

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097795.D
 Acq On : 17 Aug 2017 19:30
 Operator : SJ/JU
 Sample : I4799-04 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 18 01:32:35 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

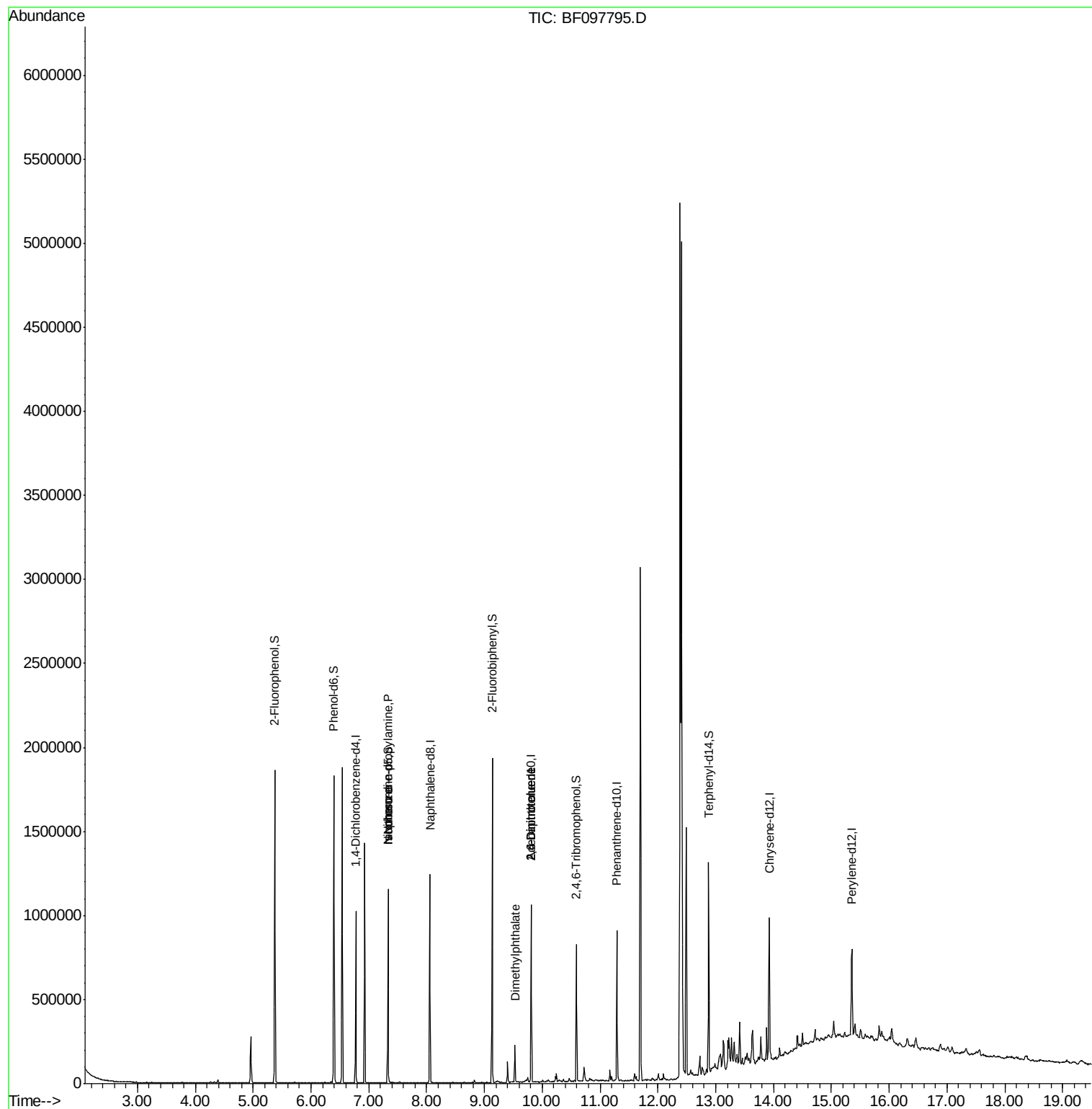
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127373	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	468901	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	176961	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	268068	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	281608	20.00	ng	-0.01
86) Perylene-d12	15.36	264	230971	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	467293	55.80	ng	-0.01
7) Phenol-d6	6.40	99	605137	53.19	ng	-0.01
23) Nitrobenzene-d5	7.33	82	352398	40.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	71621	46.65	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	516487	42.88	ng	-0.01
78) Terphenyl-d14	12.88	244	342923	25.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	47383	6.08	ng	# 71
25) Isophorone	7.33	82	352197	19.62	ng	# 67
49) Dimethylphthalate	9.53	163	67839	5.24	ng	98
50) 2,6-Dinitrotoluene	9.81	165	22628	8.76	ng	# 34
56) 2,4-Dinitrotoluene	9.81	165	22628	6.98	ng	# 34

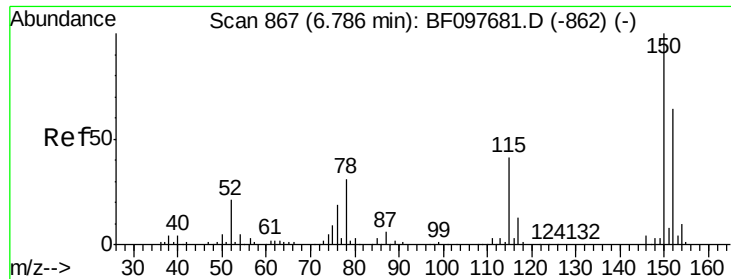
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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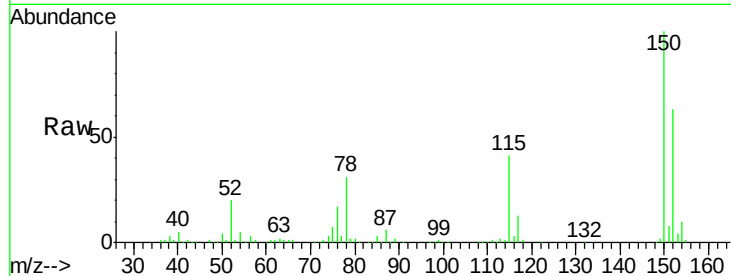


