

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097855.D
 Acq On : 19 Aug 2017 1:47
 Operator : SJ/JU
 Sample : I4761-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01RE

Quant Time: Aug 19 02:14:15 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

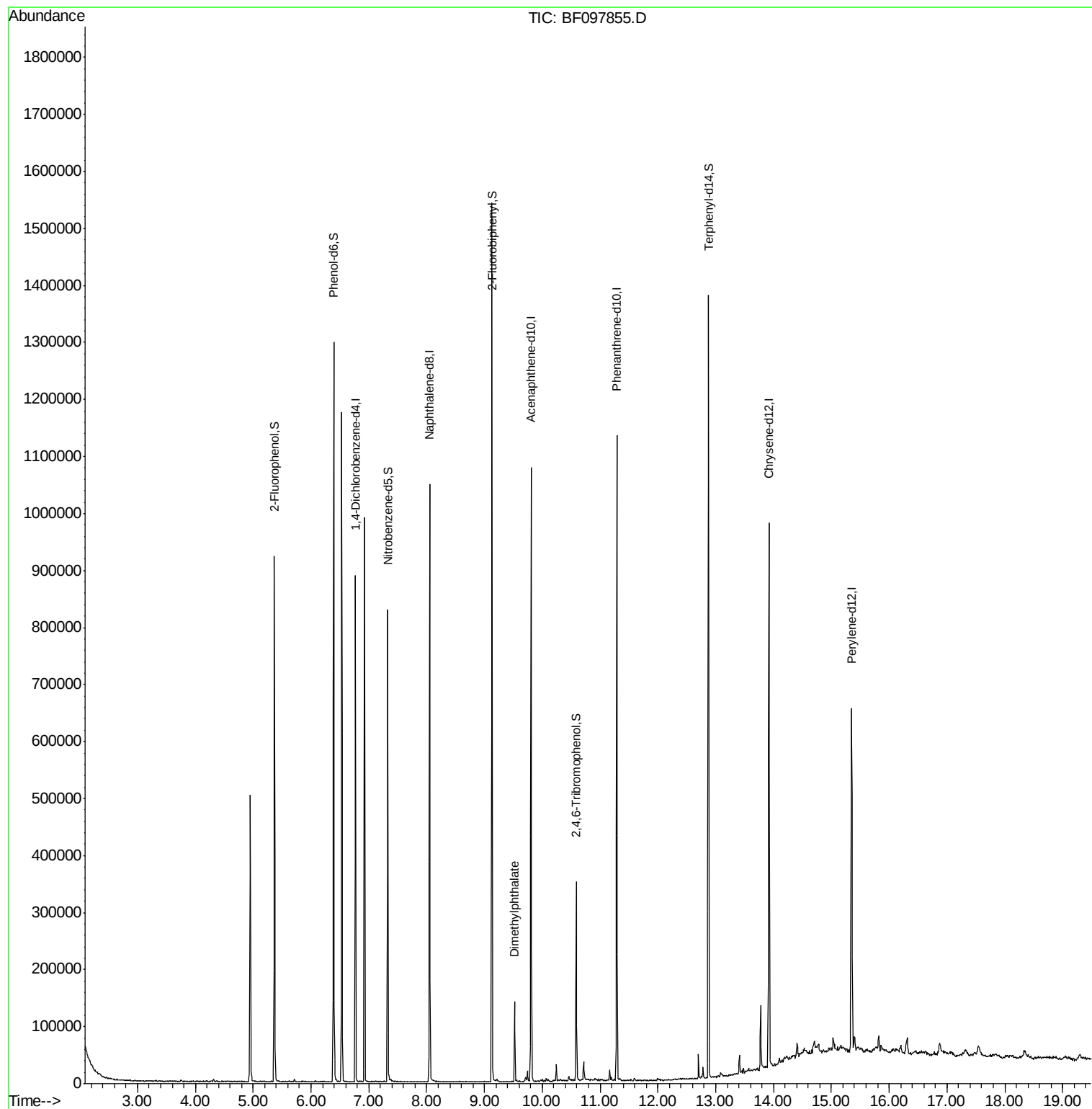
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	109964	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	442636	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	199066	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	389878	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	292483	20.00	ng	-0.02
86) Perylene-d12	15.35	264	256325	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	229382	31.73	ng	-0.02
7) Phenol-d6	6.39	99	385781	39.27	ng	-0.02
23) Nitrobenzene-d5	7.33	82	261885	32.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	32770	18.97	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	419475	30.96	ng	-0.02
78) Terphenyl-d14	12.87	244	378417	26.98	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	45003	3.093	ng	99

