

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 03:32:41 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

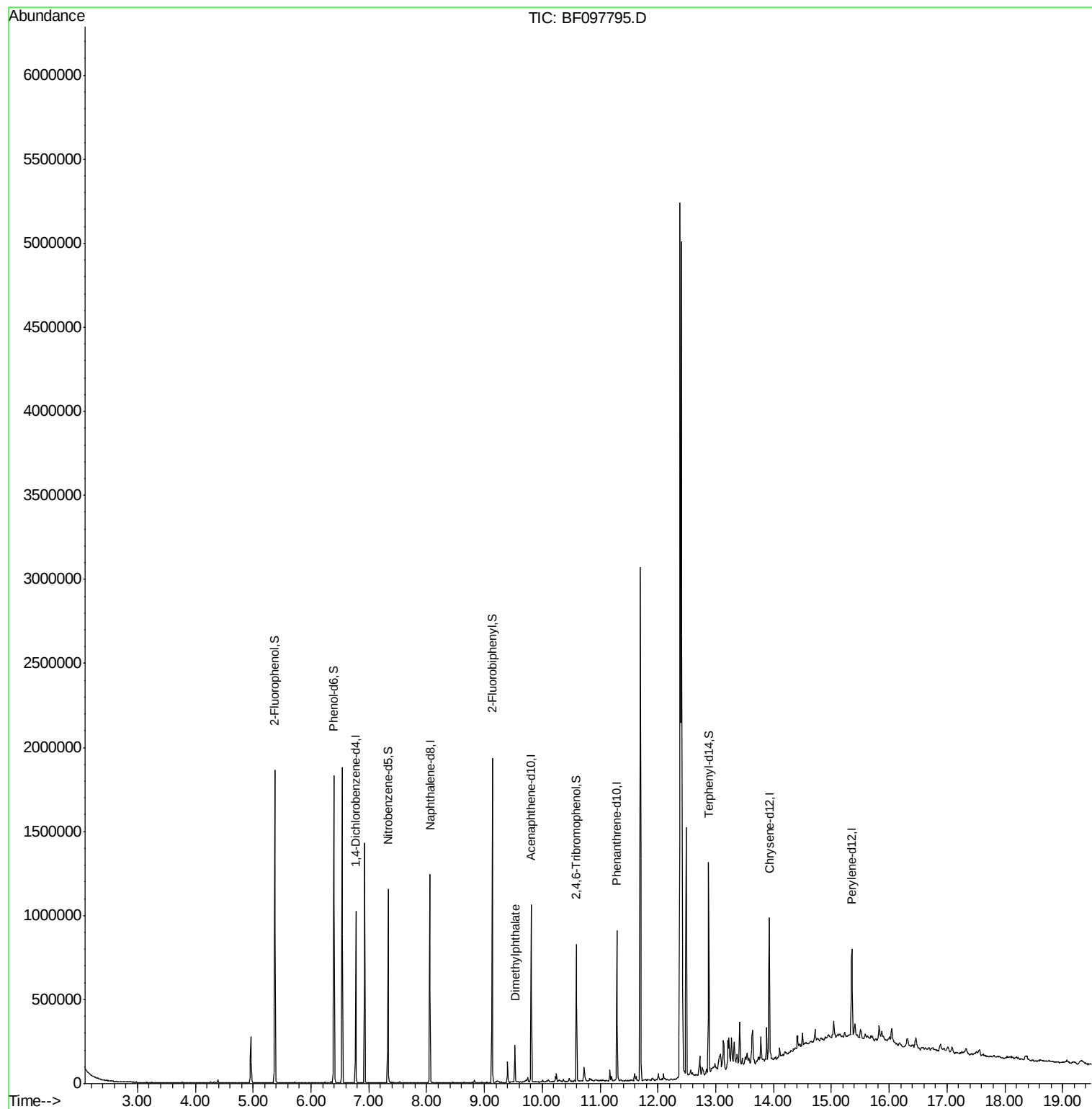
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127373	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	468901	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	176961	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	268068	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	281608	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						Qvalue
49) Dimethylphthalate	9.53	163	67839	5.244	ng	98