#1

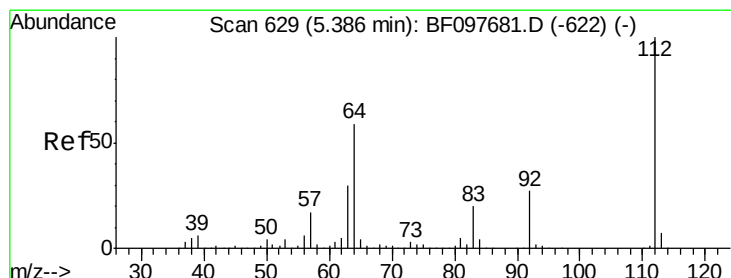
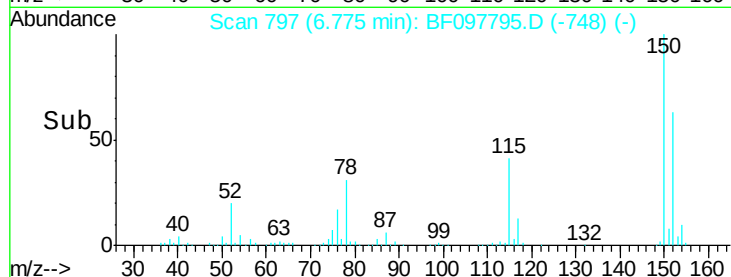
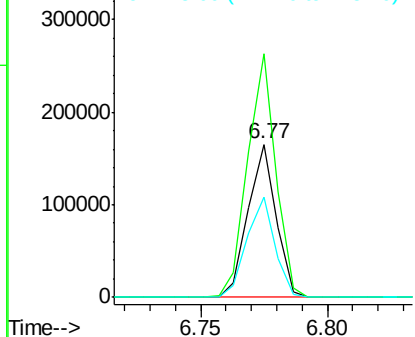
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097795.D
Acq: 17 Aug 2017 19:30

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

Tot Ion:152 Resp: 127373
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 65.3 52.2 78.2



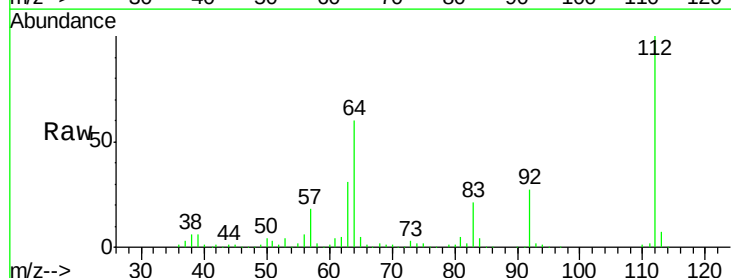
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



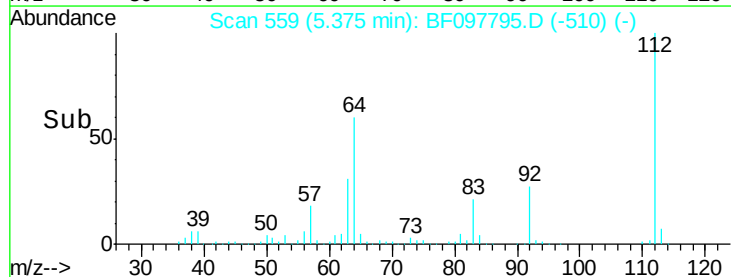
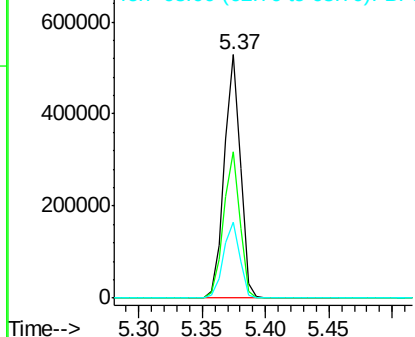
#5

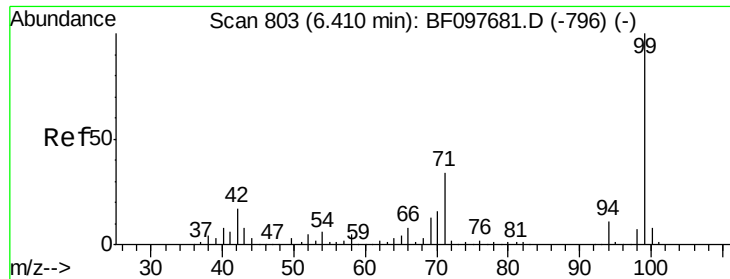
2-Fluorophenol
Concen: 55.80 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097795.D
Acq: 17 Aug 2017 19:30

Tgt Ion:112 Resp: 467293
Ion Ratio Lower Upper
112 100
64 60.1 46.0 69.0
63 31.3 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: 53.19 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

Instrument :

BNA_F

ClientSampleId :

