

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097262.D
 Acq On : 2 Aug 2017 8:51
 Operator : SJ/JU
 Sample : I4512-02RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 11:40:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

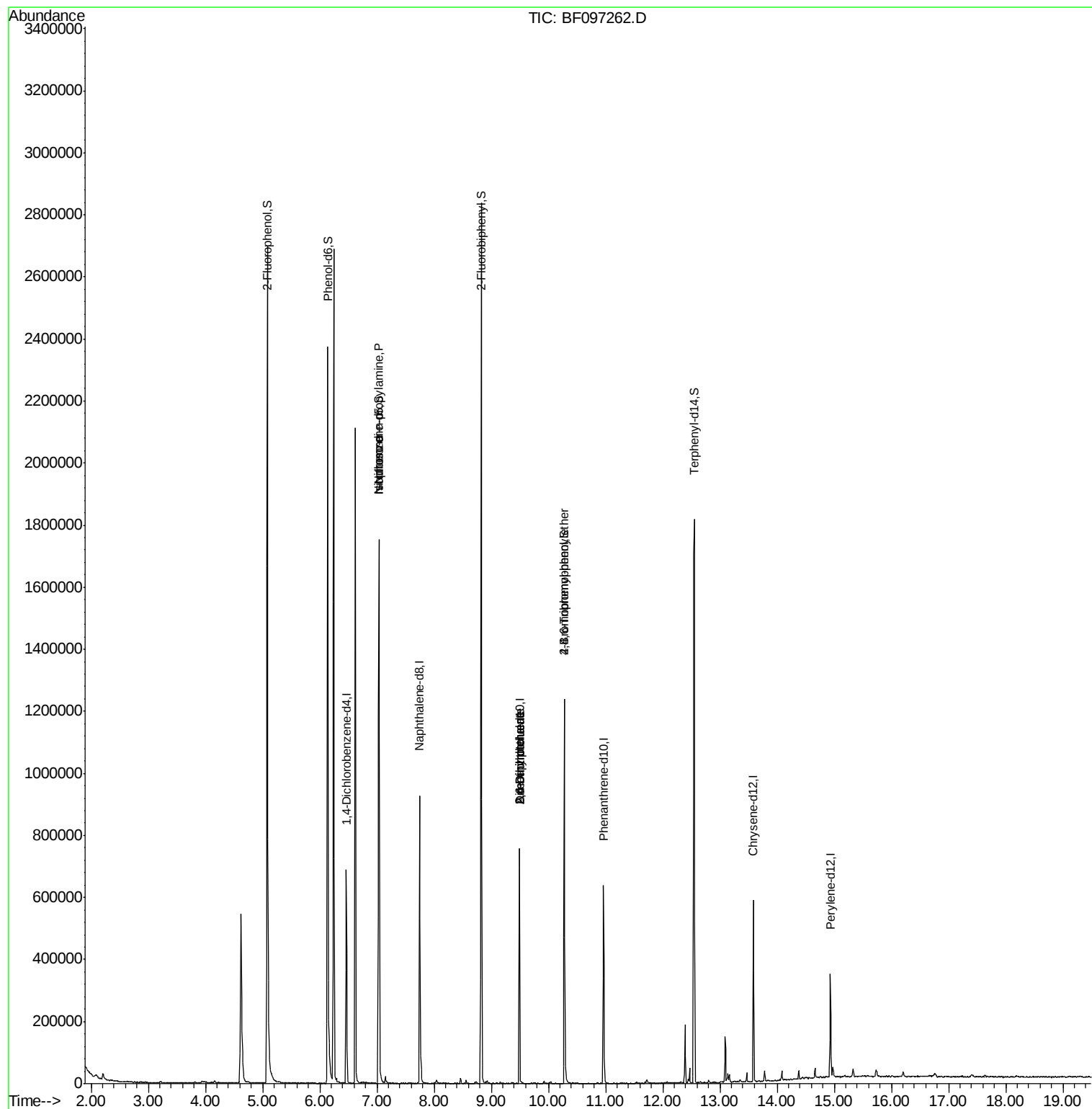
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	96672	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	402527	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	154683	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	213620	20.00	ng	0.00
75) Chrysene-d12	13.59	240	187054	20.00	ng	0.00
86) Perylene-d12	14.93	264	130533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	881174	137.41	ng	0.02
7) Phenol-d6	6.14	99	910650	124.39	ng	0.00
23) Nitrobenzene-d5	7.03	82	565387	82.40	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	146499	119.87	ng	0.00
44) 2-Fluorobiphenyl	8.83	172	914809	100.37	ng	0.00
78) Terphenyl-d14	12.55	244	588274	64.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.03	70	74931	15.549	ng	# 88
25) Isophorone	7.03	82	562712	41.876	ng	# 67
49) Dimethylphthalate	9.49	163	46178	3.931	ng	# 1
50) 2,6-Dinitrotoluene	9.49	165	20197	8.107	ng	# 34
56) 2,4-Dinitrotoluene	9.49	165	20197	7.052	ng	# 33
66) 4-Bromophenyl-phenylether	10.28	248	9240	4.334	ng	# 1

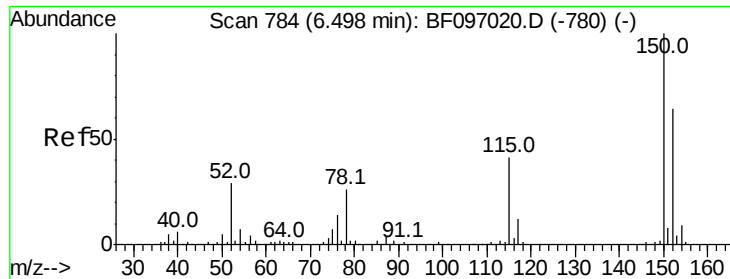
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.46 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF097262.D

Acq: 2 Aug 2017 8:51

Instrument :

BNA_F

ClientSampled :

