

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090183.D
 Acq On : 22 Sep 2016 2:28
 Operator : UM/SJ
 Sample : H4856-15 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Quant Time: Sep 22 04:40:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

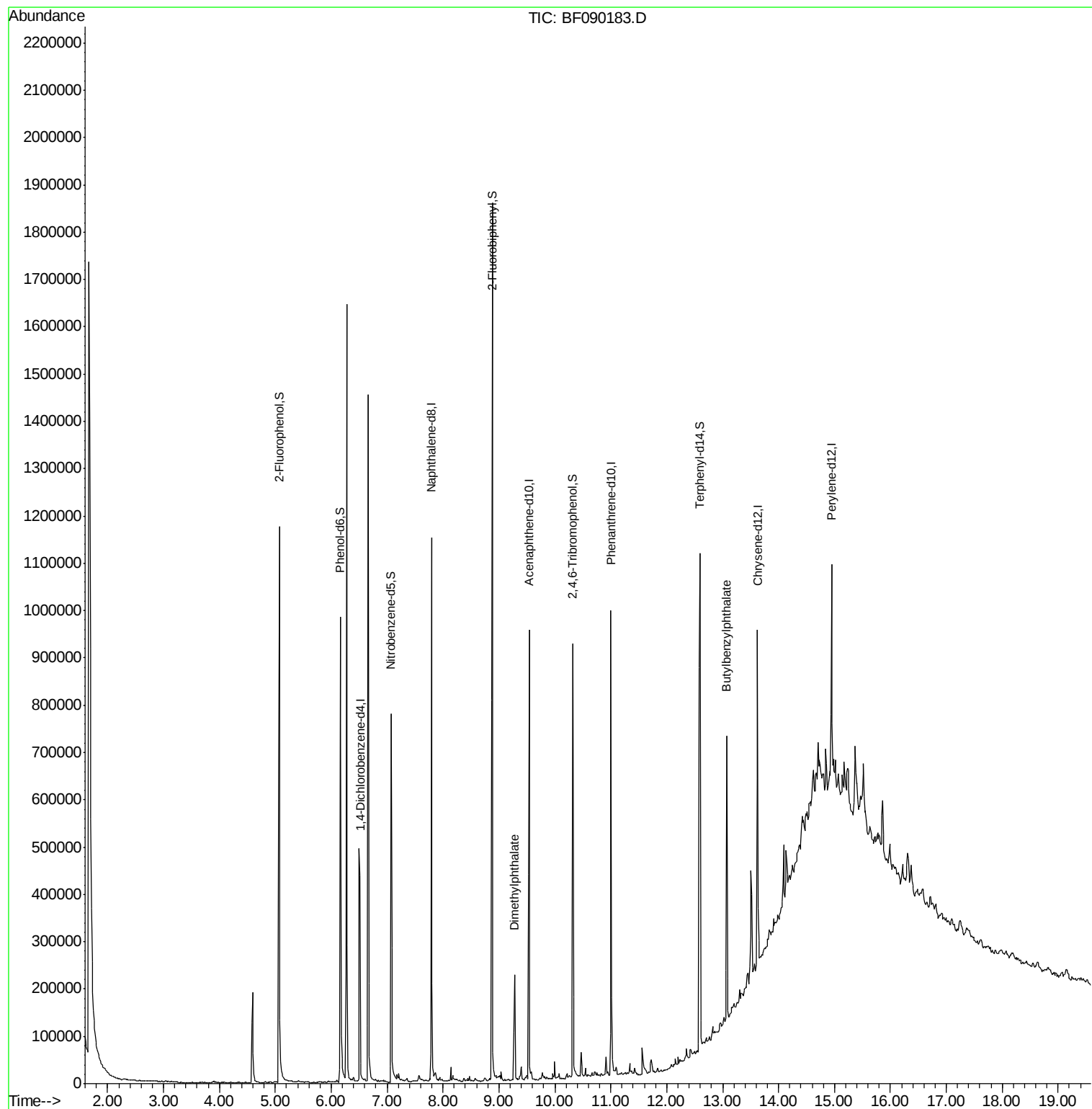
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	119193m	20.00	ng	-0.01
21) Naphthalene-d8	7.79	136	505285m	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	239348	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	347358	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	306382	20.00	ng	-0.01
86) Perylene-d12	14.95	264	203844	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	500952	68.51	ng	0.00
7) Phenol-d6	6.16	99	602781	66.75	ng	-0.01
23) Nitrobenzene-d5	7.07	82	319511	36.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	113542	55.29	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	691301	56.70	ng	-0.01
78) Terphenyl-d14	12.59	244	465096	38.54	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.28	163	111323	7.30	ng	99
79) Butylbenzylphthalate	13.07	149	136114	13.27	ng	88

