

Data Path : U:\HPCHEM1\BNA F\DATA\BF082317\
 Data File : BF097995.D
 Acq On : 23 Aug 2017 13:52
 Operator : SJ/JU
 Sample : I4901-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 17:49:03 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

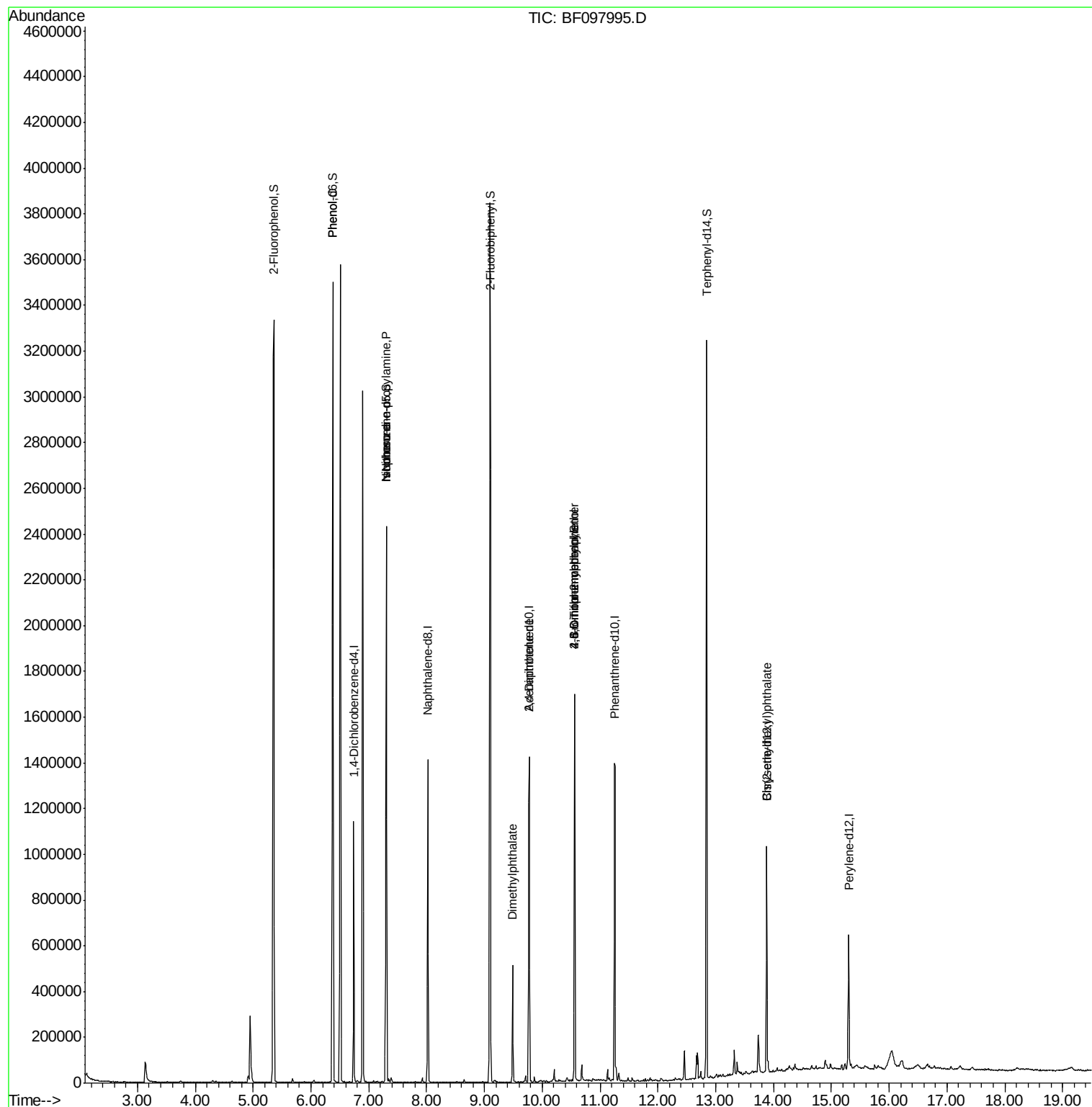
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	151966	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	610313	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	275119	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	526715	20.00	ng	0.00
75) Chrysene-d12	13.89	240	333879	20.00	ng	-0.01
86) Perylene-d12	15.30	264	256043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1144290	114.54	ng	0.00
7) Phenol-d6	6.38	99	1549186	114.12	ng	0.00
23) Nitrobenzene-d5	7.30	82	966072	85.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	203095	85.08	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1330565	71.06	ng	-0.01
78) Terphenyl-d14	12.85	244	1057676	66.06	ng	0.00
Target Compounds						
10) Phenol	6.39	94	36558	2.303	ng	# 47
19) n-Nitroso-di-n-propylamine	7.30	70	130456	14.039	ng	# 70
25) Isophorone	7.30	82	948360	40.596	ng	# 67
49) Dimethylphthalate	9.49	163	177332	8.818	ng	# 98
56) 2,4-Dinitrotoluene	9.77	165	34852	6.918	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	428	8.463	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	13247	2.422	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	24027	2.071	ng	100

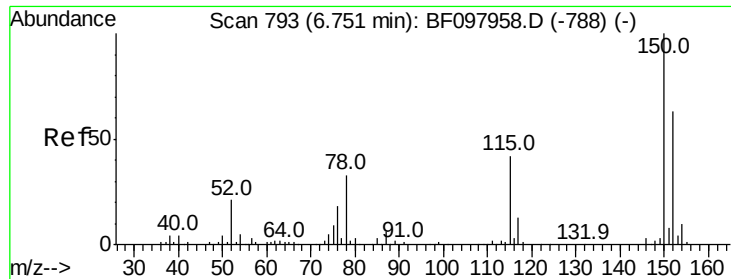
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 23 17:49:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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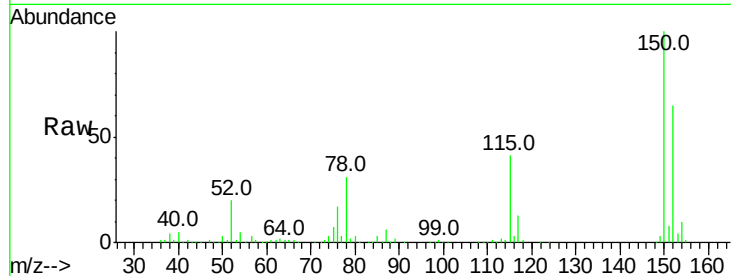