AU-05-081417-B

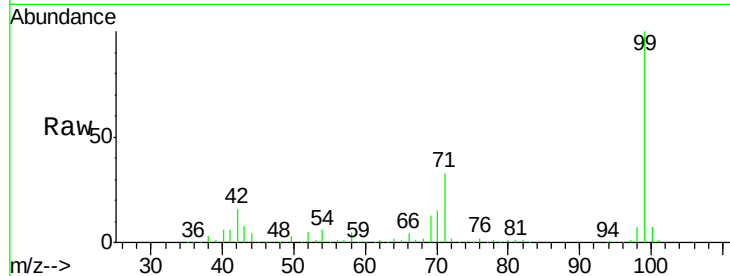
Tot Ion: 99 Resp: 605137

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

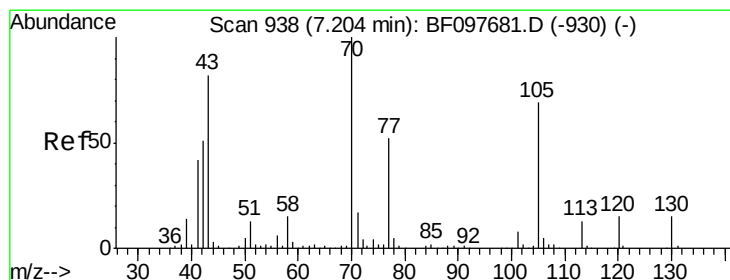
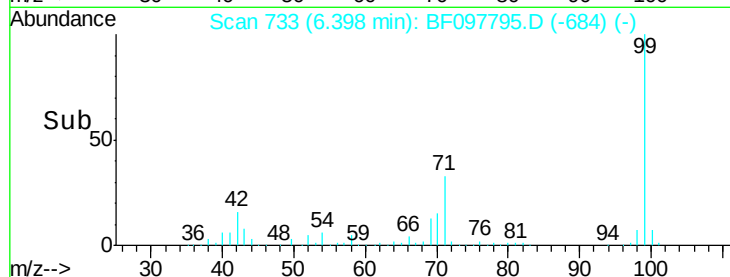
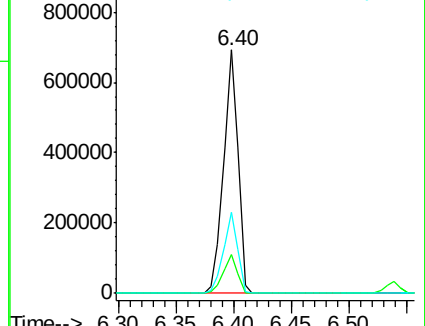
71 33.1 24.5 36.7



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: 6.08 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.13 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

Tgt Ion: 70 Resp: 47383

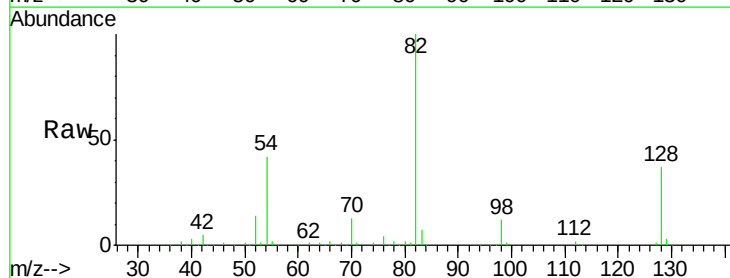
Ion Ratio Lower Upper

70 100

42 39.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

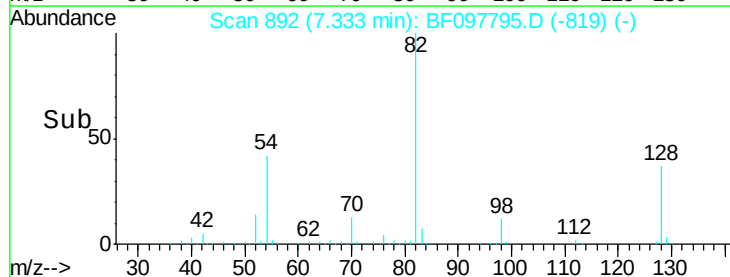
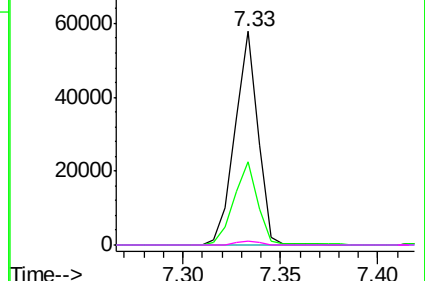


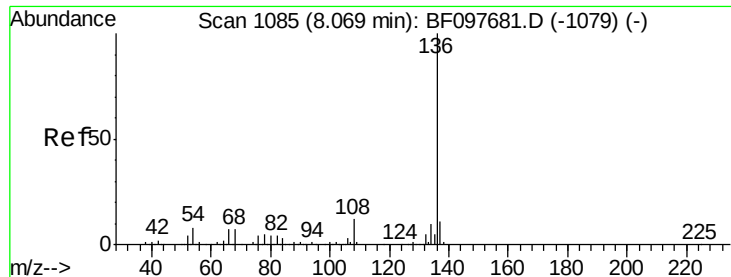
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF097795.D

Acq: 17 Aug 2017 19:30

Instrument :

BNA_F

ClientSampleId :

AU-05-081417-B

Tot Ion:136 Resp: 468901

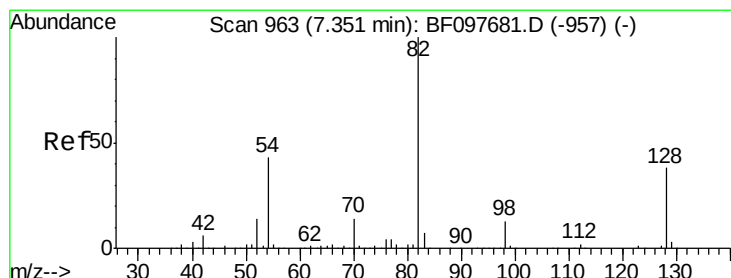
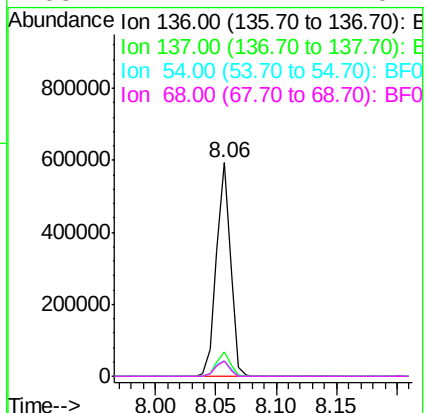
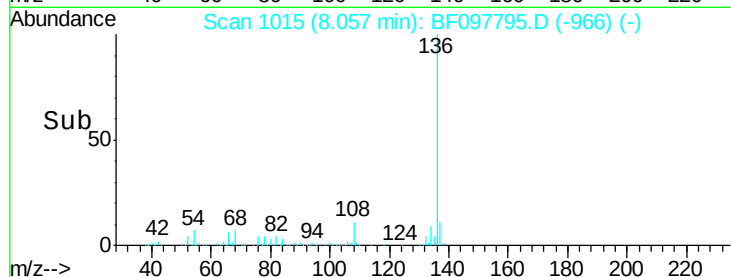
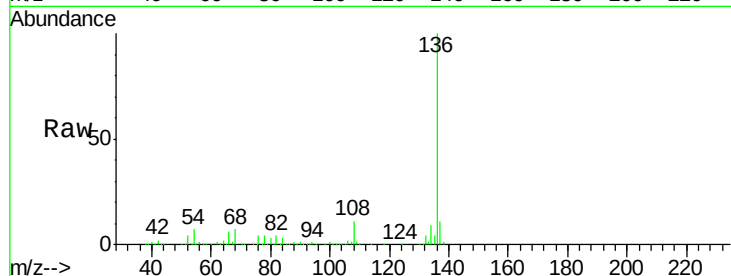
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.3 4.9 7.3#

