

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097635.D
 Acq On : 12 Aug 2017 15:24
 Operator : SJ/JU
 Sample : PB101441BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BL

Quant Time: Aug 14 05:56:16 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	116661	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	537168	20.00	ng	-0.01
38) Acenaphthene-d10	12.34	164	231266	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	381988	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	362964	20.00	ng	-0.02
86) Perylene-d12	20.11	264	268188	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1026556	139.87	ng	0.03
7) Phenol-d6	7.06	99	1186805	130.35	ng	0.00
23) Nitrobenzene-d5	8.41	82	707148	82.55	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	217730	123.85	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	1269196	82.82	ng	-0.02
78) Terphenyl-d14	17.11	244	965330	55.04	ng	-0.01

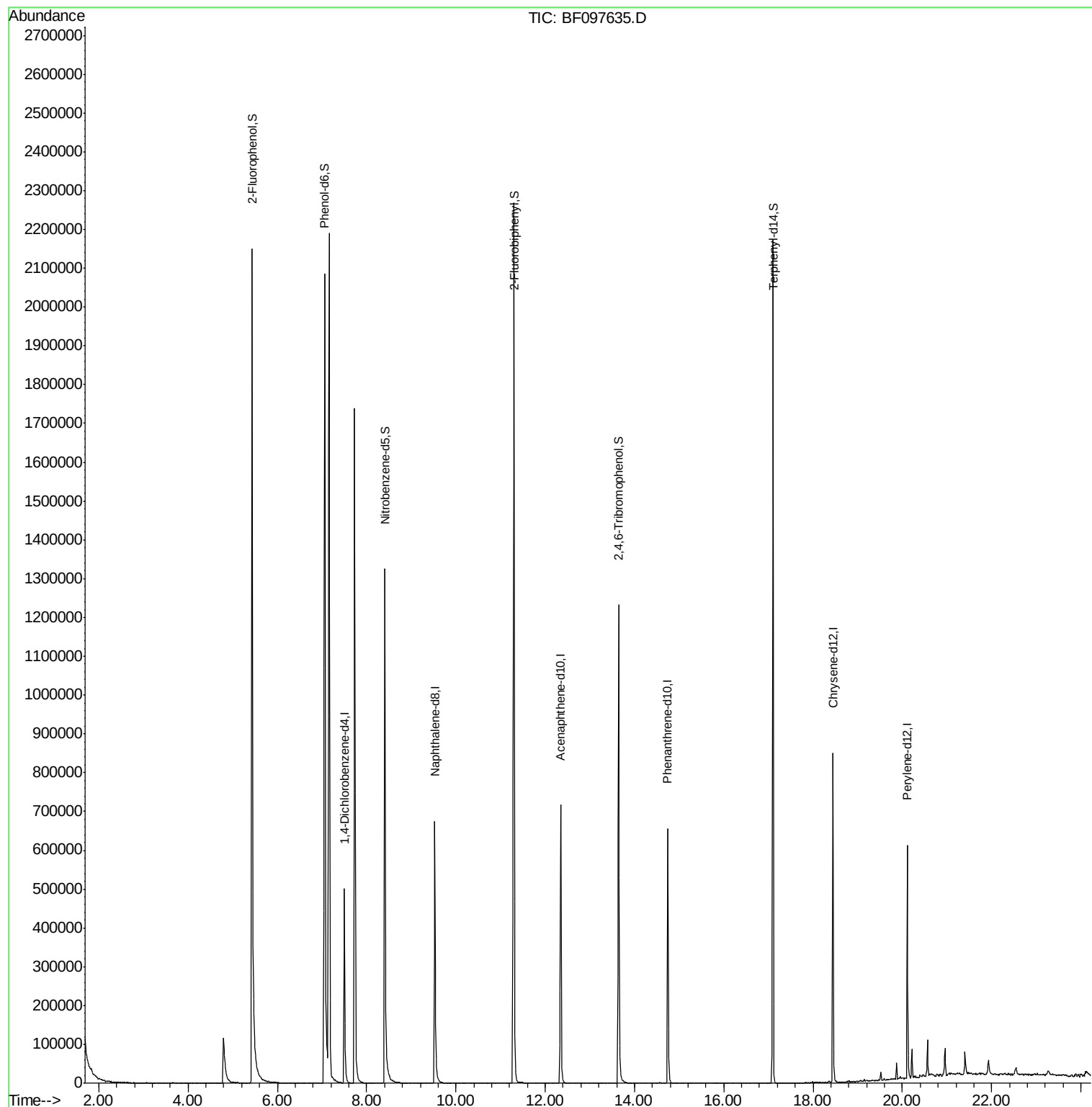
Target Compounds Qvalue

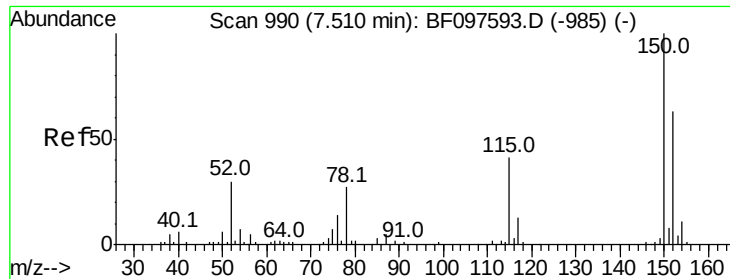
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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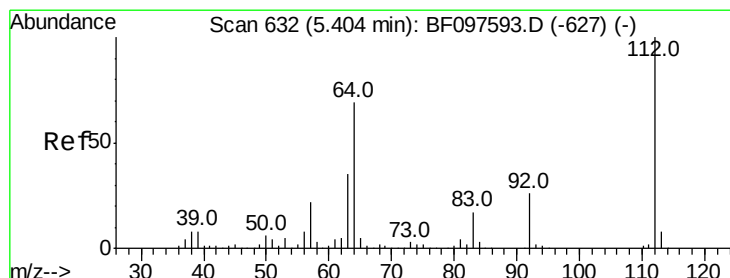
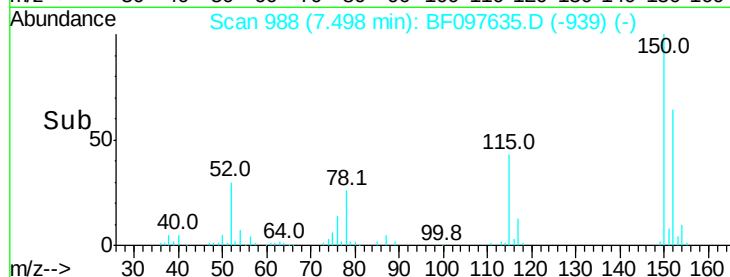
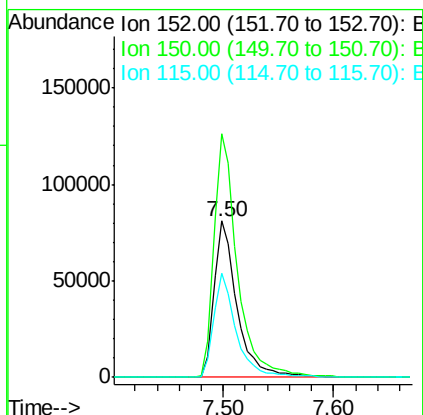
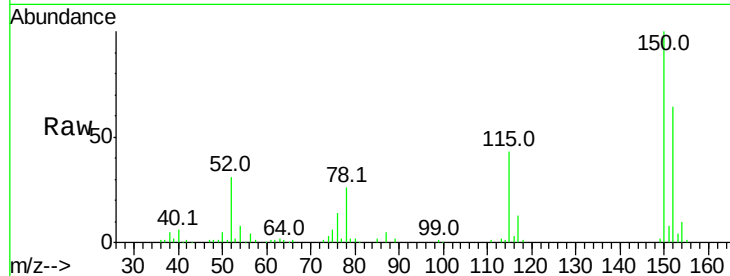


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097635.D
Acq: 12 Aug 2017 15:24

Instrument :
BNA_F
ClientSampleId :
PB101441BL

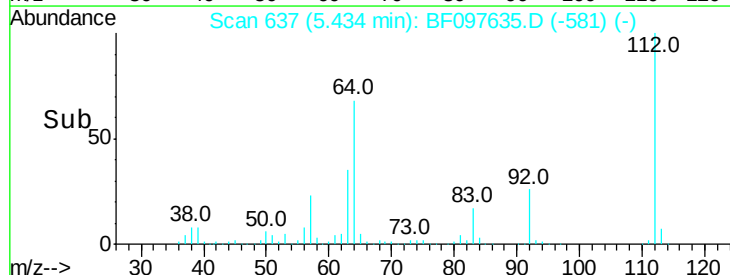
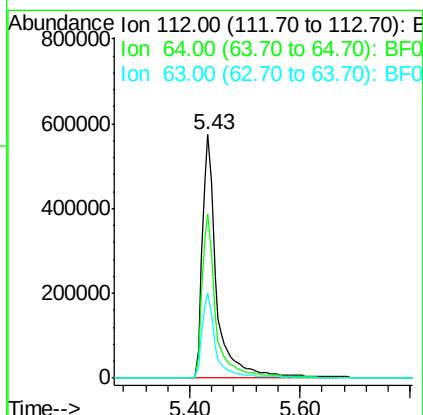
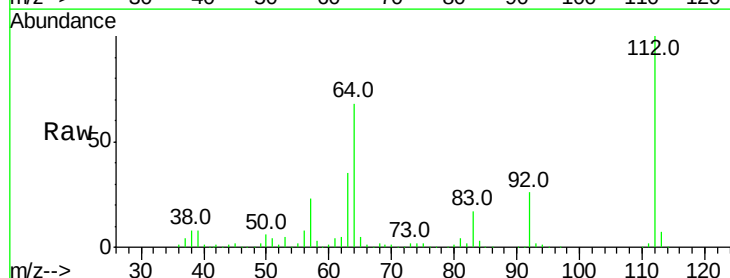
Tot Ion:152 Resp: 116661
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 66.3 52.2 78.2

