

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097520.D
 Acq On : 9 Aug 2017 17:23
 Operator : SJ/JU
 Sample : I4642-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-080417

Quant Time: Aug 09 17:59:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

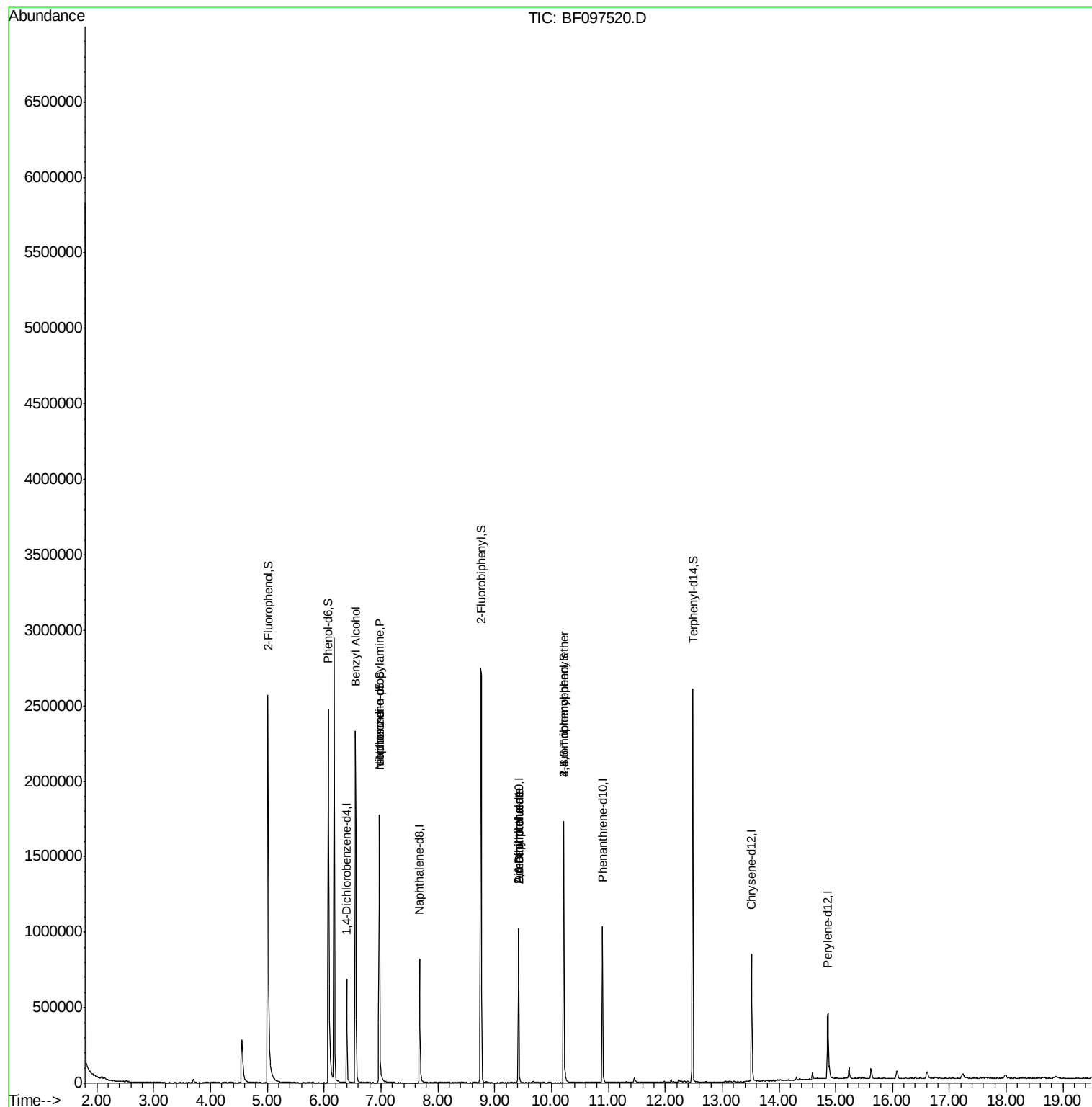
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	103727	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	420667	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	208096	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	368935	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	290598	20.00	ng	-0.02
86) Perylene-d12	14.86	264	195130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	957479	139.15	ng	0.00
7) Phenol-d6	6.07	99	1051105	133.81	ng	-0.01
23) Nitrobenzene-d5	6.97	82	675613	94.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	225297	137.03	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1110166	90.54	ng	-0.01
78) Terphenyl-d14	12.49	244	944120	66.24	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.55	79	10702	2.152	ng	# 34
19) n-Nitroso-di-n-propylamine	6.97	70	90465	17.496	ng	# 83
25) Isophorone	6.97	82	675609	48.110	ng	# 67
49) Dimethylphthalate	9.42	163	61952	3.920	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	25562	7.627	ng	# 34
56) 2,4-Dinitrotoluene	9.42	165	25562	6.634	ng	# 33
66) 4-Bromophenyl-phenylether	10.22	248	14539	3.949	ng	# 1

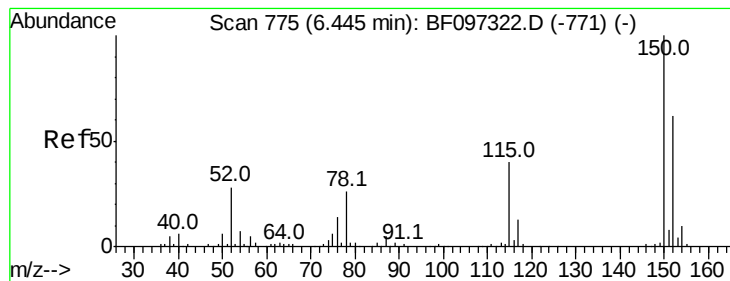
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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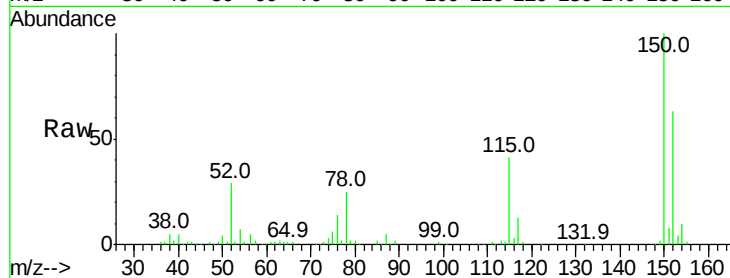


