

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097751.D
 Acq On : 16 Aug 2017 21:00
 Operator : SJ/JU
 Sample : I4783-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-J

Quant Time: Aug 17 01:26:10 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

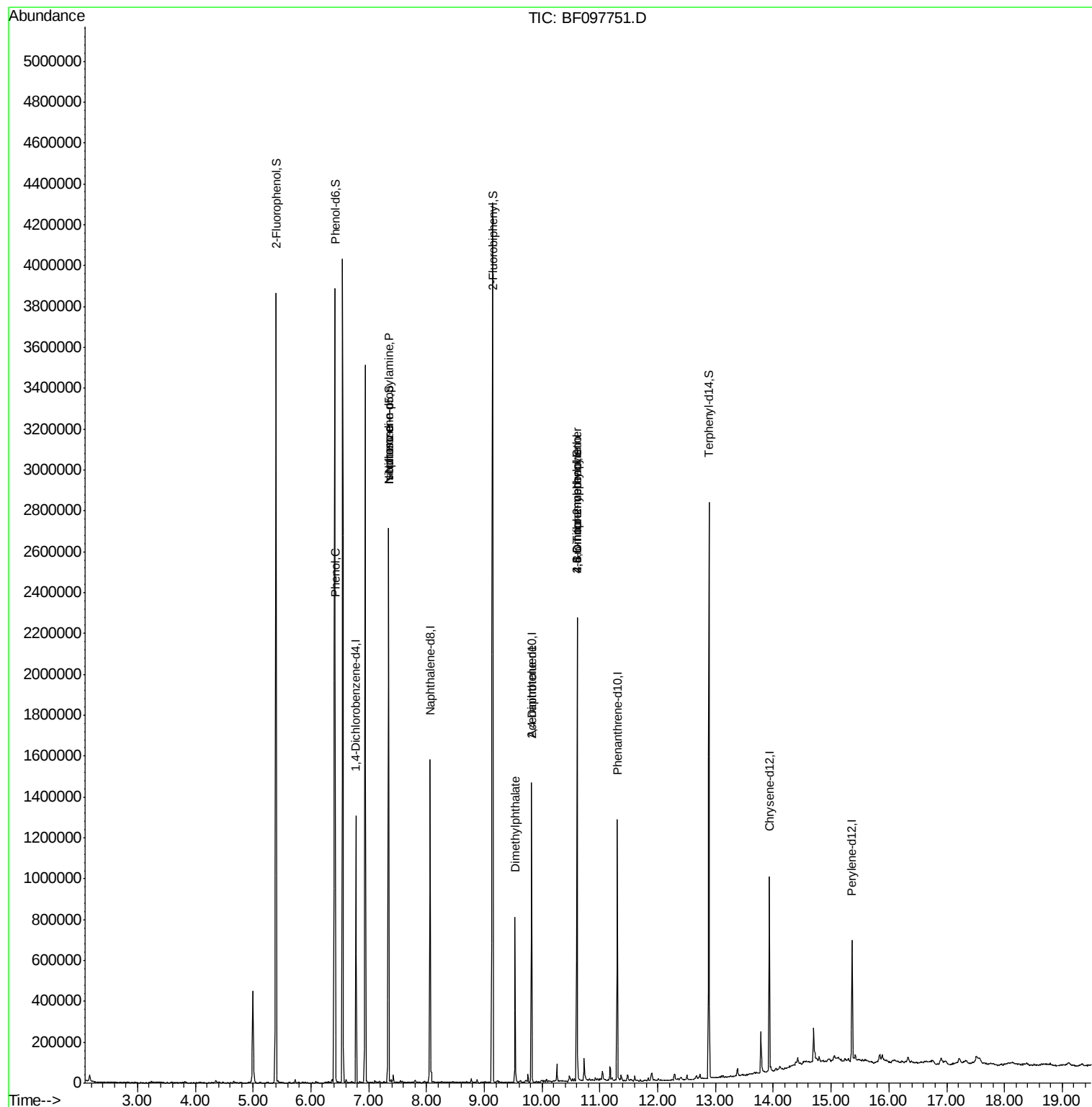
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	158827	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	626875	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	265252	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	420047	20.00	ng	0.00
75) Chrysene-d12	13.93	240	291448	20.00	ng	0.00
86) Perylene-d12	15.36	264	253975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1213052	116.17	ng	0.01
7) Phenol-d6	6.42	99	1637429	115.41	ng	0.00
23) Nitrobenzene-d5	7.35	82	1008572	87.40	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	257454	111.86	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1419028	78.60	ng	0.00
78) Terphenyl-d14	12.89	244	864654	61.87	ng	0.00
Target Compounds						
10) Phenol	6.43	94	43121	2.60	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.35	70	134883	13.89	ng	# 74
25) Isophorone	7.35	82	1006434	41.94	ng	# 67
49) Dimethylphthalate	9.53	163	261917	13.51	ng	99
56) 2,4-Dinitrotoluene	9.82	165	33739	6.95	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	599	8.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	16841	3.86	ng	# 1

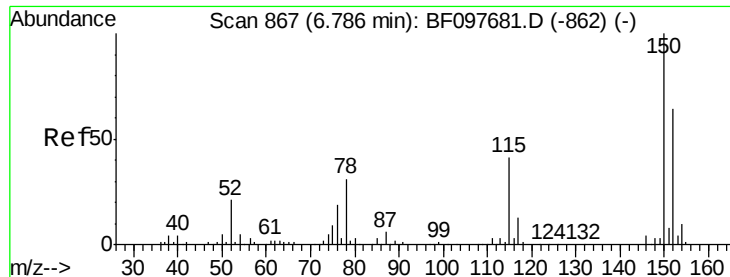
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF097751.D

Acq: 16 Aug 2017 21:00

Instrument :

BNA_F

ClientSampleId :