68 7.4 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 40.83 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

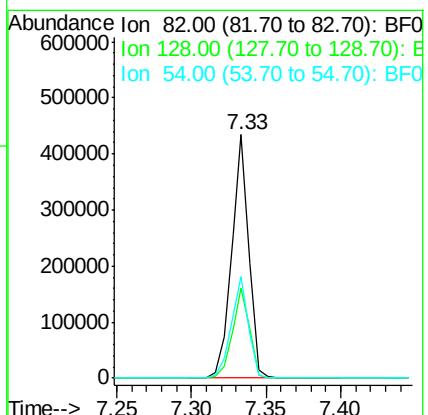
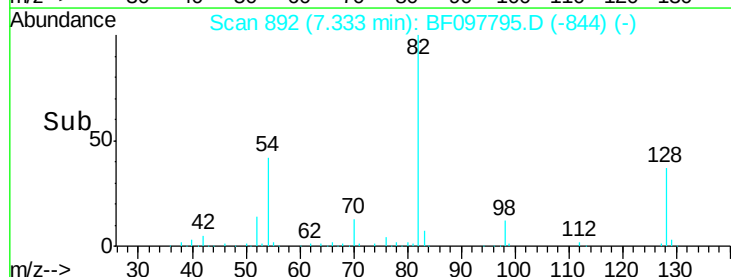
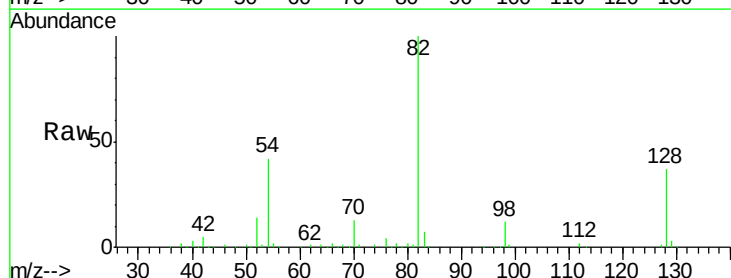
Tgt Ion: 82 Resp: 352398

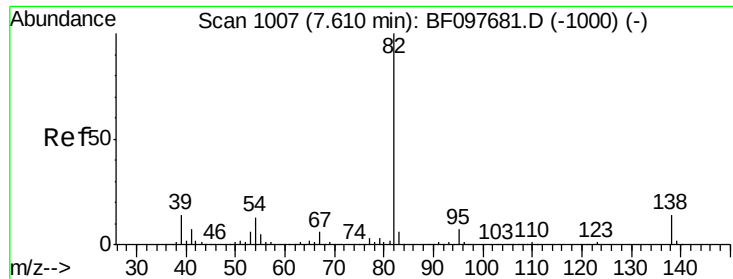
Ion Ratio Lower Upper

82 100

128 36.9 34.0 51.0

54 41.8 42.2 63.2#

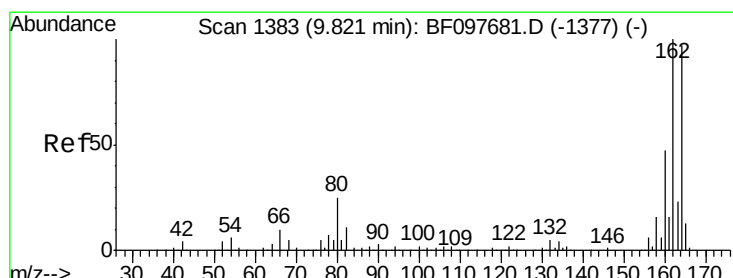
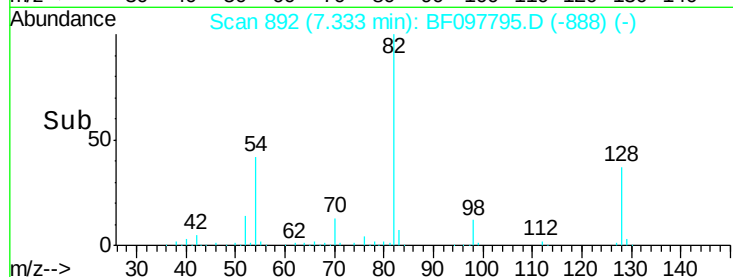
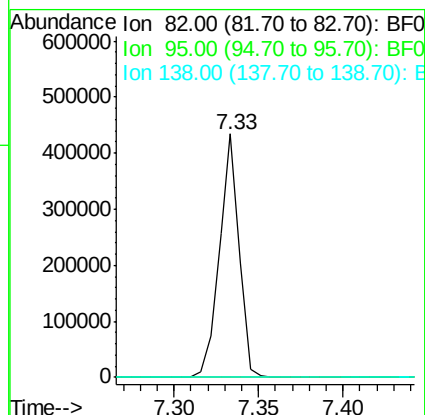
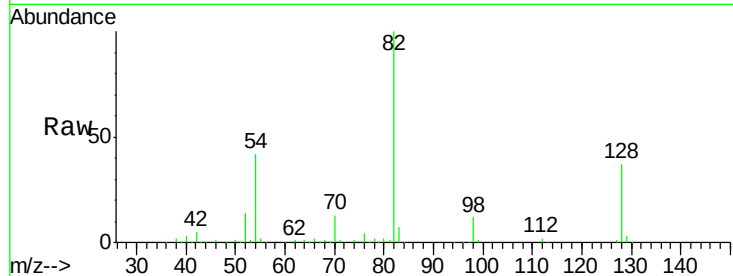




#25
Isophorone
Concen: 19.62 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.28 min
Lab File: BF097795.D
Acq: 17 Aug 2017 19:30

