

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097911.D
 Acq On : 21 Aug 2017 18:00
 Operator : SJ/JU
 Sample : PB101695BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BL

Quant Time: Aug 22 05:06:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	116841	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	468710	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	209128	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	424946	20.00	ng	0.00
75) Chrysene-d12	13.89	240	392263	20.00	ng	0.00
86) Perylene-d12	15.32	264	312161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1067643	138.99	ng	0.02
7) Phenol-d6	6.39	99	1446140	138.56	ng	0.00
23) Nitrobenzene-d5	7.31	82	911369	105.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	288323	158.90	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1320466	92.77	ng	0.00
78) Terphenyl-d14	12.86	244	1226349	65.19	ng	0.00

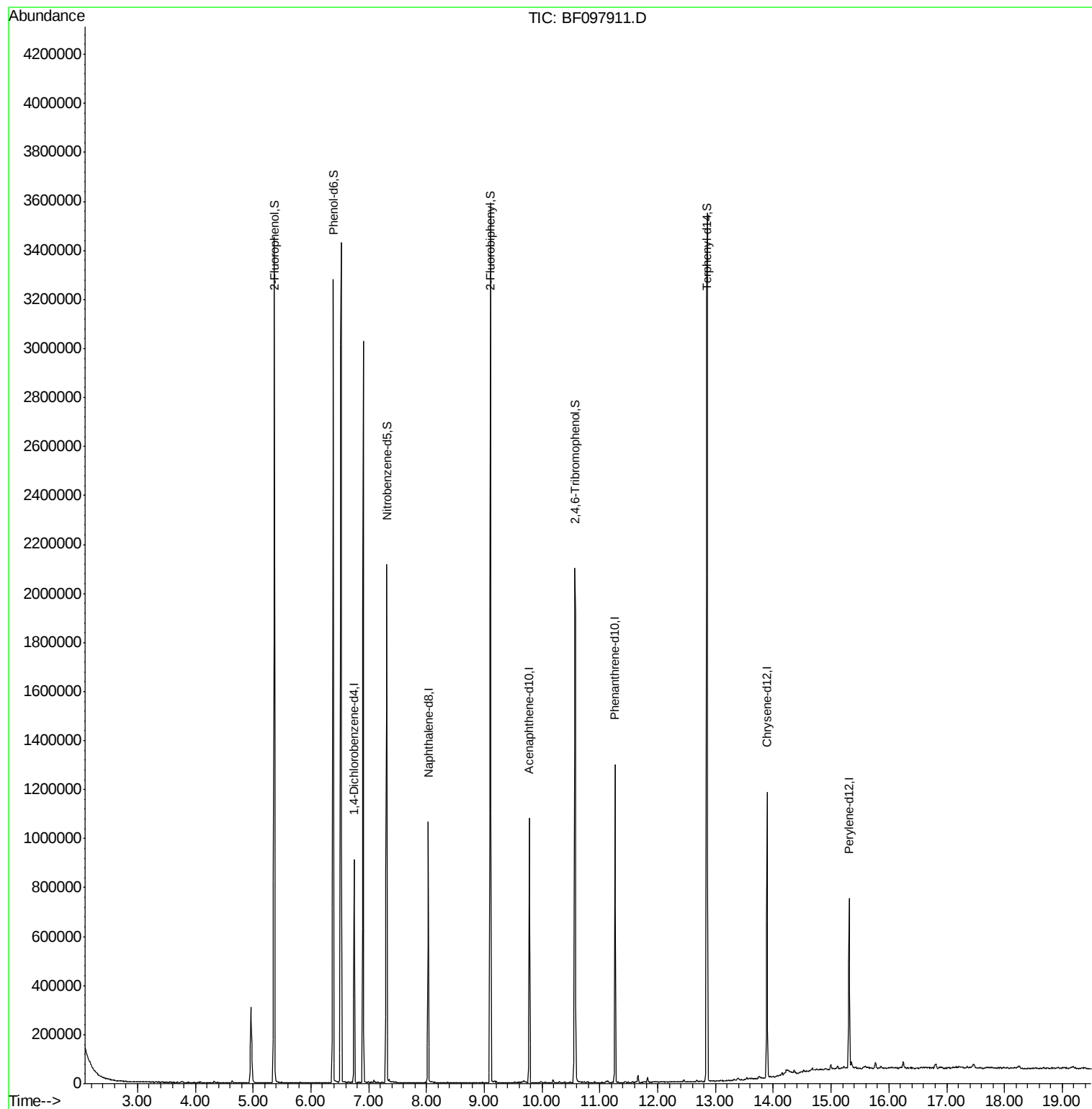
Target Compounds Qvalue

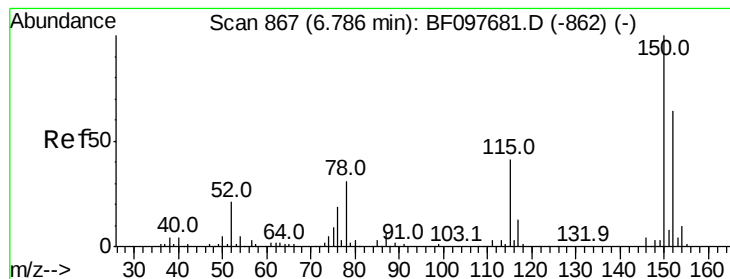
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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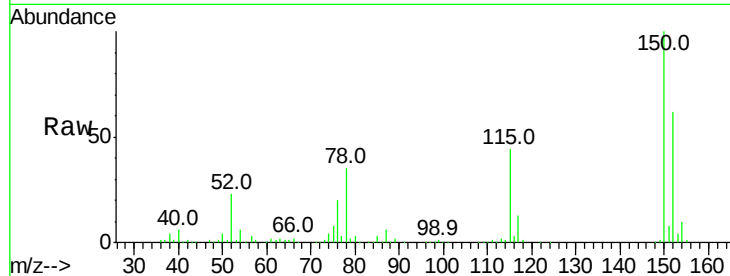


#1

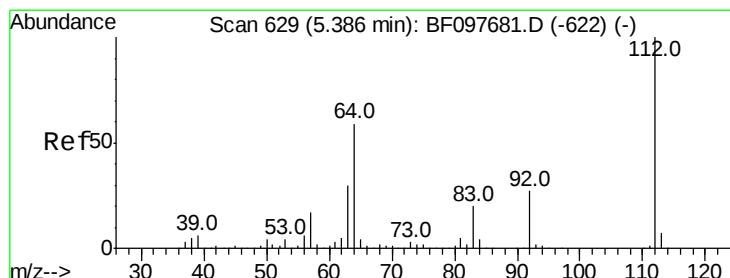
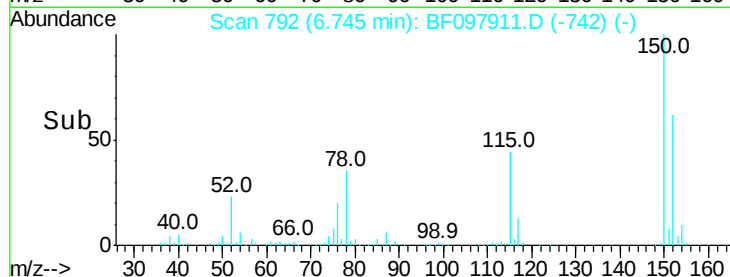
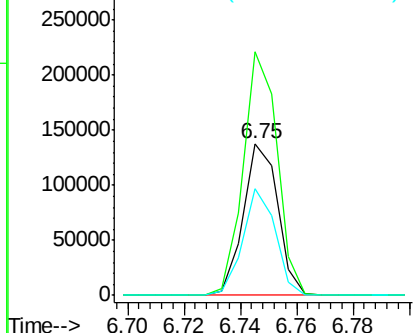
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097911.D
Acq: 21 Aug 2017 18:00

Instrument :
BNA_F
ClientSampleId :
PB101695BL

Tot Ion:152 Resp: 116841
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.2
115 70.1 52.2 78.2



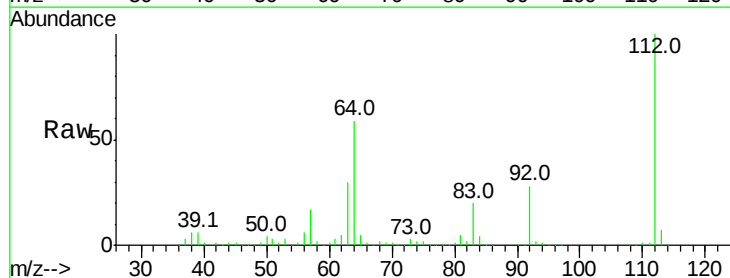
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