#1

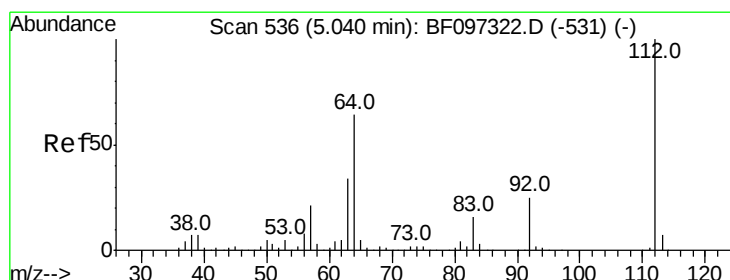
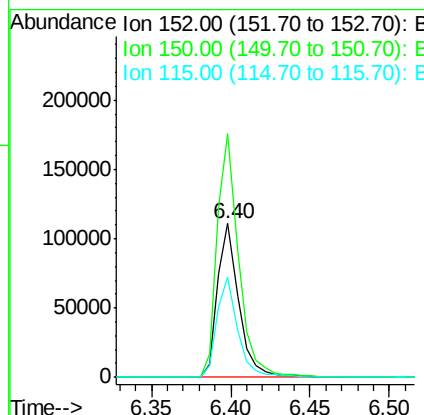
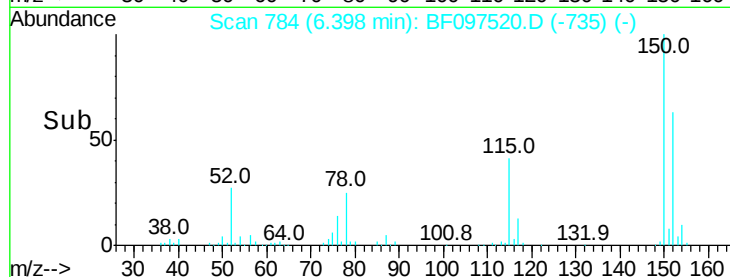
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097520.D
Acq: 9 Aug 2017 17:23

Instrument :
BNA_F
ClientSampleId :
BU-03-080417

Tot Ion:152 Resp: 103727
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 65.0 52.2 78.2



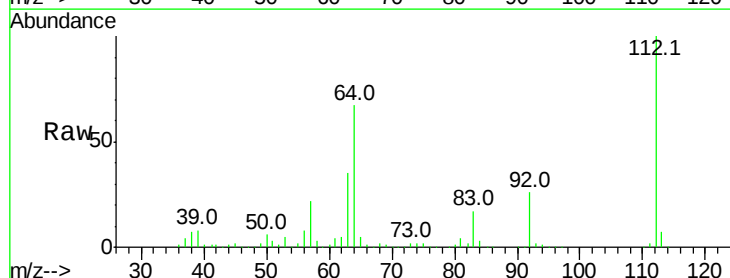
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



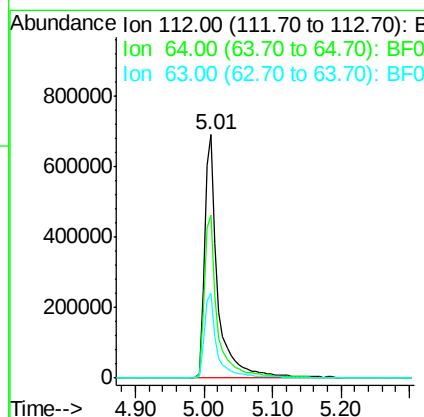
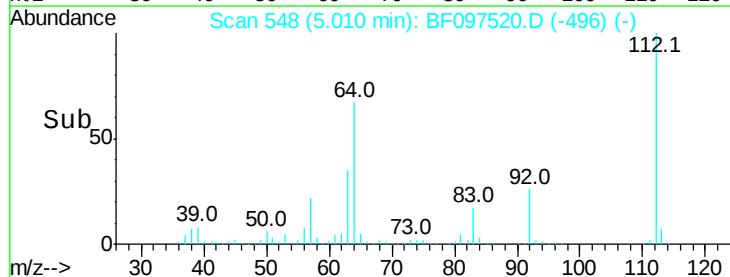
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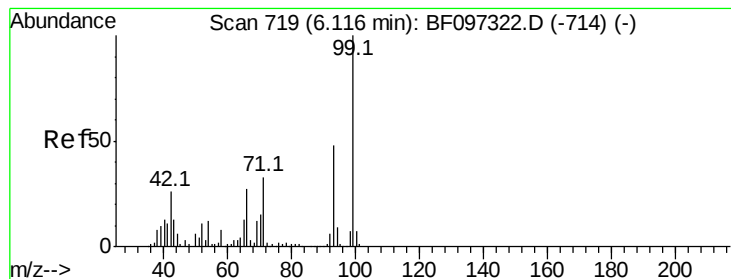
2-Fluorophenol
Concen: 139.153 ng
RT: 5.01 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097520.D
Acq: 9 Aug 2017 17:23

Tgt Ion:112 Resp: 957479
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 35.0 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: 133.810 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

Instrument :

BNA_F

ClientSampleId :

BU-03-080417

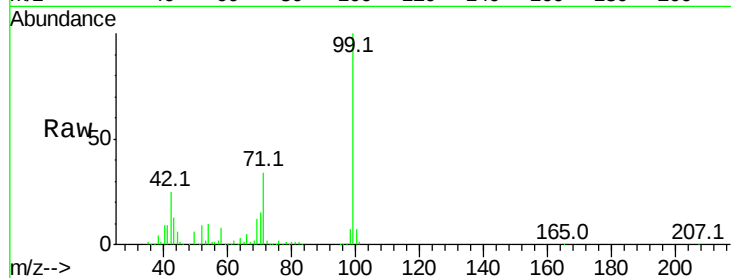
Tot Ion: 99 Resp: 1051105

Ion Ratio Lower Upper

99 100

42 24.7 13.5 20.3#

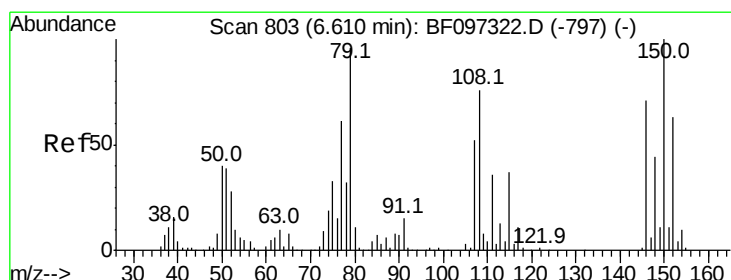
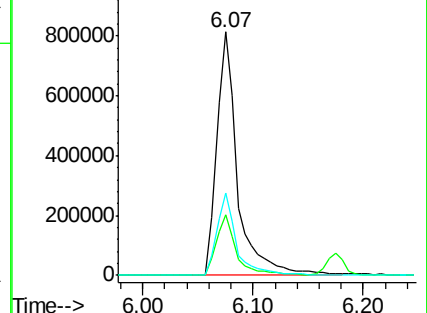
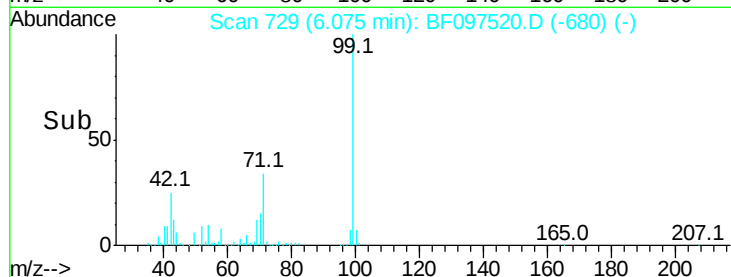
71 33.9 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.152 ng

