

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097637.D
 Acq On : 12 Aug 2017 16:30
 Operator : SJ/JU
 Sample : PB101443TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101443TB

Quant Time: Aug 14 06:00:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	114215	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	505403	20.00	ng	-0.01
38) Acenaphthene-d10	12.34	164	210968	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	388132	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	318426	20.00	ng	-0.02
86) Perylene-d12	20.11	264	252939	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	985178	137.10	ng	0.02
7) Phenol-d6	7.06	99	1120198	125.67	ng	0.00
23) Nitrobenzene-d5	8.41	82	680183	84.39	ng	-0.01
41) 2,4,6-Tribromophenol	13.64	330	195691	122.02	ng	-0.02
44) 2-Fluorobiphenyl	11.30	172	1099423	78.65	ng	-0.02
78) Terphenyl-d14	17.11	244	852211	55.39	ng	-0.01

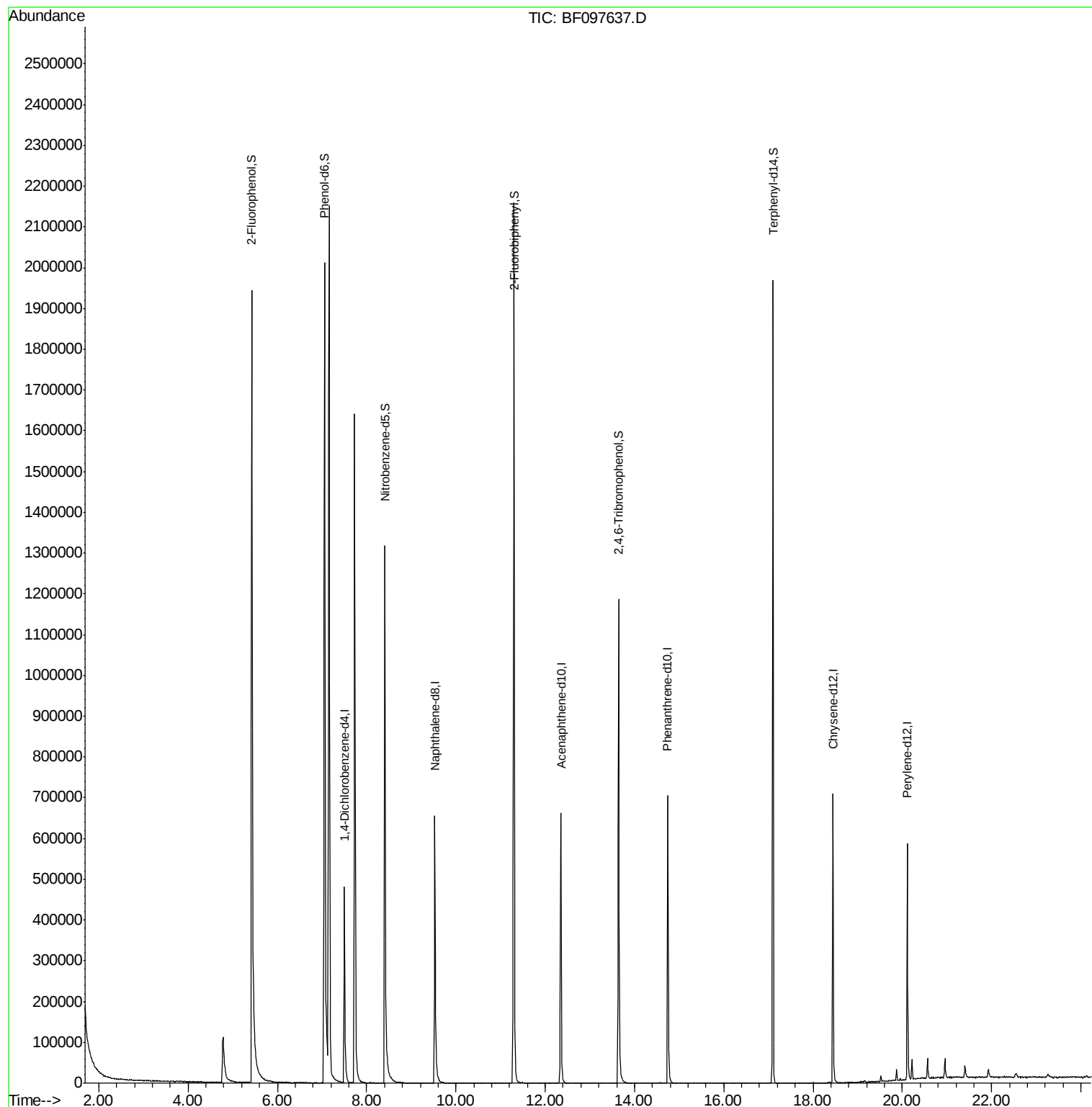
Target Compounds Qvalue

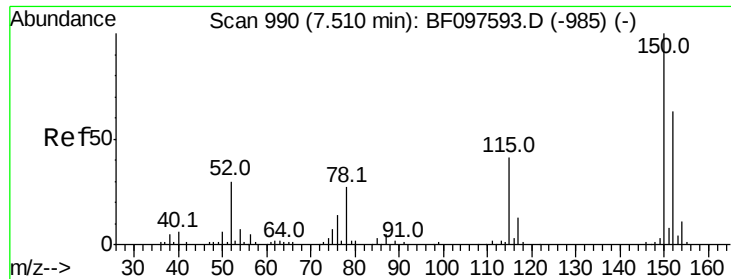
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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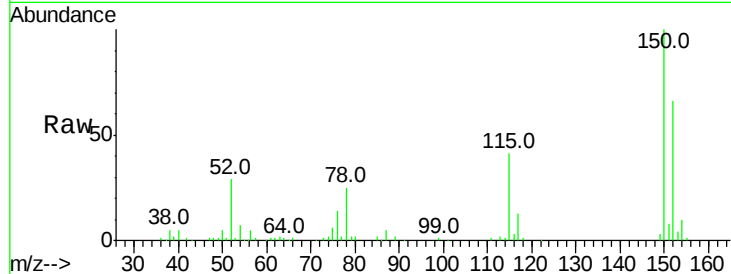


#1

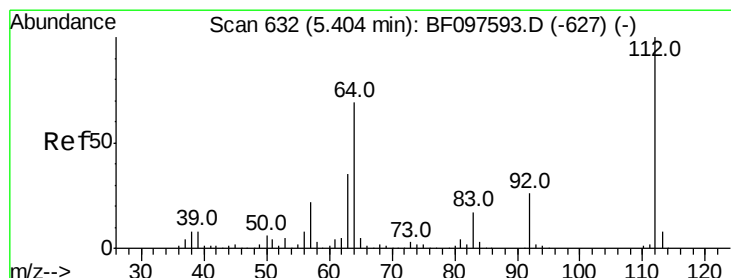
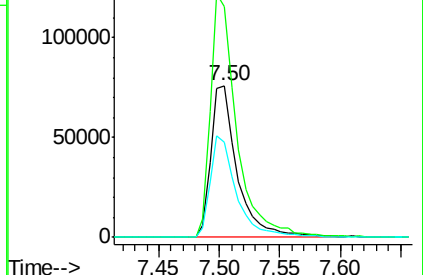
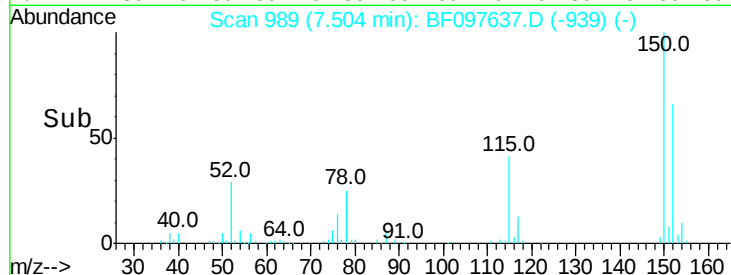
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF097637.D
 Acq: 12 Aug 2017 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101443TB

Tot Ion:152 Resp: 114215
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.2 189.2
 115 62.8 52.2 78.2



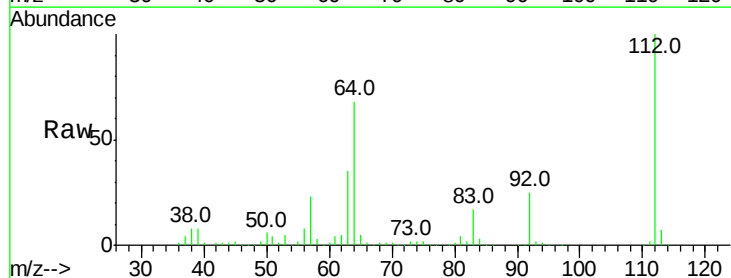
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