#1

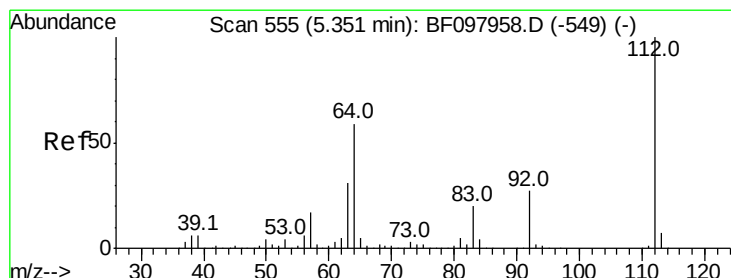
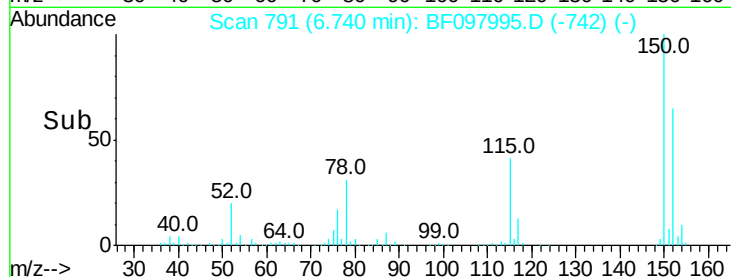
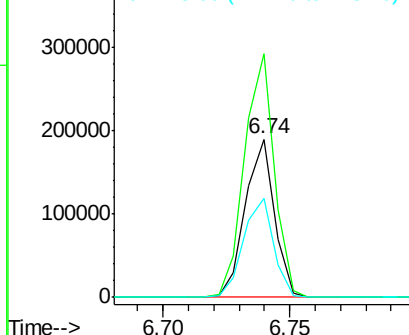
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151966
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 62.3 52.2 78.2



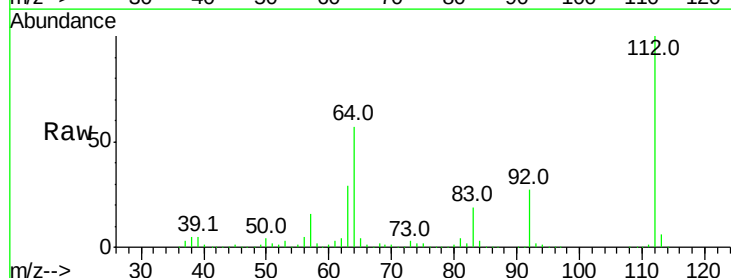
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



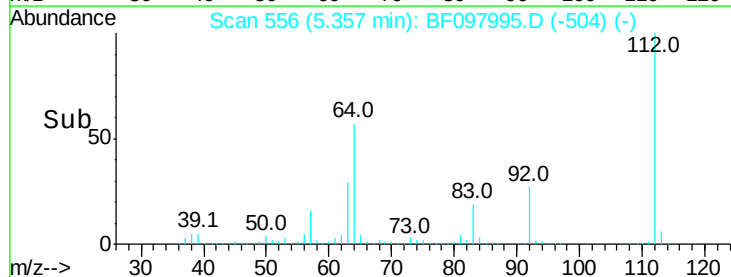
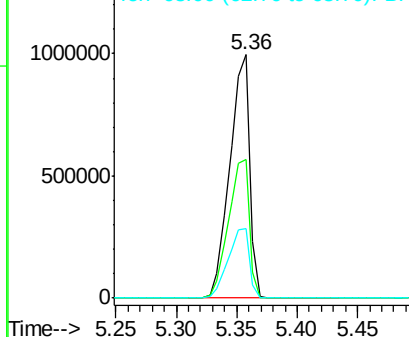
#5

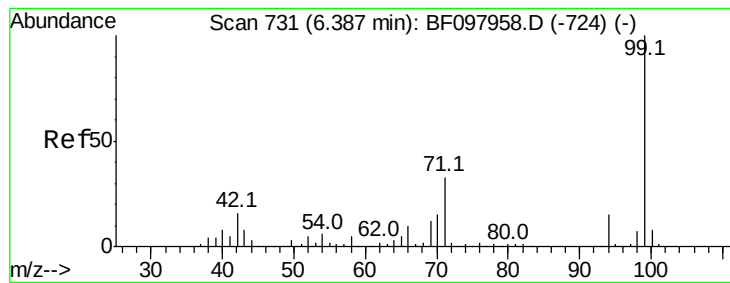
2-Fluorophenol
Concen: 114.535 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:112 Resp: 1144290
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 28.6 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: 114.125 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097995.D

Acq: 23 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

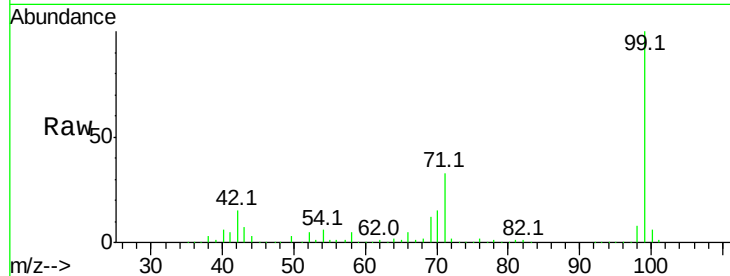
Tot Ion: 99 Resp: 1549186

Ion Ratio Lower Upper

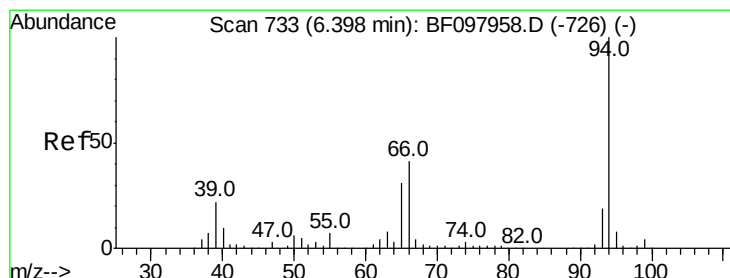
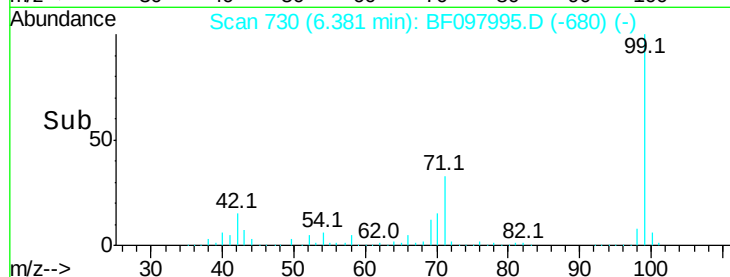
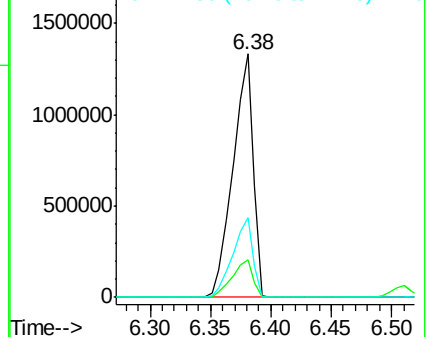
99 100

