

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093107.D
 Acq On : 23 Feb 2017 16:33
 Operator : SJ/MA
 Sample : PB97124BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BL

Quant Time: Feb 24 00:03:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158379	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	651526	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	317546	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	575818	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	541020	20.00	ng	-0.02
86) Perylene-d12	15.43	264	436638	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1057803	114.59	ng	-0.01
7) Phenol-d6	6.48	99	1276592	107.48	ng	-0.01
23) Nitrobenzene-d5	7.41	82	920138	78.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	290156	126.34	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1444548	82.41	ng	-0.01
78) Terphenyl-d14	12.94	244	1300766	56.49	ng	-0.02

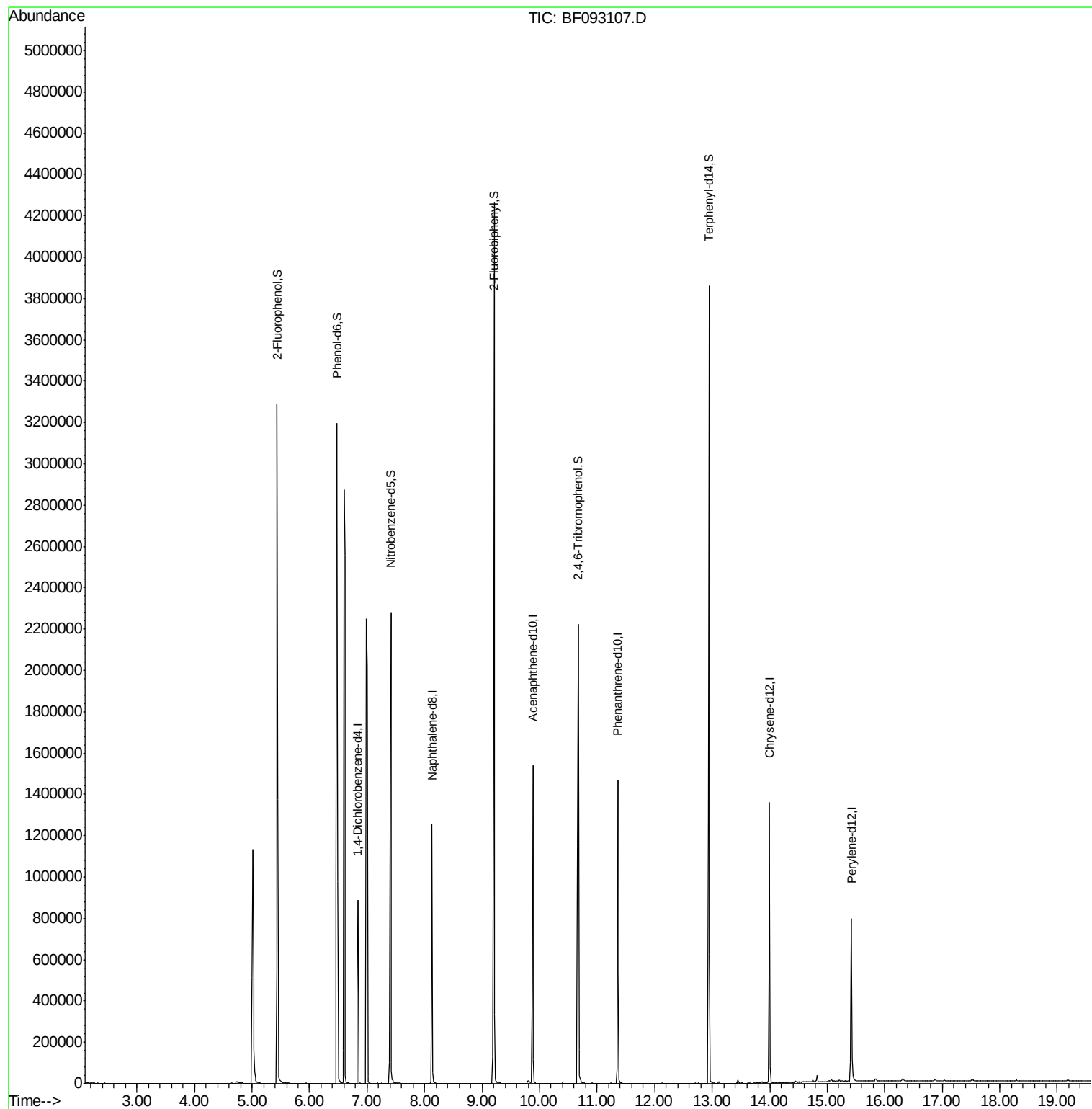
Target Compounds Qvalue

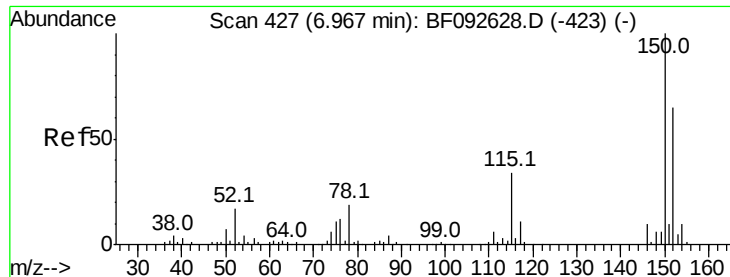
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 17 17:31:55 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB97124BL

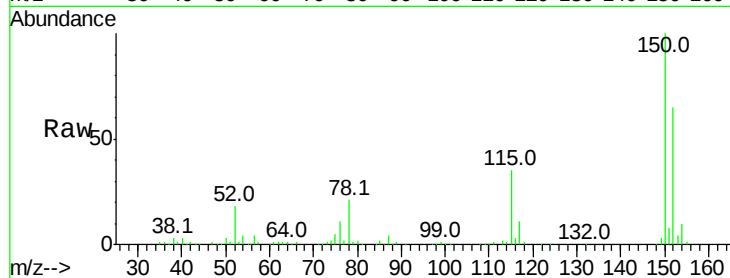
Tot Ion:152 Resp: 158379

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

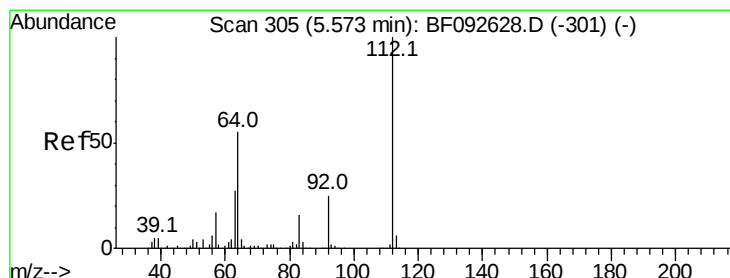
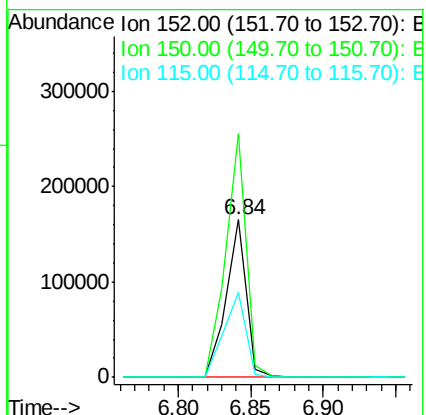
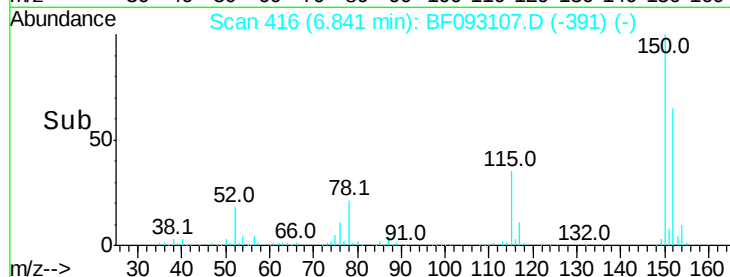
115 53.8 46.0 69.0



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: 114.59 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

