

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097044.D
 Acq On : 25 Jul 2017 22:16
 Operator : SJ/JU
 Sample : I4290-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Quant Time: Jul 26 02:16:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

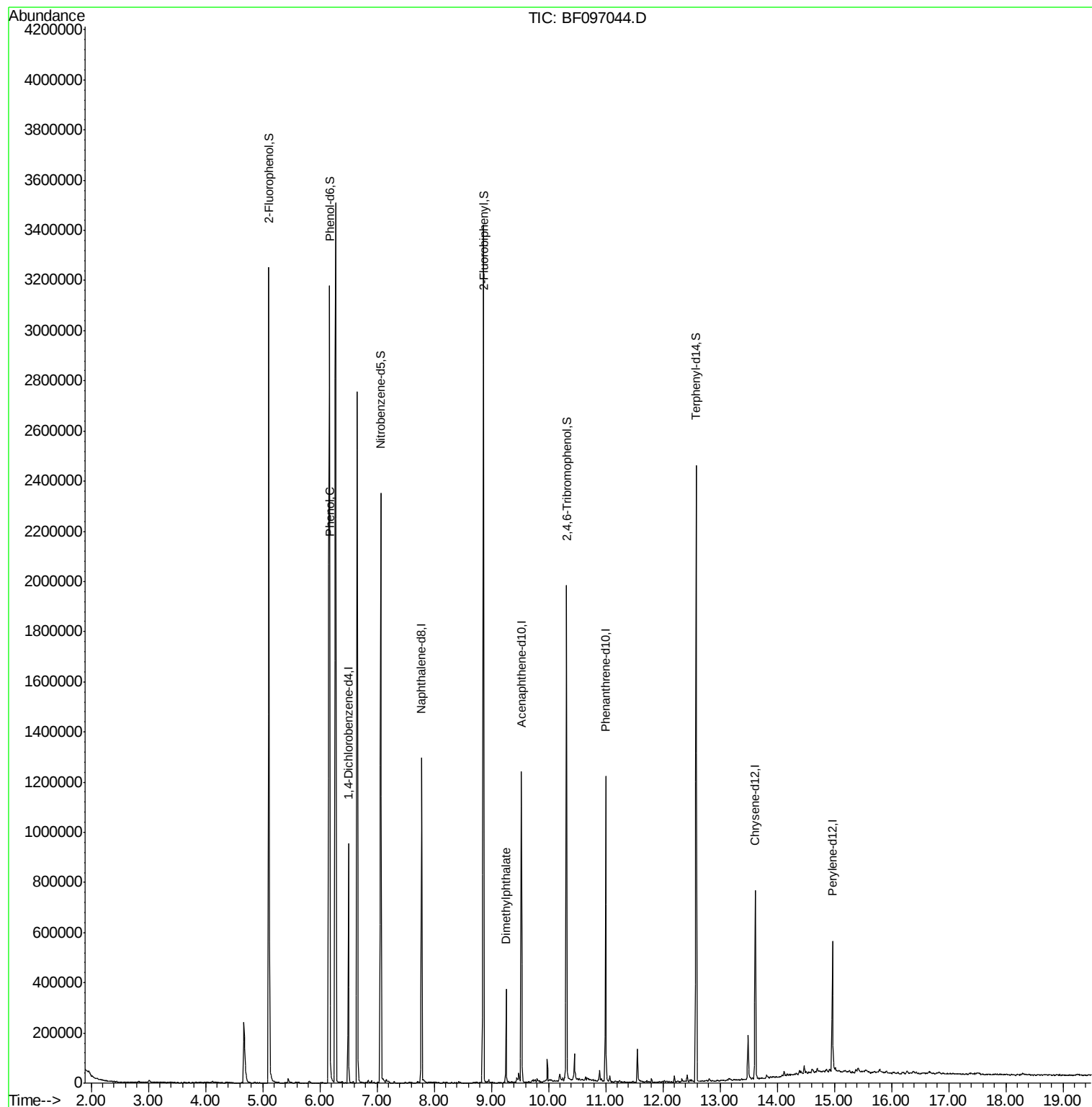
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	138293	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	591685	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	259028	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	411948	20.00	ng	0.00
75) Chrysene-d12	13.62	240	267344	20.00	ng	0.00
86) Perylene-d12	14.97	264	203157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	1123945	122.52	ng	0.01
7) Phenol-d6	6.17	99	1390522	132.77	ng	0.00
23) Nitrobenzene-d5	7.07	82	843516	83.63	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	249882	122.10	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1287276	84.34	ng	0.00
78) Terphenyl-d14	12.59	244	848879	64.74	ng	0.00
Target Compounds						
10) Phenol	6.18	94	57070	4.594	ng	90
49) Dimethylphthalate	9.26	163	134886	6.857	ng	99