42 15.3 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



#10

Phenol

Concen: 2.303 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF097995.D

Acq: 23 Aug 2017 13:52

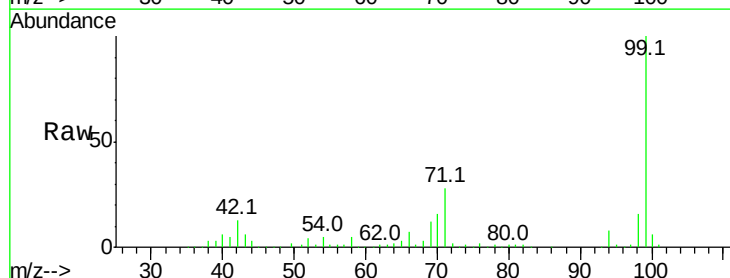
Tgt Ion: 94 Resp: 36558

Ion Ratio Lower Upper

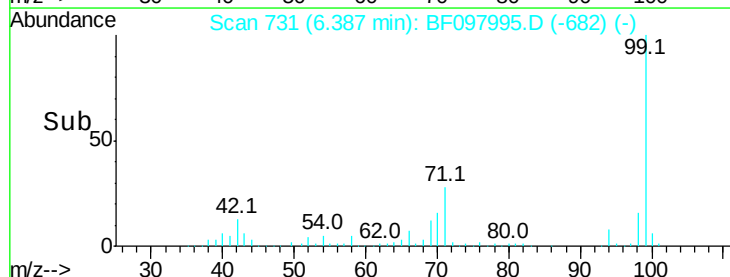
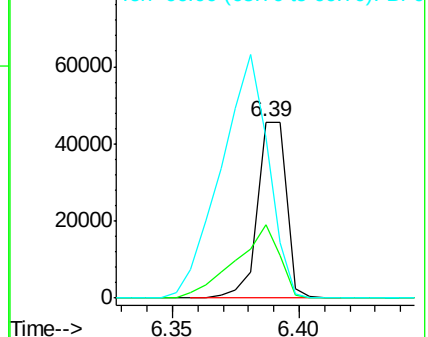
94 100

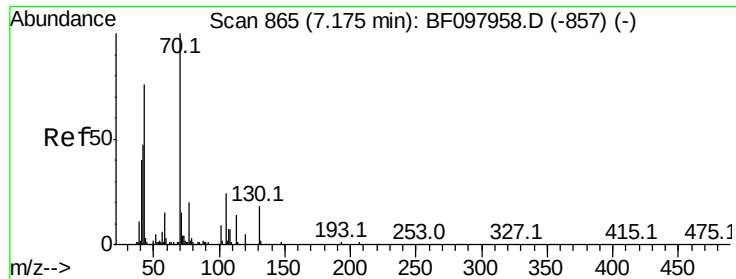
65 41.8 9.9 49.9

66 91.0 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

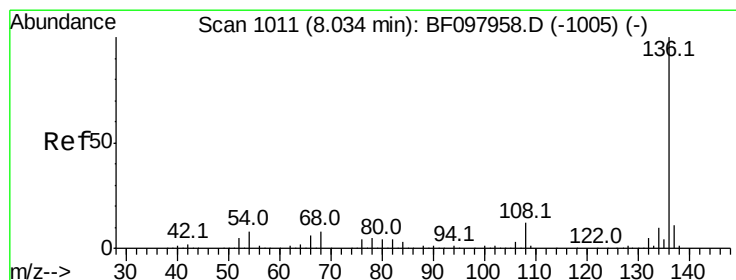
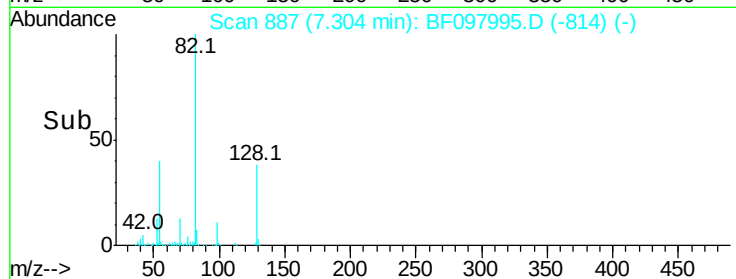
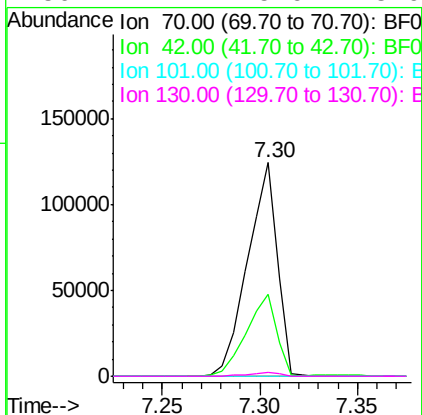
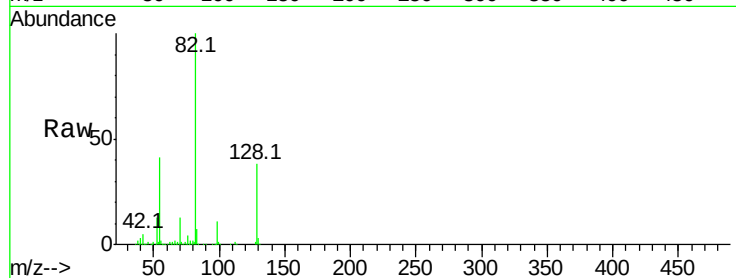




#19
n-Nitroso-di-n-propylamine
Concen: 14.039 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

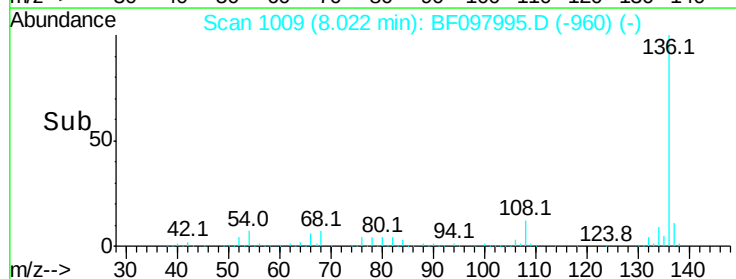
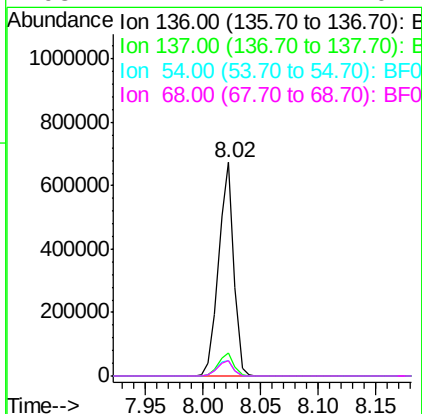
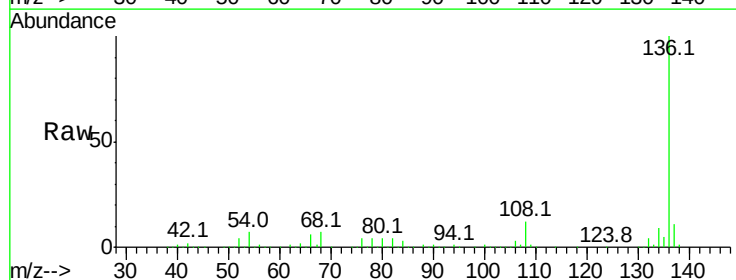
Instrument :
BNA_F
ClientSampleId :

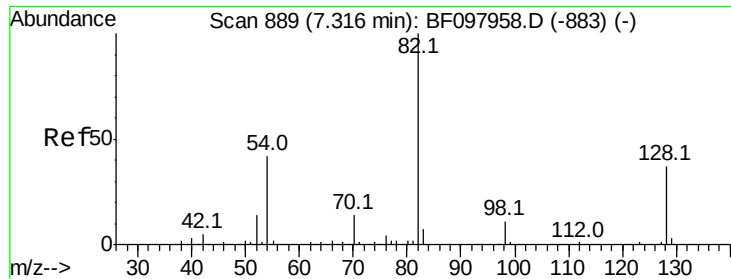
Tot Ion: 70 Resp: 130456
Ion Ratio Lower Upper
70 100
42 38.2 47.2 70.8#
101 0.0 7.2 10.8#
130 1.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion: 136 Resp: 610313
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.4 4.9 7.3#
68 7.2 4.1 6.1#