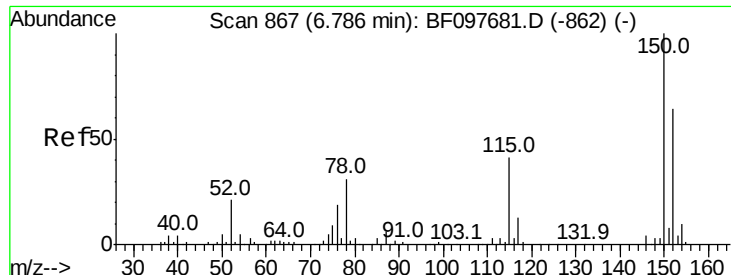
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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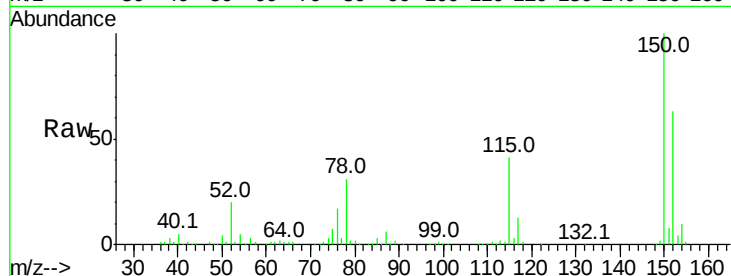


#1

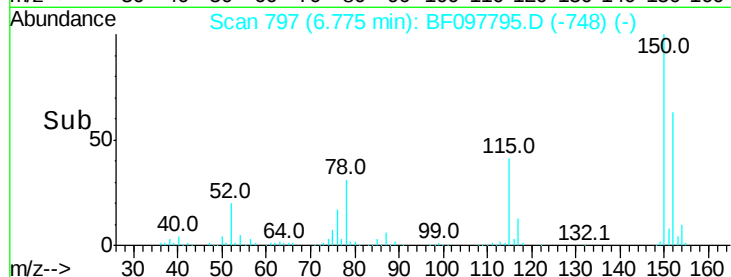
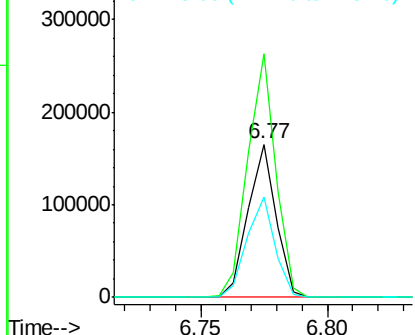
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097795.D
 Acq: 17 Aug 2017 19:30

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



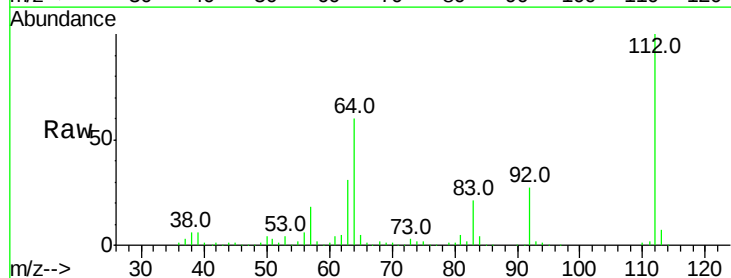
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



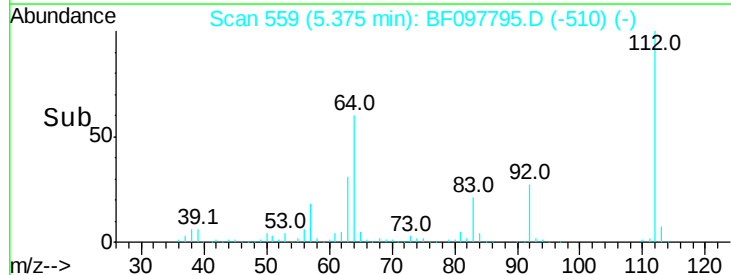
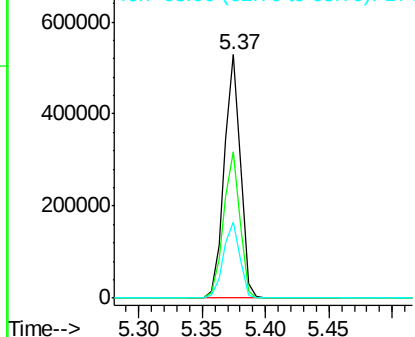
#5

2-Fluorophenol
 Concen: 55.804 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: 53.186 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