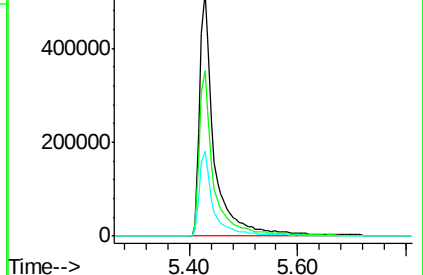
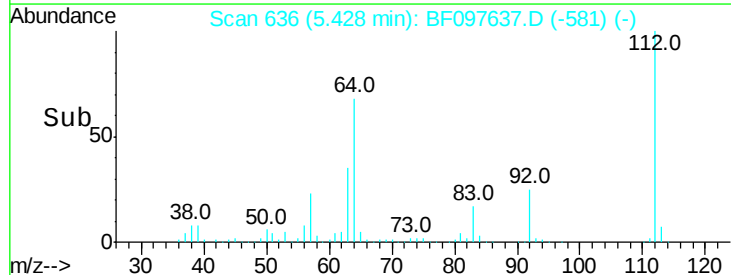
#5

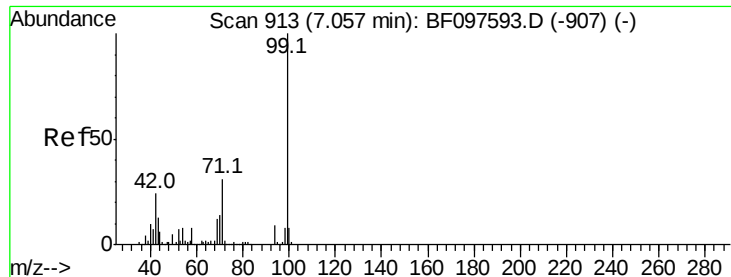
2-Fluorophenol
 Concen: 137.105 ng
 RT: 5.43 min Scan# 636
 Delta R.T. 0.02 min
 Lab File: BF097637.D
 Acq: 12 Aug 2017 16:30

Tgt Ion:112 Resp: 985178
 Ion Ratio Lower Upper
 112 100
 64 68.0 46.0 69.0
 63 34.8 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: 125.670 ng

RT: 7.06 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

Instrument :

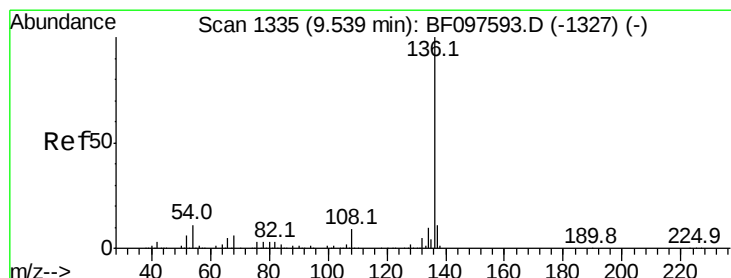
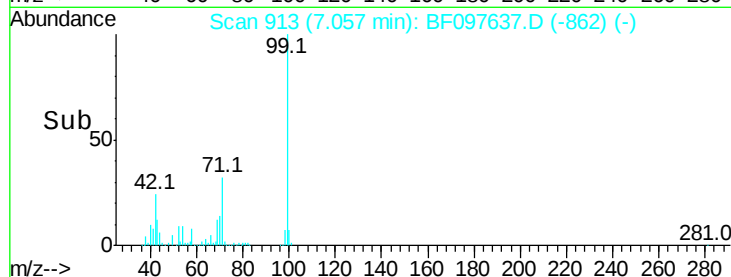
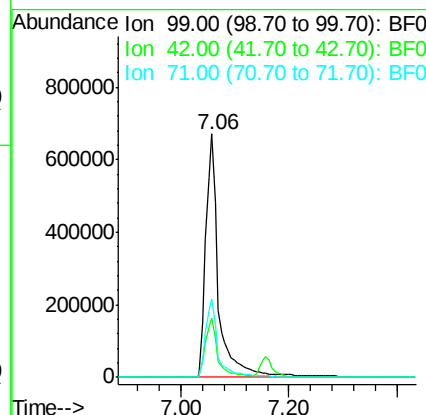
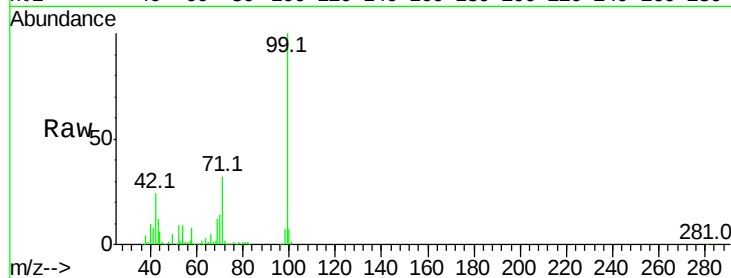
BNA_F