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

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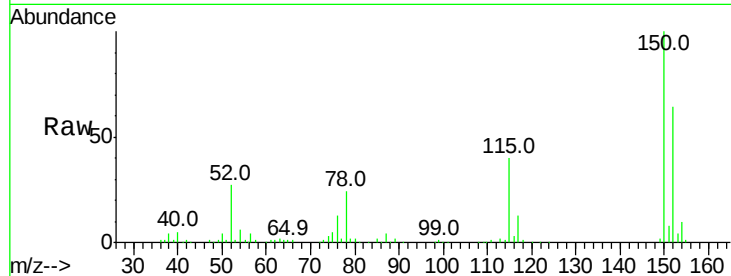


#1

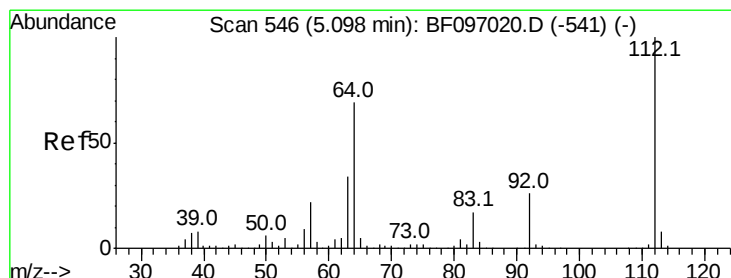
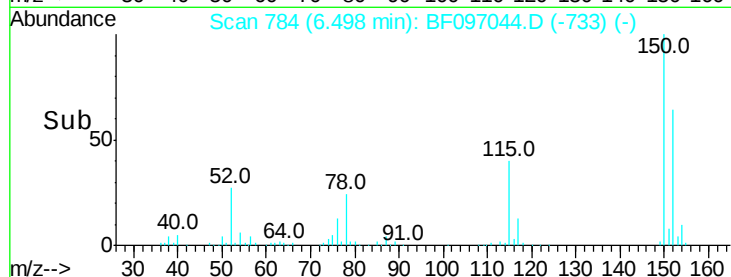
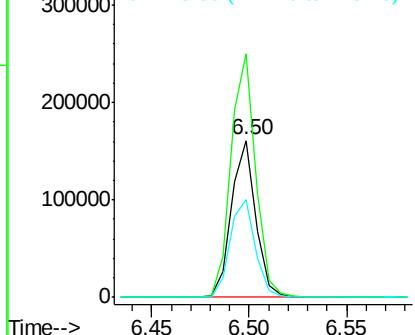
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.50 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF097044.D
 Acq: 25 Jul 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Tot Ion:152 Resp: 138293
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.2 189.2
 115 62.4 52.2 78.2



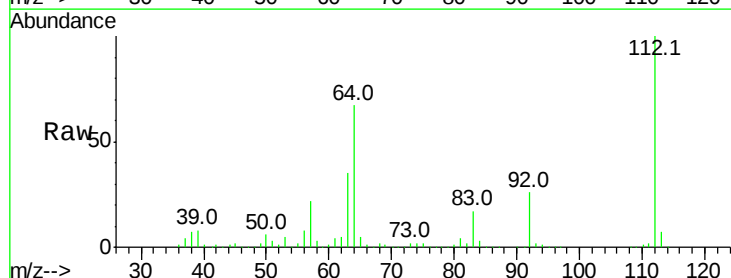
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



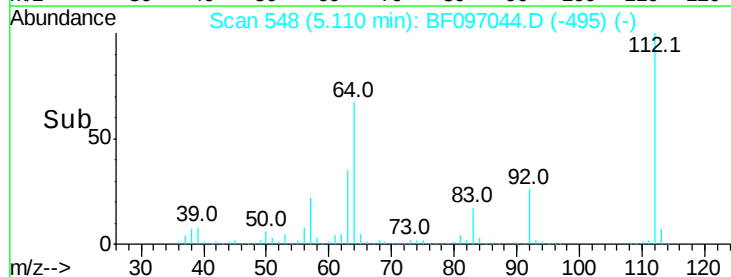
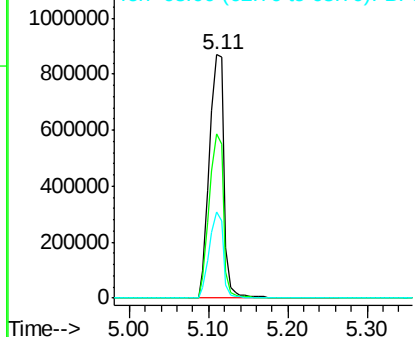
#5

