

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097750.D
 Acq On : 16 Aug 2017 20:32
 Operator : SJ/JU
 Sample : PB101564BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BL

Quant Time: Aug 17 01:25:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

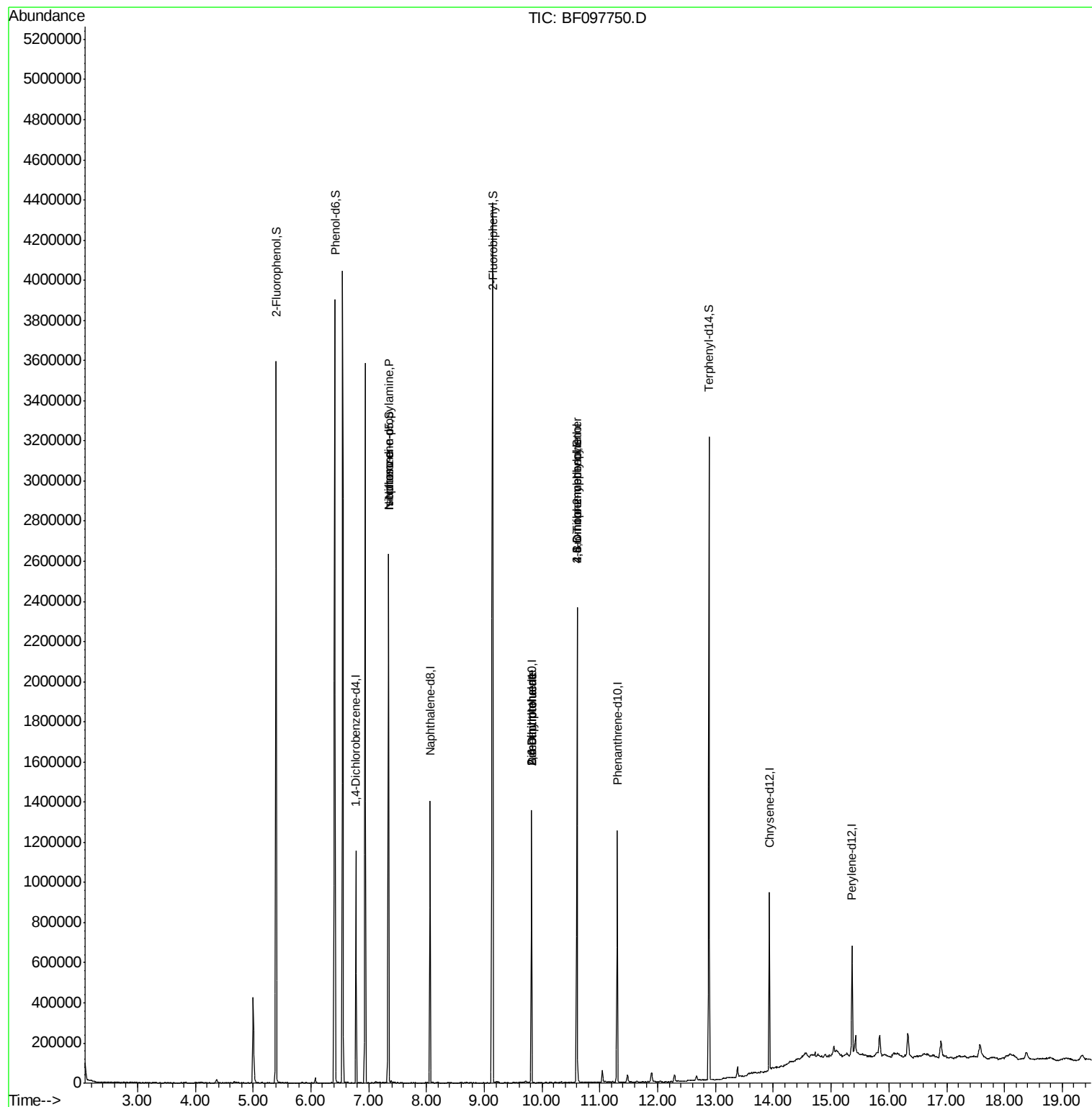
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142133	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	565933	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	244221	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	395235	20.00	ng	0.00
75) Chrysene-d12	13.93	240	274264	20.00	ng	0.00
86) Perylene-d12	15.36	264	229554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1251137	133.89	ng	0.02
7) Phenol-d6	6.42	99	1655956	130.43	ng	0.00
23) Nitrobenzene-d5	7.35	82	1015162	97.45	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	275481	130.00	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1558124	93.73	ng	0.00
78) Terphenyl-d14	12.89	244	978251	74.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	136895	15.75	ng	# 71
25) Isophorone	7.35	82	1014087	46.81	ng	# 67
49) Dimethylphthalate	9.82	163	65619	3.68	ng	# 1
50) 2,6-Dinitrotoluene	9.82	165	30710	8.62	ng	# 34
56) 2,4-Dinitrotoluene	9.82	165	30710	6.87	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.60	198	664	8.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	17810	4.34	ng	# 1

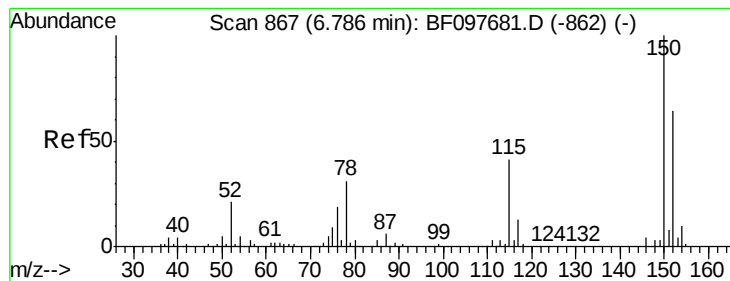
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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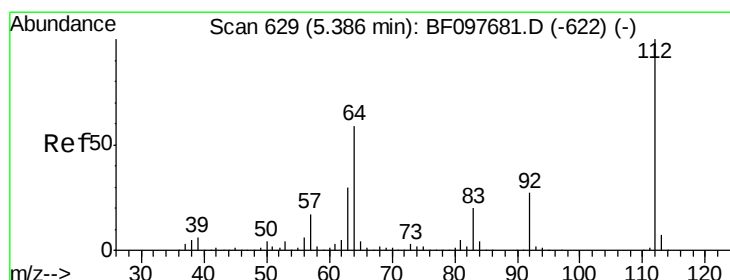
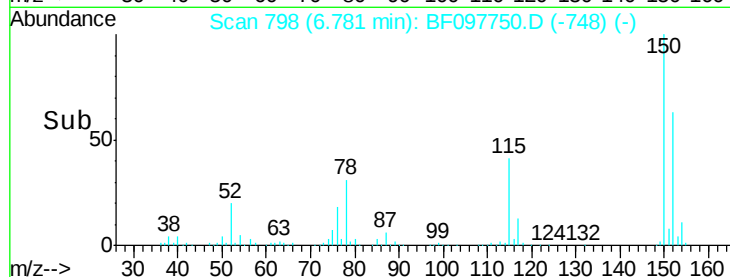
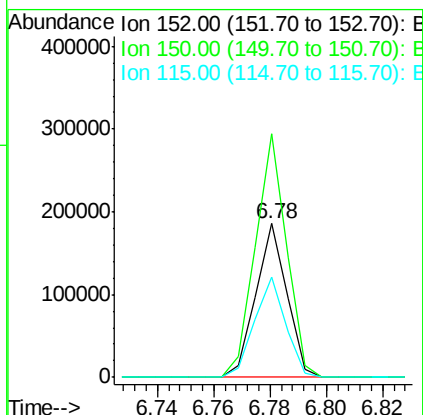
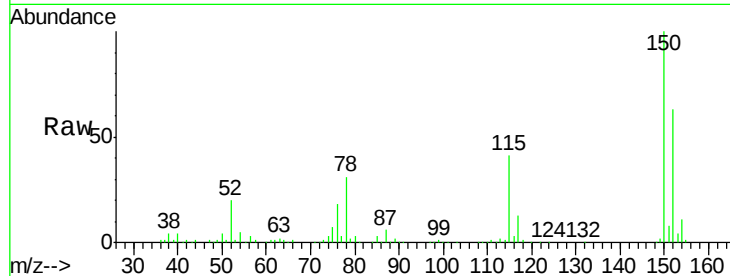