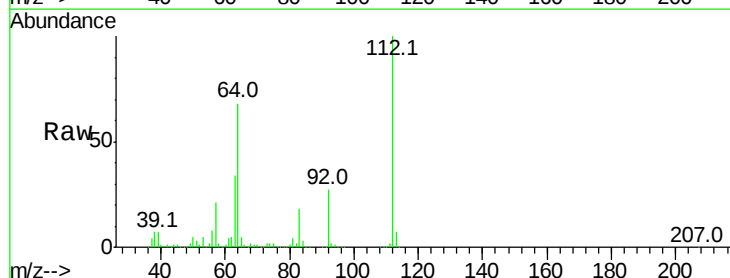
Tgt Ion:112 Resp: 1057803

Ion Ratio Lower Upper

112 100

64 67.9 46.1 69.1

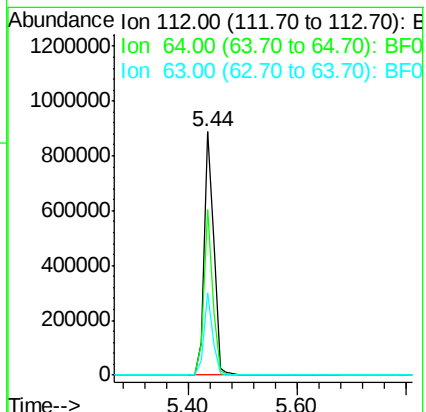
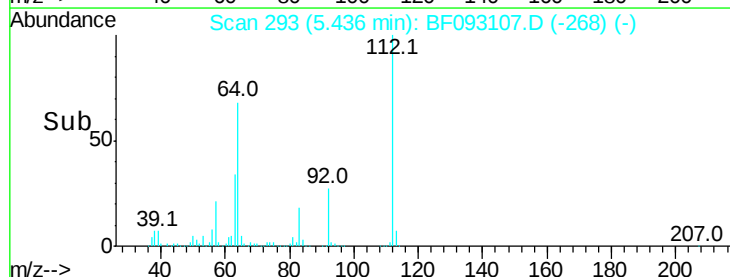
63 34.0 23.8 35.6

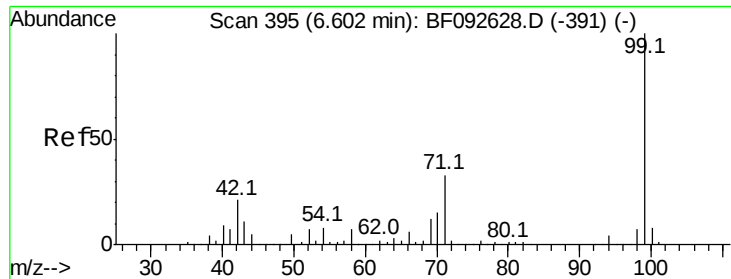


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.48 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

Instrument :

BNA_F

ClientSampled :

PB97124BL

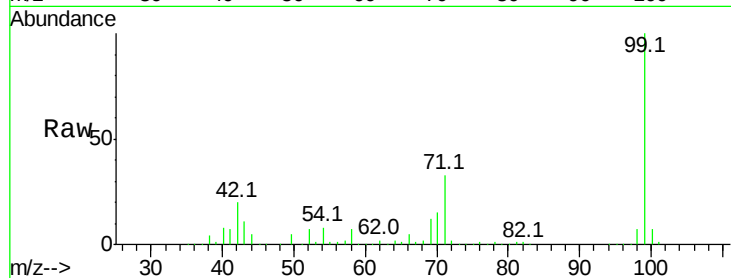
Tot Ion: 99 Resp: 1276592

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

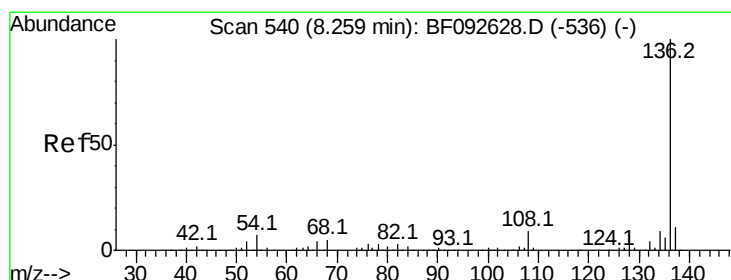
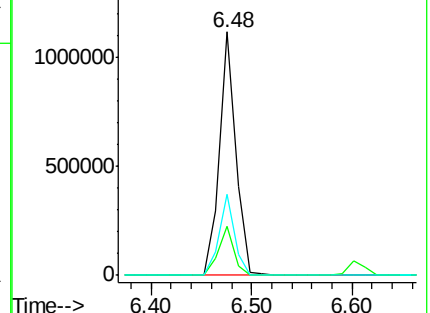
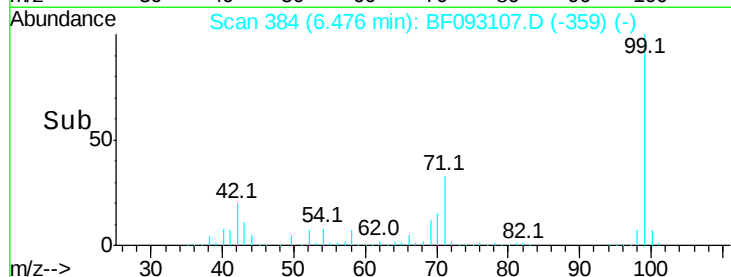
71 33.2 27.5 41.3