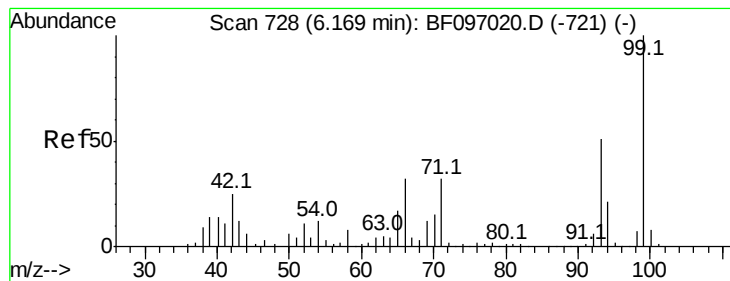
2-Fluorophenol
 Concen: 122.518 ng
 RT: 5.11 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF097044.D
 Acq: 25 Jul 2017 22:16

Tgt Ion:112 Resp: 1123945
 Ion Ratio Lower Upper
 112 100
 64 67.4 46.0 69.0
 63 35.3 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: 132.773 ng

RT: 6.17 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Instrument :

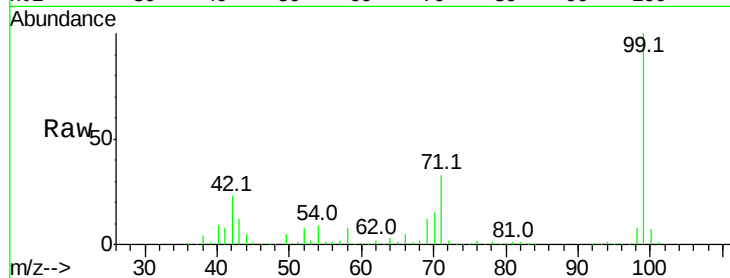
BNA_F

ClientSampleId :

S-3

Tot Ion: 99 Resp: 1390522

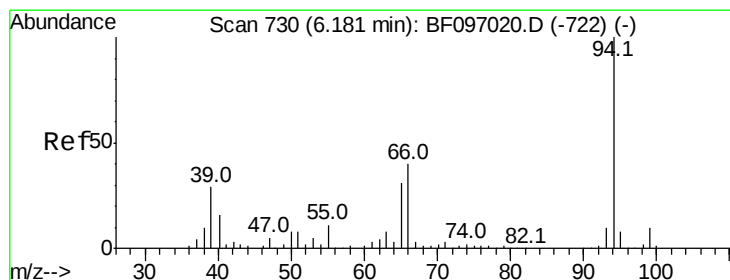
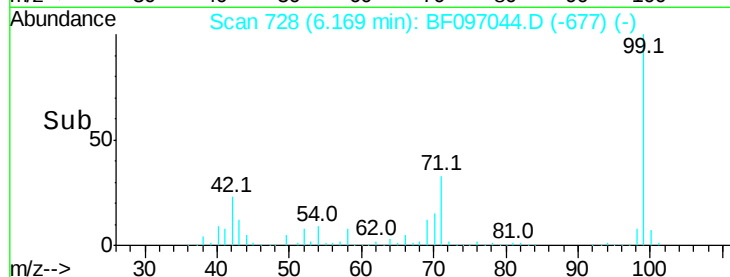
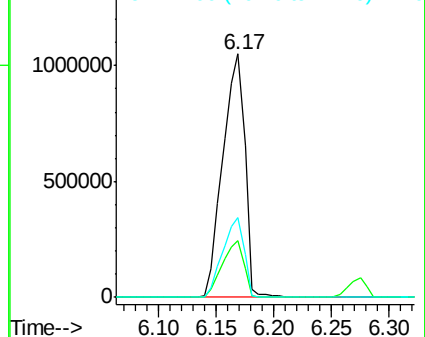
Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	33.0	24.5	36.7



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



#10

Phenol

Concen: 4.594 ng

RT: 6.18 min Scan# 730

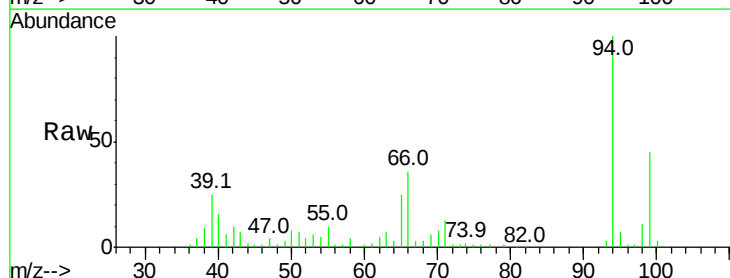
Delta R.T. 0.00 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Tgt Ion: 94 Resp: 57070