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

Instrument :
BNA_F
ClientSampleId :
PB101564BL

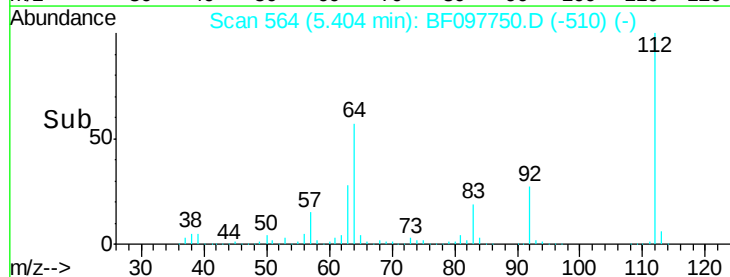
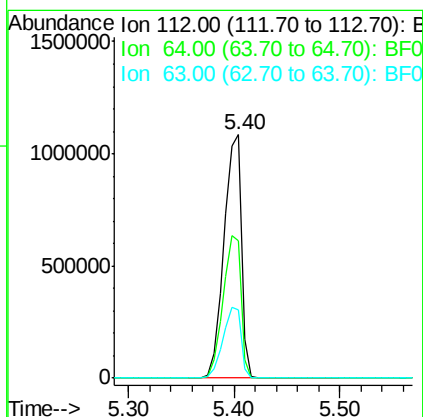
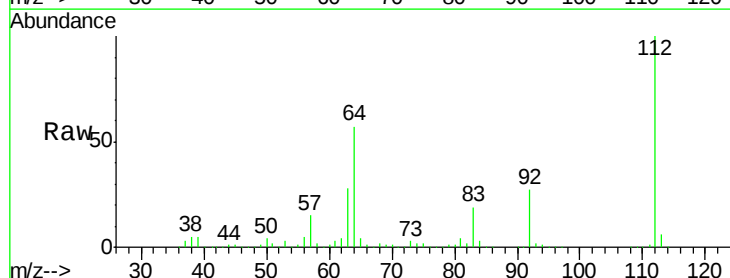
Tot Ion:152 Resp: 142133
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 65.0 52.2 78.2

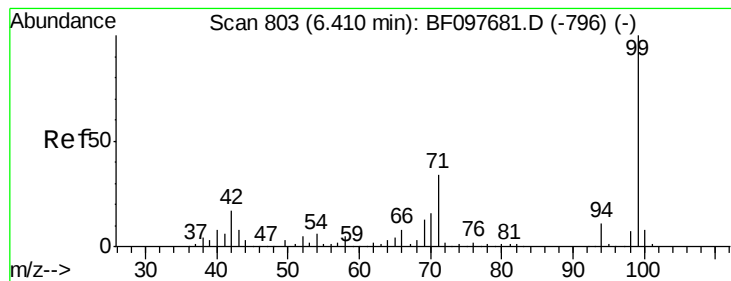


#5

2-Fluorophenol
Concen: 133.89 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

Tgt Ion:112 Resp: 1251137
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 28.3 23.4 35.0





#7

Phenol-d6

Concen: 130.43 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

Instrument :

BNA_F

ClientSampleId :

PB101564BL

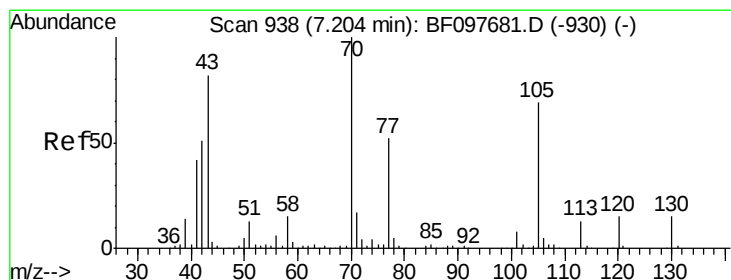
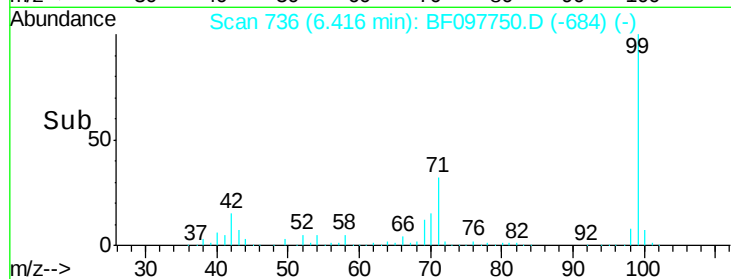
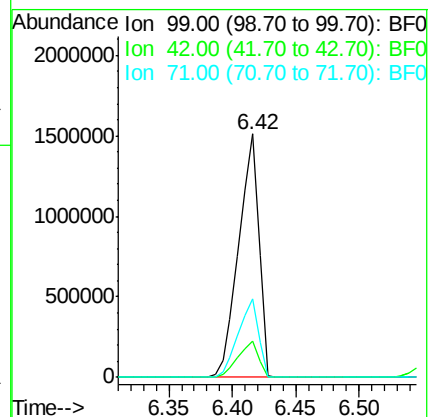
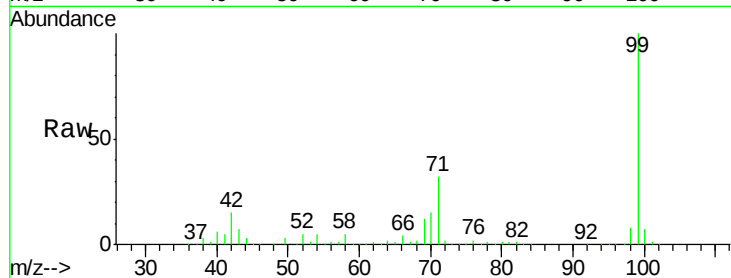
Tot Ion: 99 Resp: 1655956

