

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097967.D
 Acq On : 22 Aug 2017 21:34
 Operator : SJ/JU
 Sample : I4900-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-1-STONE

Quant Time: Aug 23 01:06:43 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

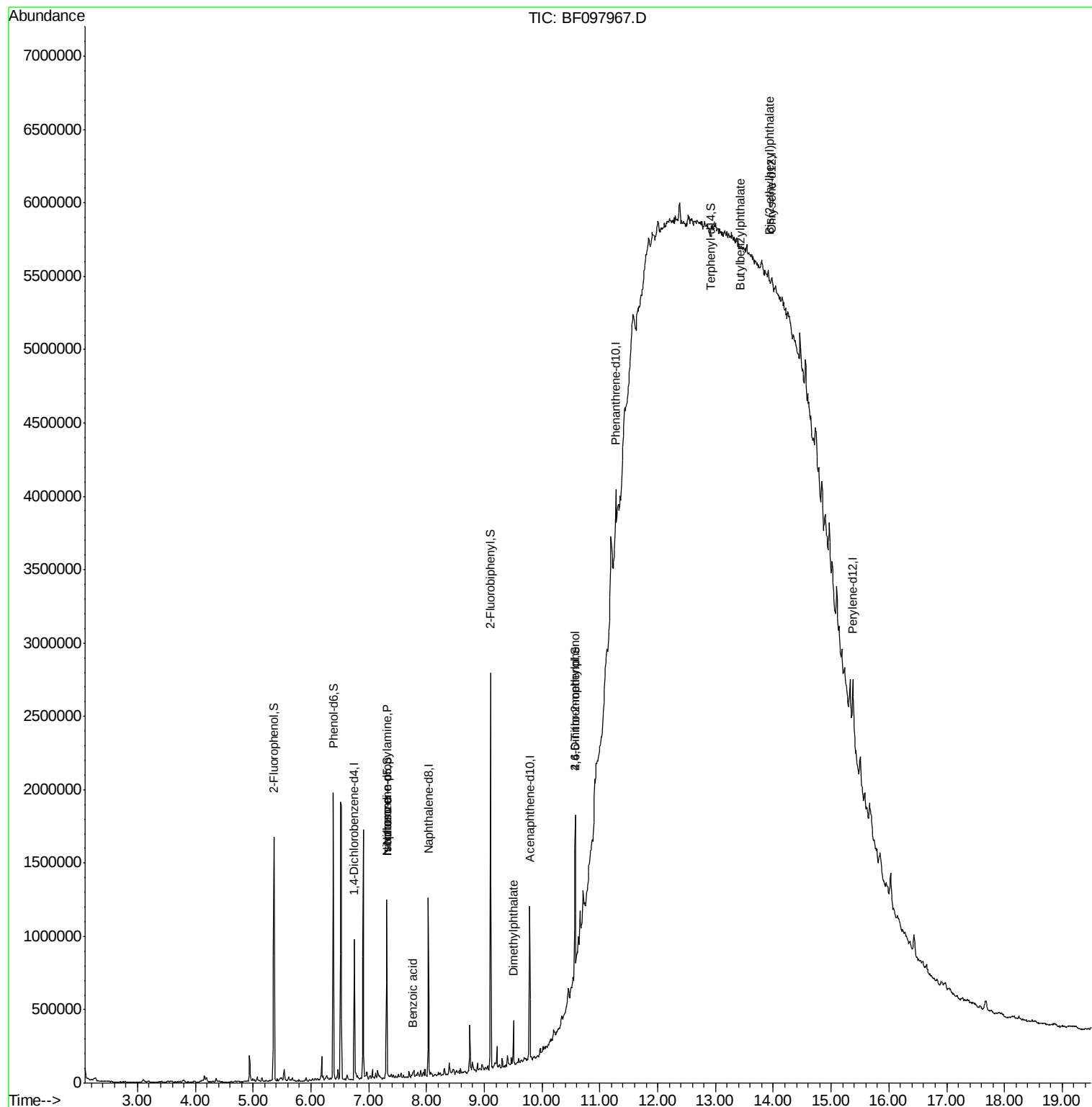
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	122237	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	459892	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	178417	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	227309	20.00	ng	0.01
75) Chrysene-d12	13.97	240	116010	20.00	ng	0.07
86) Perylene-d12	15.37	264	197150	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	487797	60.70	ng	0.01
7) Phenol-d6	6.39	99	695519	63.70	ng	0.00
23) Nitrobenzene-d5	7.31	82	394775	46.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	128603	83.07	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	758205	62.44	ng	0.00
78) Terphenyl-d14	12.92	244	177640	31.93	ng	0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	56924	7.62	ng	# 71
25) Isophorone	7.31	82	389025	22.10	ng	# 67
32) Benzoic acid	7.76	122	6953	7.53	ng	91
49) Dimethylphthalate	9.50	163	72811	5.58	ng	98
64) 4,6-Dinitro-2-methylphenol	10.57	198	279	8.54	ng	# 1
79) Butylbenzylphthalate	13.43	149	10241	2.82	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.94	149	27139	6.73	ng	# 84

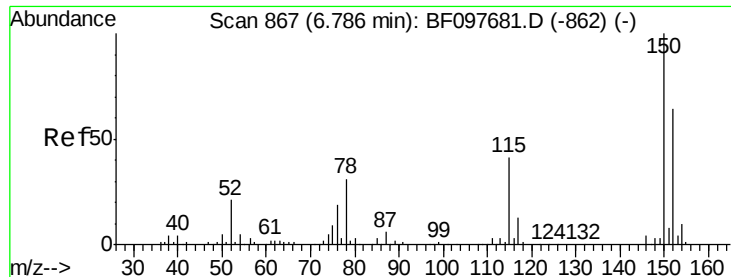
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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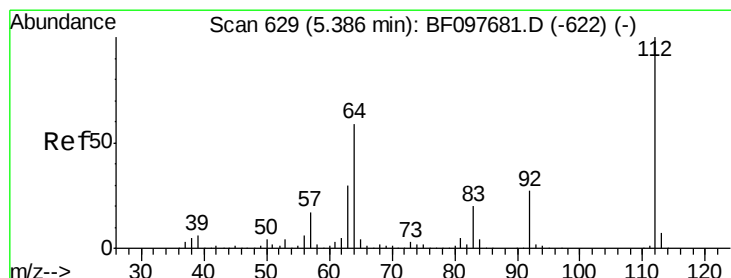
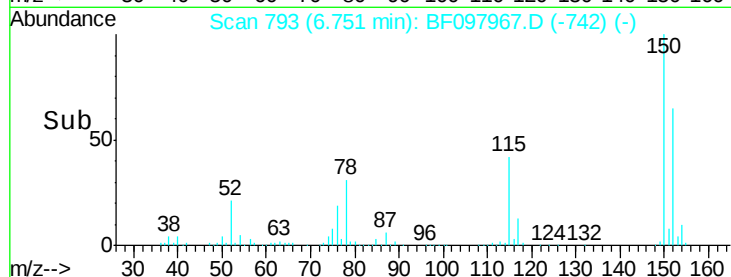
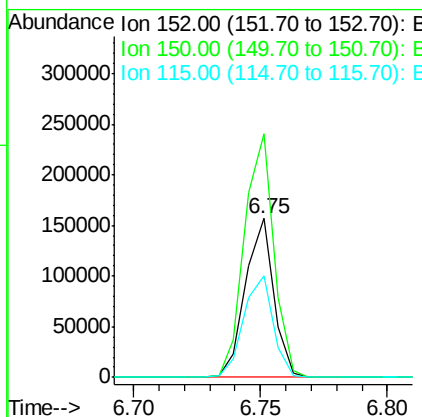
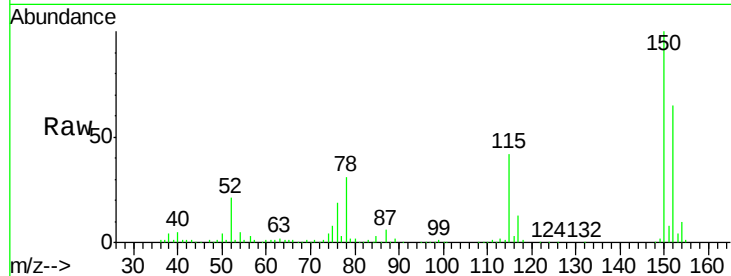