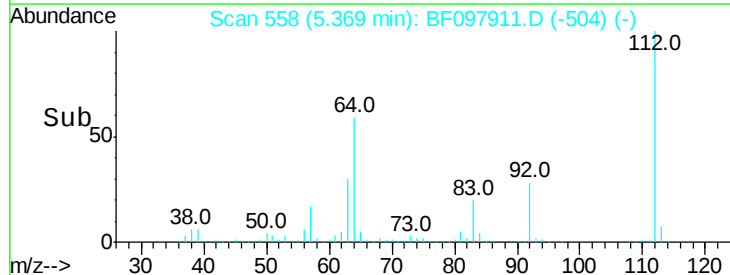
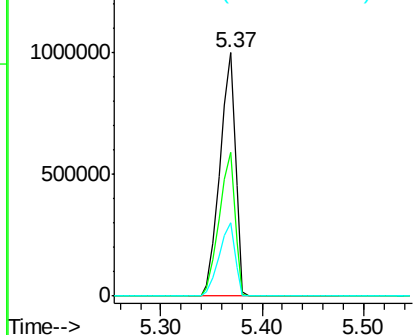
#5

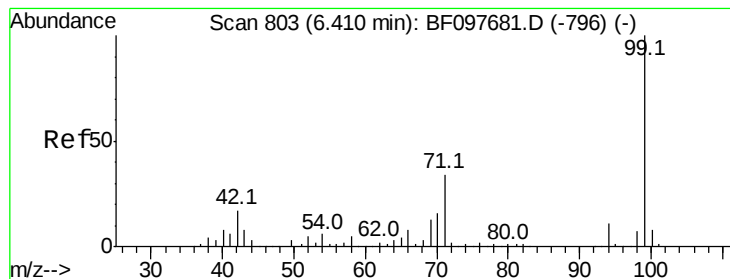
2-Fluorophenol
Concen: 138.989 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF097911.D
Acq: 21 Aug 2017 18:00

Tgt Ion:112 Resp: 1067643
Ion Ratio Lower Upper
112 100
64 58.9 46.0 69.0
63 30.1 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: 138.560 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB101695BL

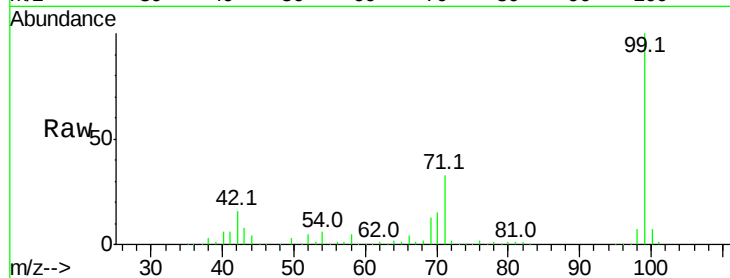
Tot Ion: 99 Resp: 1446140

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

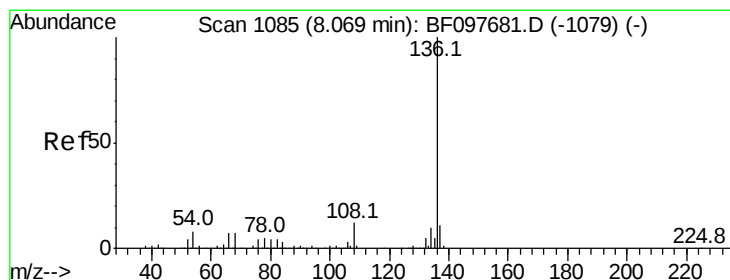
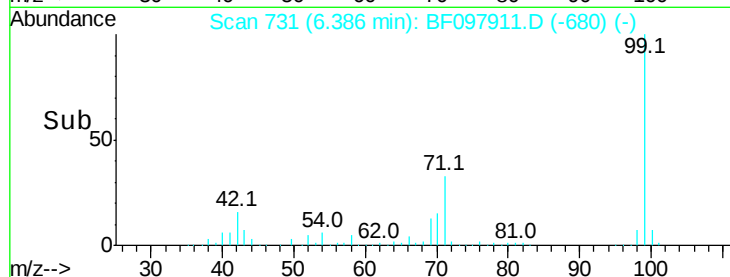
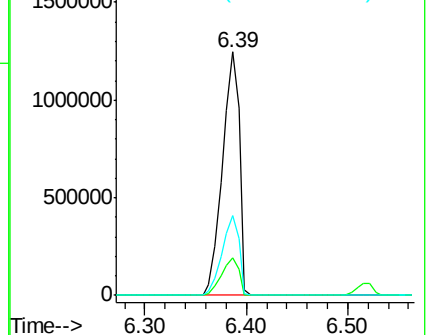
71 33.0 24.5 36.7