ClientSampleId :

PB101443TB

Tot Ion: 99 Resp: 1120198

Ion	Ratio	Lower	Upper
99	100		
42	24.4	13.5	20.3#
71	32.2	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.53 min Scan# 1333

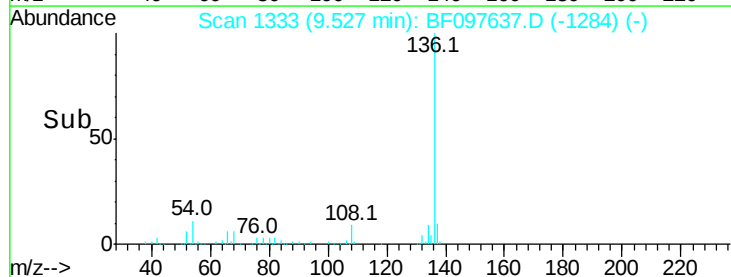
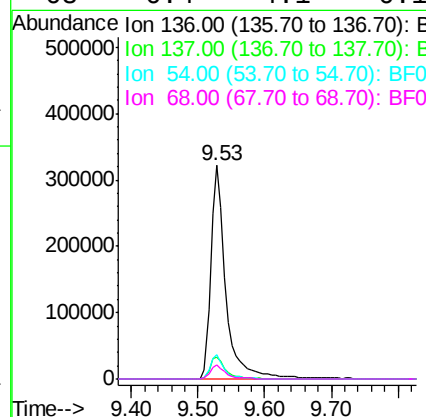
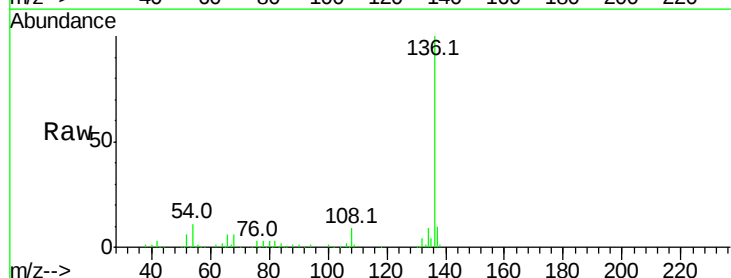
Delta R.T. -0.01 min

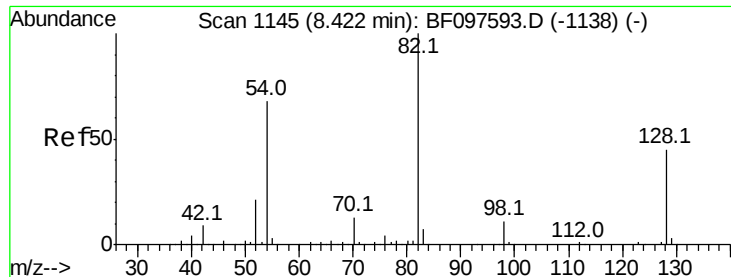
Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

Tgt Ion: 136 Resp: 505403

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	11.4	4.9	7.3#
68	6.4	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 84.389 ng

RT: 8.41 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

Instrument :

BNA_F

ClientSampleId :