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

71 32.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.75 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

Tgt Ion: 70 Resp: 136895

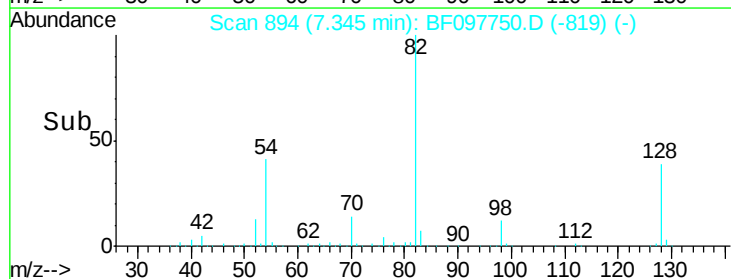
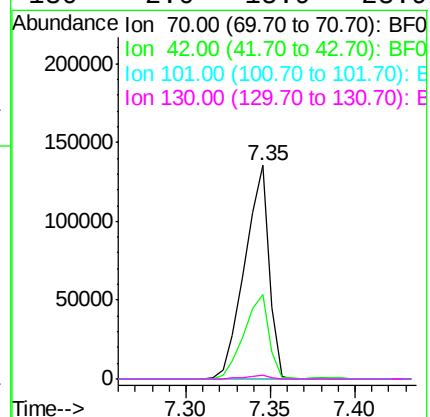
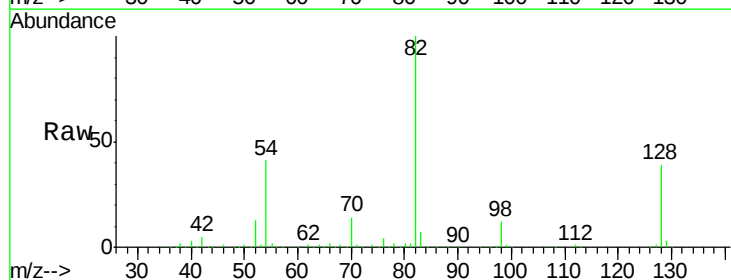
Ion Ratio Lower Upper

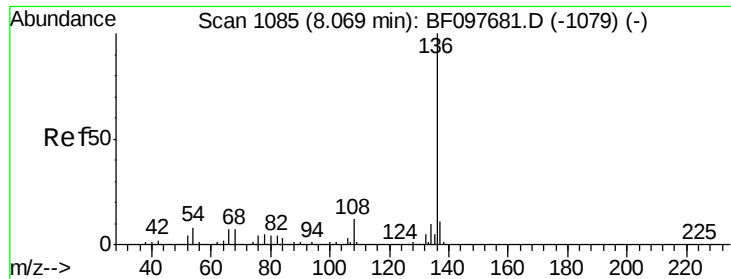
70 100

42 39.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

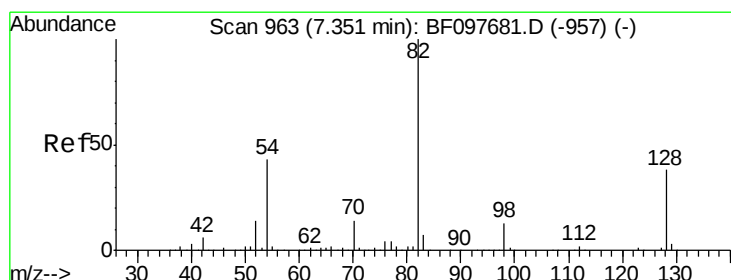
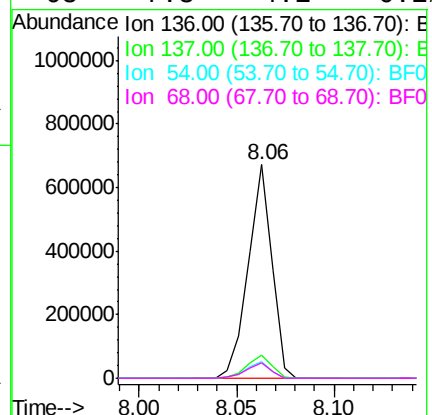
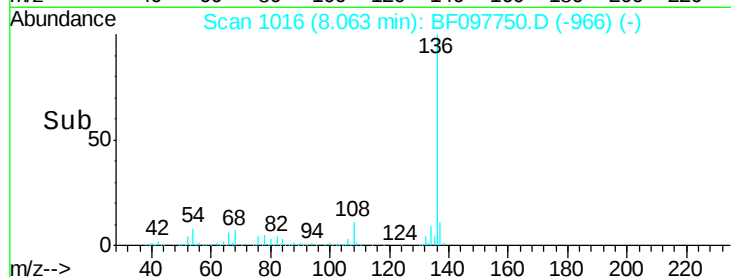
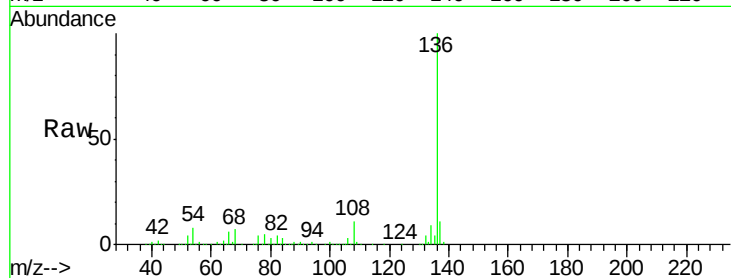