TP-106-J

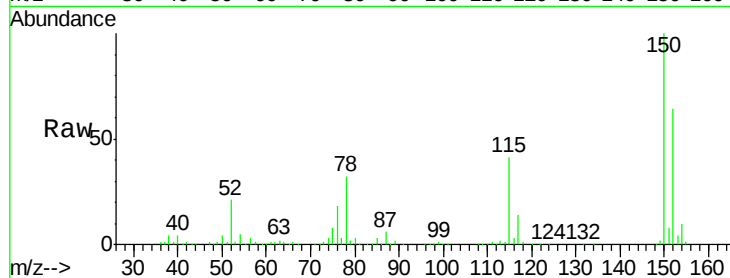
Tot Ion:152 Resp: 158827

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

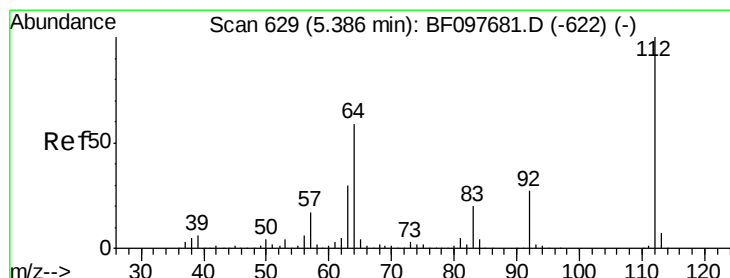
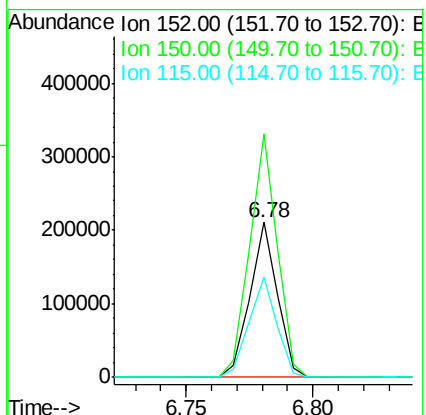
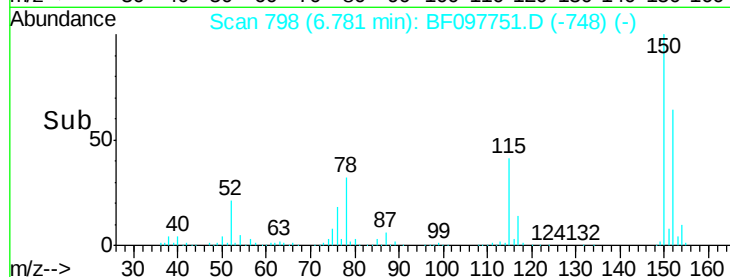
115 64.6 52.2 78.2



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: 116.17 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097751.D

Acq: 16 Aug 2017 21:00

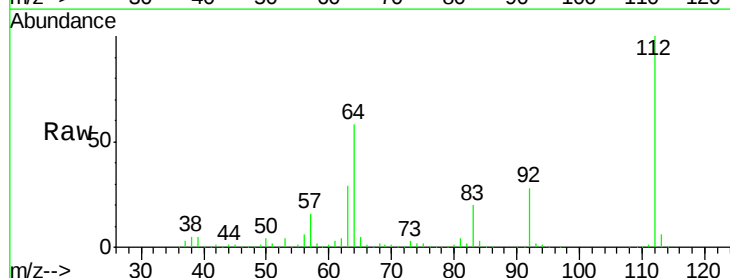
Tgt Ion:112 Resp: 1213052

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

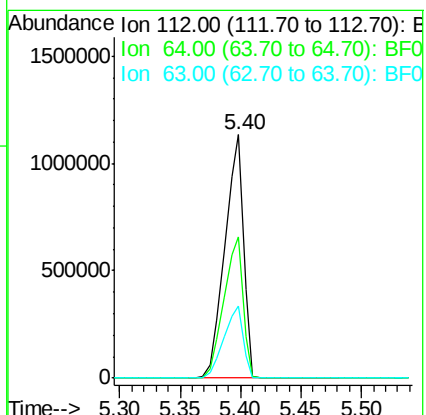
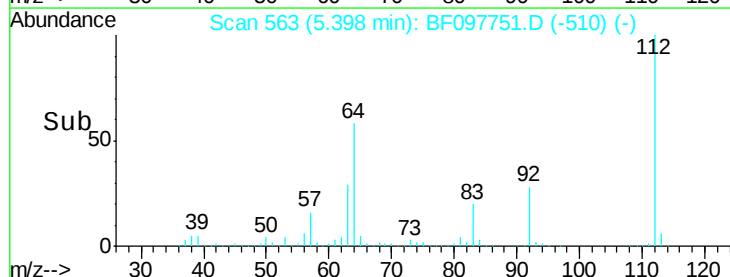
63 29.4 23.4 35.0

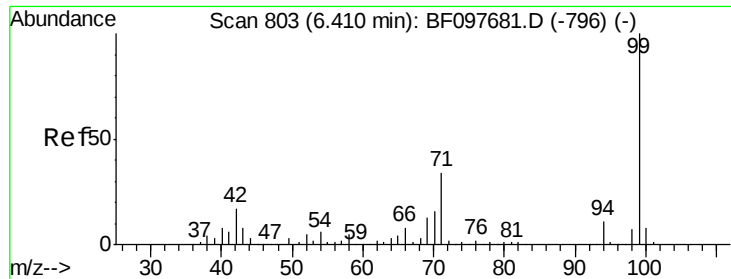


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.41 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097751.D

Acq: 16 Aug 2017 21:00

Instrument :

BNA_F

ClientSampleId :

TP-106-J

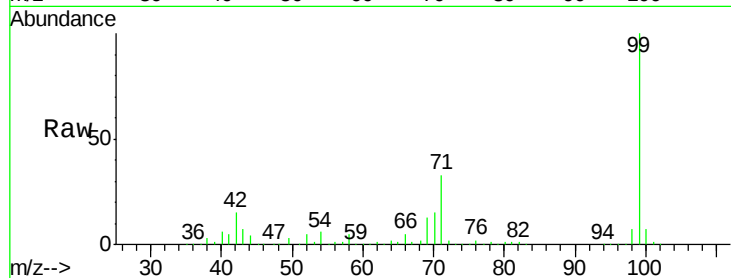
Tot Ion: 99 Resp: 1637429

Ion Ratio Lower Upper

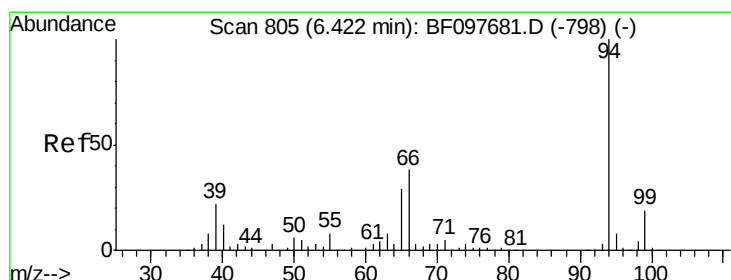
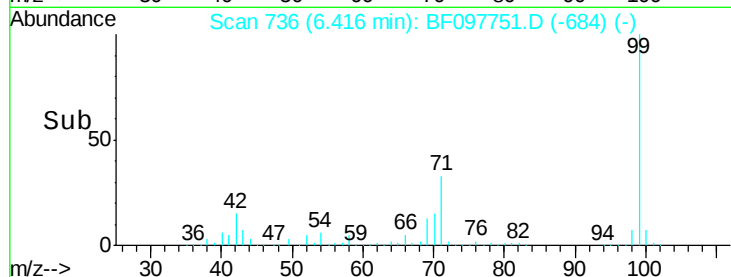
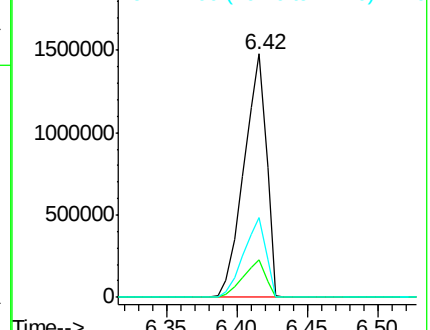
99 100

42 15.2 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: 2.60 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097751.D