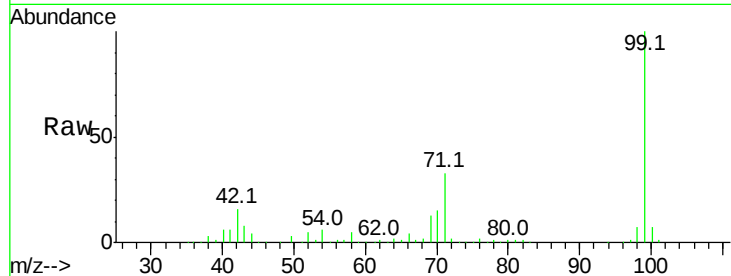
Tot Ion: 99 Resp: 605137

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

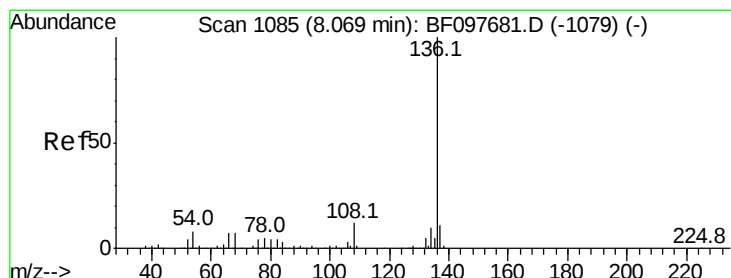
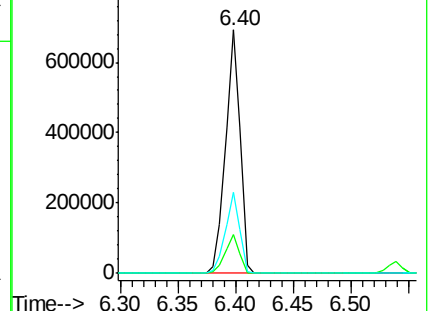
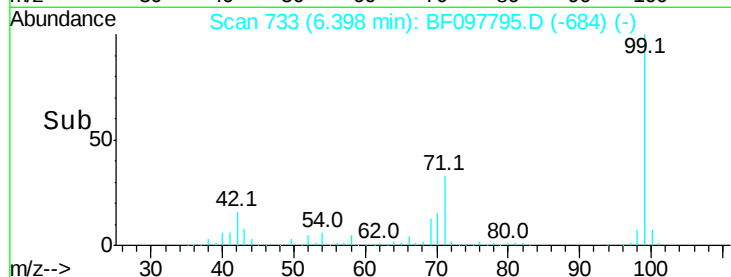
71 33.1 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

Tgt Ion: 136 Resp: 468901

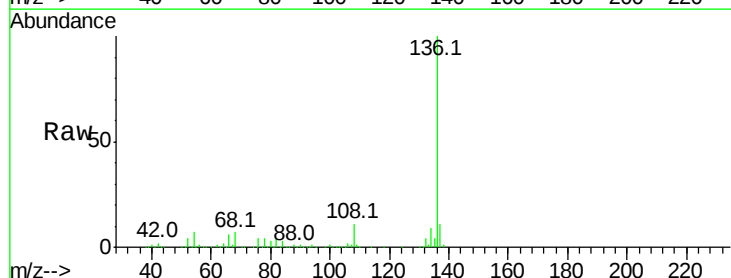
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.3 4.9 7.3#

68 7.4 4.1 6.1#

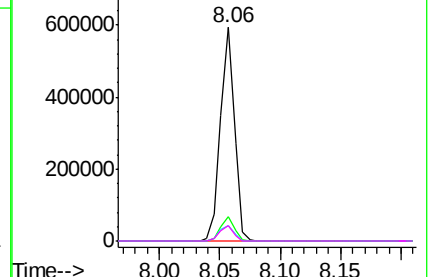
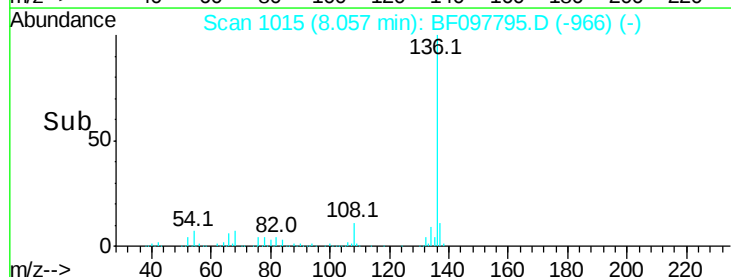


