

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097791.D
 Acq On : 17 Aug 2017 17:37
 Operator : SJ/JU
 Sample : I4799-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-081417-A

Quant Time: Aug 18 01:28:13 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

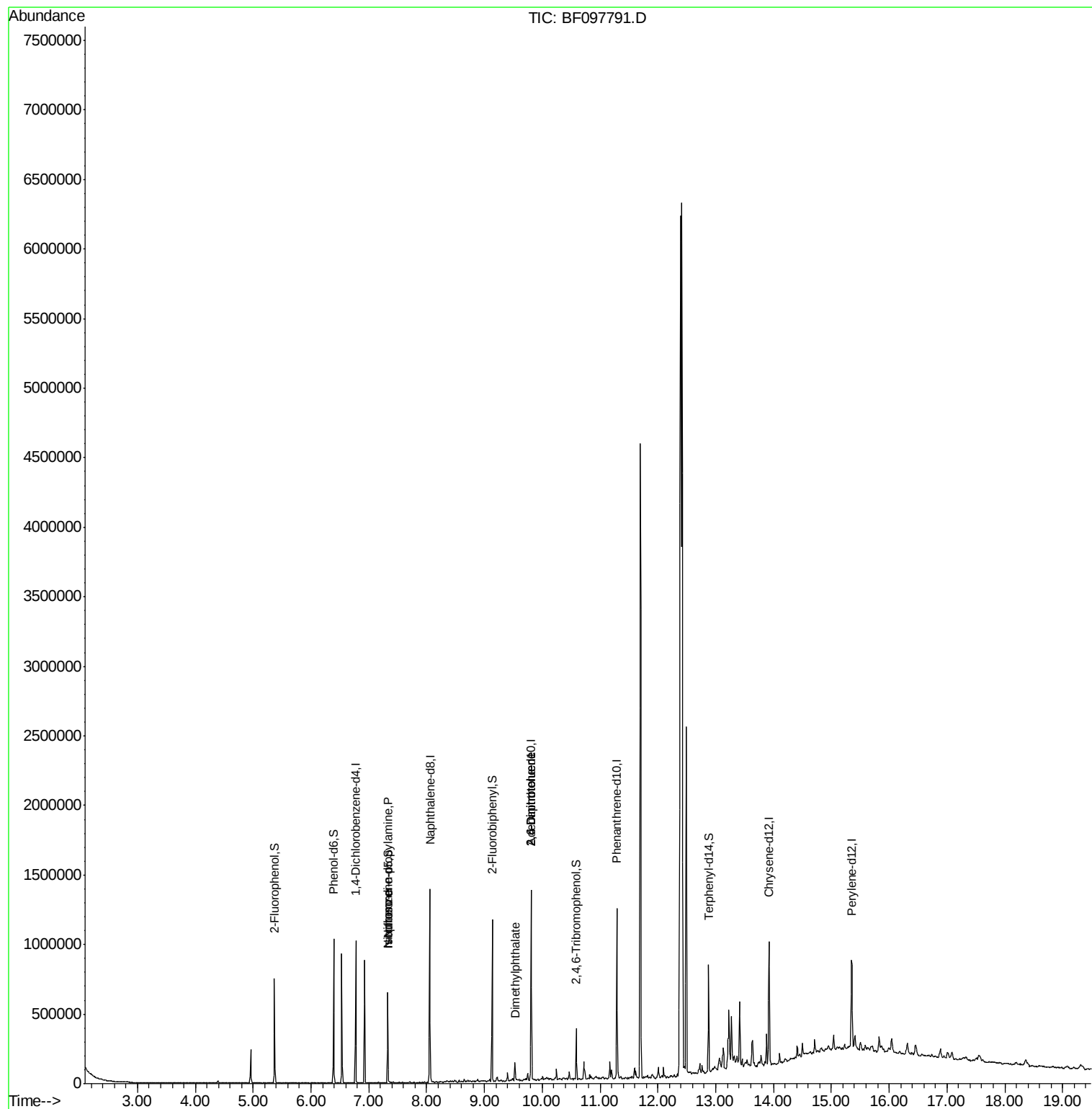
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	142516	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	550895	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	237197	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	394525	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	292003	20.00	ng	-0.02
86) Perylene-d12	15.35	264	280626	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	184488	19.69	ng	-0.02
7) Phenol-d6	6.39	99	304861	23.95	ng	-0.02
23) Nitrobenzene-d5	7.33	82	206800	20.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	32509	15.80	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	344815	21.36	ng	-0.01
78) Terphenyl-d14	12.87	244	215301	15.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	28090	3.22	ng	# 73
25) Isophorone	7.33	82	206416	9.79	ng	# 67
49) Dimethylphthalate	9.53	163	39225	2.26	ng	99
50) 2,6-Dinitrotoluene	9.81	165	31133	9.00	ng	# 34
56) 2,4-Dinitrotoluene	9.81	165	31133	7.17	ng	# 33

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097791.D
Acq On : 17 Aug 2017 17:37
Operator : SJ/JU
Sample : I4799-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-081417-A

Quant Time: Aug 18 01:28:13 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