RT: 6.55 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

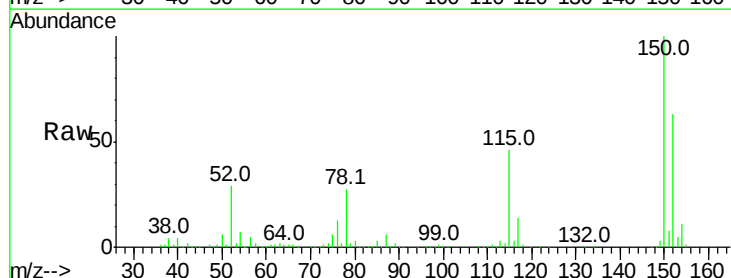
Tgt Ion: 79 Resp: 10702

Ion Ratio Lower Upper

79 100

108 26.1 63.4 95.0#

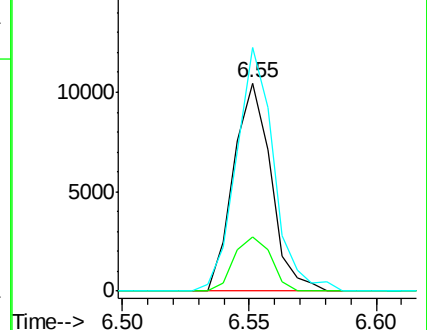
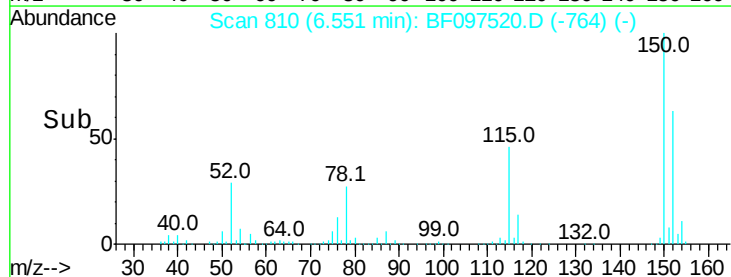
77 117.1 49.2 73.8#

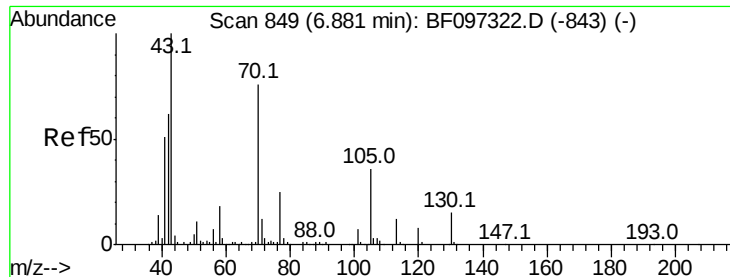


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

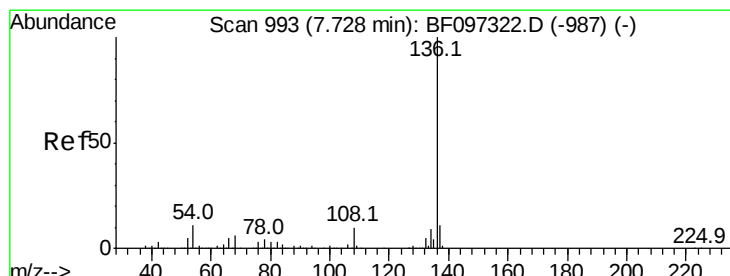
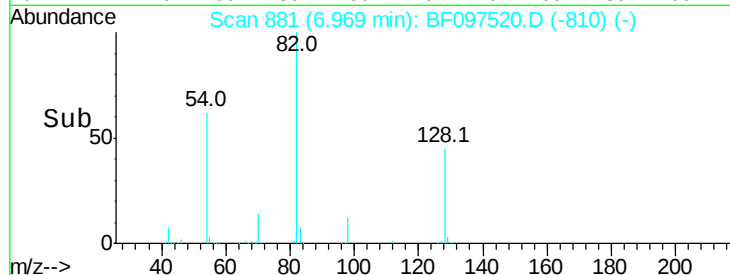
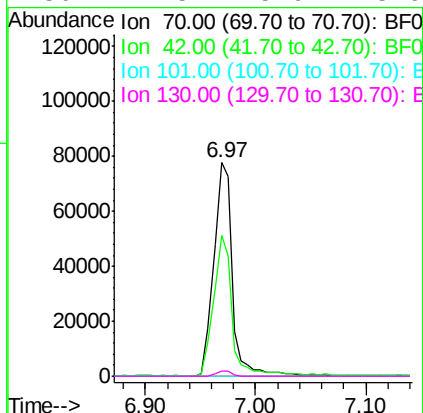
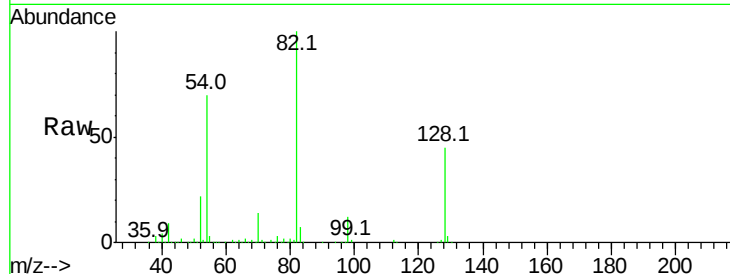




#19
n-Nitroso-di-n-propylamine
Concen: 17.496 ng
RT: 6.97 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF097520.D
Acq: 9 Aug 2017 17:23