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097967.D
Acq: 22 Aug 2017 21:34

Instrument :
BNA_F
ClientSampleId :
220-1-STONE

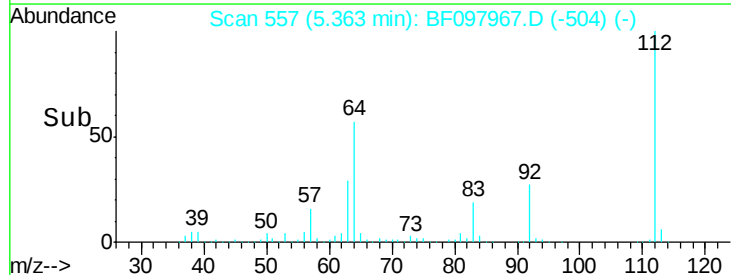
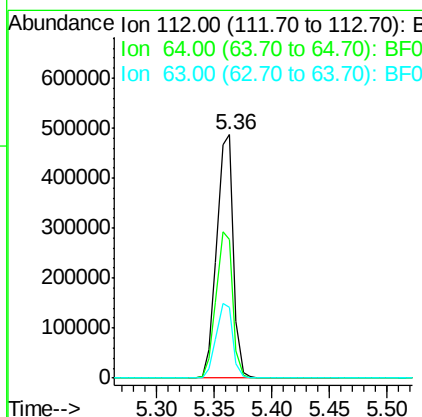
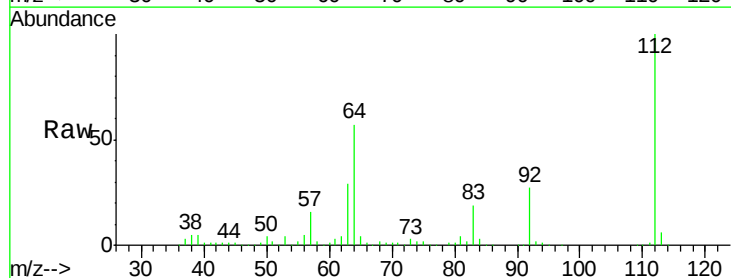
Tot Ion:152 Resp: 122237
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 64.1 52.2 78.2

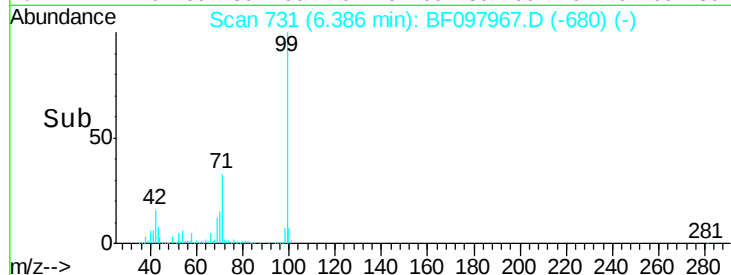
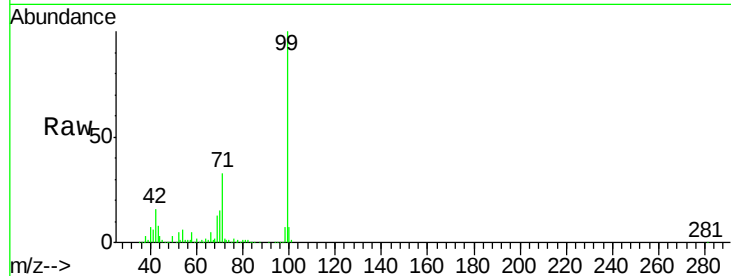
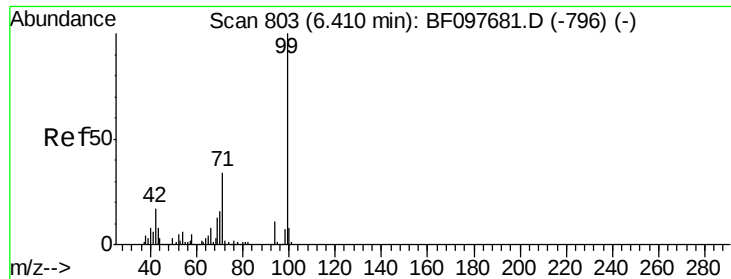


#5

2-Fluorophenol
Concen: 60.70 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097967.D
Acq: 22 Aug 2017 21:34

Tgt Ion:112 Resp: 487797
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 29.1 23.4 35.0





#7

Phenol-d6

Concen: 63.70 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

Instrument :

BNA_F

ClientSampleId :

220-1-STONE

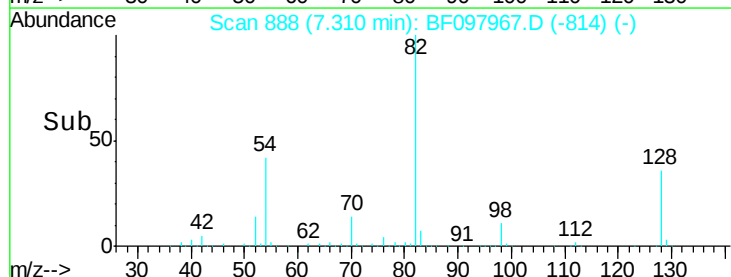
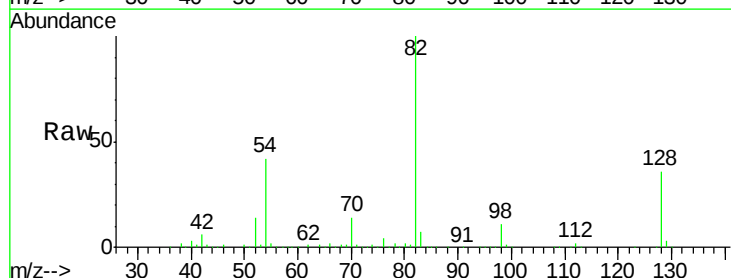
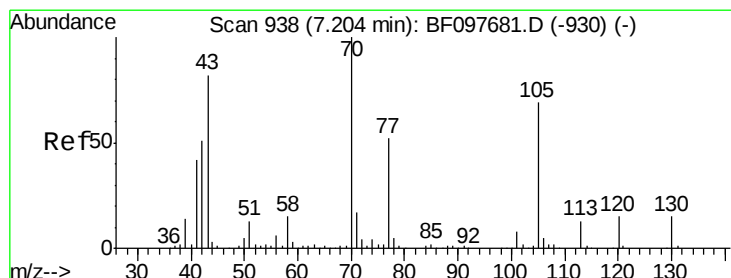
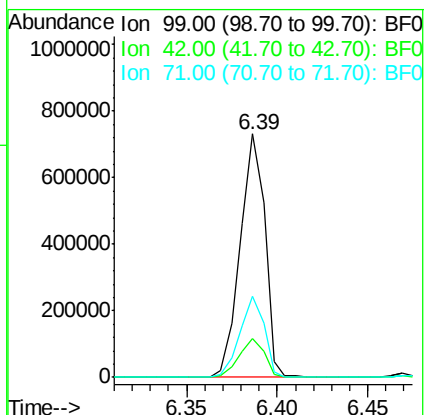
Tot Ion: 99 Resp: 695519