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

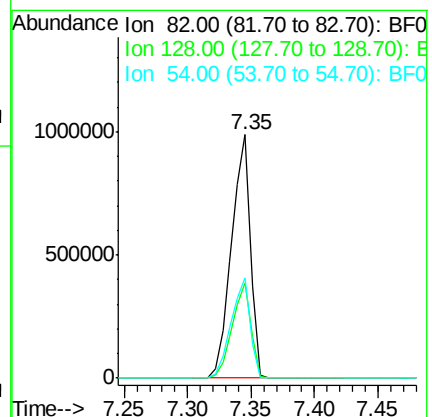
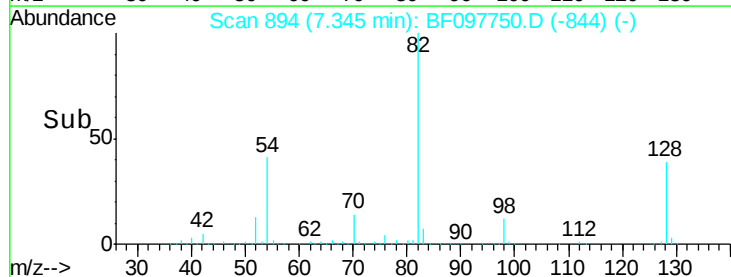
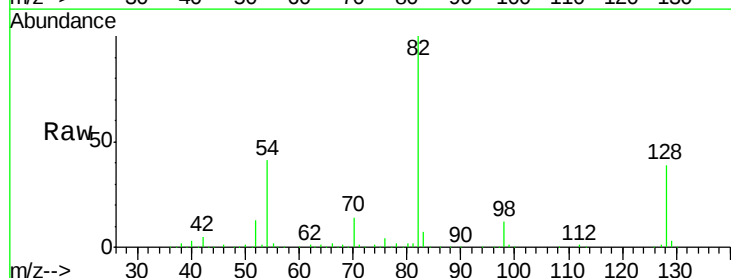
Instrument :
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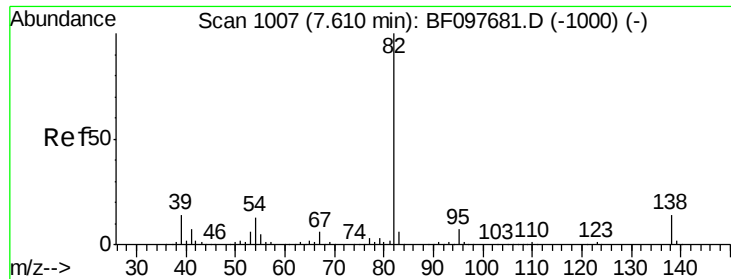
Tot Ion:136	Resp: 565933
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 7.9	4.9 7.3#
68 7.3	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 97.45 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

Tgt	Ion: 82	Resp: 1015162	
Ion	Ratio	Lower	Upper
82	100		
128	39.0	34.0	51.0
54	40.9	42.2	63.2#





#25

Isophorone

Concen: 46.81 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

Instrument :

BNA_F

ClientSampleId :

PB101564BL

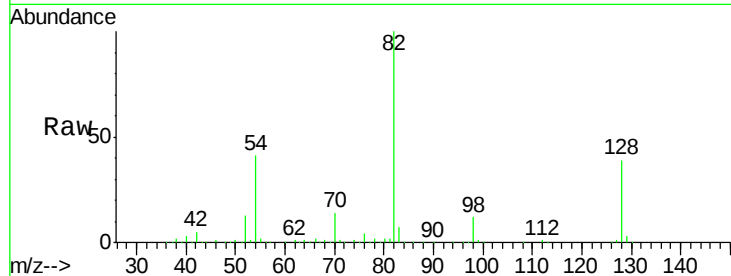
Tot Ion: 82 Resp: 1014087

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

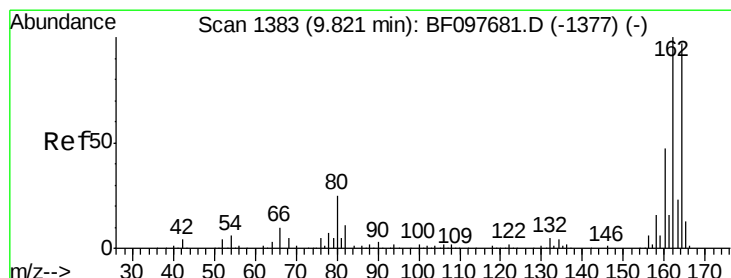
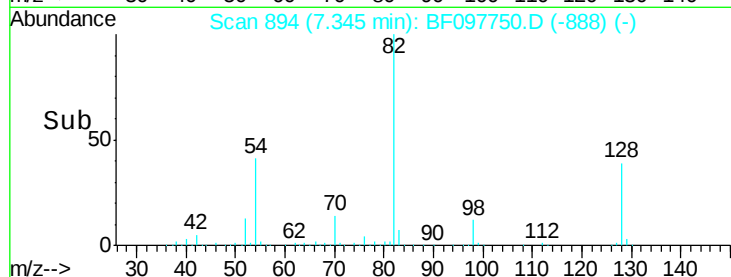
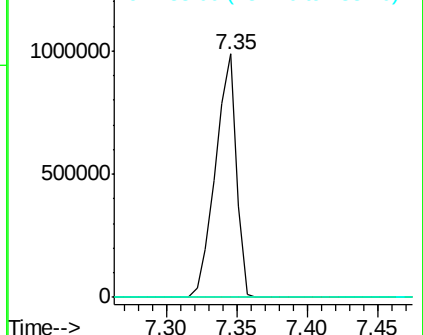
138 0.0 13.1 19.7#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

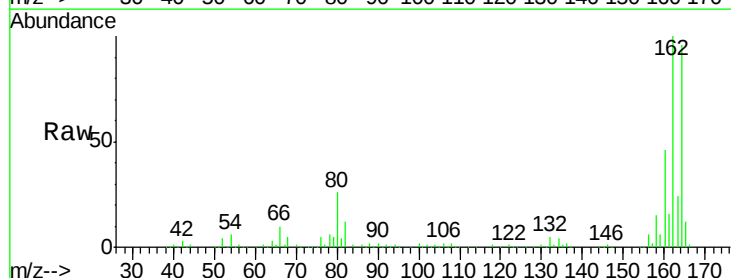
Tgt Ion:164 Resp: 244221

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

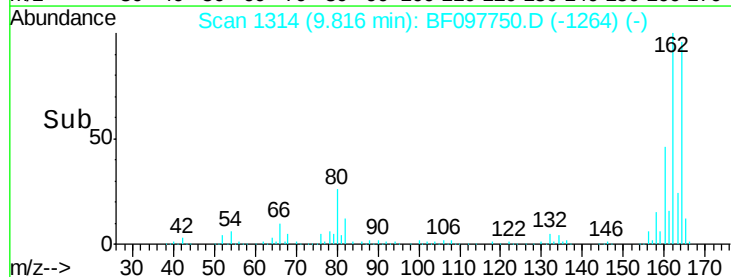
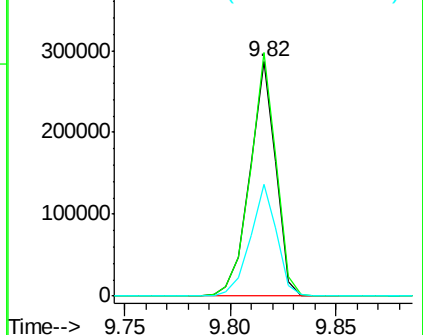
160 47.5 36.2 54.2

