

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097790.D
 Acq On : 17 Aug 2017 17:09
 Operator : SJ/JU
 Sample : PB101563BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BL

Quant Time: Aug 18 02:15:52 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	134592	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	532806	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	245984	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	485156	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	419862	20.00	ng	-0.02
86) Perylene-d12	15.35	264	294419	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1086992	122.85	ng	0.00
7) Phenol-d6	6.41	99	1443253	120.05	ng	0.00
23) Nitrobenzene-d5	7.33	82	878815	89.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	303090	142.01	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1360320	81.25	ng	-0.01
78) Terphenyl-d14	12.88	244	1284805	63.81	ng	-0.01

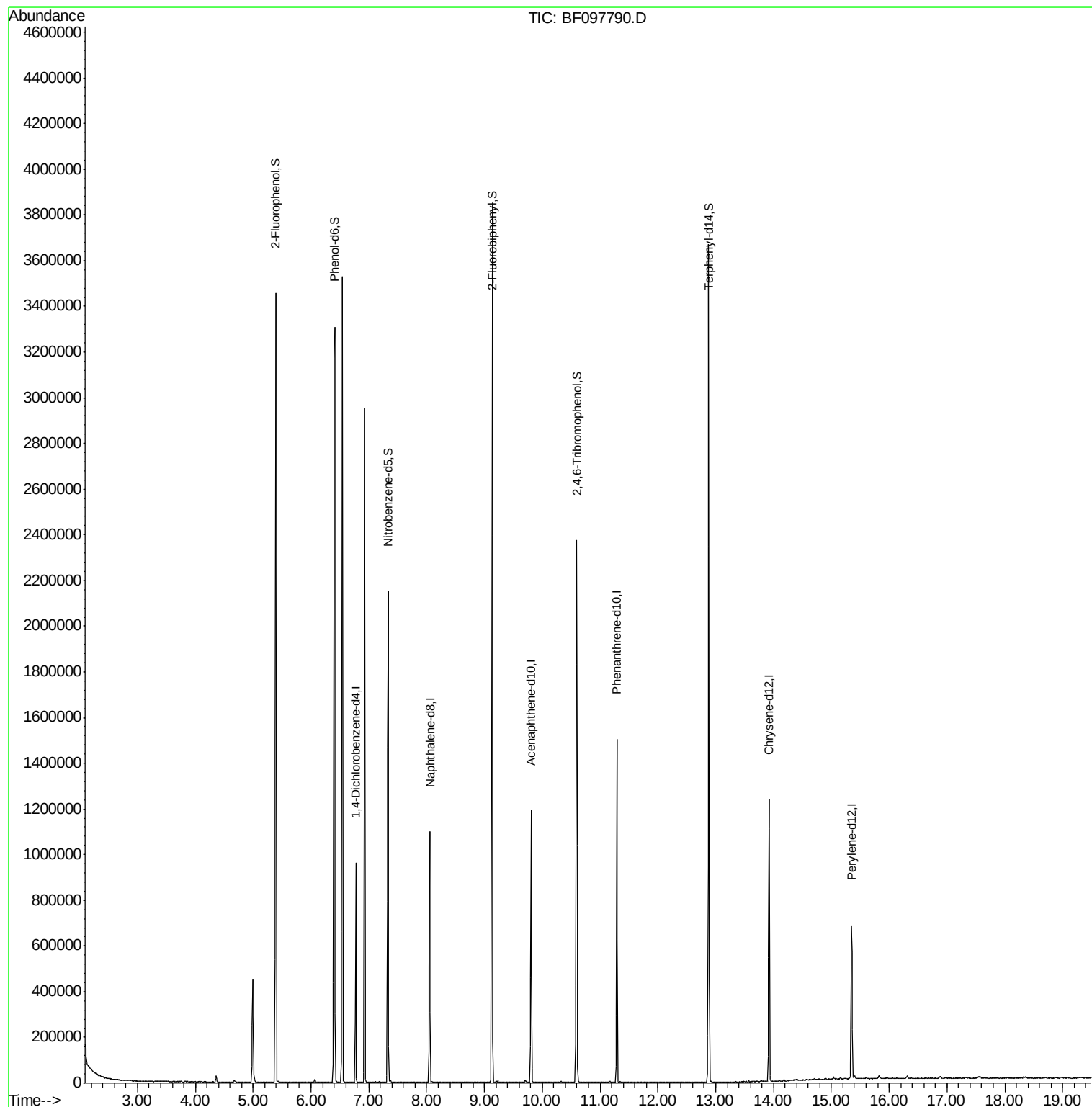
Target Compounds Qvalue

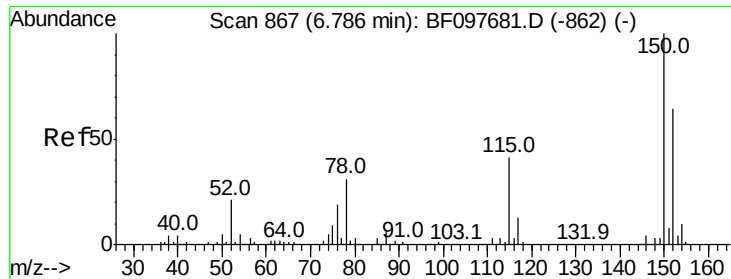
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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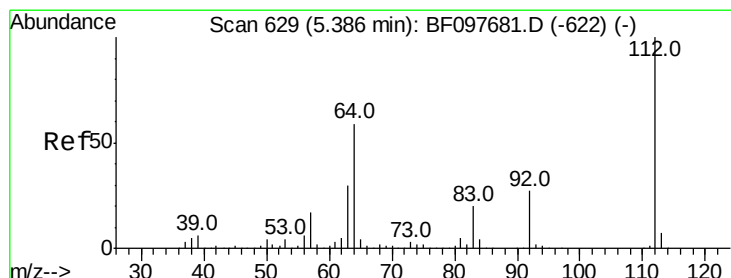
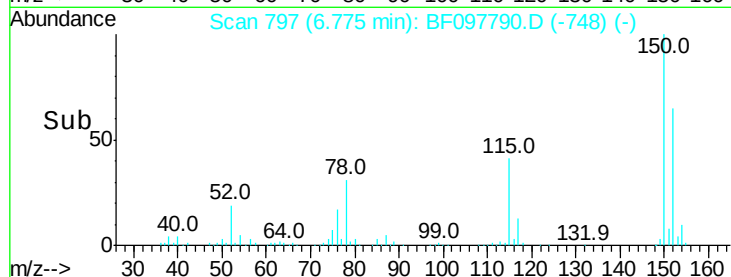
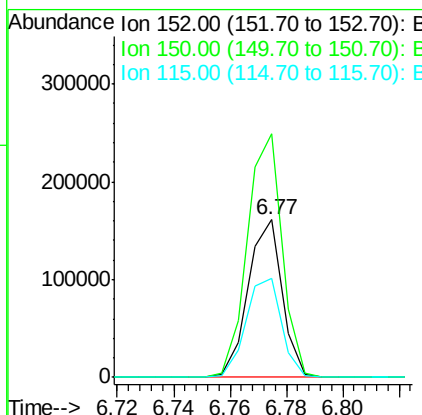
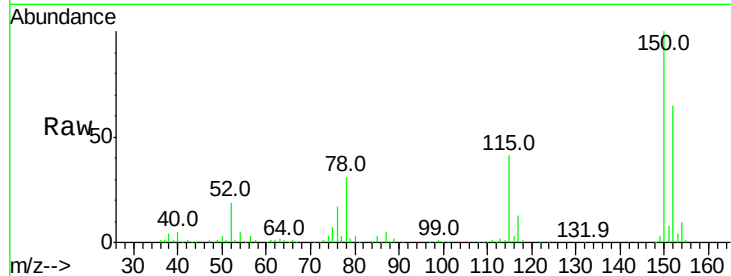


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
PB101563BL

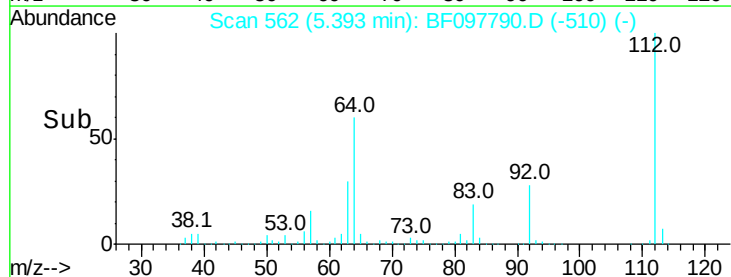
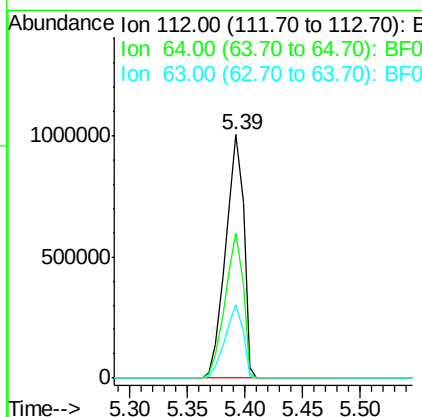
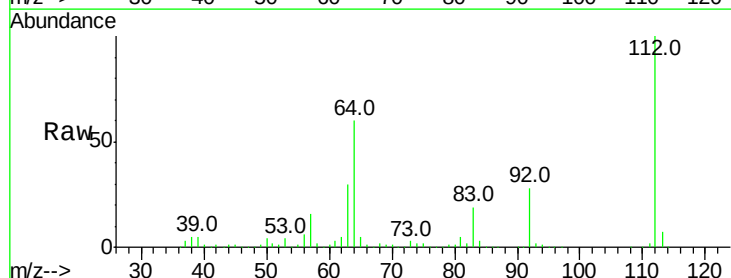
Tot Ion:152 Resp: 134592
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 62.8 52.2 78.2