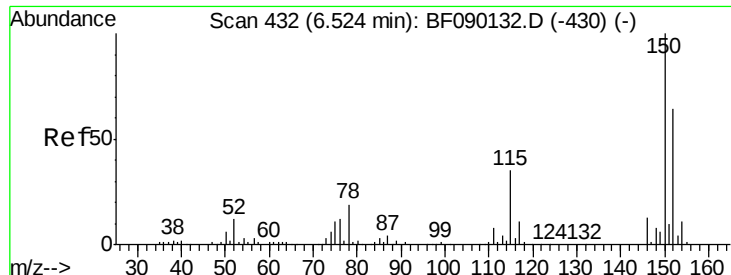
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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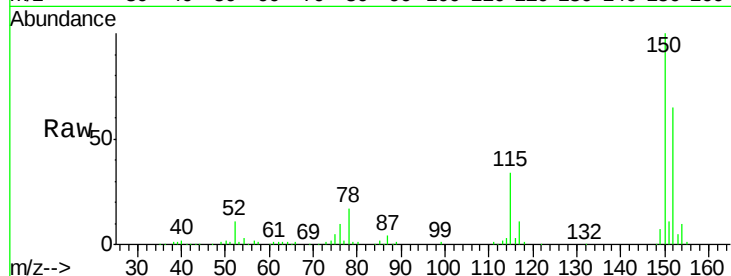


#1

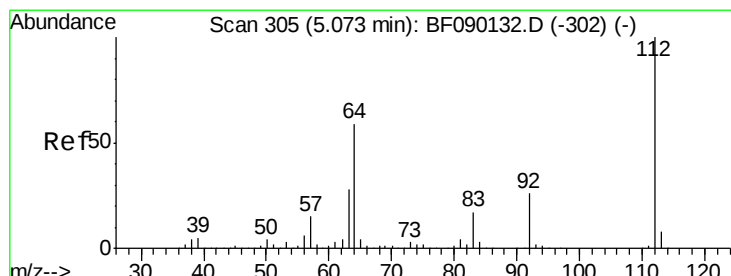
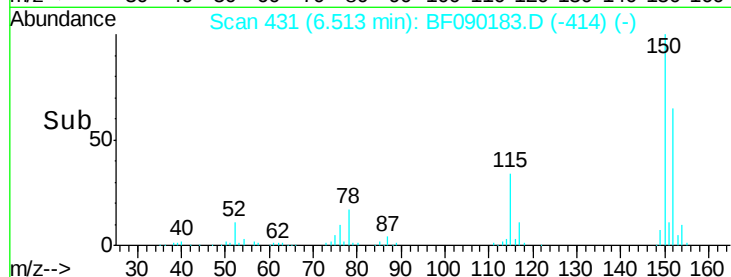
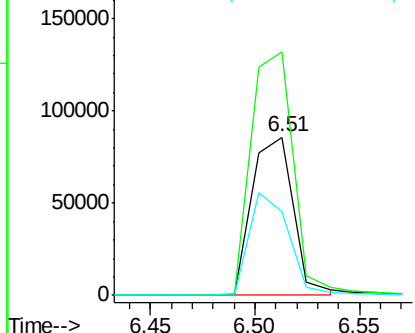
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.51 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF090183.D
Acq: 22 Sep 2016 2:28

Instrument :
BNA_F
ClientSampleId :
SS-3

Tot Ion:152 Resp: 119193
Ion Ratio Lower Upper
152 100
150 153.9 128.9 193.3
115 52.7 55.5 83.3#



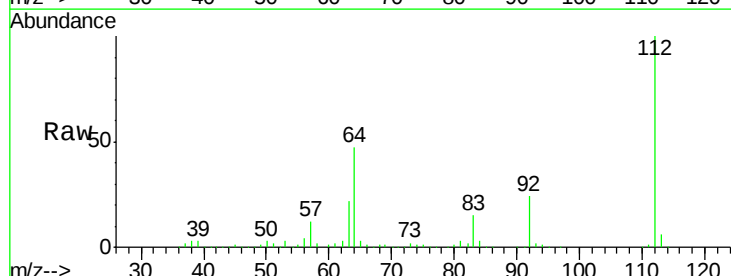
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



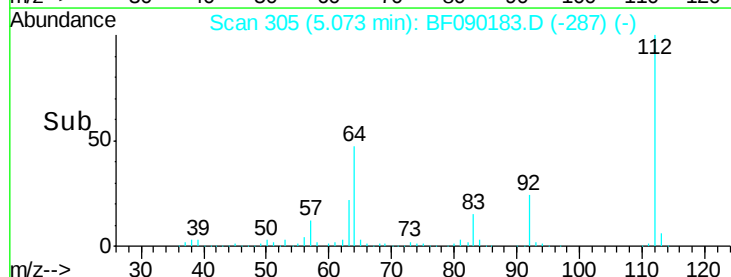
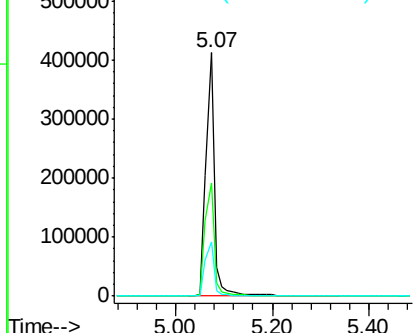
#5

2-Fluorophenol
Concen: 68.51 ng
RT: 5.07 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF090183.D
Acq: 22 Sep 2016 2:28