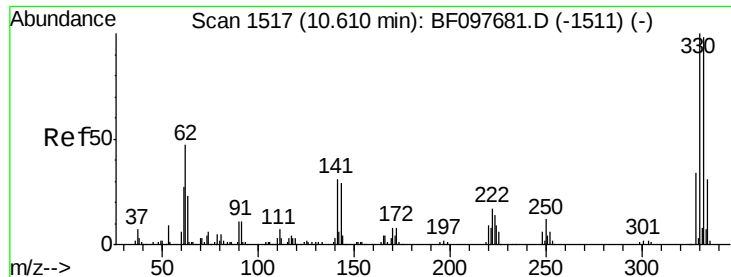


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

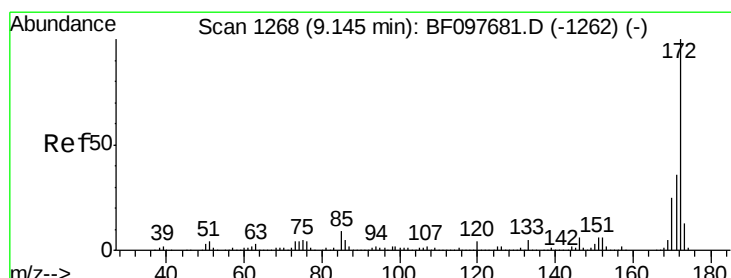
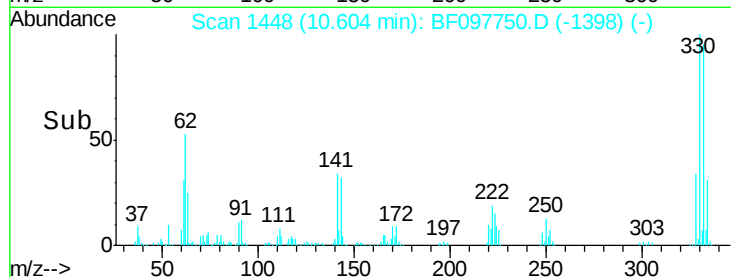
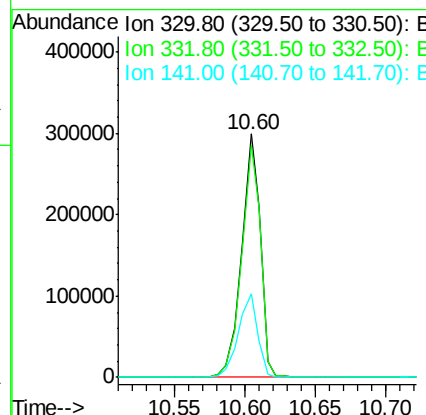
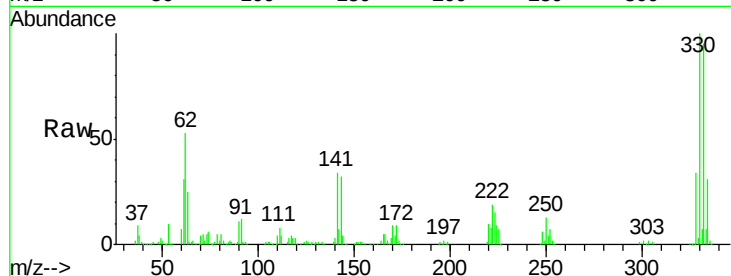




#41
 2,4,6-Tribromophenol
 Concen: 130.00 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097750.D
 Acq: 16 Aug 2017 20:32

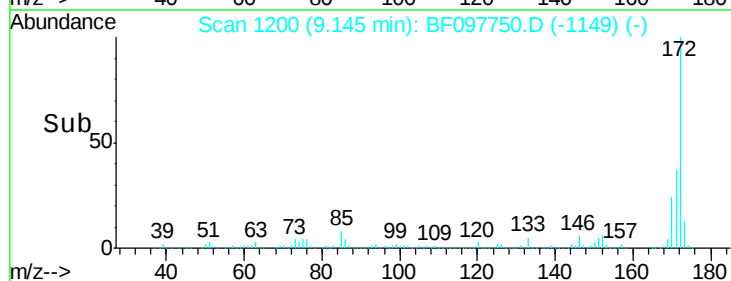
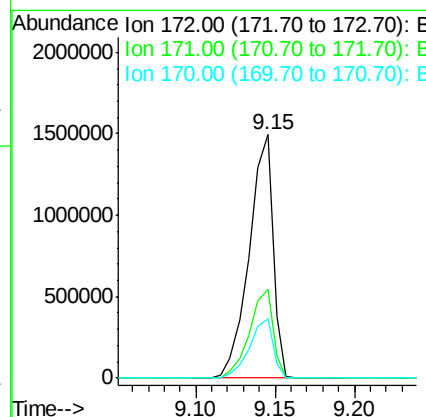
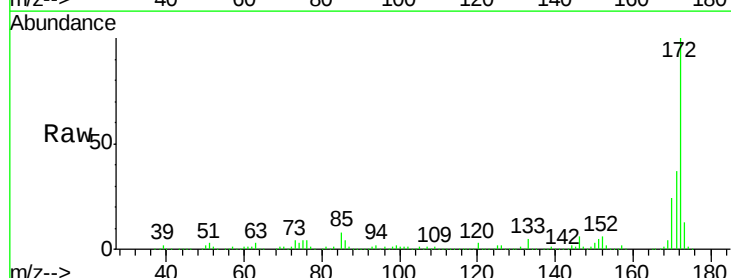
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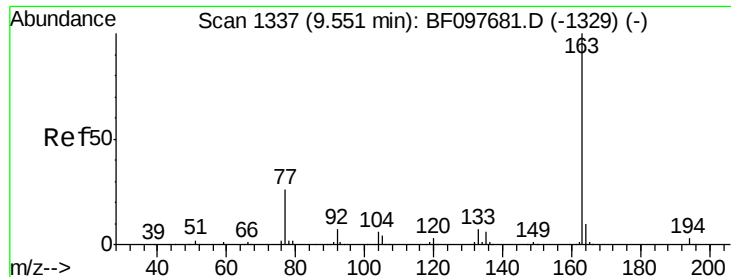
Tot Ion:330 Resp: 275481
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 35.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 93.73 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097750.D
 Acq: 16 Aug 2017 20:32

Tgt Ion:172 Resp: 1558124
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.4 19.8 29.8