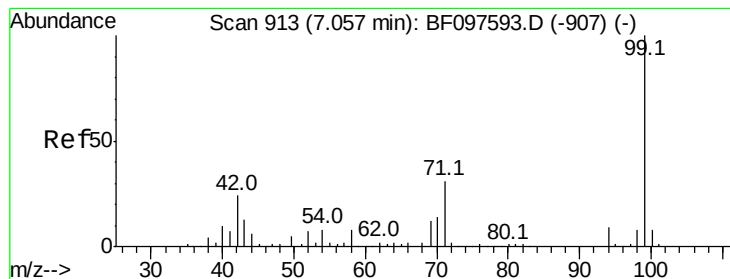


#5

2-Fluorophenol
Concen: 139.868 ng
RT: 5.43 min Scan# 637
Delta R.T. 0.03 min
Lab File: BF097635.D
Acq: 12 Aug 2017 15:24

Tgt Ion:112 Resp: 1026556
Ion Ratio Lower Upper
112 100
64 67.5 46.0 69.0
63 34.6 23.4 35.0





#7

Phenol-d6

Concen: 130.351 ng

RT: 7.06 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF097635.D

Acq: 12 Aug 2017 15:24

Instrument :

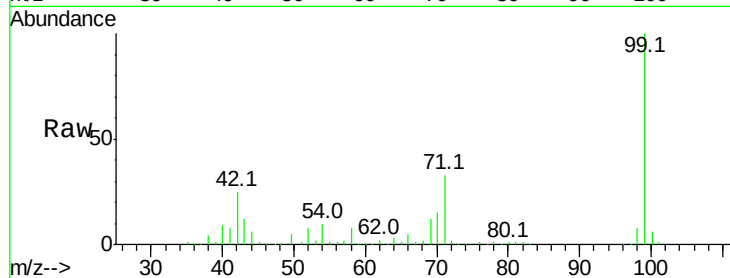
BNA_F

ClientSampleId :

PB101441BL

Tot Ion: 99 Resp: 1186805

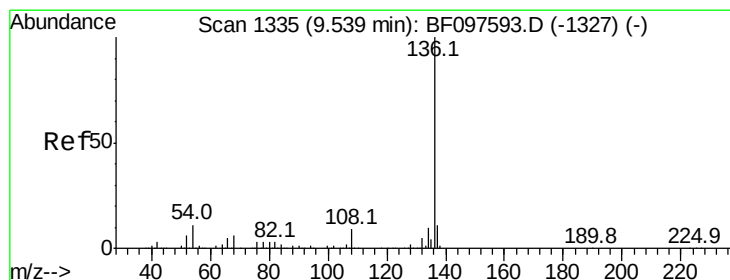
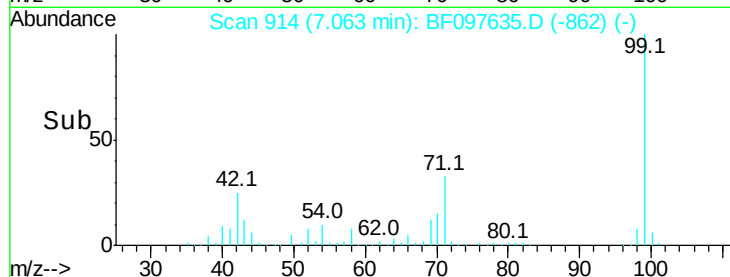
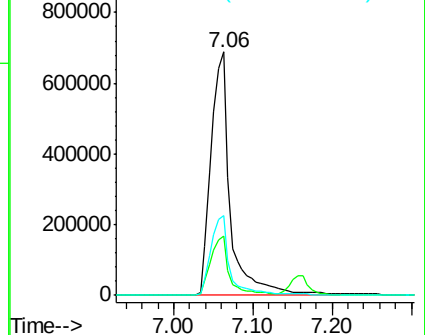
Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	32.8	24.5	36.7