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 33.3 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 7.62 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

Tgt Ion: 70 Resp: 56924

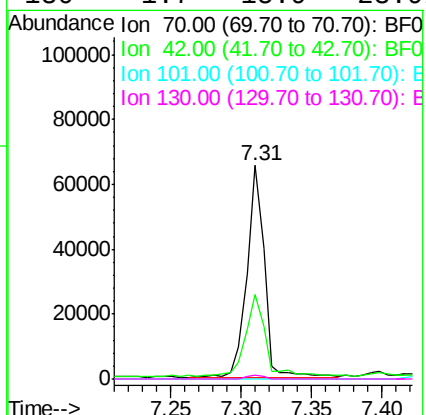
Ion Ratio Lower Upper

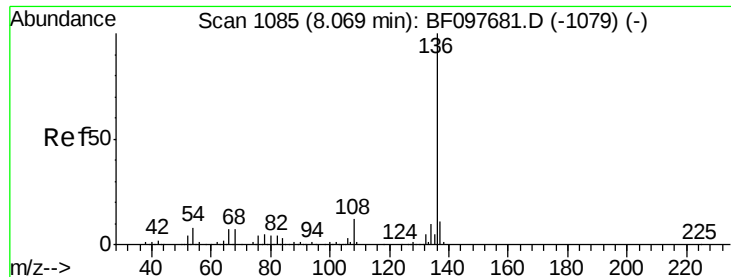
70 100

42 39.6 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

Instrument :

BNA_F

ClientSampleId :

220-1-STONE

Tot Ion:136 Resp: 459892

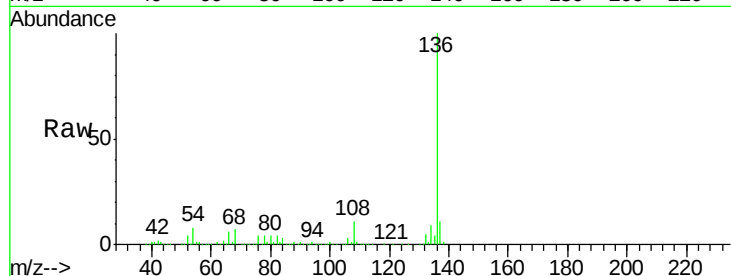
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.8 4.9 7.3#

68 7.2 4.1 6.1#

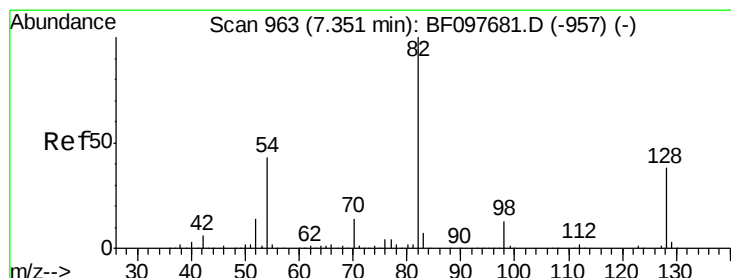
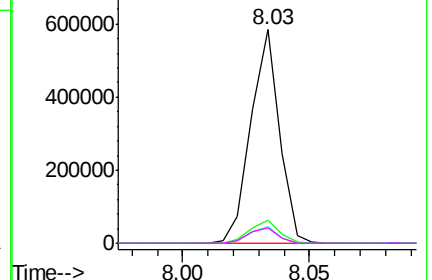
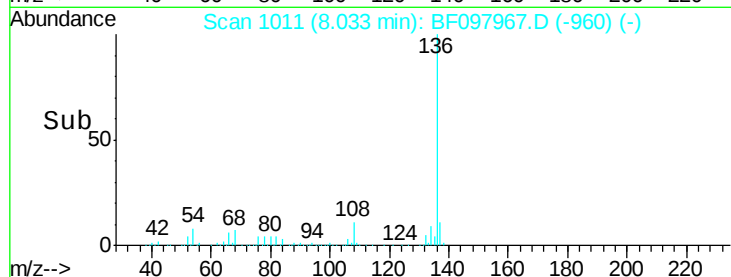


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.63 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

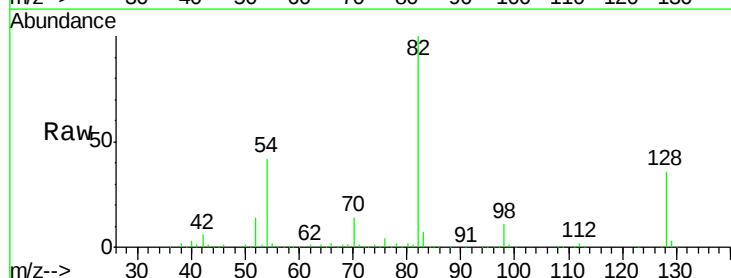
Tgt Ion: 82 Resp: 394775

Ion Ratio Lower Upper

82 100

128 36.4 34.0 51.0

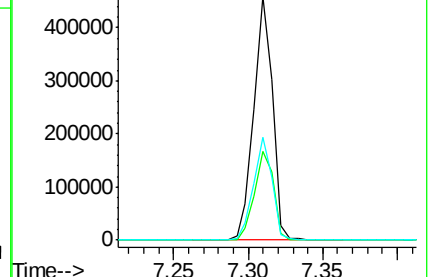
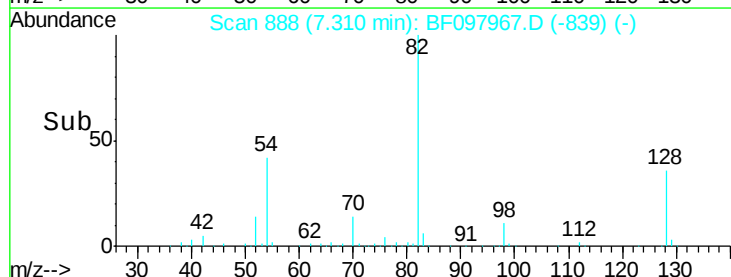
54 42.3 42.2 63.2