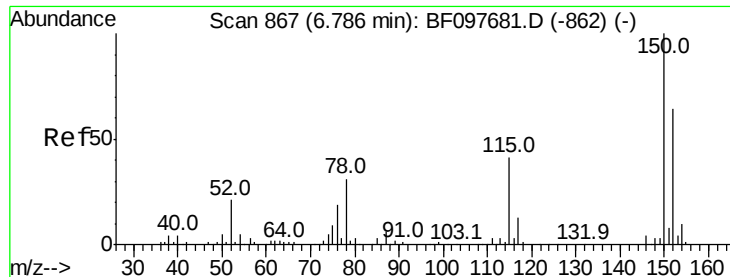
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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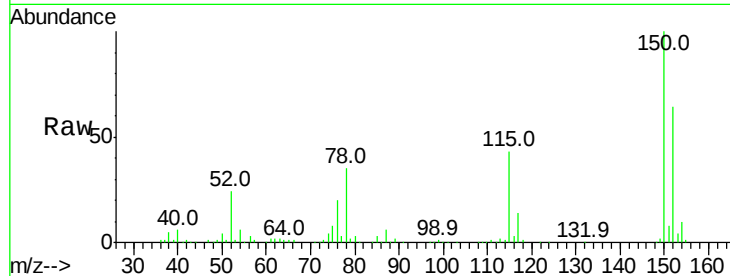


#1

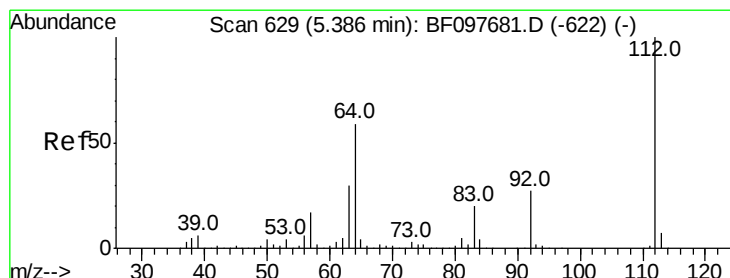
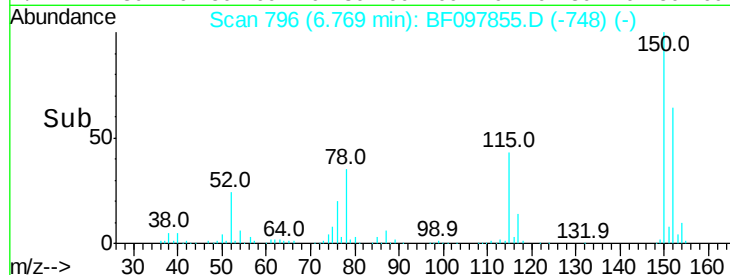
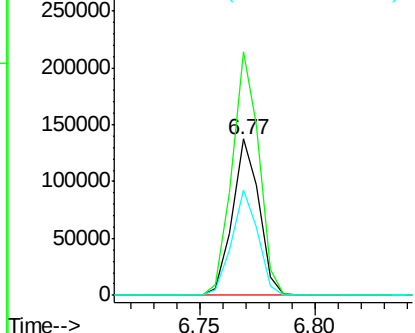
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF097855.D
 Acq: 19 Aug 2017 1:47

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01RE

Tot Ion:152 Resp: 109964
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.2
 115 67.6 52.2 78.2



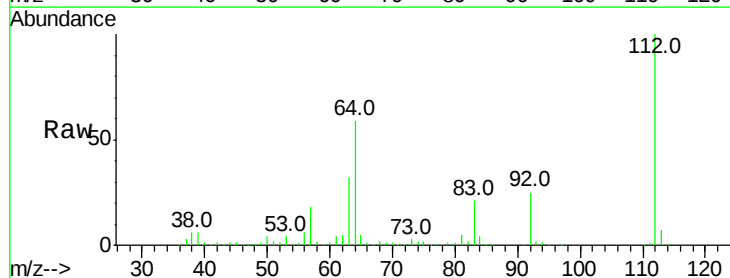
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



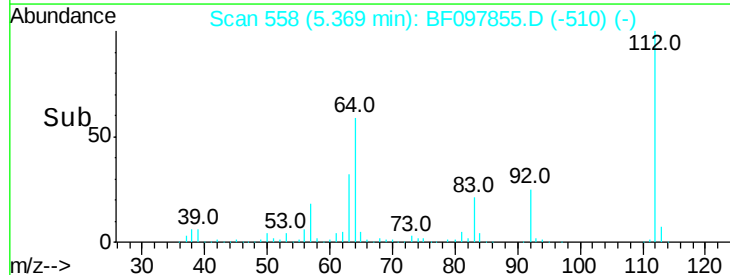
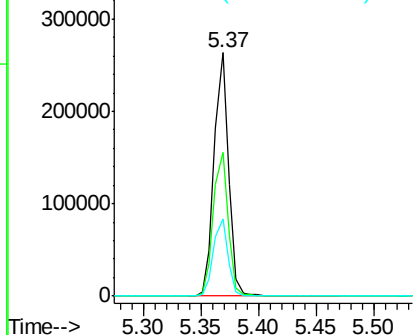
#5

