

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 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 18 02:19:24 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

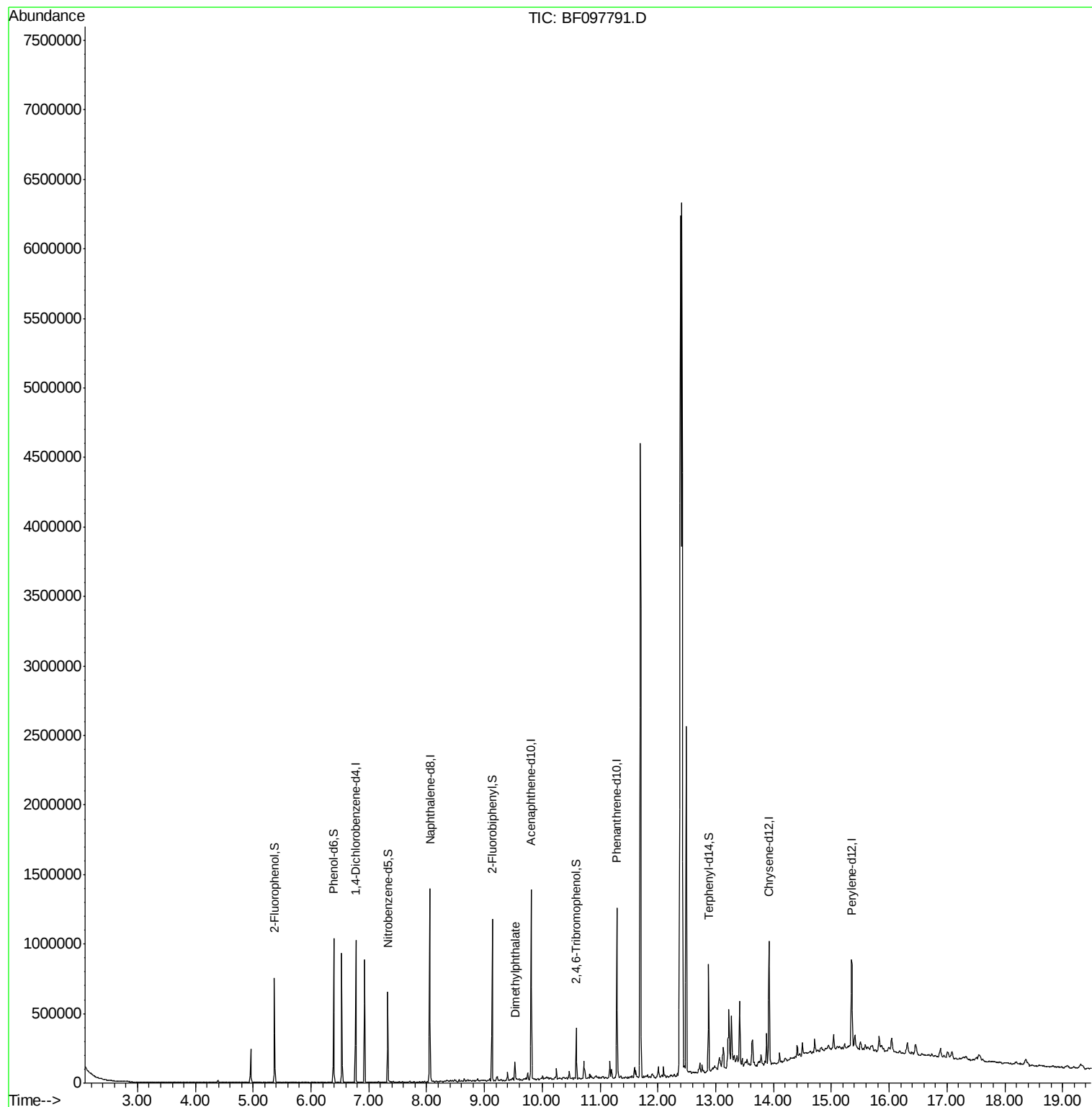
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	142516	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	550895	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	237197	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	394525	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	292003	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						Qvalue
49) Dimethylphthalate	9.53	163	39225	2.262	ng	99