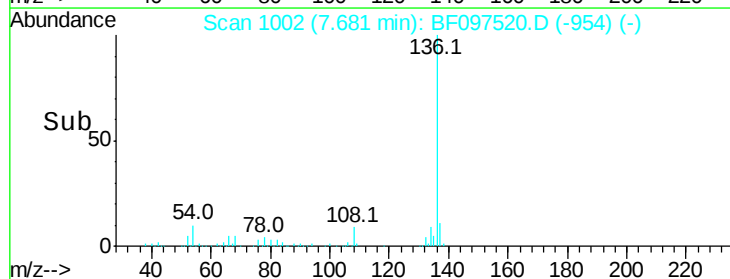
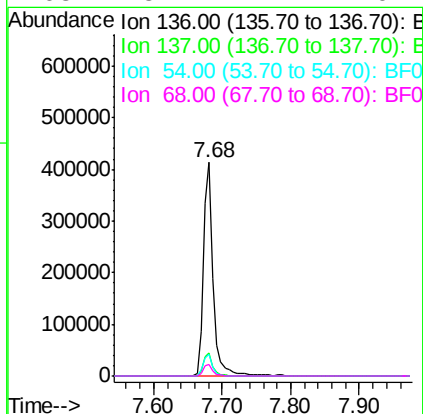
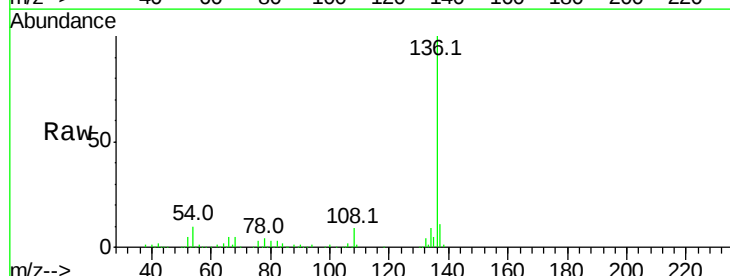
Instrument :
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ClientSampleId :
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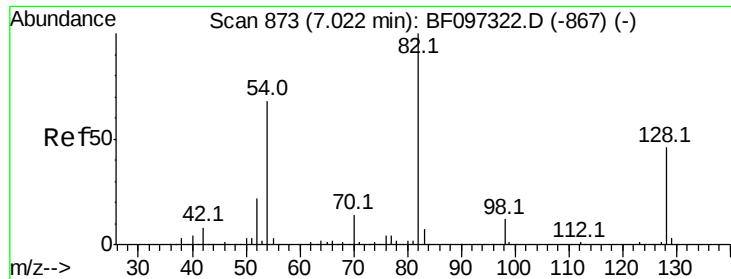
Tot Ion: 70 Resp: 90465
Ion Ratio Lower Upper
70 100
42 65.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097520.D
Acq: 9 Aug 2017 17:23

Tgt Ion: 136 Resp: 420667
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.0 4.9 7.3#
68 5.1 4.1 6.1

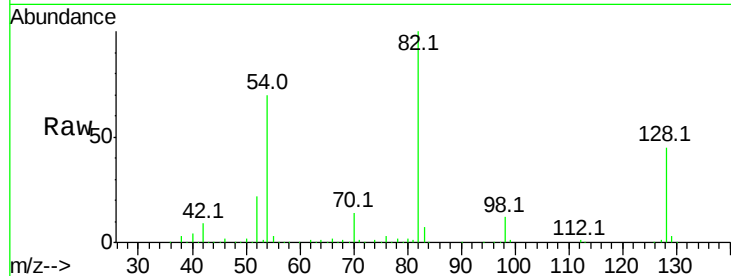




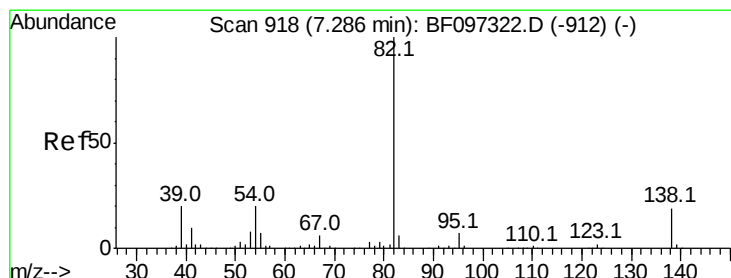
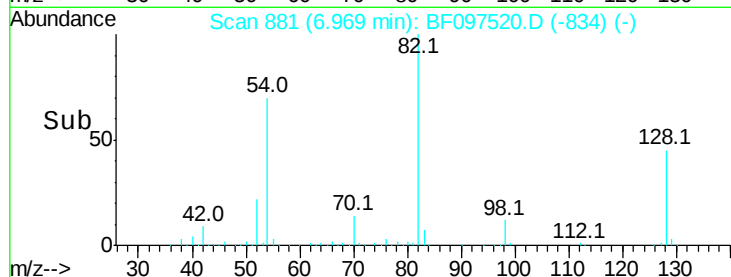
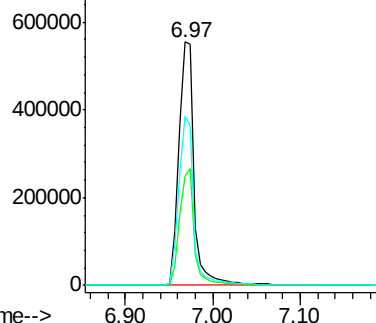
#23
Nitrobenzene-d5
Concen: 94.217 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097520.D
Acq: 9 Aug 2017 17:23

Instrument :
BNA_F
ClientSampleId :
BU-03-080417

Tot Ion: 82 Resp: 675613
Ion Ratio Lower Upper
82 100
128 45.1 34.0 51.0
54 69.6 42.2 63.2#

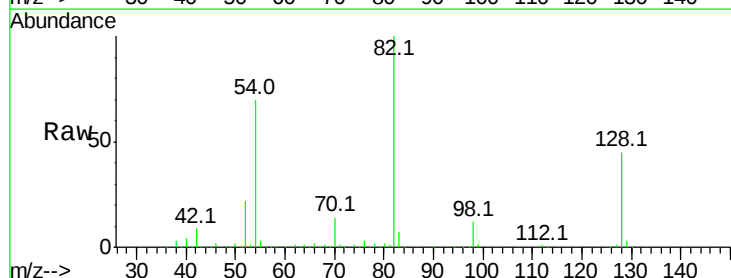


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

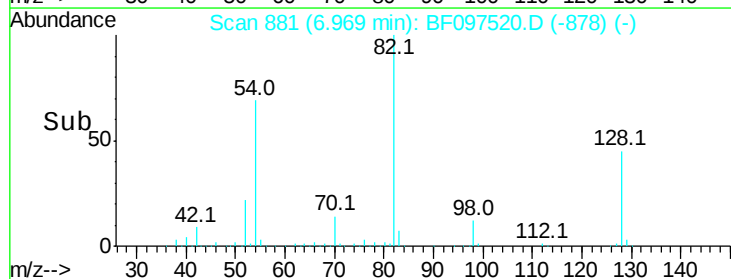
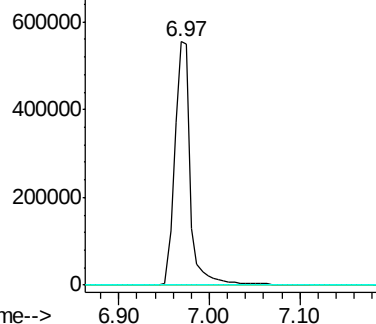


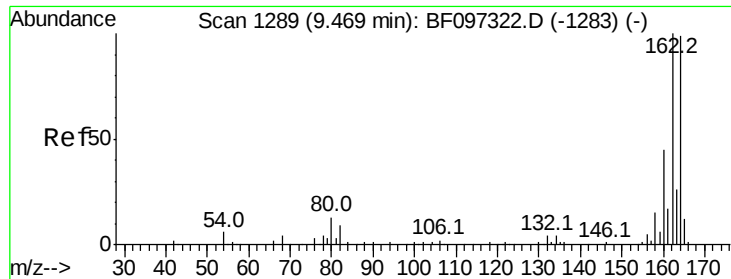
#25
Isophorone
Concen: 48.110 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF097520.D
Acq: 9 Aug 2017 17:23