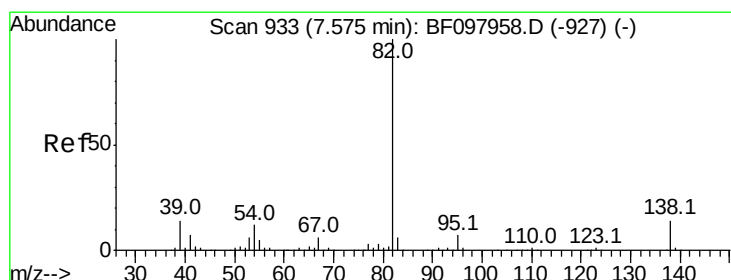
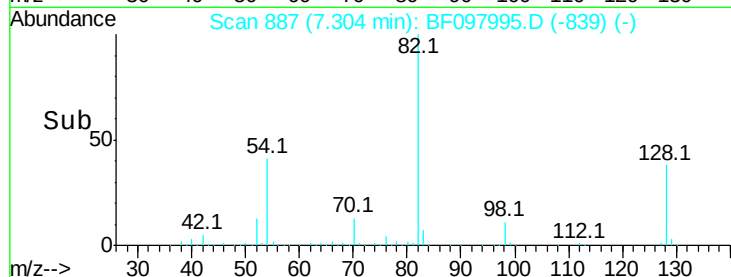
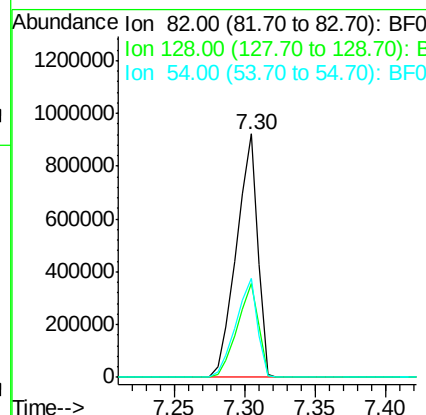
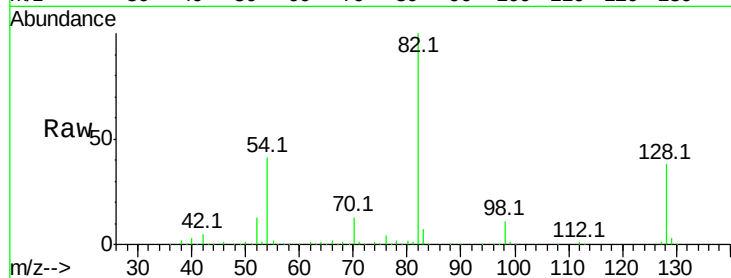




#23
Nitrobenzene-d5
Concen: 85.991 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

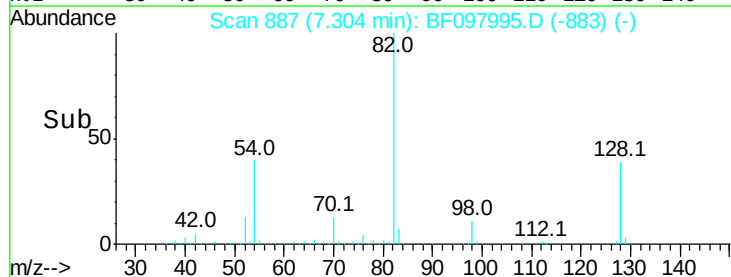
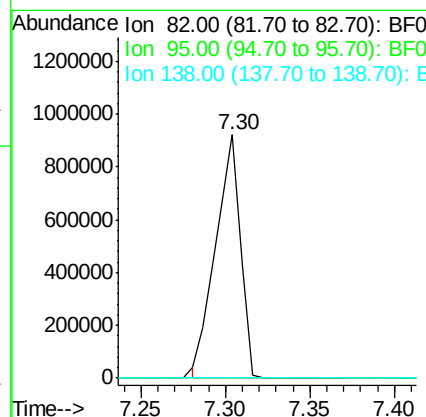
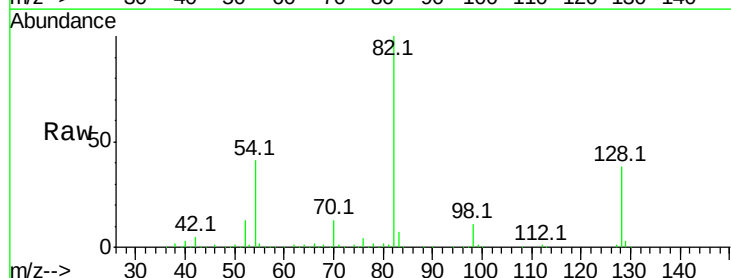
Instrument :
BNA_F
ClientSampleId :

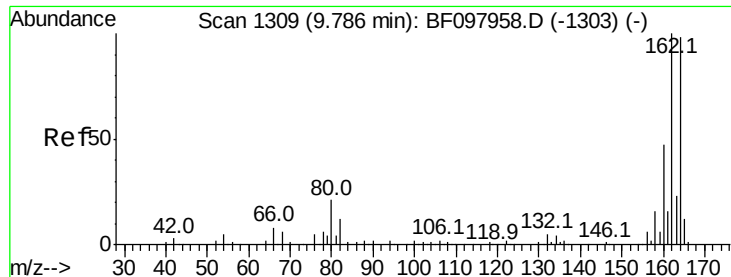
Tot Ion: 82 Resp: 966072
Ion Ratio Lower Upper
82 100
128 38.4 34.0 51.0
54 40.5 42.2 63.2#



#25
Isophorone
Concen: 40.596 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion: 82 Resp: 948360
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