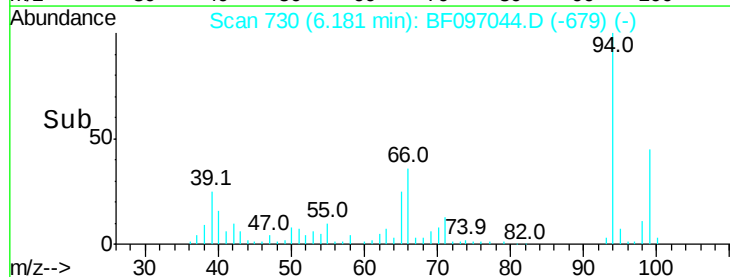
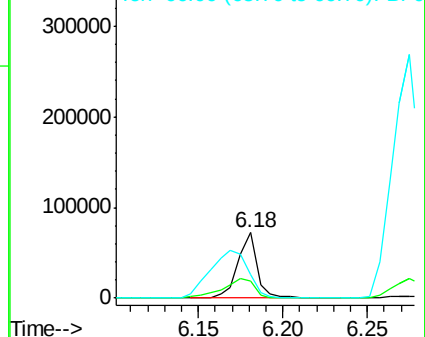
Ion	Ratio	Lower	Upper
94	100		
65	25.1	9.9	49.9
66	36.0	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Instrument :

BNA_F

ClientSampled :

S-3

Tot Ion:136 Resp: 591685

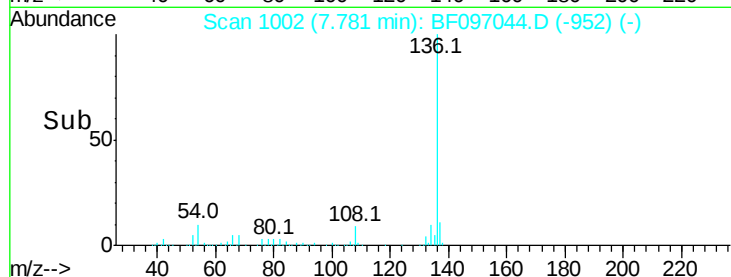
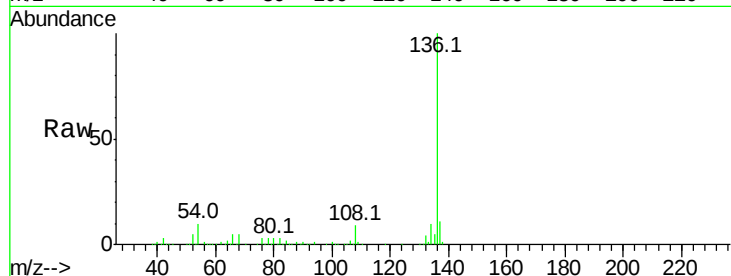
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.0 4.9 7.3#

68 5.0 4.1 6.1

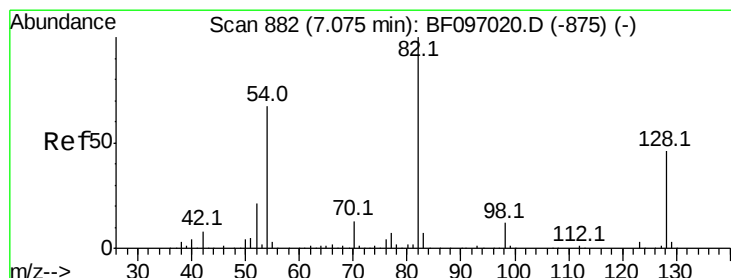
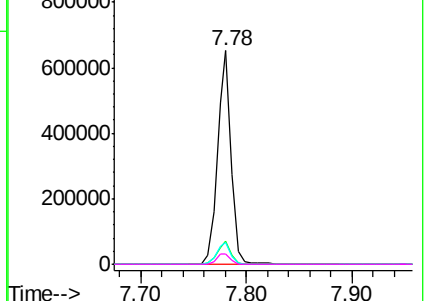


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.632 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

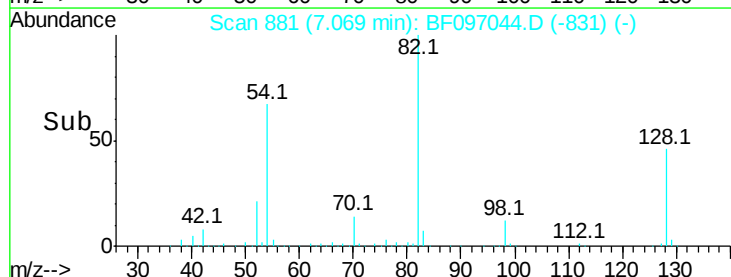
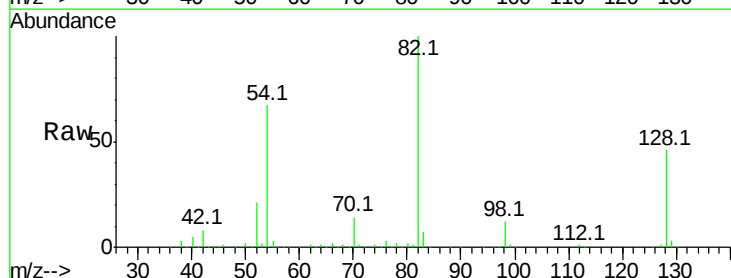
Tgt Ion: 82 Resp: 843516

