

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097212.D
 Acq On : 31 Jul 2017 17:14
 Operator : SJ/JU
 Sample : I4495-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Aug 01 00:56:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

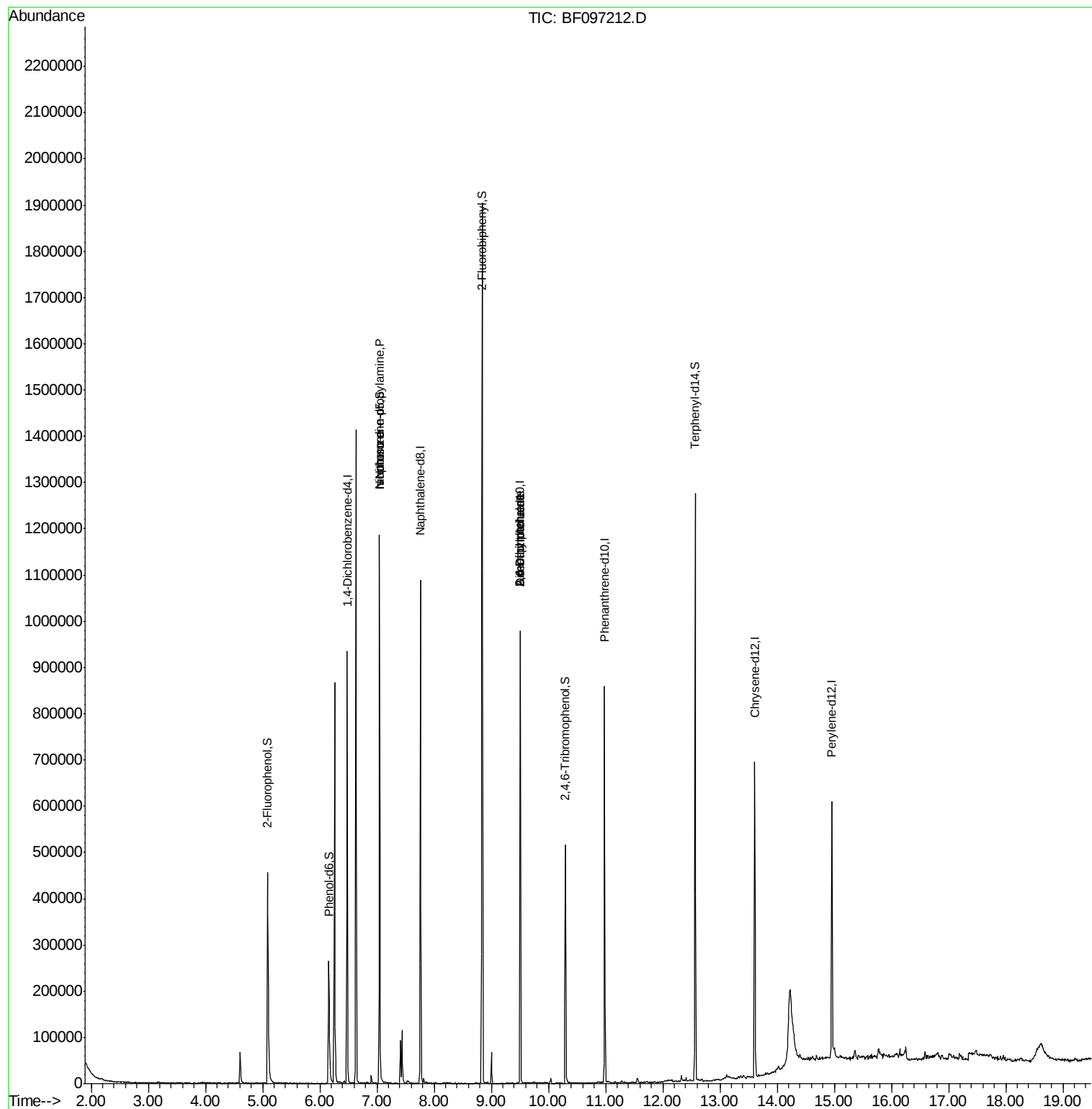
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	129795	20.00	ng	-0.02
21) Naphthalene-d8	7.76	136	482033	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	204151	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	303627	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	223493	20.00	ng	-0.02
86) Perylene-d12	14.96	264	225472	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	153839	17.87	ng	-0.01
7) Phenol-d6	6.16	99	105385	10.72	ng	-0.01
23) Nitrobenzene-d5	7.05	82	315833	38.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.30	330	56810	35.22	ng	-0.02
44) 2-Fluorobiphenyl	8.84	172	539247	44.83	ng	-0.03
78) Terphenyl-d14	12.57	244	371641	33.90	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	40953	6.33	ng	# 88
25) Isophorone	7.05	82	311153	19.34	ng	# 67
49) Dimethylphthalate	9.51	163	61385	3.96	ng	# 1
50) 2,6-Dinitrotoluene	9.50	165	26022	7.91	ng	# 34
56) 2,4-Dinitrotoluene	9.50	165	26022	6.88	ng	# 34

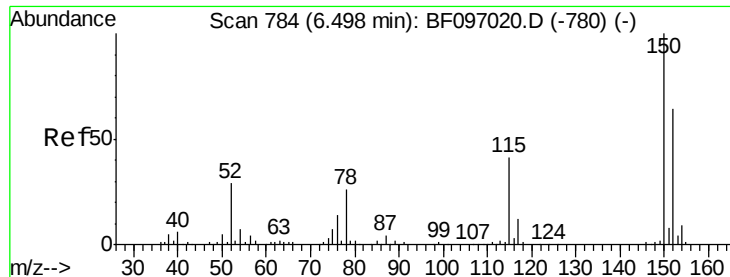
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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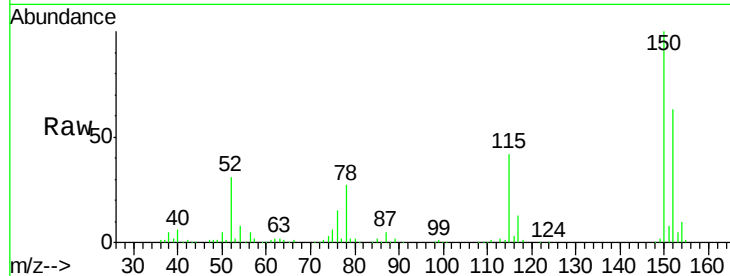