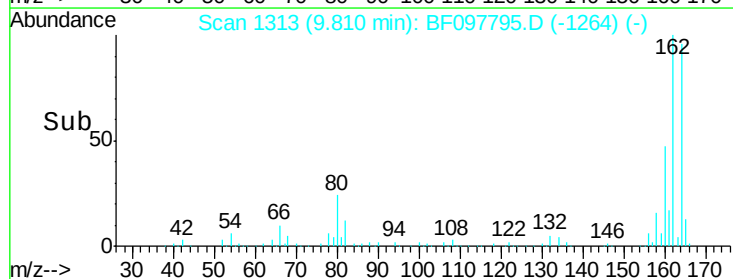
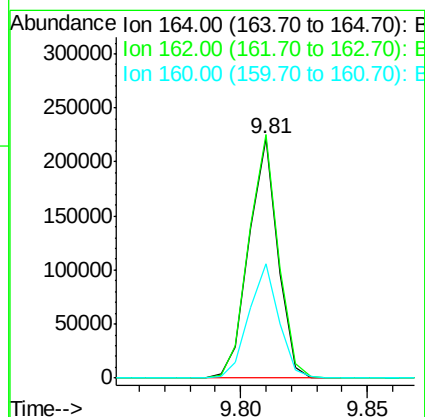
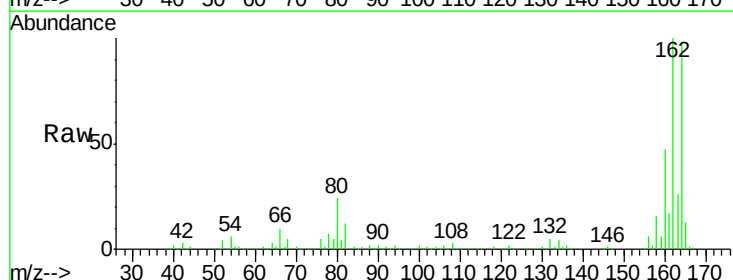
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AU-05-081417-B

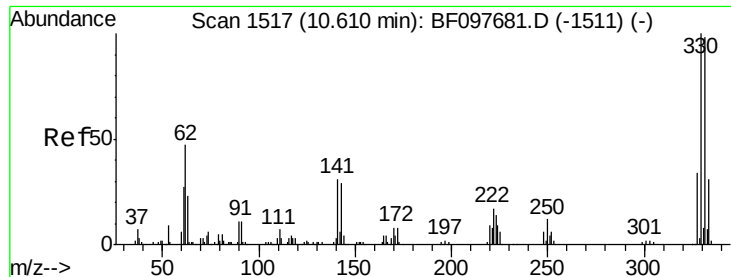
Tot Ion: 82 Resp: 352197
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097795.D
Acq: 17 Aug 2017 19:30

Tgt Ion: 164 Resp: 176961
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 47.5 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 46.65 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

Instrument :

BNA_F

ClientSampleId :

AU-05-081417-B

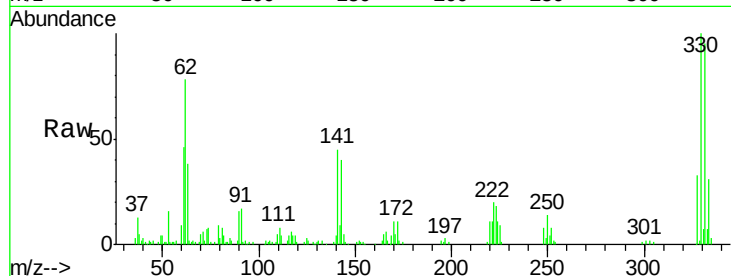
Tot Ion:330 Resp: 71621

Ion Ratio Lower Upper

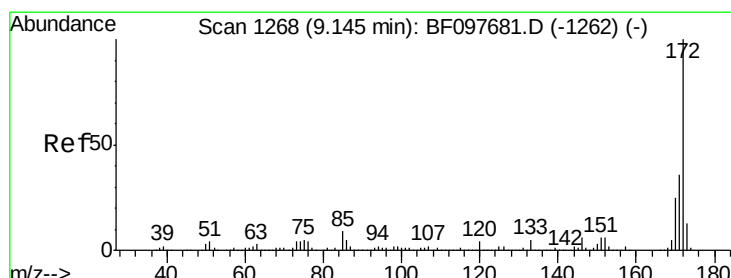
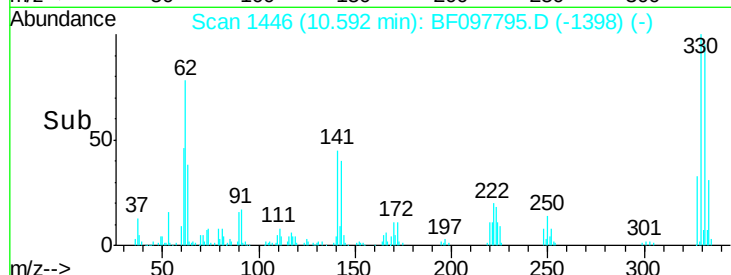
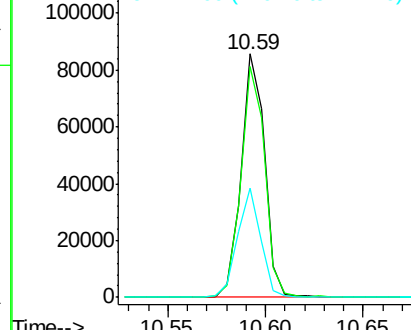
330 100

332 95.7 76.6 115.0

141 43.9 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: 42.88 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