Acq: 16 Aug 2017 21:00

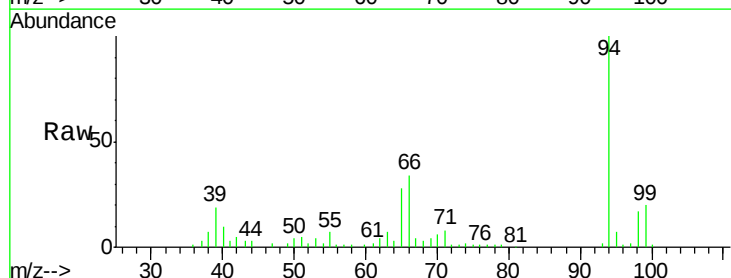
Tgt Ion: 94 Resp: 43121

Ion Ratio Lower Upper

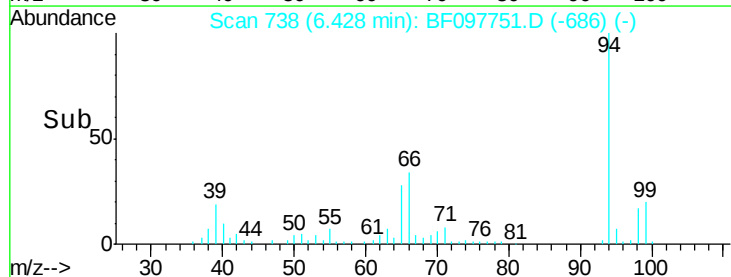
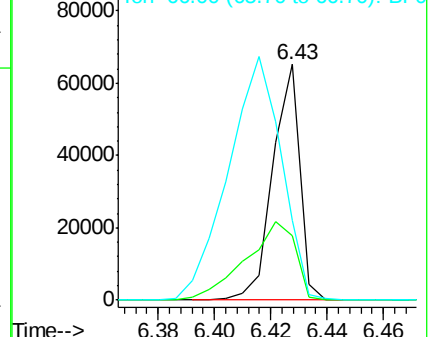
94 100

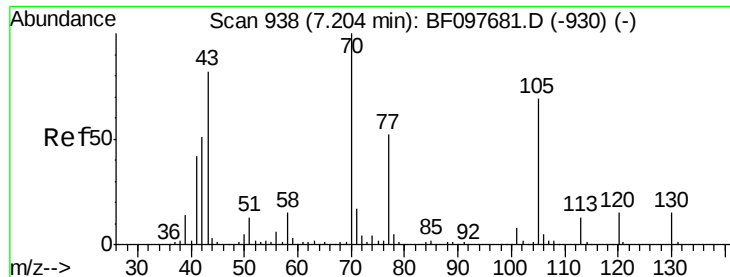
65 27.5 9.9 49.9

66 33.8 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

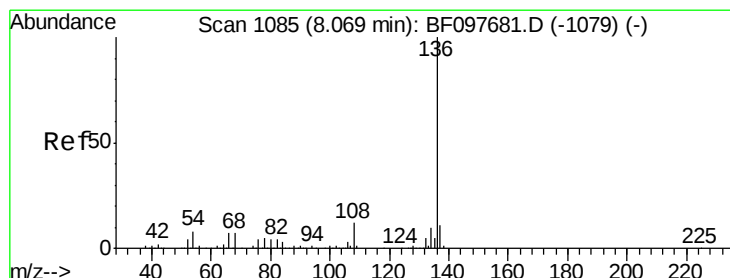
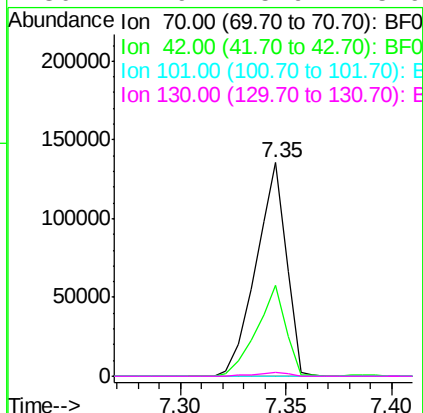
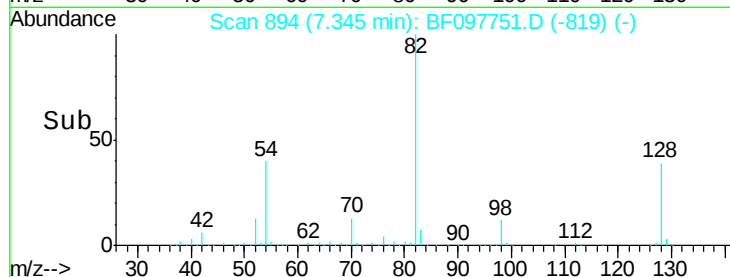
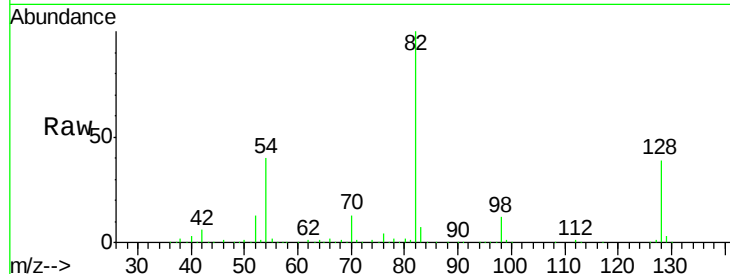




#19
n-Nitroso-di-n-propylamine
Concen: 13.89 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097751.D
Acq: 16 Aug 2017 21:00

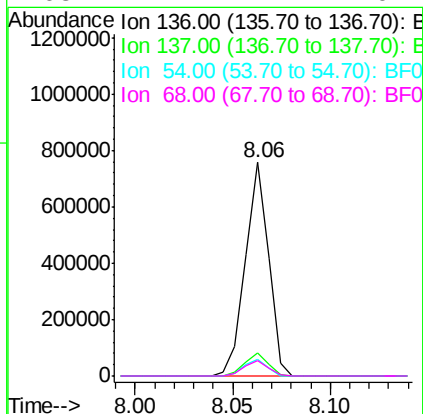
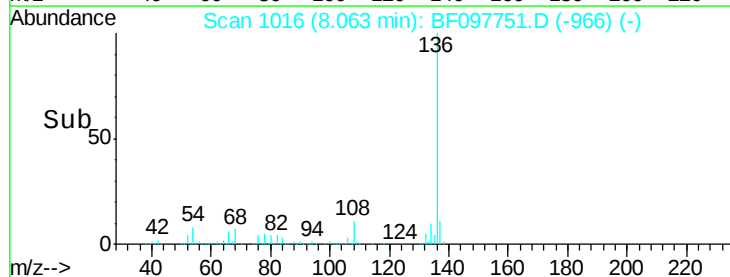
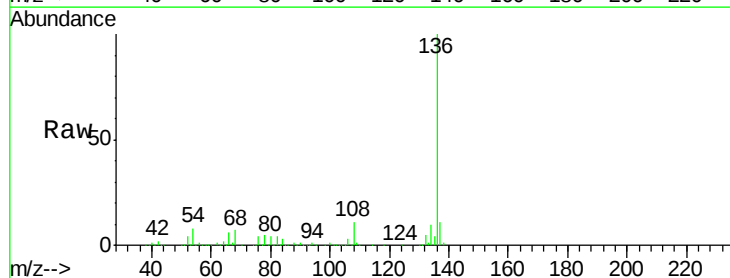
Instrument :
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ClientSampleId :
TP-106-J

