

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097865.D
 Acq On : 19 Aug 2017 6:59
 Operator : SJ/JU
 Sample : I4818-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-4-CLEAN-DENSEGRADE

Quant Time: Aug 21 00:57:26 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

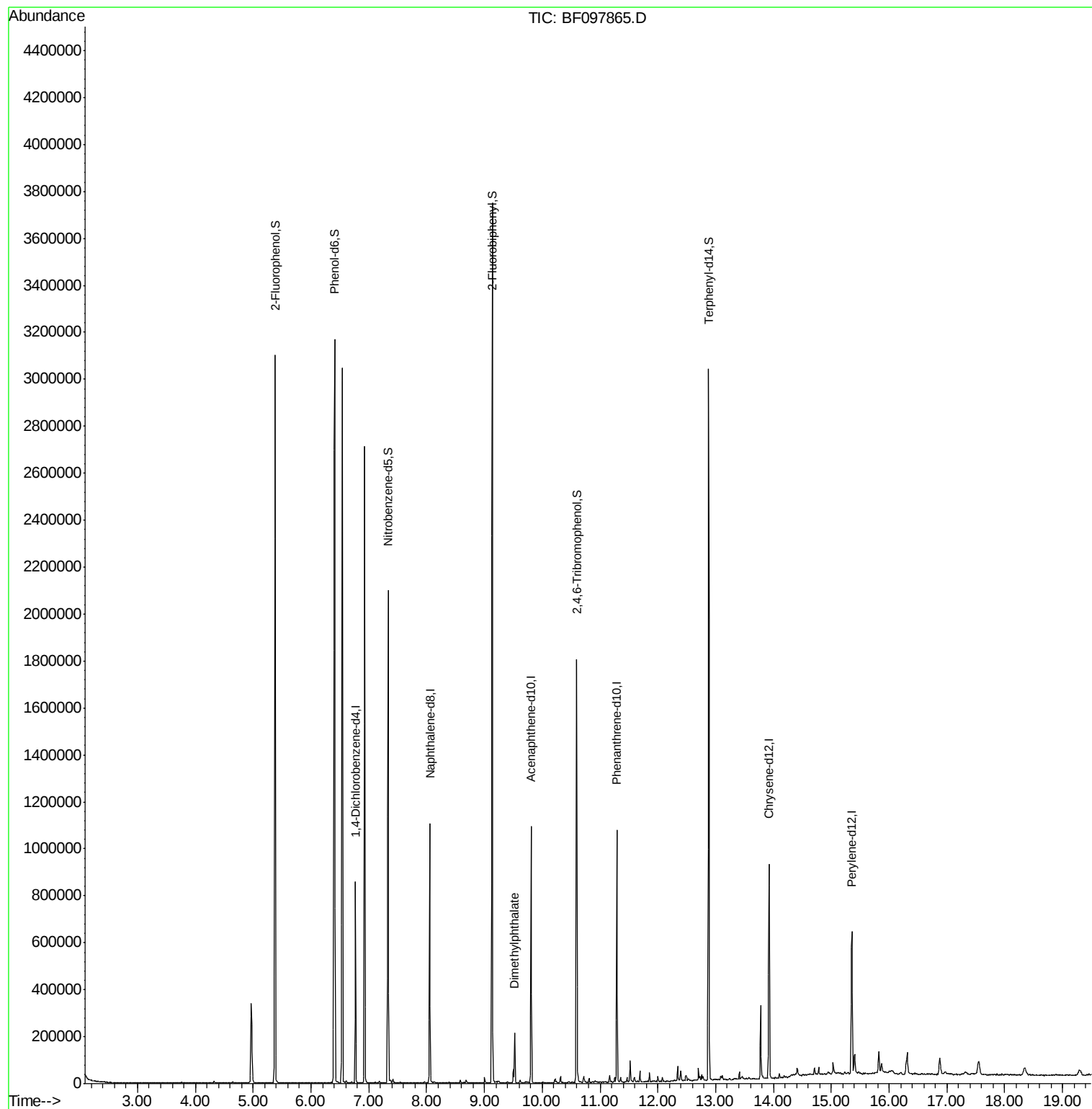
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	115170	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	456440	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	199863	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	365791	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	313722	20.00	ng	-0.02
86) Perylene-d12	15.36	264	263485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	937754	123.85	ng	0.00
7) Phenol-d6	6.41	99	1263805	122.85	ng	0.00
23) Nitrobenzene-d5	7.34	82	799506	95.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	210136	121.18	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1152722	84.74	ng	-0.01
78) Terphenyl-d14	12.88	244	957932	63.67	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	79659	5.453	ng	98