Tgt Ion:112 Resp: 500952
Ion Ratio Lower Upper
112 100
64 46.6 39.8 59.6
63 22.2 18.9 28.3



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: 66.75 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

Instrument :

BNA_F

ClientSampleId :

SS-3

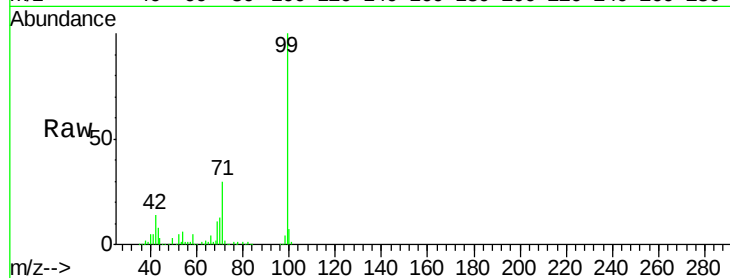
Tot Ion: 99 Resp: 602781

Ion Ratio Lower Upper

99 100

42 14.0 10.6 15.8

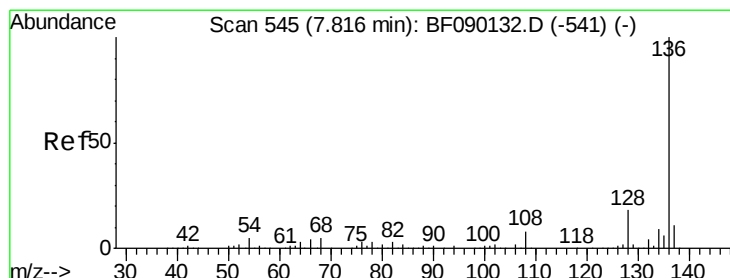
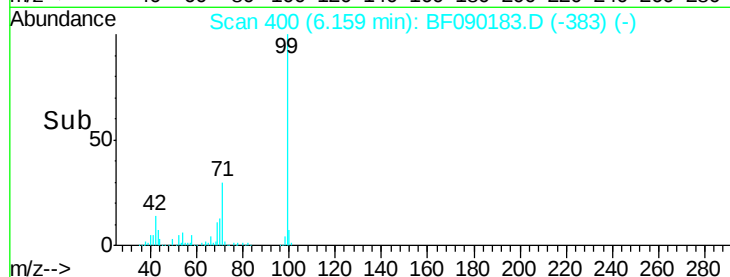
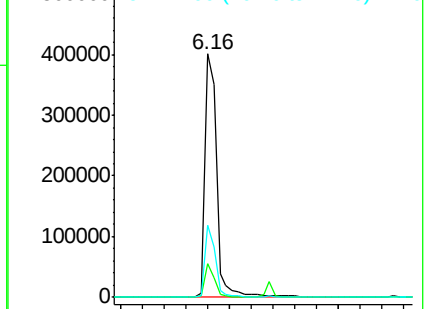
71 29.7 23.0 34.6



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 m

RT: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

Tgt Ion: 136 Resp: 505285

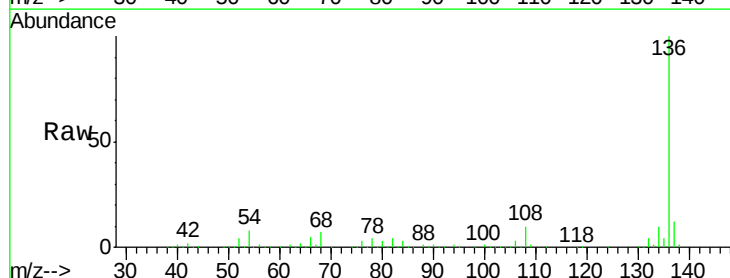
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 8.1 6.4 9.6

68 7.4 6.3 9.5

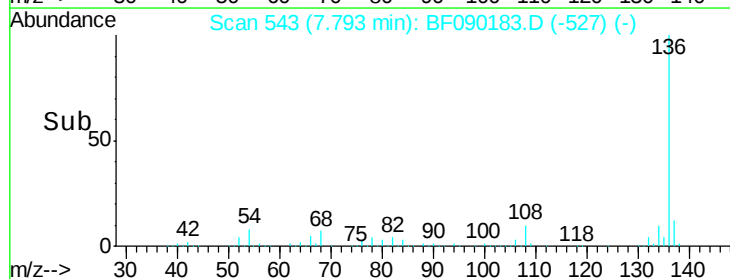
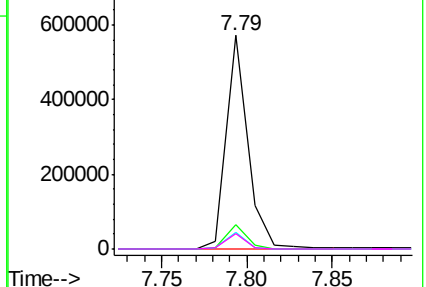