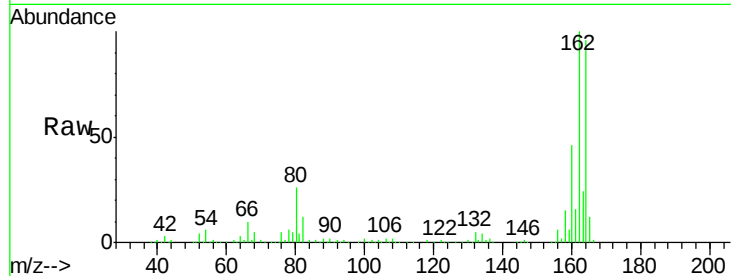




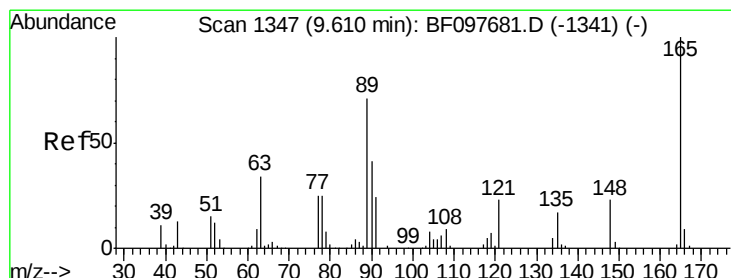
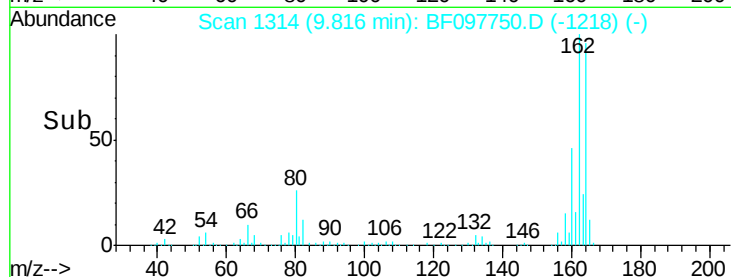
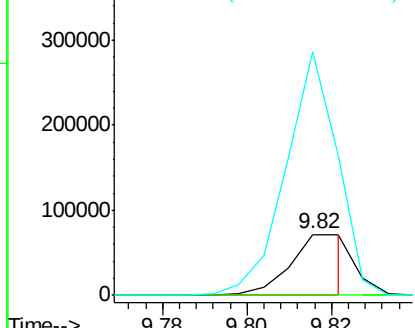
#49
Dimethylphthalate
Concen: 3.68 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.26 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

Instrument :
BNA_F
ClientSampleId :
PB101564BL

Tot Ion:163 Resp: 65619
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 401.5 8.4 12.6#

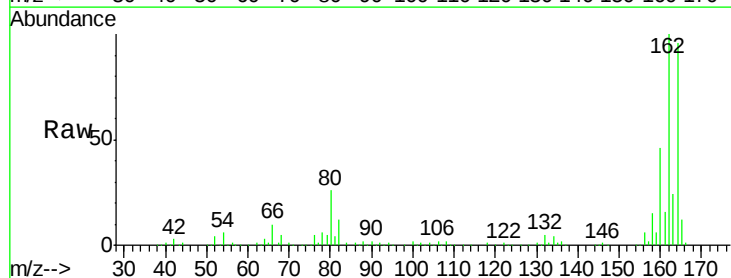


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

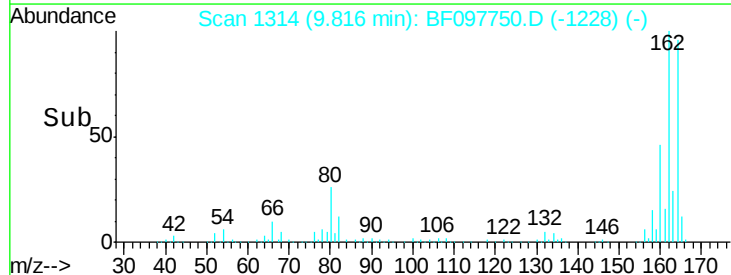
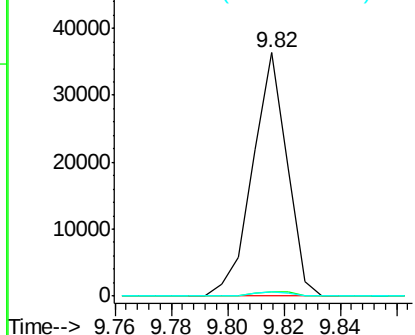


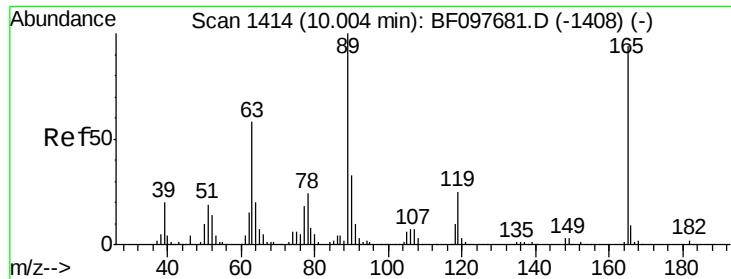
#50
2,6-Dinitrotoluene
Concen: 8.62 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.21 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

Tgt Ion:165 Resp: 30710
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.9 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

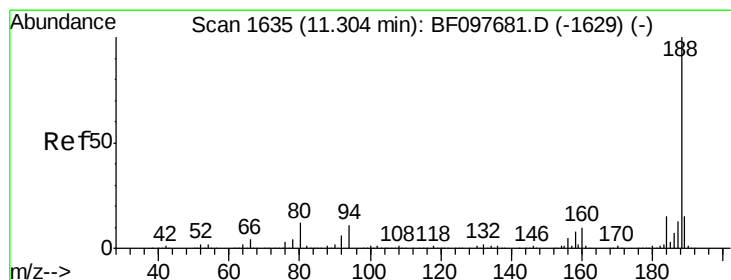
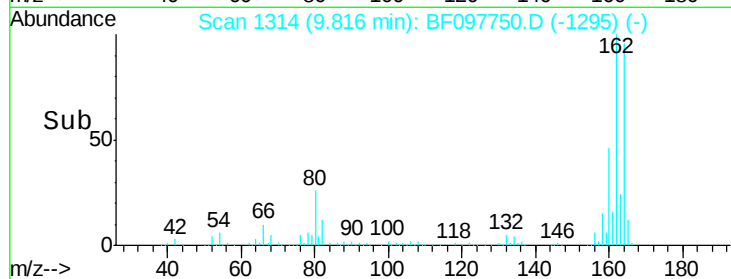
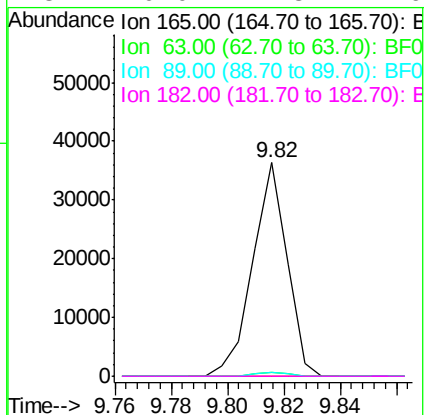
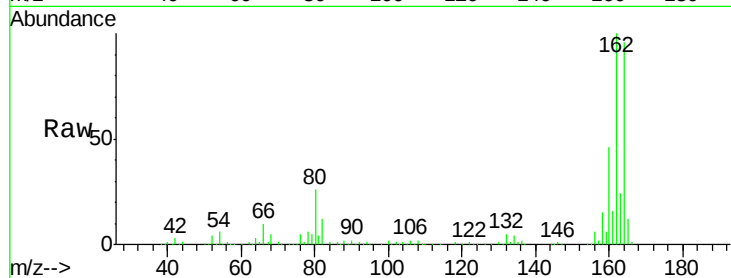