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

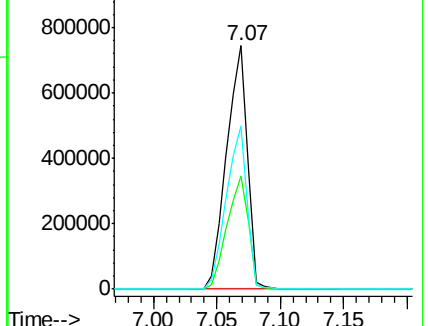
54 66.9 42.2 63.2#



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

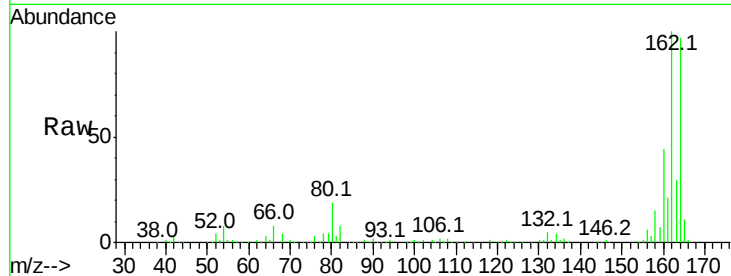




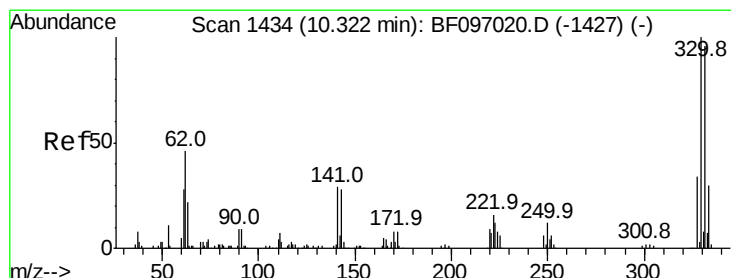
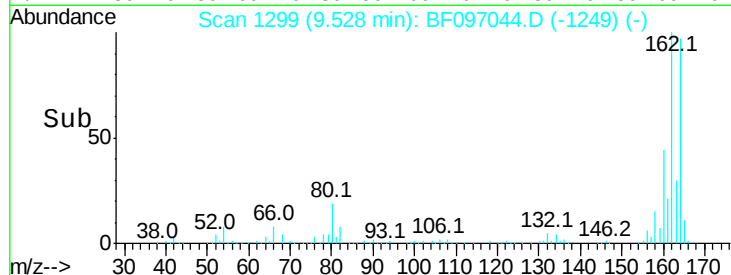
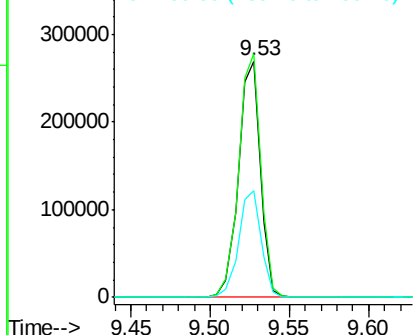
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097044.D
 Acq: 25 Jul 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Tot Ion:164 Resp: 259028
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 45.2 36.2 54.2

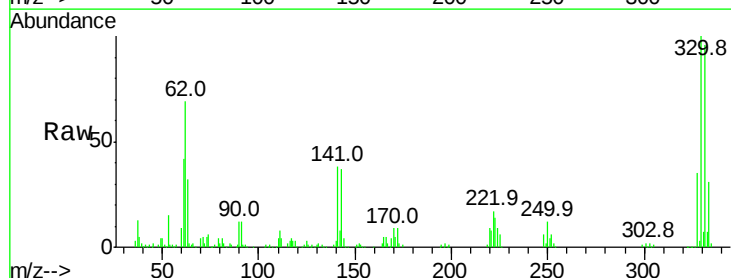


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

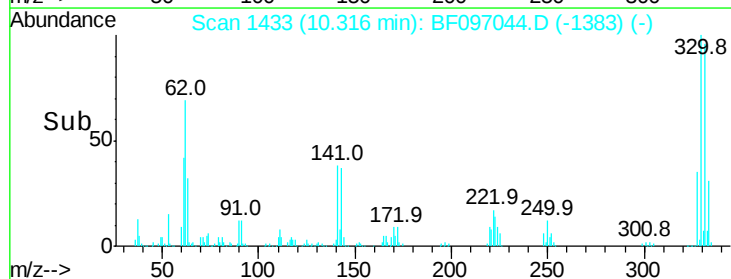
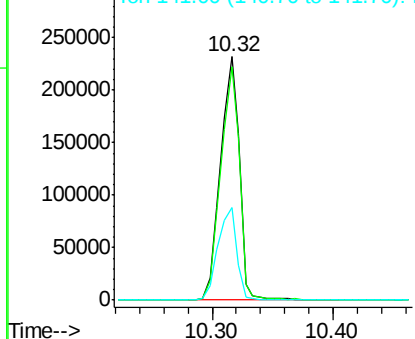