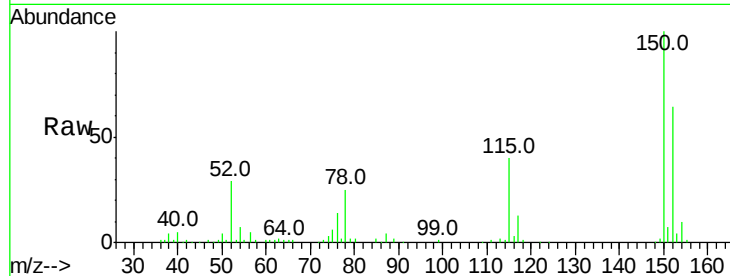
Tot Ion:152 Resp: 96672

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

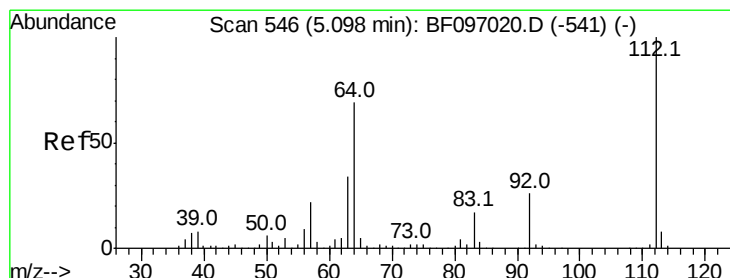
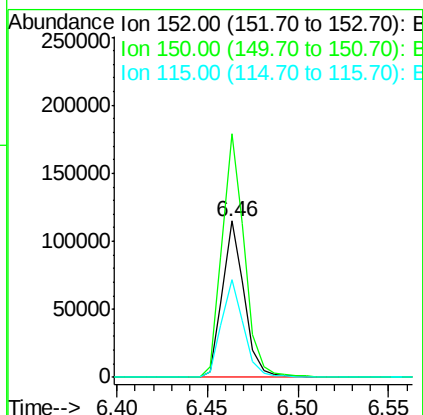
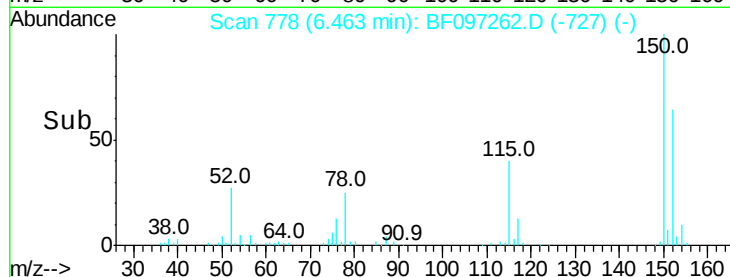
115 62.6 52.2 78.2



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: 137.409 ng

RT: 5.08 min Scan# 543

Delta R.T. 0.02 min

Lab File: BF097262.D

Acq: 2 Aug 2017 8:51

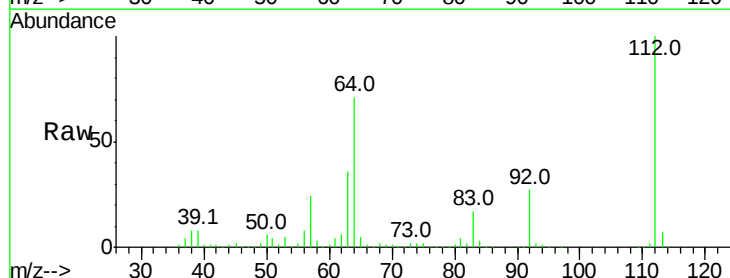
Tgt Ion:112 Resp: 881174

Ion Ratio Lower Upper

112 100

64 70.6 46.0 69.0#

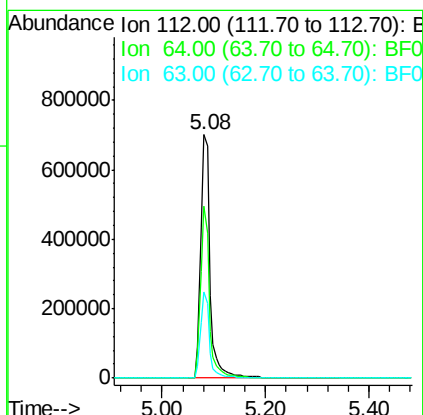
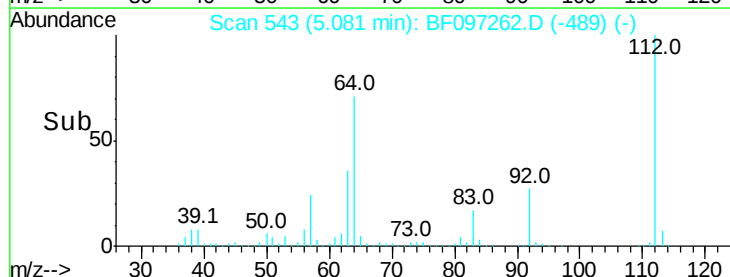
63 35.6 23.4 35.0#

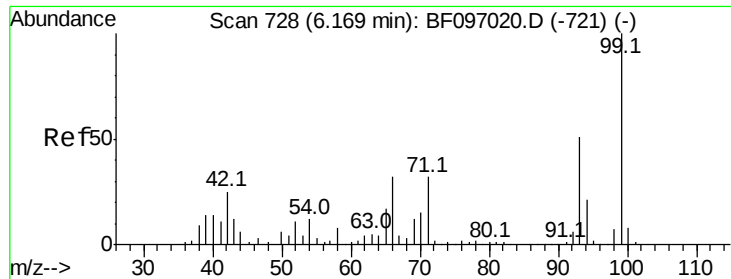


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.389 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF097262.D

Acq: 2 Aug 2017 8:51

Instrument :

BNA_F

ClientSampled :

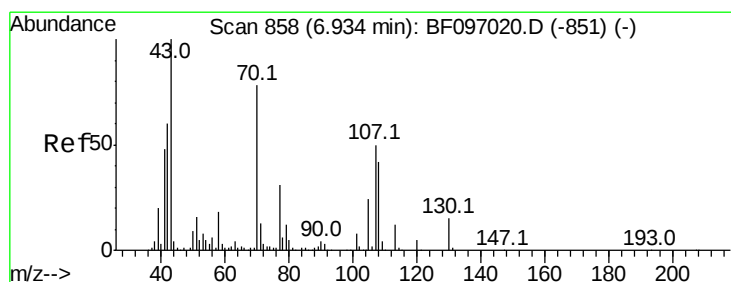
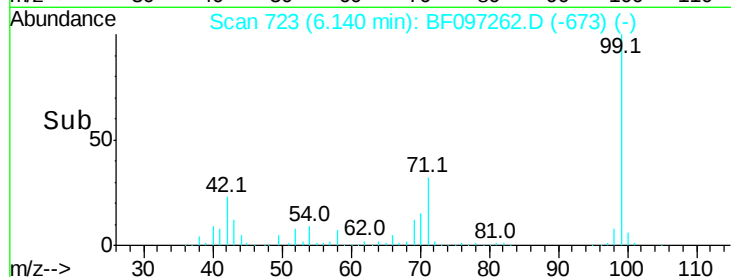
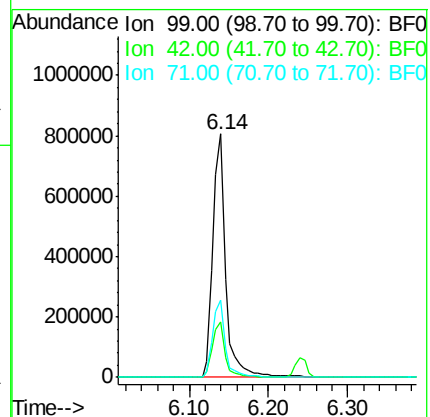
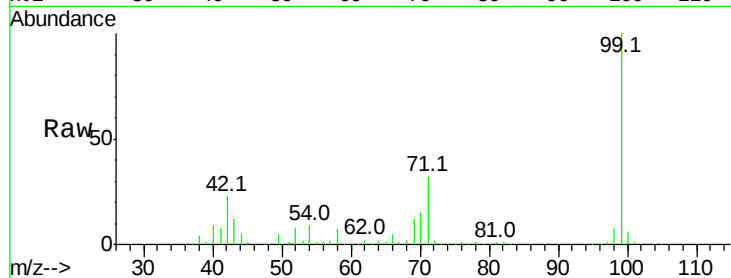
Tot Ion: 99 Resp: 910650