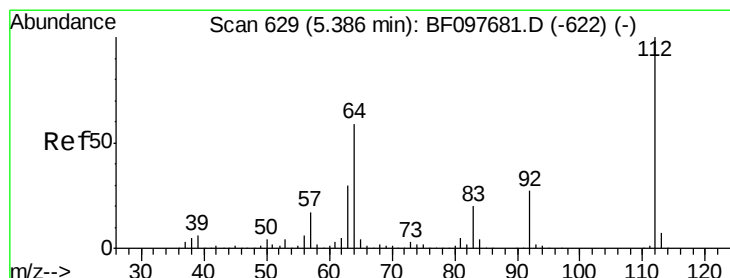
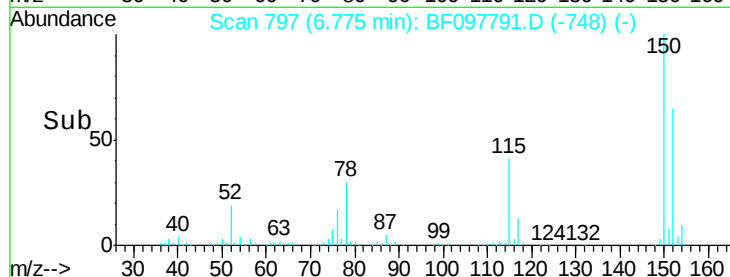
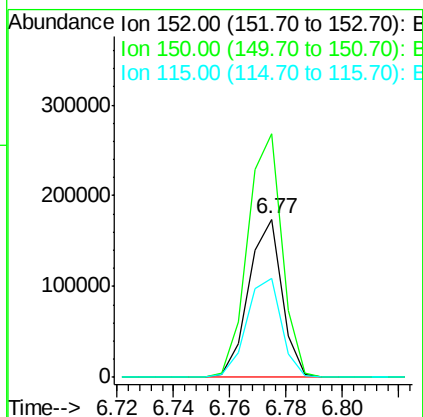
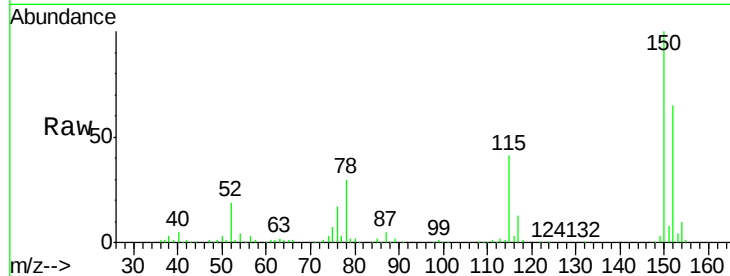


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097791.D
Acq: 17 Aug 2017 17:37

Instrument :
BNA_F
ClientSampleId :
AU-05-081417-A

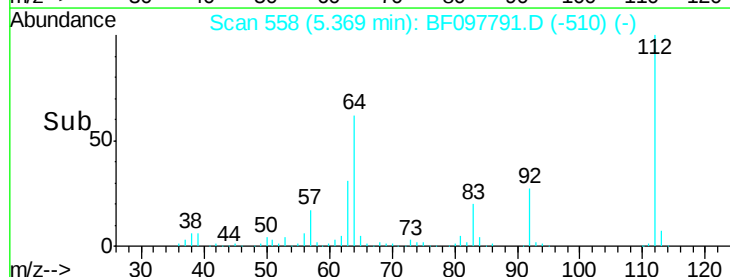
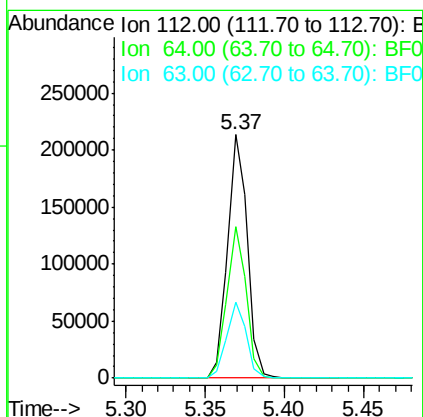
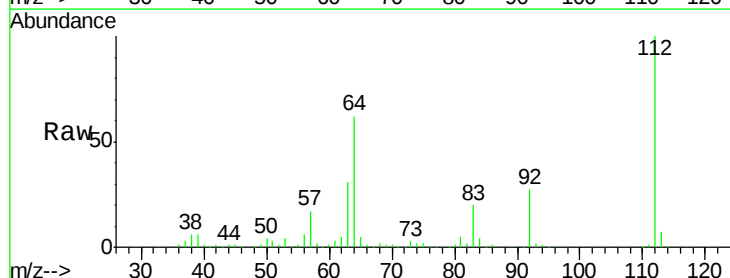
Tot Ion:152 Resp: 142516
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 62.6 52.2 78.2

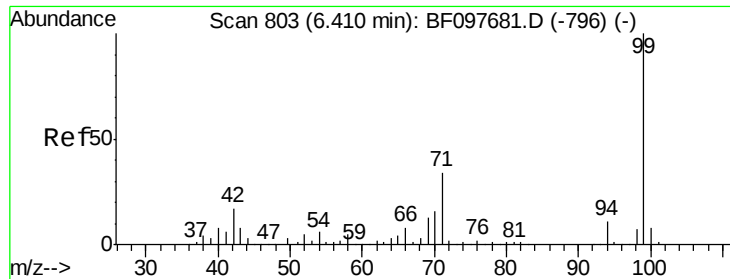


#5

2-Fluorophenol
Concen: 19.69 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF097791.D
Acq: 17 Aug 2017 17:37

Tgt Ion:112 Resp: 184488
Ion Ratio Lower Upper
112 100
64 62.2 46.0 69.0
63 31.2 23.4 35.0





#7

Phenol-d6

Concen: 23.95 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF097791.D

Acq: 17 Aug 2017 17:37

Instrument :

BNA_F

ClientSampleId :