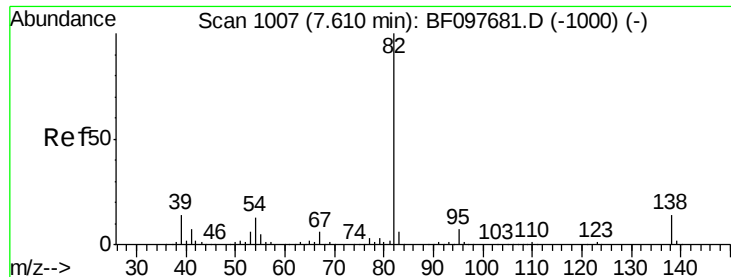


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 22.10 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

Instrument :

BNA_F

ClientSampleId :

220-1-STONE

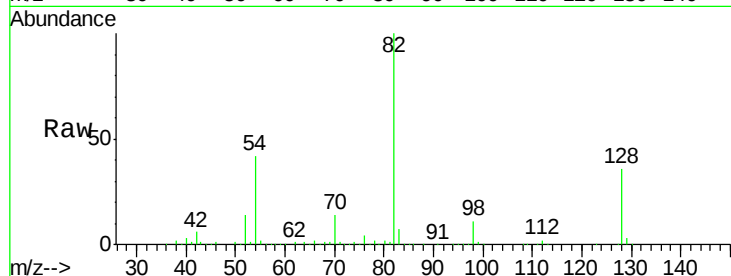
Tot Ion: 82 Resp: 389025

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

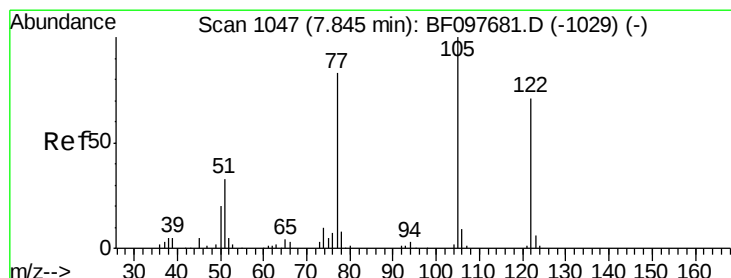
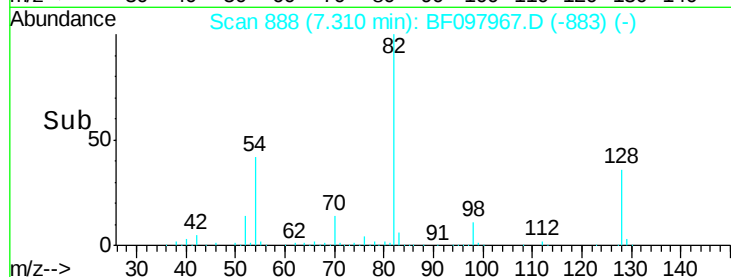
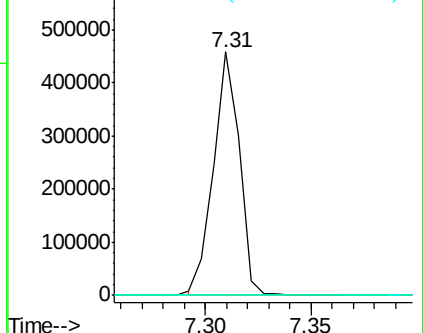
138 0.0 13.1 19.7#



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



#32

Benzoic acid

Concen: 7.53 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.07 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

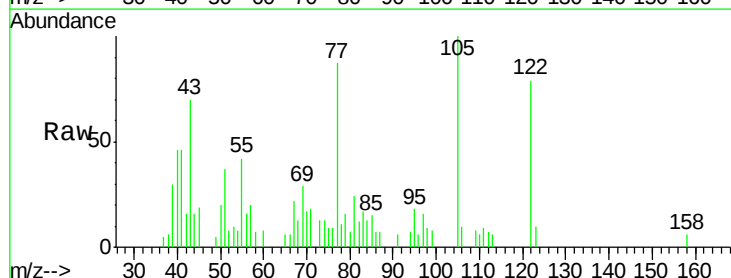
Tgt Ion: 122 Resp: 6953

Ion Ratio Lower Upper

122 100

105 126.7 103.3 143.3

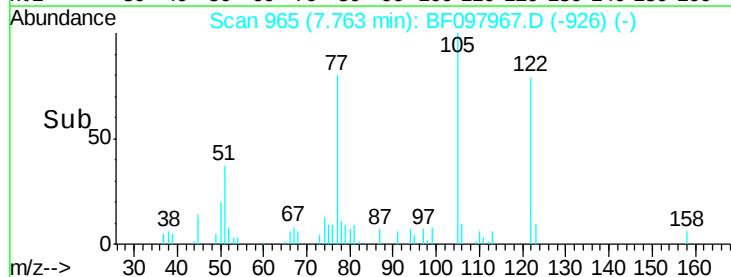
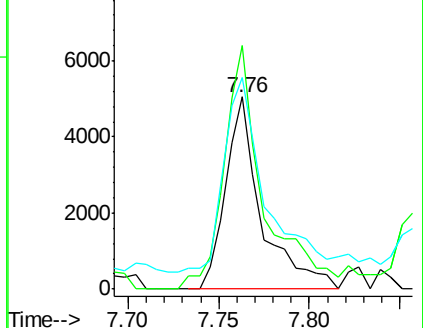
77 110.1 73.7 113.7

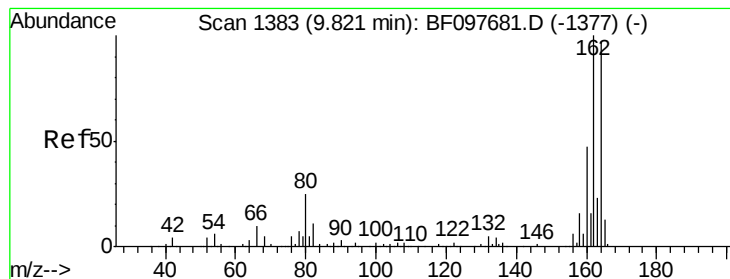


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

Instrument :

