

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091693.D
 Acq On : 17 Dec 2016 00:40
 Operator : UM/SJ
 Sample : H6125-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(8-9.5)-12-14-16

Quant Time: Dec 17 04:25:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

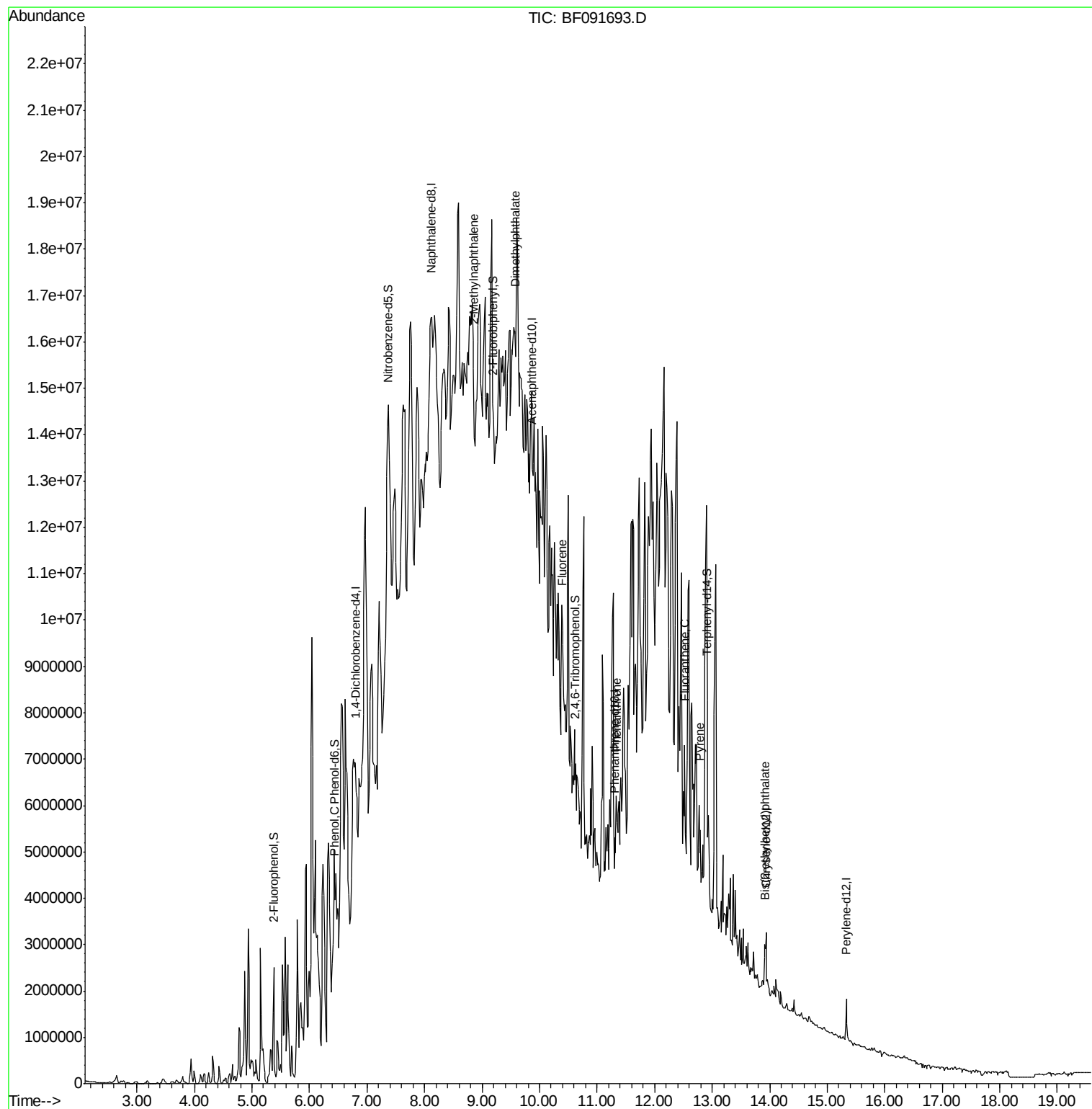
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122070	20.00	ng	0.01
21) Naphthalene-d8	8.11	136	342432	20.00	ng	0.03
38) Acenaphthene-d10	9.87	164	211040	20.00	ng	0.05
63) Phenanthrene-d10	11.31	188	446207m	20.00	ng	0.00
75) Chrysene-d12	13.94	240	475242	20.00	ng	0.00
86) Perylene-d12	15.33	264	432931	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	691145	95.39	ng	0.00
7) Phenol-d6	6.43	99	1016110	112.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	810998	132.18	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	165787	94.58	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	594557	48.68	ng	0.05
78) Terphenyl-d14	12.91	244	898825	42.92	ng	0.01
Target Compounds						
10) Phenol	6.44	94	73620	6.97	ng	# 52
37) 2-Methylnaphthalene	8.85	142	2326070	225.57	ng	# 96
49) Dimethylphthalate	9.57	163	140859	10.54	ng	# 62
57) Fluorene	10.40	166	317766	26.65	ng	# 75
70) Phenanthrene	11.33	178	307211m	13.90	ng	
74) Fluoranthene	12.52	202	143371m	6.20	ng	
77) Pyrene	12.77	202	133897m	3.55	ng	
83) Bis(2-ethylhexyl)phthalate	13.92	149	666454	35.34	ng	# 89