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: 9.53 min Scan# 1333

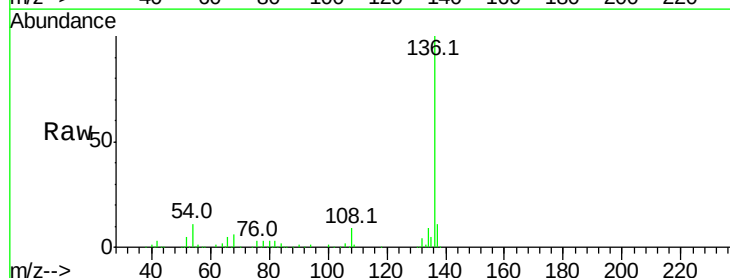
Delta R.T. -0.01 min

Lab File: BF097635.D

Acq: 12 Aug 2017 15:24

Tgt Ion: 136 Resp: 537168

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.9	4.9	7.3#
68	5.8	4.1	6.1

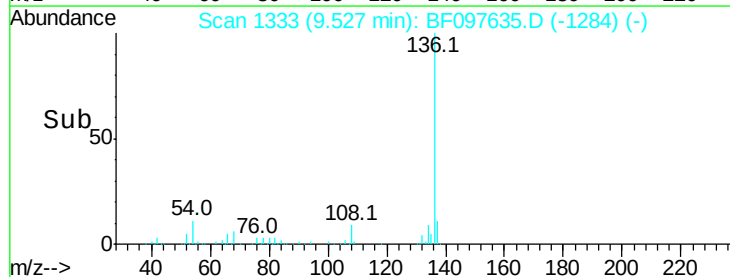
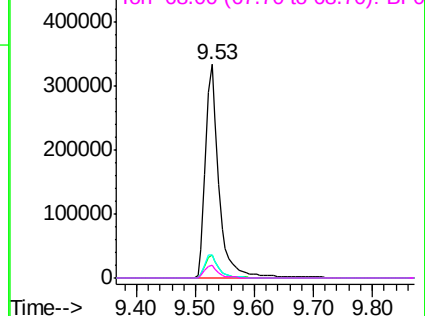


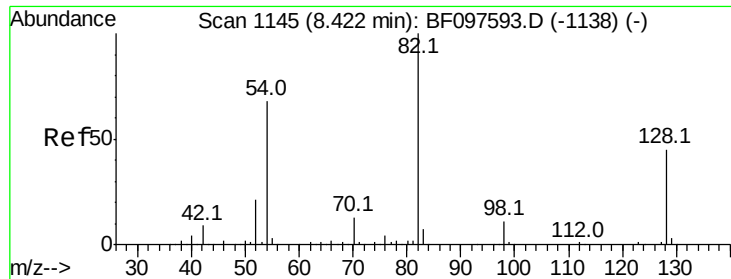
Abundance Ion 136.00 (135.70 to 136.70): E

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

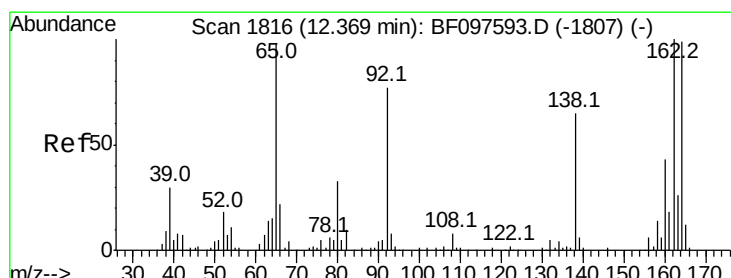
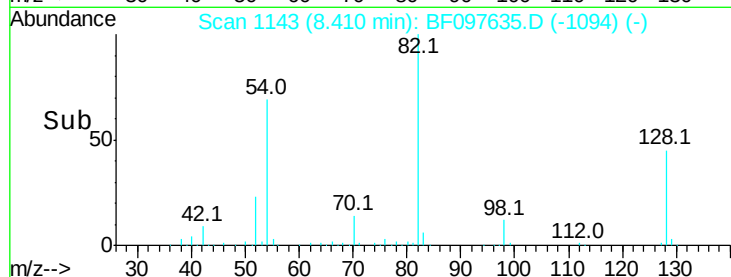
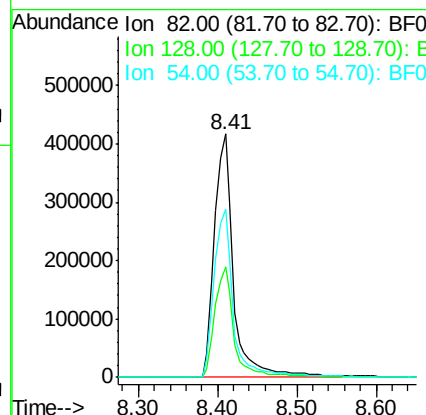
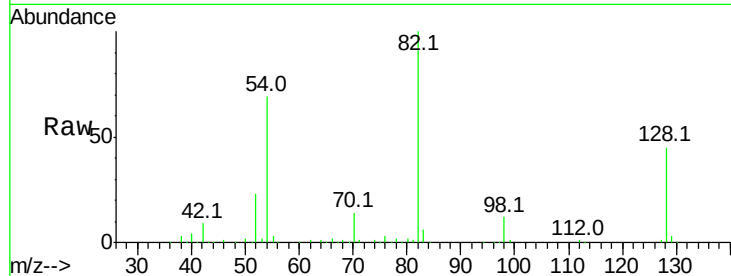