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: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

Tgt Ion: 136 Resp: 651526

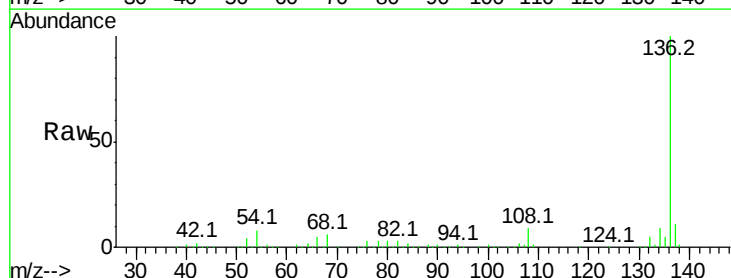
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 8.5 4.5 6.7#

68 5.7 3.6 5.4#

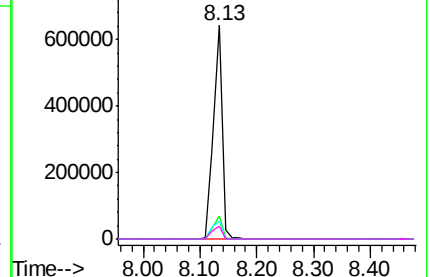
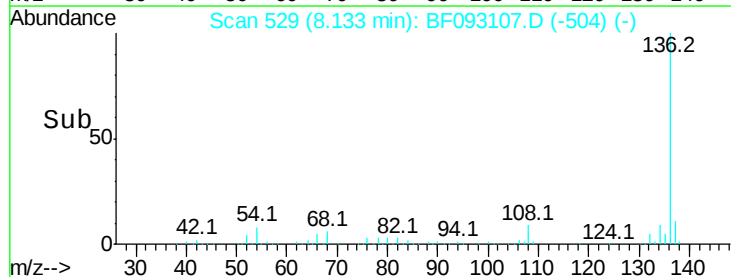


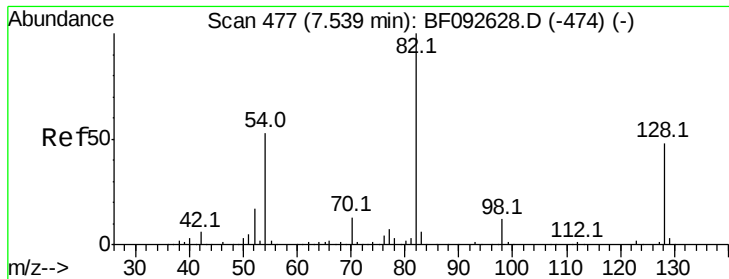
Abundance Ion 136.00 (135.70 to 136.70): E

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

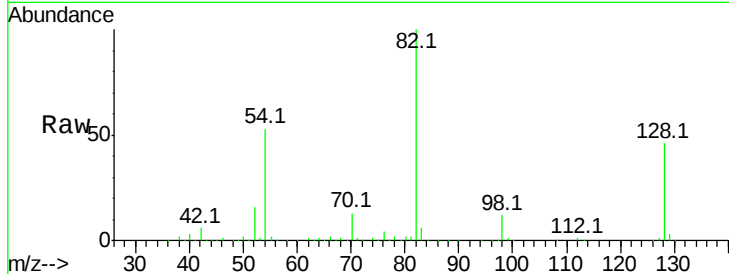




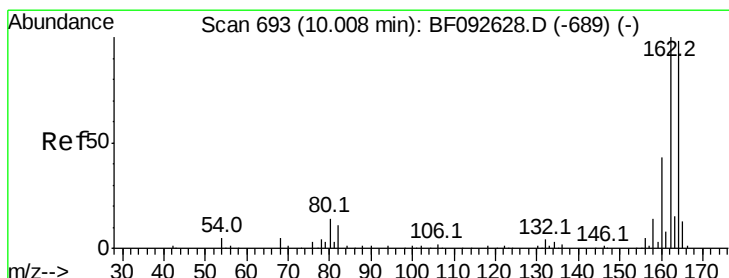
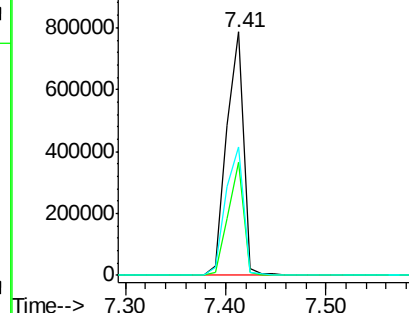
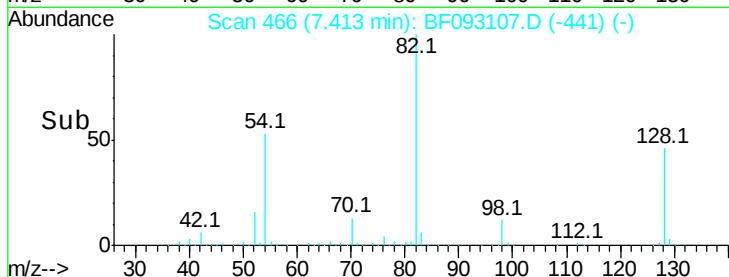
#23
 Nitrobenzene-d5
 Concen: 78.65 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BL