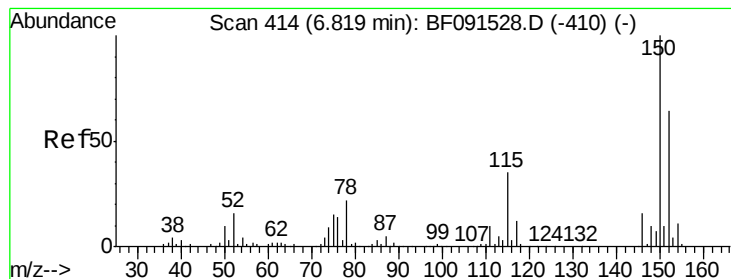
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SB-47(8-9.5)-12-14-16

Quant Time: Dec 17 04:25:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
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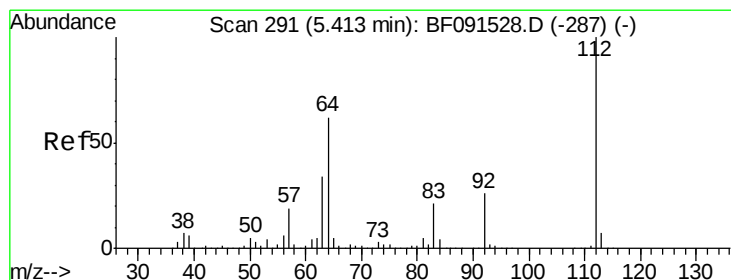
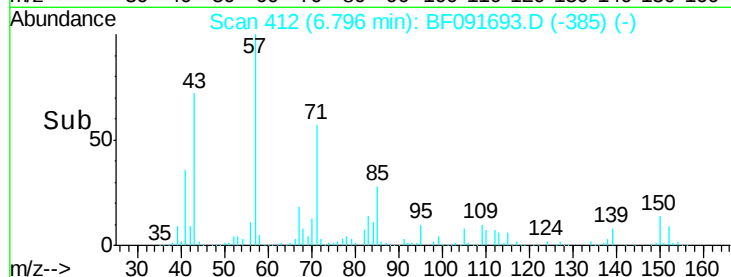
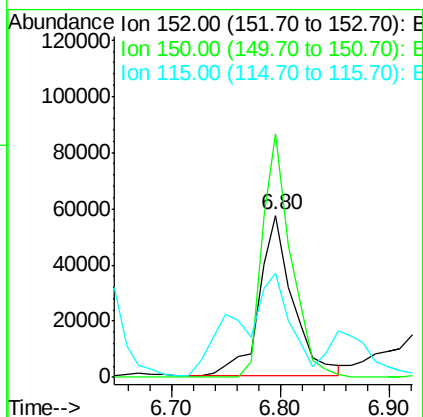
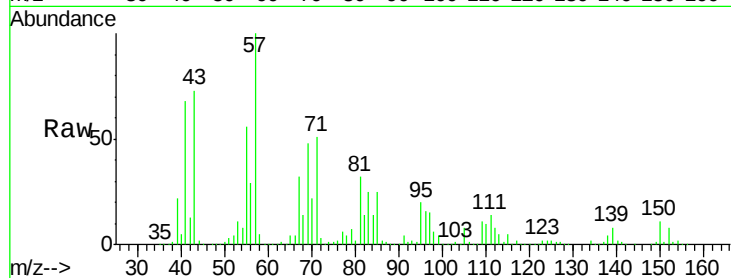