#56
 2,4-Dinitrotoluene
 Concen: 6.87 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.19 min
 Lab File: BF097750.D
 Acq: 16 Aug 2017 20:32

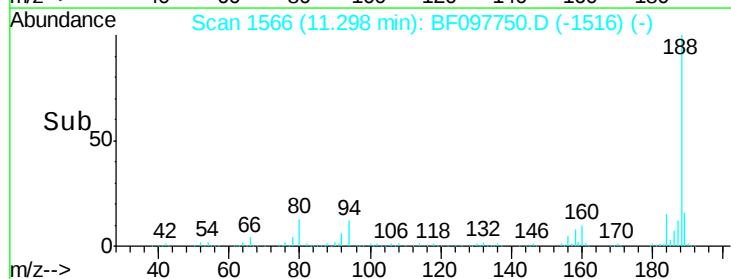
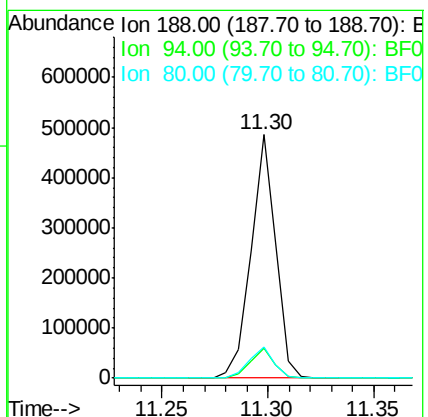
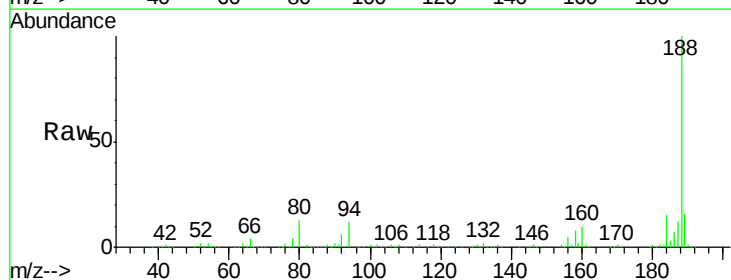
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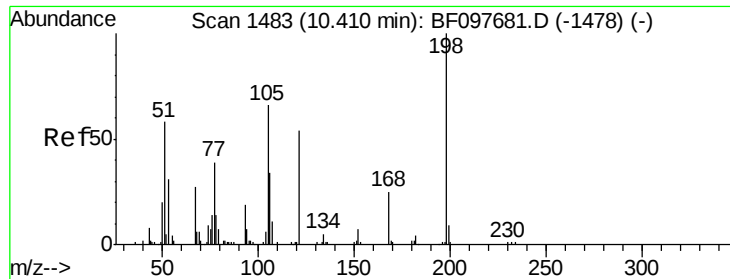
Tot Ion:165	Resp:	30710
Ion Ratio	Lower	Upper
165	100	
63	1.5	25.4 38.0#
89	1.9	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097750.D
 Acq: 16 Aug 2017 20:32

Tgt Ion:188	Resp:	395235
Ion Ratio	Lower	Upper
188	100	
94	12.0	9.4 14.2
80	12.9	10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.62 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.19 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

Instrument :

BNA_F

ClientSampleId :

PB101564BL

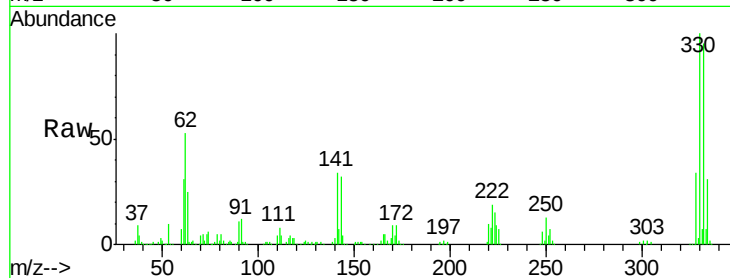
Tot Ion:198 Resp: 664

Ion Ratio Lower Upper

198 100

51 174.7 53.2 93.2#

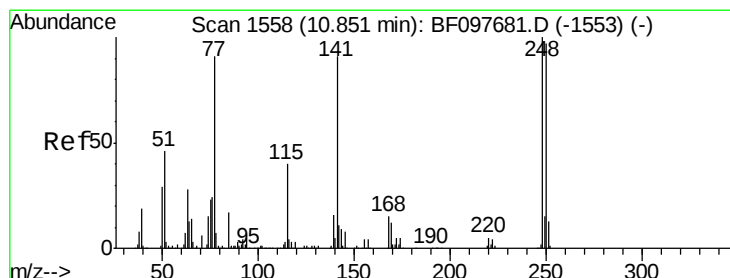
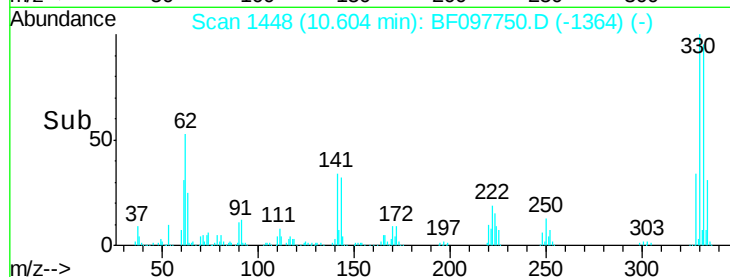
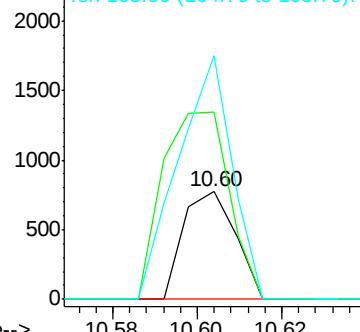
105 226.4 45.8 85.8#



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: 4.34 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.25 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

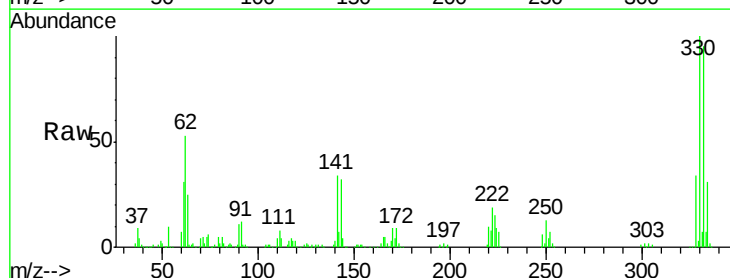
Tgt Ion:248 Resp: 17810

Ion Ratio Lower Upper

248 100

250 198.9 76.8 115.2#

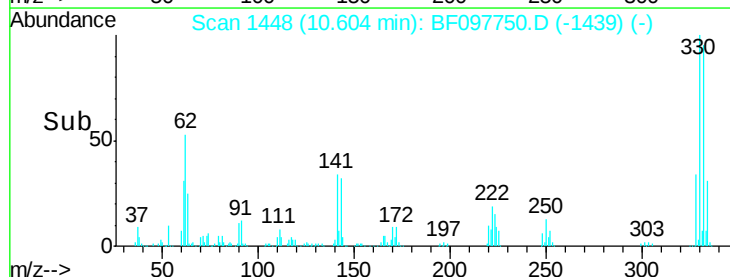
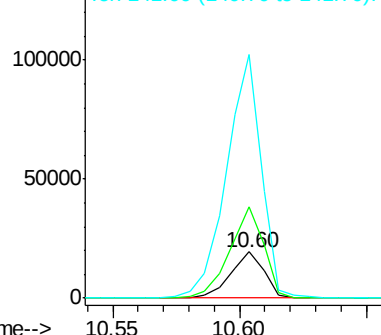
141 526.7 68.6 103.0#