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

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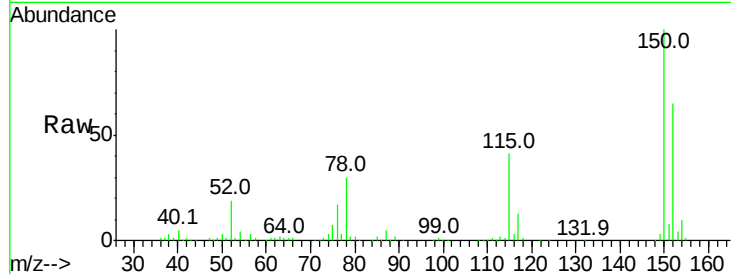


#1

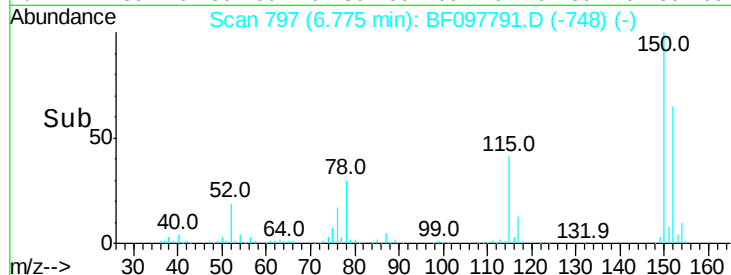
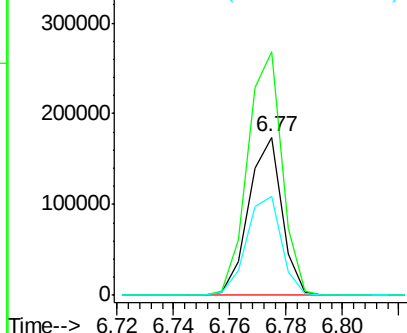
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097791.D
 Acq: 17 Aug 2017 17:37

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



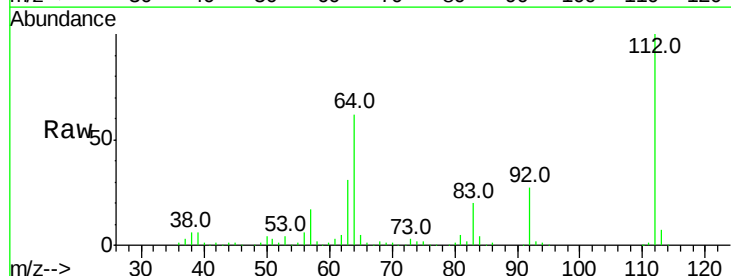
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



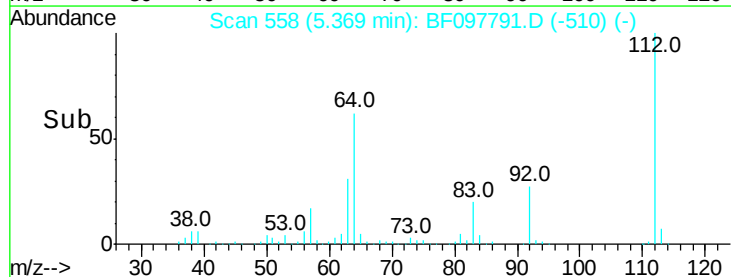
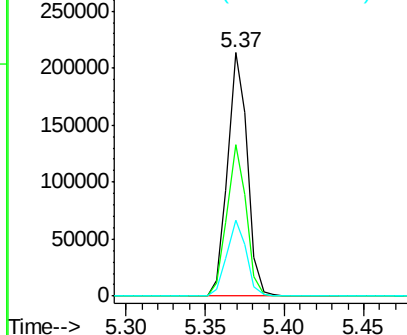
#5

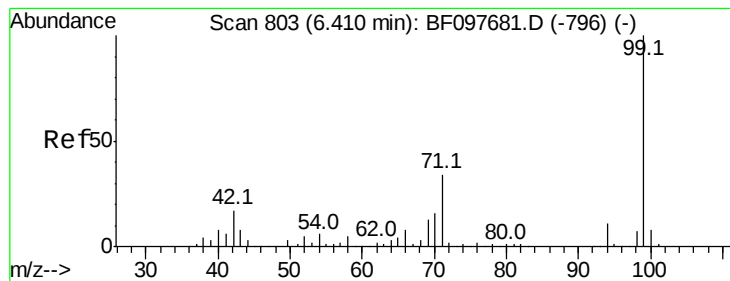
2-Fluorophenol
 Concen: 19.690 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF097791.D
 Acq: 17 Aug 2017 17:37

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



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: 23.948 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