PB101443TB

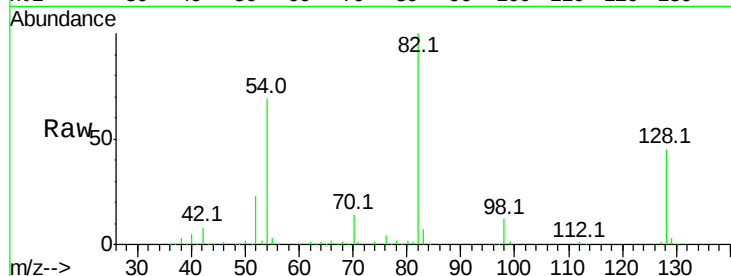
Tot Ion: 82 Resp: 680183

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

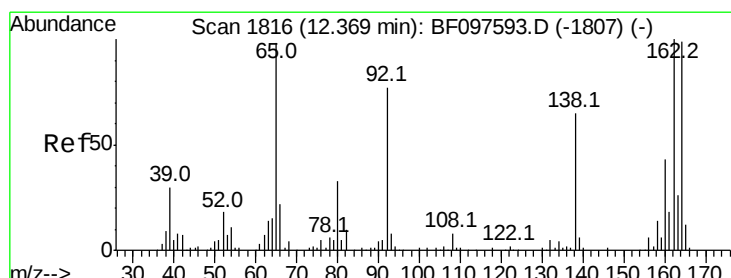
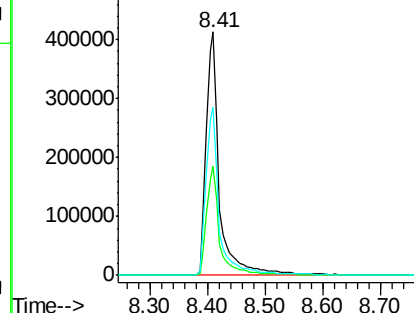
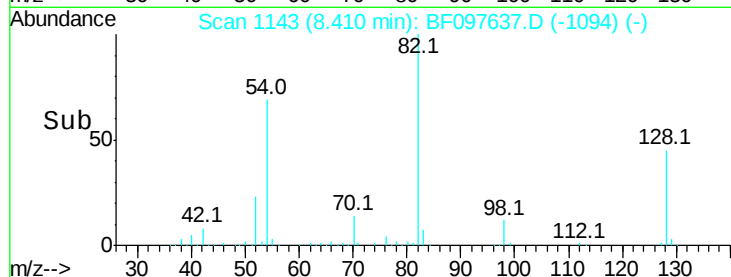
54 69.0 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.34 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

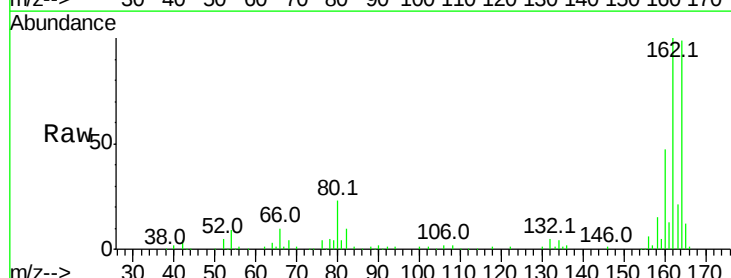
Tgt Ion:164 Resp: 210968

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

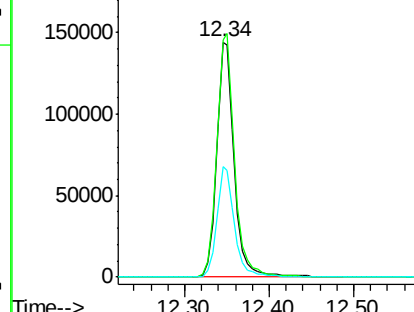
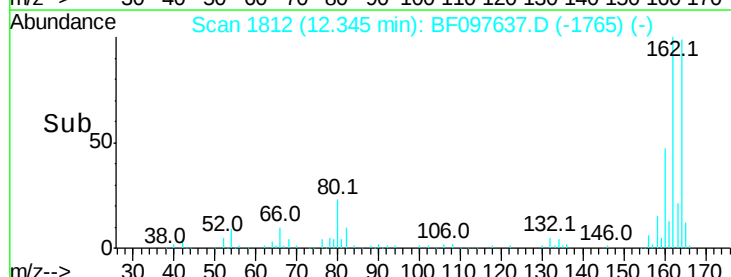
160 47.3 36.2 54.2