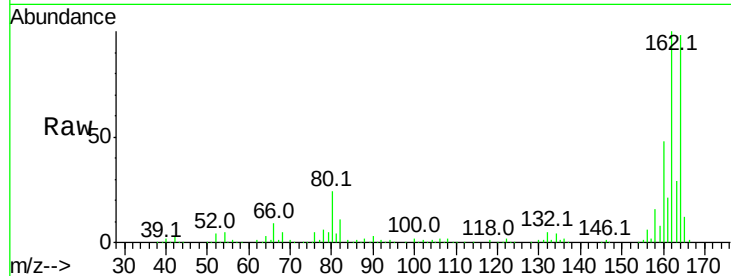




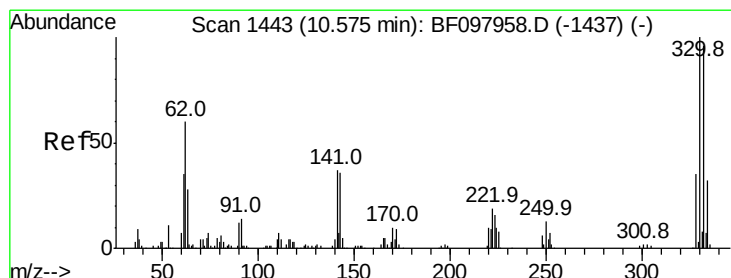
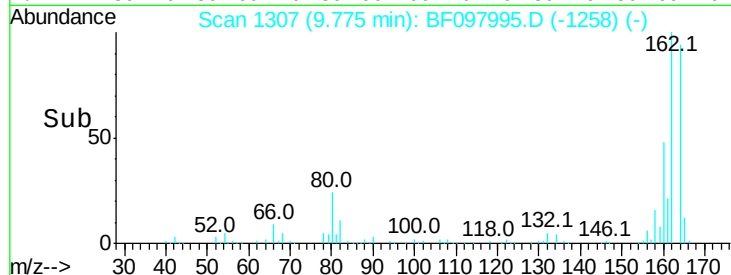
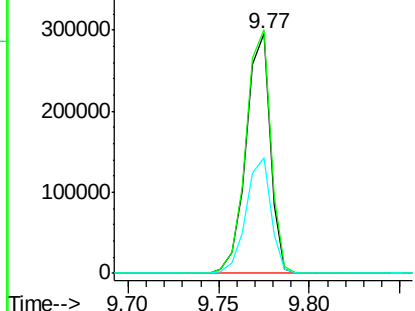
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF097995.D
 Acq: 23 Aug 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 275119
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 48.4 36.2 54.2

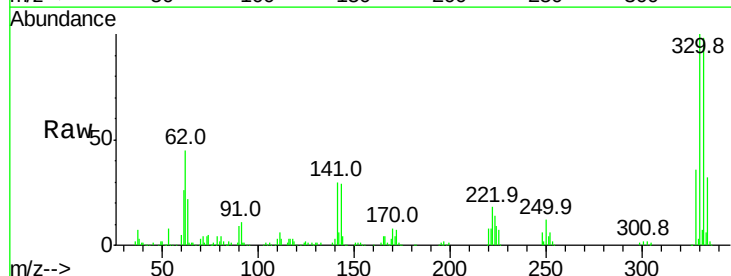


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

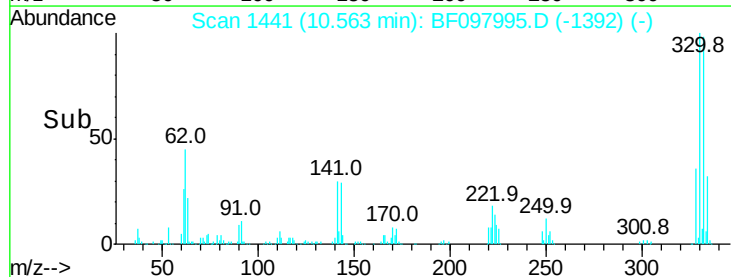
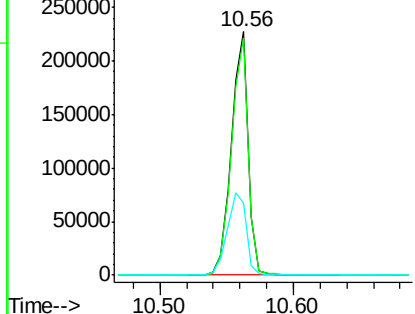


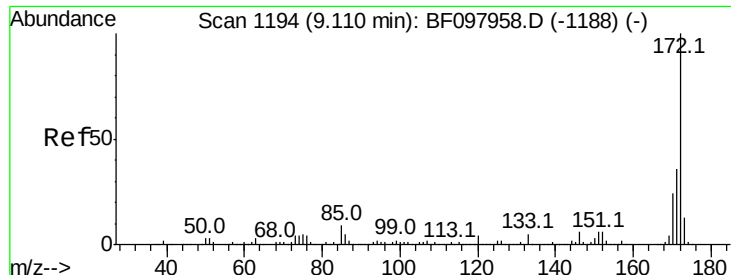
#41
 2,4,6-Tribromophenol
 Concen: 85.080 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF097995.D
 Acq: 23 Aug 2017 13:52

Tgt Ion:330 Resp: 203095
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 38.2 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

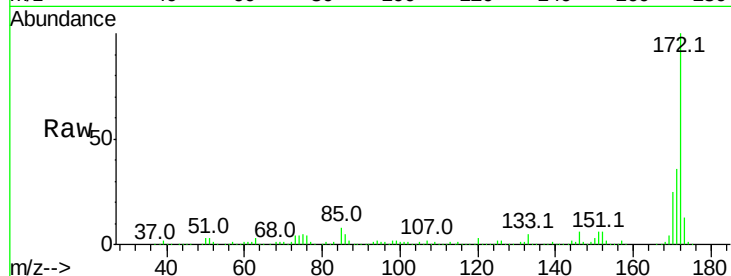




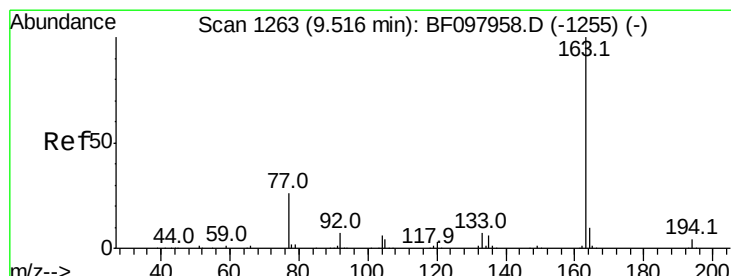
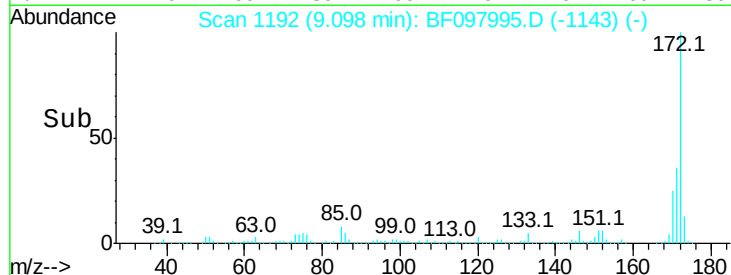
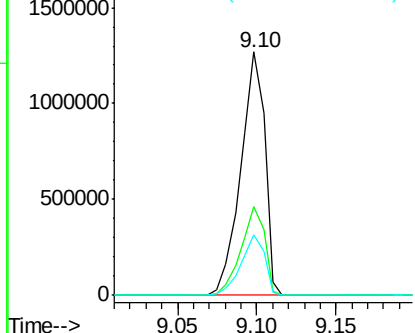
#44
2-Fluorobiphenyl
Concen: 71.056 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1330565
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 25.0 19.8 29.8