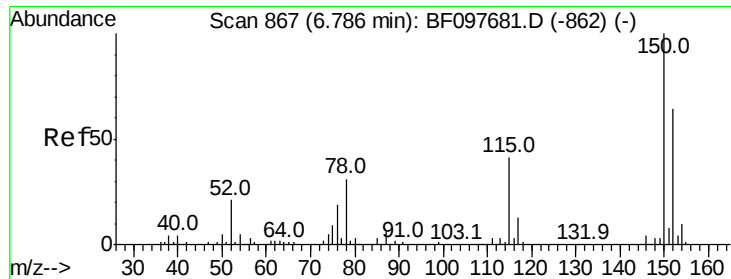
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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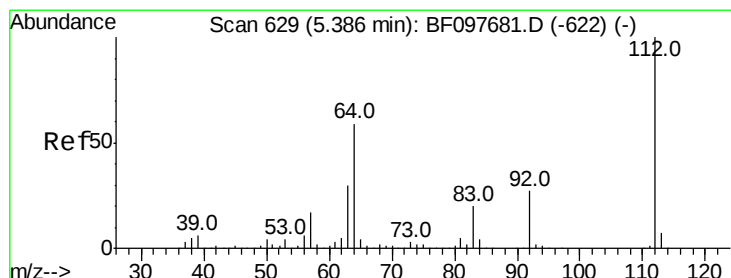
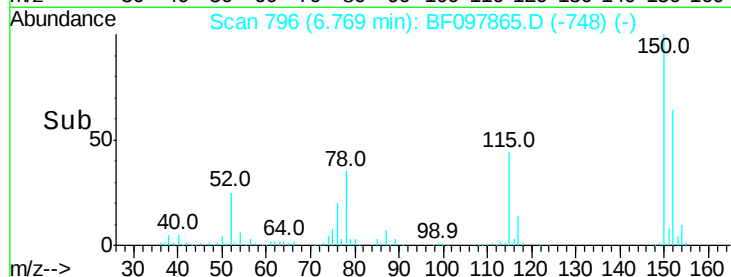
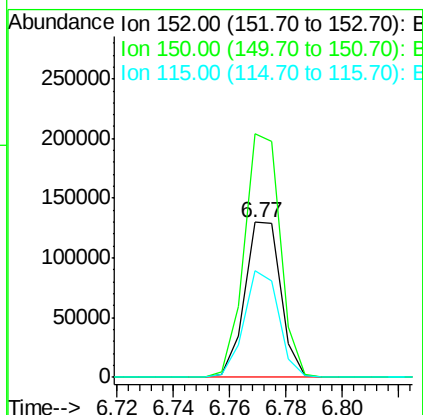
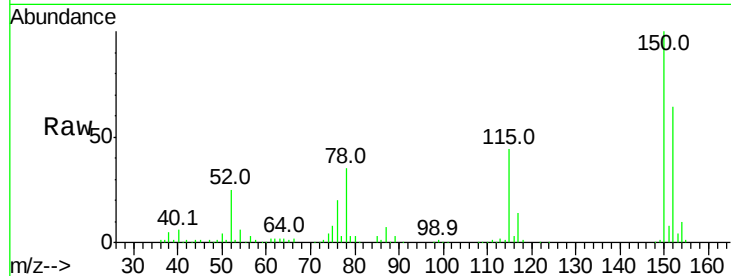


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF097865.D
 Acq: 19 Aug 2017 6:59

Instrument :
 BNA_F
 ClientSampleId :
 3-4-CLEAN-DENSEGRADE

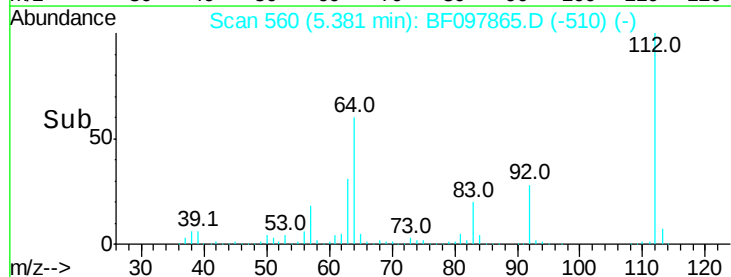
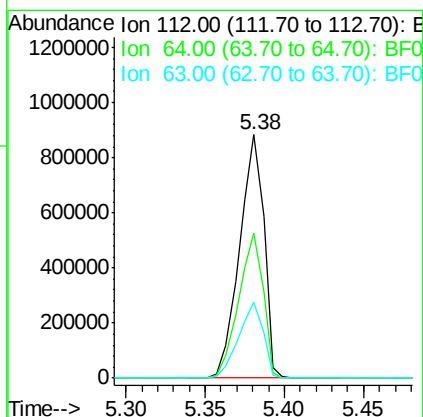
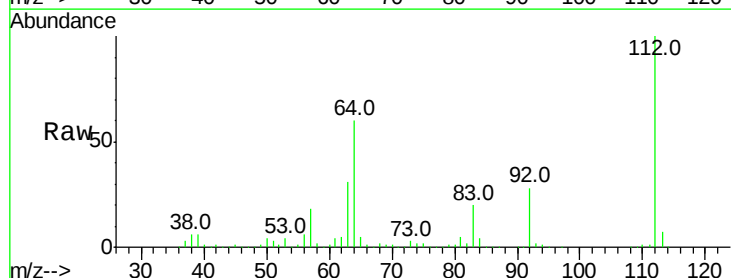
Tot Ion:152 Resp: 115170
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.2 189.2
 115 69.0 52.2 78.2