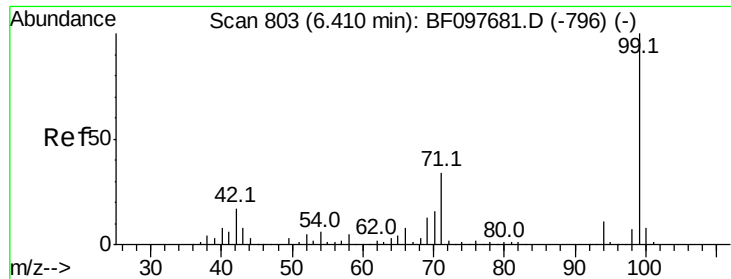


#5

2-Fluorophenol
Concen: 122.845 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097790.D
Acq: 17 Aug 2017 17:09

Tgt Ion:112 Resp: 1086992
Ion Ratio Lower Upper
112 100
64 59.5 46.0 69.0
63 30.0 23.4 35.0





#7

Phenol-d6

Concen: 120.045 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097790.D

Acq: 17 Aug 2017 17:09

Instrument :

BNA_F

ClientSampleId :

PB101563BL

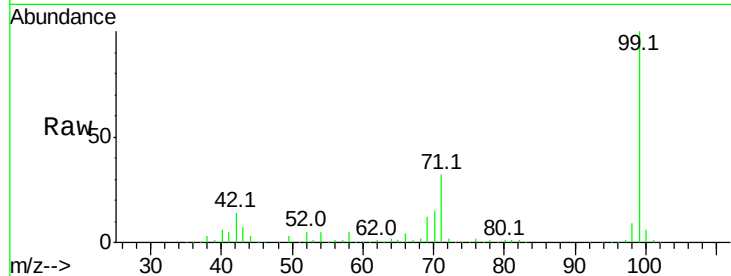
Tot Ion: 99 Resp: 1443253

Ion Ratio Lower Upper

99 100

42 14.3 13.5 20.3

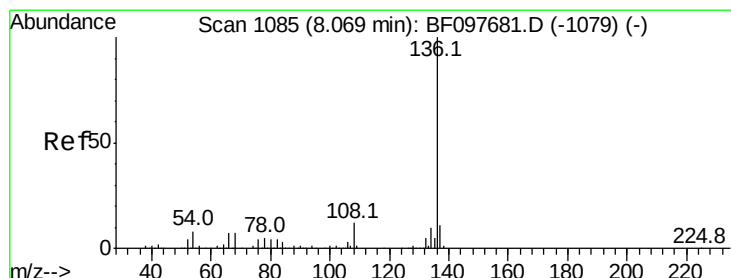
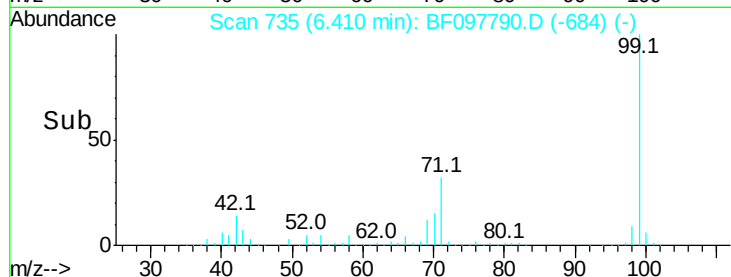
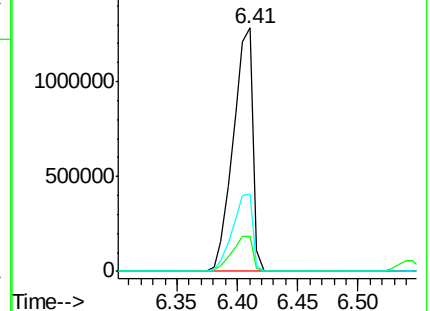
71 31.7 24.5 36.7