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: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

Tgt Ion: 136 Resp: 468710

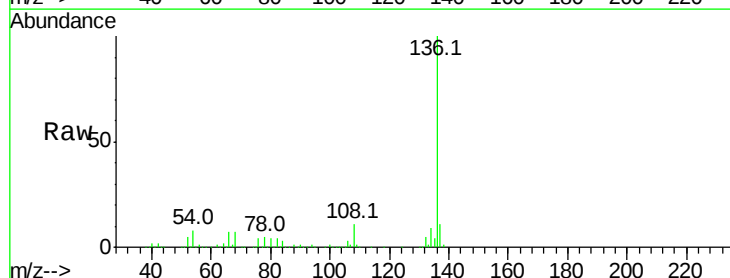
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.8 4.9 7.3#

68 7.5 4.1 6.1#

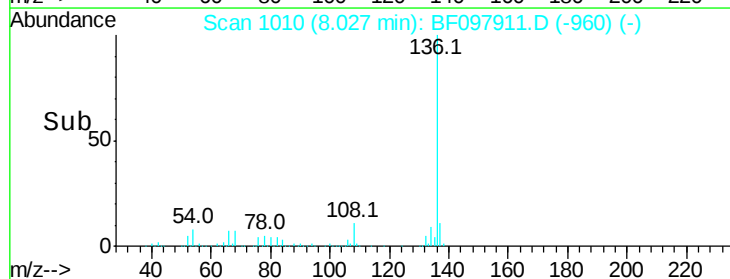
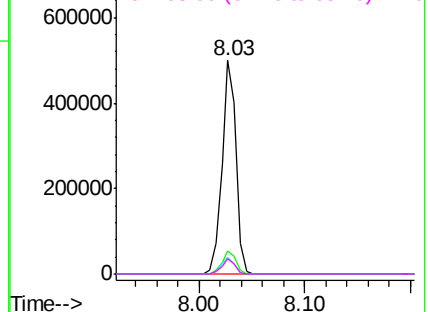


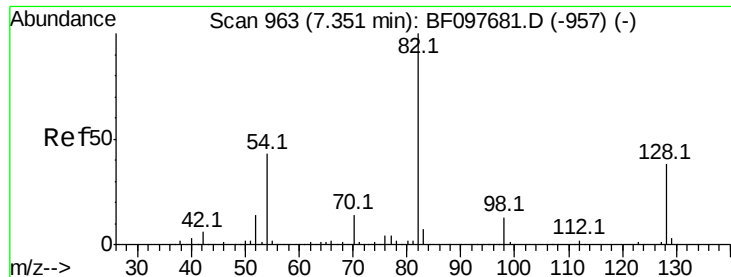
Abundance Ion 136.00 (135.70 to 136.70): E

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

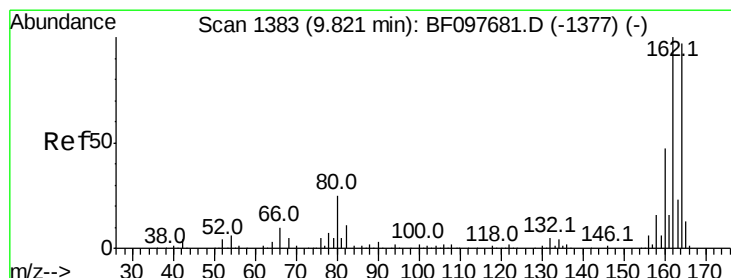
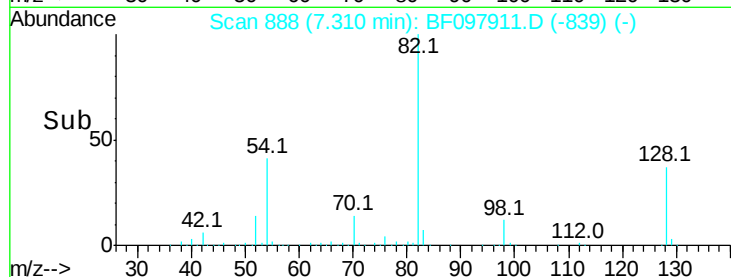
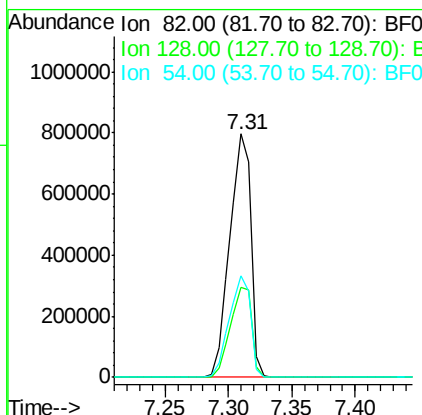
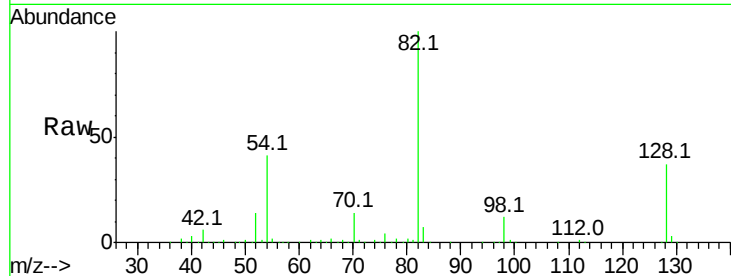