Tgt Ion: 82 Resp: 675609
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

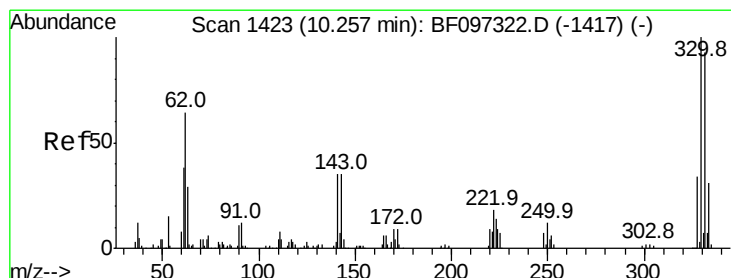
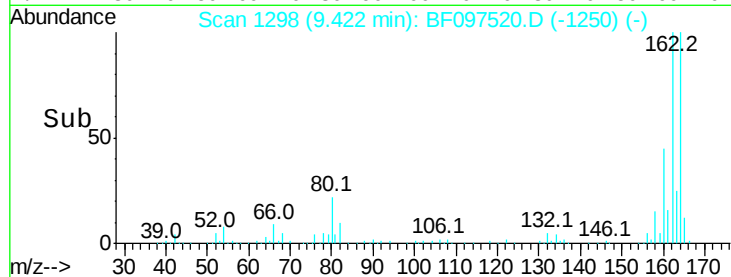
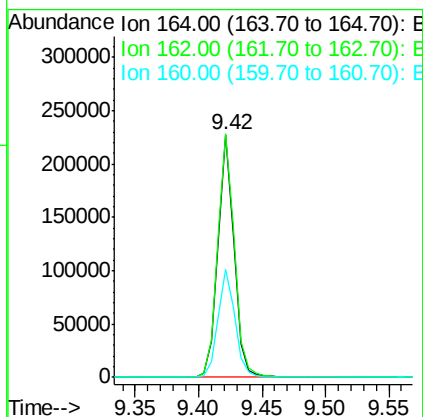
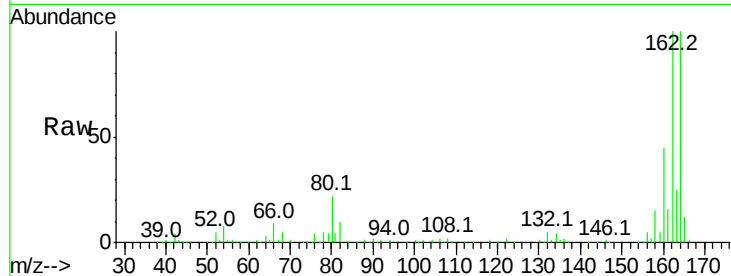




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

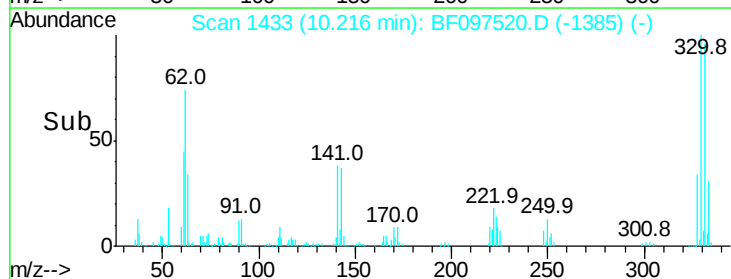
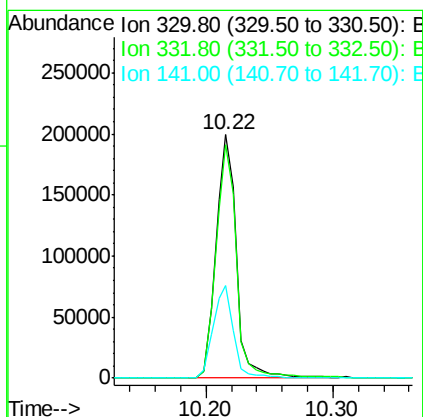
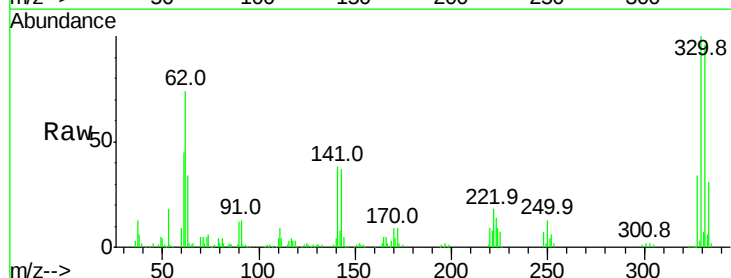
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 BU-03-080417

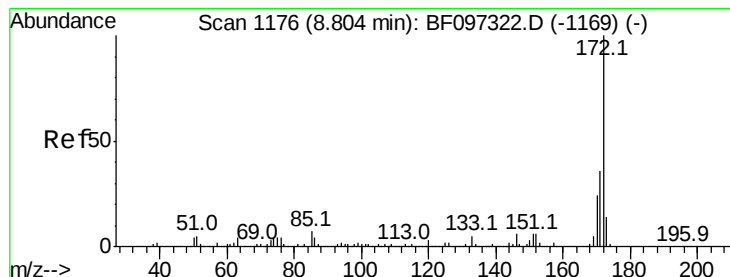
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	44.7	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 137.029 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	38.5	31.4	47.2





#44

2-Fluorobiphenyl

Concen: 90.538 ng

RT: 8.76 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

Instrument :

BNA_F

ClientSampleId :