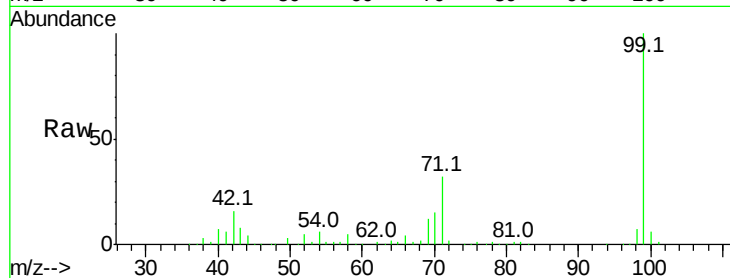
Tot Ion: 99 Resp: 304861

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

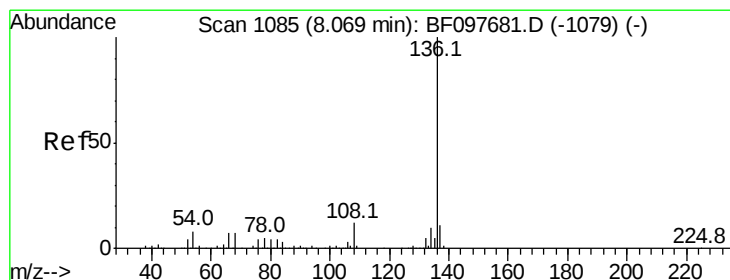
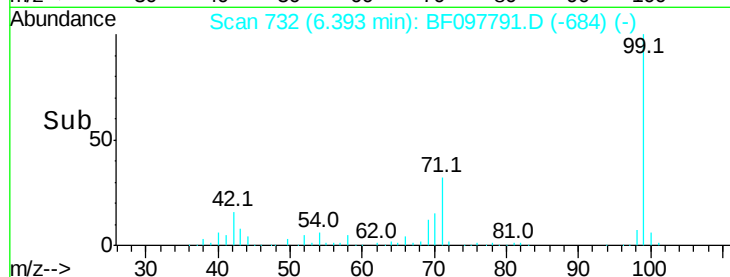
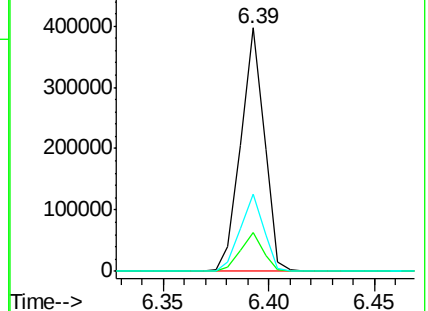
71 31.8 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097791.D

Acq: 17 Aug 2017 17:37

Tgt Ion: 136 Resp: 550895

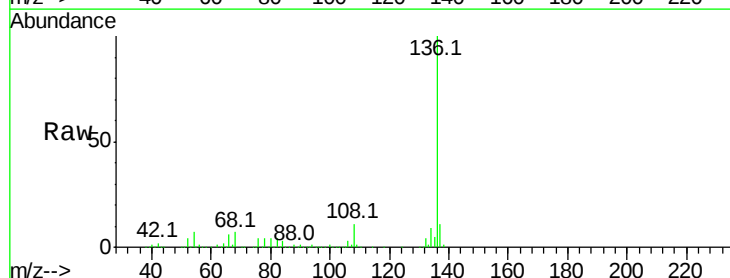
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.3 4.9 7.3

68 7.0 4.1 6.1#

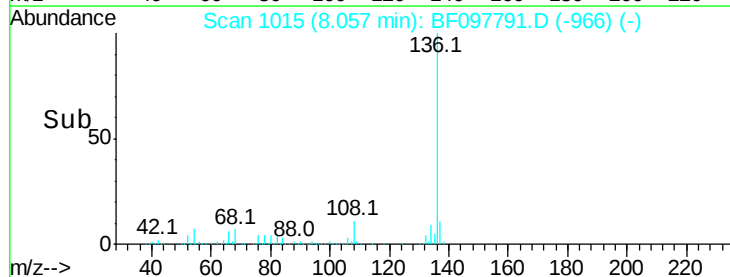
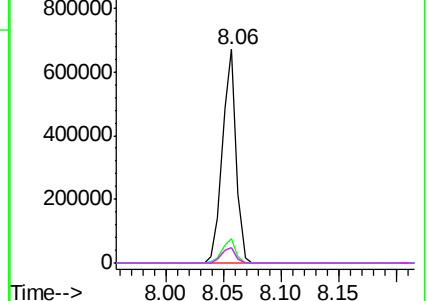