AU-05-081417-A

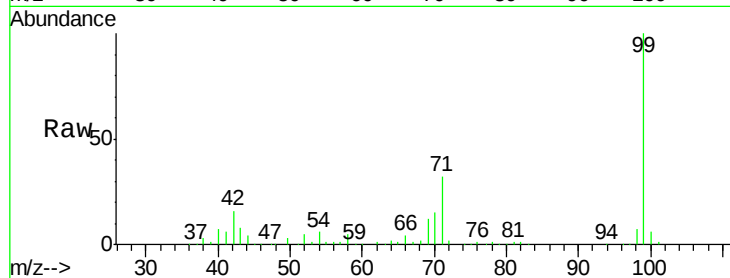
Tot Ion: 99 Resp: 304861

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

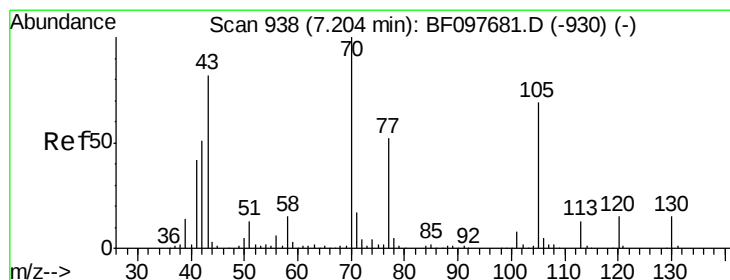
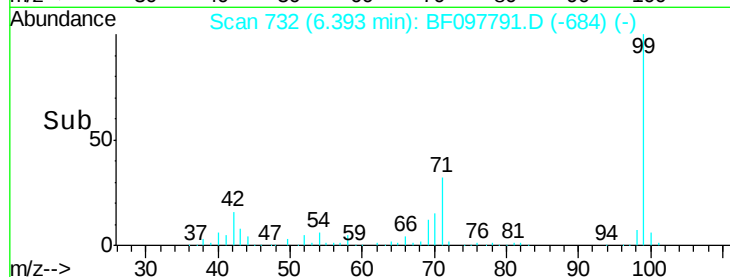
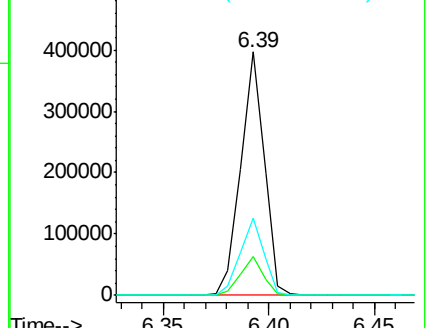
71 31.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.22 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.12 min

Lab File: BF097791.D

Acq: 17 Aug 2017 17:37

Tgt Ion: 70 Resp: 28090

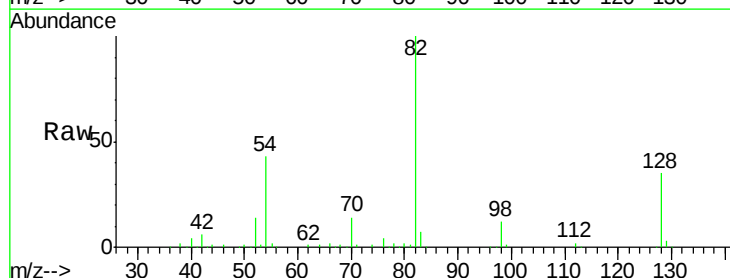
Ion Ratio Lower Upper

70 100

42 42.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.4 15.9 23.9#

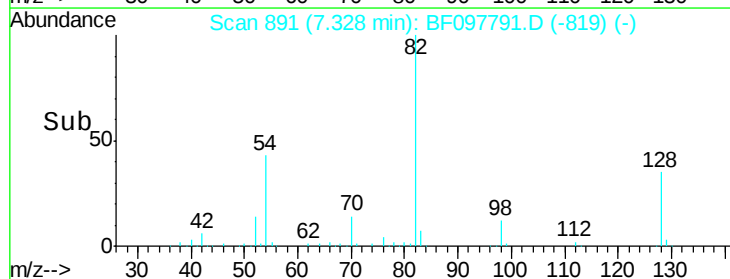
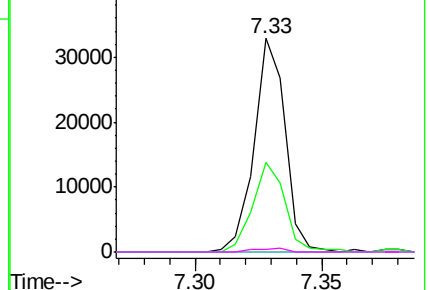


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097791.D

Acq: 17 Aug 2017 17:37

Instrument :

BNA_F

ClientSampleId :

AU-05-081417-A

Tot Ion:136 Resp: 550895

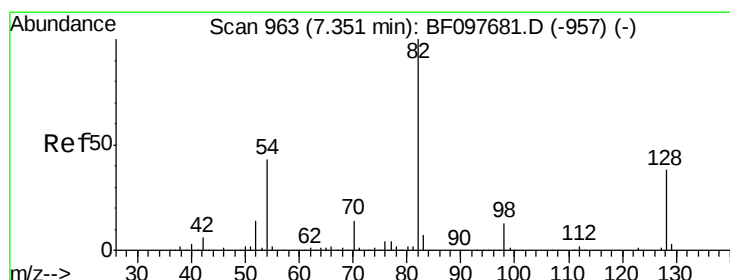
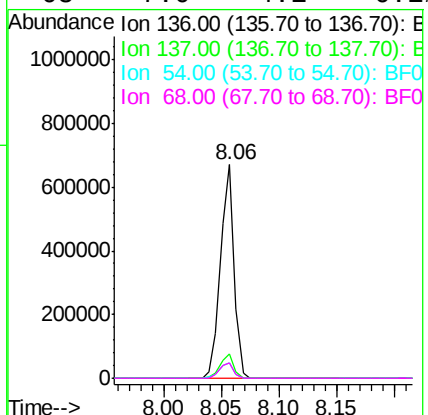
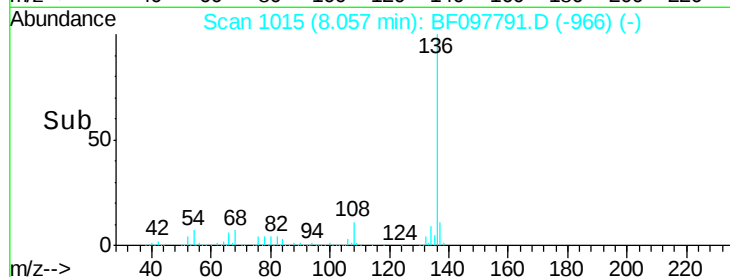
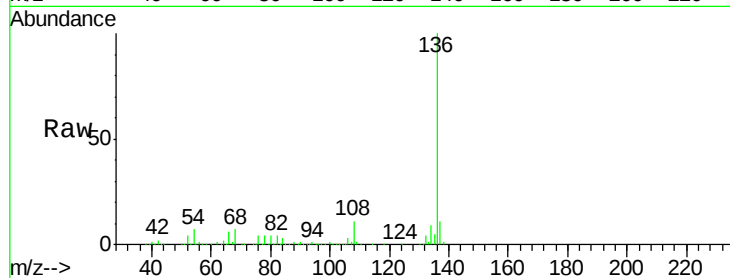
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.3 4.9 7.3