#41
 2,4,6-Tribromophenol
 Concen: 122.098 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097044.D
 Acq: 25 Jul 2017 22:16

Tgt Ion:330 Resp: 249882
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.3 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

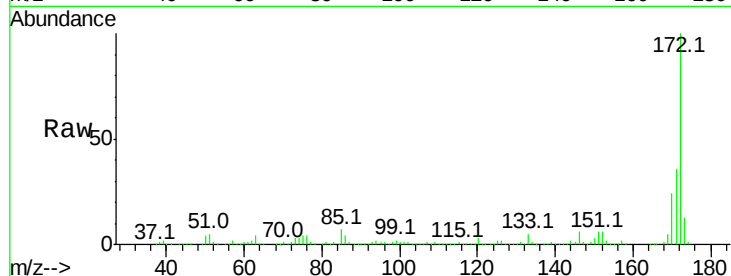




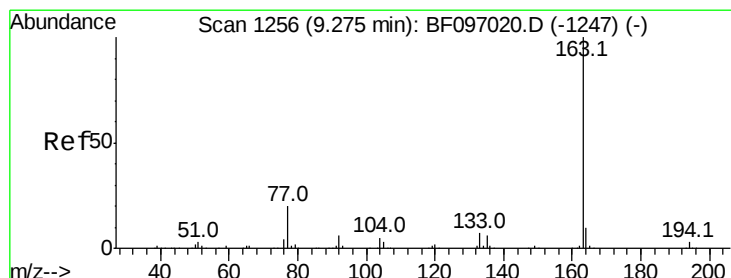
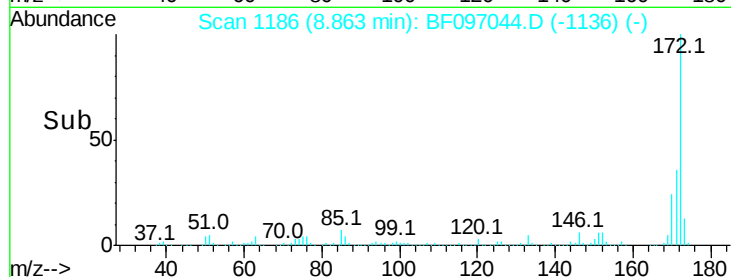
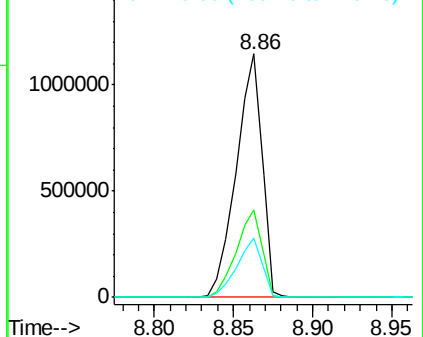
#44
2-Fluorobiphenyl
Concen: 84.340 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097044.D
Acq: 25 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :
S-3

Tot Ion:172 Resp: 1287276
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.4 19.8 29.8

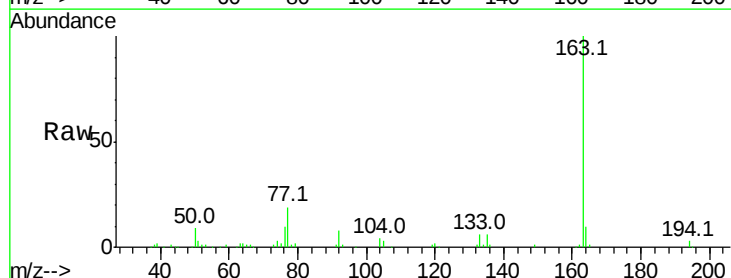


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

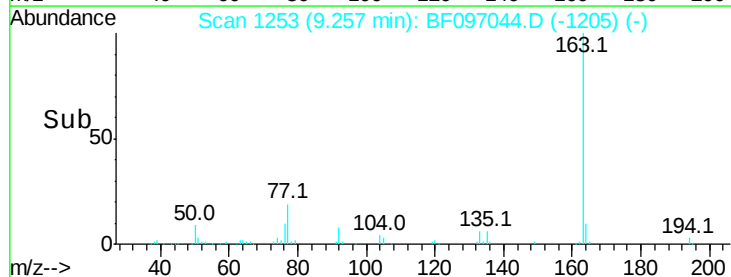
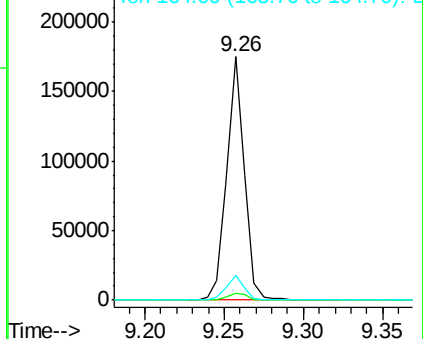