#1

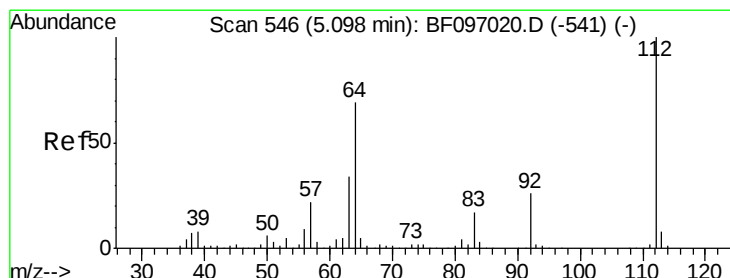
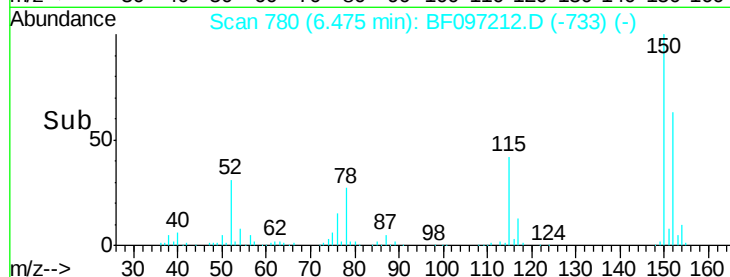
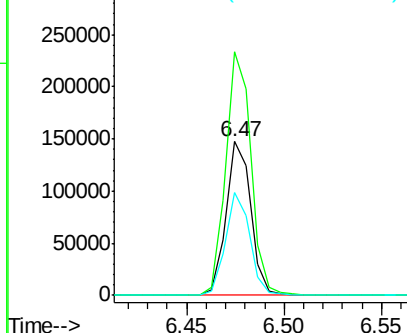
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF097212.D
Acq: 31 Jul 2017 17:14

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 129795
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 66.9 52.2 78.2



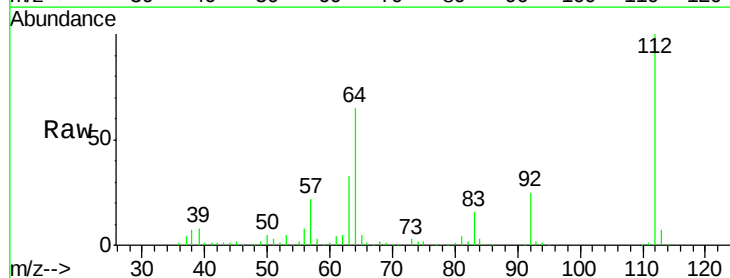
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



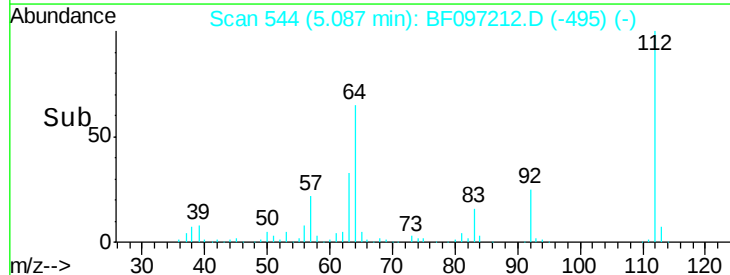
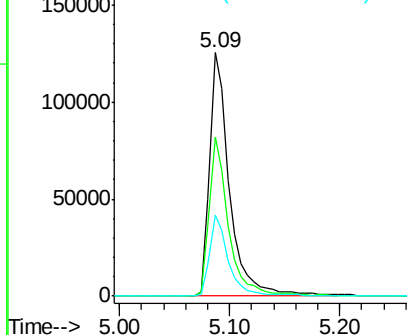
#5

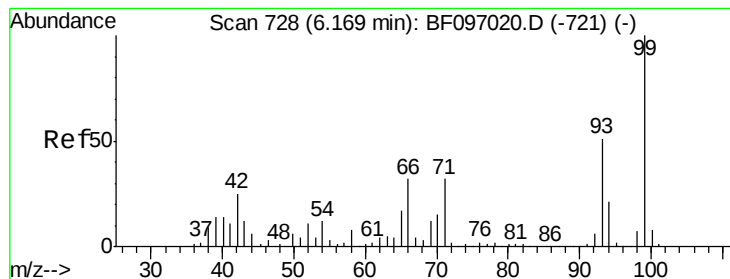
2-Fluorophenol
Concen: 17.87 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097212.D
Acq: 31 Jul 2017 17:14

Tgt Ion:112 Resp: 153839
Ion Ratio Lower Upper
112 100
64 65.2 46.0 69.0
63 33.2 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: 10.72 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

Instrument :

BNA_F

ClientSampleId :

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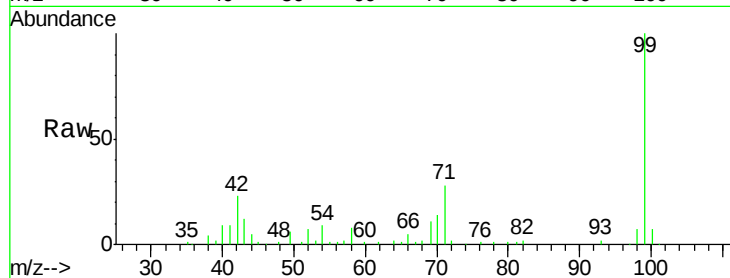
Tot Ion: 99 Resp: 105385