#23
 Nitrobenzene-d5
 Concen: 105.630 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

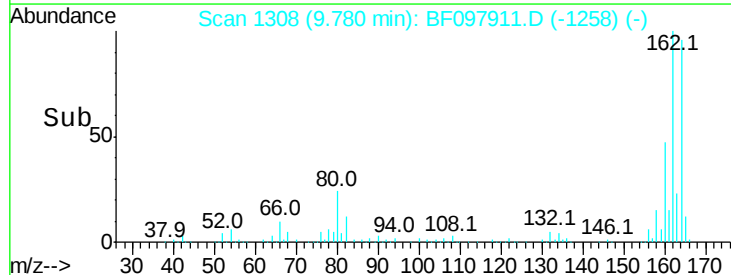
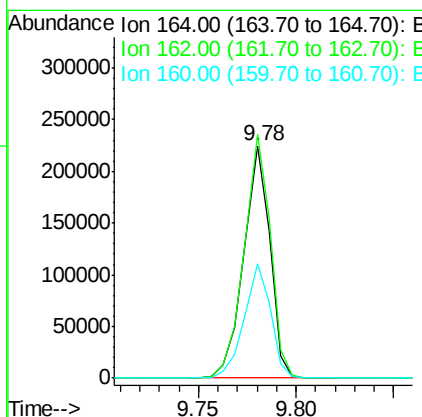
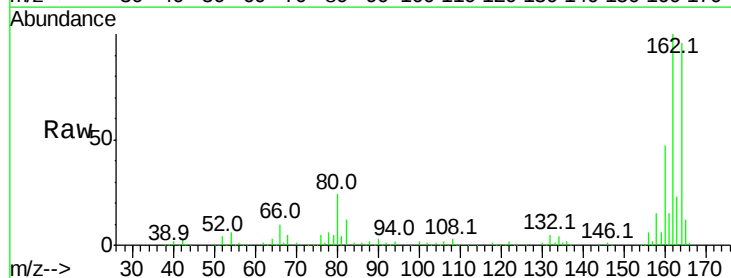
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BL

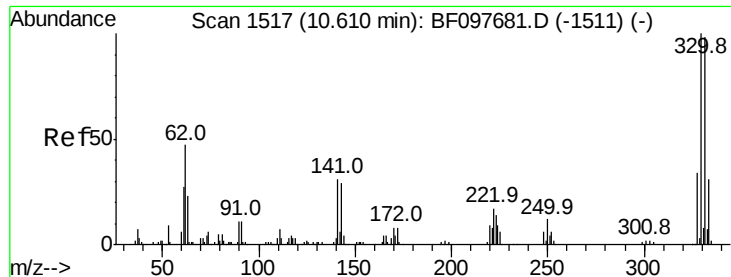
Tot Ion: 82 Resp: 911369
 Ion Ratio Lower Upper
 82 100
 128 37.2 34.0 51.0
 54 41.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

Tgt Ion:164 Resp: 209128
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 49.0 36.2 54.2