Abundance Ion 136.00 (135.70 to 136.70): E

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

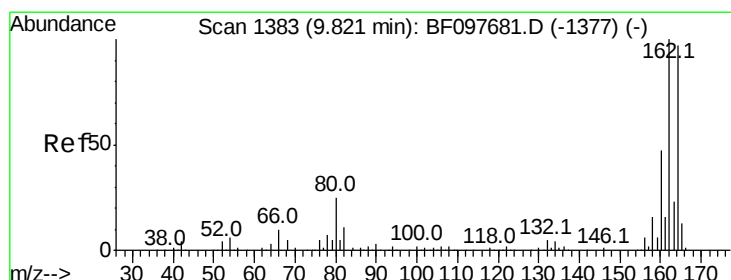
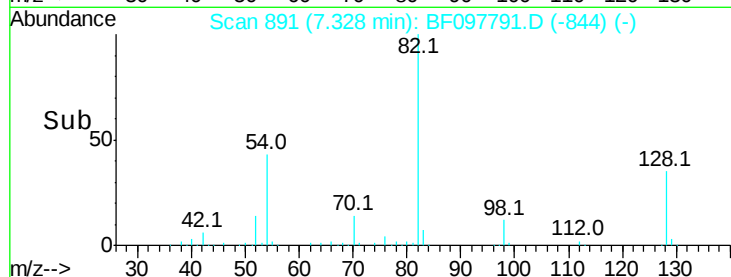
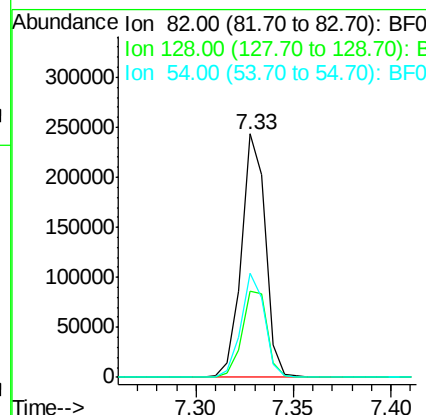
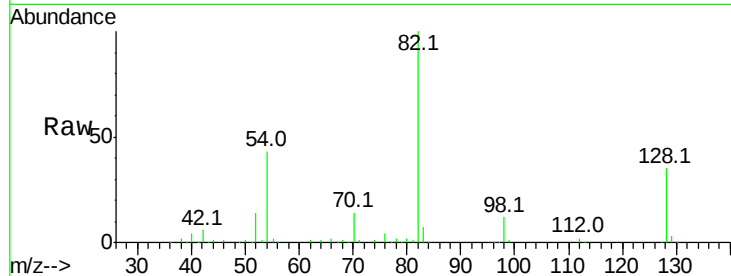




#23
 Nitrobenzene-d5
 Concen: 20.393 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF097791.D
 Acq: 17 Aug 2017 17:37

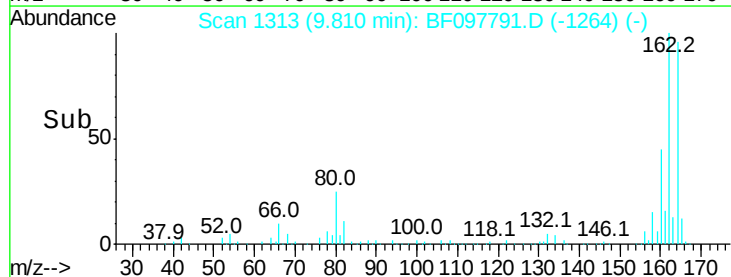
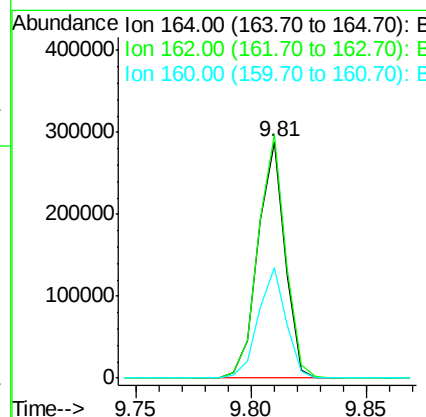
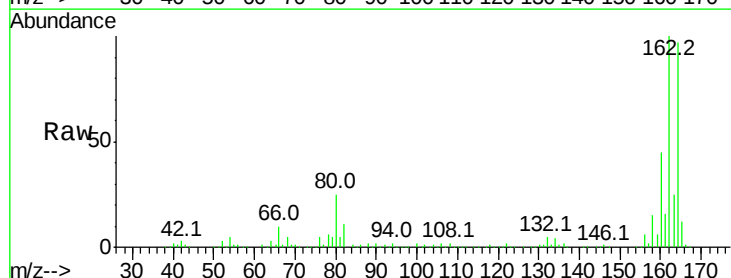
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-081417-A