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220-1-STONE

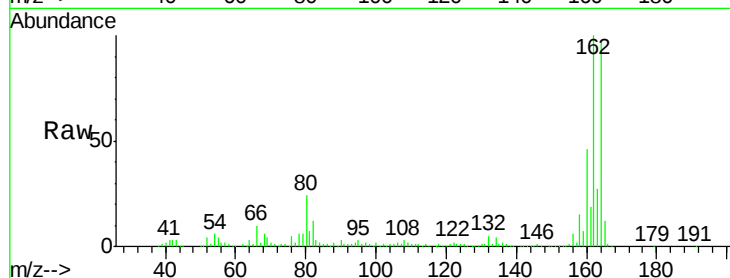
Tot Ion:164 Resp: 178417

Ion Ratio Lower Upper

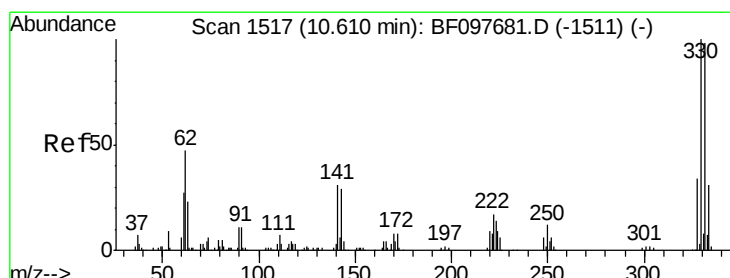
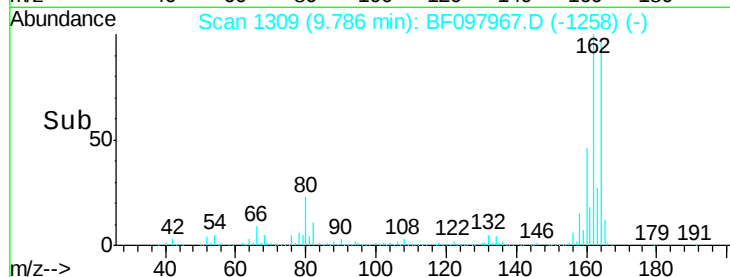
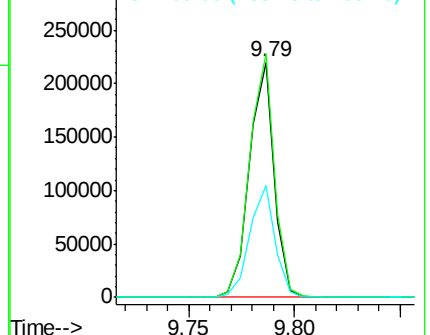
164 100

162 103.5 82.6 123.8

160 47.8 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: 83.07 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

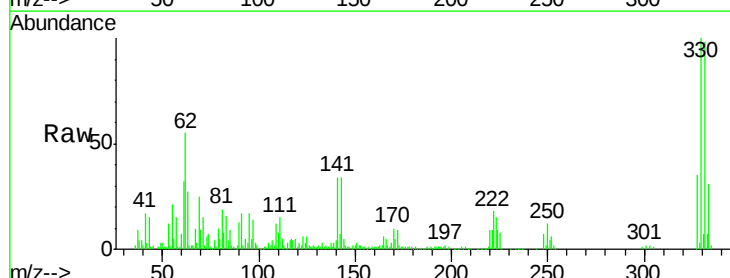
Tgt Ion:330 Resp: 128603

Ion Ratio Lower Upper

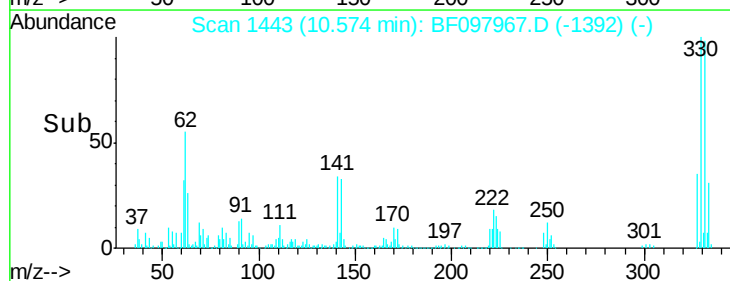
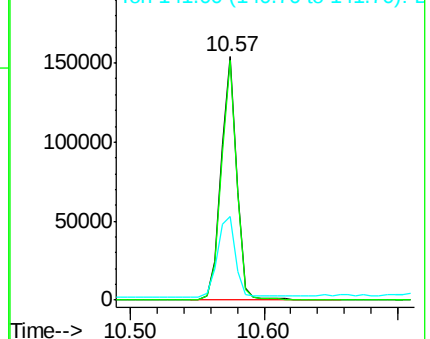
330 100

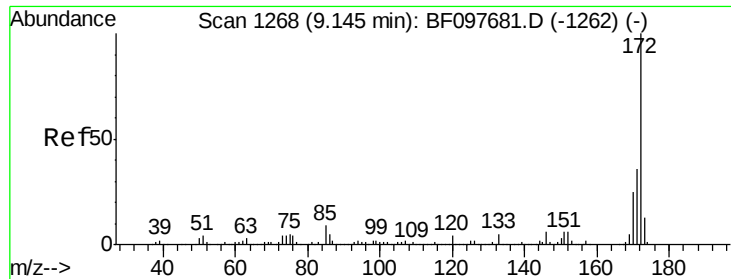
332 96.6 76.6 115.0

141 37.5 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: 62.44 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

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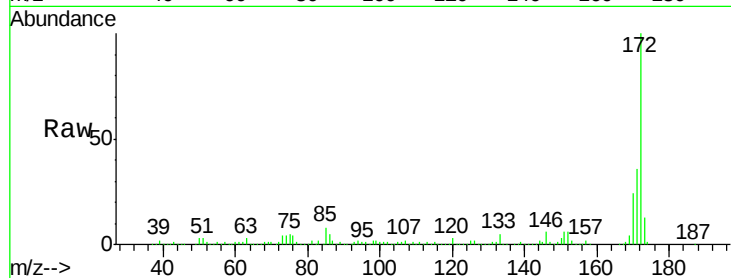
Tot Ion:172 Resp: 758205

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

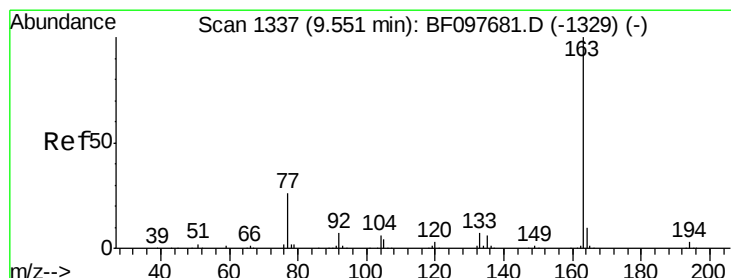
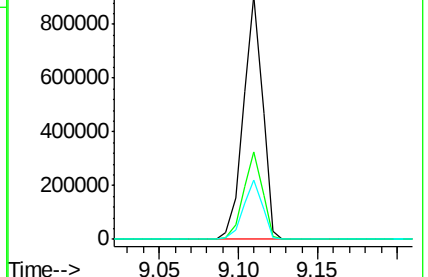
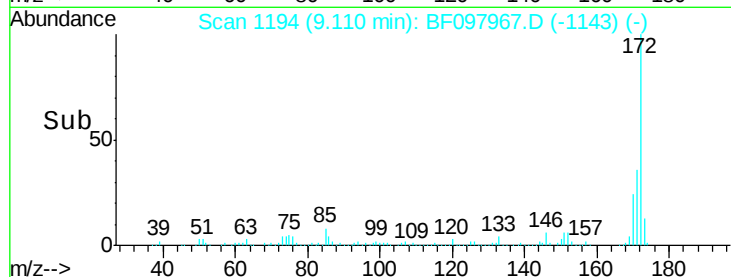
170 24.2 19.8 29.8