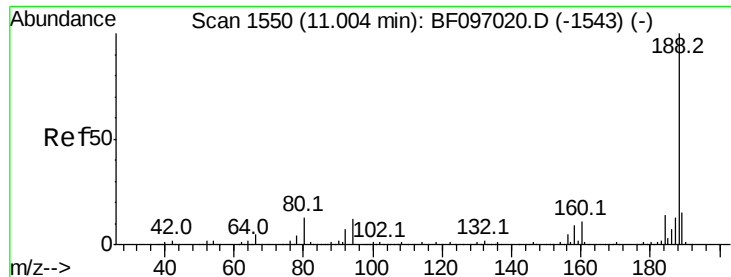
#49
Dimethylphthalate
Concen: 6.857 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097044.D
Acq: 25 Jul 2017 22:16

Tgt Ion:163 Resp: 134886
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 10.0 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

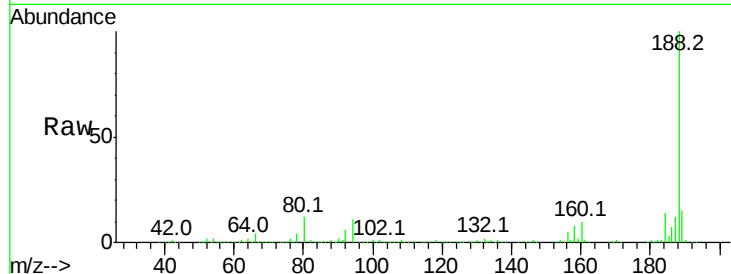




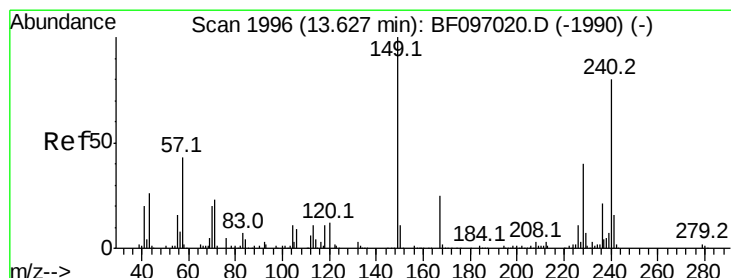
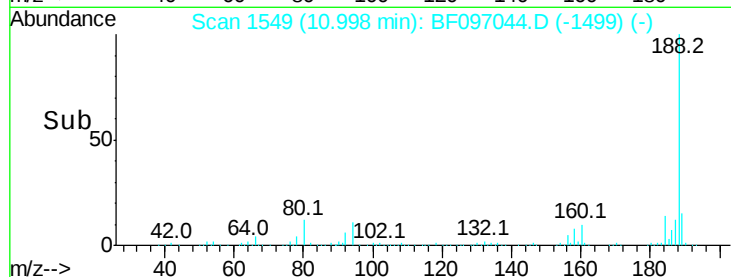
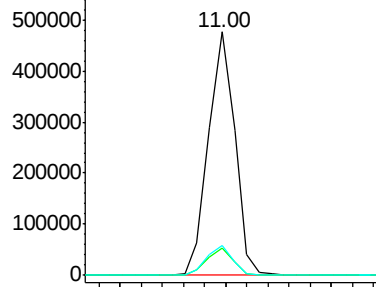
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097044.D
Acq: 25 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:188 Resp: 411948
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.0 10.2 15.2

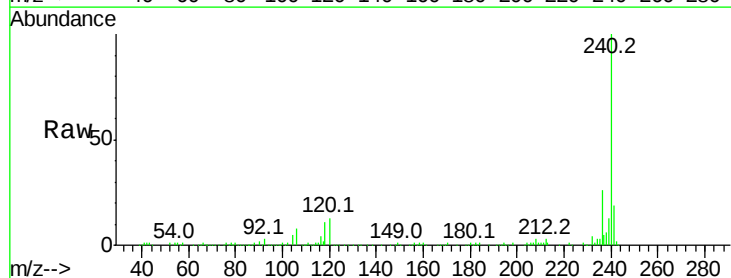


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

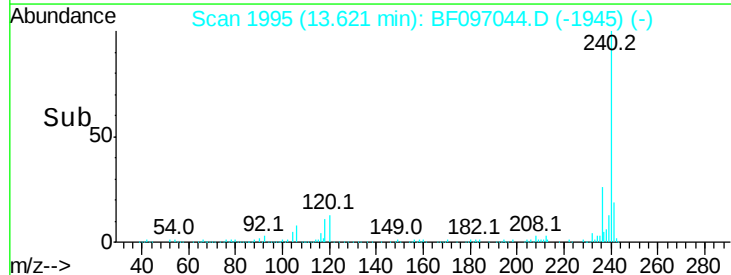
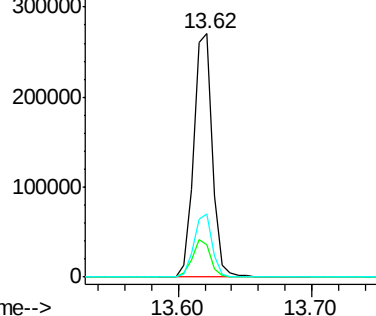