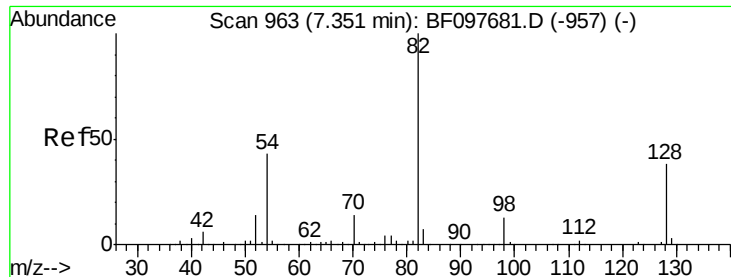
Tot Ion: 70 Resp: 134883
Ion Ratio Lower Upper
70 100
42 42.6 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097751.D
Acq: 16 Aug 2017 21:00

Tgt Ion: 136 Resp: 626875
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.6 4.9 7.3#
68 7.1 4.1 6.1#

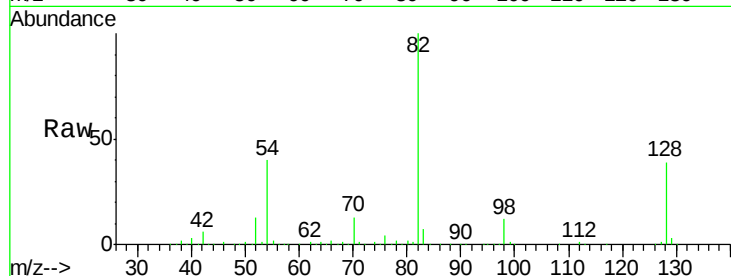




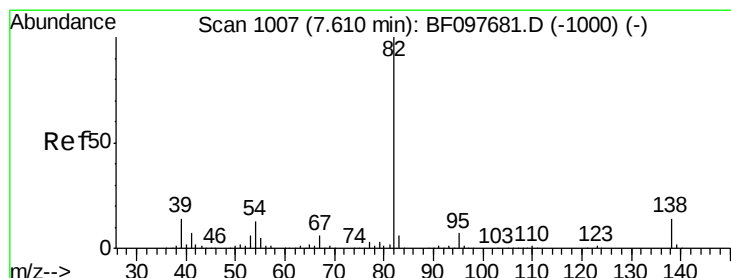
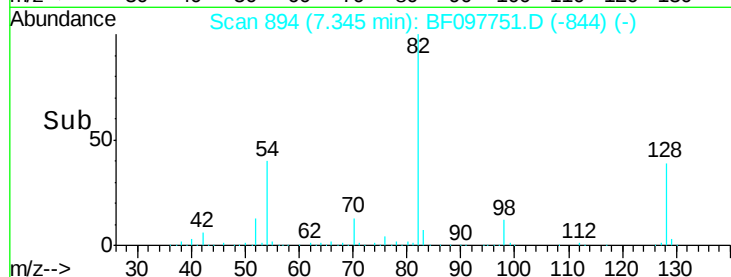
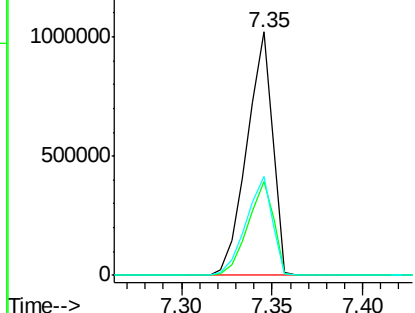
#23
 Nitrobenzene-d5
 Concen: 87.40 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF097751.D
 Acq: 16 Aug 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-J

Tot Ion: 82 Resp: 1008572
 Ion Ratio Lower Upper
 82 100
 128 38.8 34.0 51.0
 54 40.5 42.2 63.2#

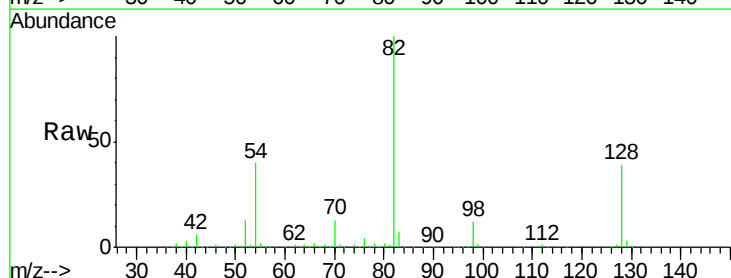


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

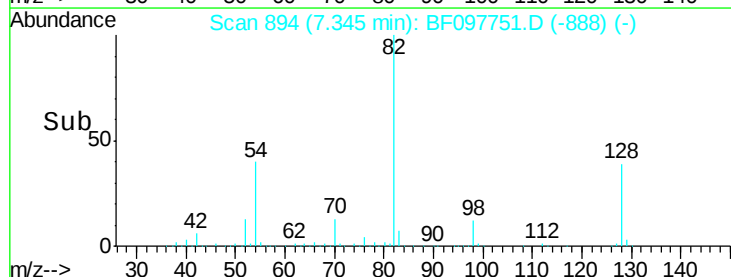
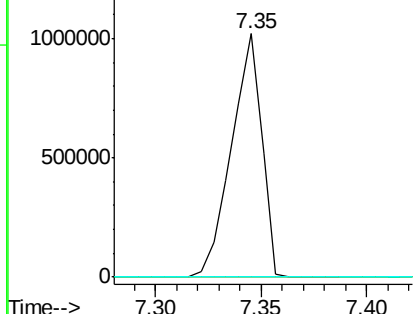


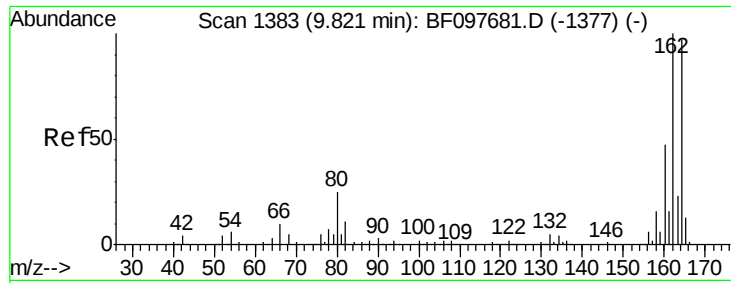
#25
 Isophorone
 Concen: 41.94 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF097751.D
 Acq: 16 Aug 2017 21:00

Tgt Ion: 82 Resp: 1006434
 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): BF0