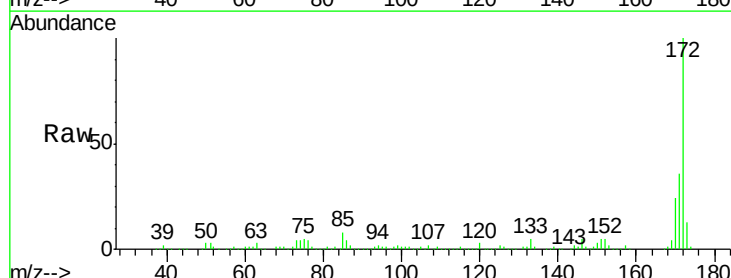
Tgt Ion:172 Resp: 516487

Ion Ratio Lower Upper

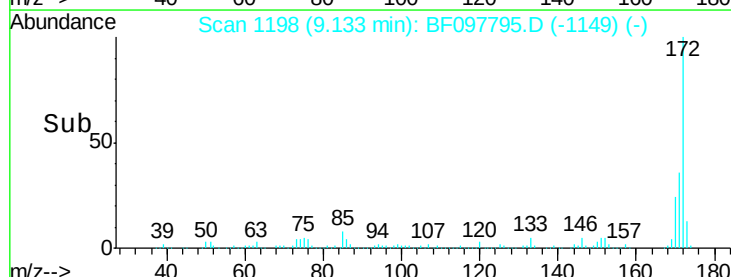
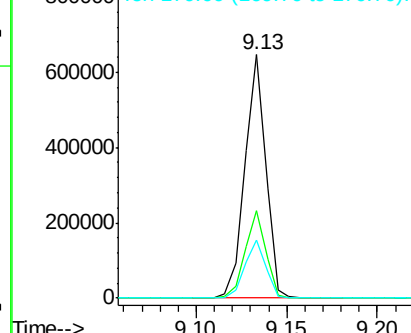
172 100

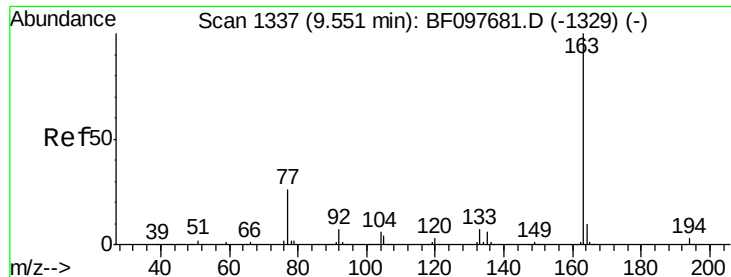
171 35.7 29.6 44.4

170 23.8 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

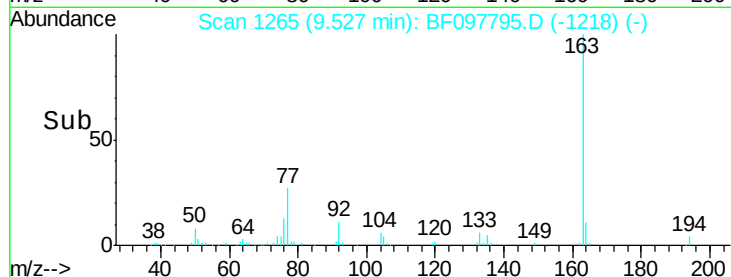
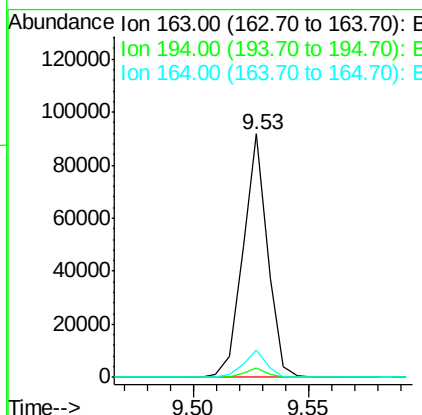
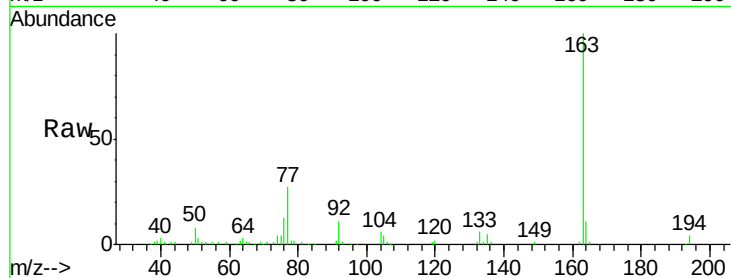




#49
Dimethylphthalate
Concen: 5.24 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097795.D
Acq: 17 Aug 2017 19:30

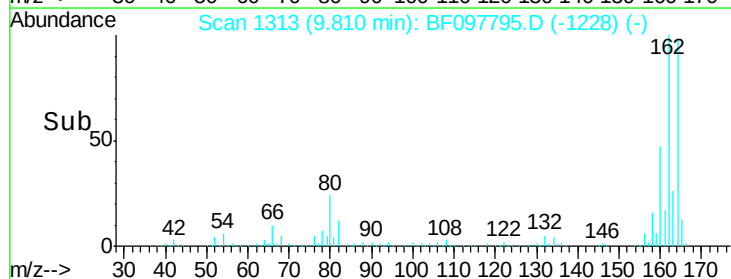
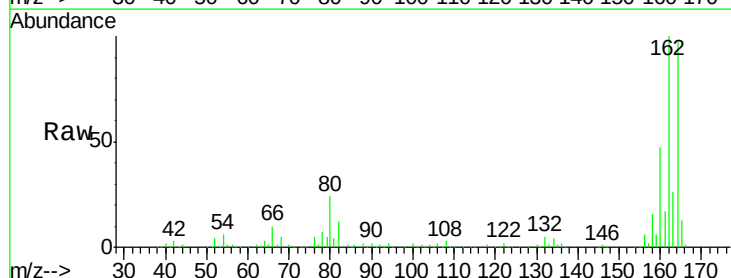
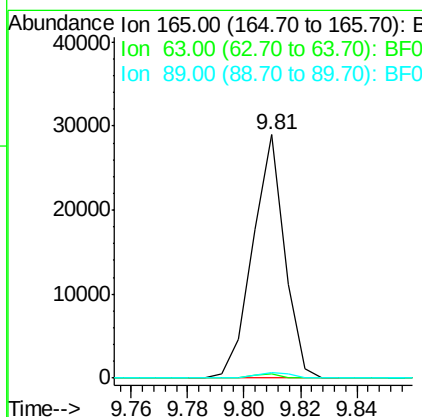
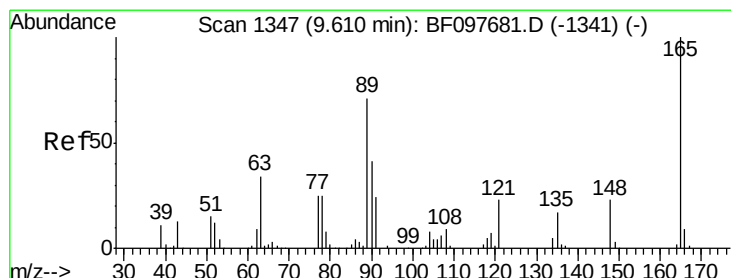
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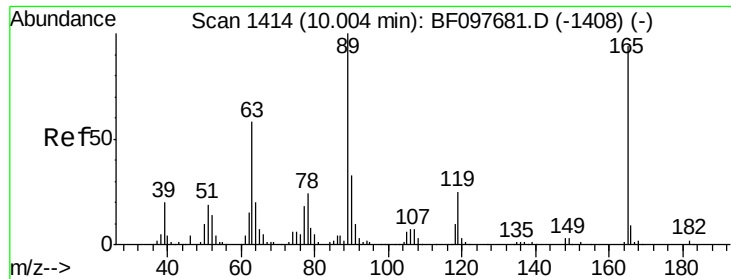
Tot Ion:163 Resp: 67839
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 11.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 8.76 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.20 min
Lab File: BF097795.D
Acq: 17 Aug 2017 19:30