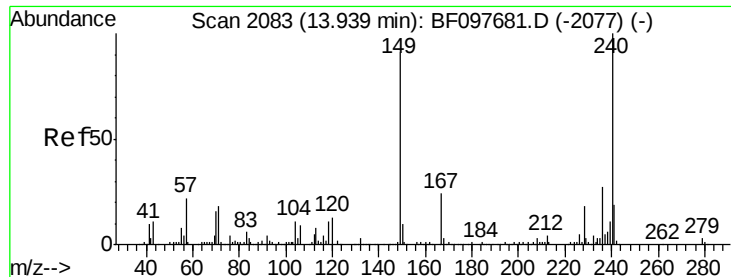


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

Instrument :

BNA_F

ClientSampleId :

PB101564BL

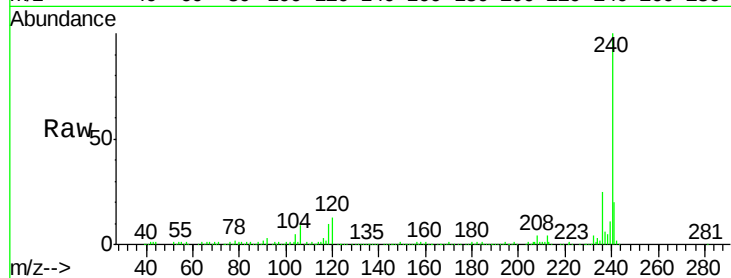
Tot Ion:240 Resp: 274264

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

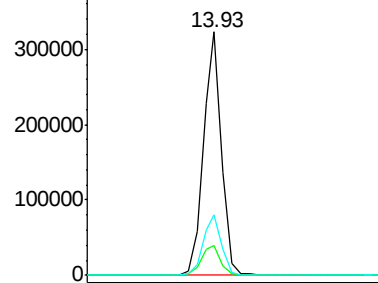
236 24.9 20.5 30.7



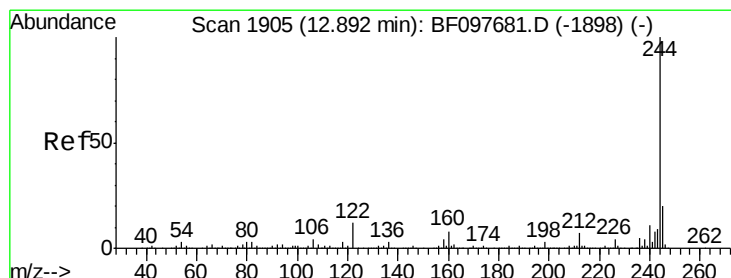
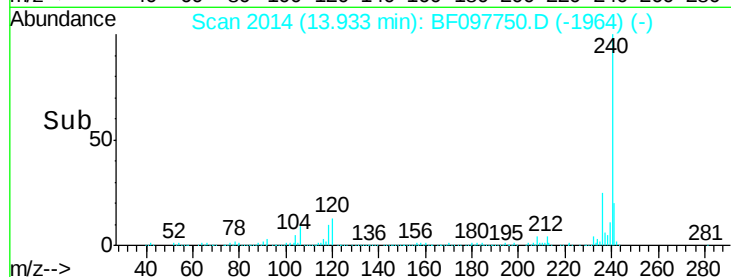
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.85 13.90 13.95 14.00



#78

Terphenyl-d14

Concen: 74.38 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

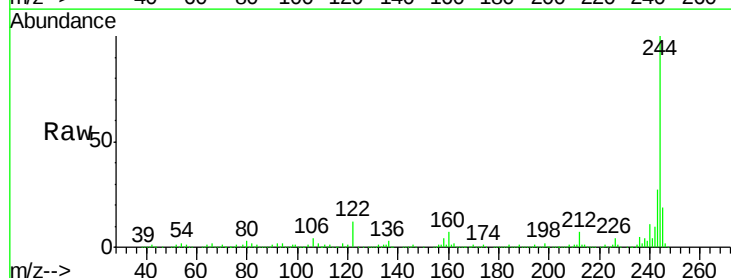
Tgt Ion:244 Resp: 978251

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

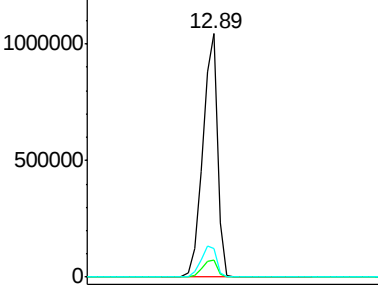
122 11.9 10.3 15.5



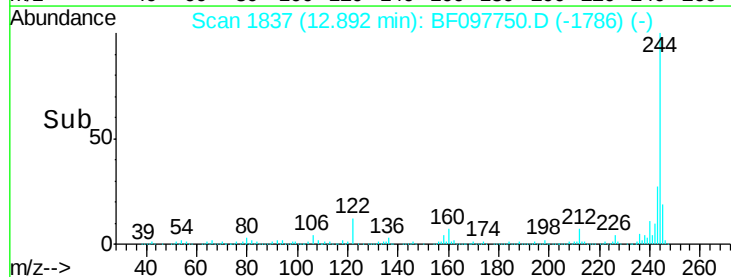
Abundance Ion 244.00 (243.70 to 244.70): E

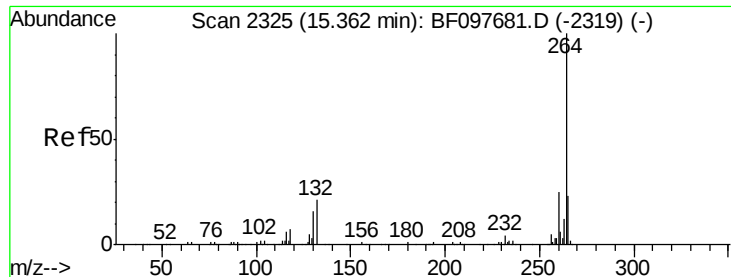
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

Instrument :
BNA_F
ClientSampleId :
PB101564BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.2	17.2	25.8