Tot Ion: 82 Resp: 206800
 Ion Ratio Lower Upper
 82 100
 128 35.3 34.0 51.0
 54 42.8 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: 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

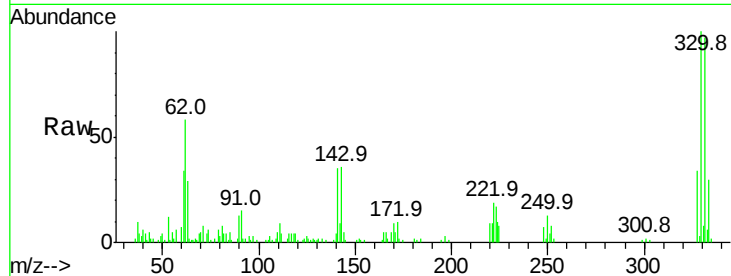




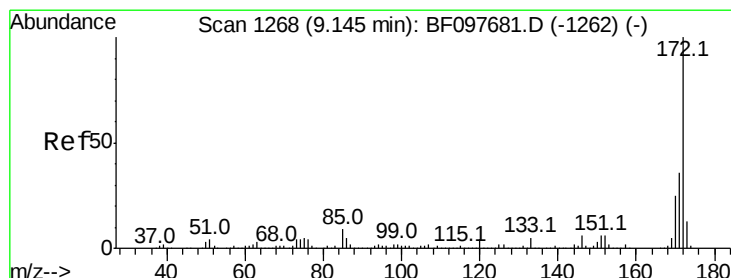
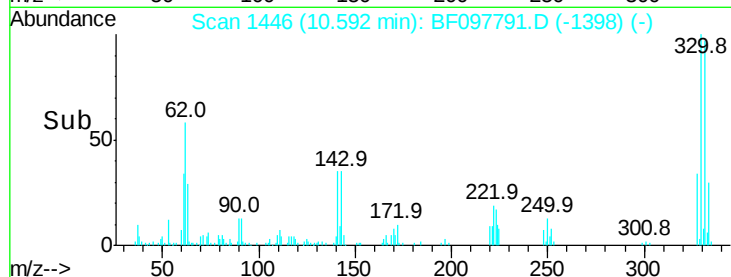
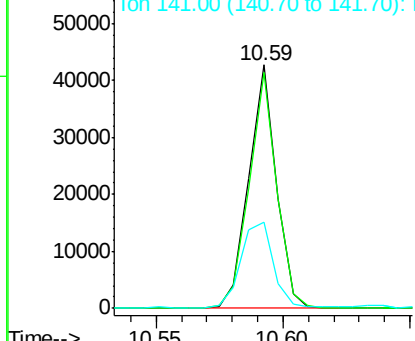
#41
 2,4,6-Tribromophenol
 Concen: 15.796 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097791.D
 Acq: 17 Aug 2017 17:37