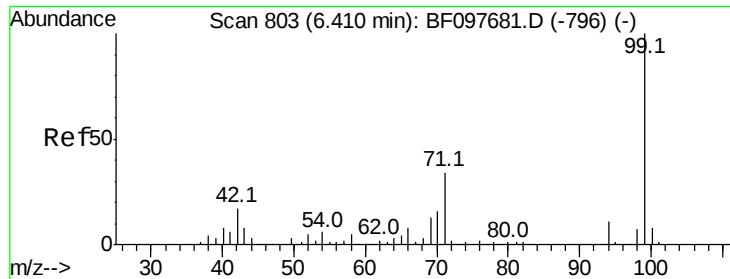
2-Fluorophenol
 Concen: 31.729 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF097855.D
 Acq: 19 Aug 2017 1:47

Tgt Ion:112 Resp: 229382
 Ion Ratio Lower Upper
 112 100
 64 59.2 46.0 69.0
 63 31.7 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: 39.275 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF097855.D

Acq: 19 Aug 2017 1:47

Instrument :

BNA_F

ClientSampleId :

RUSB-01RE

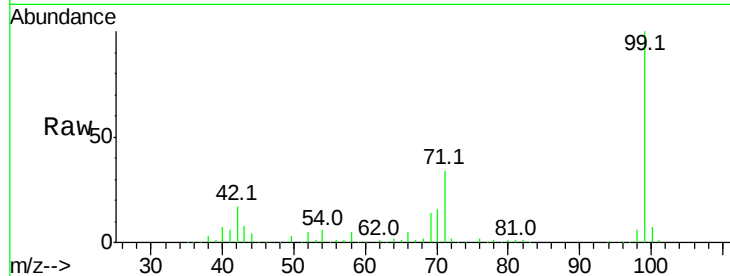
Tot Ion: 99 Resp: 385781

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

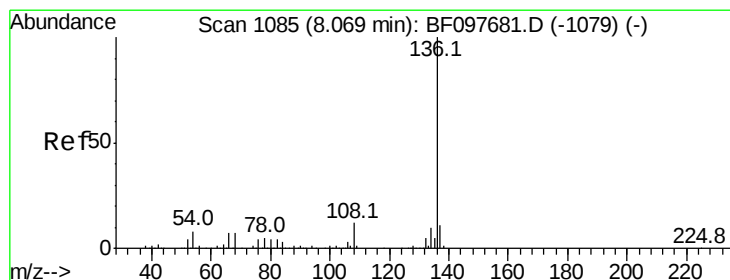
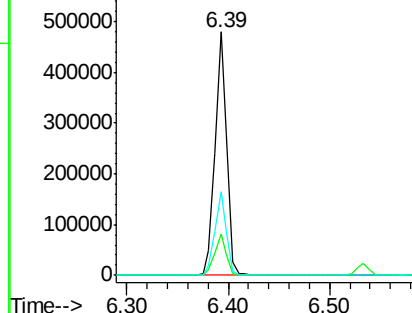
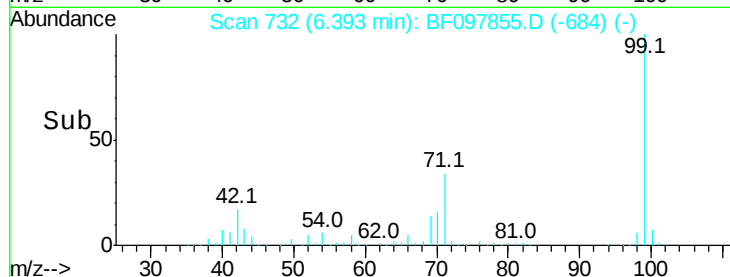
71 34.4 24.5 36.7



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: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097855.D

Acq: 19 Aug 2017 1:47

Tgt Ion: 136 Resp: 442636

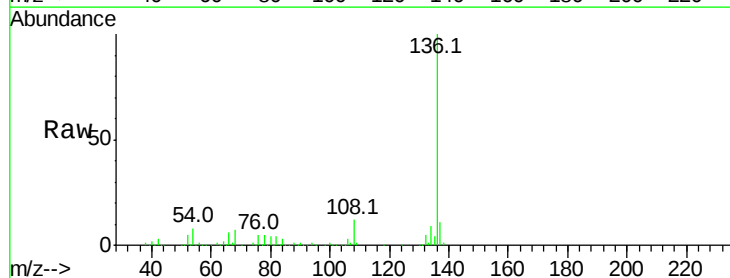
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.5 4.9 7.3#