68 7.0 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 20.39 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF097791.D

Acq: 17 Aug 2017 17:37

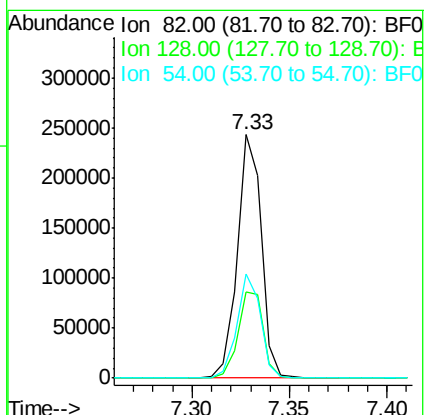
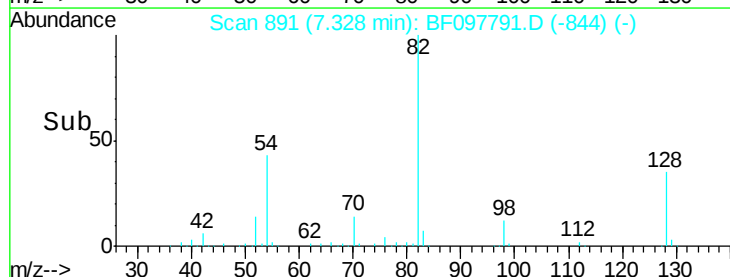
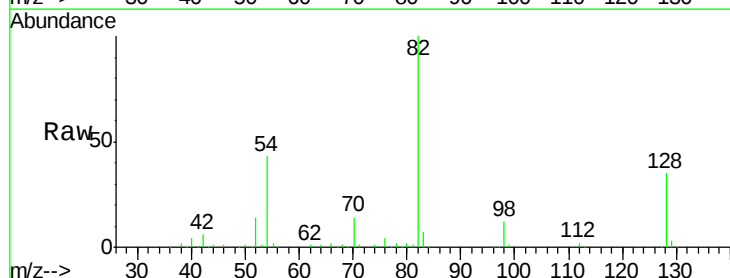
Tgt Ion: 82 Resp: 206800

Ion Ratio Lower Upper

82 100

128 35.3 34.0 51.0

54 42.8 42.2 63.2





#25

Isophorone

Concen: 9.79 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.28 min

Lab File: BF097791.D

Acq: 17 Aug 2017 17:37

Instrument :

BNA_F

ClientSampleId :

AU-05-081417-A

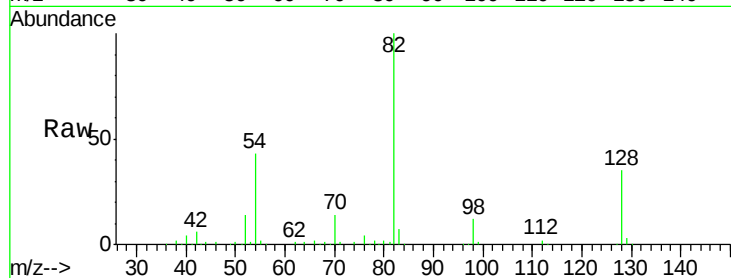
Tot Ion: 82 Resp: 206416

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

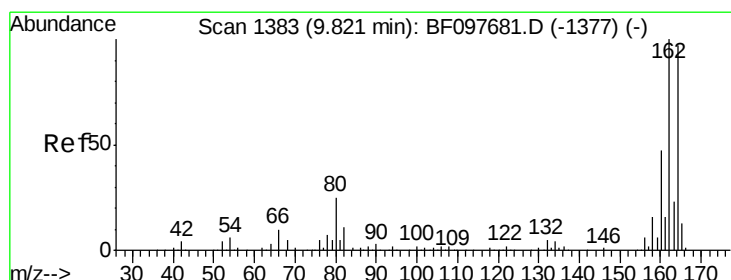
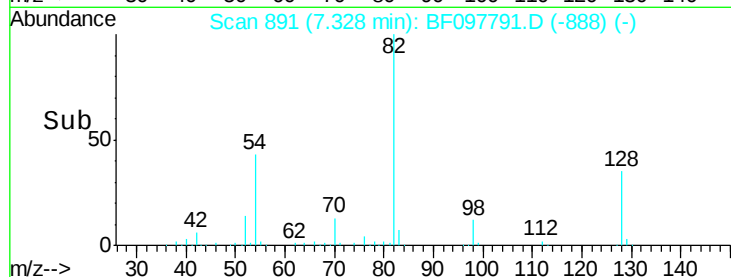
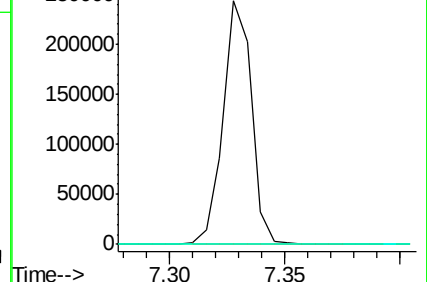
138 0.0 13.1 19.7#



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: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097791.D