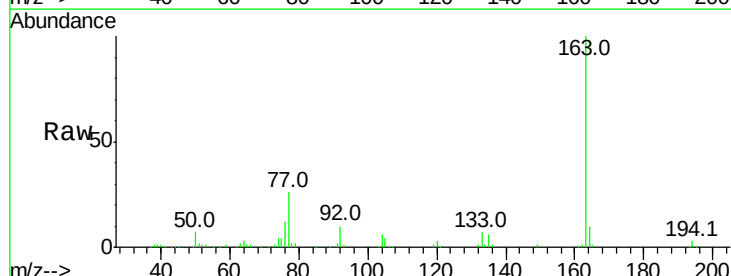


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

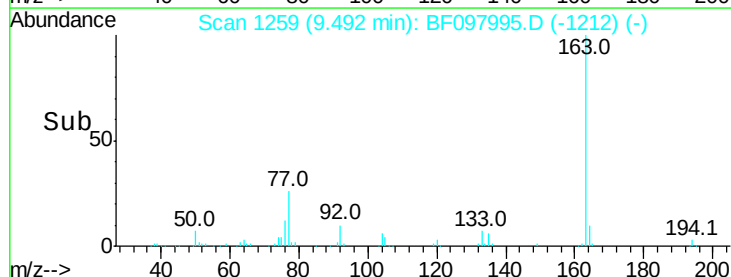
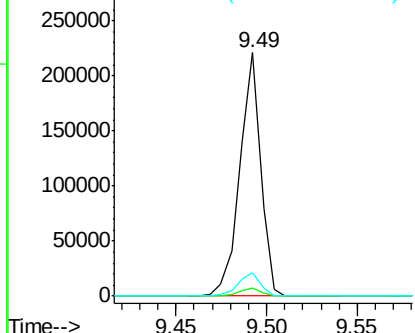


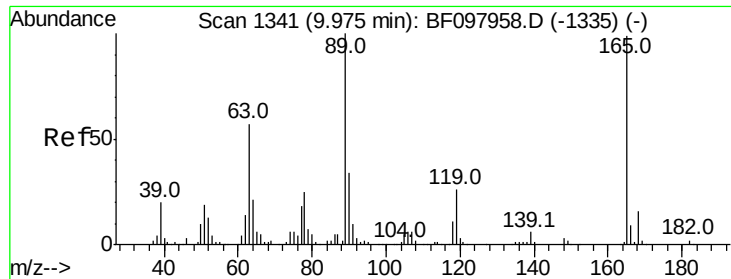
#49
Dimethylphthalate
Concen: 8.818 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:163 Resp: 177332
Ion Ratio Lower Upper
163 100
194 3.4 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

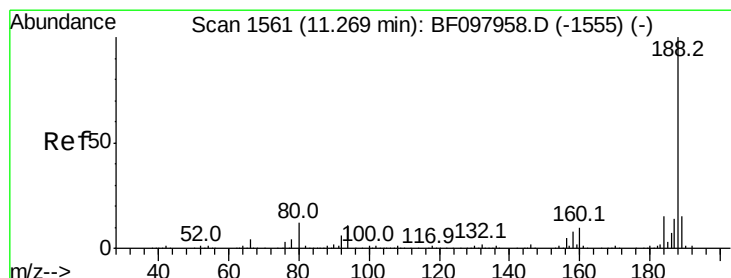
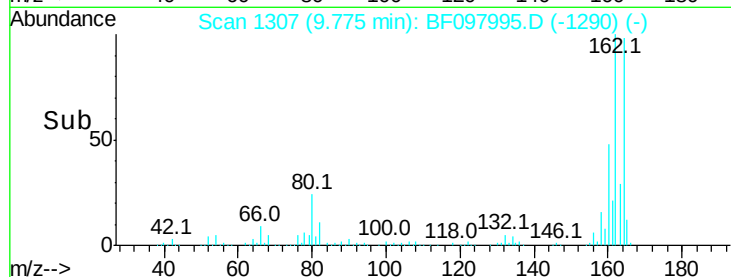
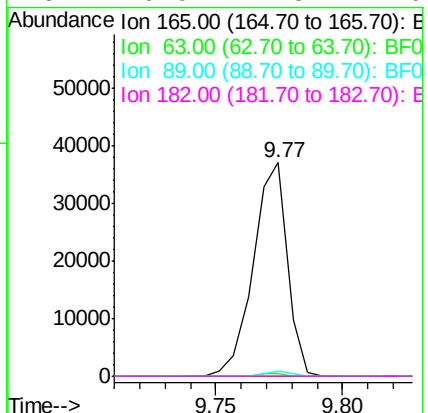
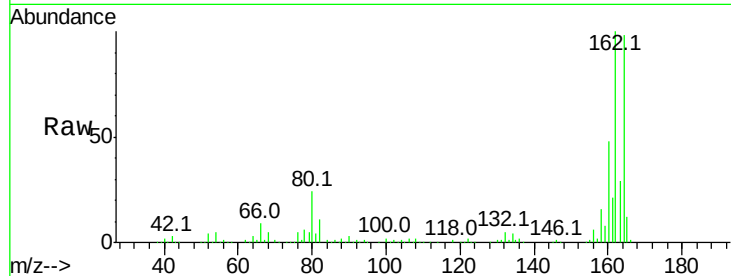




#56
 2,4-Dinitrotoluene
 Concen: 6.918 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF097995.D
 Acq: 23 Aug 2017 13:52

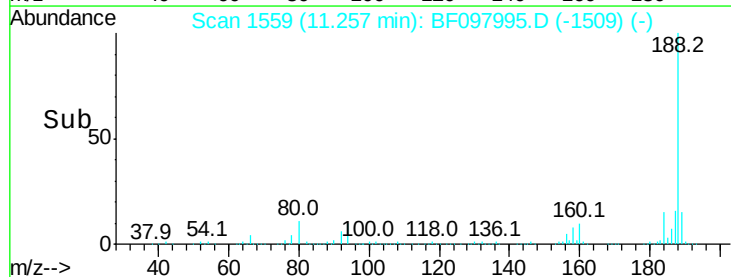
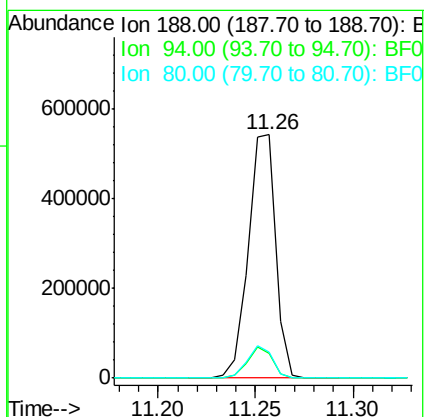
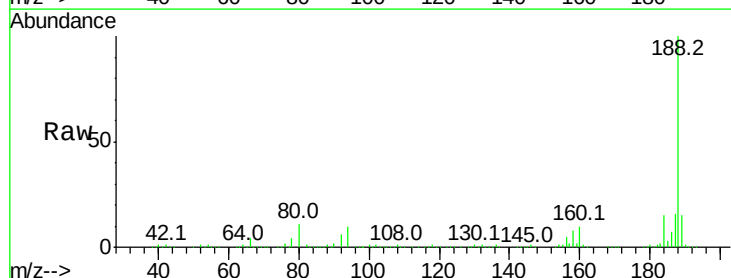
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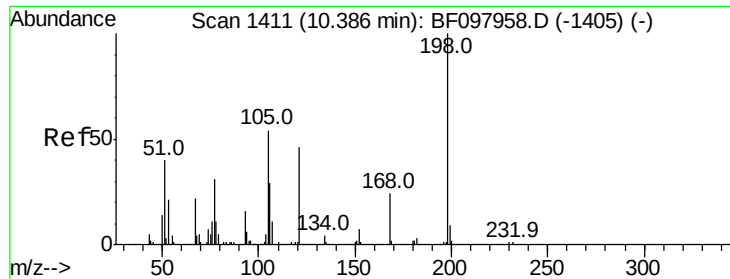
Tot Ion:165 Resp: 34852
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 2.2 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF097995.D
 Acq: 23 Aug 2017 13:52