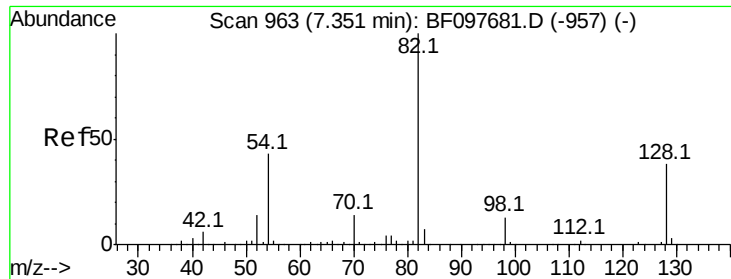
Abundance Ion 136.00 (135.70 to 136.70): E

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

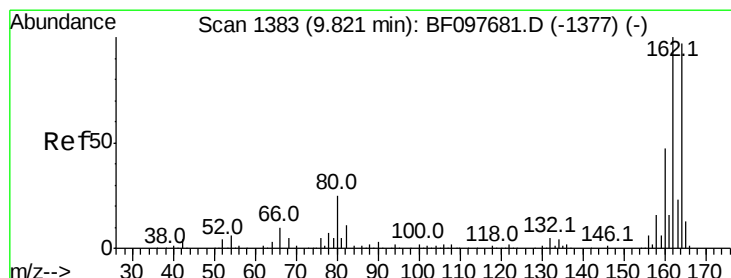
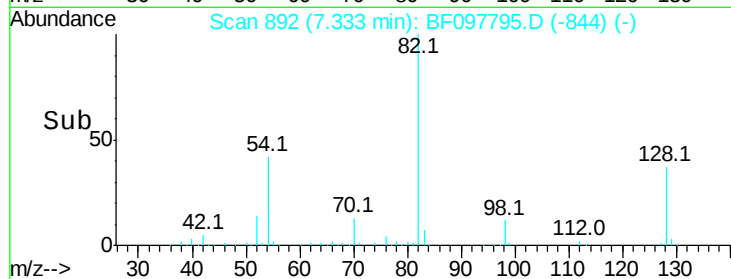
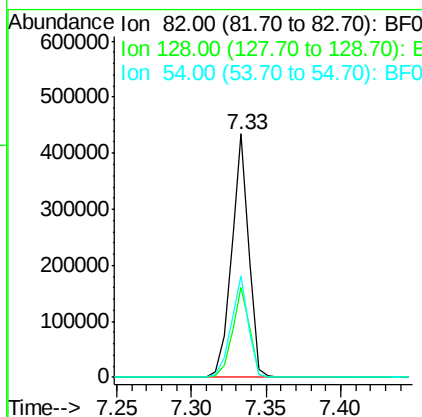
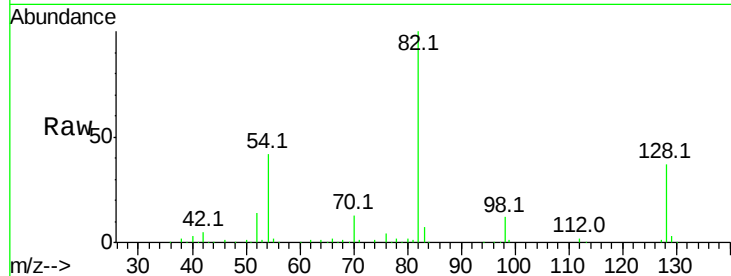




#23
 Nitrobenzene-d5
 Concen: 40.827 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097795.D
 Acq: 17 Aug 2017 19:30