#23
 Nitrobenzene-d5
 Concen: 82.547 ng
 RT: 8.41 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF097635.D
 Acq: 12 Aug 2017 15:24

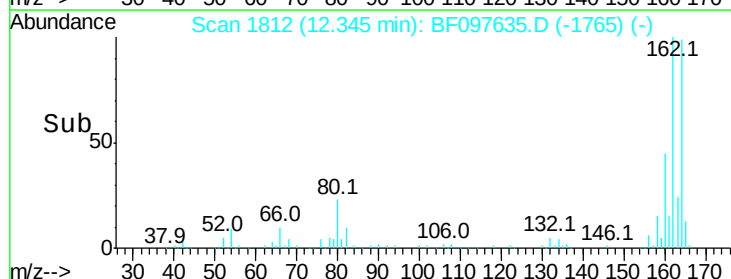
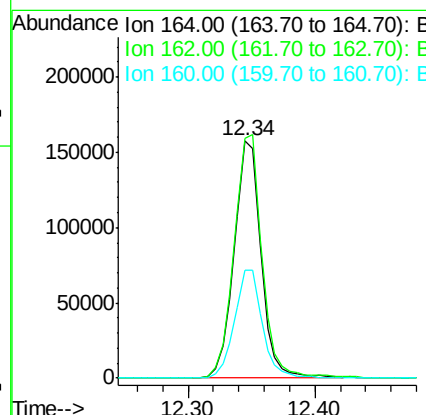
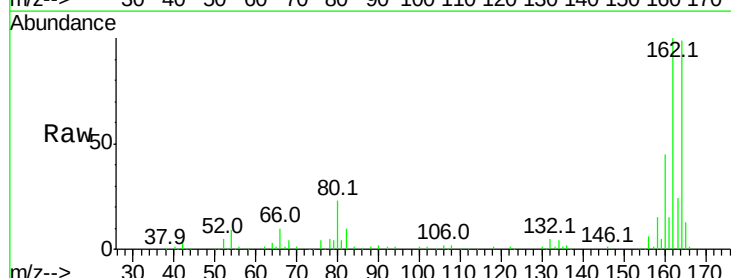
Instrument :
 BNA_F
 ClientSampleId :
 PB101441BL

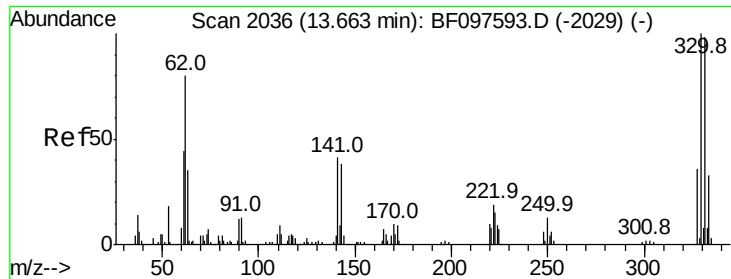
Tot Ion: 82 Resp: 707148
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.0 51.0
 54 69.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.34 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BF097635.D
 Acq: 12 Aug 2017 15:24

Tgt Ion:164 Resp: 231266
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.6 123.8
 160 45.7 36.2 54.2