Tot Ion: 82 Resp: 920138
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.6 52.0
 54 52.8 39.5 59.3

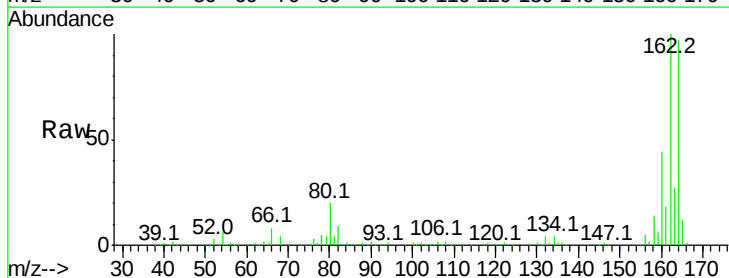


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

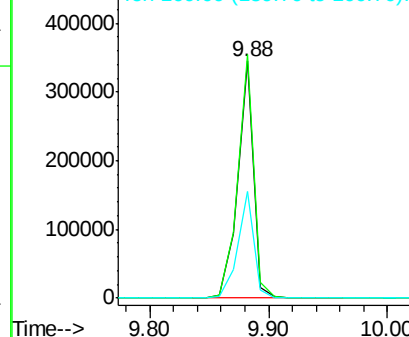
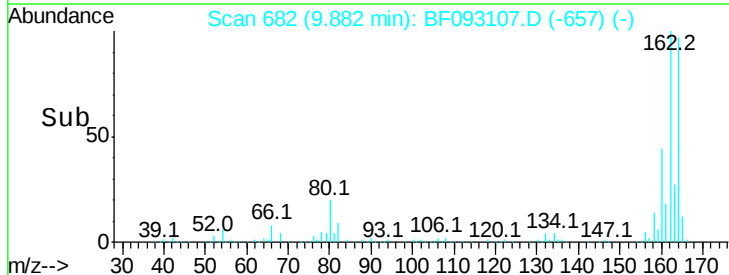


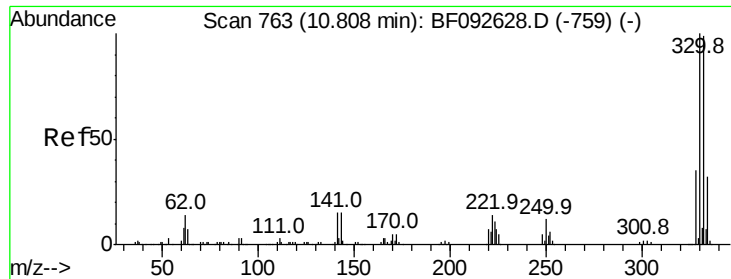
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

Tgt Ion: 164 Resp: 317546
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.2 120.2
 160 45.1 36.9 55.3