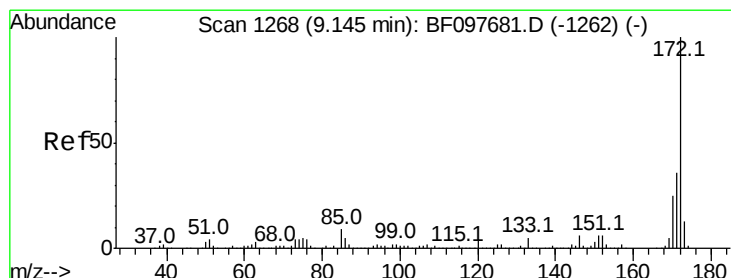
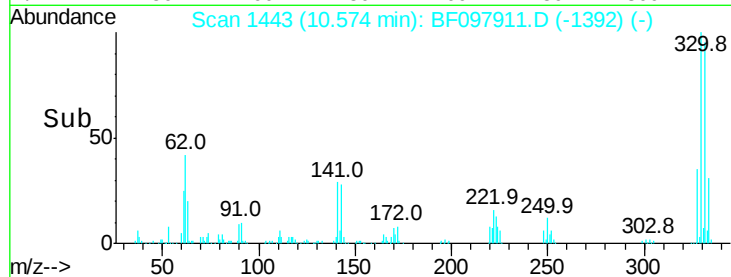
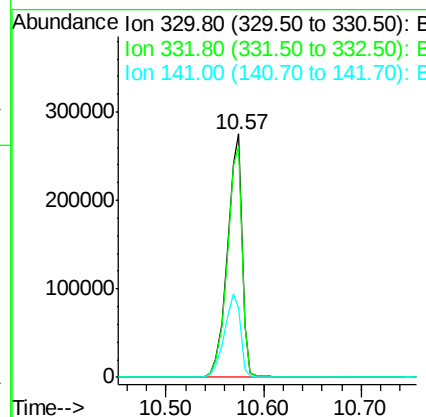
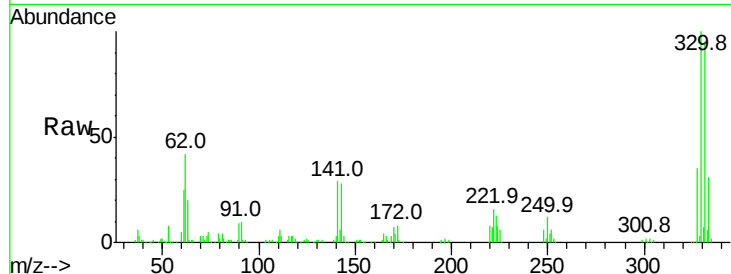




#41
 2,4,6-Tribromophenol
 Concen: 158.897 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

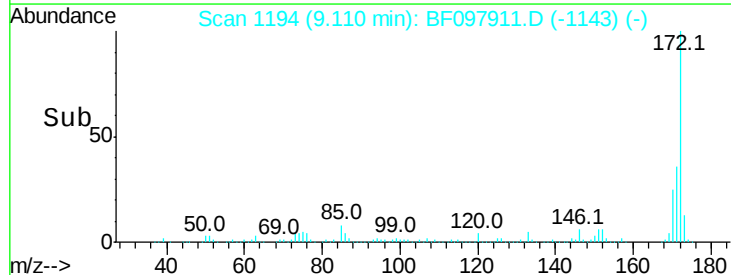
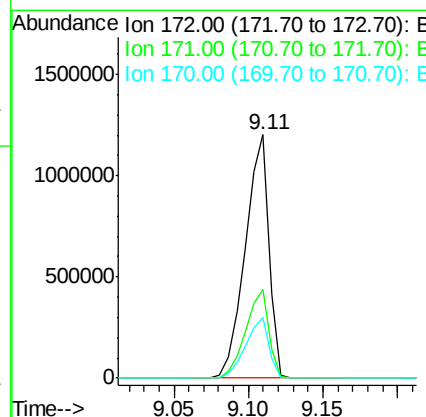
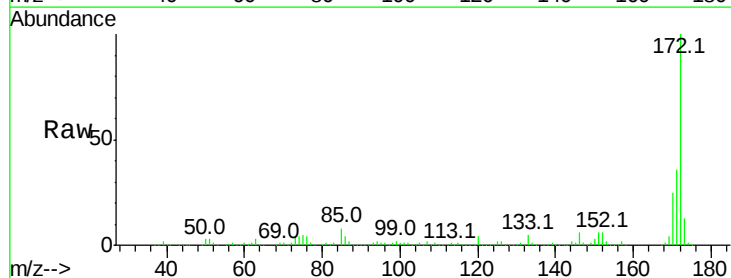
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BL