BU-03-080417

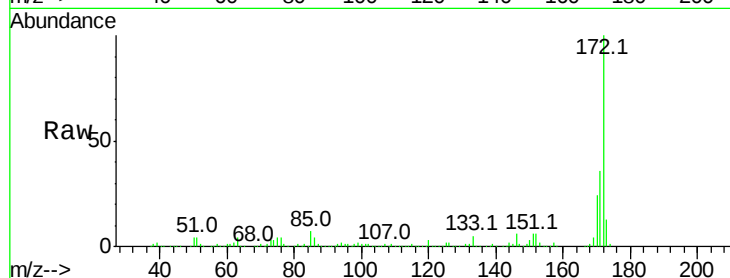
Tot Ion:172 Resp: 1110166

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

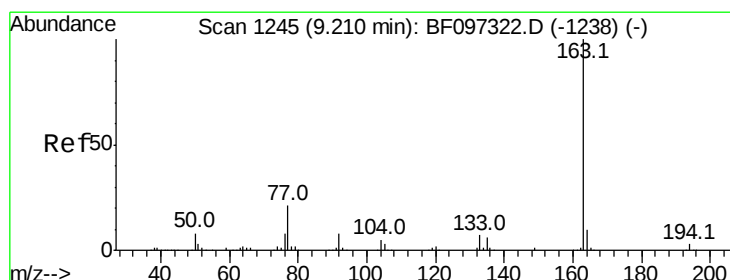
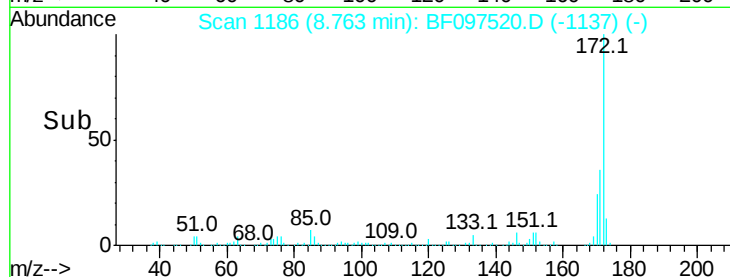
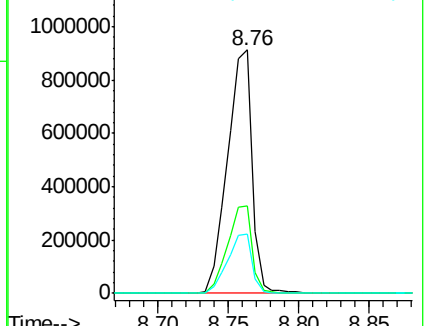
170 24.3 19.8 29.8



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: 3.920 ng

RT: 9.42 min Scan# 1298

Delta R.T. 0.24 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

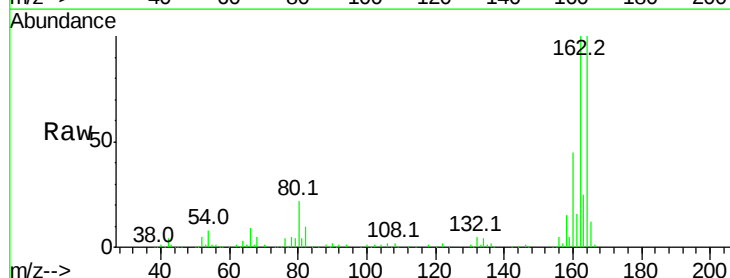
Tgt Ion:163 Resp: 61952

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

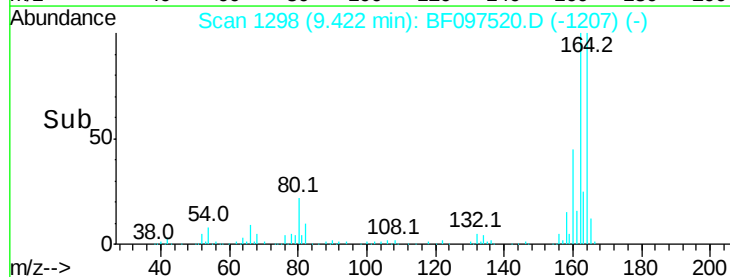
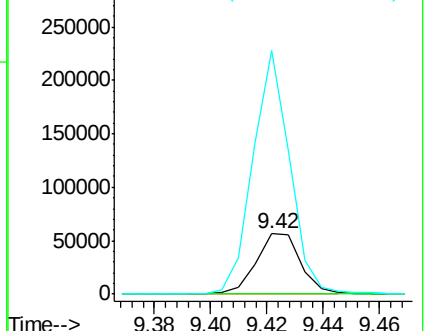
164 405.9 8.4 12.6#

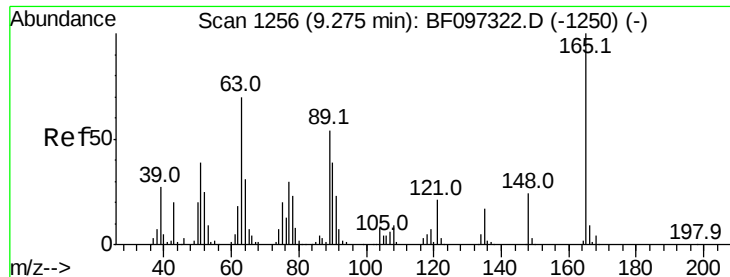


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

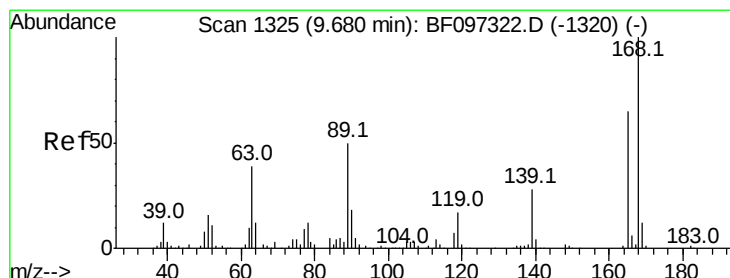
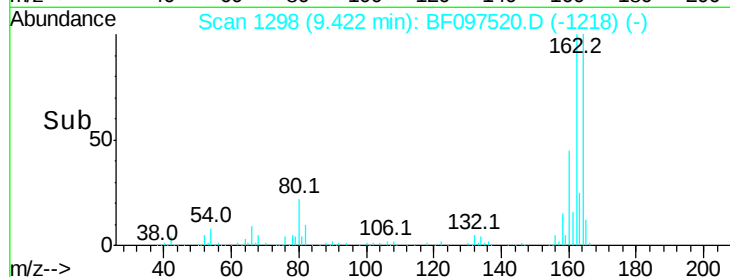
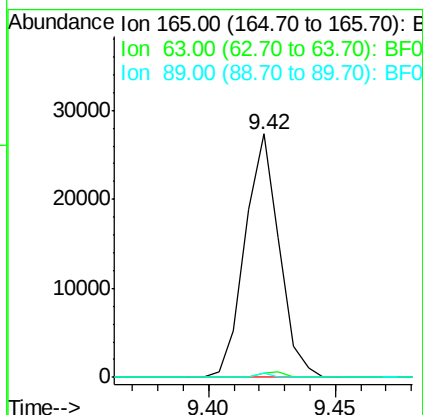
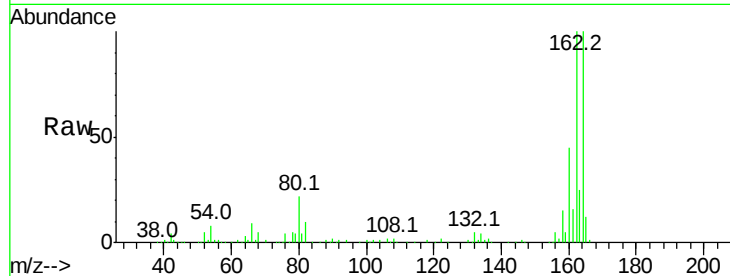




#50
 2,6-Dinitrotoluene
 Concen: 7.627 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. 0.17 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