Acq: 17 Aug 2017 17:37

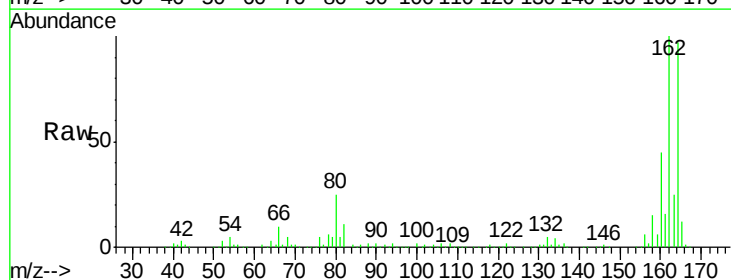
Tgt Ion: 164 Resp: 237197

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

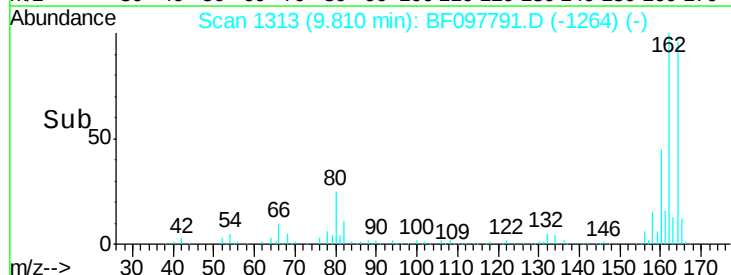
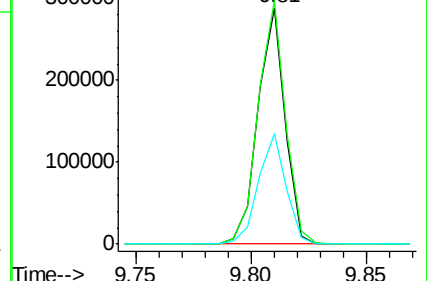
160 46.6 36.2 54.2

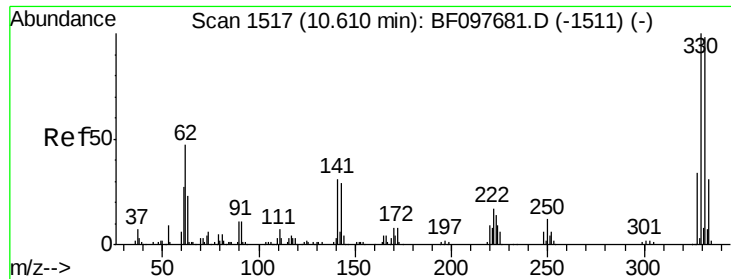


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

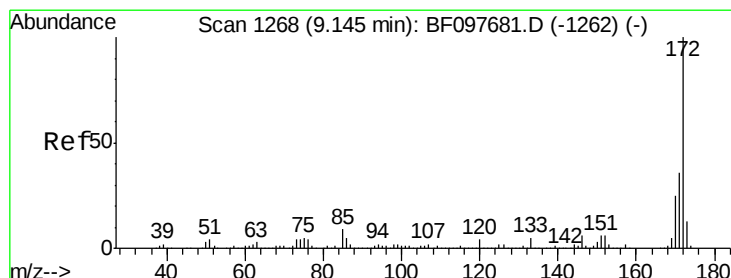
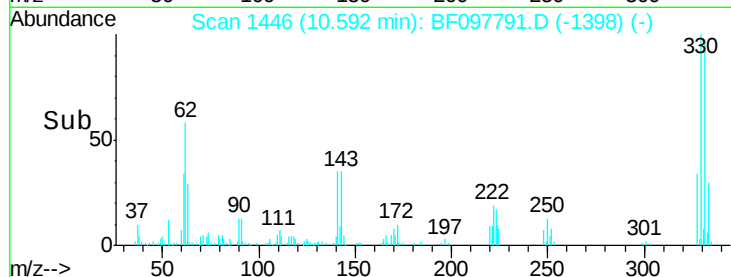
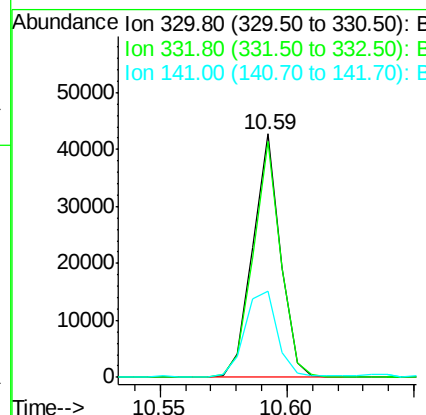
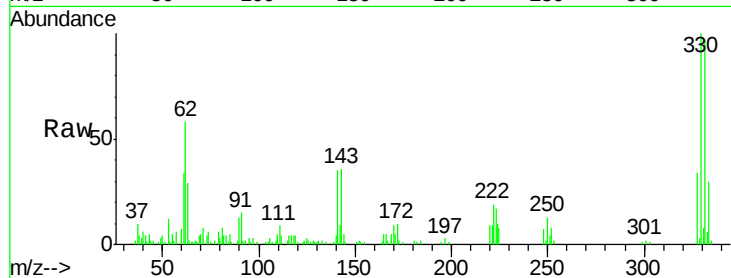




#41
 2,4,6-Tribromophenol
 Concen: 15.80 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097791.D
 Acq: 17 Aug 2017 17:37

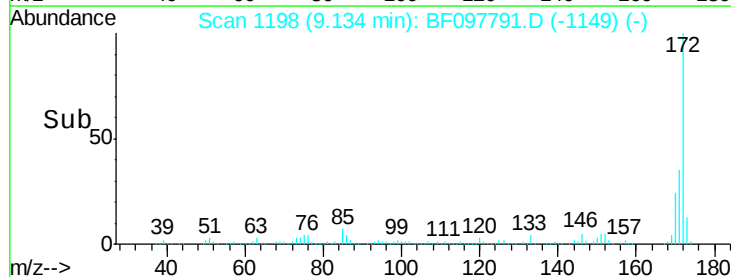
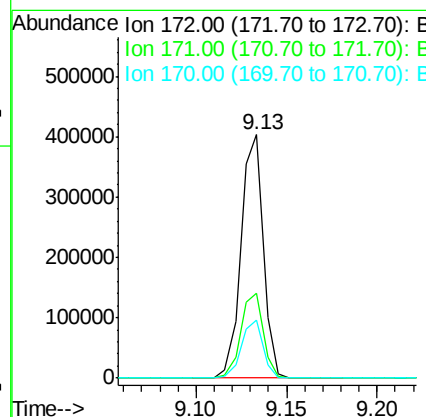
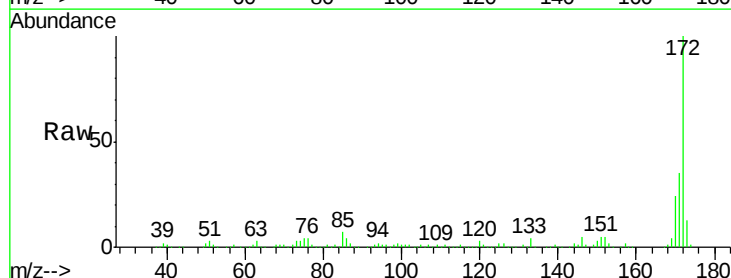
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-081417-A