68 7.4 4.1 6.1#

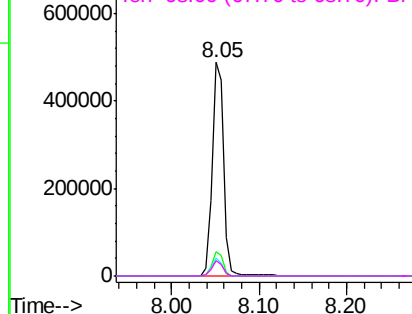
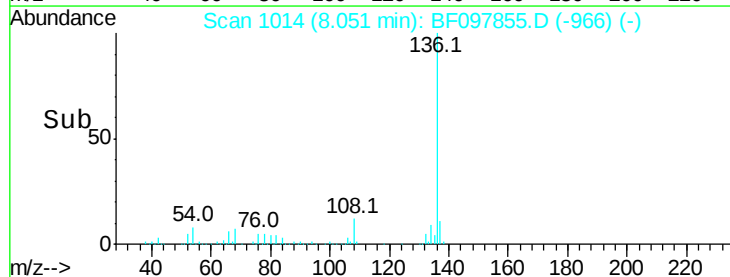


Abundance Ion 136.00 (135.70 to 136.70): E

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

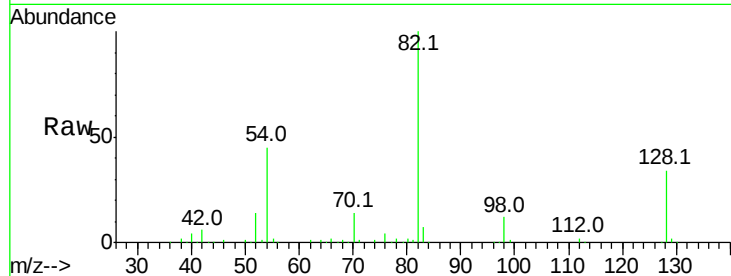




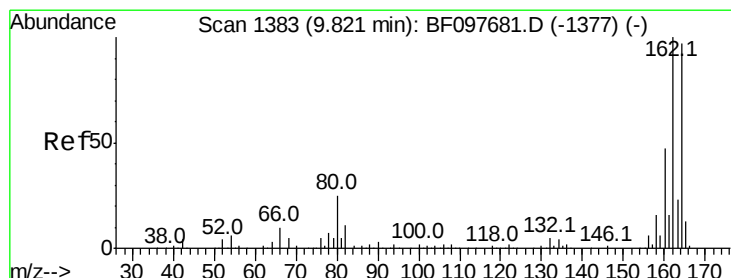
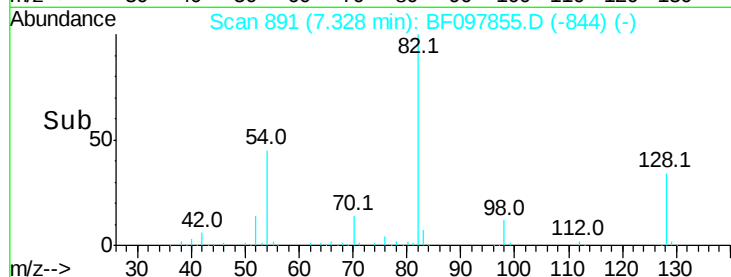
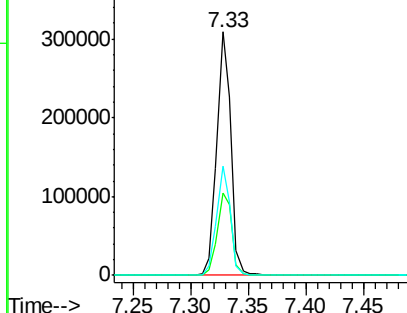
#23
 Nitrobenzene-d5
 Concen: 32.141 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF097855.D
 Acq: 19 Aug 2017 1:47

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01RE

Tot Ion	82	Resp	261885
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	45.0	42.2	63.2