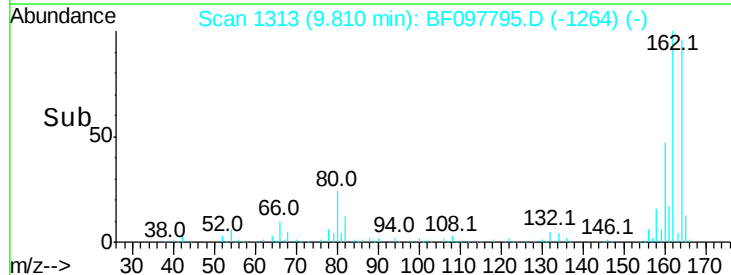
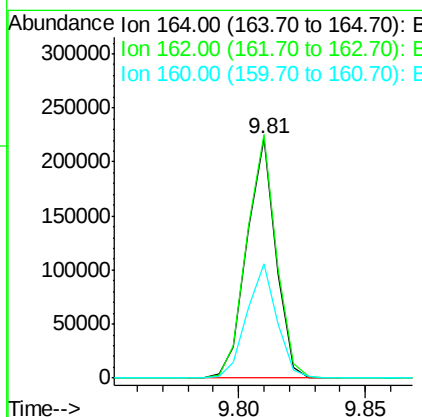
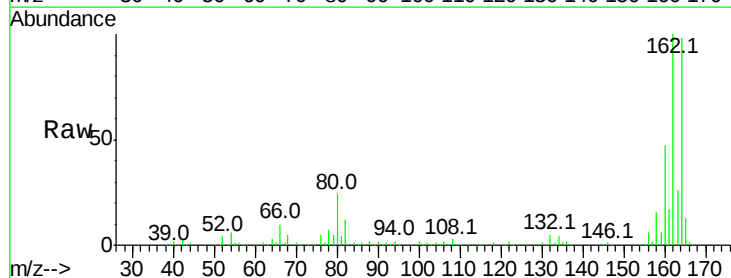
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-081417-B

Tot Ion: 82 Resp: 352398
 Ion Ratio Lower Upper
 82 100
 128 36.9 34.0 51.0
 54 41.8 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 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

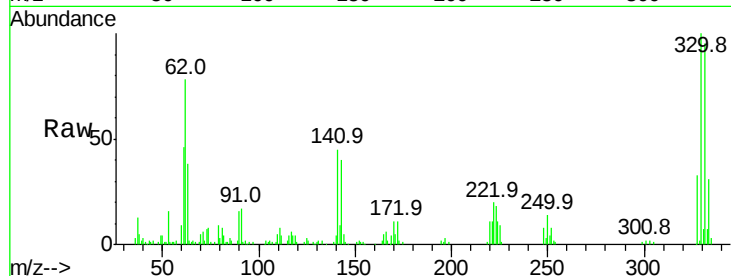




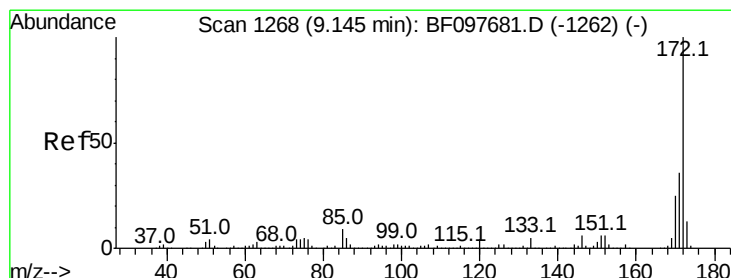
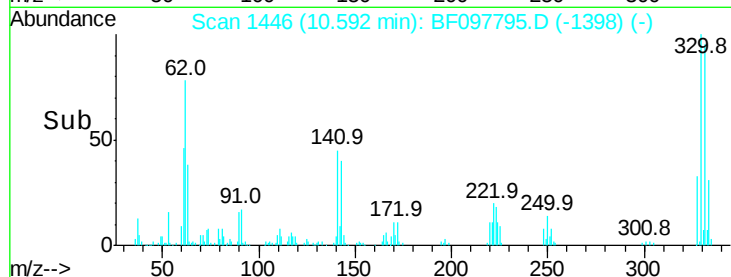
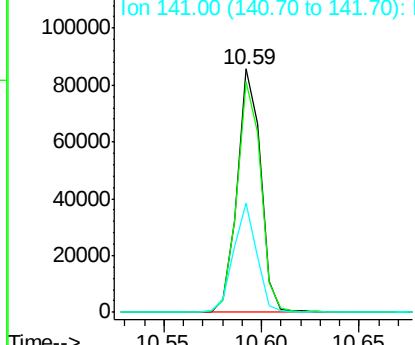
#41
 2,4,6-Tribromophenol
 Concen: 46.646 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097795.D
 Acq: 17 Aug 2017 19:30