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

71 31.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.549 ng

RT: 7.03 min Scan# 875

Delta R.T. 0.13 min

Lab File: BF097262.D

Acq: 2 Aug 2017 8:51

Tgt Ion: 70 Resp: 74931

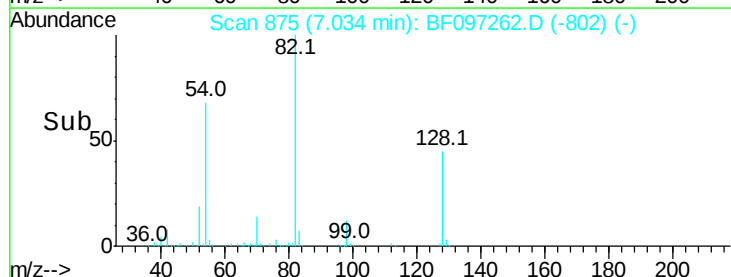
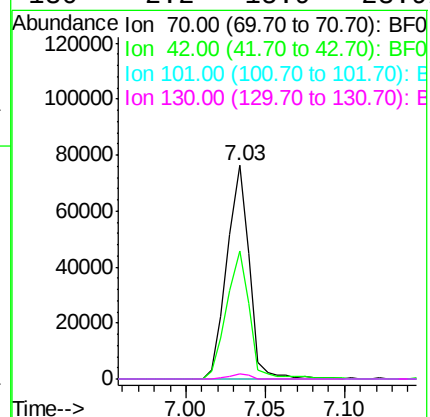
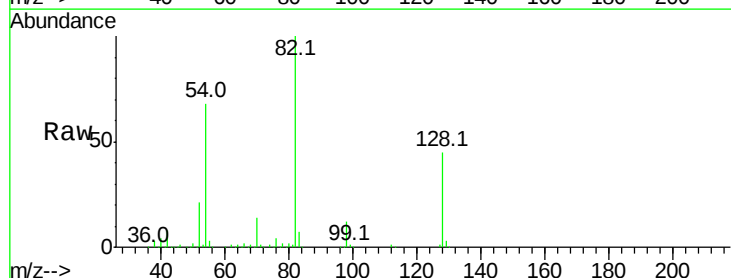
Ion Ratio Lower Upper

70 100

42 60.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

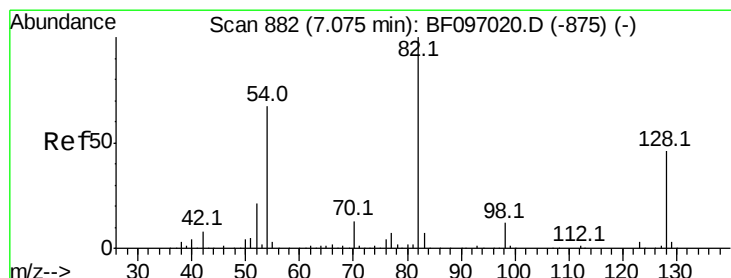
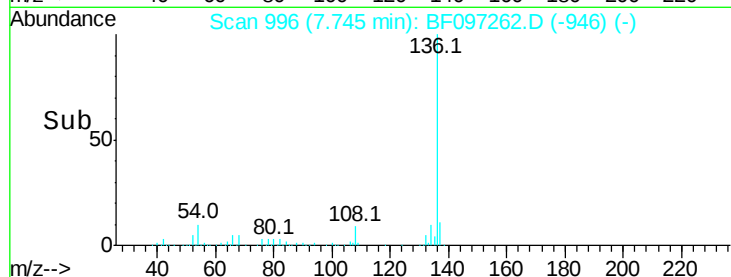
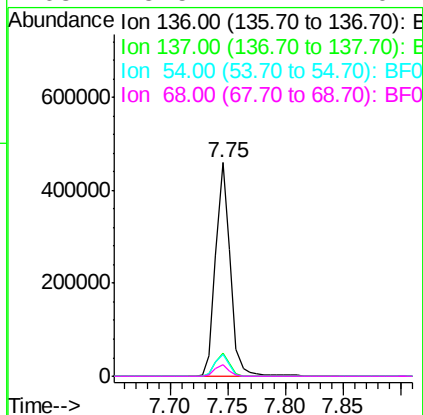
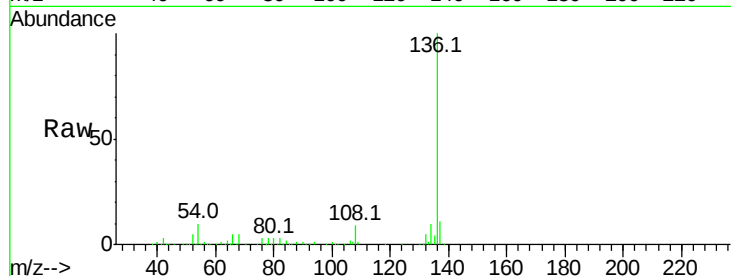




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF097262.D
Acq: 2 Aug 2017 8:51