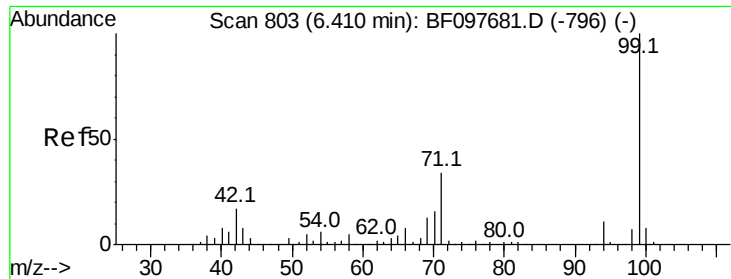


#5

2-Fluorophenol
 Concen: 123.851 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF097865.D
 Acq: 19 Aug 2017 6:59

Tgt Ion:112 Resp: 937754
 Ion Ratio Lower Upper
 112 100
 64 59.6 46.0 69.0
 63 31.0 23.4 35.0





#7

Phenol-d6

Concen: 122.847 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097865.D

Acq: 19 Aug 2017 6:59

Instrument :

BNA_F

ClientSampleId :

3-4-CLEAN-DENSEGRADE

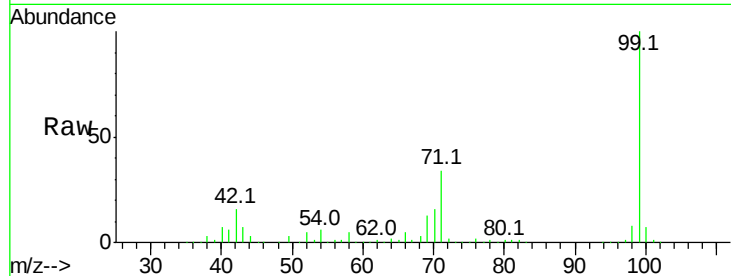
Tot Ion: 99 Resp: 1263805

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

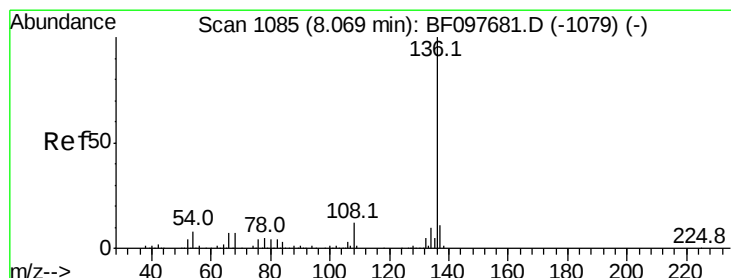
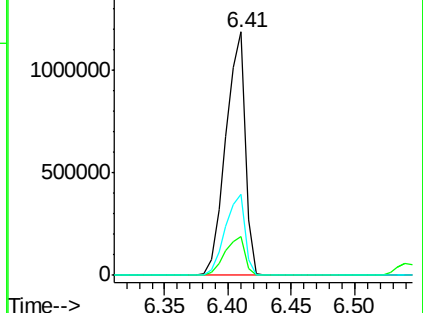
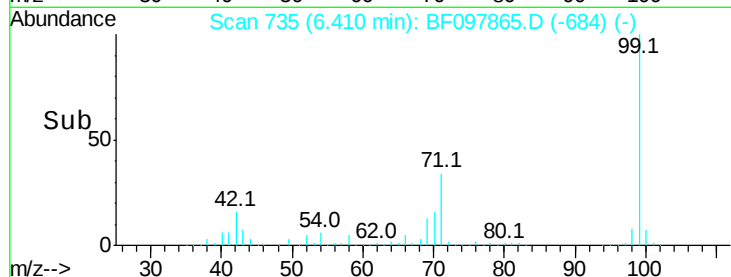
71 33.6 24.5 36.7



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: BF097865.D

Acq: 19 Aug 2017 6:59

Tgt Ion: 136 Resp: 456440

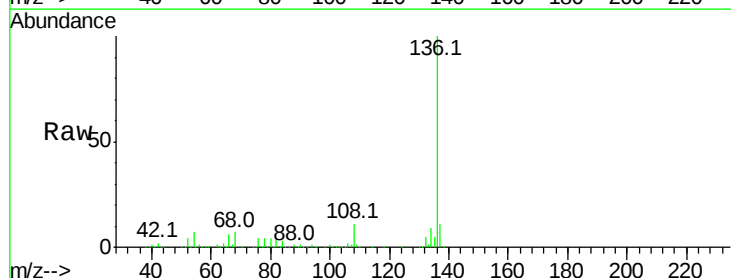
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 6.5 4.1 6.1#