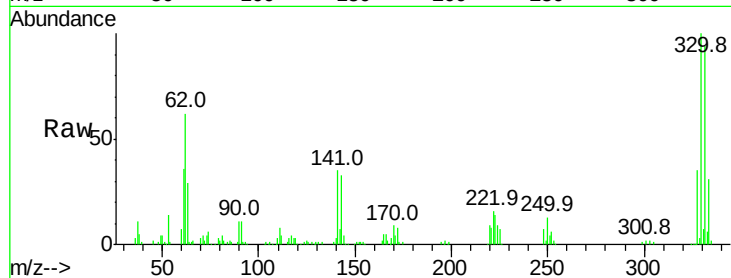




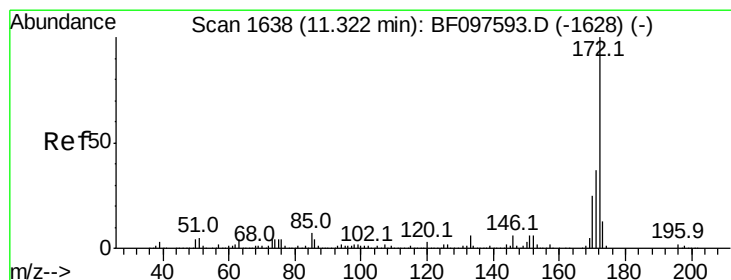
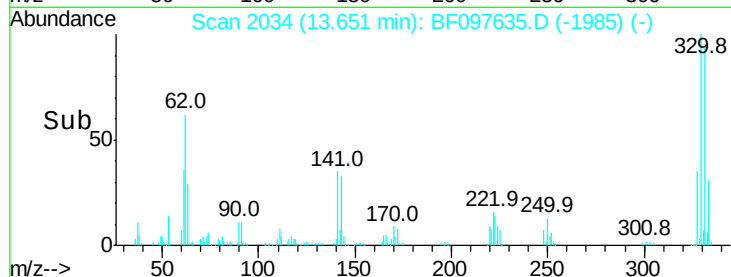
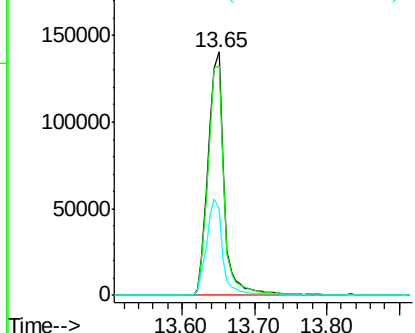
#41
 2,4,6-Tribromophenol
 Concen: 123.848 ng
 RT: 13.65 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF097635.D
 Acq: 12 Aug 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BL

Tot Ion:330 Resp: 217730
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 39.4 31.4 47.2

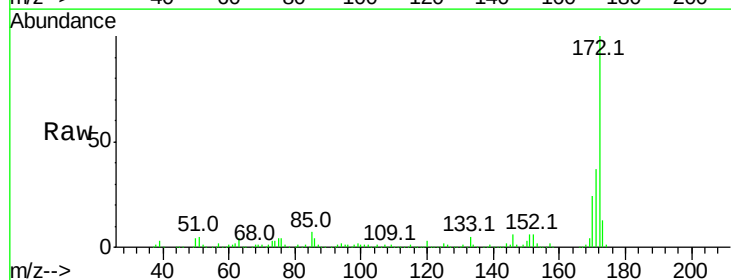


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

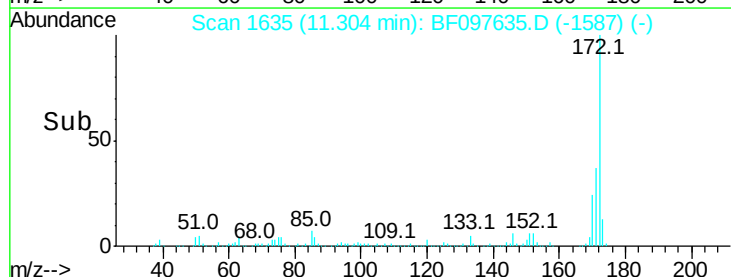
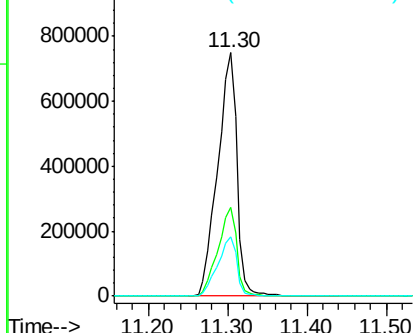


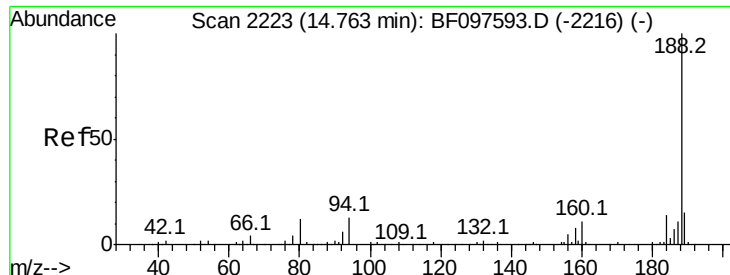
#44
 2-Fluorobiphenyl
 Concen: 82.825 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097635.D
 Acq: 12 Aug 2017 15:24