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

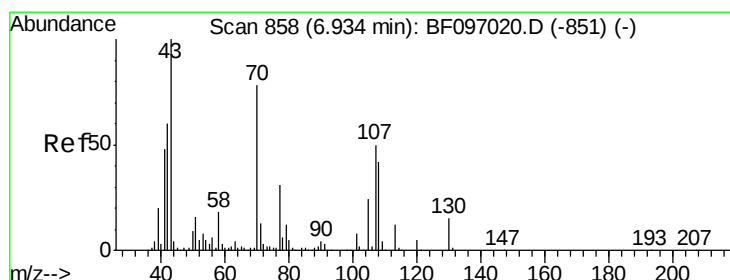
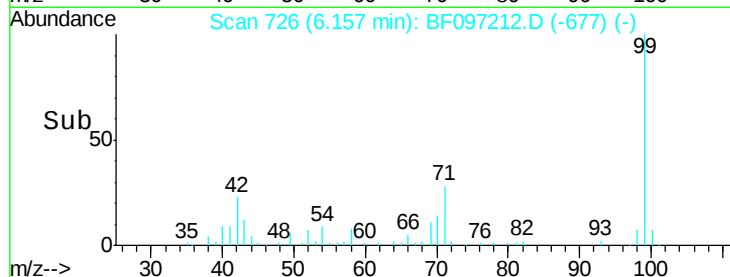
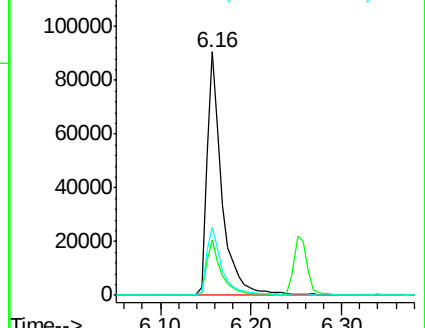
71 28.0 24.5 36.7



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: 6.33 ng

RT: 7.05 min Scan# 877

Delta R.T. 0.11 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

Tgt Ion: 70 Resp: 40953

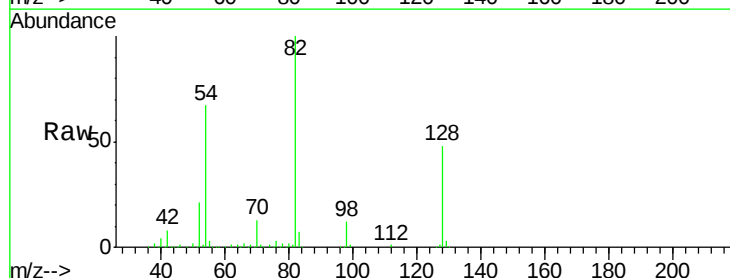
Ion Ratio Lower Upper

70 100

42 59.8 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

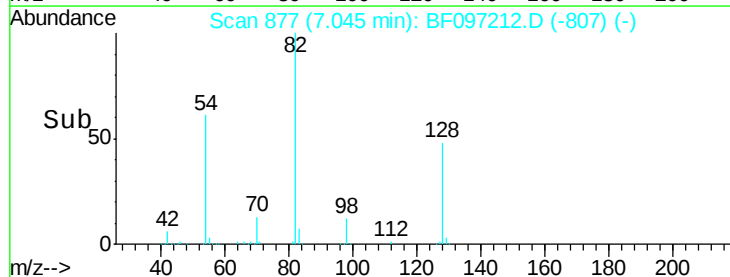
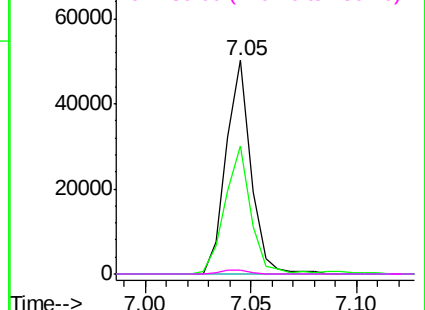


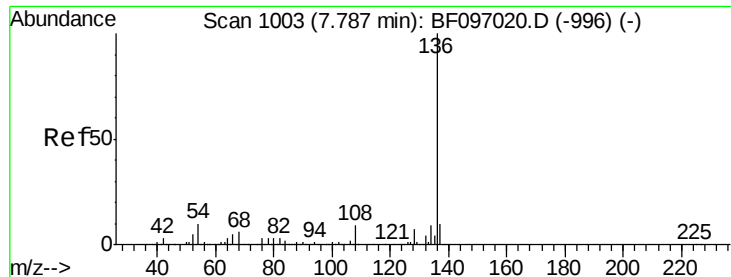
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 7.76 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:136 Resp: 482033

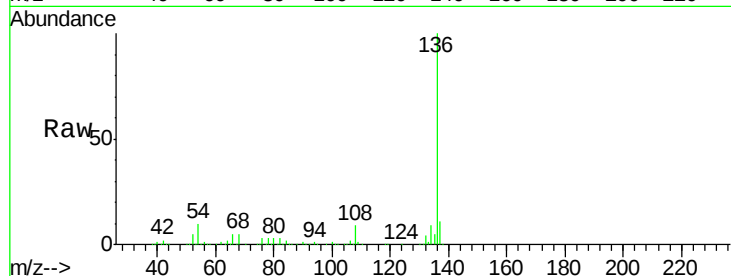
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.7 4.9 7.3#

68 5.1 4.1 6.1

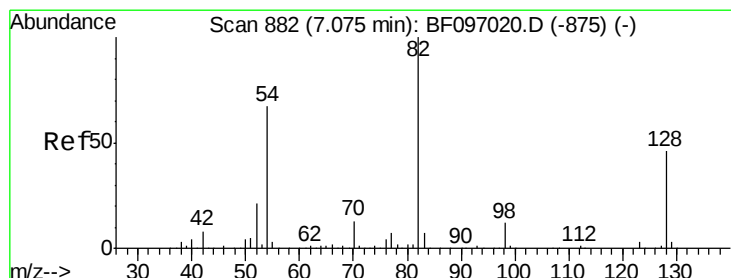
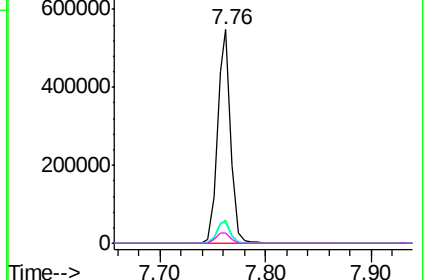
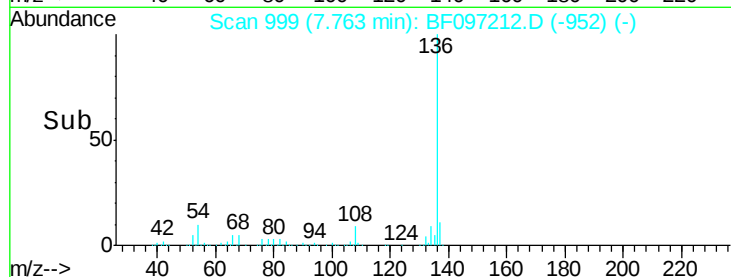