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

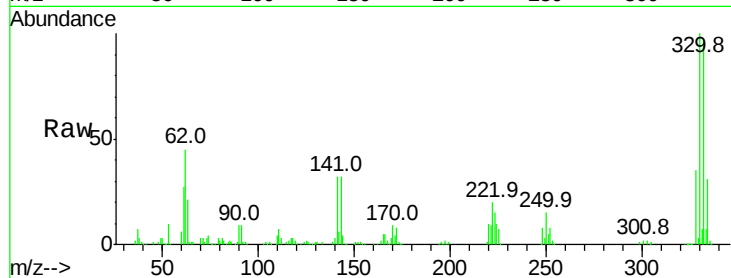




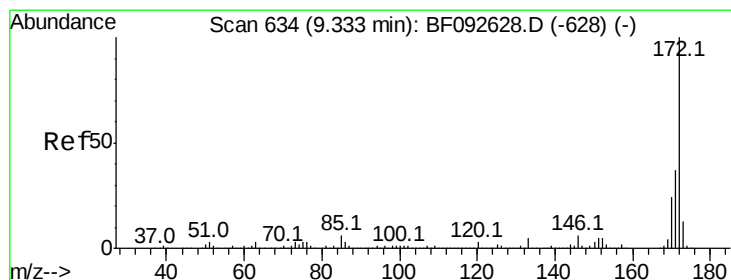
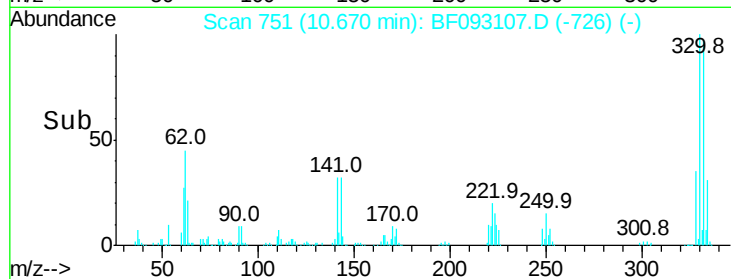
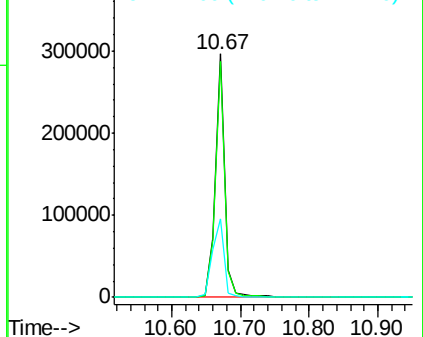
#41
 2,4,6-Tribromophenol
 Concen: 126.34 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	39.7	34.1	51.1

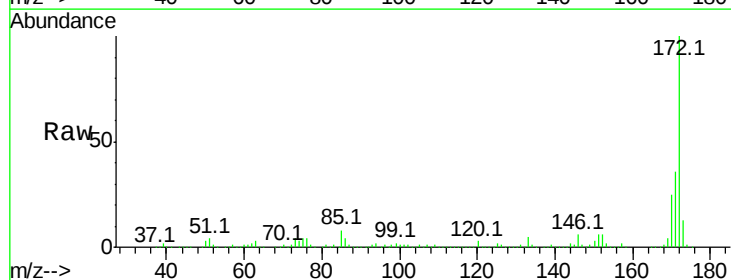


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

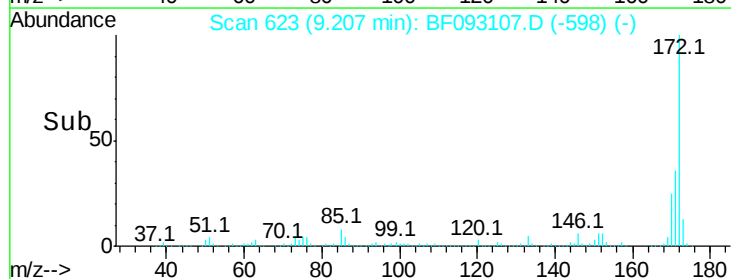
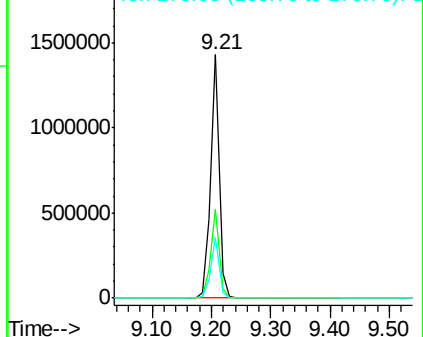


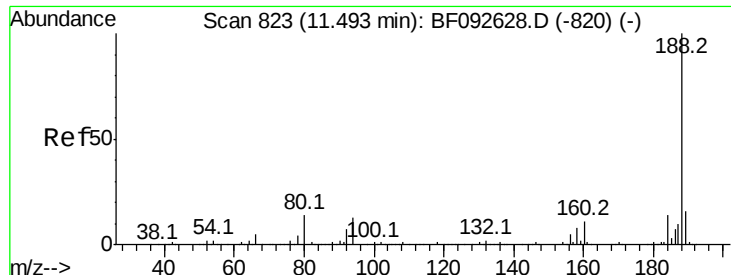
#44
 2-Fluorobiphenyl
 Concen: 82.41 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093107.D
 Acq: 23 Feb 2017 16:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.8	20.2	30.4