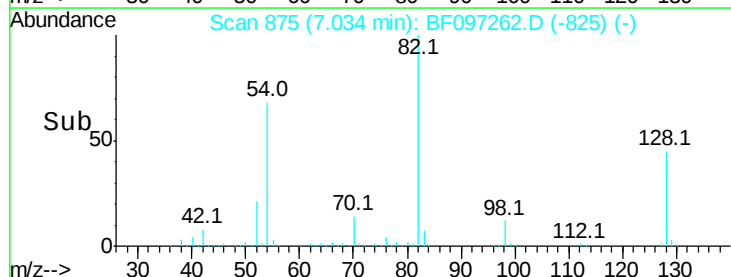
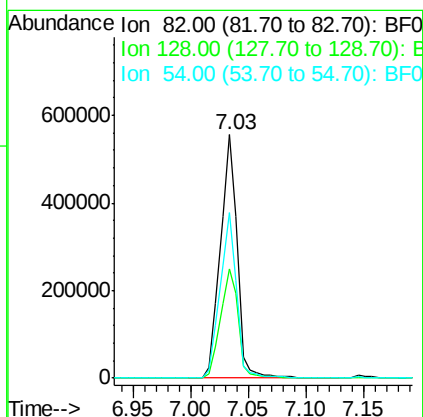
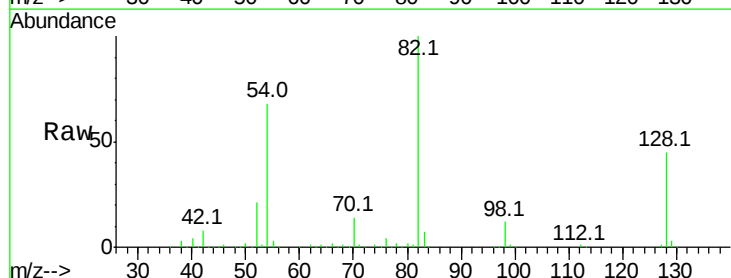
Instrument :
BNA_F
ClientSampleId :

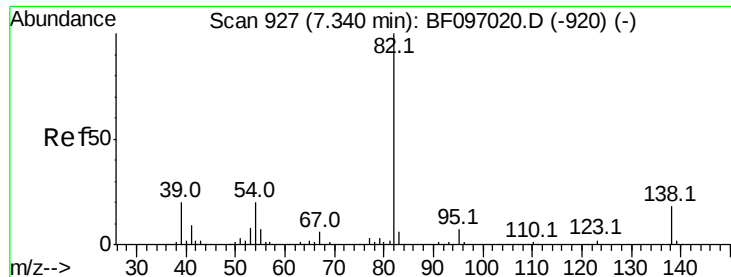
Tot Ion:136	Resp: 402527
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 10.5	4.9 7.3#
68 5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 82.399 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF097262.D
Acq: 2 Aug 2017 8:51

Tgt Ion: 82	Resp: 565387
Ion Ratio	Lower Upper
82 100	
128 44.9	34.0 51.0
54 68.0	42.2 63.2#

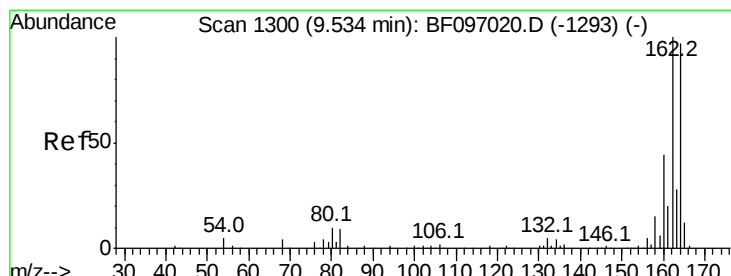
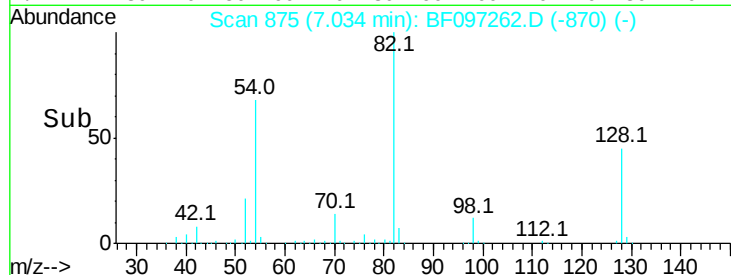
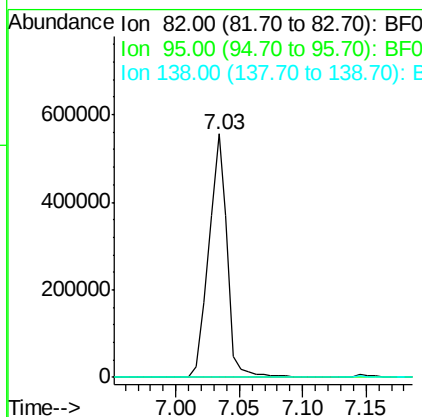
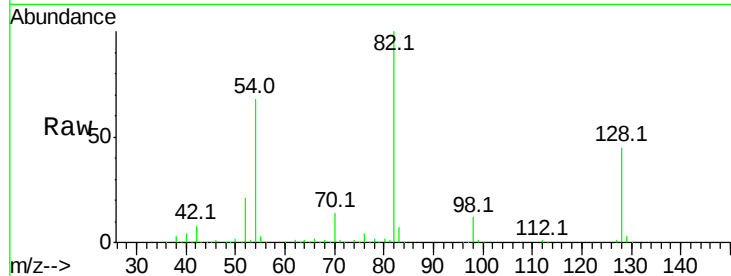




#25
Isophorone
Concen: 41.876 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.27 min
Lab File: BF097262.D
Acq: 2 Aug 2017 8:51

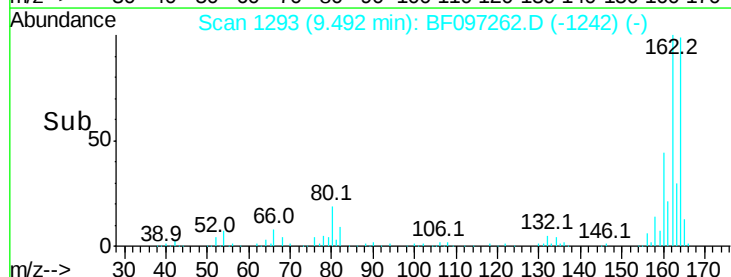
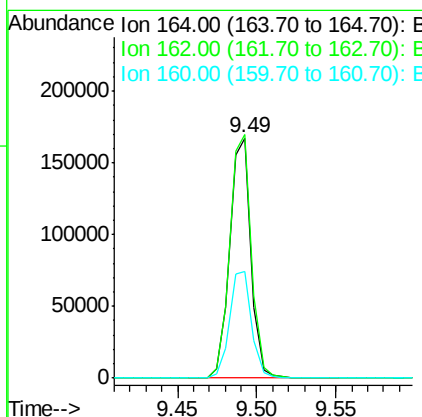
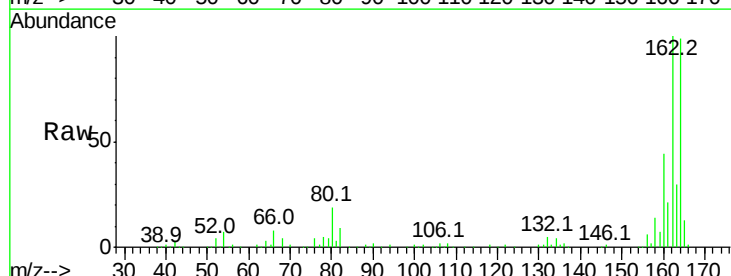
Instrument :
BNA_F
ClientSampleId :