Tgt Ion:165 Resp: 22628
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 2.1 37.1 55.7#





#56

2,4-Dinitrotoluene

Concen: 6.98 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

Instrument :

BNA_F

ClientSampleId :

AU-05-081417-B

Tot Ion:165 Resp: 22628

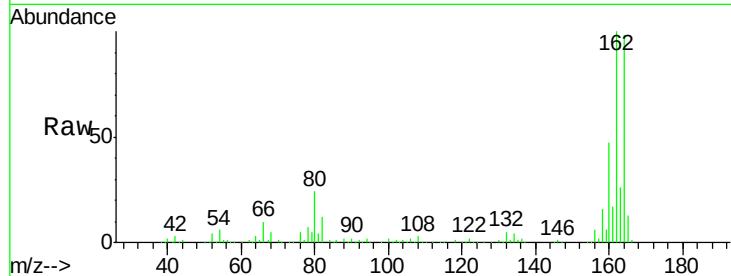
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 2.1 46.4 69.6#

182 0.0 1.8 2.6#

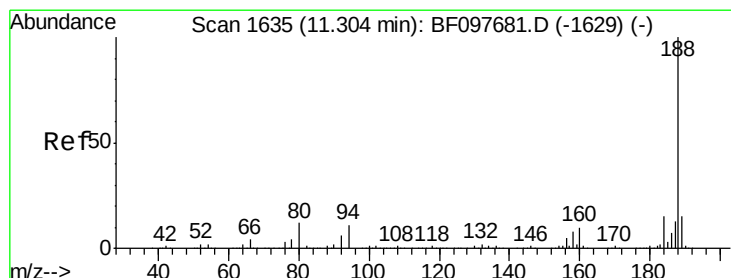
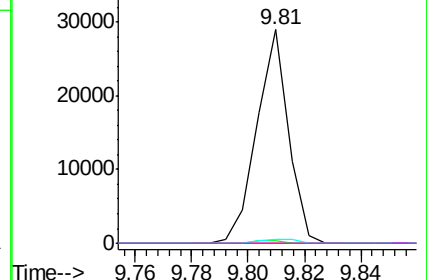
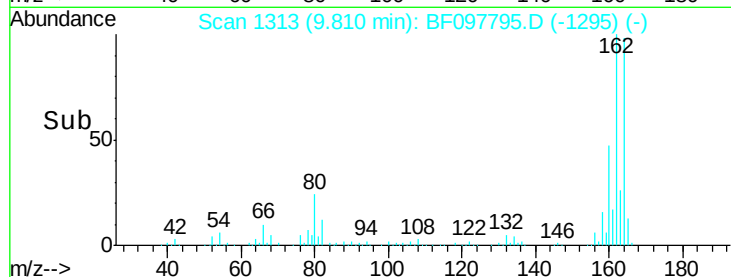


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

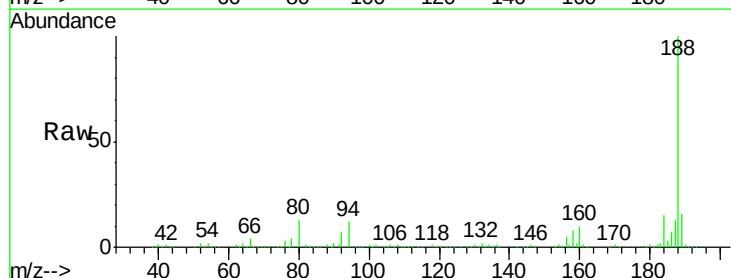
Tgt Ion:188 Resp: 268068

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

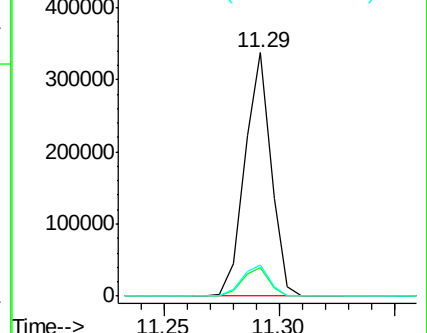
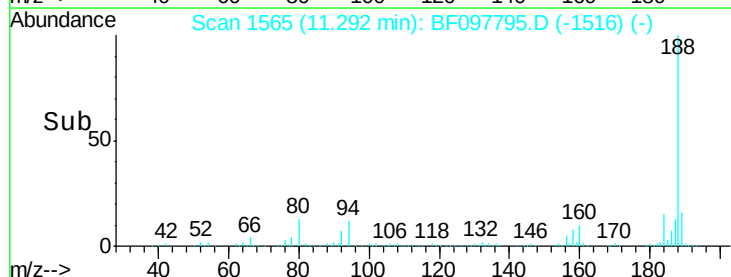
80 12.6 10.2 15.2

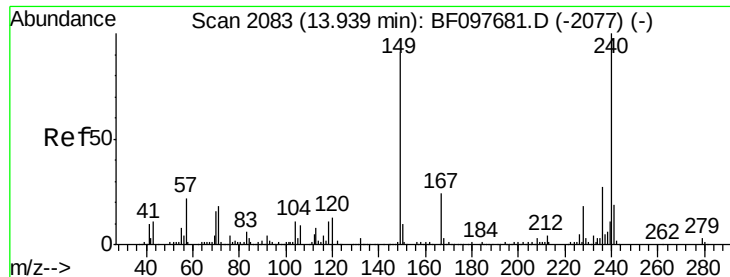


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

Instrument :