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: BF097790.D

Acq: 17 Aug 2017 17:09

Tgt Ion: 136 Resp: 532806

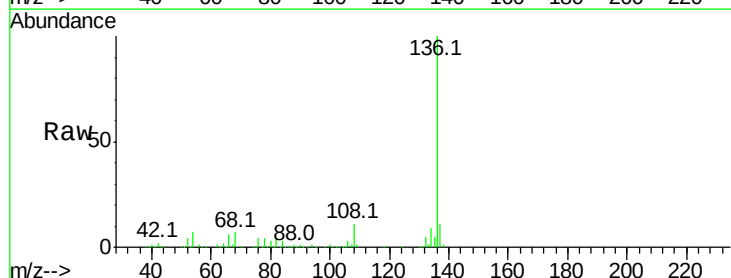
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 6.7 4.1 6.1#

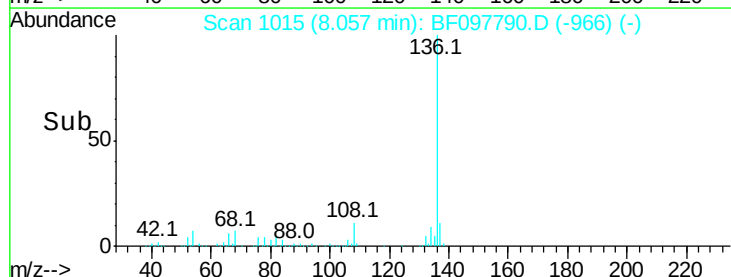
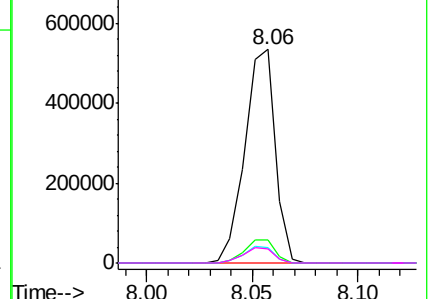


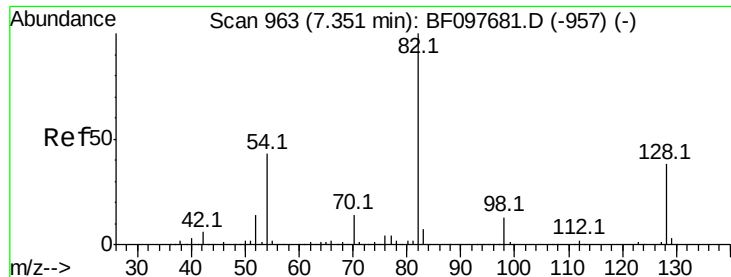
Abundance Ion 136.00 (135.70 to 136.70): E

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

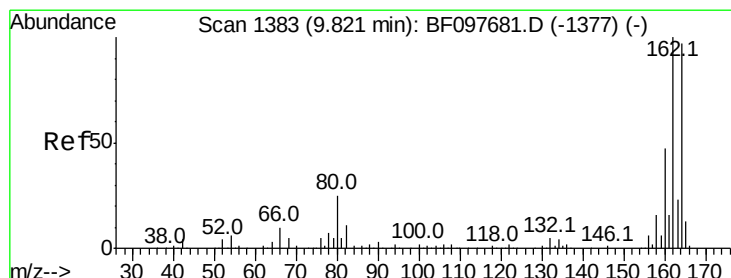
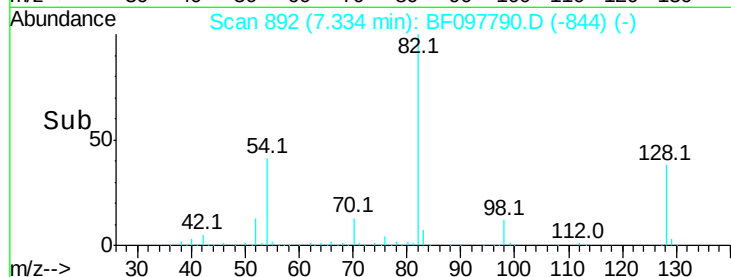
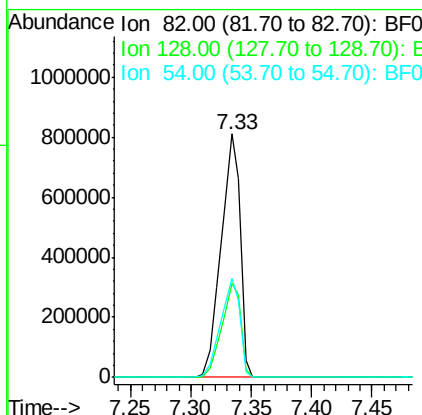
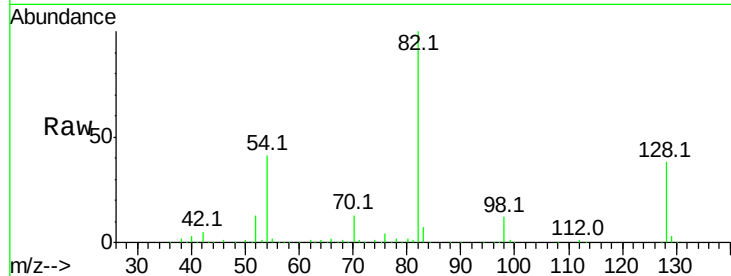