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

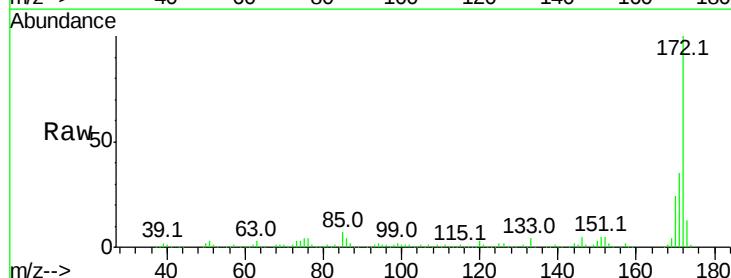


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

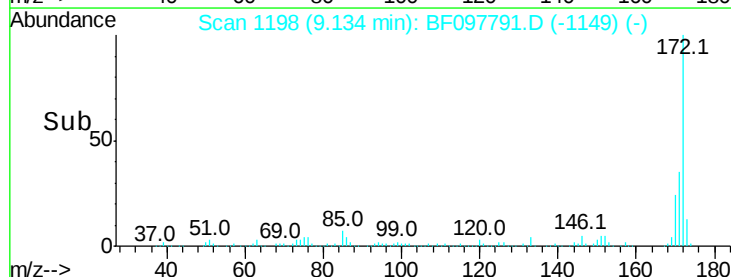
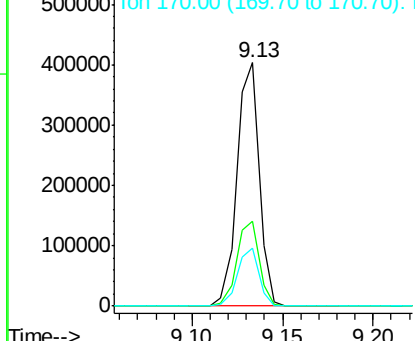


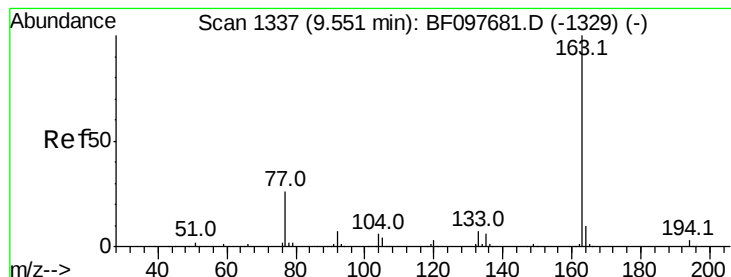
#44
 2-Fluorobiphenyl
 Concen: 21.358 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097791.D
 Acq: 17 Aug 2017 17:37

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



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: 2.262 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

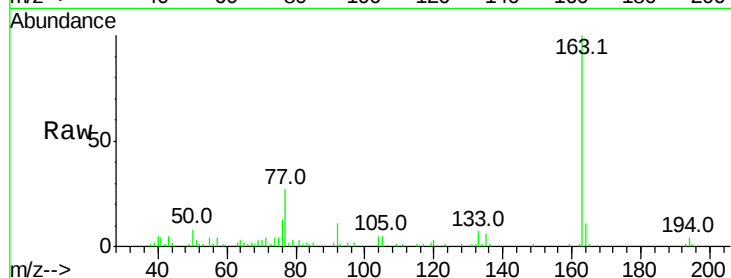
Tot Ion:163 Resp: 39225

Ion Ratio Lower Upper

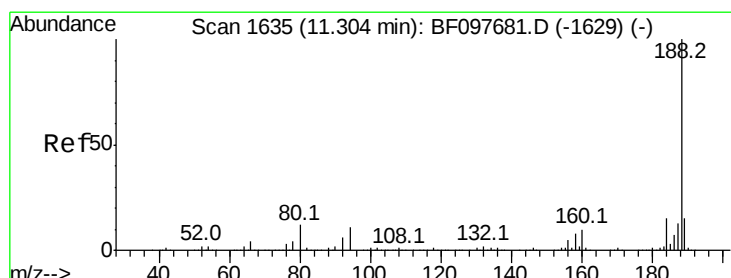
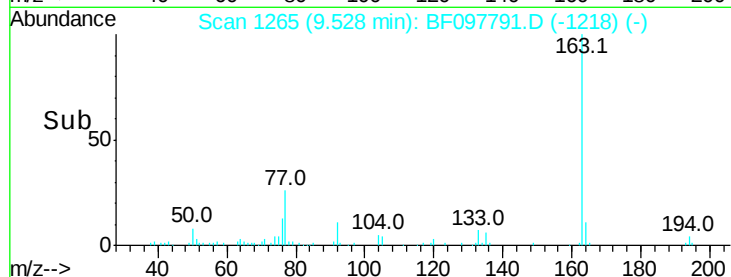
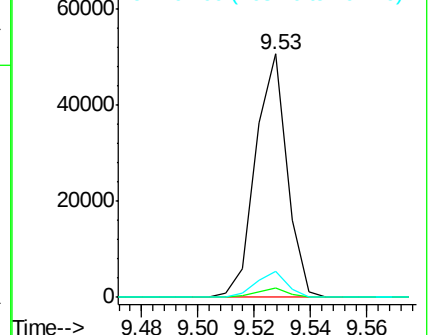
163 100