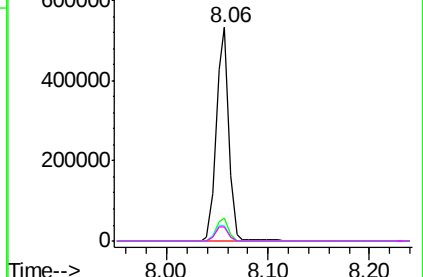
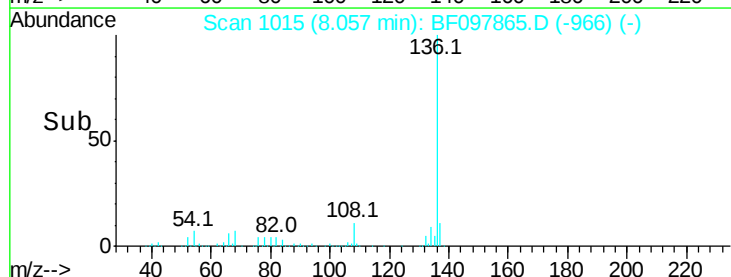


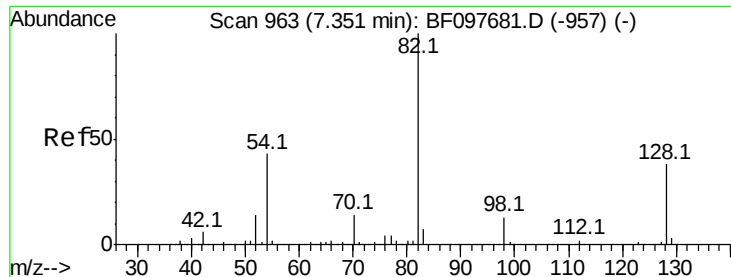
Abundance Ion 136.00 (135.70 to 136.70): E

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

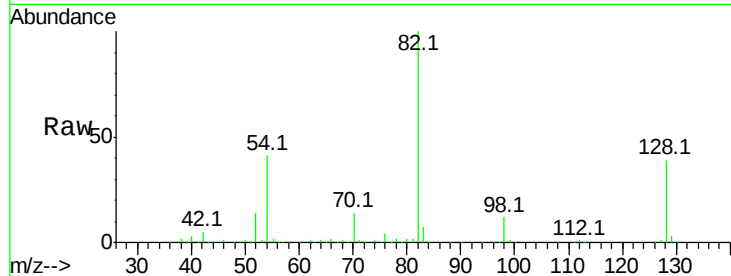




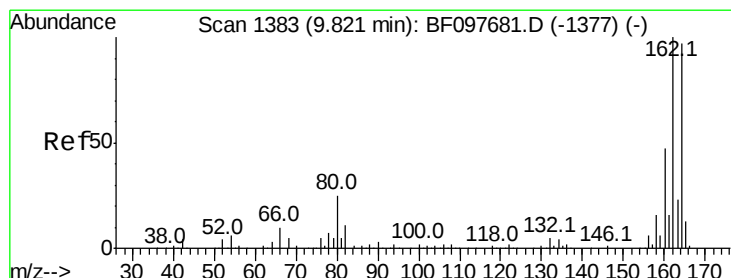
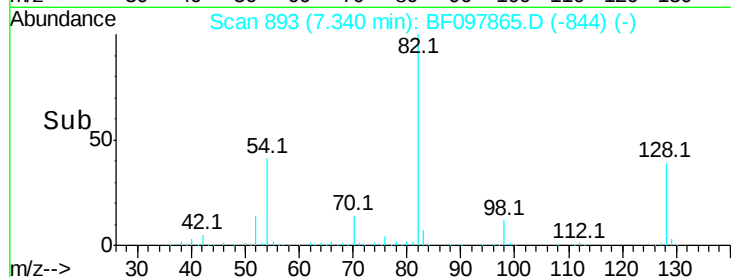
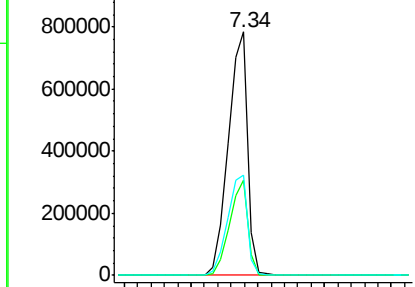
#23
Nitrobenzene-d5
Concen: 95.156 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097865.D
Acq: 19 Aug 2017 6:59

Instrument :
BNA_F
ClientSampleId :
3-4-CLEAN-DENSEGRADE

Tot Ion: 82 Resp: 799506
Ion Ratio Lower Upper
82 100
128 39.0 34.0 51.0
54 41.0 42.2 63.2#