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

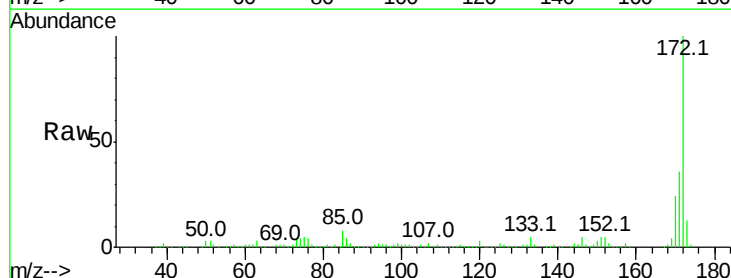


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

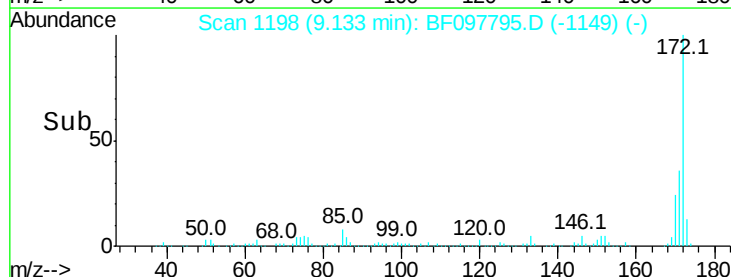
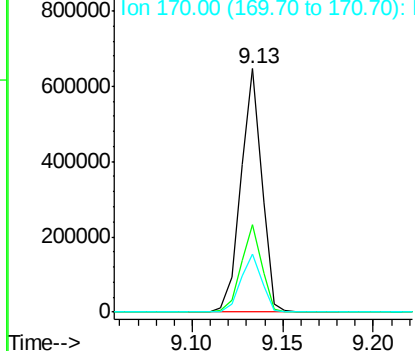


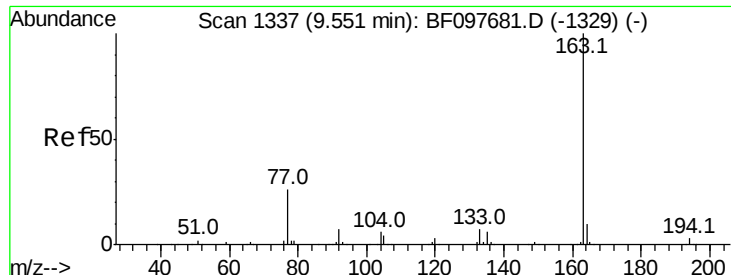
#44
 2-Fluorobiphenyl
 Concen: 42.881 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097795.D
 Acq: 17 Aug 2017 19:30

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

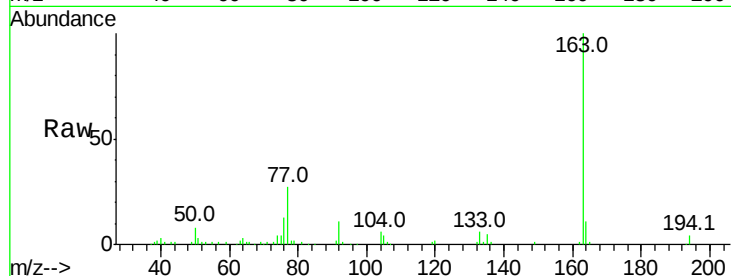




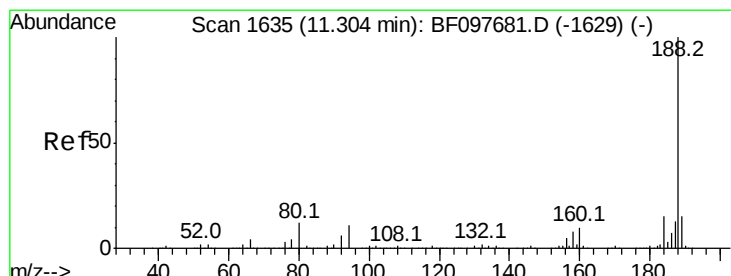
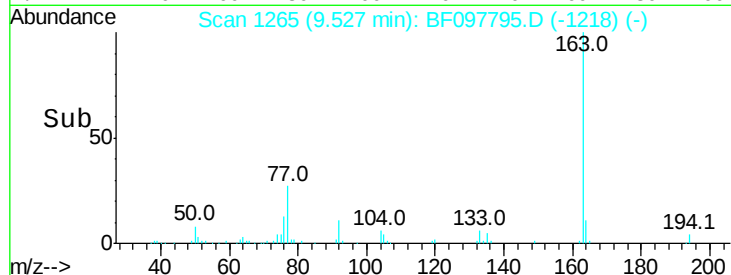
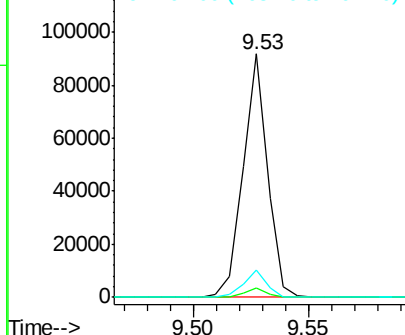
#49
Dimethylphthalate
Concen: 5.244 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097795.D
Acq: 17 Aug 2017 19:30