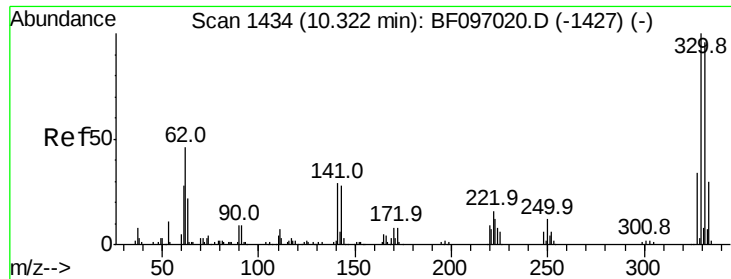
Tot Ion: 82 Resp: 562712
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.49 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF097262.D
Acq: 2 Aug 2017 8:51

Tgt Ion:164 Resp: 154683
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 44.3 36.2 54.2

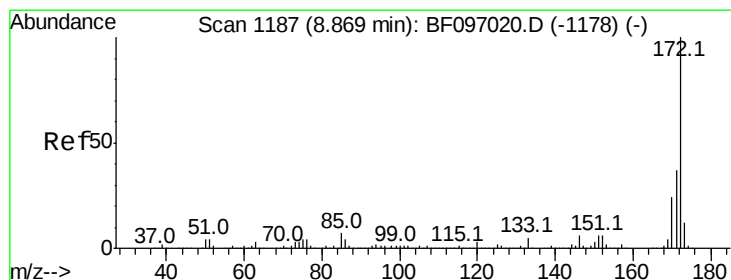
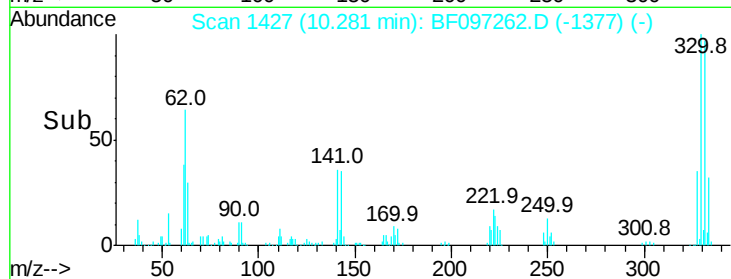
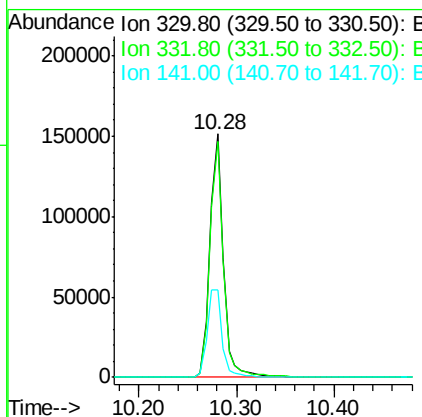
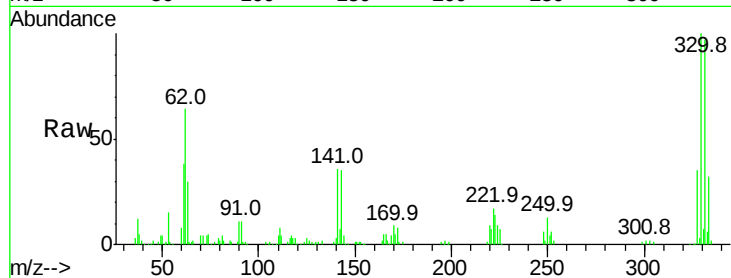




#41
 2,4,6-Tribromophenol
 Concen: 119.870 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097262.D
 Acq: 2 Aug 2017 8:51

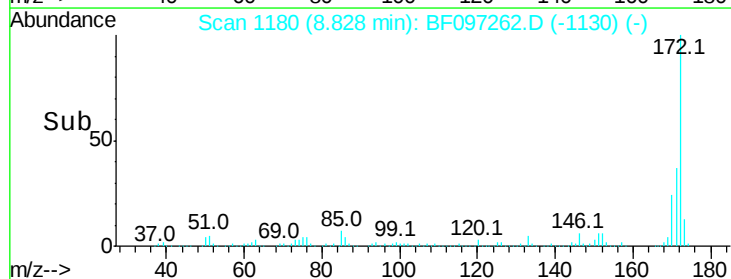
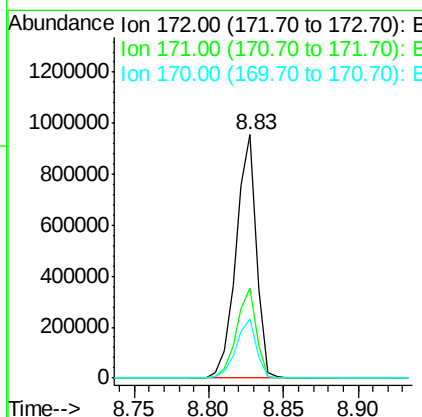
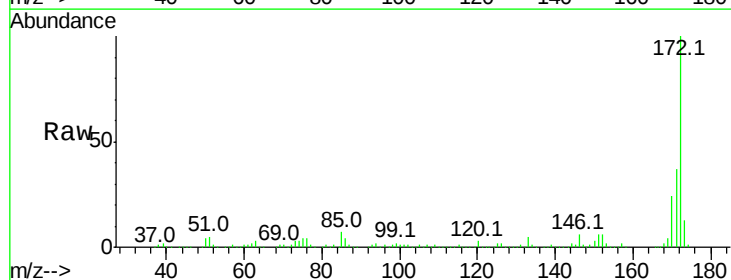
Instrument :
 BNA_F
 ClientSampleId :