#23
 Nitrobenzene-d5
 Concen: 89.603 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097790.D
 Acq: 17 Aug 2017 17:09

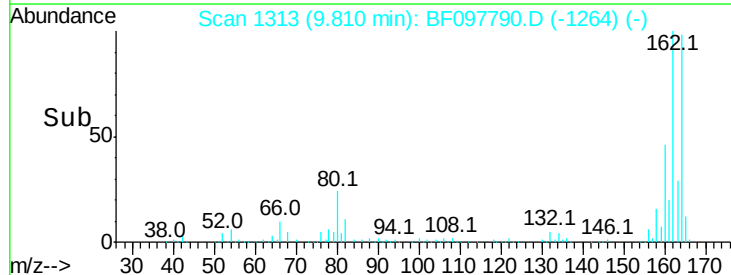
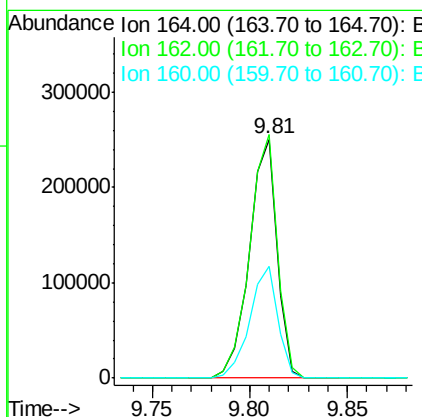
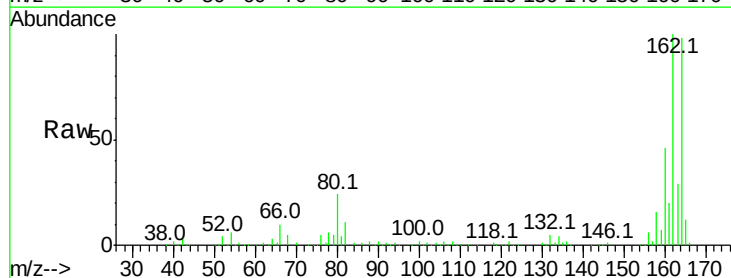
Instrument :
 BNA_F
 ClientSampleId :
 PB101563BL

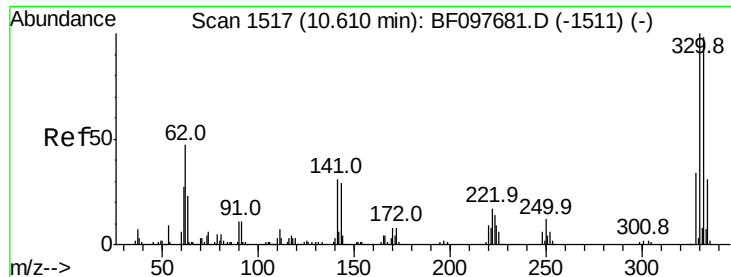
Tot Ion: 82 Resp: 878815
 Ion Ratio Lower Upper
 82 100
 128 38.4 34.0 51.0
 54 40.7 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097790.D
 Acq: 17 Aug 2017 17:09

Tgt Ion:164 Resp: 245984
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 46.9 36.2 54.2