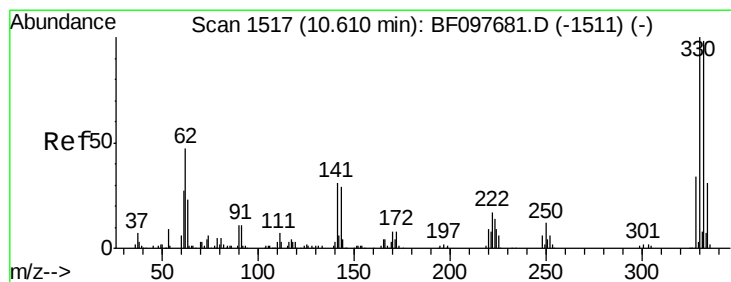
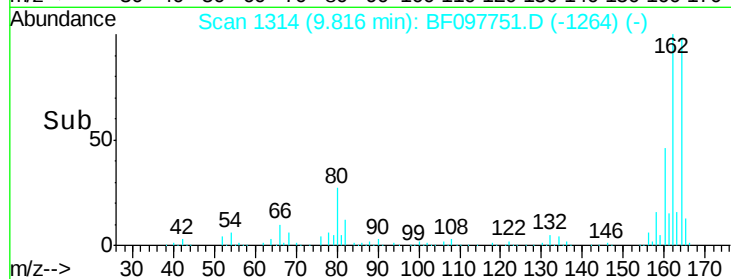
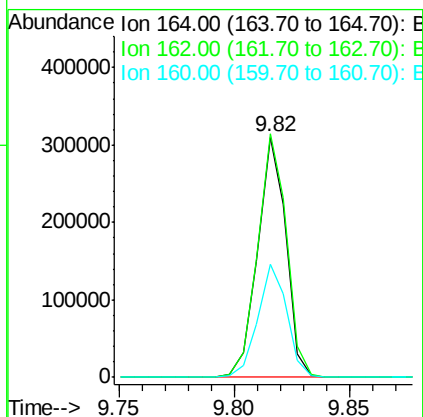
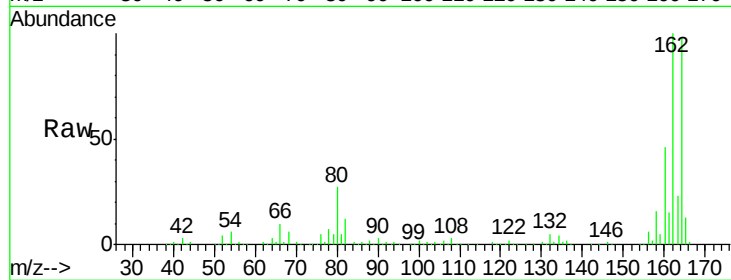




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097751.D
 Acq: 16 Aug 2017 21:00

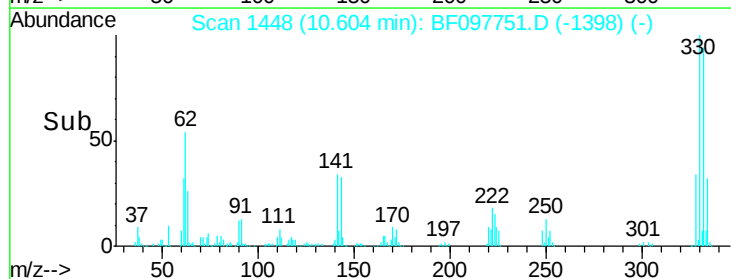
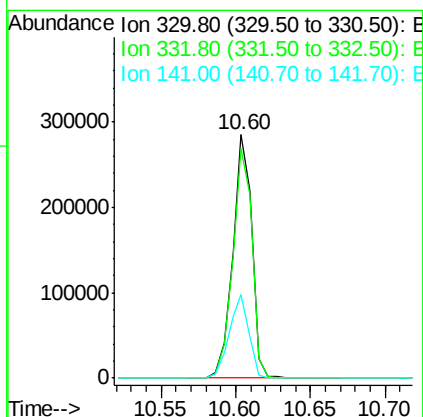
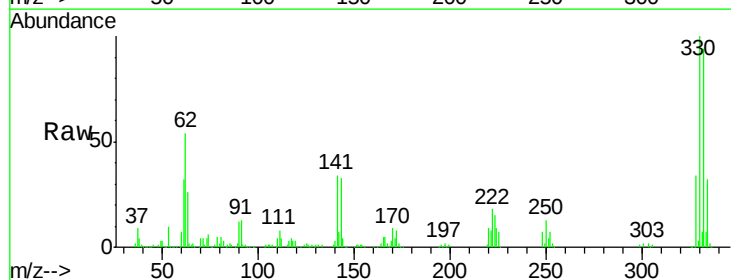
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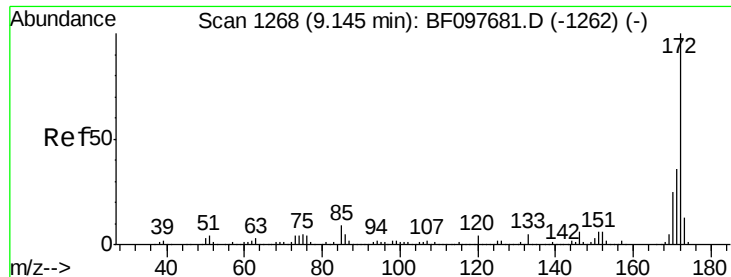
Tot Ion:164 Resp: 265252
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 47.1 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 111.86 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097751.D
 Acq: 16 Aug 2017 21:00

Tgt Ion:330 Resp: 257454
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 35.9 31.4 47.2



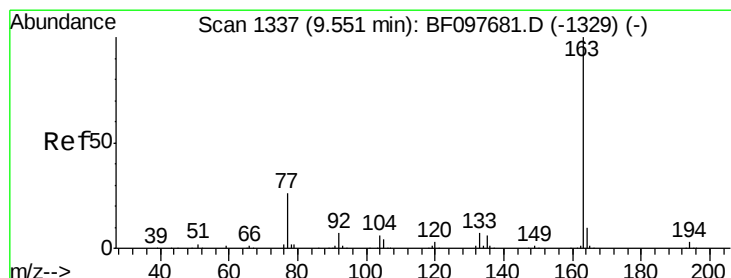
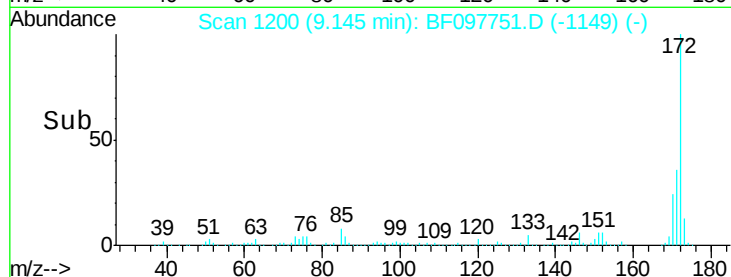
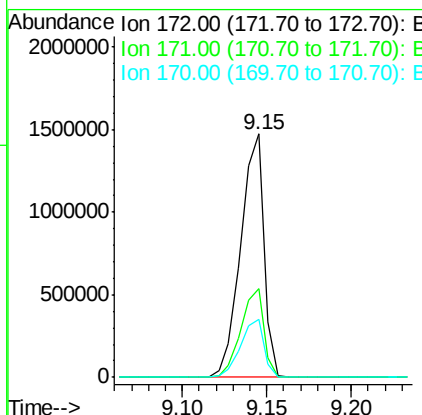
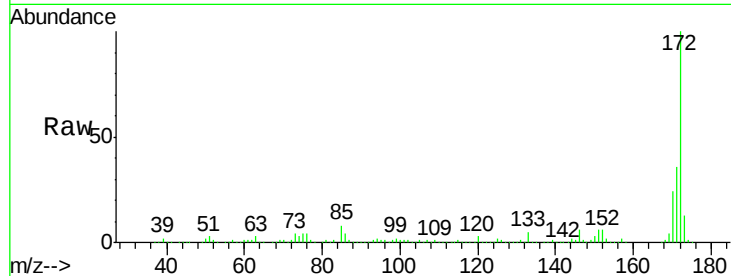