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: 5.58 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

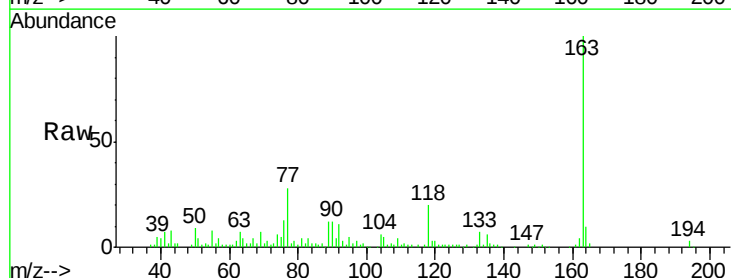
Tgt Ion:163 Resp: 72811

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

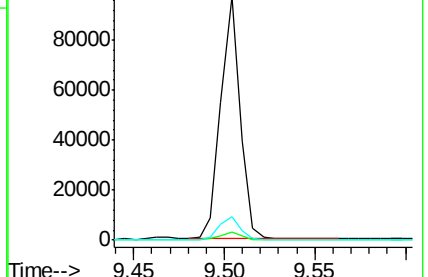
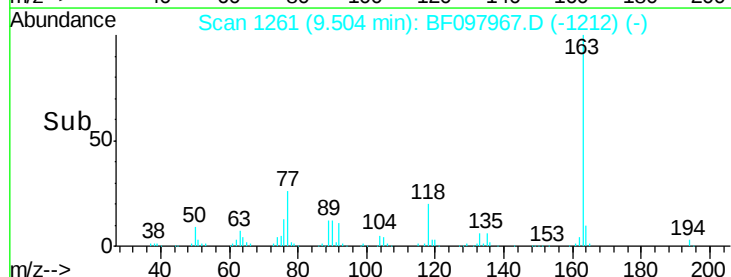
164 9.6 8.4 12.6

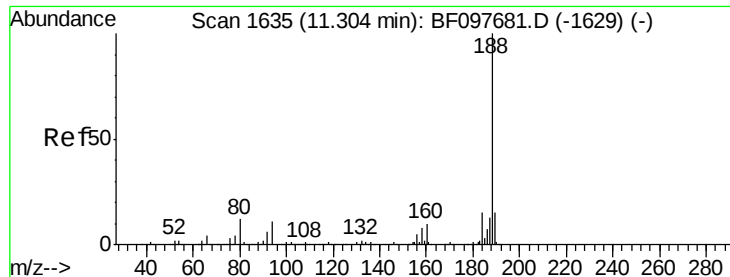


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

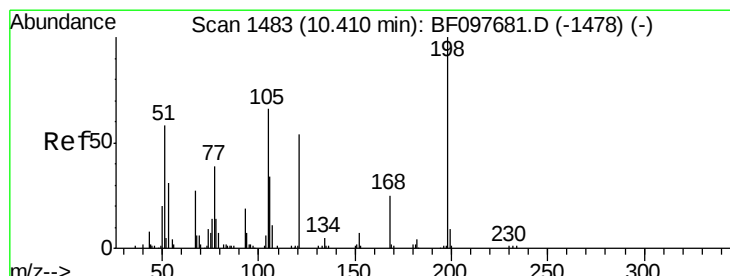
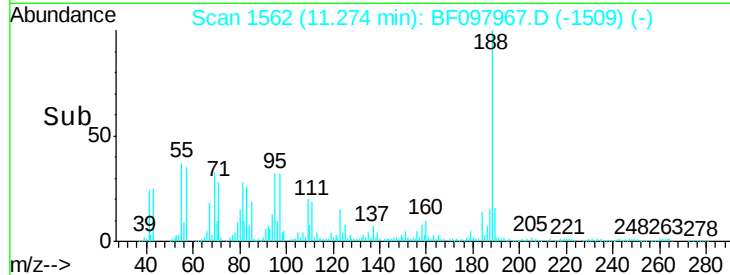
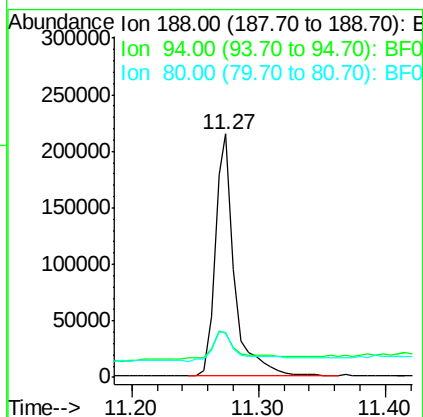
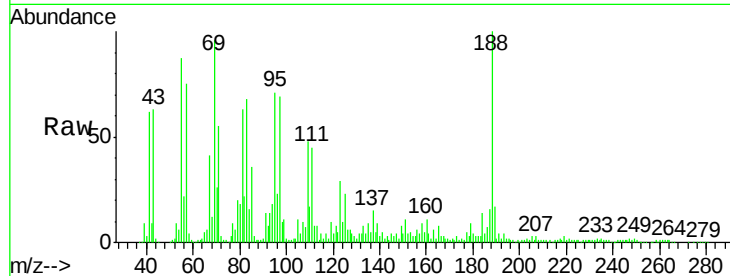




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF097967.D
Acq: 22 Aug 2017 21:34

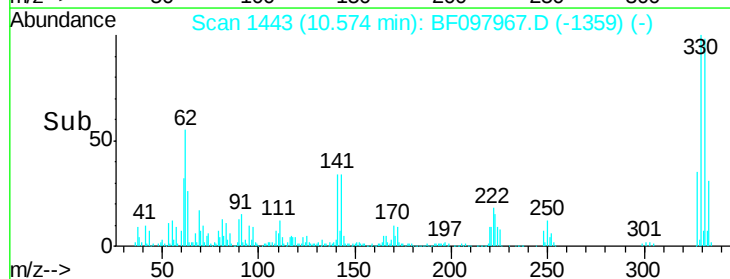
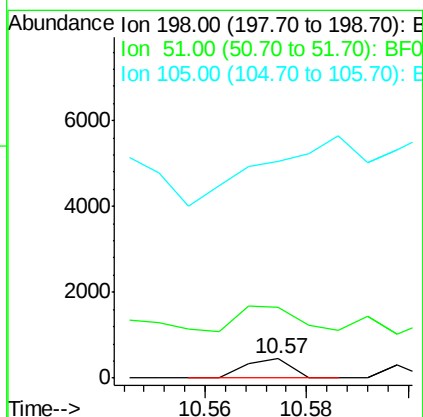
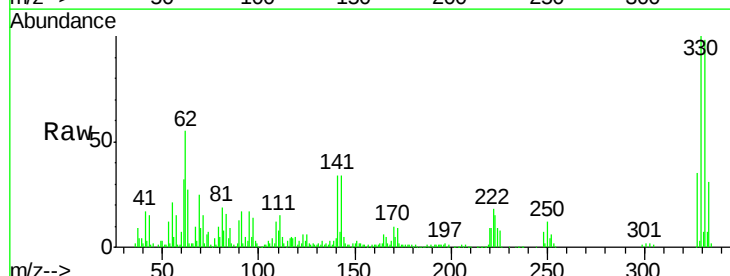
Instrument :
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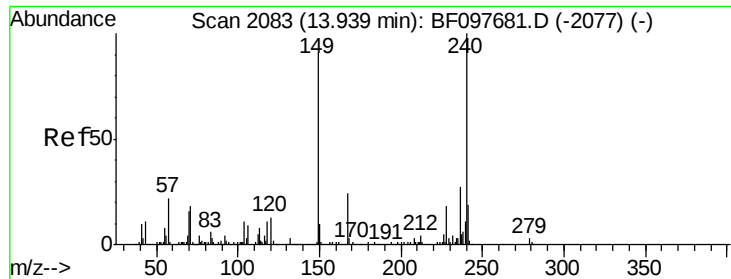
Tot Ion:188 Resp: 227309
Ion Ratio Lower Upper
188 100
94 18.3 9.4 14.2#
80 18.5 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.54 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.19 min
Lab File: BF097967.D
Acq: 22 Aug 2017 21:34