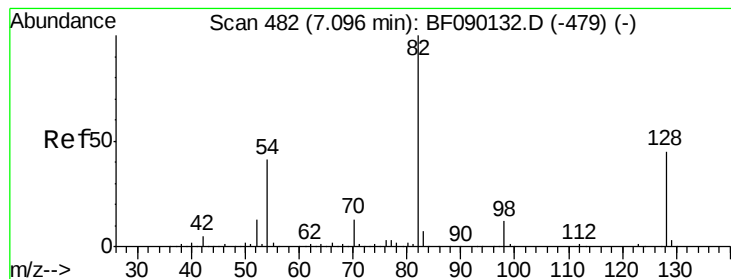
Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.66 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

Instrument :

BNA_F

ClientSampled :

SS-3

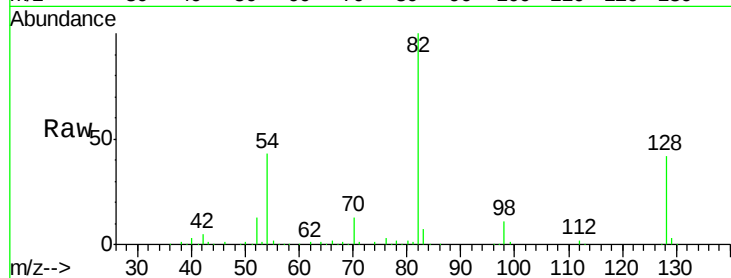
Tot Ion: 82 Resp: 319511

Ion Ratio Lower Upper

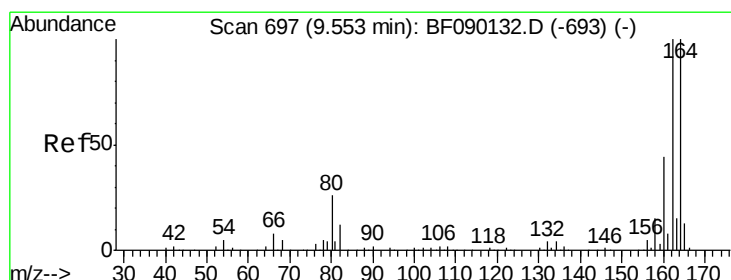
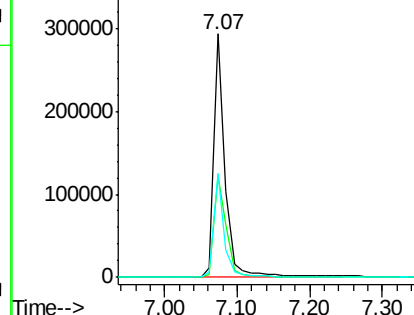
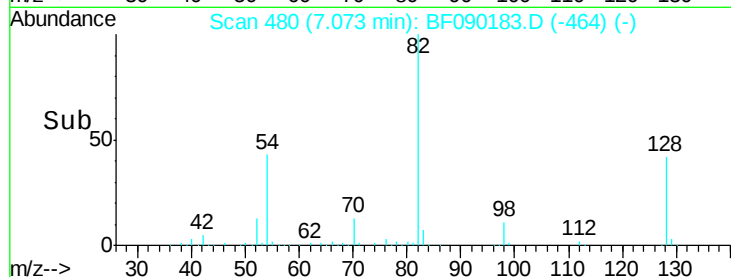
82 100

128 41.9 37.5 56.3

54 42.9 31.9 47.9



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: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

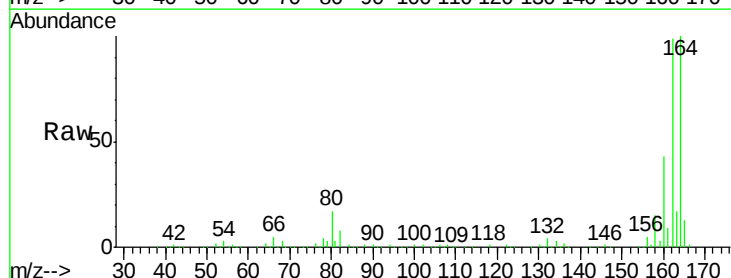
Tgt Ion: 164 Resp: 239348

Ion Ratio Lower Upper

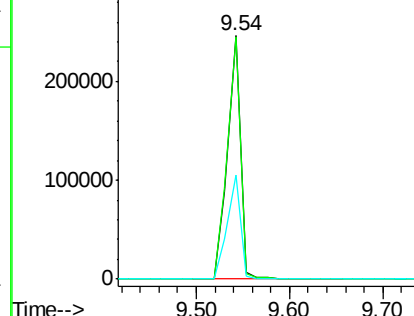
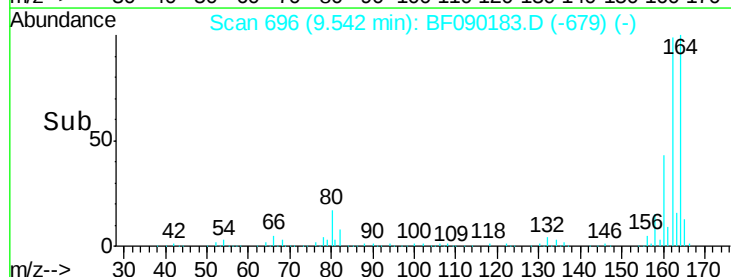
164 100