#44
 2-Fluorobiphenyl
 Concen: 78.60 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097751.D
 Acq: 16 Aug 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-106-J

Tot Ion:172 Resp: 1419028

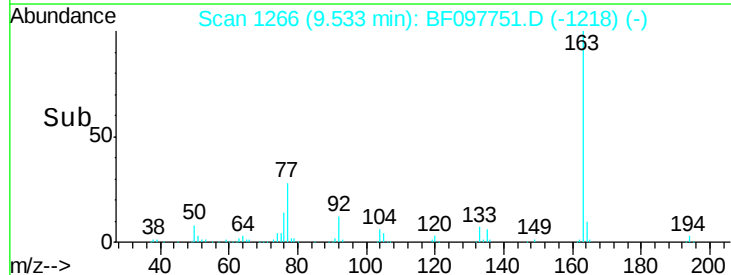
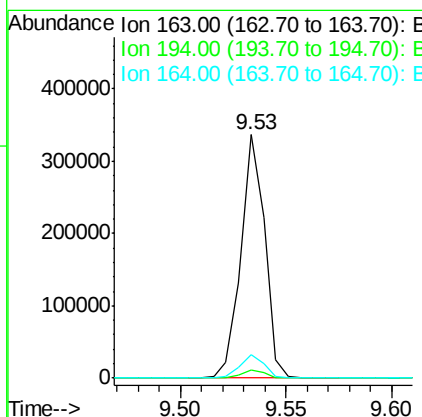
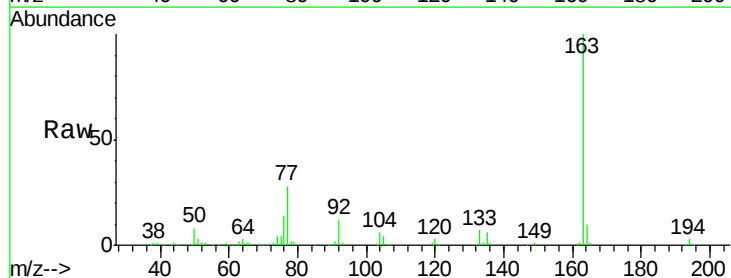
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	19.8	29.8



#49
 Dimethylphthalate
 Concen: 13.51 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF097751.D
 Acq: 16 Aug 2017 21:00

Tgt Ion:163 Resp: 261917

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6

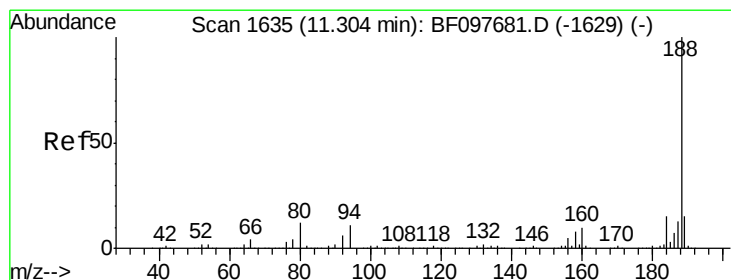
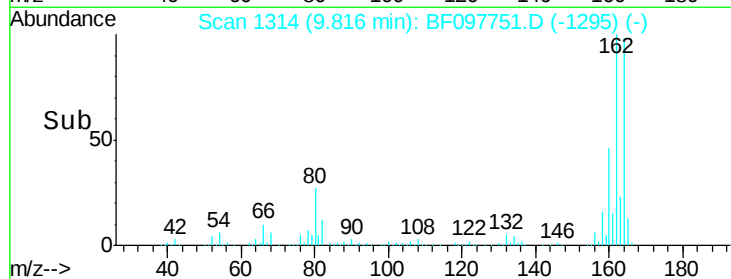
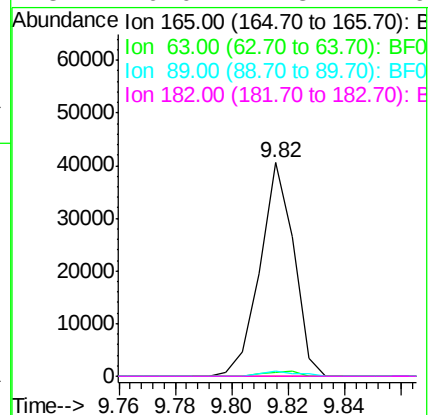
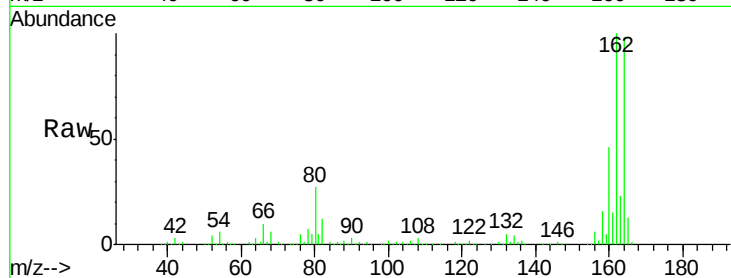




#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.19 min
 Lab File: BF097751.D
 Acq: 16 Aug 2017 21:00