BNA_F

ClientSampleId :

AU-05-081417-B

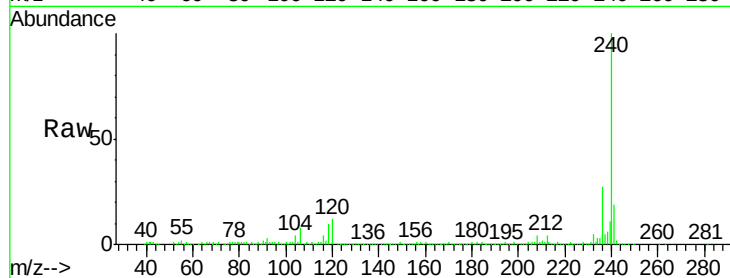
Tot Ion:240 Resp: 281608

Ion Ratio Lower Upper

240 100

120 11.7 5.8 8.8#

236 26.7 20.5 30.7

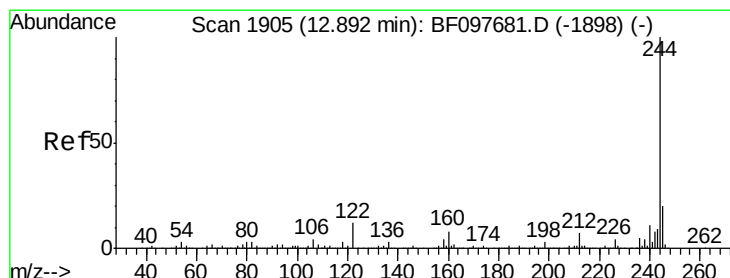
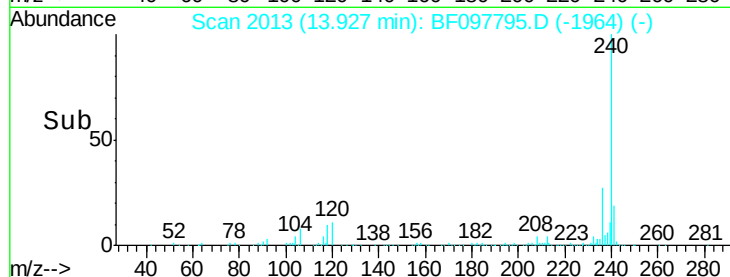


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 13.85 13.90 13.95 14.00



#78

Terphenyl-d14

Concen: 25.39 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

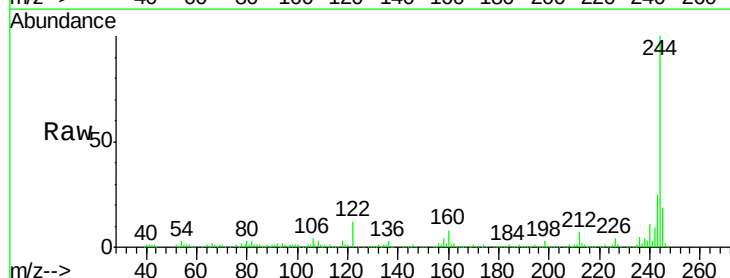
Tgt Ion:244 Resp: 342923

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 11.9 10.3 15.5

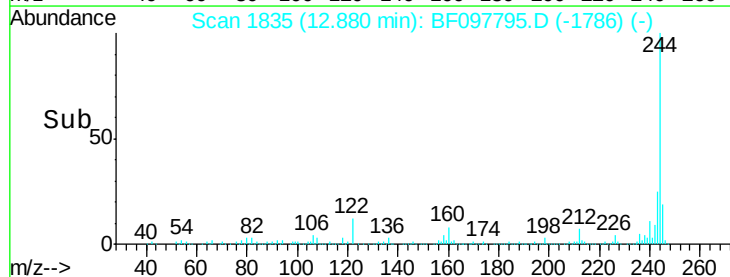


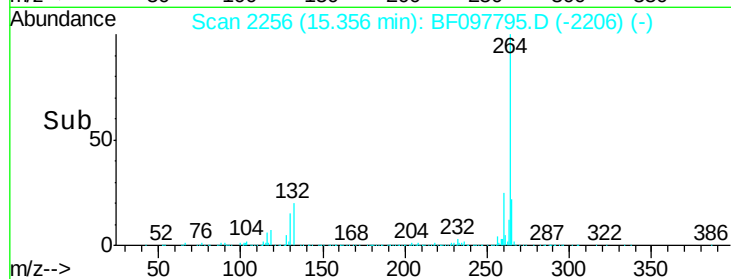
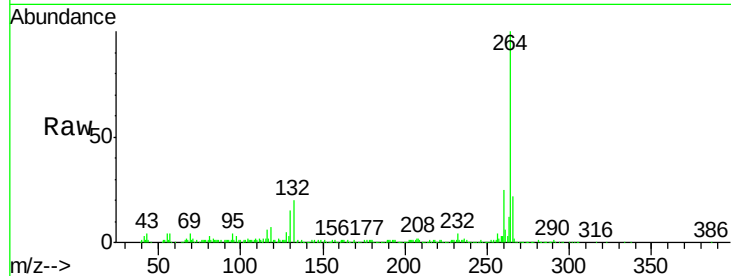
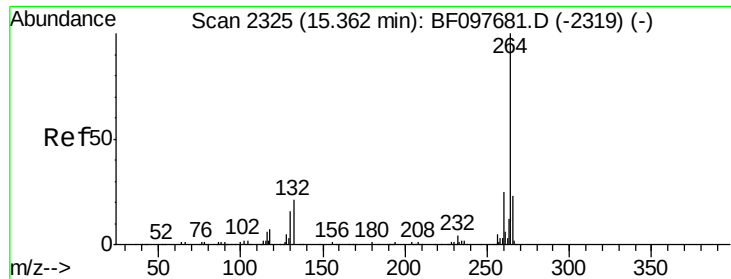
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.85 12.90 12.95





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097795.D
Acq: 17 Aug 2017 19:30

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.3	17.2	25.8