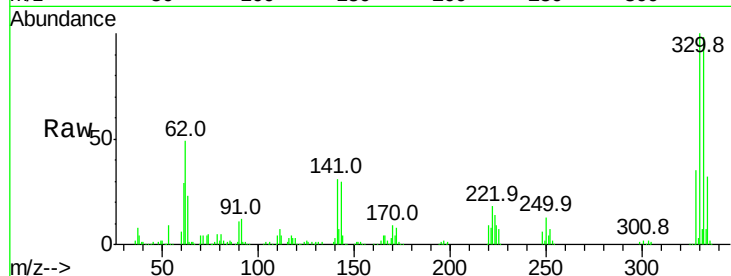




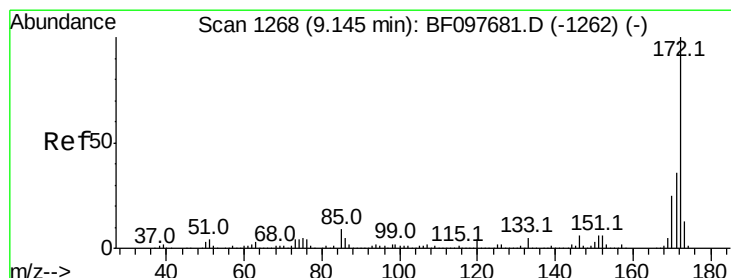
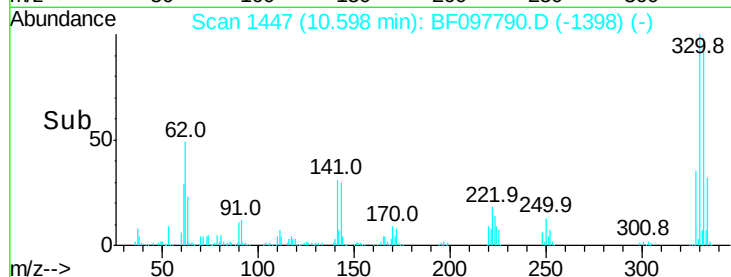
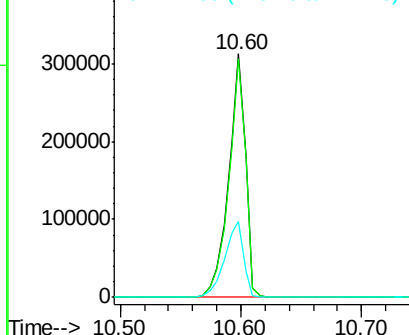
#41
 2,4,6-Tribromophenol
 Concen: 142.008 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097790.D
 Acq: 17 Aug 2017 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	34.6	31.4	47.2

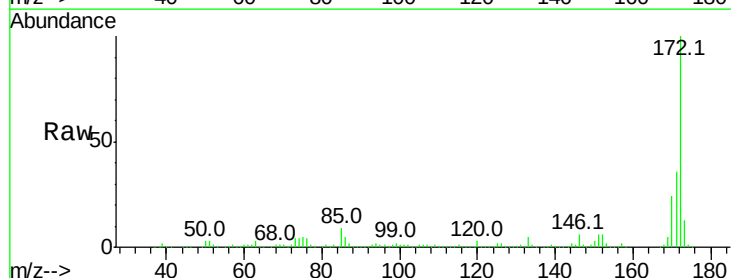


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

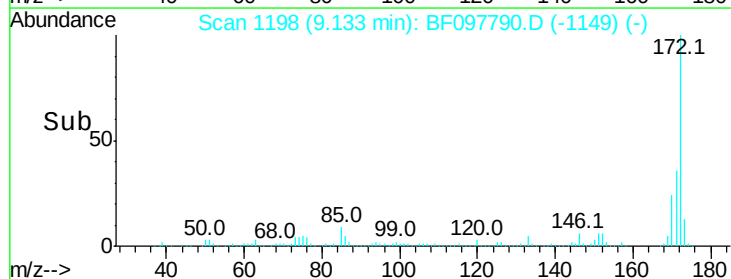
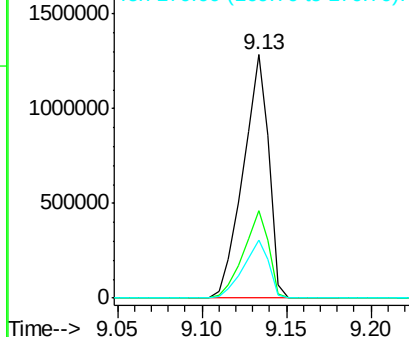


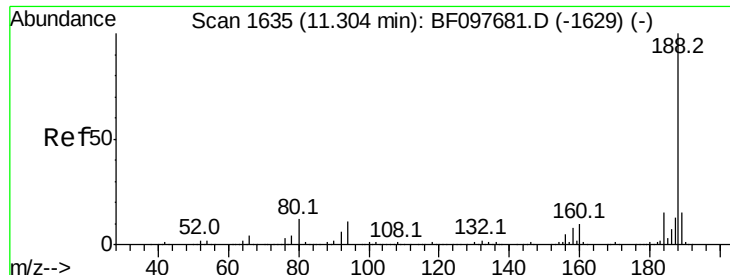
#44
 2-Fluorobiphenyl
 Concen: 81.249 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097790.D
 Acq: 17 Aug 2017 17:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF097790.D