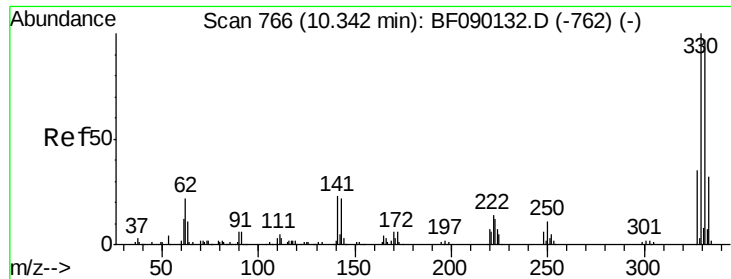
162 99.3 81.4 122.2

160 43.0 36.6 54.8



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

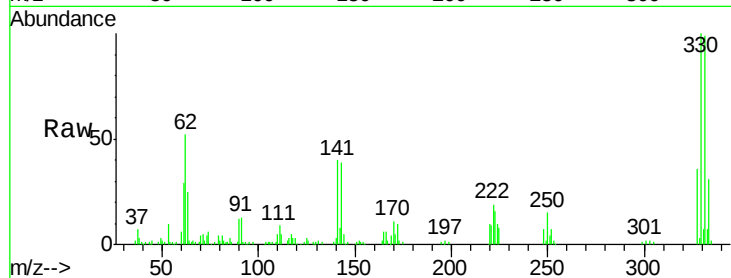




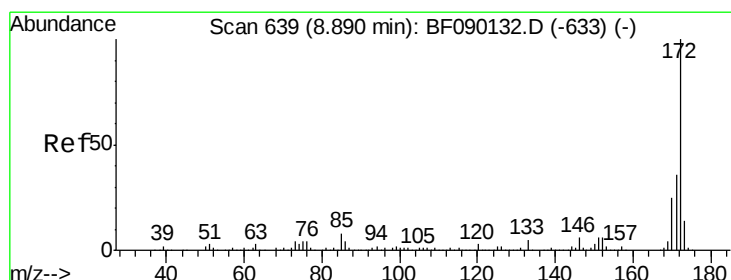
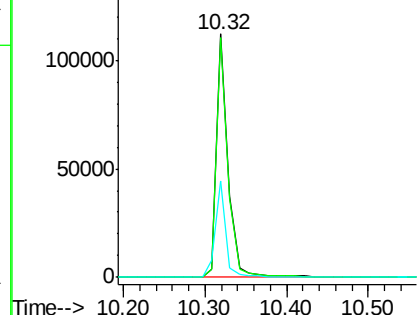
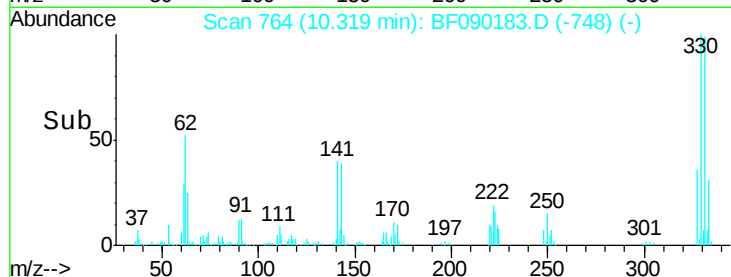
#41
 2,4,6-Tribromophenol
 Concen: 55.29 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090183.D
 Acq: 22 Sep 2016 2:28

Instrument :
 BNA_F
 ClientSampled :
 SS-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.1	117.1
141	36.2	23.9	35.9#

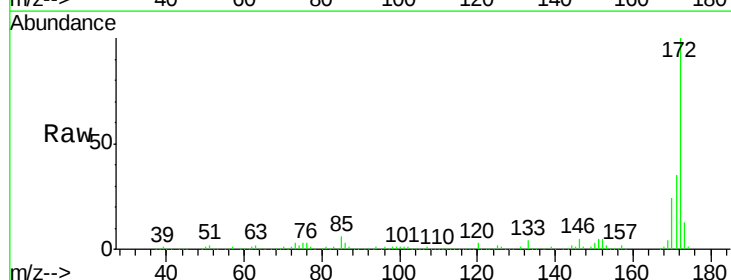


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

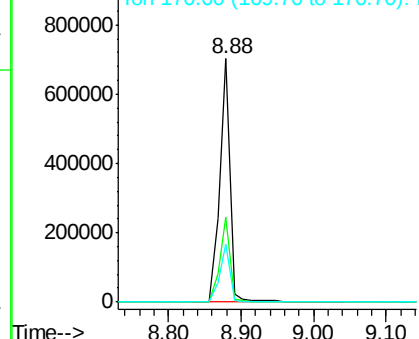
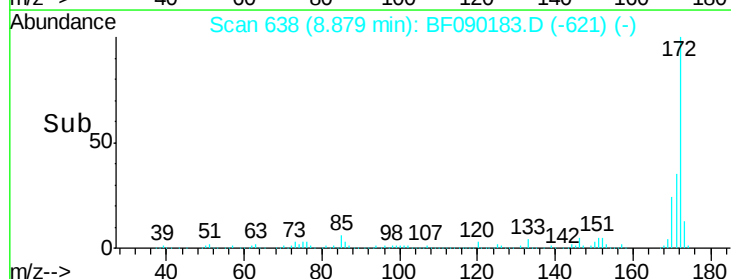