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 38.44 ng

RT: 7.05 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

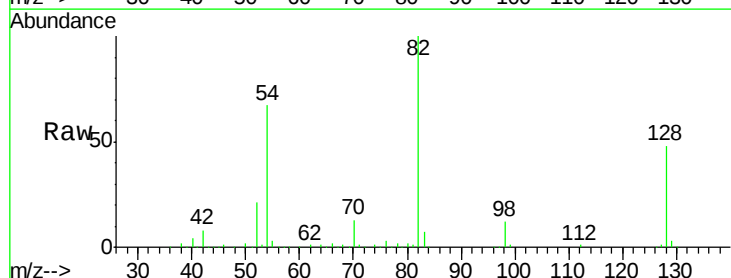
Tgt Ion: 82 Resp: 315833

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

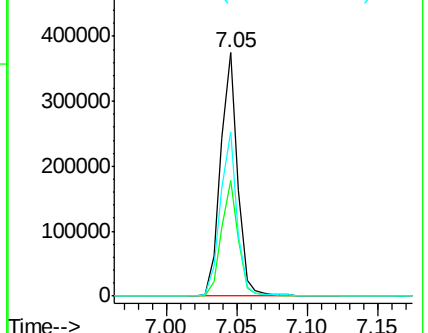
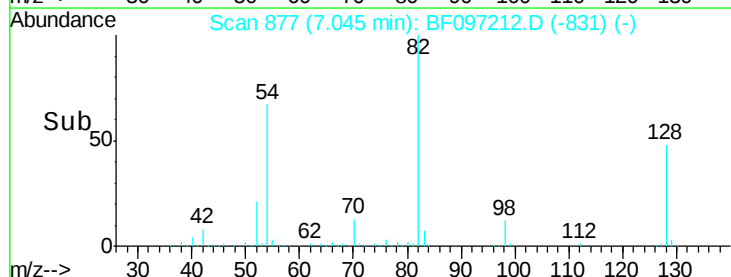
54 67.2 42.2 63.2#

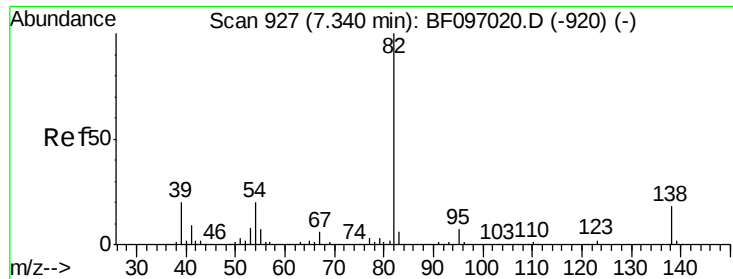


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 19.34 ng

RT: 7.05 min Scan# 877

Delta R.T. -0.29 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

Instrument :

BNA_F

ClientSampleId :

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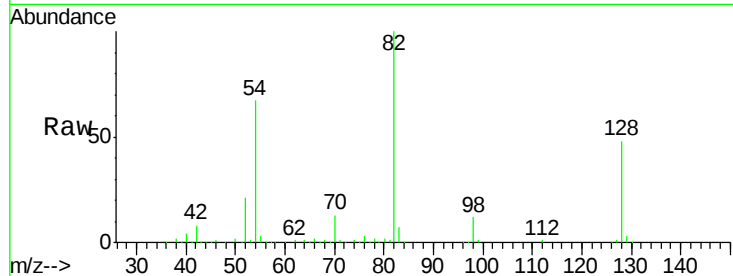
Tot Ion: 82 Resp: 311153

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

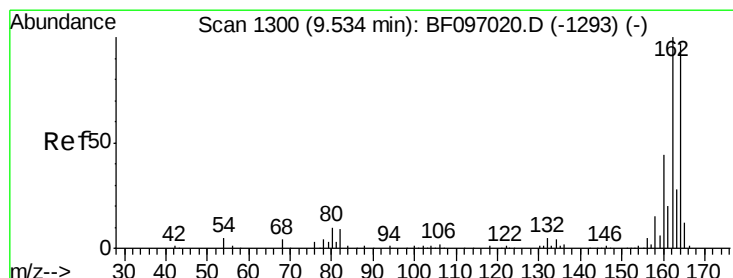
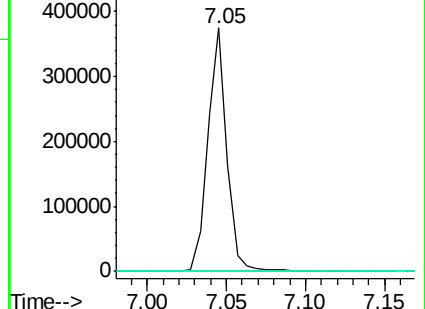
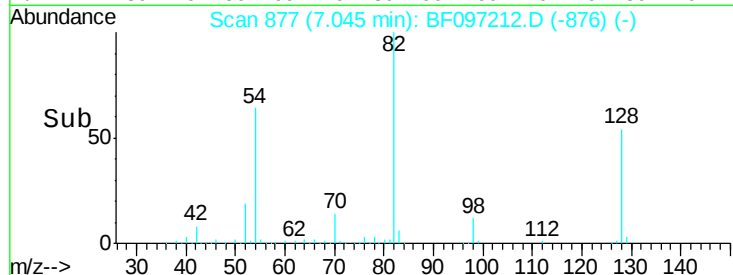
138 0.0 13.1 19.7#