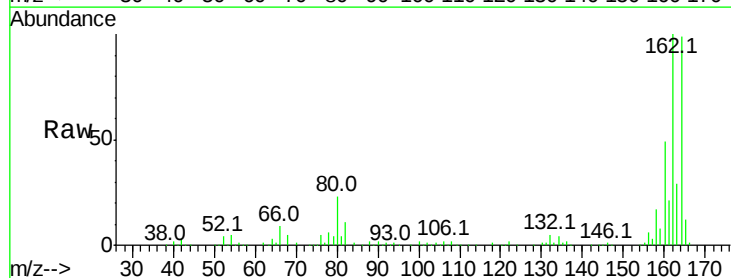


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

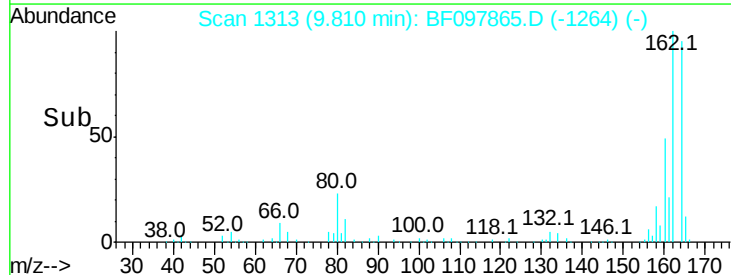
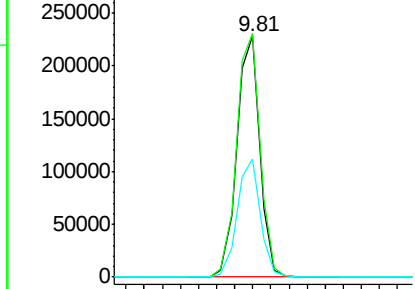


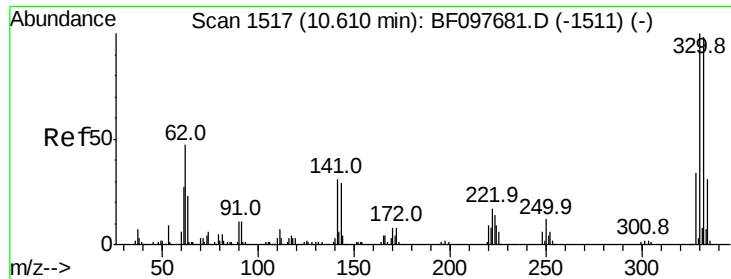
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097865.D
Acq: 19 Aug 2017 6:59

Tgt Ion:164 Resp: 199863
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 49.2 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

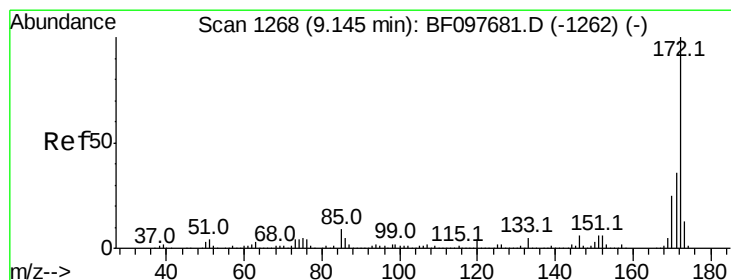
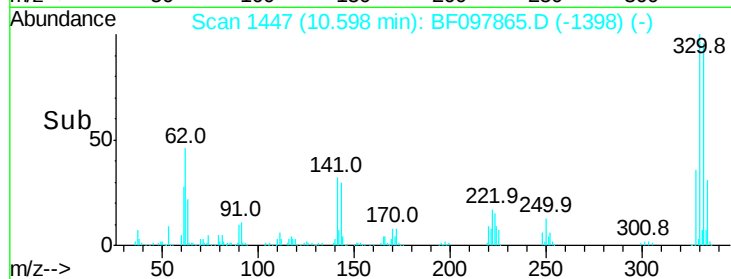
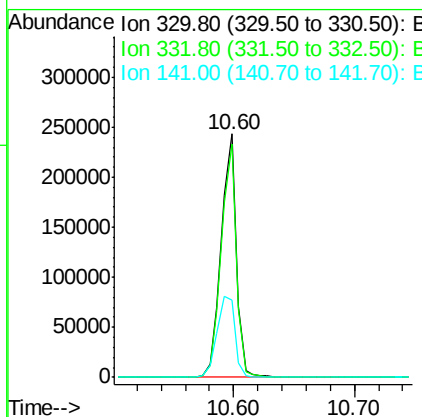
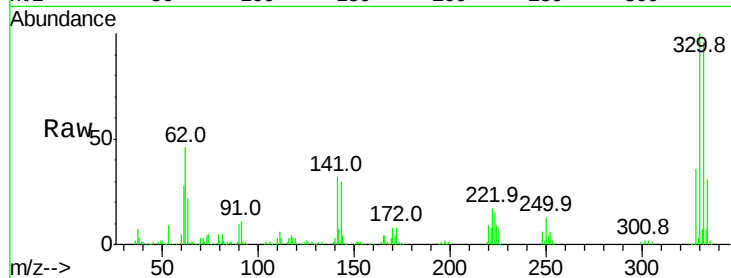