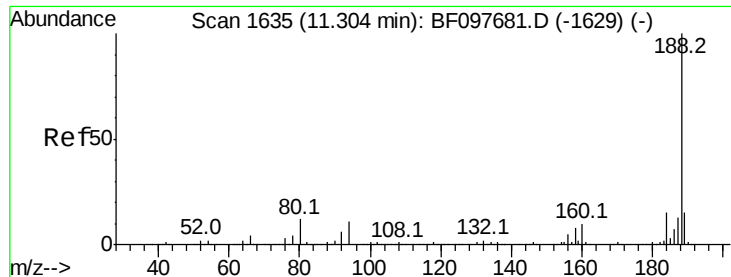
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	37.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 92.768 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.6	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB101695BL

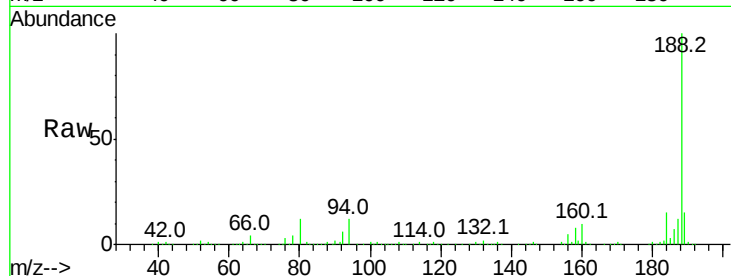
Tot Ion:188 Resp: 424946

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

80 12.1 10.2 15.2

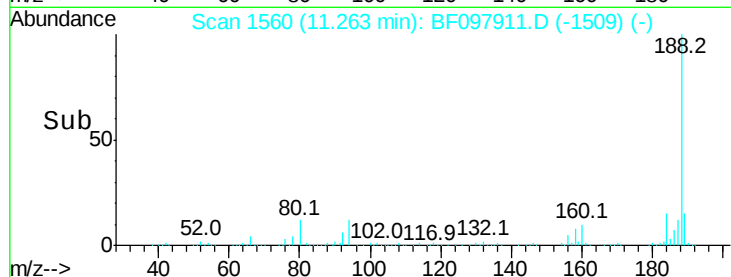


Abundance Ion 188.00 (187.70 to 188.70): E

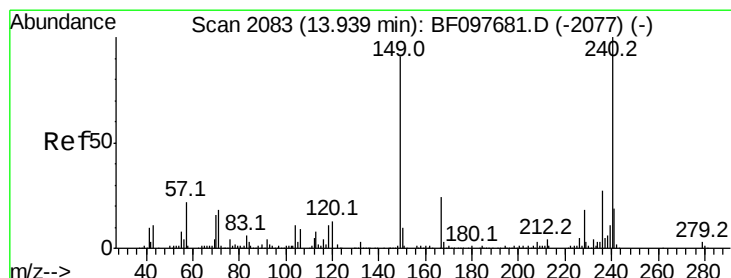
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.20 11.25 11.30