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: 9.50 min Scan# 1295

Delta R.T. -0.03 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

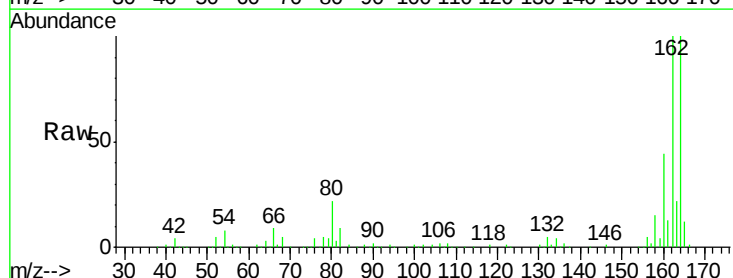
Tgt Ion: 164 Resp: 204151

Ion Ratio Lower Upper

164 100

162 99.8 82.6 123.8

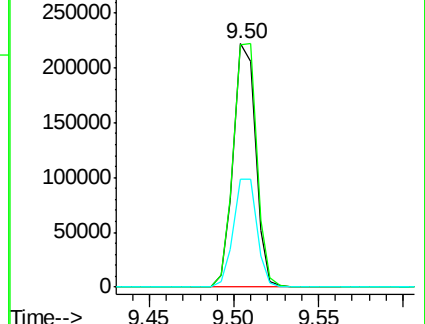
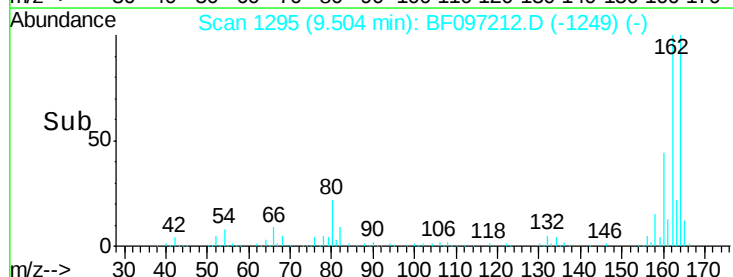
160 44.3 36.2 54.2

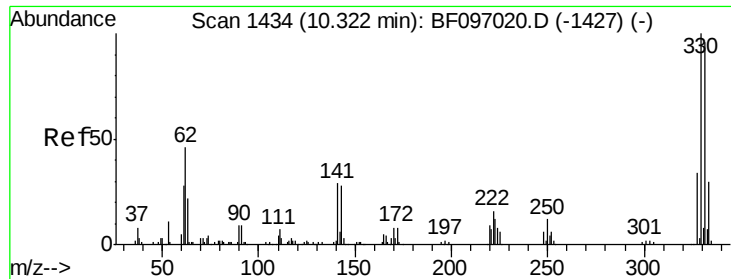


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

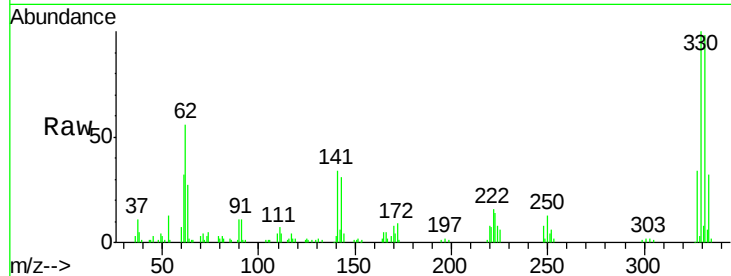




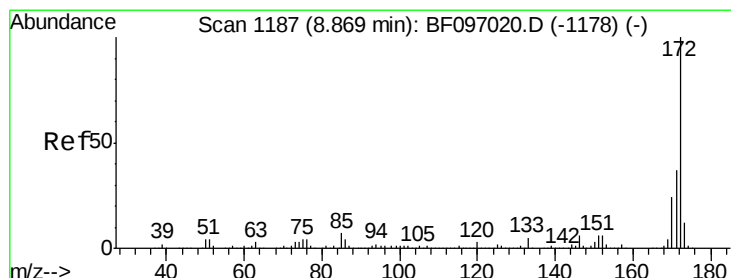
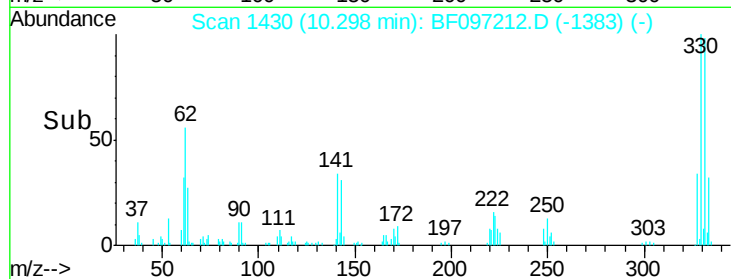
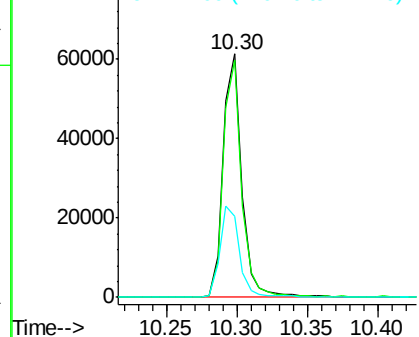
#41
 2,4,6-Tribromophenol
 Concen: 35.22 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097212.D
 Acq: 31 Jul 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 56810
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 39.0 31.4 47.2

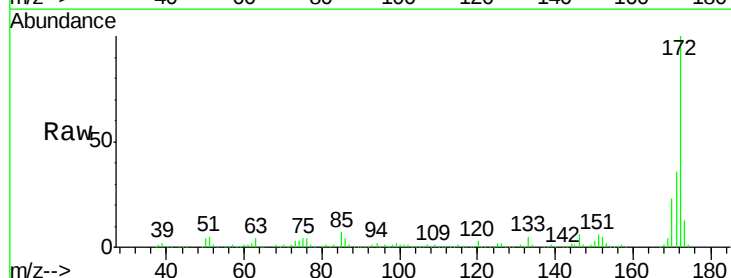


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

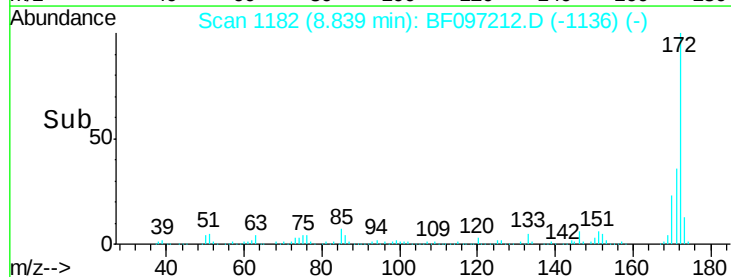
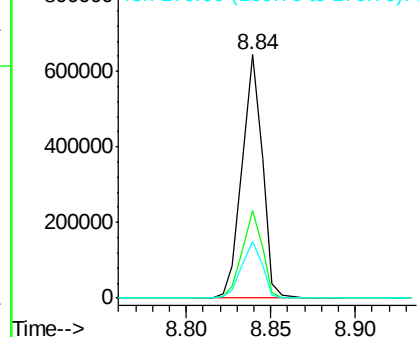