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

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

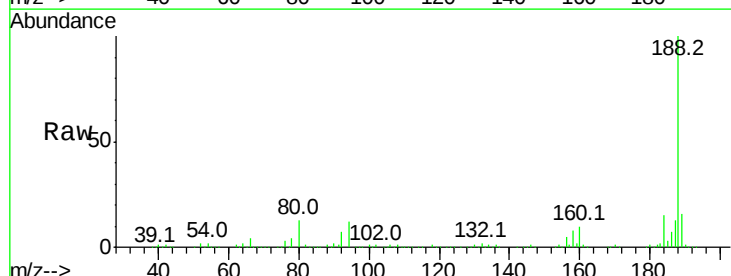


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

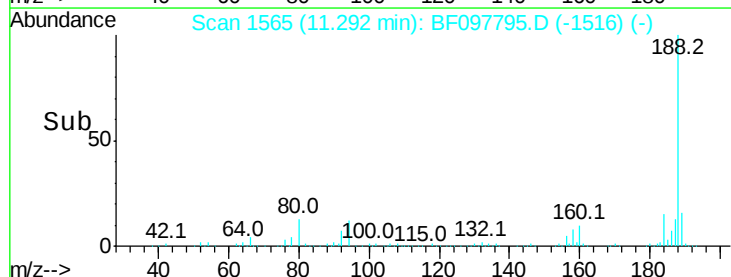
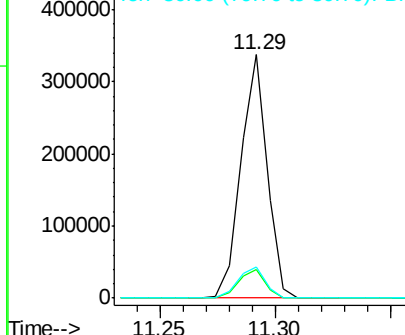


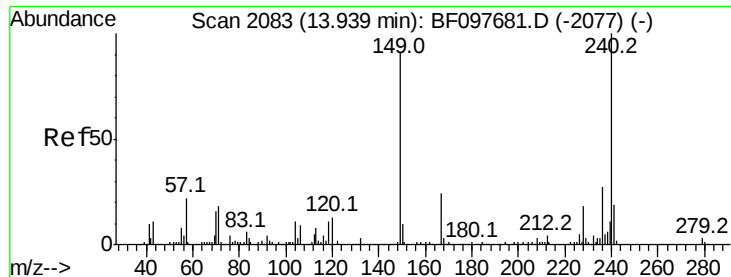
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097795.D
Acq: 17 Aug 2017 19:30

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: 20.000 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