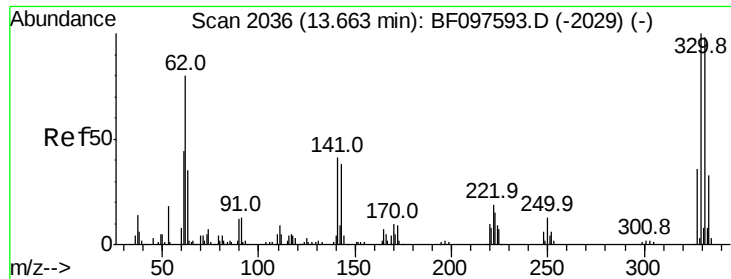


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

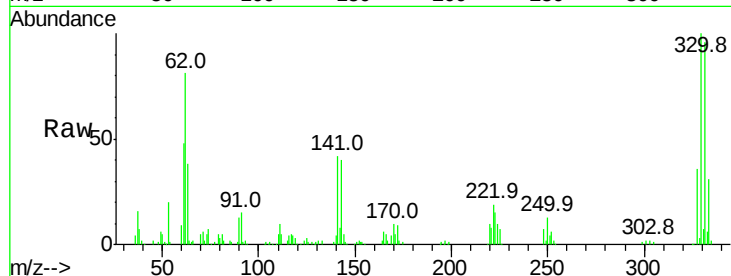




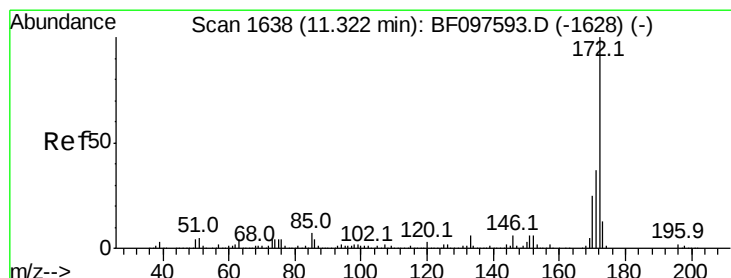
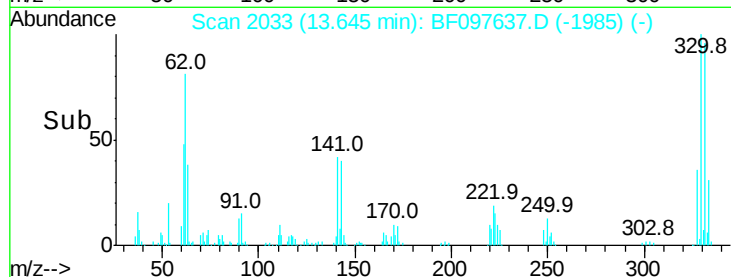
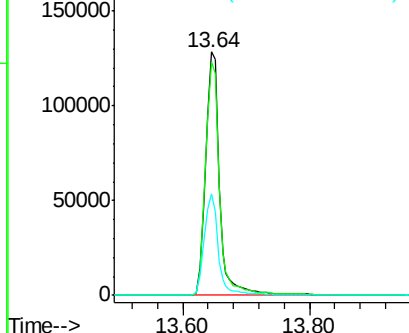
#41
 2,4,6-Tribromophenol
 Concen: 122.021 ng
 RT: 13.64 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: BF097637.D
 Acq: 12 Aug 2017 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101443TB

Tot Ion:330 Resp: 195691
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 42.1 31.4 47.2

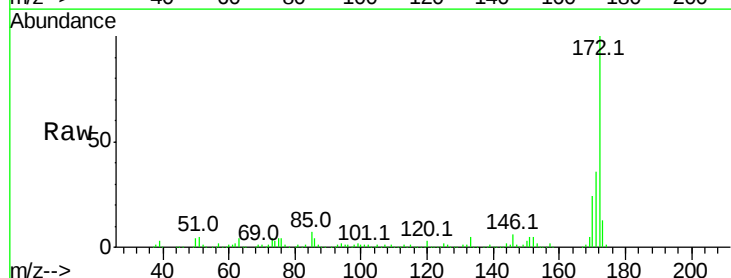


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

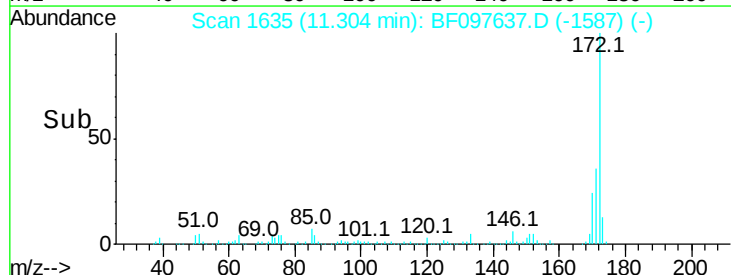
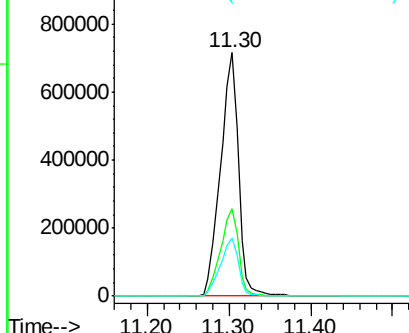


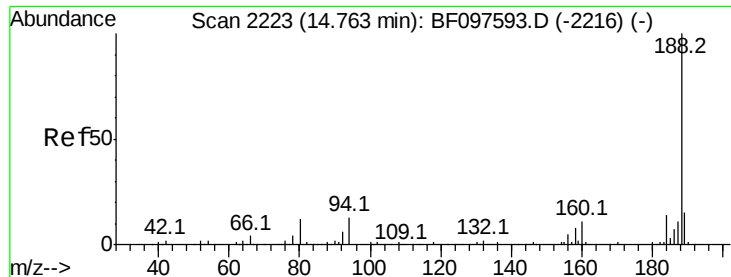
#44
 2-Fluorobiphenyl
 Concen: 78.649 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097637.D
 Acq: 12 Aug 2017 16:30