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

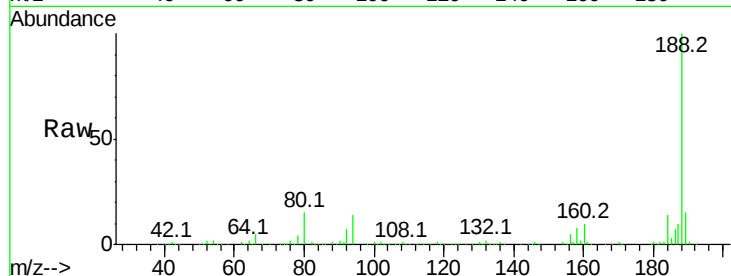




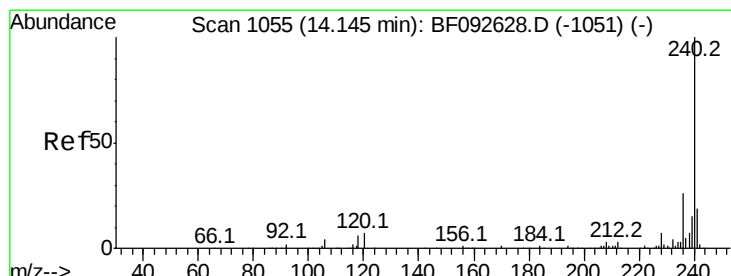
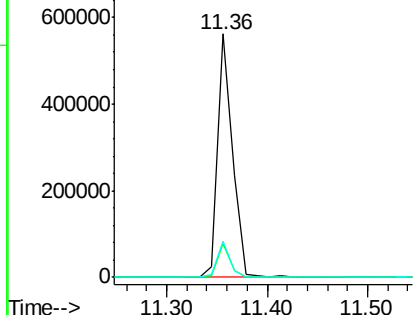
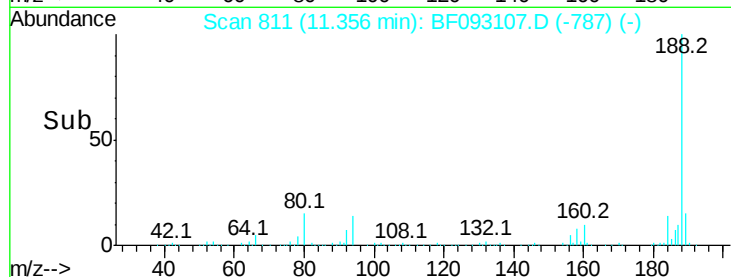
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093107.D
Acq: 23 Feb 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB97124BL

Tot Ion:188 Resp: 575818
Ion Ratio Lower Upper
188 100
94 13.6 10.0 15.0
80 15.0 11.2 16.8

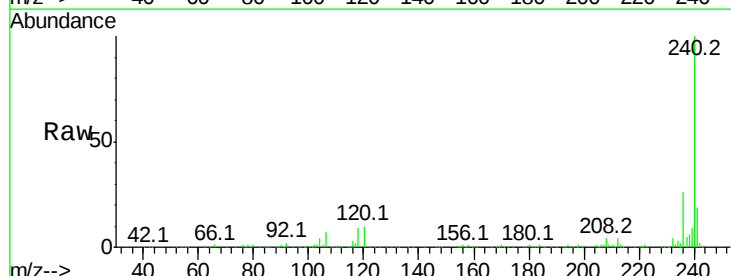


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

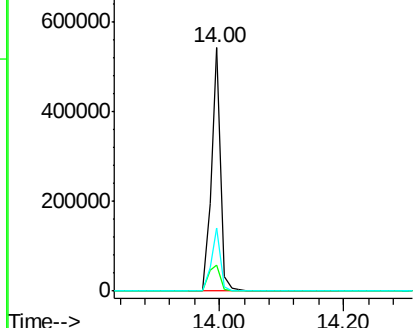
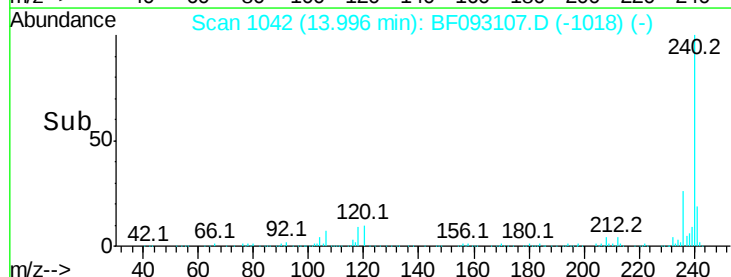