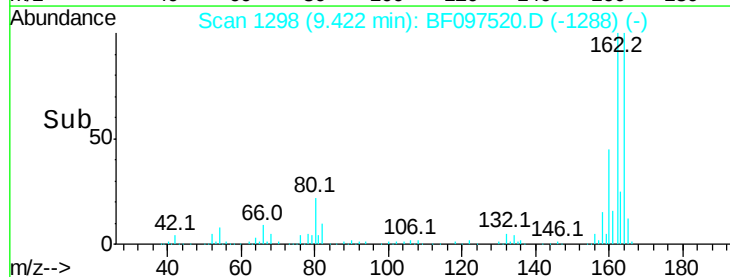
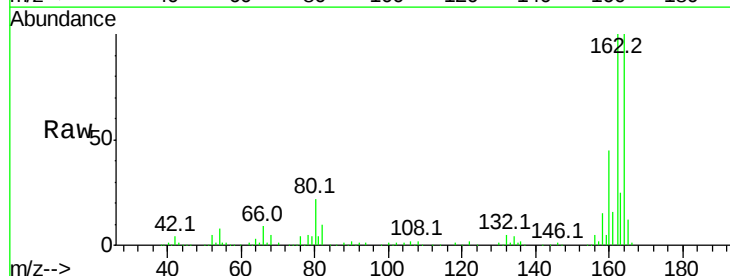
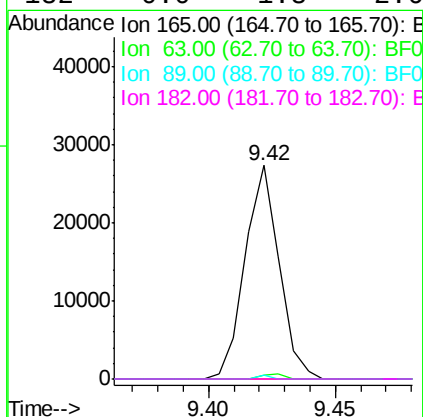
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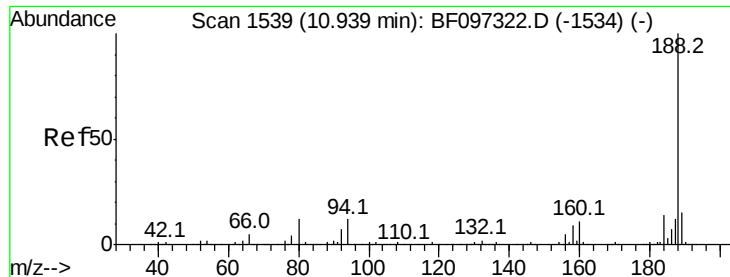
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.6	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.634 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.24 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

Instrument :

BNA_F

ClientSampleId :

BU-03-080417

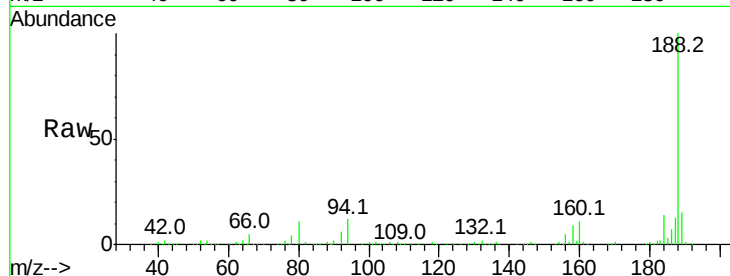
Tot Ion:188 Resp: 368935

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

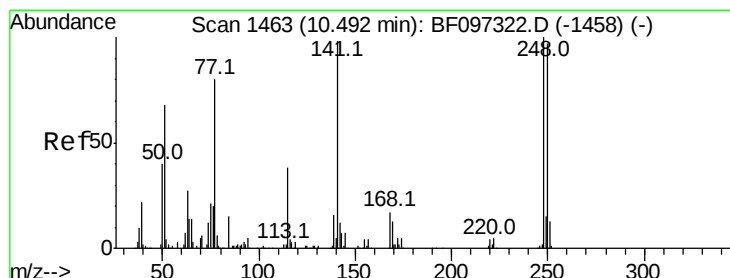
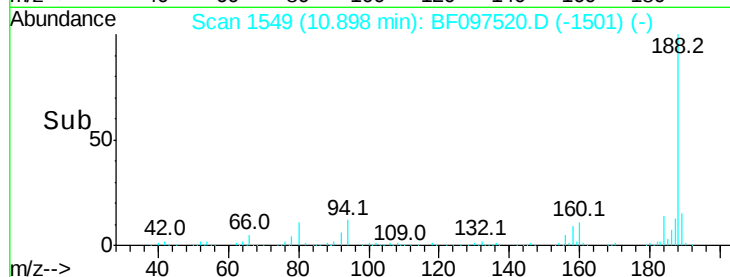
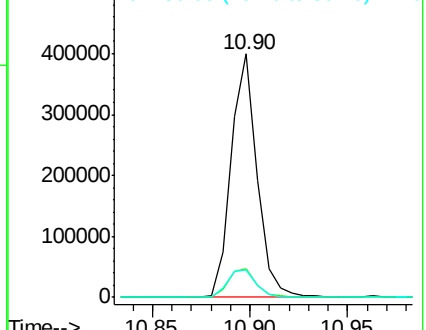
80 11.3 10.2 15.2



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: 3.949 ng

RT: 10.22 min Scan# 1433

Delta R.T. -0.25 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

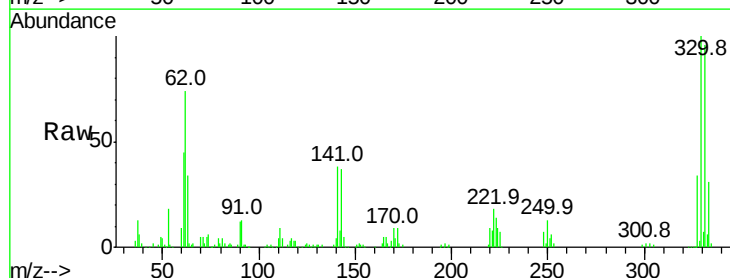
Tgt Ion:248 Resp: 14539

Ion Ratio Lower Upper

248 100

250 197.9 76.8 115.2#

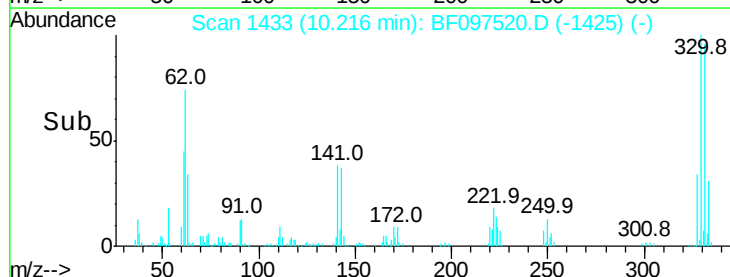
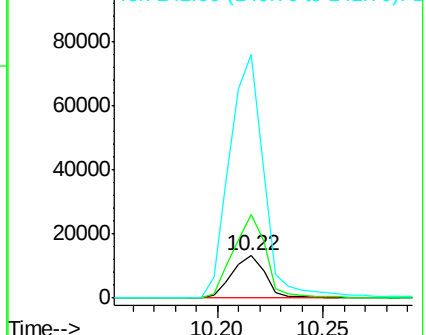
141 572.1 68.6 103.0#