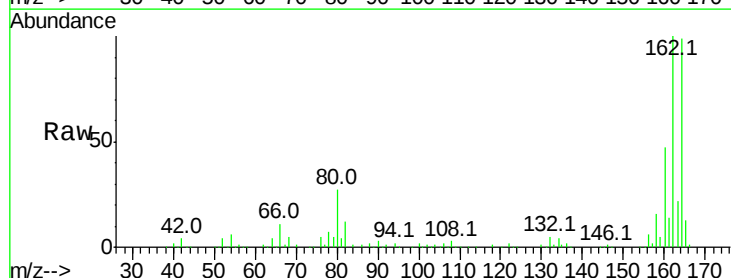


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

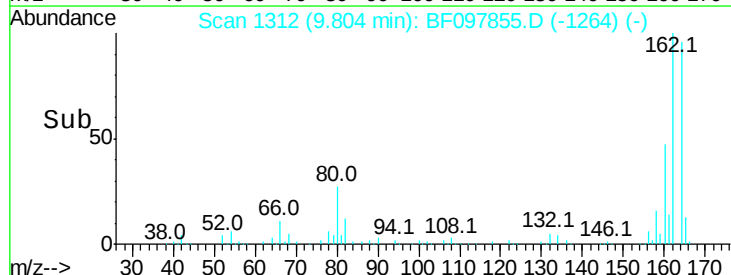
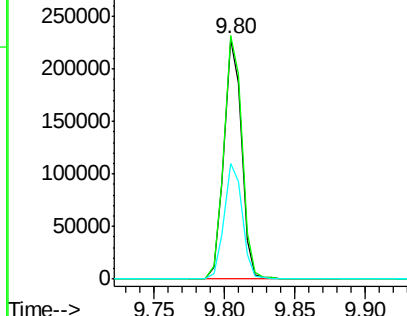


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF097855.D
 Acq: 19 Aug 2017 1:47

Tgt Ion	164	Resp	199066
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	101.5	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

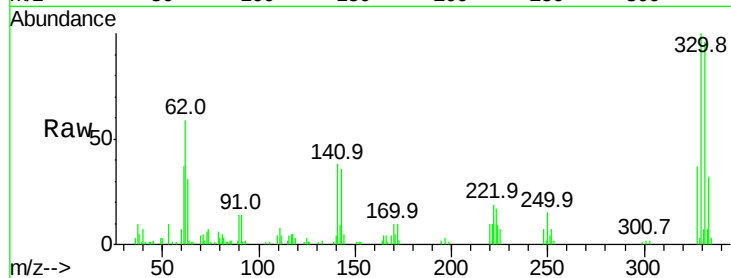




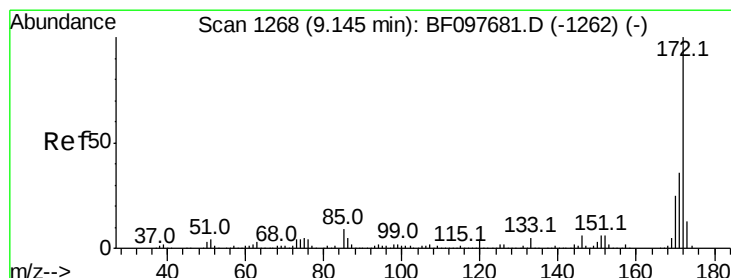
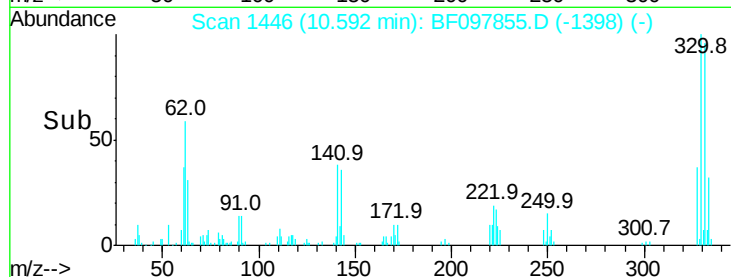
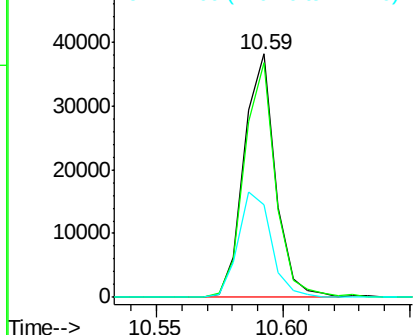
#41
 2,4,6-Tribromophenol
 Concen: 18.973 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097855.D
 Acq: 19 Aug 2017 1:47

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01RE

Tot Ion:330 Resp: 32770
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 45.7 31.4 47.2