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

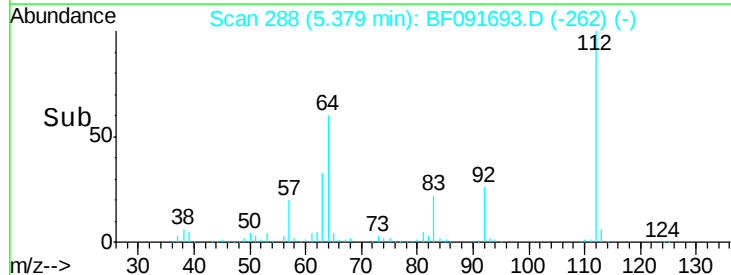
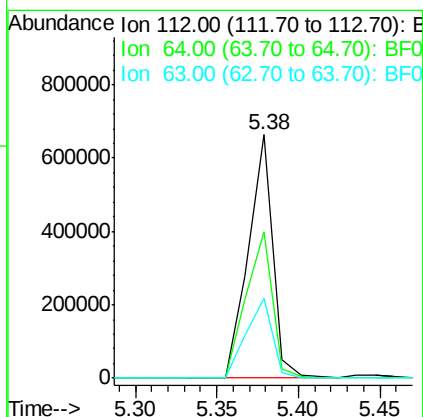
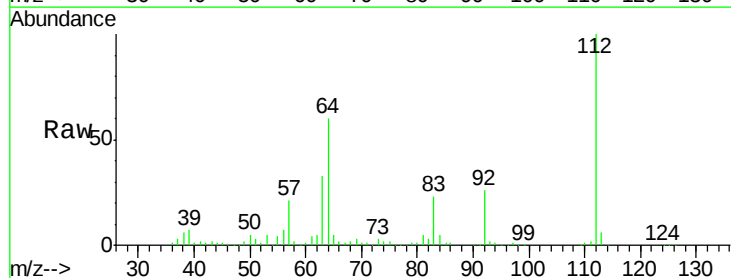
Instrument :
 BNA_F
 ClientSampleId :
 SB-47(8-9.5)-12-14-16

Tot Ion:152 Resp: 122070
 Ion Ratio Lower Upper
 152 100
 150 150.2 122.5 183.7
 115 64.2 51.8 77.8



#5
 2-Fluorophenol
 Concen: 95.39 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.00 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

Tgt Ion:112 Resp: 691145
 Ion Ratio Lower Upper
 112 100
 64 60.0 61.5 92.3#
 63 32.7 33.3 49.9#