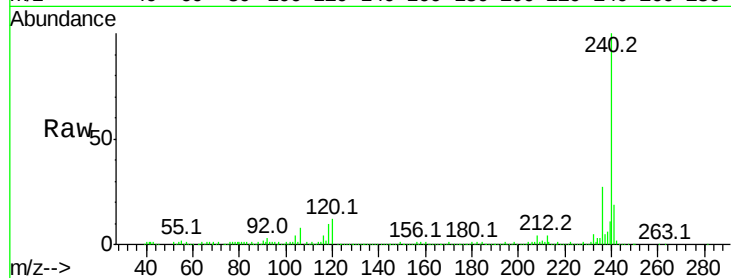
Tot Ion:240 Resp: 281608

Ion Ratio Lower Upper

240 100

120 11.7 5.8 8.8#

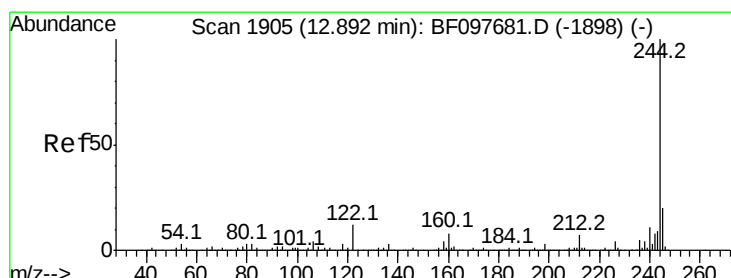
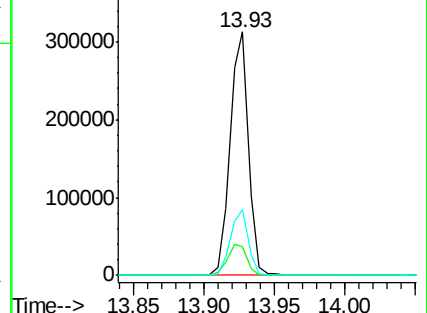
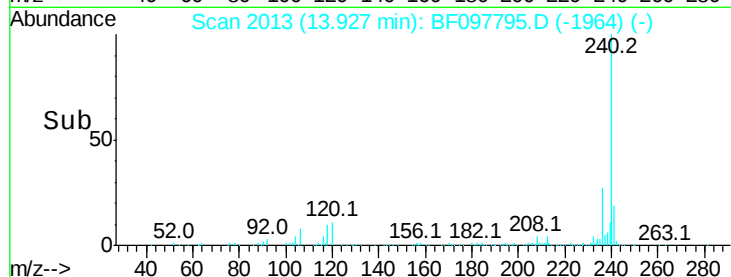
236 26.7 20.5 30.7



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



#78

Terphenyl-d14

Concen: 25.394 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097795.D

Acq: 17 Aug 2017 19:30

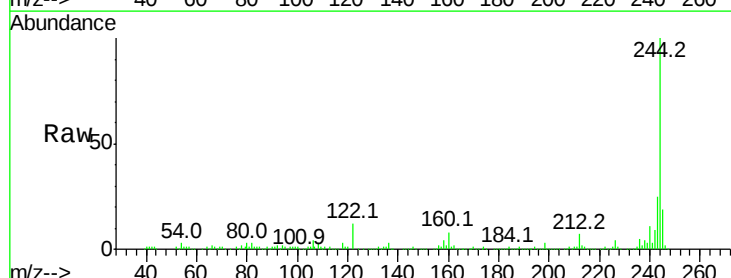
Tgt Ion:244 Resp: 342923

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

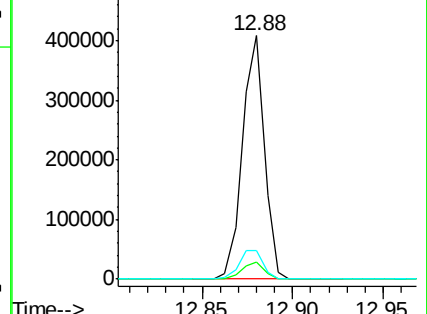
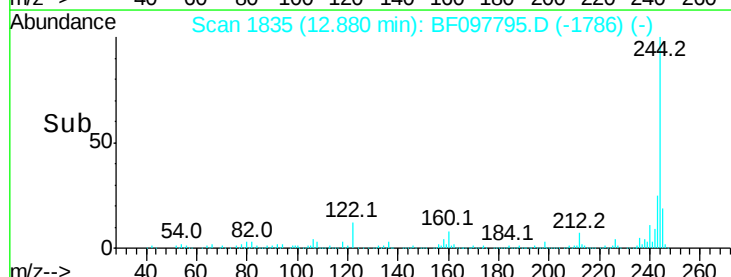
122 11.9 10.3 15.5

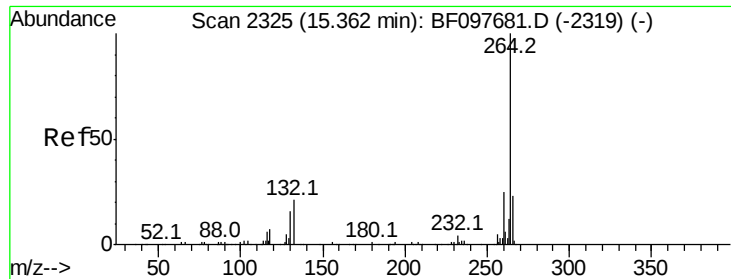


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 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