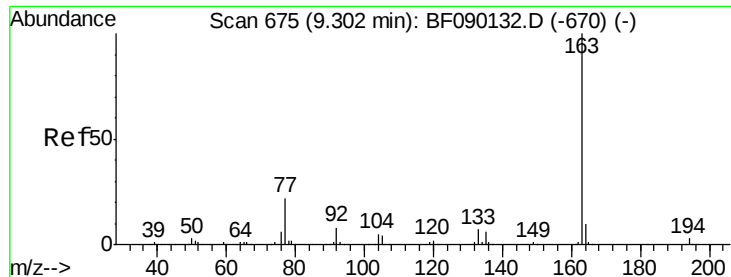
#44
 2-Fluorobiphenyl
 Concen: 56.70 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090183.D
 Acq: 22 Sep 2016 2:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.2	43.8
170	23.8	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: 7.30 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

Instrument :

BNA_F

ClientSampleId :

SS-3

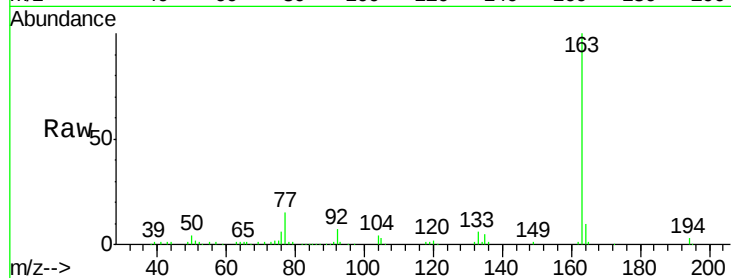
Tot Ion:163 Resp: 111323

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

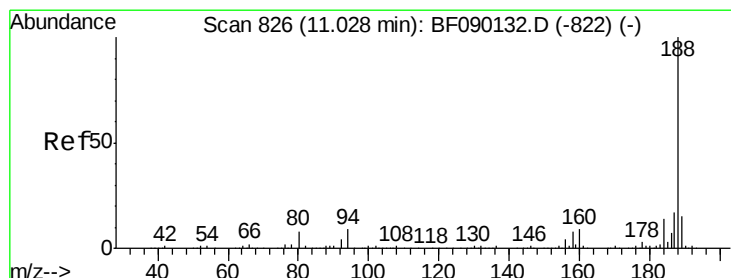
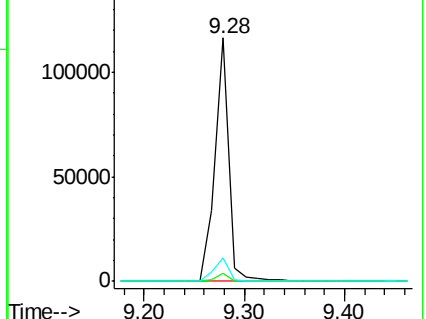
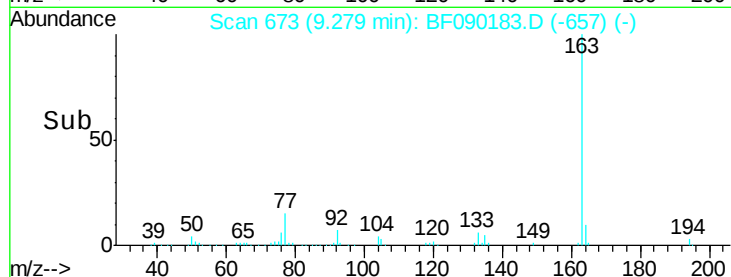
164 9.8 8.1 12.1



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: 20.00 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