194 3.9 2.6 4.0

164 10.6 8.4 12.6



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: BF097791.D

Acq: 17 Aug 2017 17:37

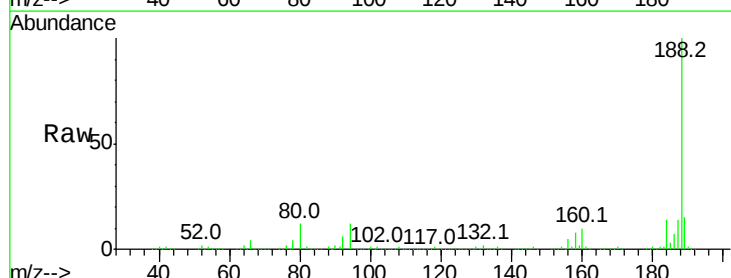
Tgt Ion:188 Resp: 394525

Ion Ratio Lower Upper

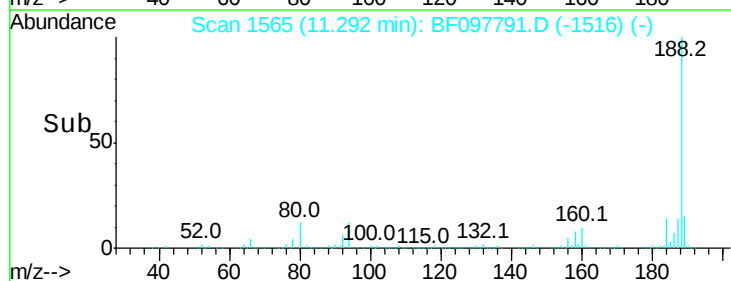
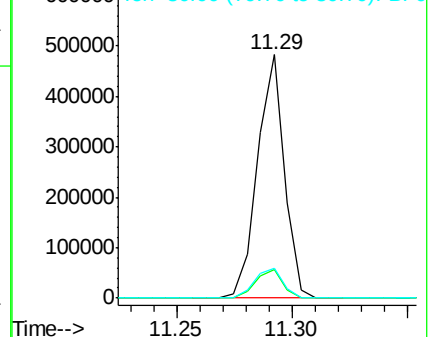
188 100

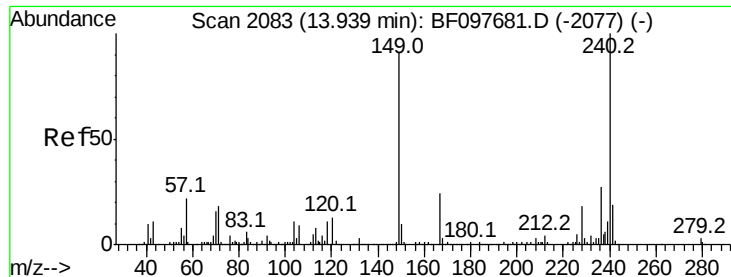
94 11.6 9.4 14.2

80 12.1 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: 13.92 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

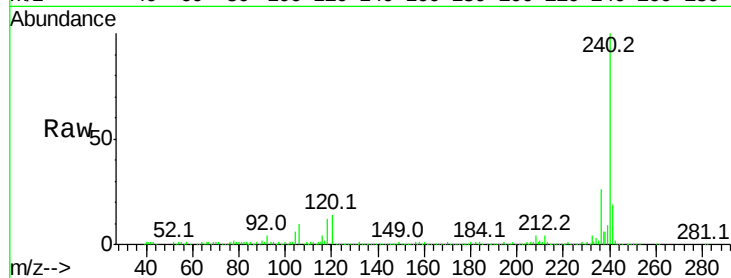
Tot Ion:240 Resp: 292003

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

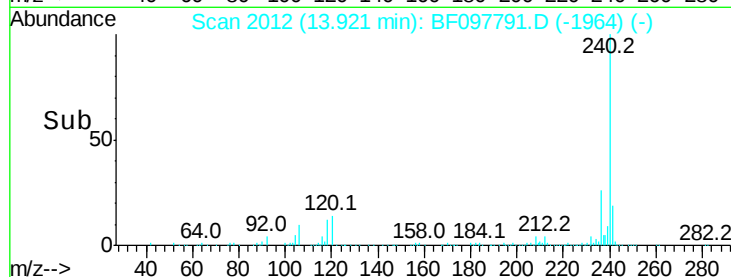
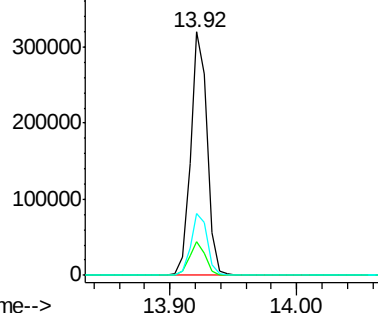
236 25.6 20.5 30.7