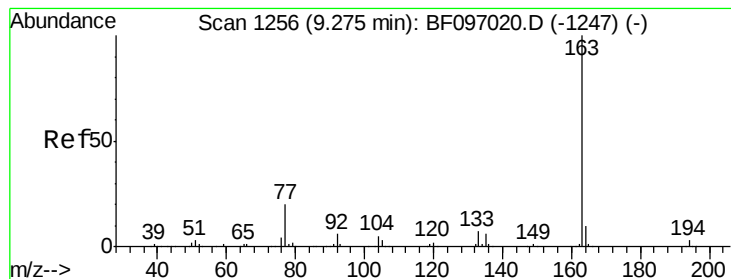
#44
 2-Fluorobiphenyl
 Concen: 44.83 ng
 RT: 8.84 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF097212.D
 Acq: 31 Jul 2017 17:14

Tgt Ion:172 Resp: 539247
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.5 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: 3.96 ng

RT: 9.51 min Scan# 1296

Delta R.T. 0.24 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

Instrument :

BNA_F

ClientSampleId :

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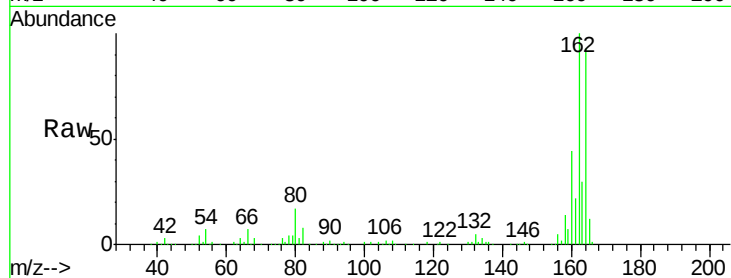
Tot Ion:163 Resp: 61385

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

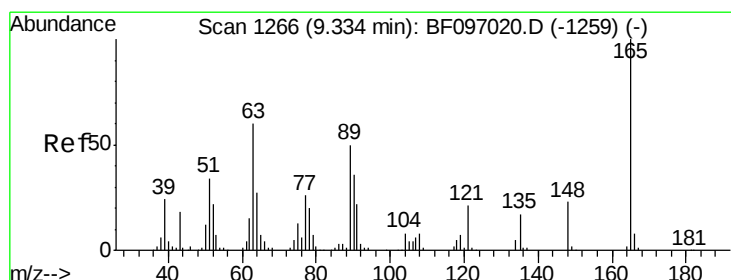
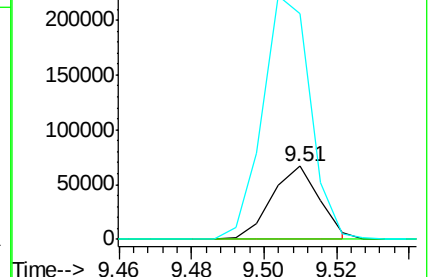
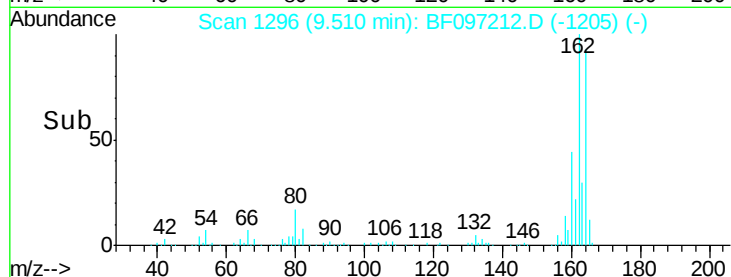
164 308.6 8.4 12.6#



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: 7.91 ng

RT: 9.50 min Scan# 1295

Delta R.T. 0.17 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

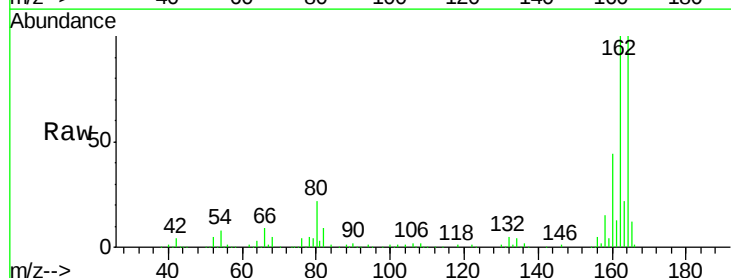
Tgt Ion:165 Resp: 26022

Ion Ratio Lower Upper

165 100

63 1.4 34.3 51.5#

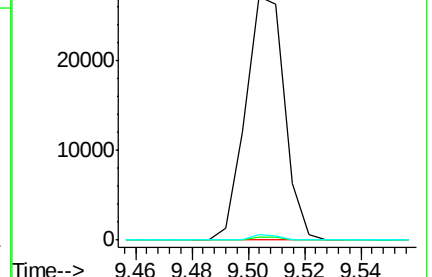
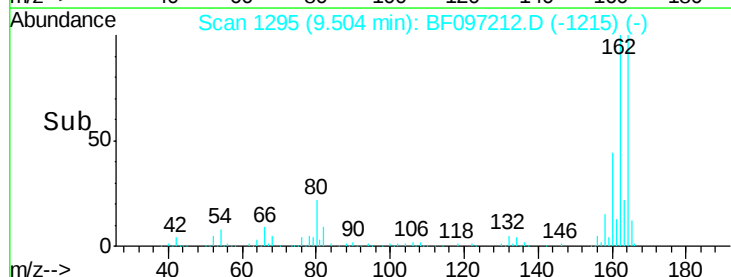
89 2.3 37.1 55.7#