Tgt Ion:172 Resp: 1099423
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: 14.74 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

Instrument :

BNA_F

ClientSampleId :

PB101443TB

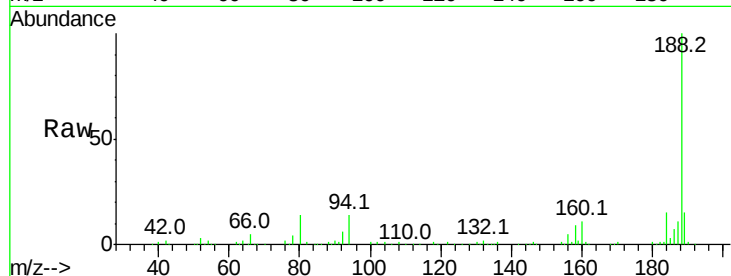
Tot Ion:188 Resp: 388132

Ion Ratio Lower Upper

188 100

94 13.6 9.4 14.2

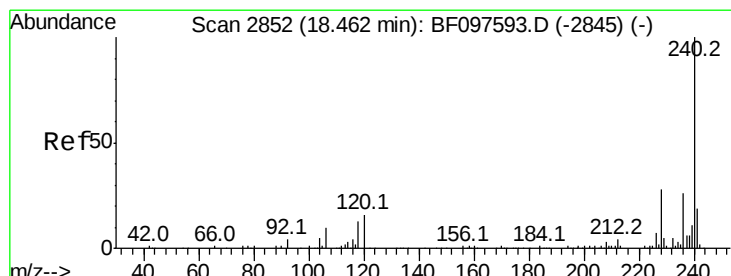
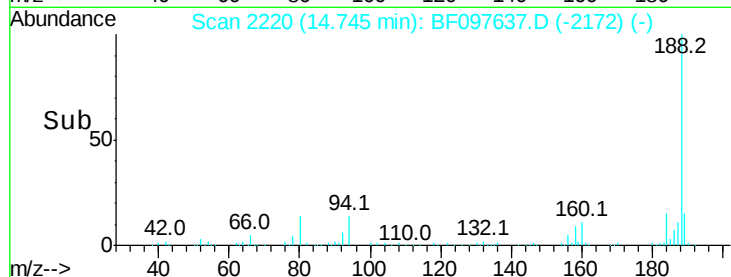
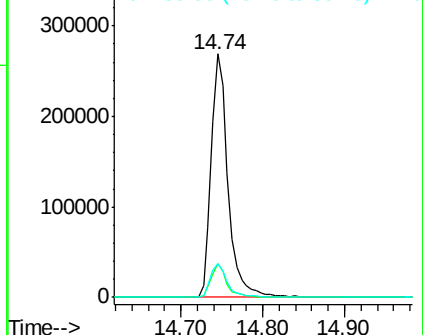
80 13.7 10.2 15.2



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: 18.44 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

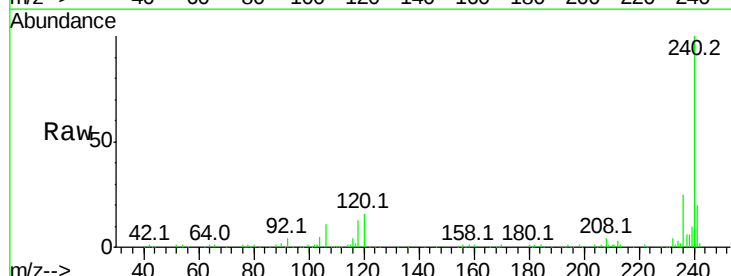
Tgt Ion:240 Resp: 318426

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

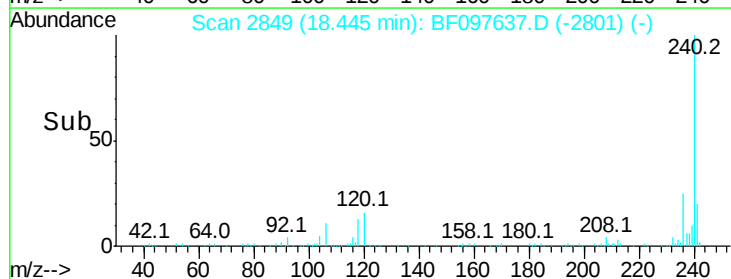
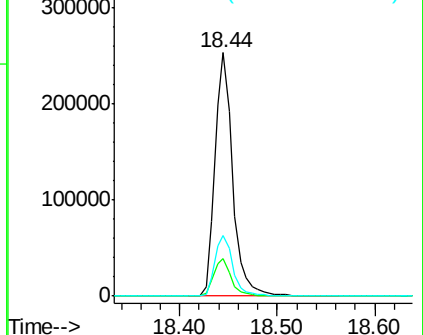
236 25.1 20.5 30.7