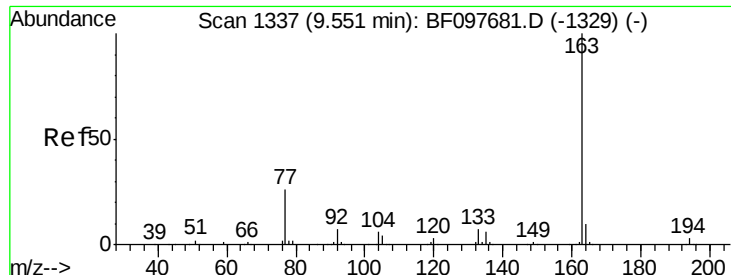
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	42.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 21.36 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097791.D
 Acq: 17 Aug 2017 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.7	19.8	29.8

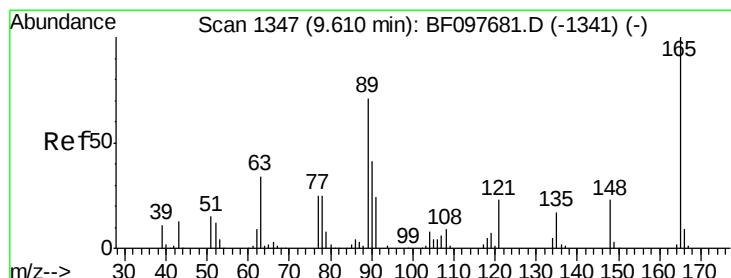
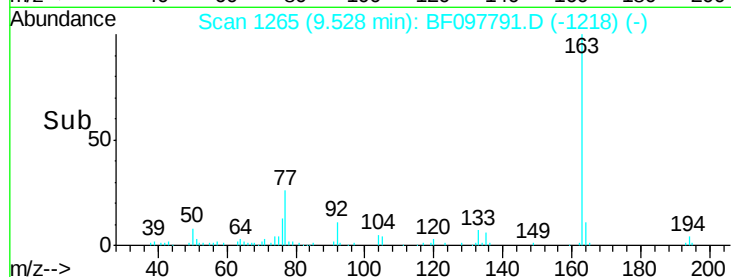
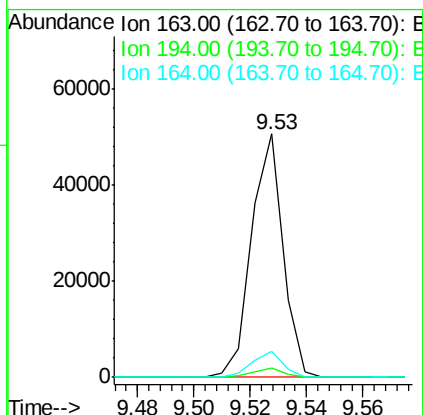
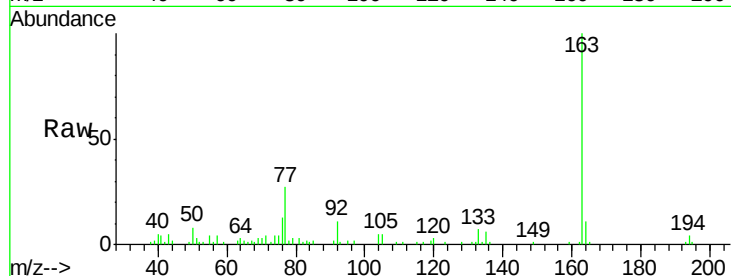




#49
Dimethylphthalate
Concen: 2.26 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097791.D
Acq: 17 Aug 2017 17:37

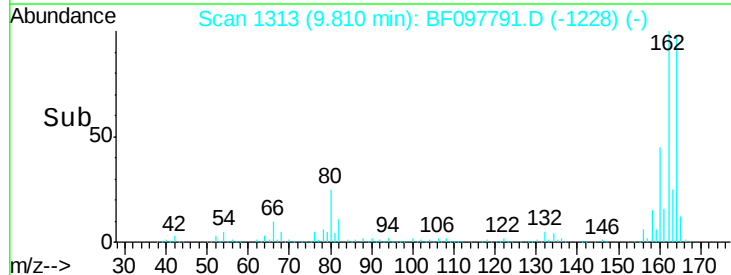
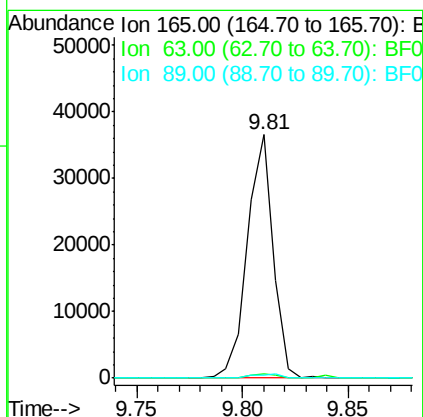
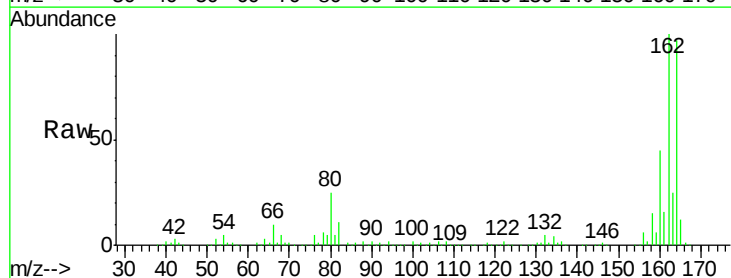
Instrument :
BNA_F
ClientSampleId :
AU-05-081417-A