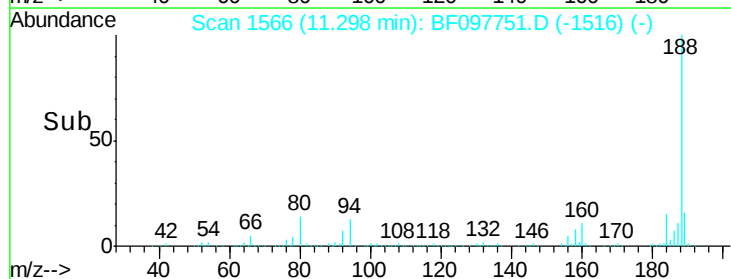
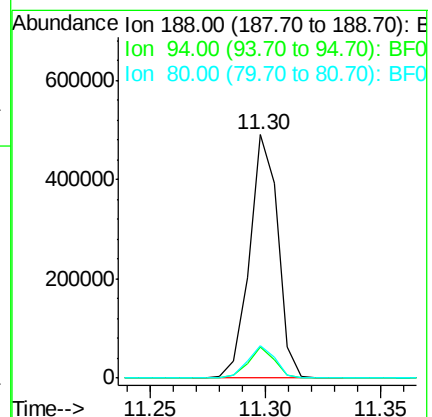
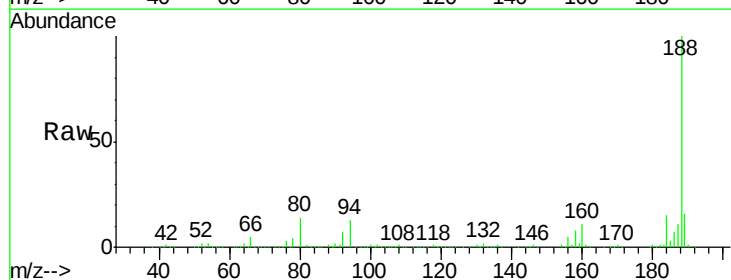
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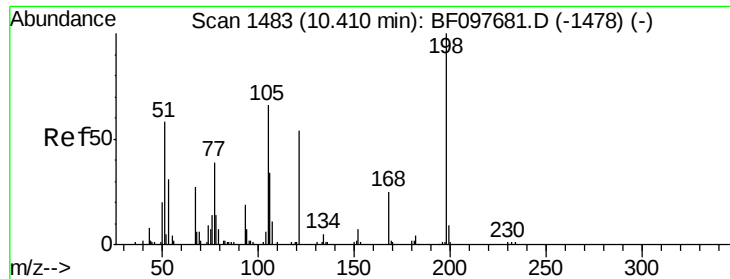
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097751.D
 Acq: 16 Aug 2017 21:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.4	14.2
80	13.5	10.2	15.2

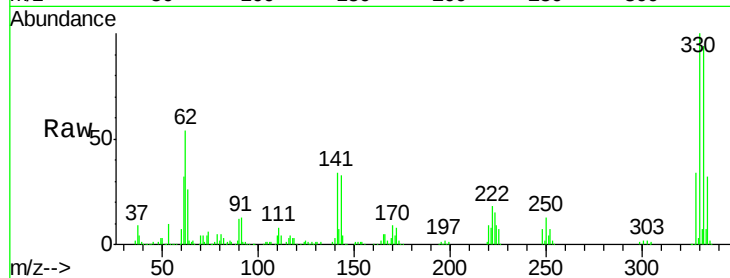




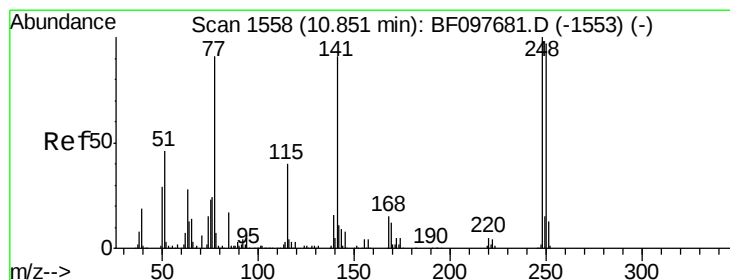
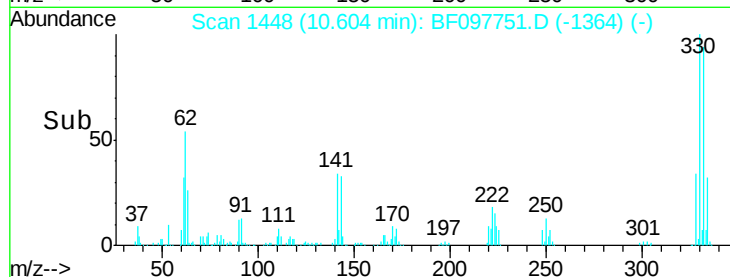
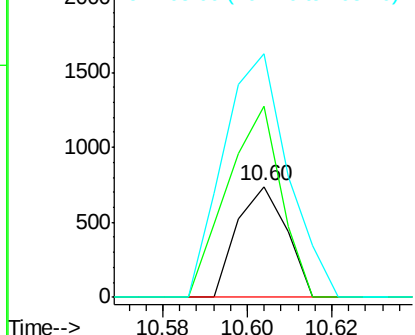
#64
4,6-Dinitro-2-methylphenol
Concen: 8.57 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.19 min
Lab File: BF097751.D
Acq: 16 Aug 2017 21:00

Instrument :
BNA_F
ClientSampleId :
TP-106-J

Tot Ion:198 Resp: 599
Ion Ratio Lower Upper
198 100
51 172.5 53.2 93.2#
105 219.9 45.8 85.8#

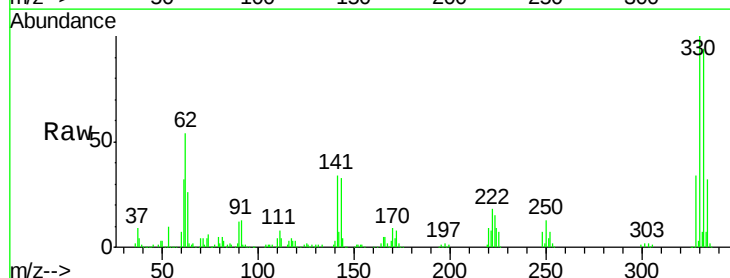


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

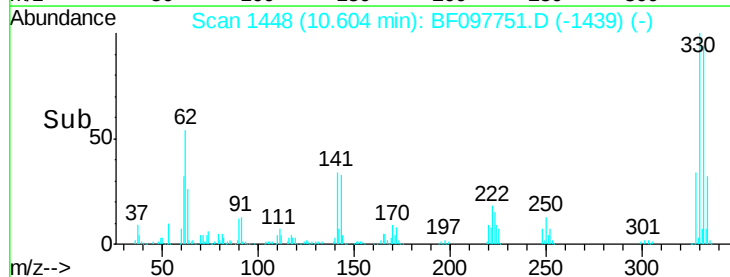
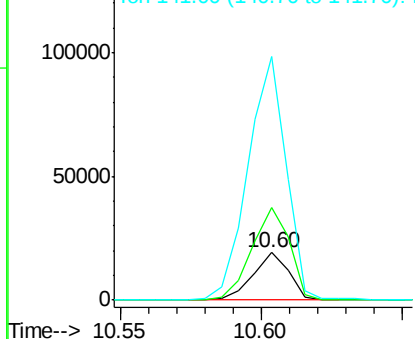


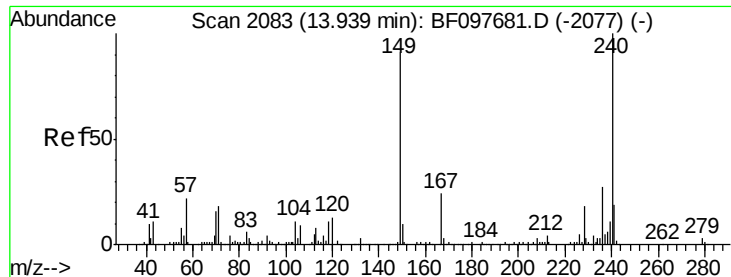
#66
4-Bromophenyl-phenylether
Concen: 3.86 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF097751.D
Acq: 16 Aug 2017 21:00