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

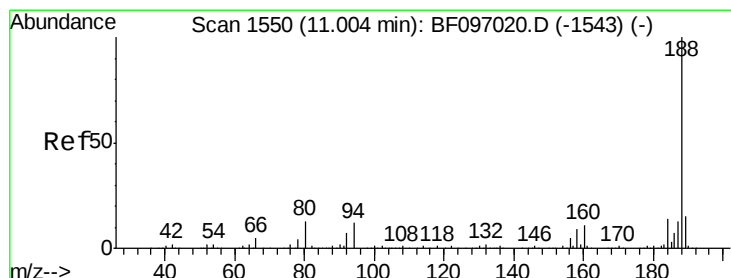
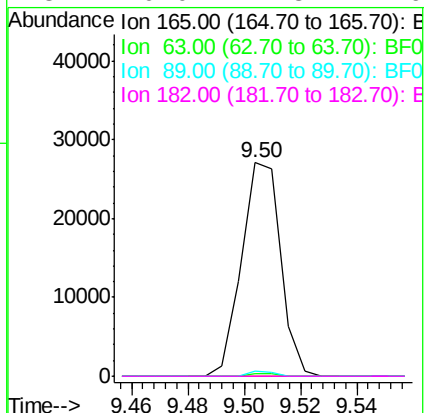
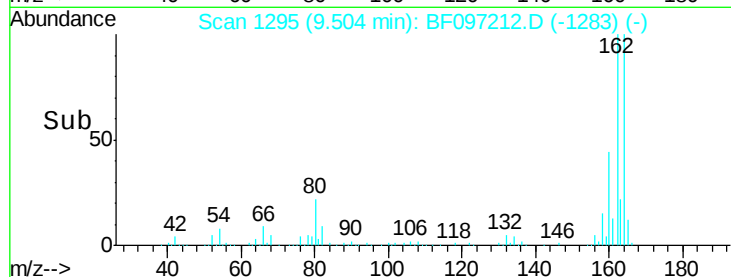
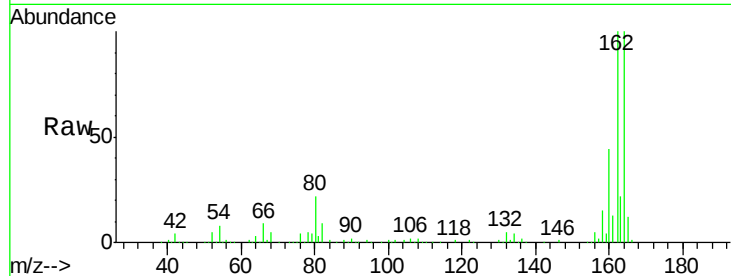




#56
 2,4-Dinitrotoluene
 Concen: 6.88 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.23 min
 Lab File: BF097212.D
 Acq: 31 Jul 2017 17:14

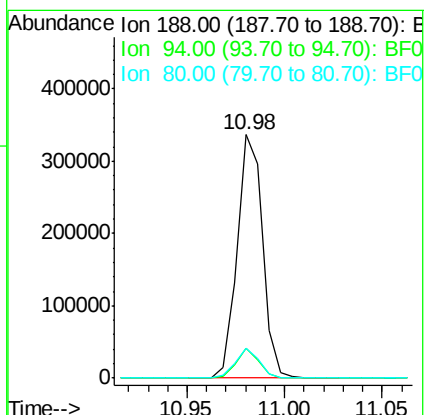
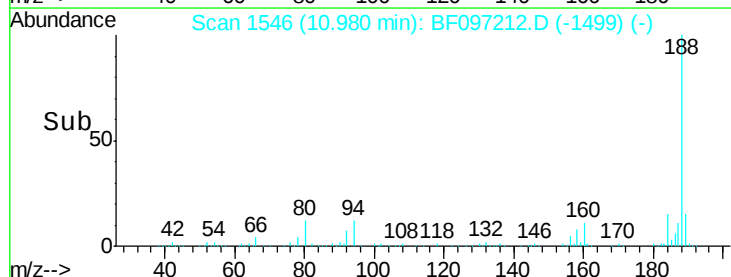
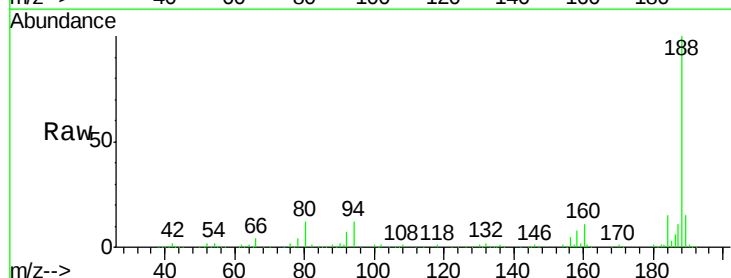
Instrument :
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 ClientSampleId :
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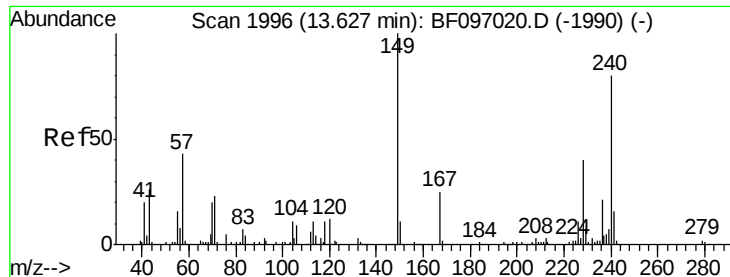
Tot Ion:165 Resp: 26022
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 2.3 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF097212.D
 Acq: 31 Jul 2017 17:14

Tgt Ion:188 Resp: 303627
 Ion Ratio Lower Upper
 188 100
 94 12.3 9.4 14.2
 80 12.1 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