Tgt Ion:172 Resp: 1269196
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.1 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: BF097635.D

Acq: 12 Aug 2017 15:24

Instrument :

BNA_F

ClientSampleId :

PB101441BL

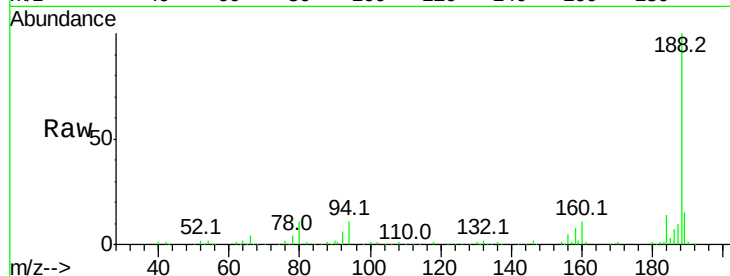
Tot Ion:188 Resp: 381988

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

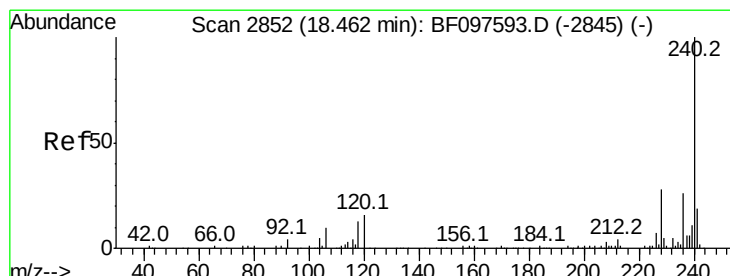
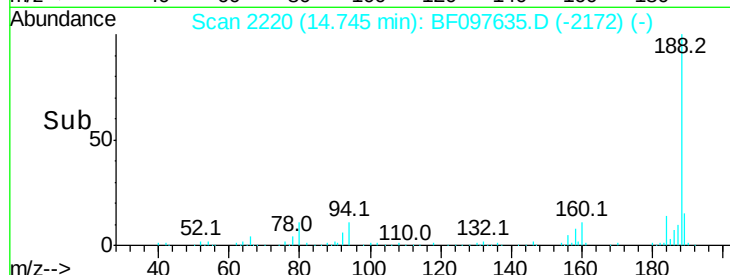
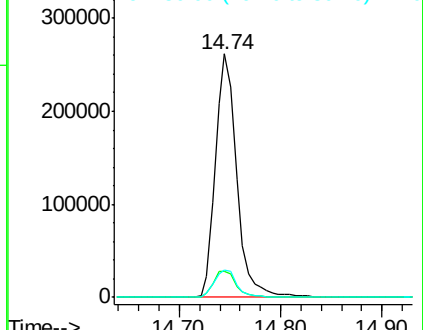
80 11.1 10.2 15.2



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: 18.44 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF097635.D

Acq: 12 Aug 2017 15:24

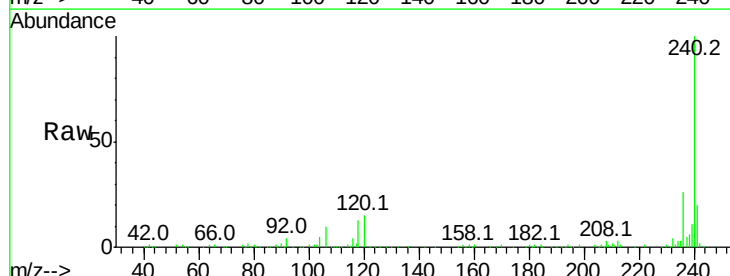
Tgt Ion:240 Resp: 362964

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

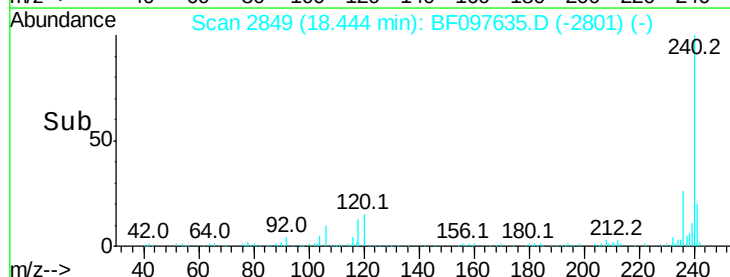
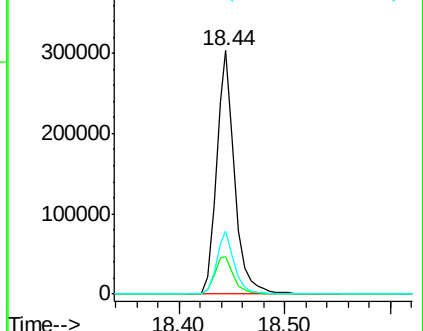
236 26.1 20.5 30.7