Tgt Ion:248 Resp: 16841
Ion Ratio Lower Upper
248 100
250 195.5 76.8 115.2#
141 511.7 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: BF097751.D

Acq: 16 Aug 2017 21:00

Instrument :

BNA_F

ClientSampleId :

TP-106-J

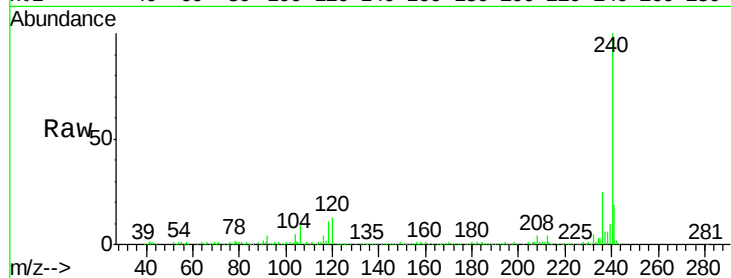
Tot Ion:240 Resp: 291448

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

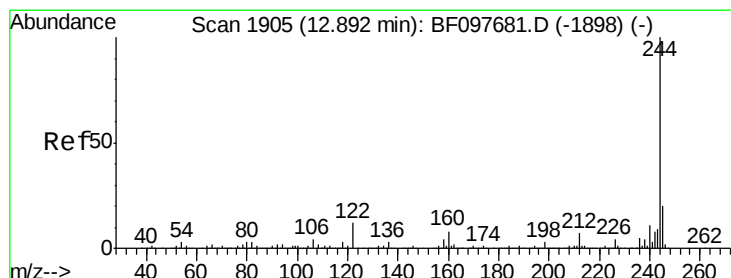
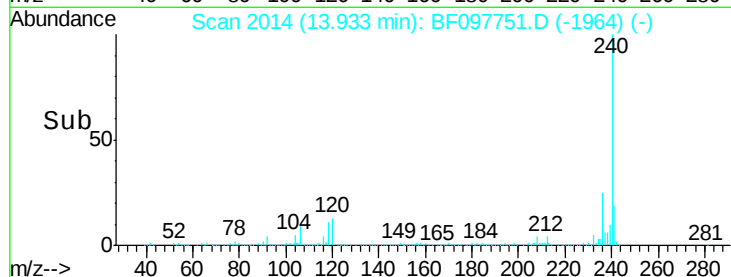
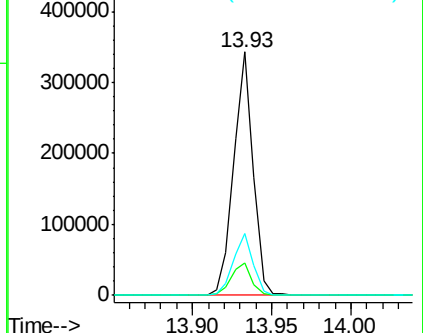
236 25.2 20.5 30.7



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: 61.87 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097751.D

Acq: 16 Aug 2017 21:00

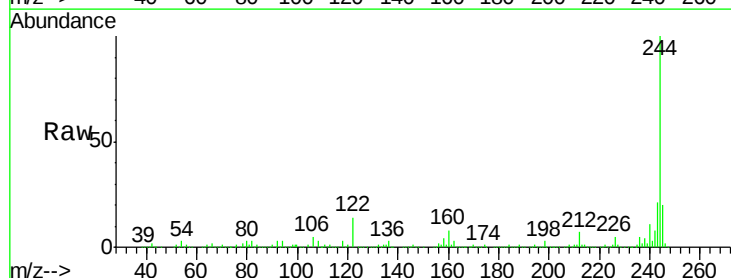
Tgt Ion:244 Resp: 864654

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

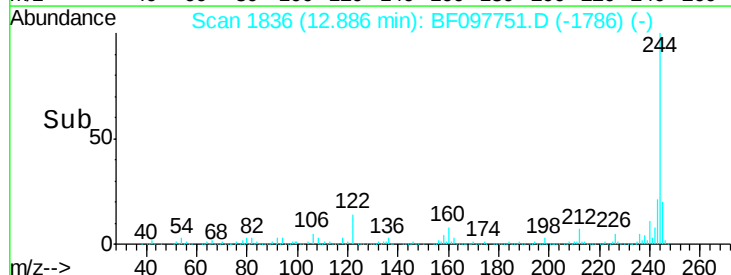
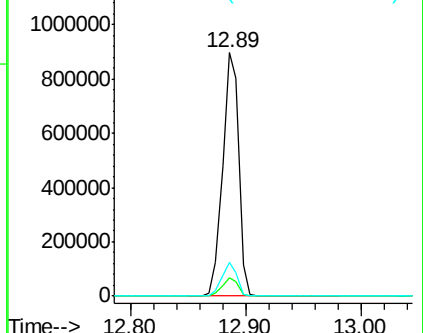
122 13.9 10.3 15.5

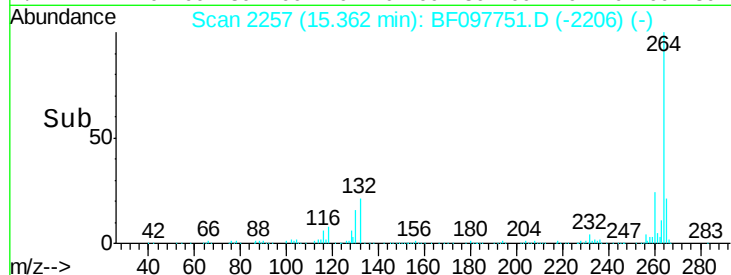
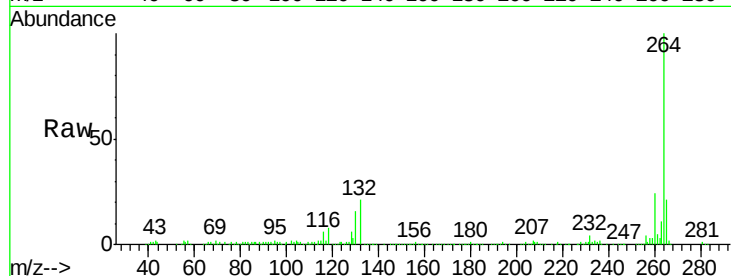
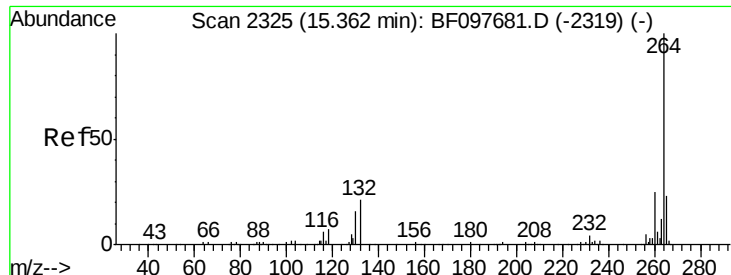


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097751.D
Acq: 16 Aug 2017 21:00

Instrument :
BNA_F
ClientSampleId :
TP-106-J

Tot Ion:264	Resp:	253975
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.5 29.3
265	20.9	17.2 25.8