Tgt Ion:198 Resp: 279
Ion Ratio Lower Upper
198 100
51 365.9 53.2 93.2#
105 1126.9 45.8 85.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.07 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

Instrument :

BNA_F

ClientSampleId :

220-1-STONE

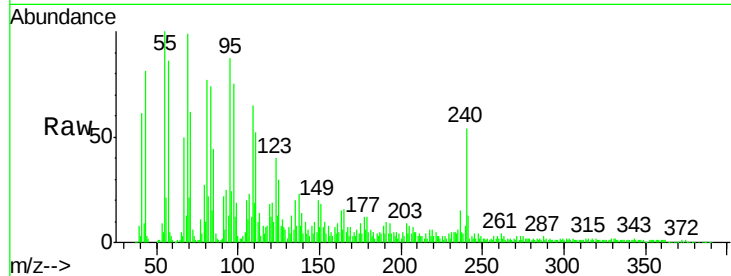
Tot Ion:240 Resp: 116010

Ion Ratio Lower Upper

240 100

120 22.5 5.8 8.8#

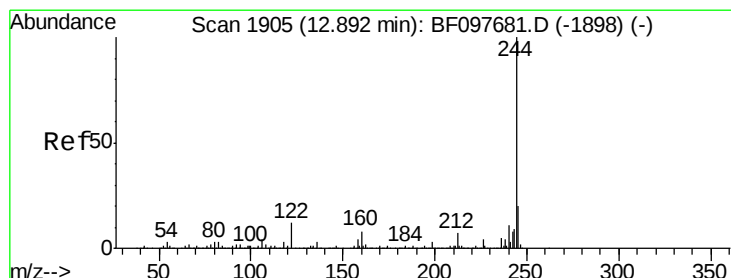
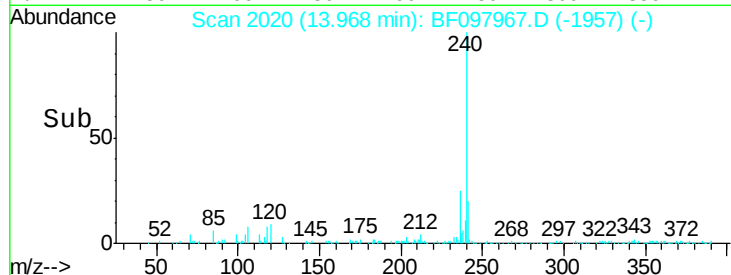
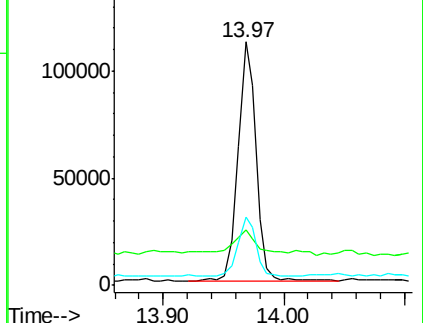
236 28.2 20.5 30.7



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: 31.93 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.06 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

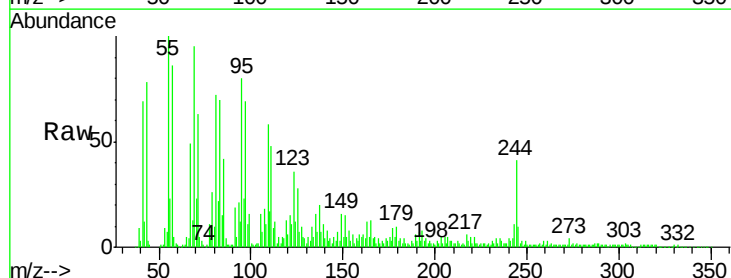
Tgt Ion:244 Resp: 177640

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

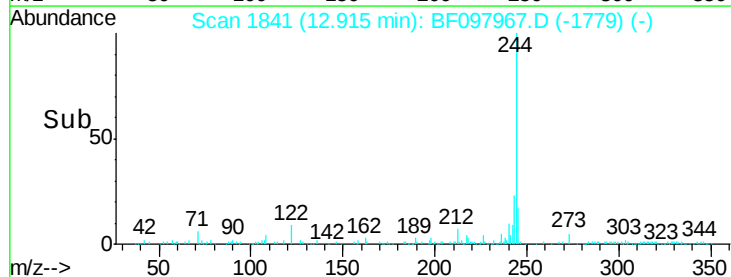
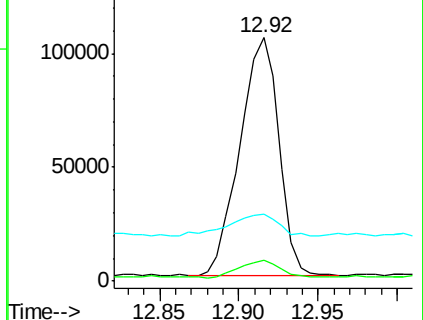
122 27.4 10.3 15.5#