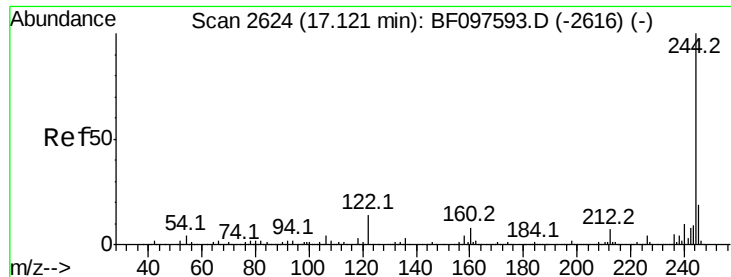


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.391 ng

RT: 17.11 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

Instrument :

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PB101443TB

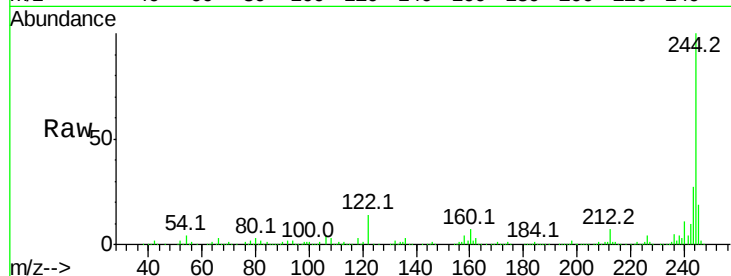
Tot Ion:244 Resp: 852211

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

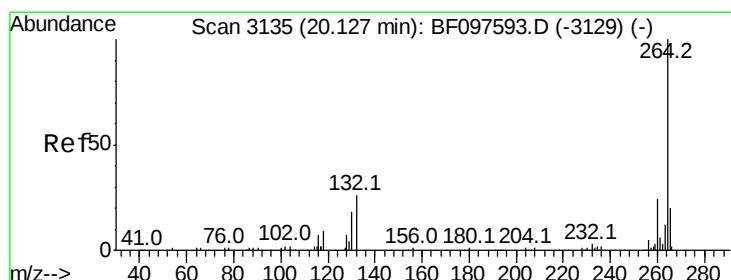
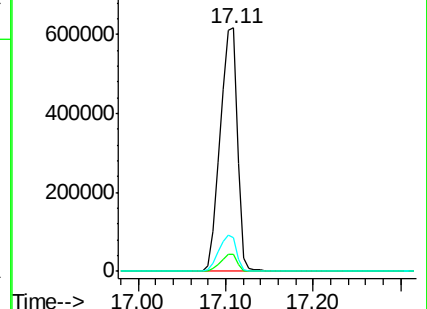
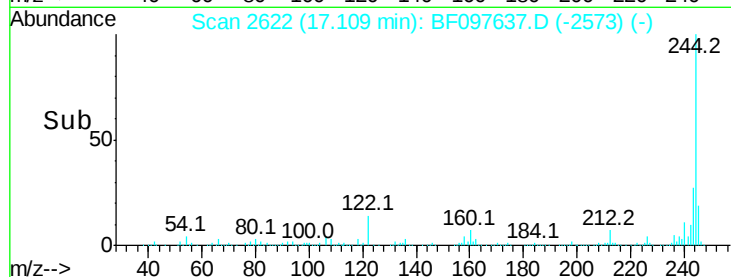
122 14.0 10.3 15.5



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: 20.11 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

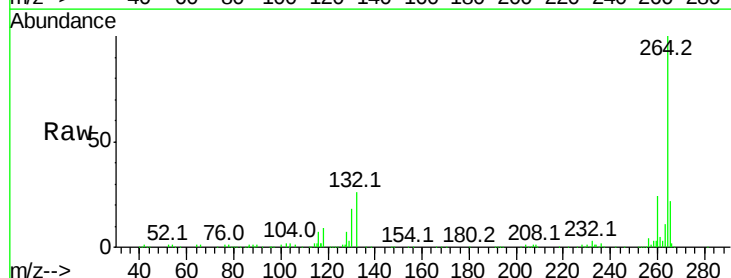
Tgt Ion:264 Resp: 252939

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 22.2 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