Acq: 17 Aug 2017 17:09

Instrument :

BNA_F

ClientSampleId :

PB101563BL

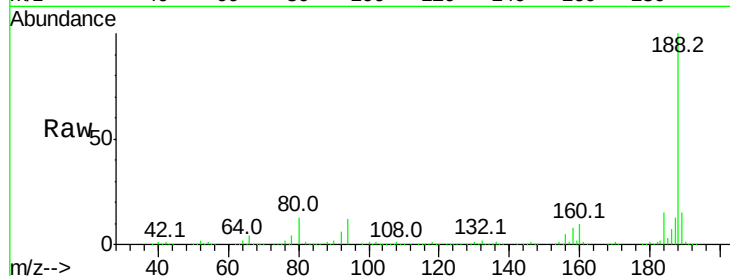
Tot Ion:188 Resp: 485156

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

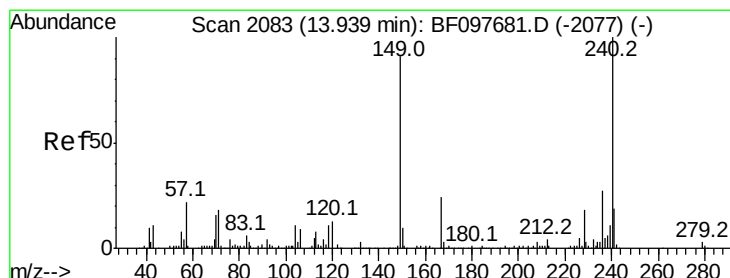
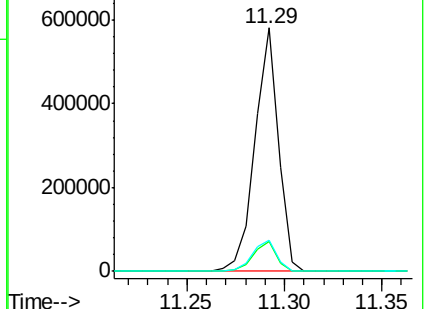
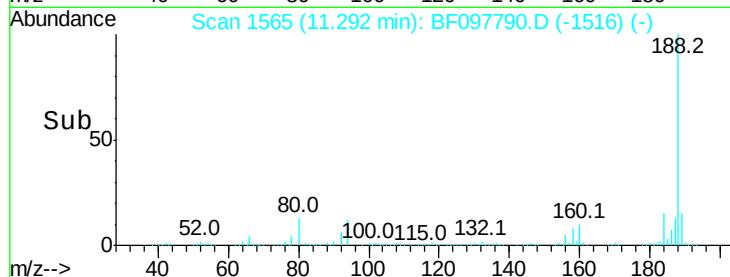
80 12.6 10.2 15.2



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: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097790.D

Acq: 17 Aug 2017 17:09

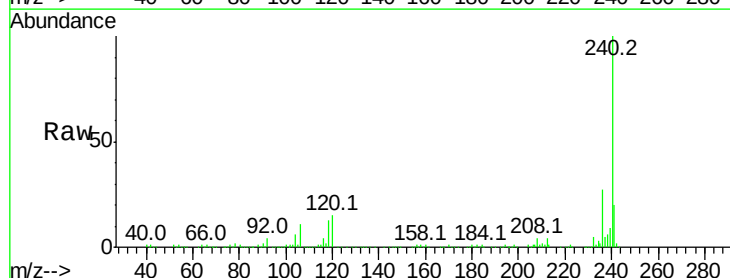
Tgt Ion:240 Resp: 419862

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

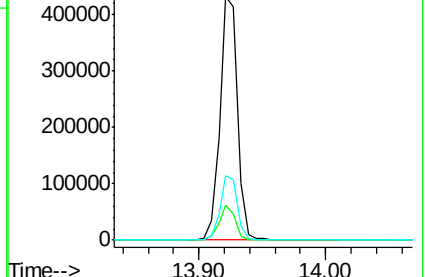
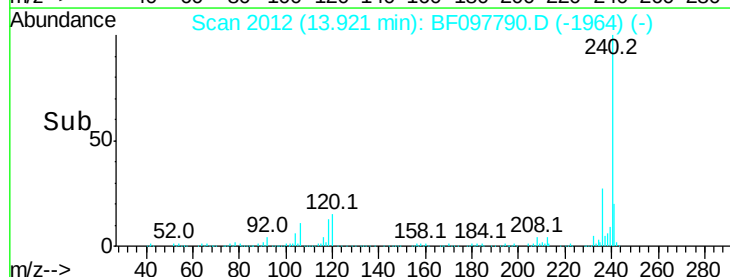
236 26.6 20.5 30.7