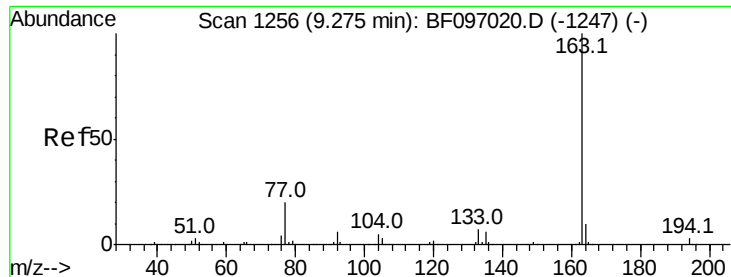
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 100.368 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF097262.D
 Acq: 2 Aug 2017 8:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.5	19.8	29.8

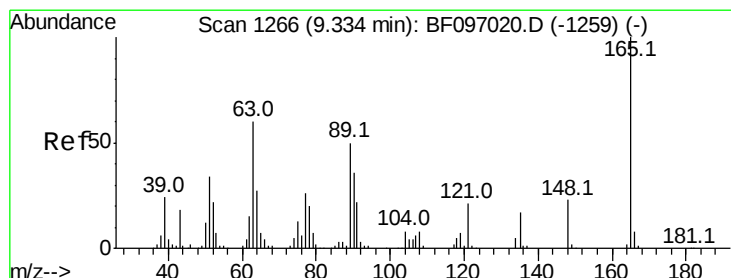
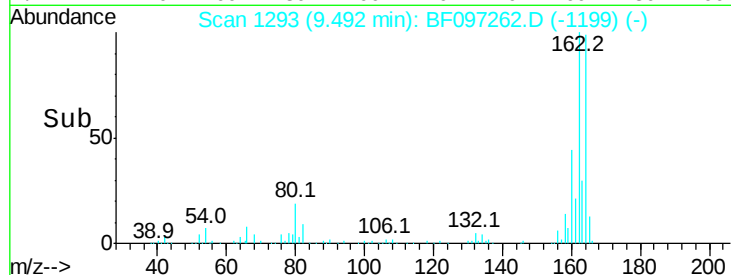
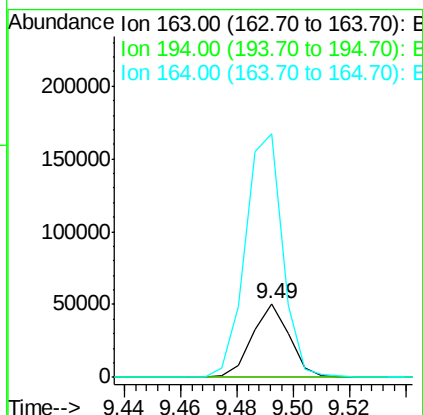
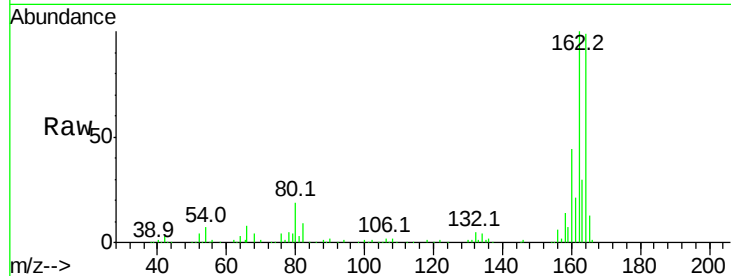




#49
Dimethylphthalate
Concen: 3.931 ng
RT: 9.49 min Scan# 1293
Delta R.T. 0.25 min
Lab File: BF097262.D
Acq: 2 Aug 2017 8:51

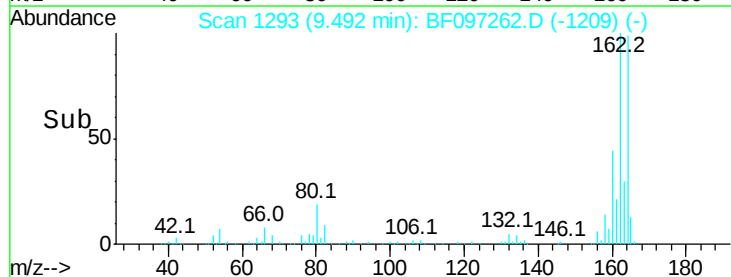
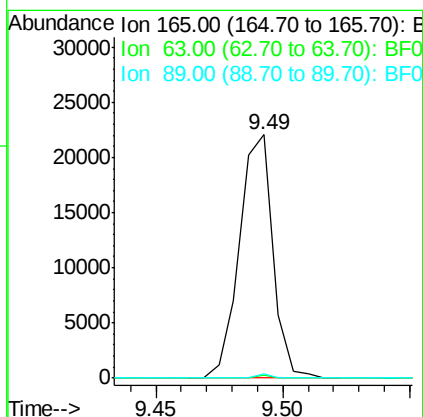
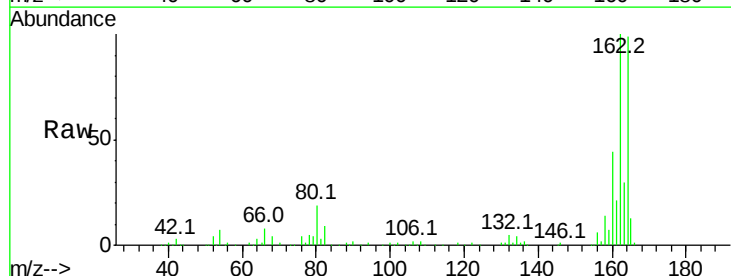
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 46178
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 332.0 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 8.107 ng
RT: 9.49 min Scan# 1293
Delta R.T. 0.19 min
Lab File: BF097262.D
Acq: 2 Aug 2017 8:51

Tgt Ion:165 Resp: 20197
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.6 37.1 55.7#