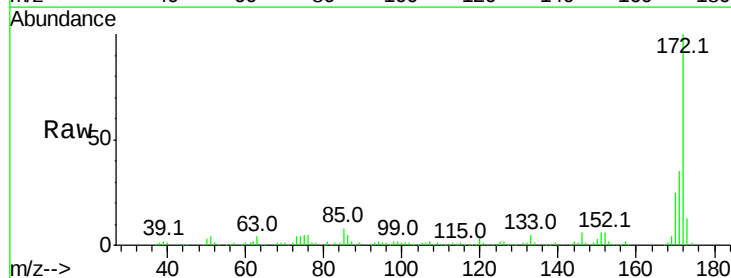


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

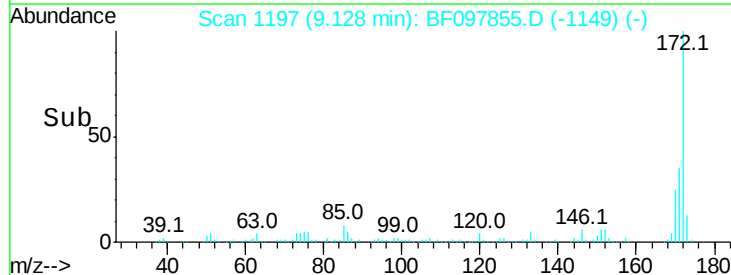
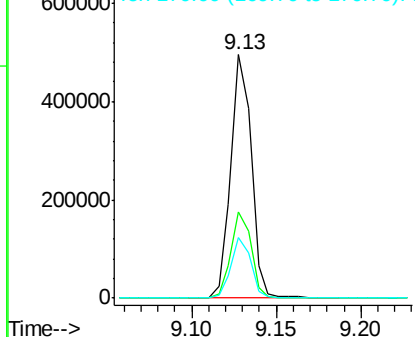


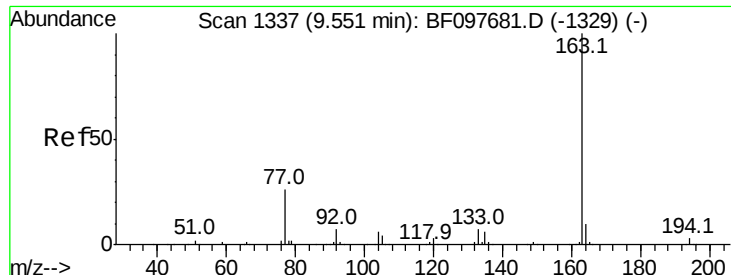
#44
 2-Fluorobiphenyl
 Concen: 30.959 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097855.D
 Acq: 19 Aug 2017 1:47

Tgt Ion:172 Resp: 419475
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 24.7 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

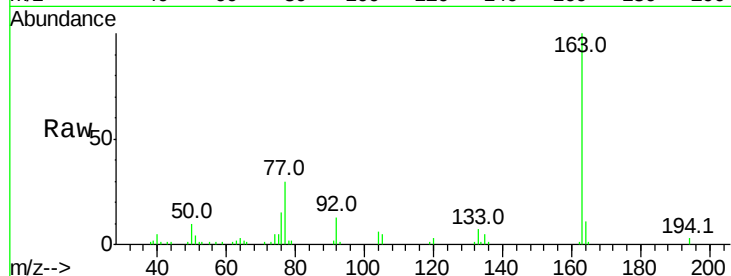




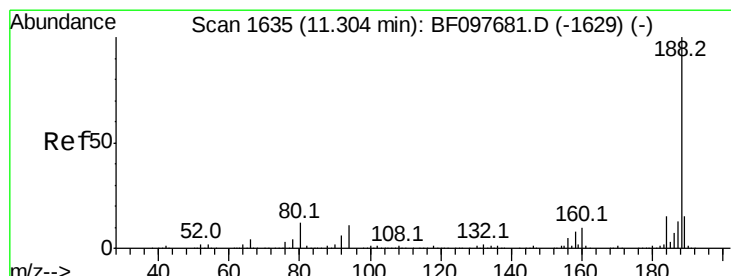
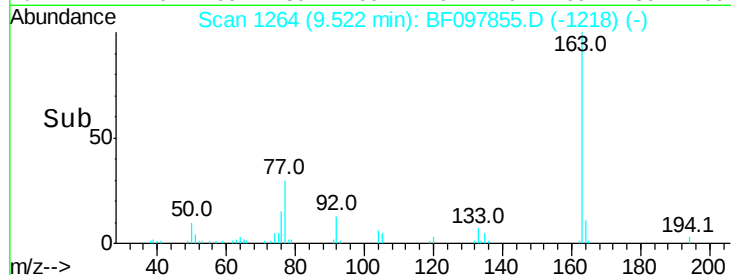
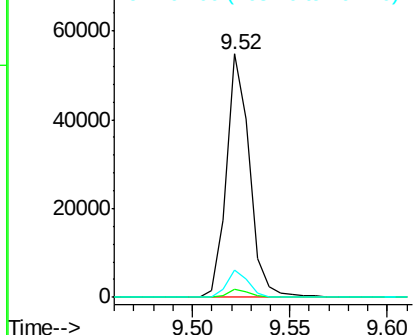
#49
Dimethylphthalate
Concen: 3.093 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF097855.D
Acq: 19 Aug 2017 1:47