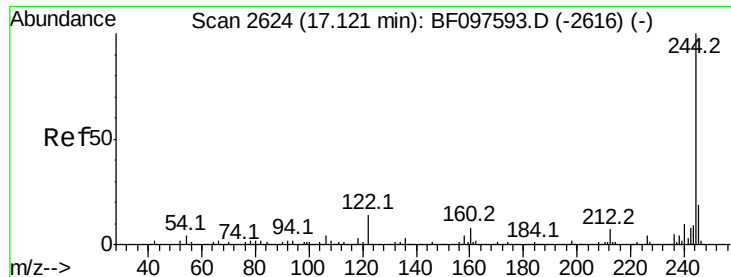


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.044 ng

RT: 17.11 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BF097635.D

Acq: 12 Aug 2017 15:24

Instrument :

BNA_F

ClientSampleId :

PB101441BL

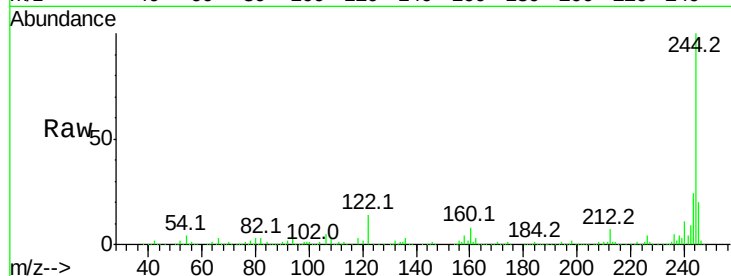
Tot Ion:244 Resp: 965330

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

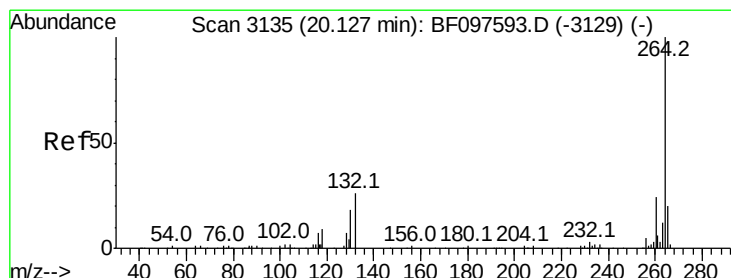
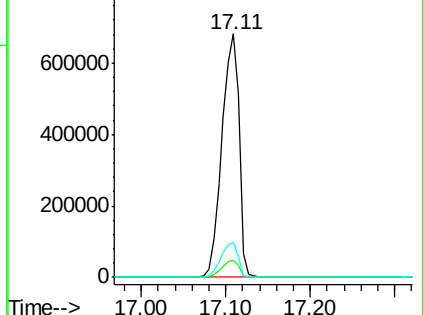
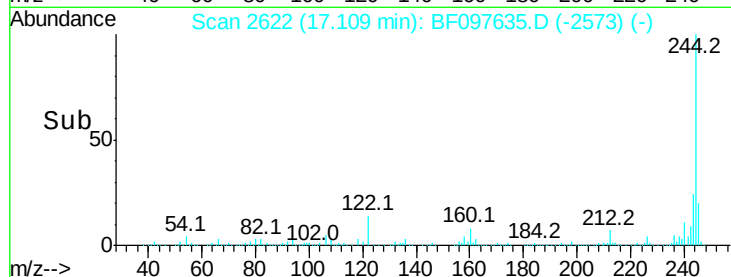
122 14.2 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 20.11 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BF097635.D

Acq: 12 Aug 2017 15:24

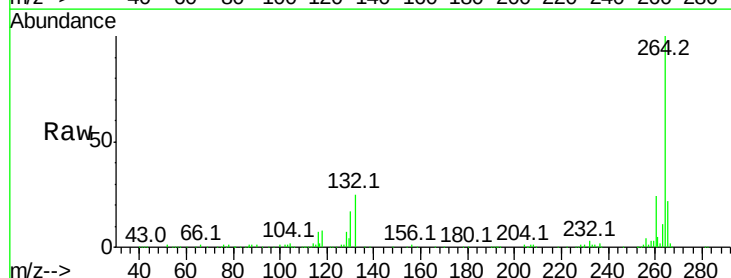
Tgt Ion:264 Resp: 268188

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.3 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