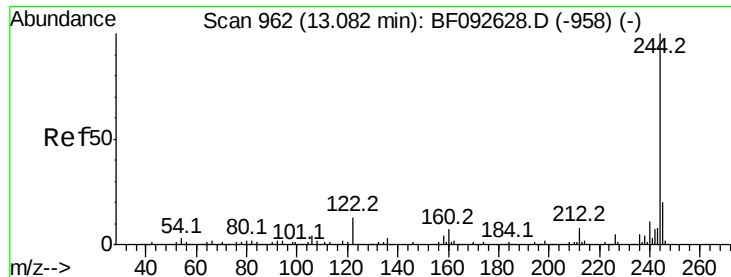
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093107.D
Acq: 23 Feb 2017 16:33

Tgt Ion:240 Resp: 541020
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 25.8 20.9 31.3



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: 56.49 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB97124BL

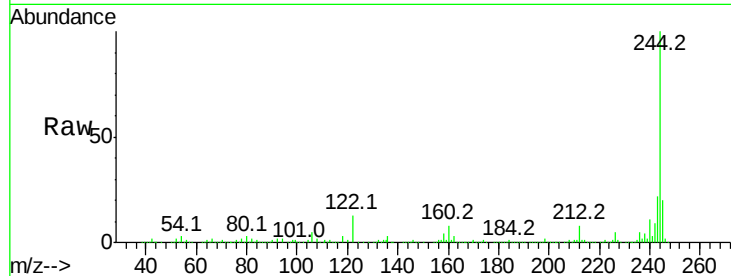
Tot Ion:244 Resp: 1300766

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

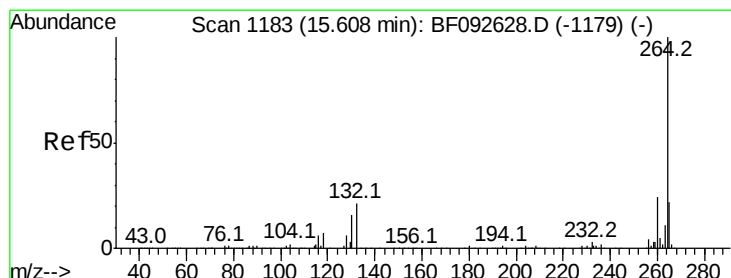
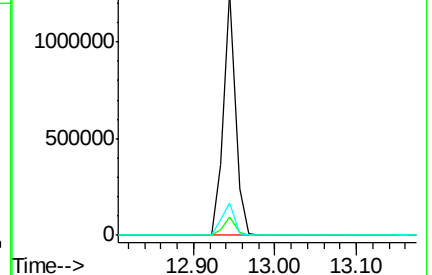
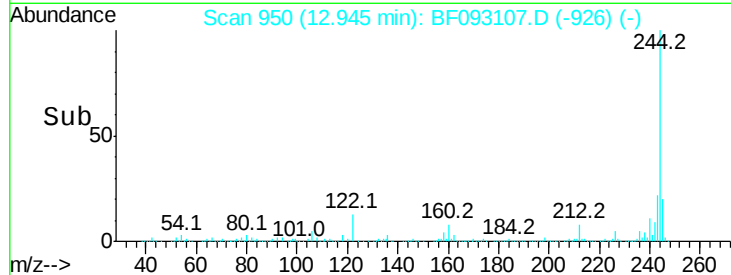
122 13.3 11.4 17.2



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: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093107.D

Acq: 23 Feb 2017 16:33

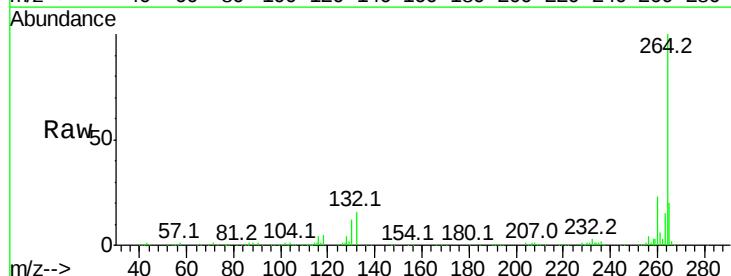
Tgt Ion:264 Resp: 436638

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.4 17.4 26.0



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