#41
 2,4,6-Tribromophenol
 Concen: 121.176 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097865.D
 Acq: 19 Aug 2017 6:59

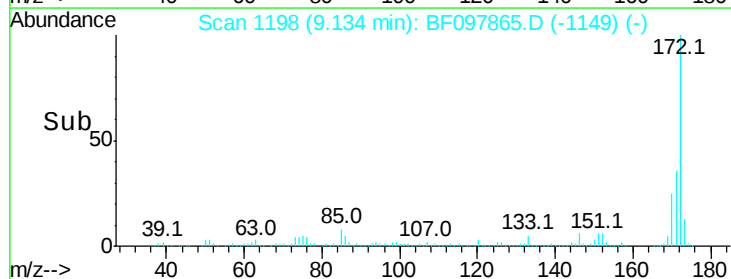
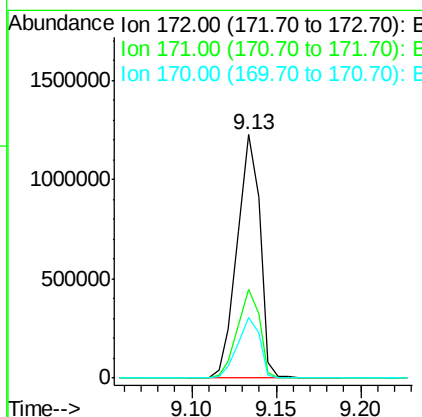
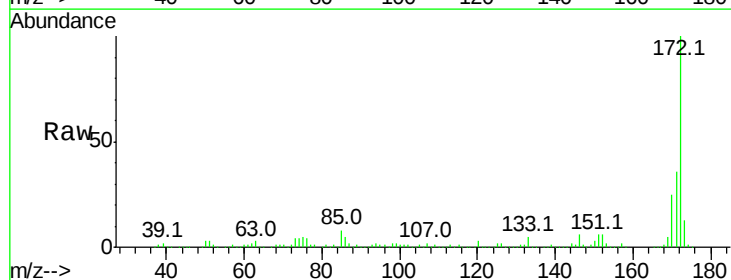
Instrument :
 BNA_F
 ClientSampleId :
 3-4-CLEAN-DENSEGRADE

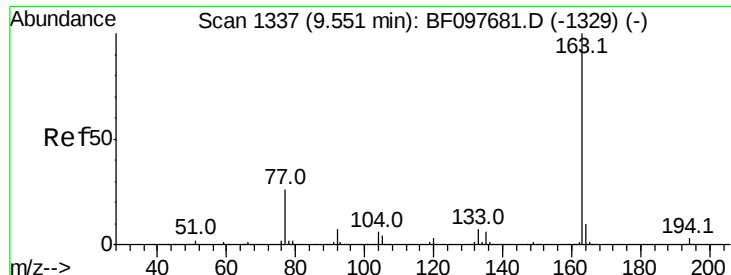
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 84.737 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097865.D
 Acq: 19 Aug 2017 6:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.8	19.8	29.8

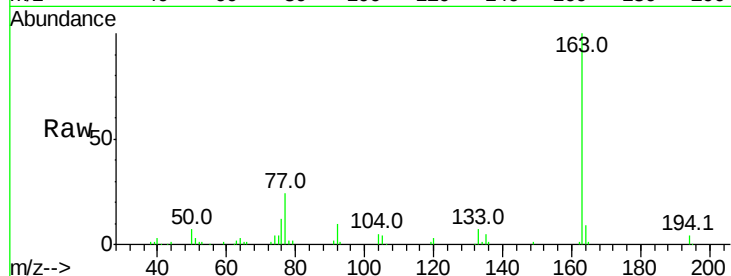




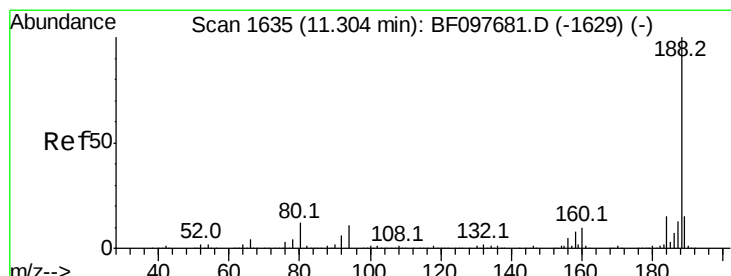
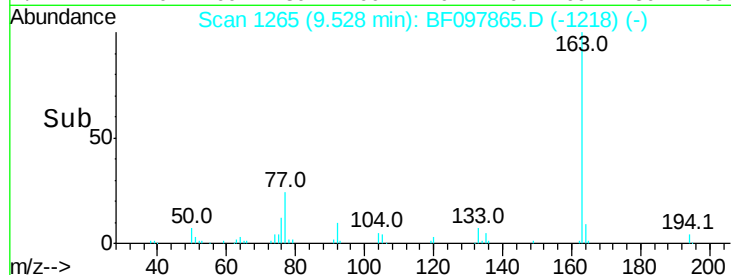
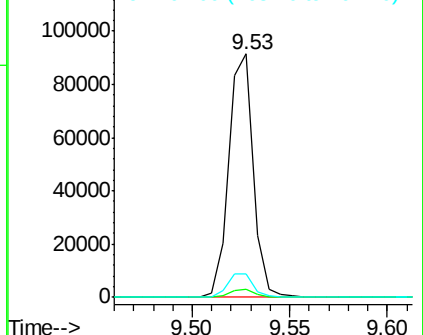
#49
Dimethylphthalate
Concen: 5.453 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097865.D
Acq: 19 Aug 2017 6:59