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: 15.376 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097791.D

Acq: 17 Aug 2017 17:37

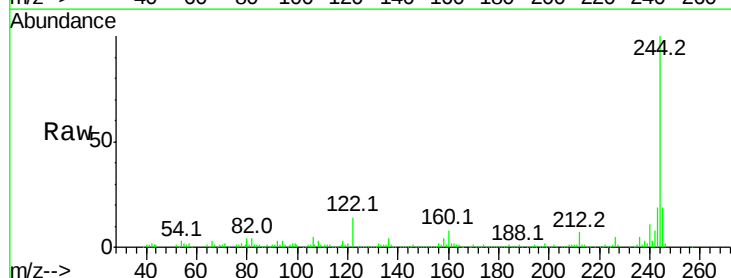
Tgt Ion:244 Resp: 215301

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

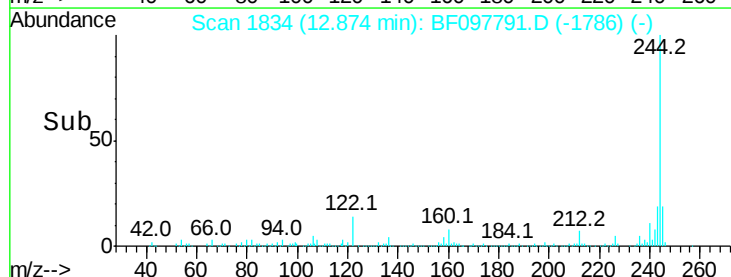
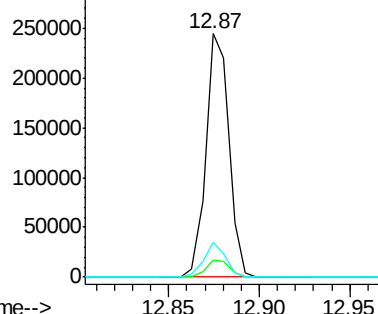
122 14.2 10.3 15.5

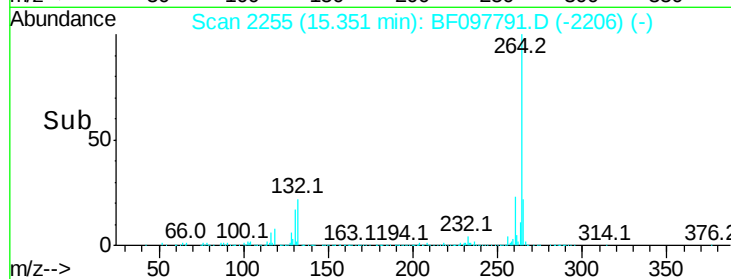
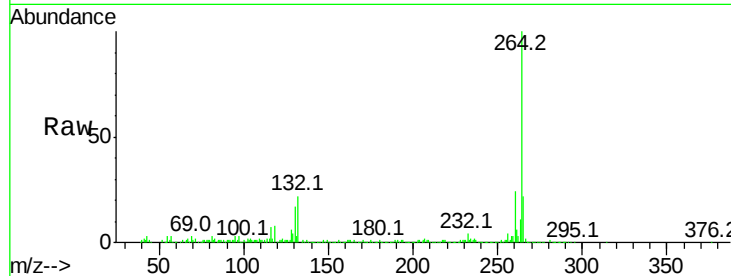
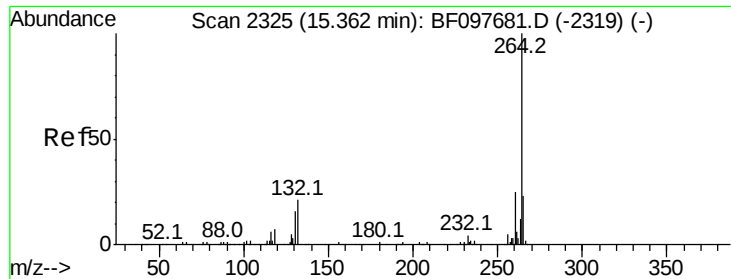


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 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:264 Resp: 280626

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.4 17.2 25.8