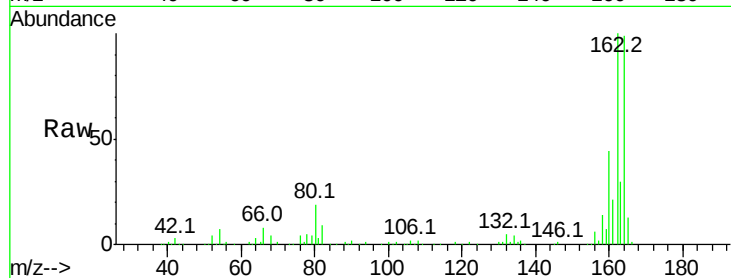




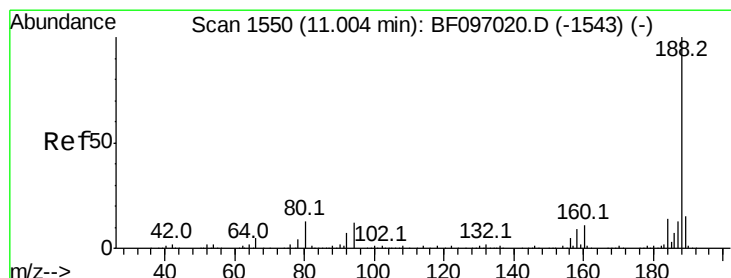
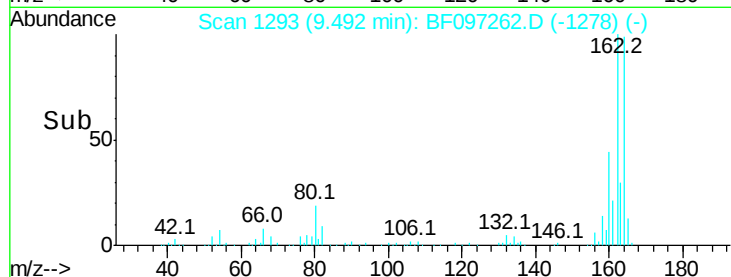
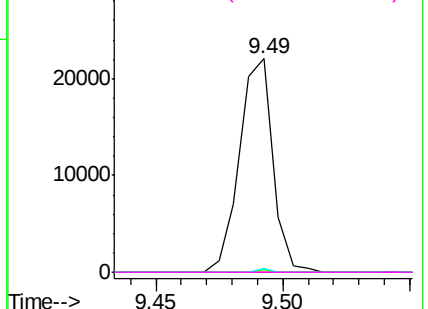
#56
 2,4-Dinitrotoluene
 Concen: 7.052 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF097262.D
 Acq: 2 Aug 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 20197
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#

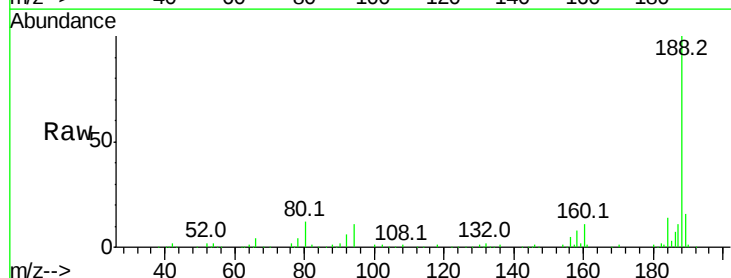


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

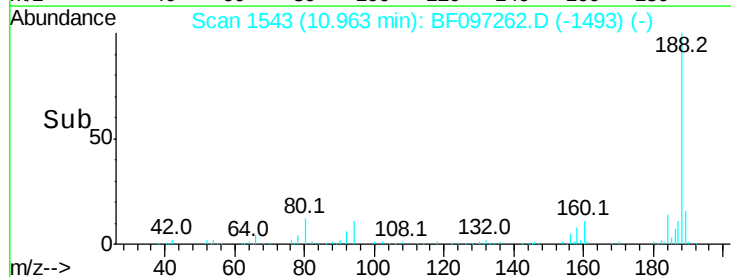
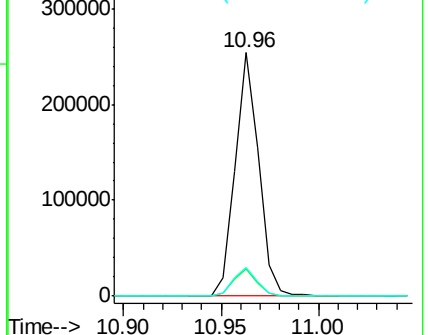


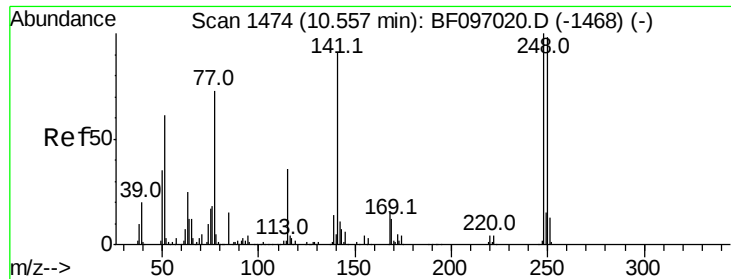
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF097262.D
 Acq: 2 Aug 2017 8:51

Tgt Ion:188 Resp: 213620
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 11.8 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

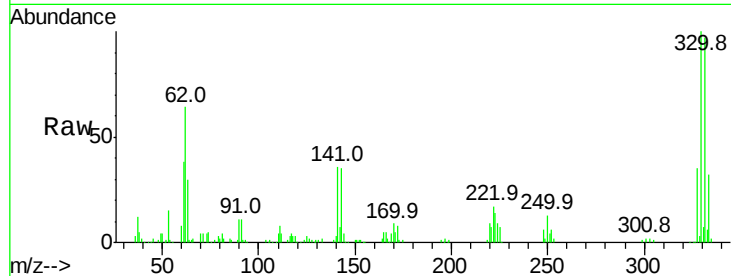




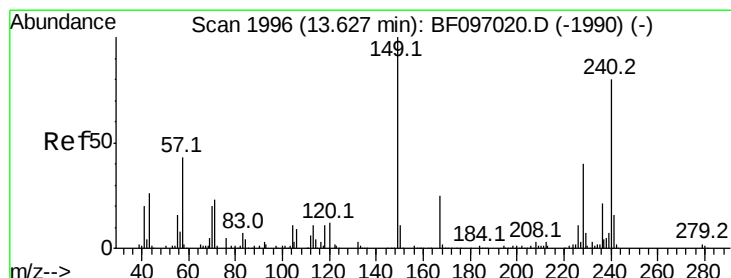
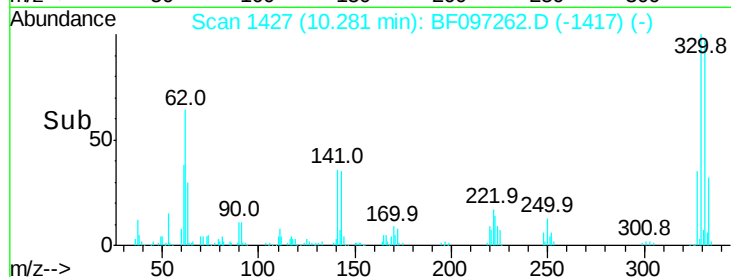
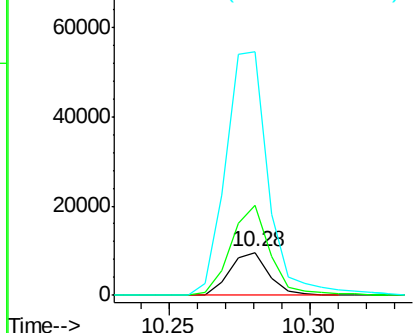
#66
 4-Bromophenyl-phenylether
 Concen: 4.334 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.24 min
 Lab File: BF097262.D
 Acq: 2 Aug 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9240
 Ion Ratio Lower Upper
 248 100
 250 208.1 76.8 115.2#
 141 565.7 68.6 103.0#