Tgt Ion:188 Resp: 526715
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.8 10.2 15.2

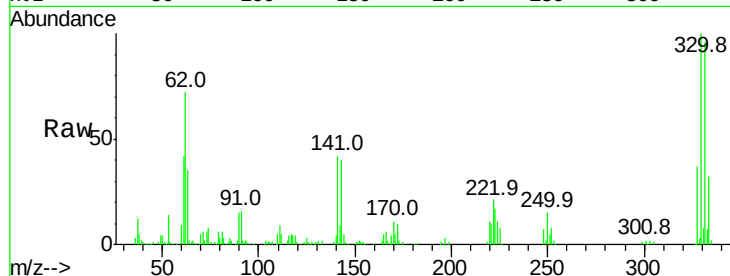




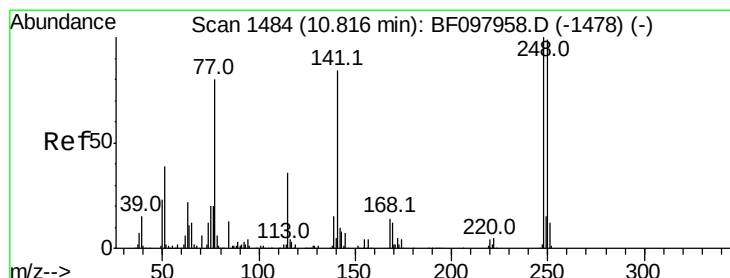
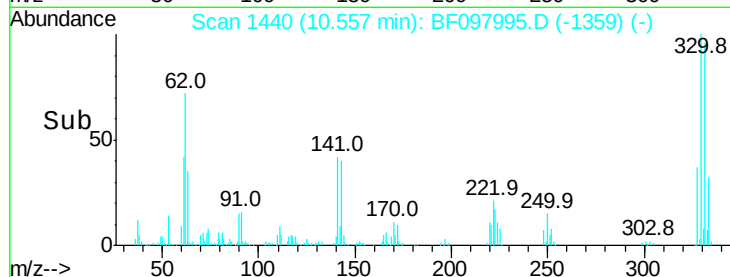
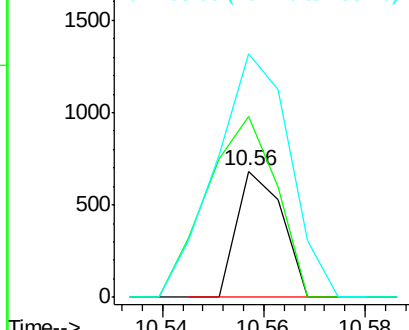
#64
4,6-Dinitro-2-methylphenol
Concen: 8.463 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.18 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 428
Ion Ratio Lower Upper
198 100
51 143.3 53.2 93.2#
105 193.3 45.8 85.8#

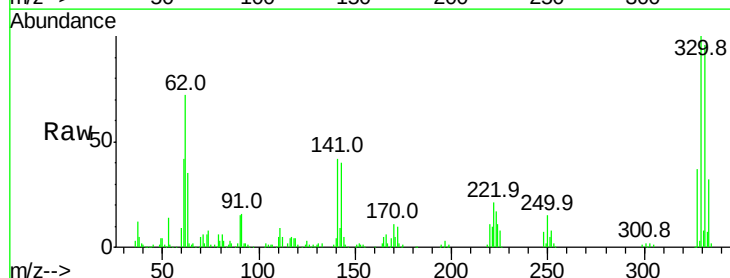


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

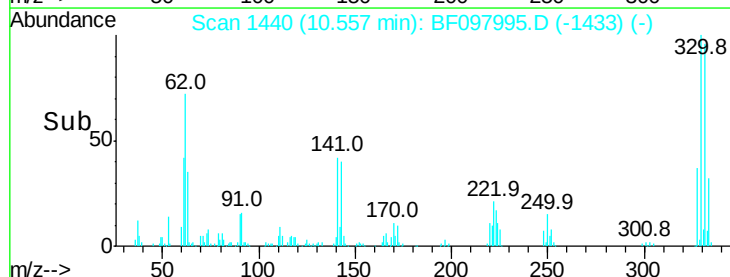
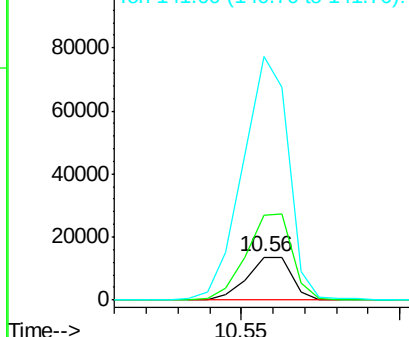


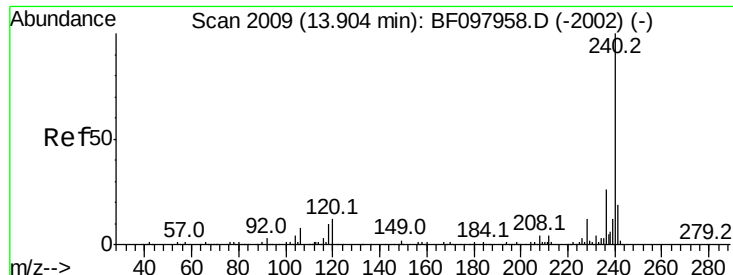
#66
4-Bromophenyl-phenylether
Concen: 2.422 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.26 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:248 Resp: 13247
Ion Ratio Lower Upper
248 100
250 197.6 76.8 115.2#
141 565.5 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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF097995.D