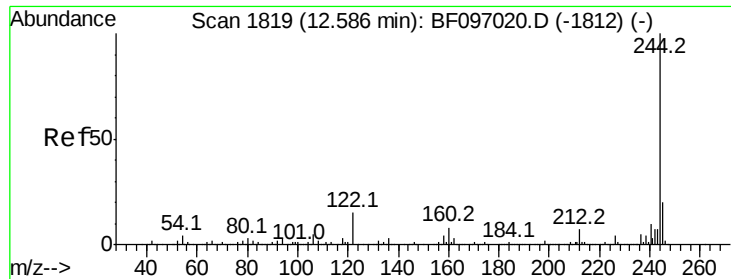
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097044.D
Acq: 25 Jul 2017 22:16

Tgt Ion:240 Resp: 267344
Ion Ratio Lower Upper
240 100
120 13.5 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: 64.738 ng

RT: 12.59 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Instrument :

BNA_F

ClientSampled :

S-3

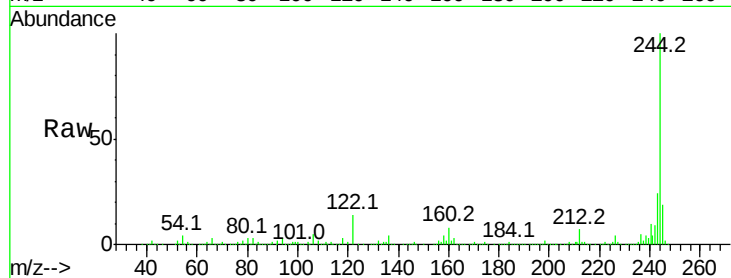
Tot Ion:244 Resp: 848879

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

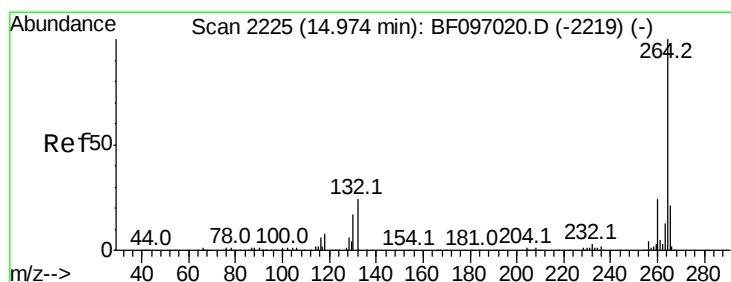
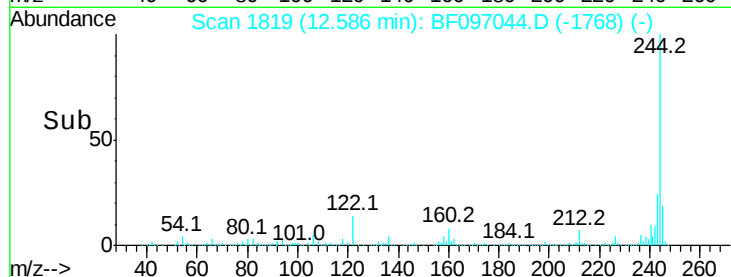
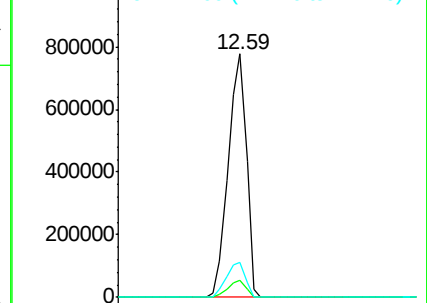
122 14.2 10.3 15.5



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: 14.97 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

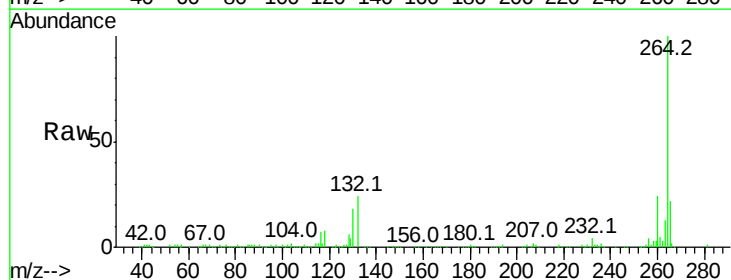
Tgt Ion:264 Resp: 203157

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.5 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