Time--> 11.20 11.25 11.30



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

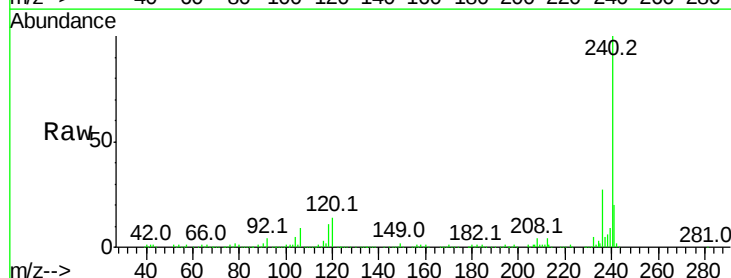
Tgt Ion:240 Resp: 392263

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

236 26.9 20.5 30.7

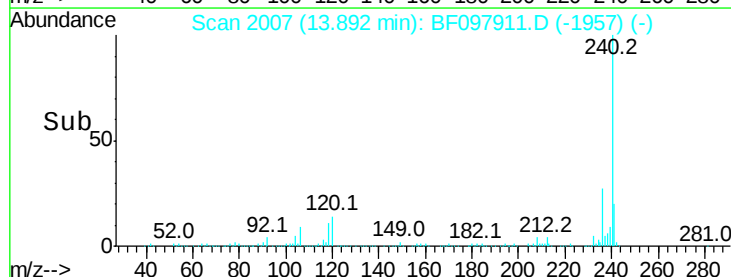


Abundance Ion 240.00 (239.70 to 240.70): E

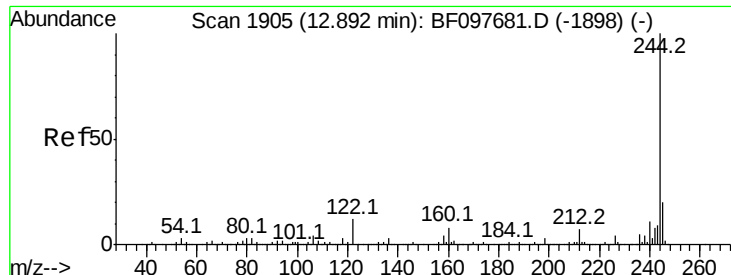
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 13.80 13.90 14.00



Time--> 13.80 13.90 14.00



#78

Terphenyl-d14

Concen: 65.195 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB101695BL

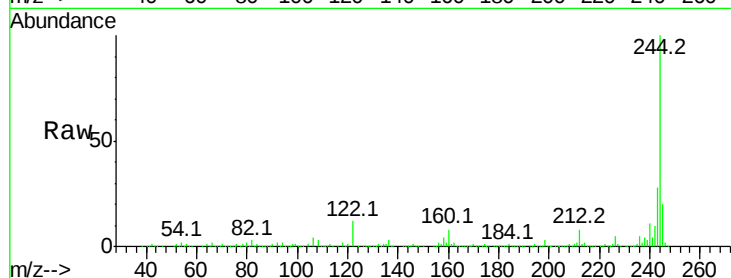
Tot Ion:244 Resp: 1226349

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

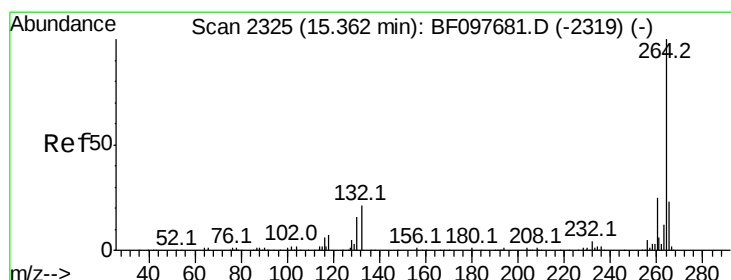
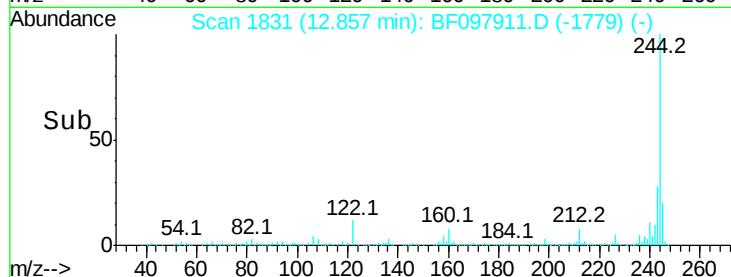
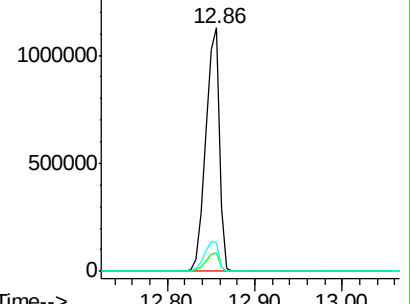
122 11.9 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

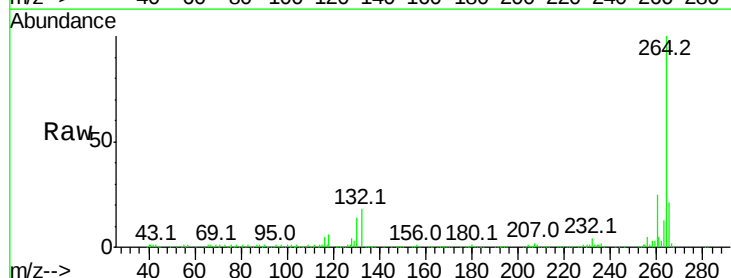
Tgt Ion:264 Resp: 312161

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.1 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