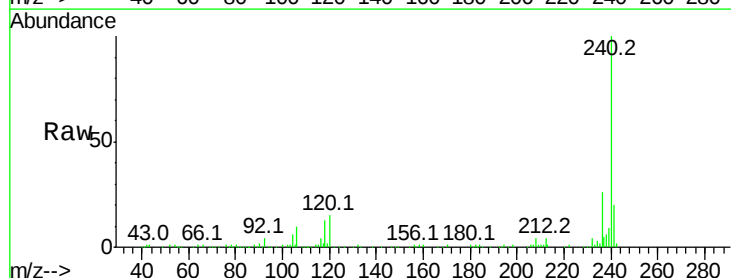


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

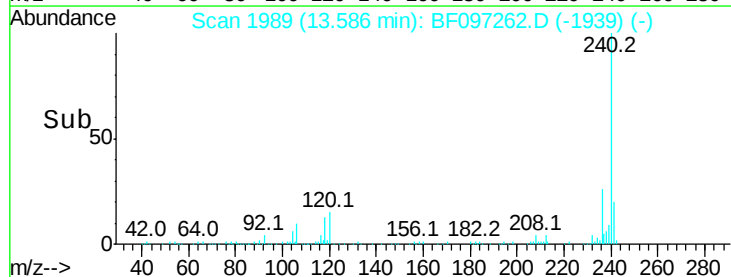
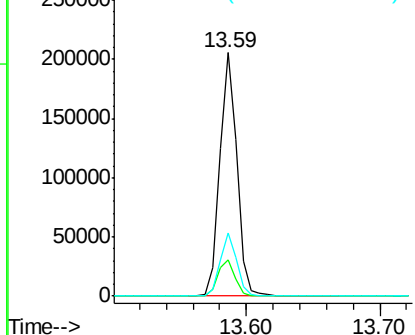


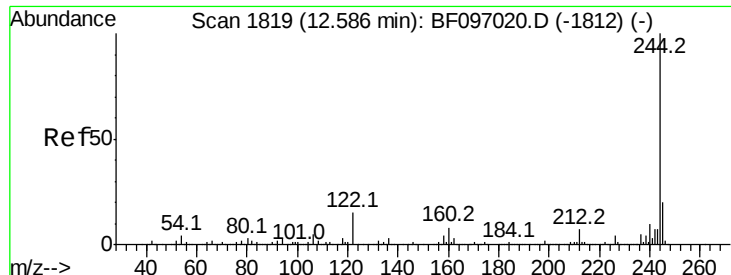
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF097262.D
 Acq: 2 Aug 2017 8:51

Tgt Ion:240 Resp: 187054
 Ion Ratio Lower Upper
 240 100
 120 15.2 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: 64.121 ng

RT: 12.55 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF097262.D

Acq: 2 Aug 2017 8:51

Instrument :

BNA_F

ClientSampleId :

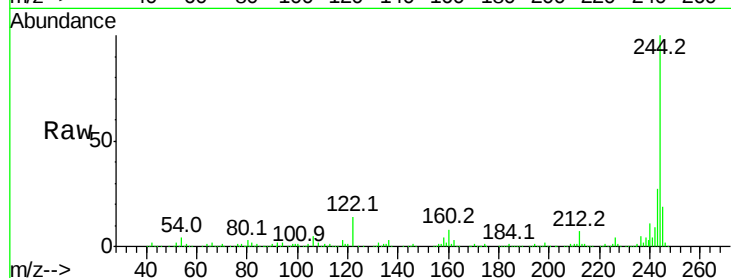
Tot Ion:244 Resp: 588274

Ion Ratio Lower Upper

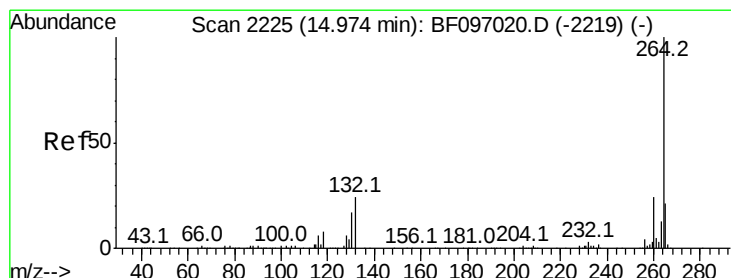
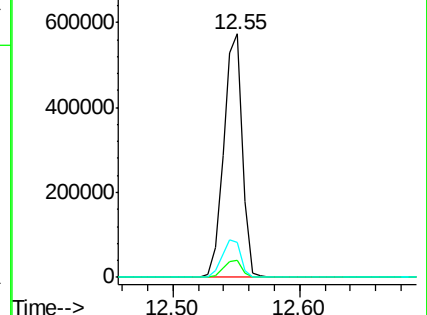
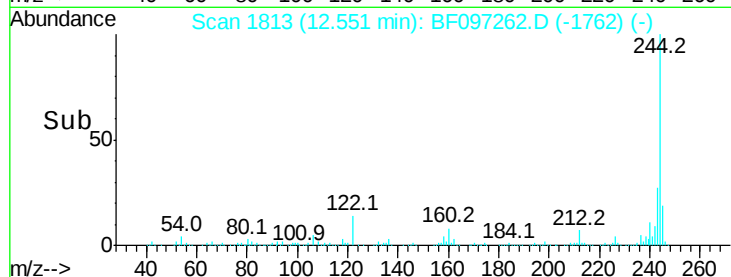
244 100

212 6.8 6.0 9.0

122 14.4 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

Perylene-d12

Concen: 20.000 ng

RT: 14.93 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF097262.D

Acq: 2 Aug 2017 8:51

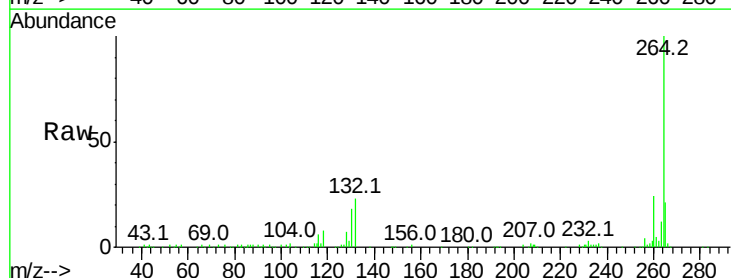
Tgt Ion:264 Resp: 130533

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.1 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