Instrument :
BNA_F
ClientSampleId :
3-4-CLEAN-DENSEGRADE

Tot Ion:163 Resp: 79659
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.4 8.4 12.6

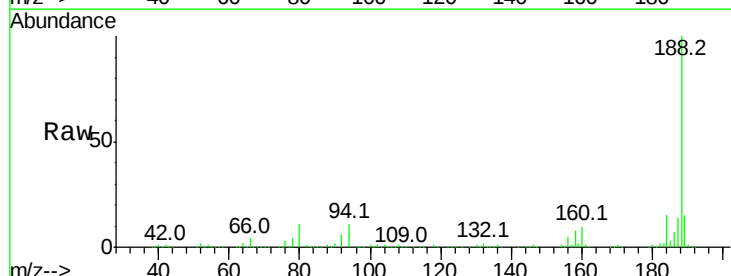


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

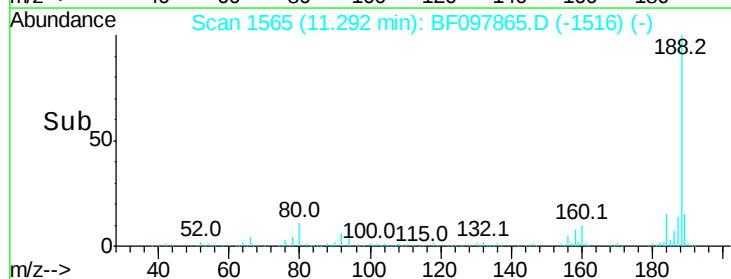
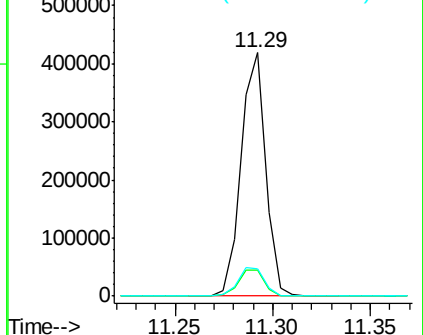


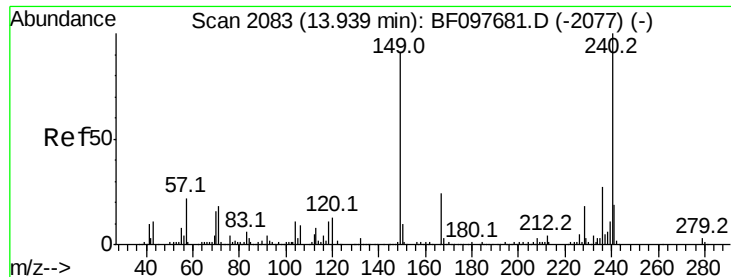
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097865.D
Acq: 19 Aug 2017 6:59

Tgt Ion:188 Resp: 365791
Ion Ratio Lower Upper
188 100
94 10.7 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: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097865.D

Acq: 19 Aug 2017 6:59

Instrument :

BNA_F

ClientSampleId :