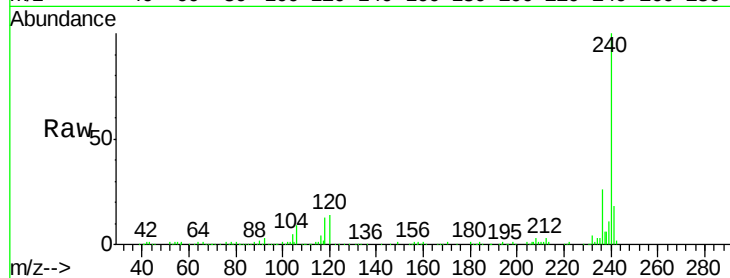
Tot Ion:240 Resp: 223493

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

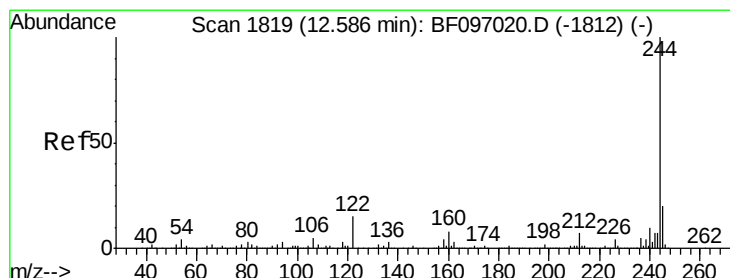
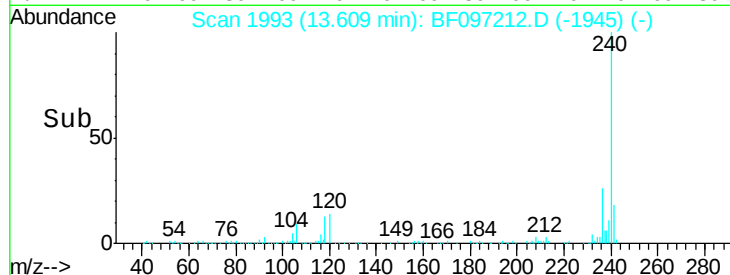
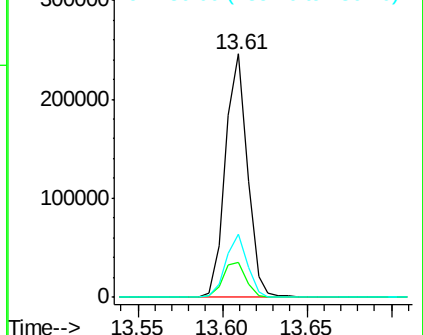
236 26.1 20.5 30.7



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: 33.90 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097212.D

Acq: 31 Jul 2017 17:14

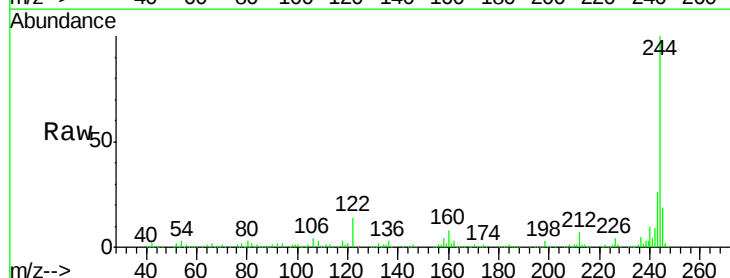
Tgt Ion:244 Resp: 371641

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

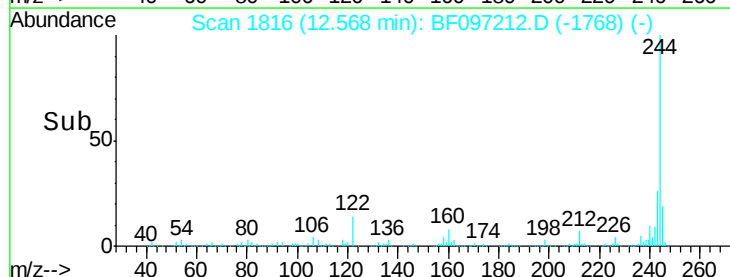
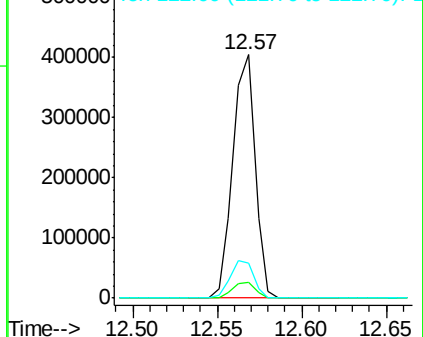
122 14.4 10.3 15.5

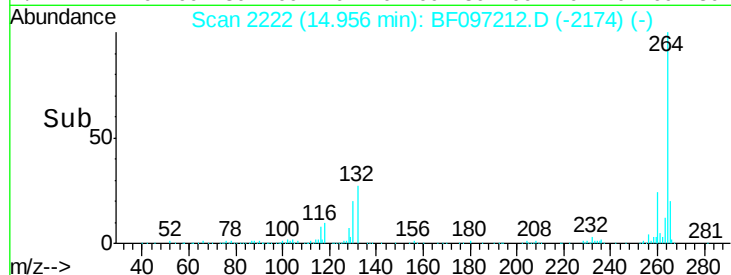
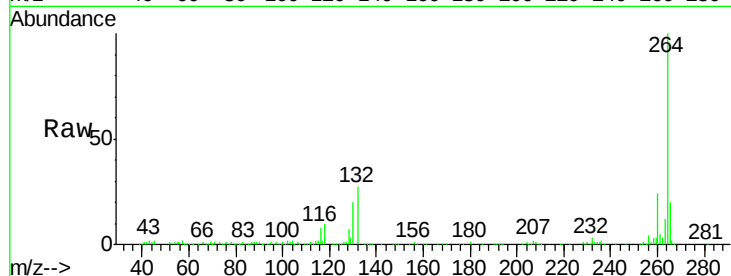
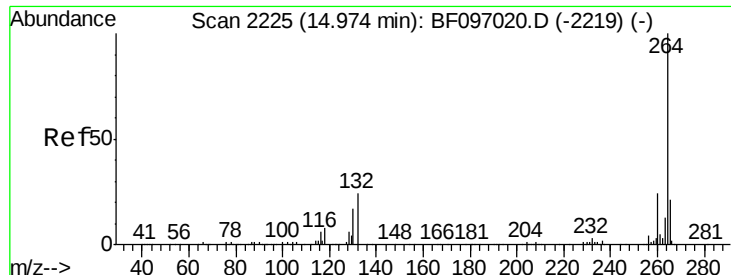


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF097212.D
Acq: 31 Jul 2017 17:14

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tot Ion:	264	Resp:	225472
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	20.2	17.2	25.8