Instrument :
BNA_F
ClientSampleId :
RUSB-01RE

Tot Ion:163 Resp: 45003
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 11.0 8.4 12.6

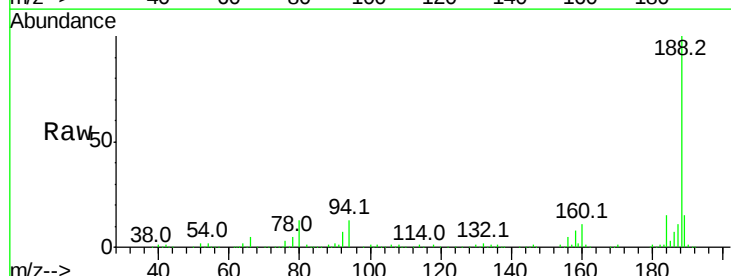


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

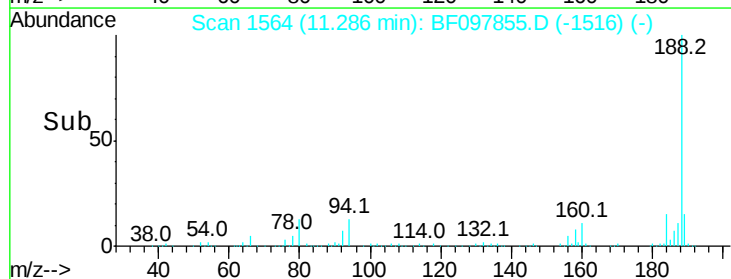
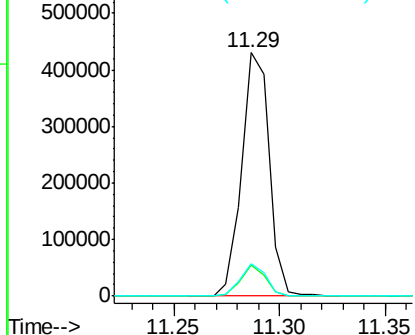


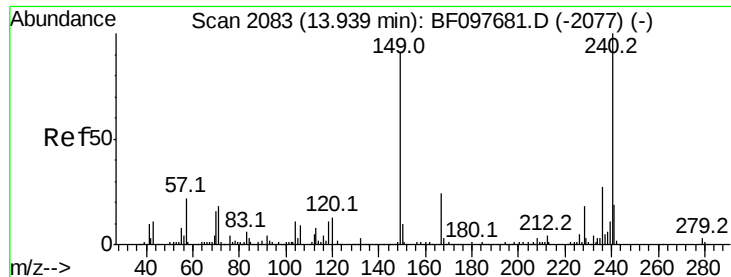
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097855.D
Acq: 19 Aug 2017 1:47

Tgt Ion:188 Resp: 389878
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 13.4 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: BF097855.D

Acq: 19 Aug 2017 1:47

Instrument :

BNA_F

ClientSampleId :