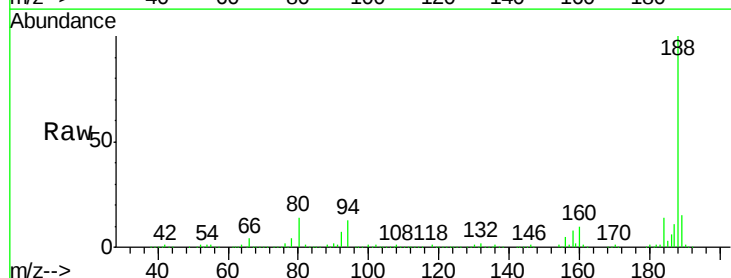
Tgt Ion:188 Resp: 347358

Ion Ratio Lower Upper

188 100

94 13.3 10.5 15.7

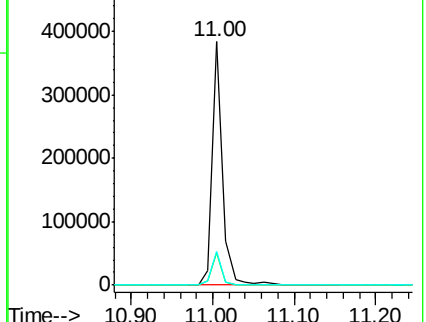
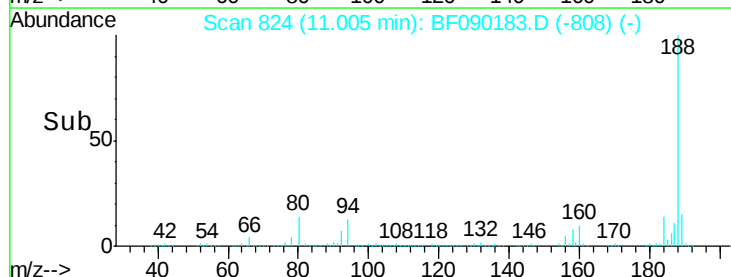
80 13.9 11.2 16.8

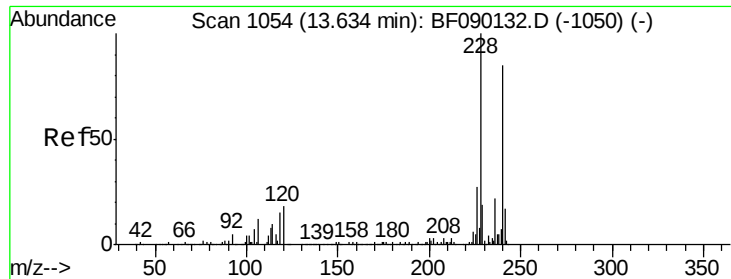


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

Instrument :

BNA_F

ClientSampleId :

SS-3

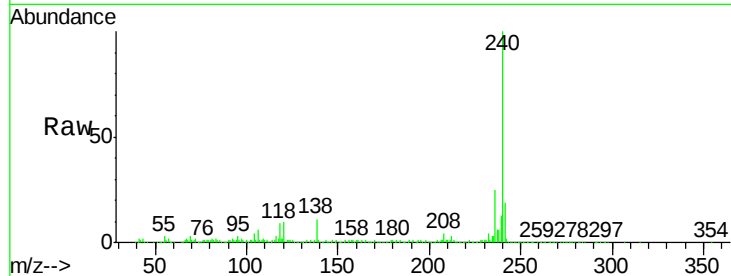
Tot Ion:240 Resp: 306382

Ion Ratio Lower Upper

240 100

120 10.0 10.6 16.0#

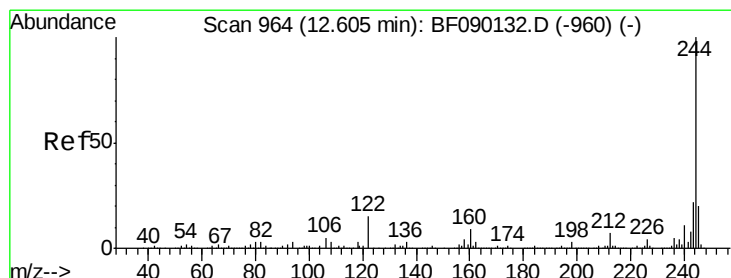
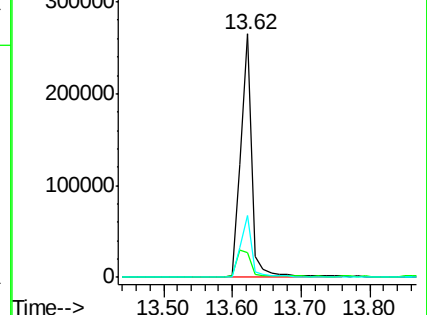
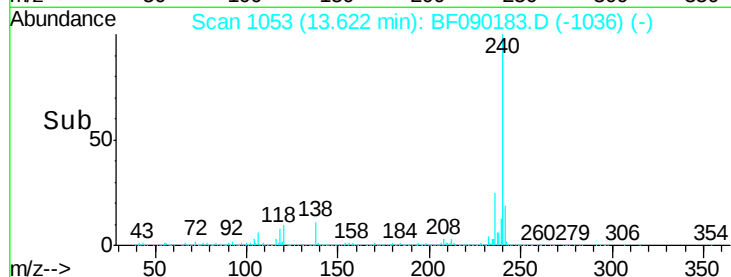
236 25.3 21.6 32.4



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: 38.54 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