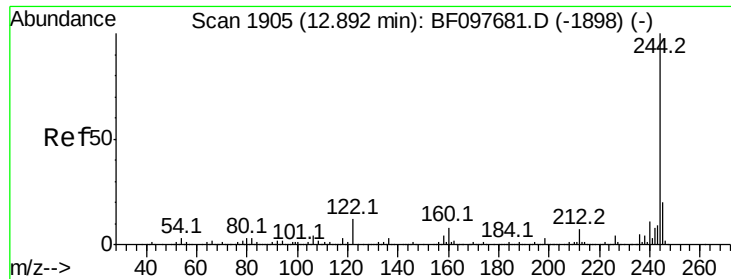


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.813 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097790.D

Acq: 17 Aug 2017 17:09

Instrument :

BNA_F

ClientSampleId :

PB101563BL

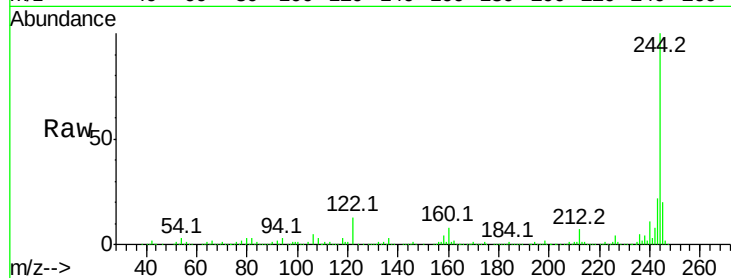
Tot Ion:244 Resp: 1284805

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

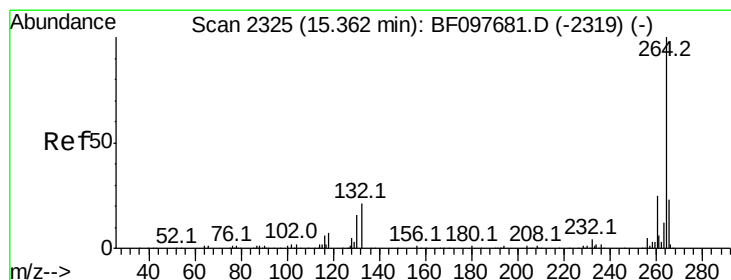
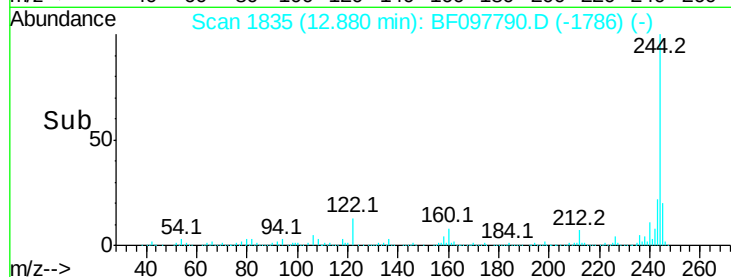
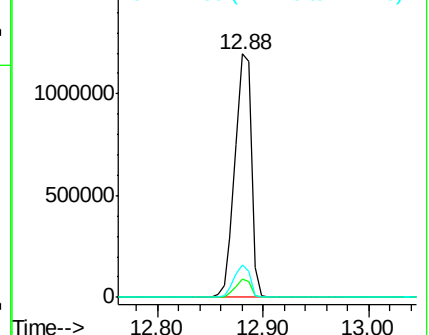
122 13.3 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.35 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BF097790.D

Acq: 17 Aug 2017 17:09

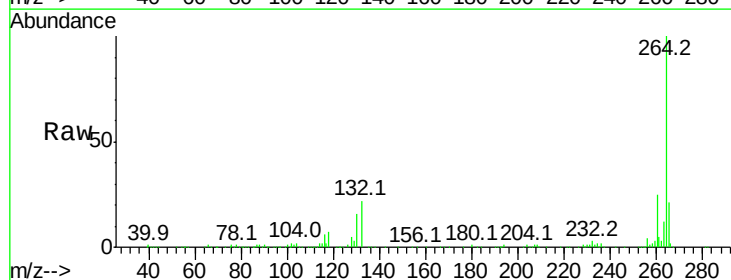
Tgt Ion:264 Resp: 294419

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.4 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