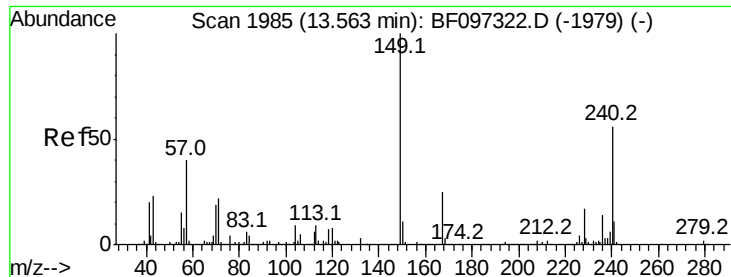


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

Instrument :

BNA_F

ClientSampleId :

BU-03-080417

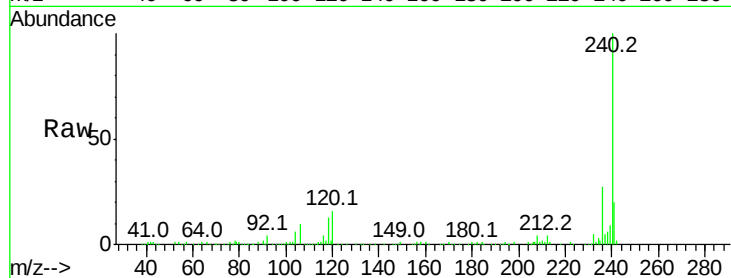
Tot Ion:240 Resp: 290598

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

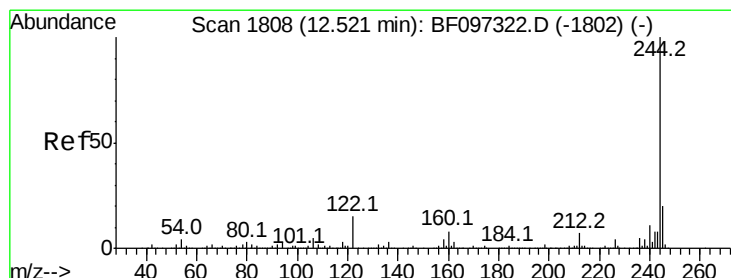
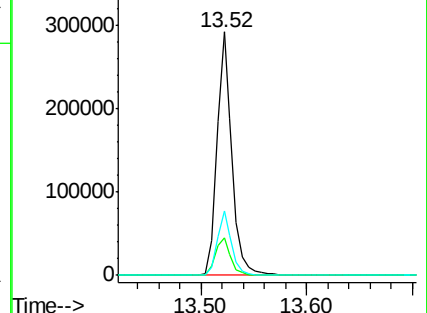
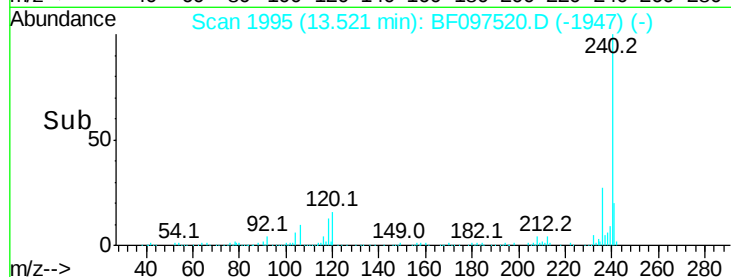
236 26.6 20.5 30.7



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: 66.240 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097520.D

Acq: 9 Aug 2017 17:23

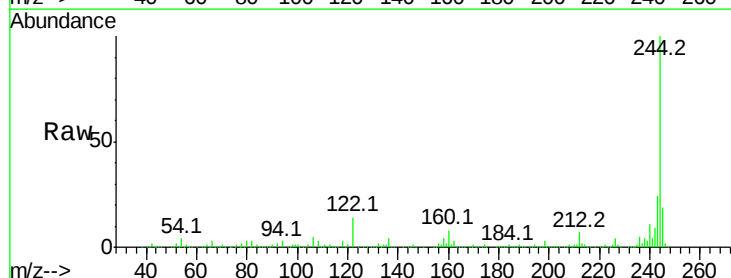
Tgt Ion:244 Resp: 944120

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

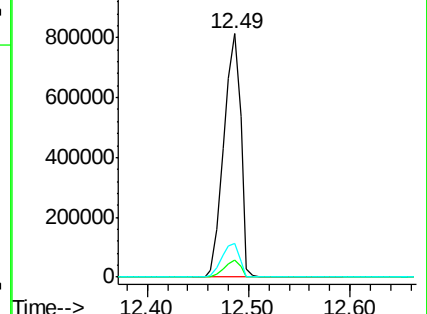
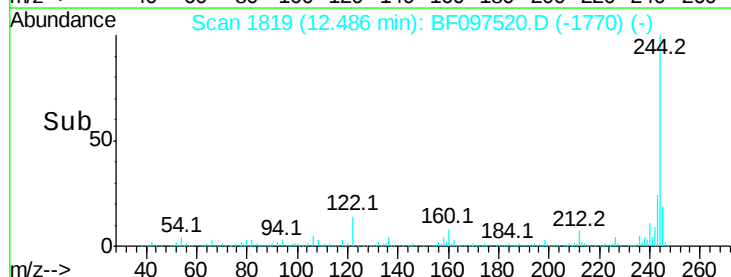
122 14.1 10.3 15.5

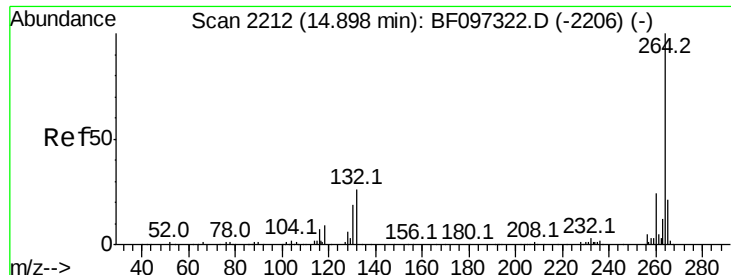


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

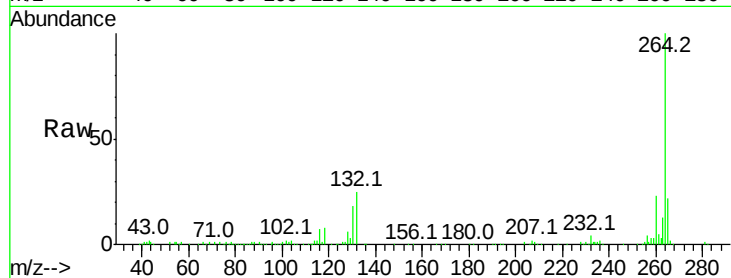




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097520.D
 Acq: 9 Aug 2017 17:23

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-080417

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.5	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