Acq: 23 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

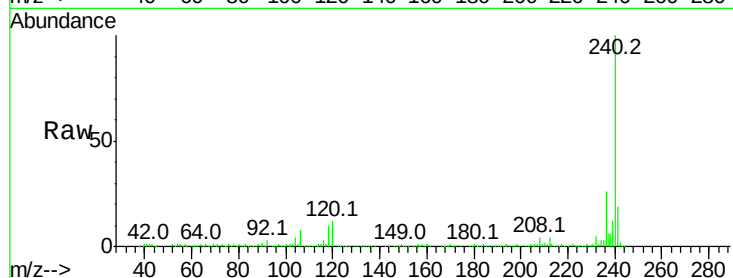
Tot Ion:240 Resp: 333879

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

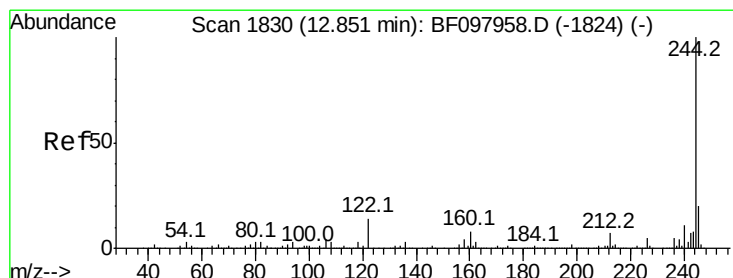
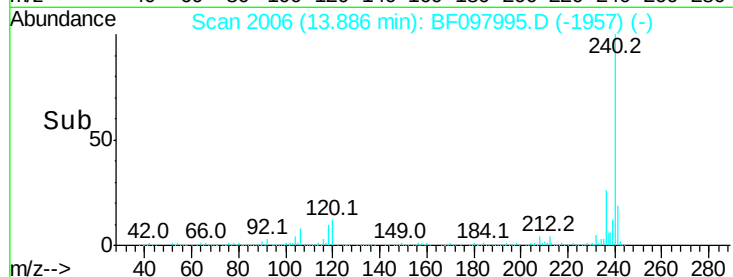
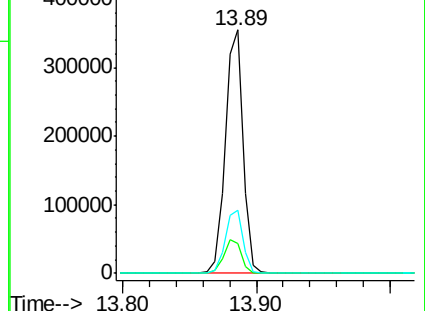
236 26.2 20.5 30.7



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: 66.060 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF097995.D

Acq: 23 Aug 2017 13:52

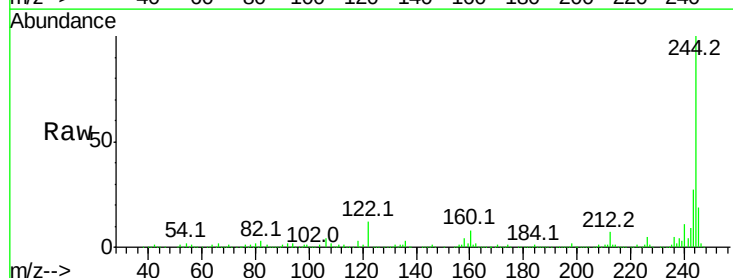
Tgt Ion:244 Resp: 1057676

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

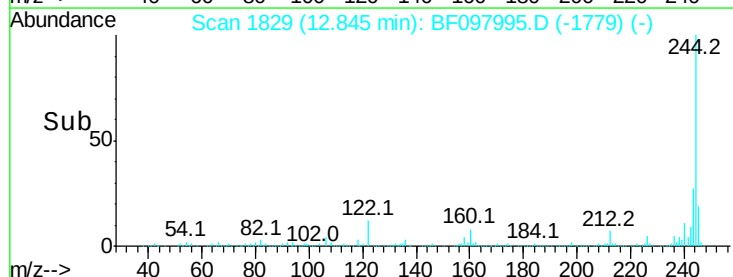
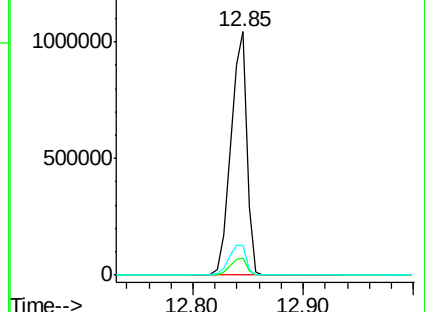
122 12.3 10.3 15.5

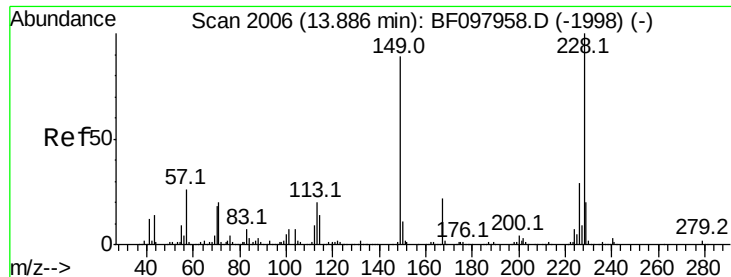


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.071 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF097995.D

Acq: 23 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

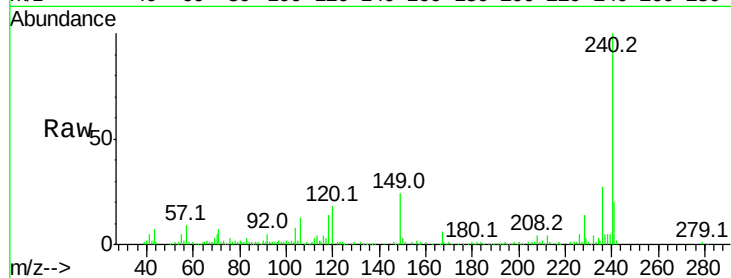
Tot Ion:149 Resp: 24027

Ion Ratio Lower Upper

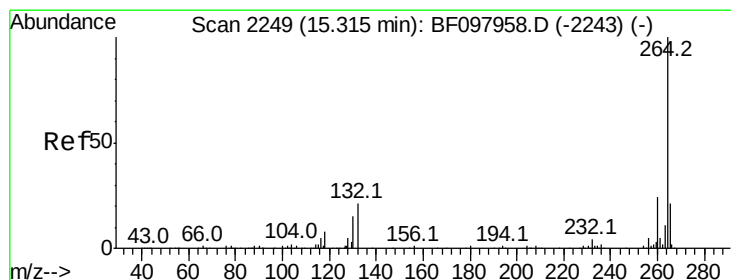
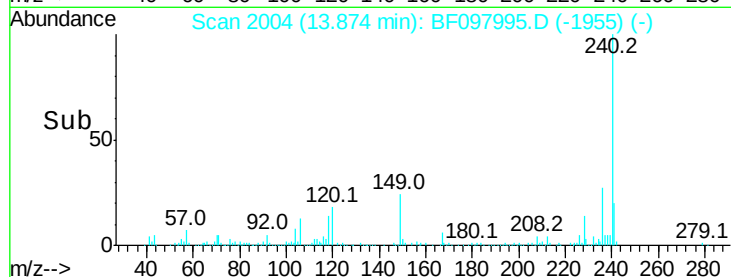
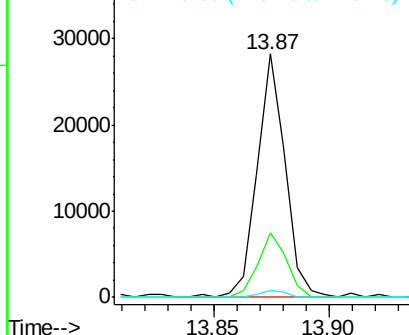
149 100

167 26.3 21.0 31.4

279 2.9 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: BF097995.D

Acq: 23 Aug 2017 13:52

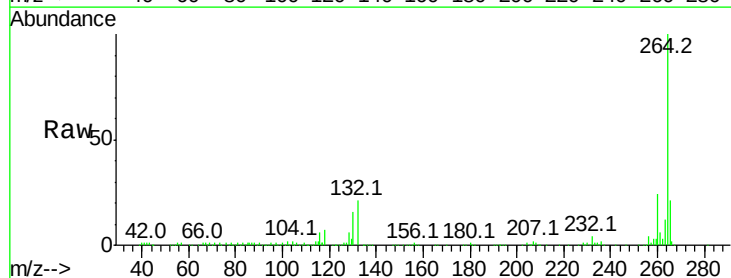
Tgt Ion:264 Resp: 256043

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.0 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

