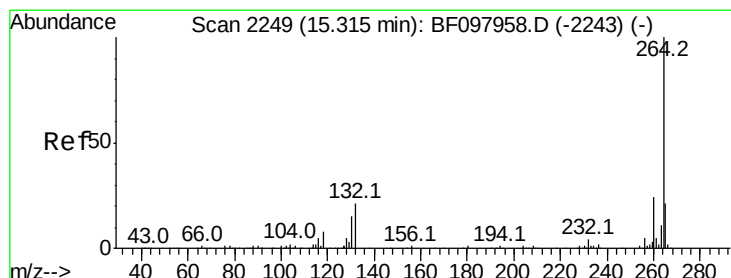
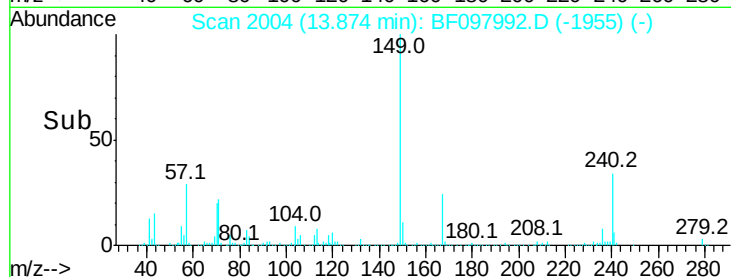
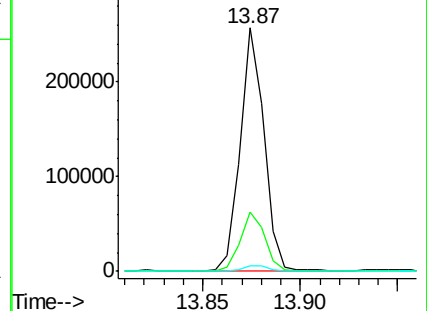
279 2.5 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF097992.D

Acq: 23 Aug 2017 12:29

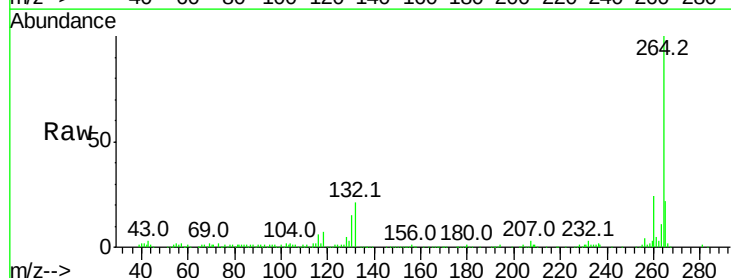
Tgt Ion:264 Resp: 238690

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.6 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