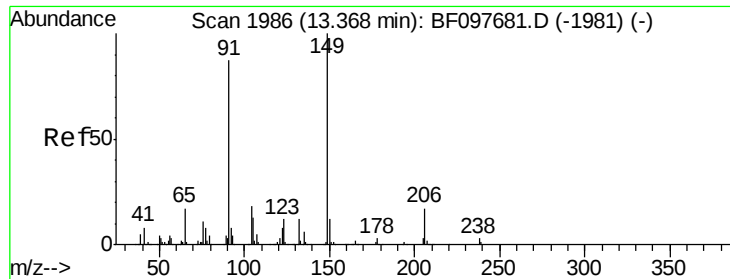


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

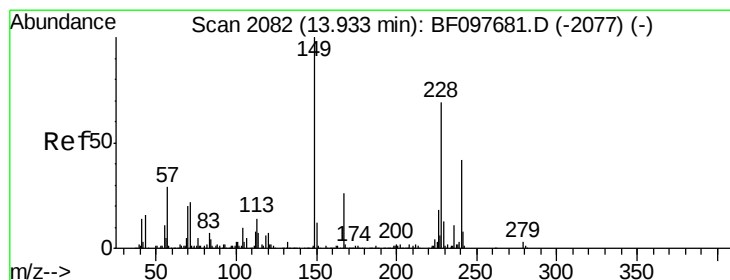
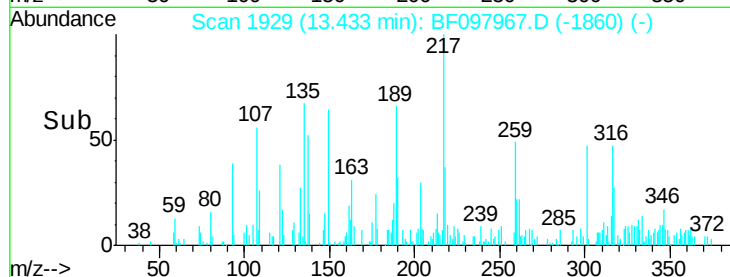
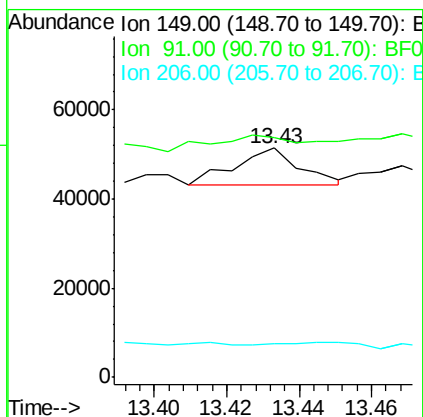
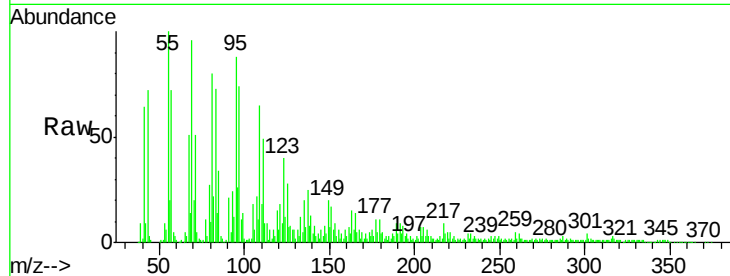




#79
 Butylbenzylphthalate
 Concen: 2.82 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.11 min
 Lab File: BF097967.D
 Acq: 22 Aug 2017 21:34

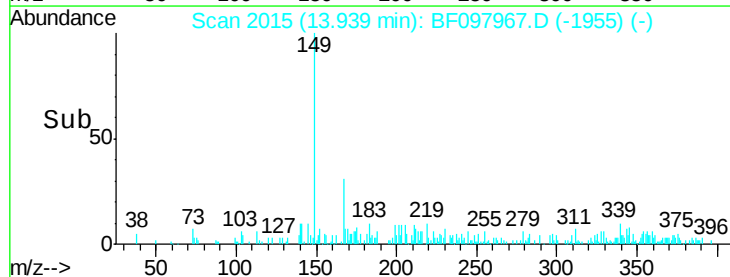
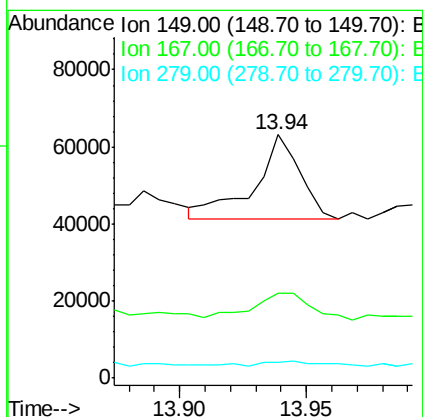
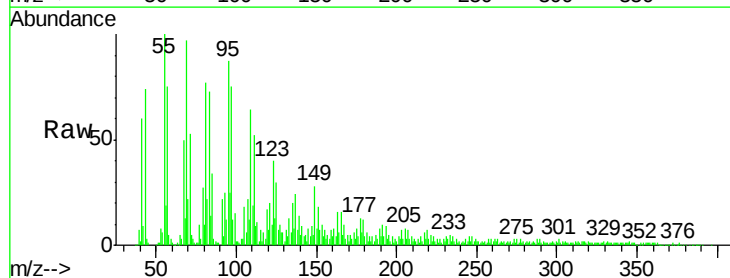
Instrument :
 BNA_F
 ClientSampleId :
 220-1-STONE

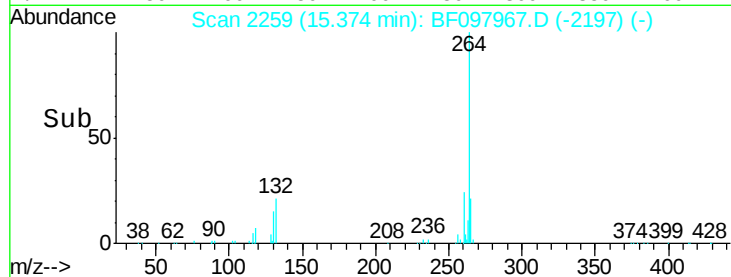
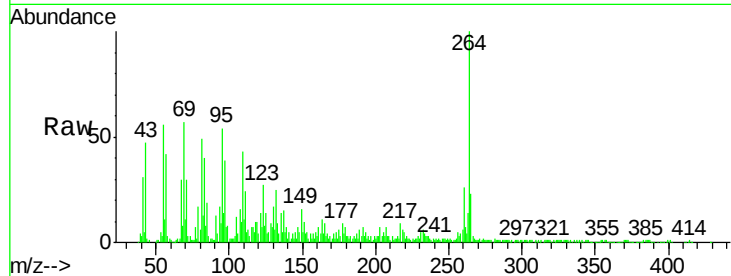
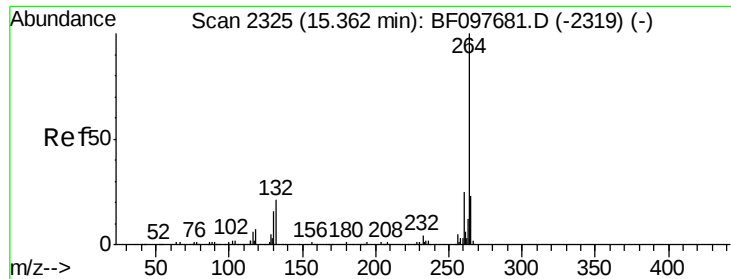
Tot Ion:149 Resp: 10241
 Ion Ratio Lower Upper
 149 100
 91 104.6 45.0 67.4#
 206 14.8 17.0 25.6#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.73 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.05 min
 Lab File: BF097967.D
 Acq: 22 Aug 2017 21:34

Tgt Ion:149 Resp: 27139
 Ion Ratio Lower Upper
 149 100
 167 34.6 21.0 31.4#
 279 6.6 1.9 2.9#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.06 min

Lab File: BF097967.D

Acq: 22 Aug 2017 21:34

Instrument :

BNA_F

ClientSampleId :

220-1-STONE

Tot Ion:264 Resp: 197150

Ion Ratio Lower Upper

264 100

260 25.8 19.5 29.3

265 22.6 17.2 25.8