RUSB-01RE

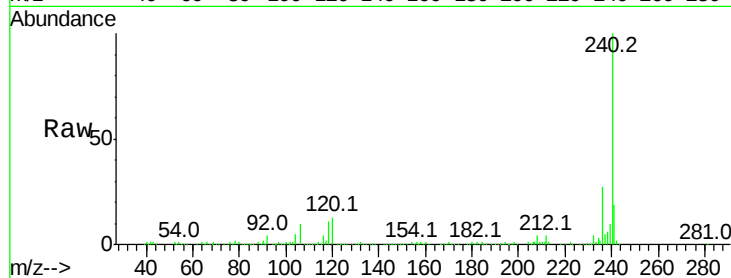
Tot Ion:240 Resp: 292483

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

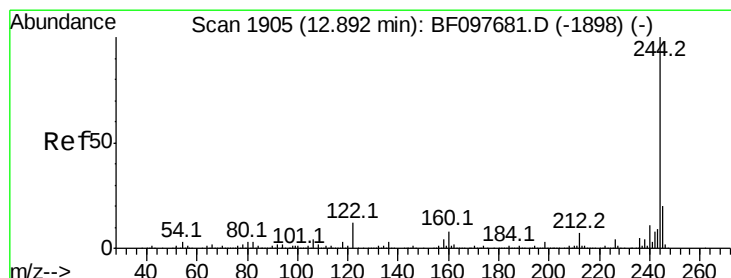
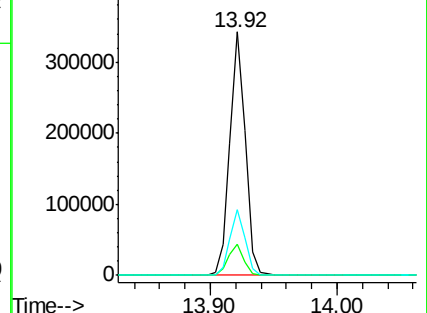
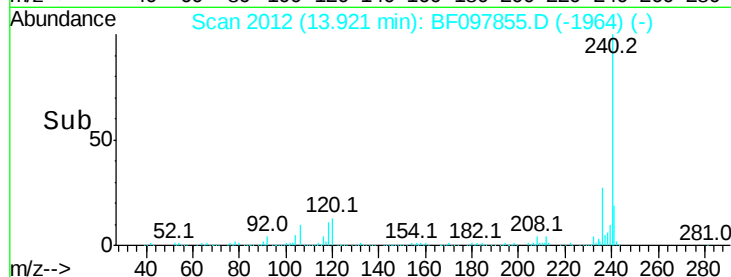
236 26.8 20.5 30.7



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: 26.980 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097855.D

Acq: 19 Aug 2017 1:47

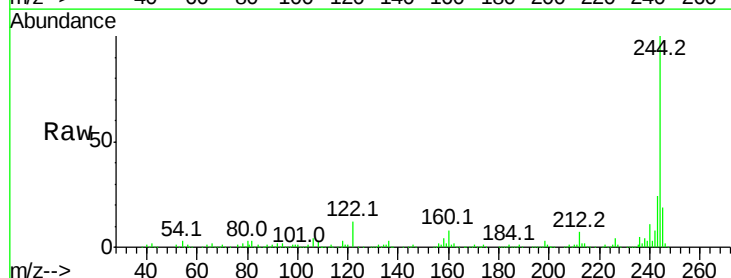
Tgt Ion:244 Resp: 378417

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

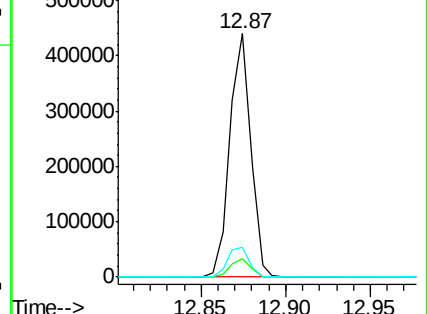
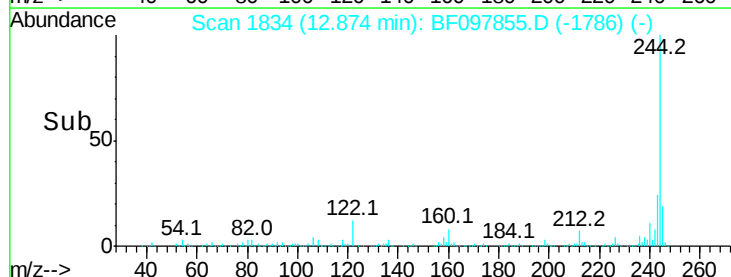
122 12.5 10.3 15.5

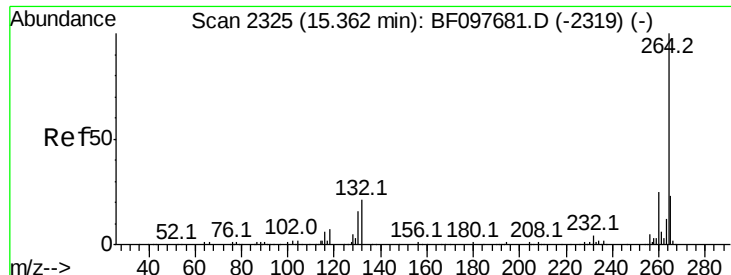


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

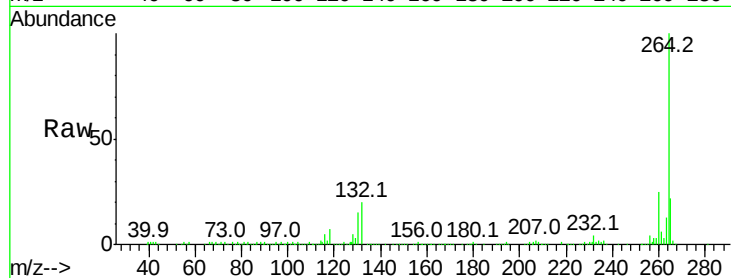




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BF097855.D
 Acq: 19 Aug 2017 1:47

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.6	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