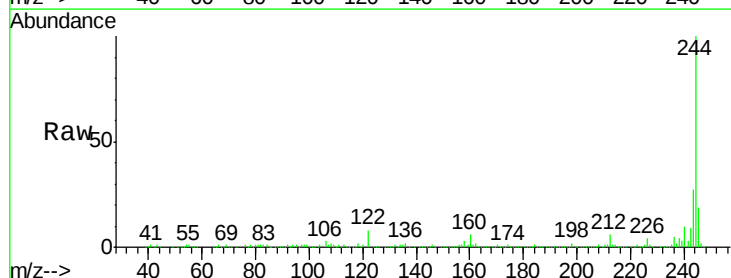
Tgt Ion:244 Resp: 465096

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

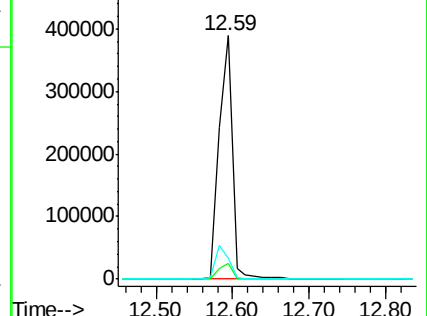
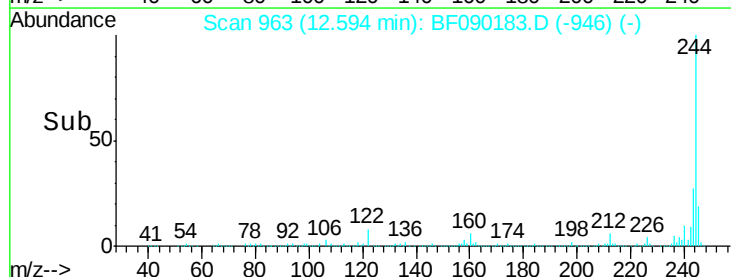
122 8.4 9.4 14.0#

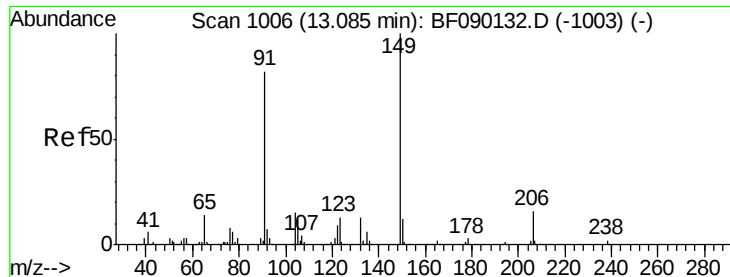


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

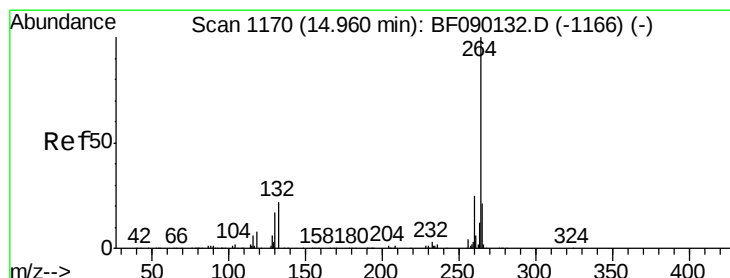
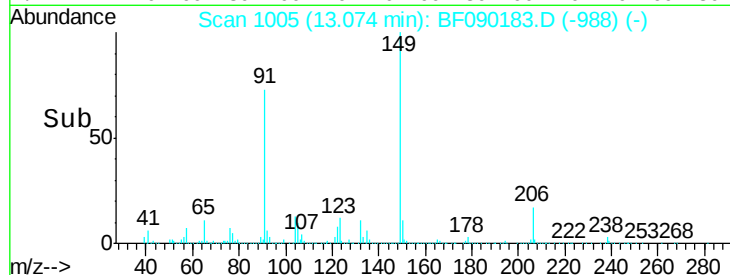
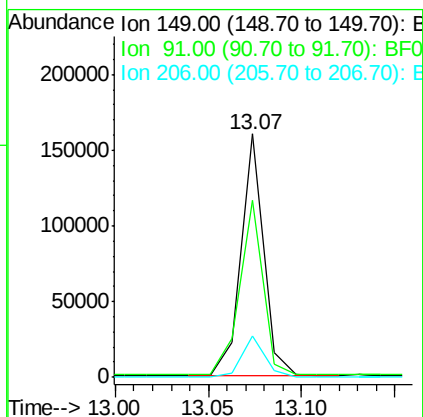
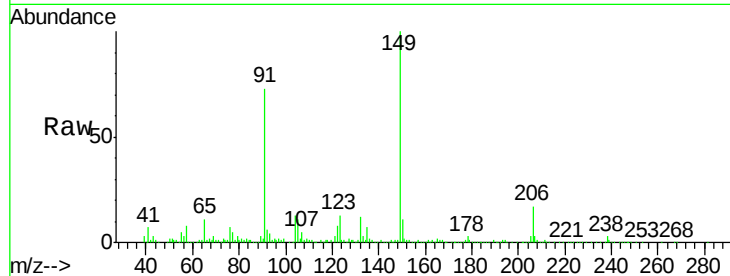




#79
Butylbenzylphthalate
Concen: 13.27 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF090183.D
Acq: 22 Sep 2016 2:28

Instrument :
BNA_F
ClientSampleId :
SS-3

Tot Ion:149 Resp: 136114
Ion Ratio Lower Upper
149 100
91 72.9 49.8 74.6
206 16.8 16.3 24.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF090183.D
Acq: 22 Sep 2016 2:28

Tgt Ion:264 Resp: 203844
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 22.2 17.0 25.4