Tot Ion:163 Resp: 39225
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.6 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 9.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.20 min
Lab File: BF097791.D
Acq: 17 Aug 2017 17:37

Tgt Ion:165 Resp: 31133
Ion Ratio Lower Upper
165 100
63 1.8 34.3 51.5#
89 1.2 37.1 55.7#

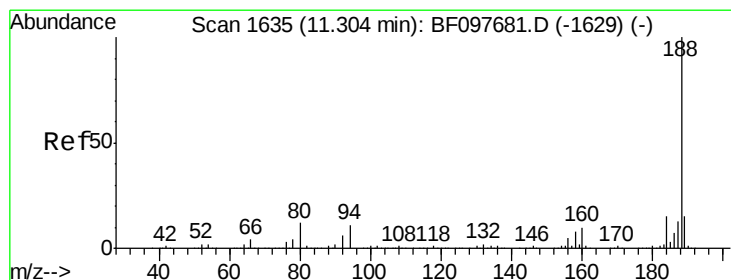
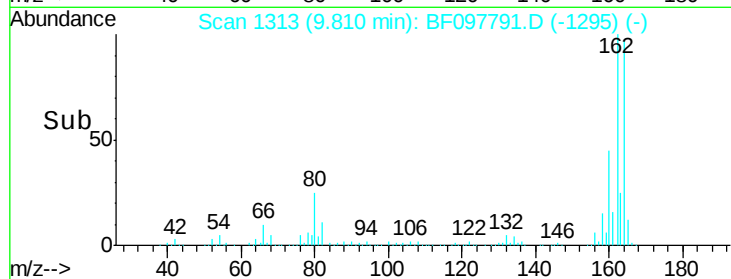
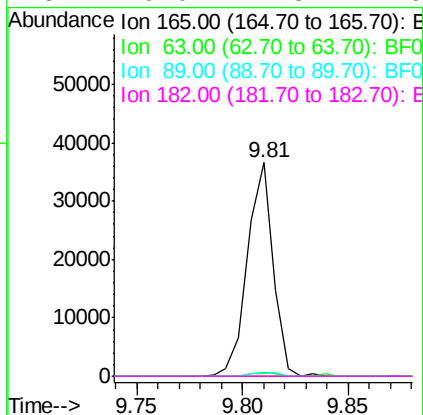
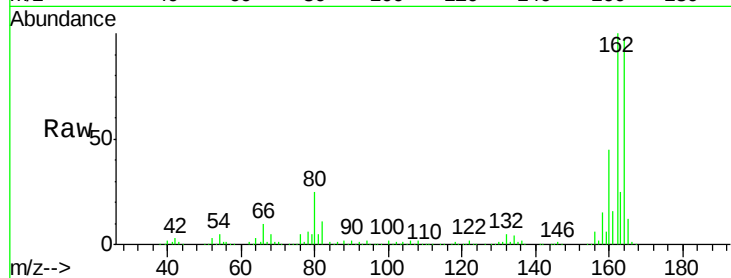




#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097791.D
 Acq: 17 Aug 2017 17:37

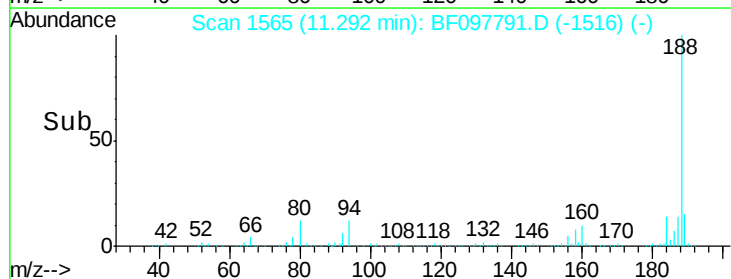
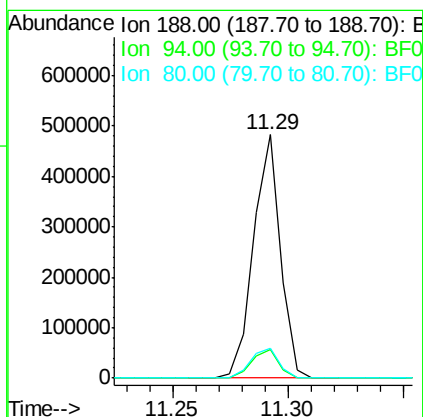
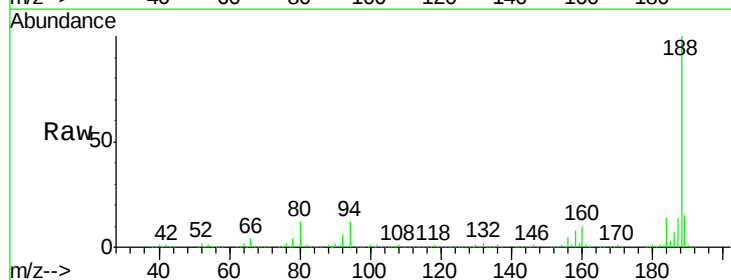
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-081417-A

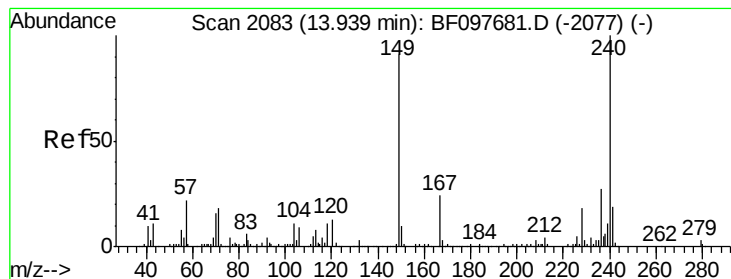
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097791.D
 Acq: 17 Aug 2017 17:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.1	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097791.D

Acq: 17 Aug 2017 17:37

Instrument :

BNA_F

ClientSampleId :