3-4-CLEAN-DENSEGRADE

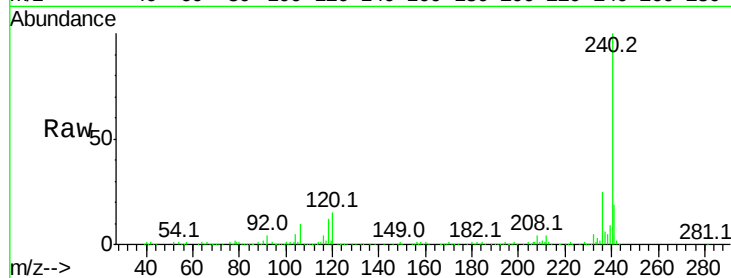
Tot Ion:240 Resp: 313722

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

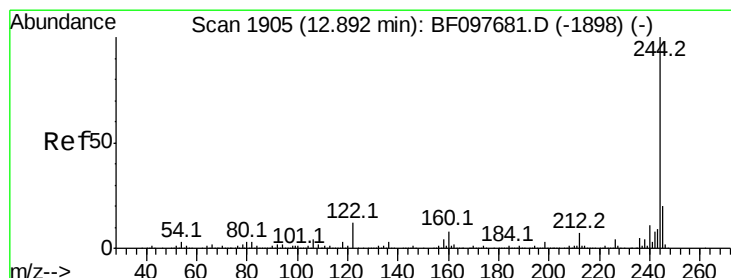
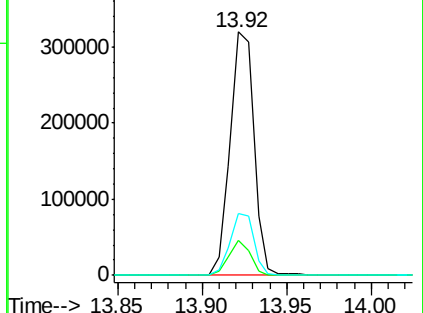
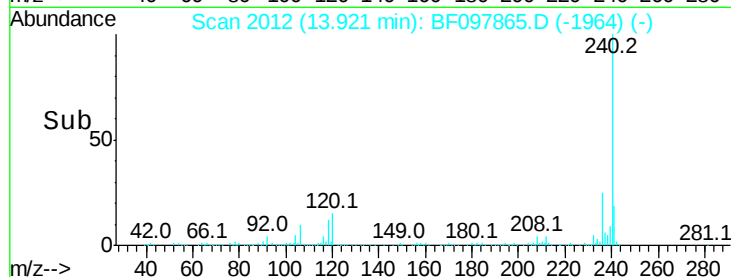
236 25.4 20.5 30.7



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: 63.675 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097865.D

Acq: 19 Aug 2017 6:59

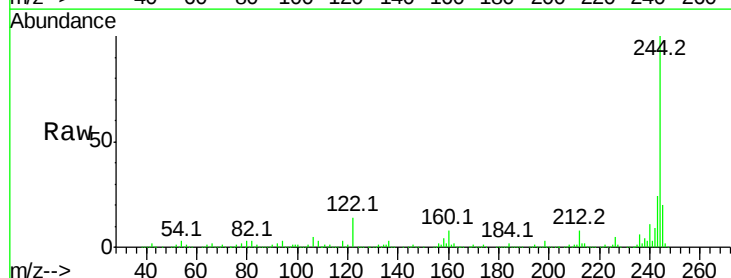
Tgt Ion:244 Resp: 957932

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

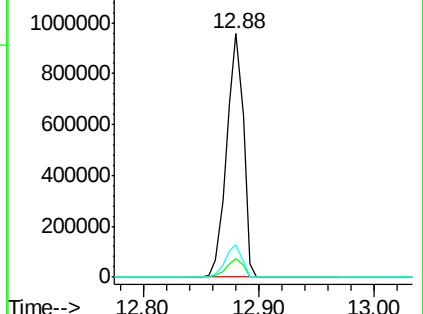
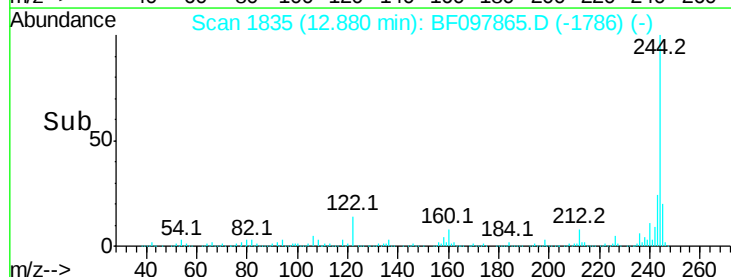
122 13.5 10.3 15.5

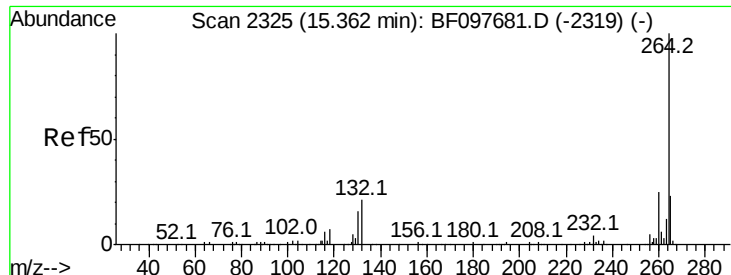


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

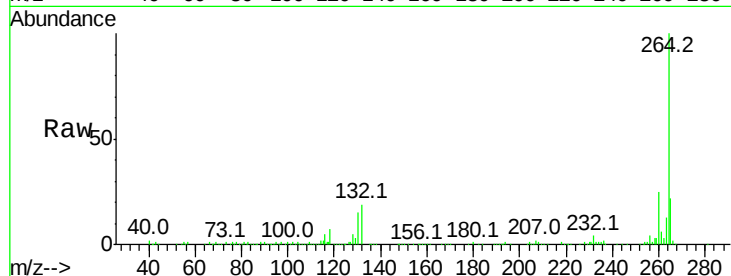




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097865.D
Acq: 19 Aug 2017 6:59

Instrument :
BNA_F
ClientSampleId :
3-4-CLEAN-DENSEGRADE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.8	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