AU-05-081417-A

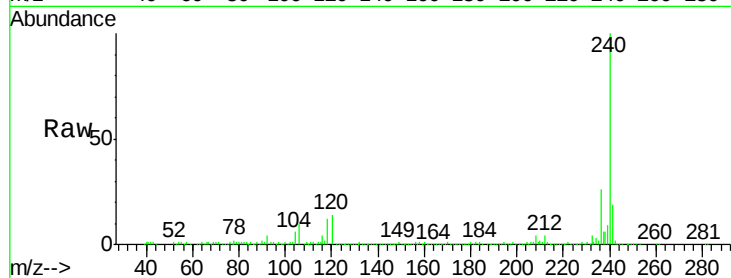
Tot Ion:240 Resp: 292003

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

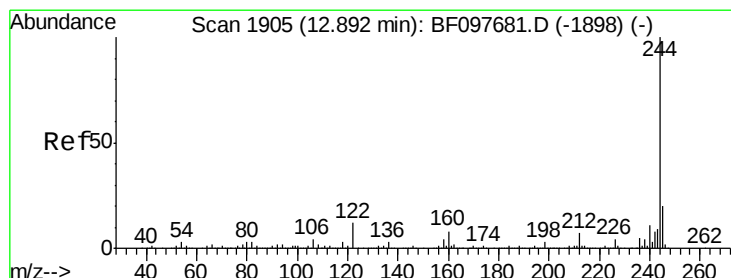
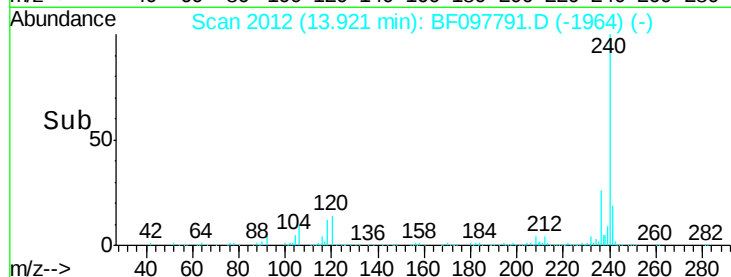
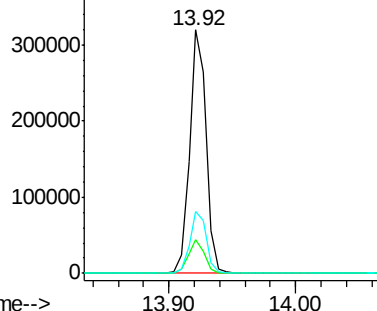
236 25.6 20.5 30.7



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: 15.38 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097791.D

Acq: 17 Aug 2017 17:37

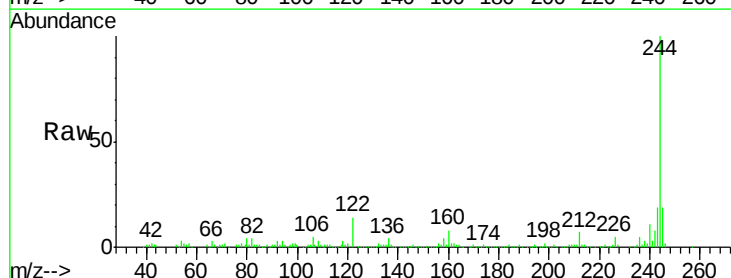
Tgt Ion:244 Resp: 215301

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

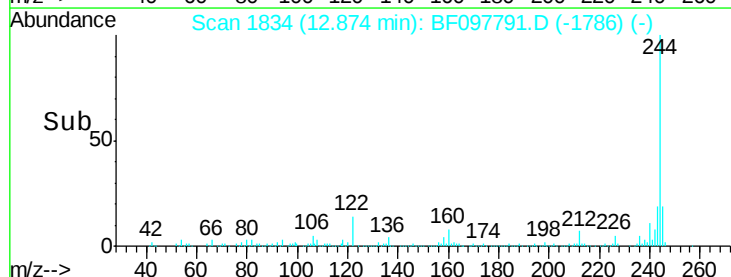
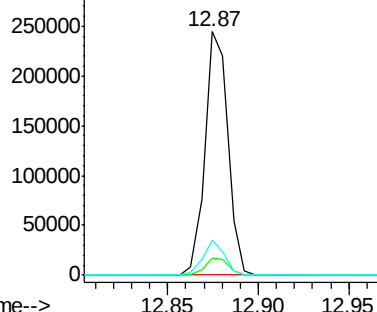
122 14.2 10.3 15.5

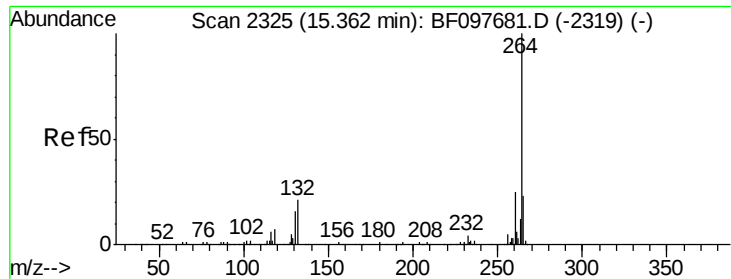


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

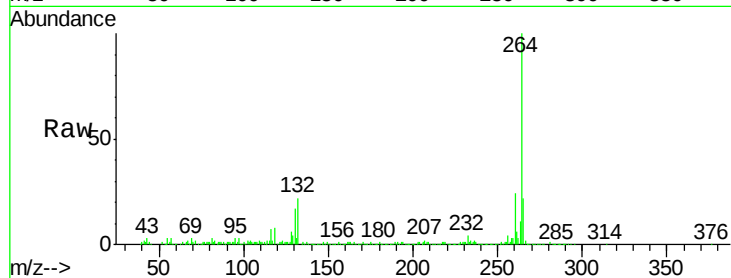




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF097791.D
Acq: 17 Aug 2017 17:37

Instrument :
BNA_F
ClientSampleId :
AU-05-081417-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	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