#7

Phenol-d6

Concen: 112.49 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

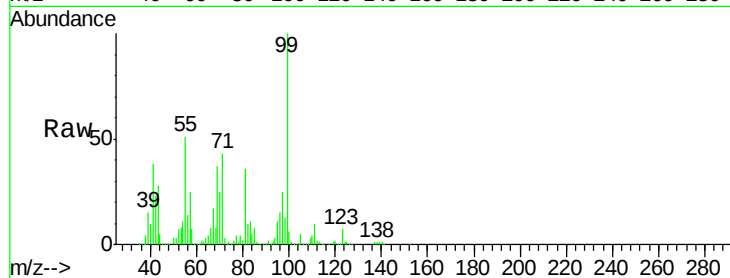
Tot Ion: 99 Resp: 1016110

Ion Ratio Lower Upper

99 100

42 22.7 20.6 31.0

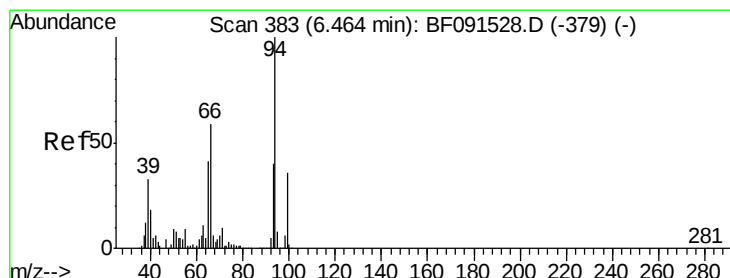
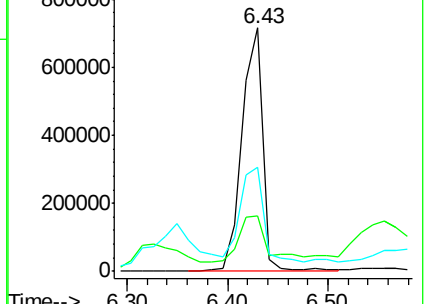
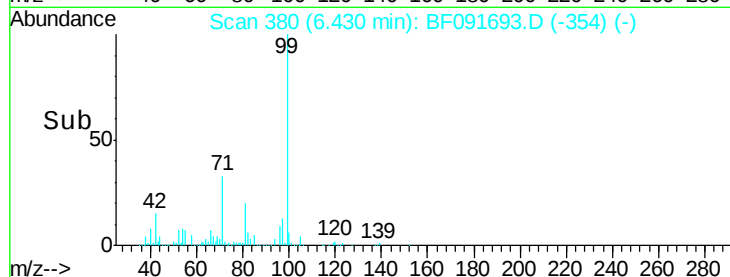
71 42.7 29.9 44.9



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: 6.97 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

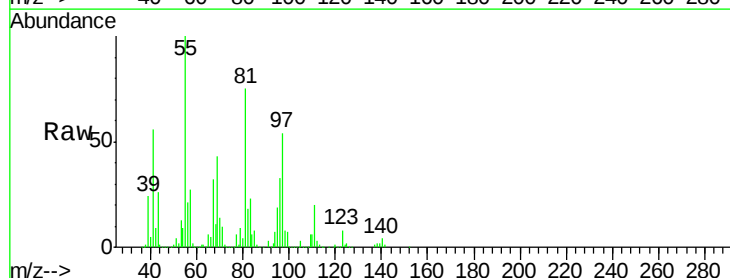
Tgt Ion: 94 Resp: 73620

Ion Ratio Lower Upper

94 100

65 83.0 16.9 56.9#

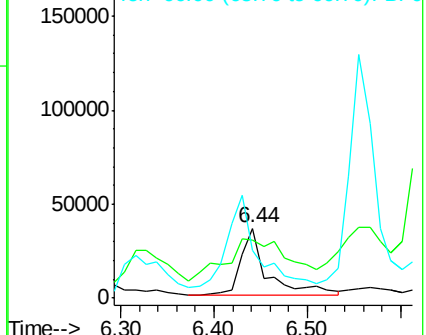
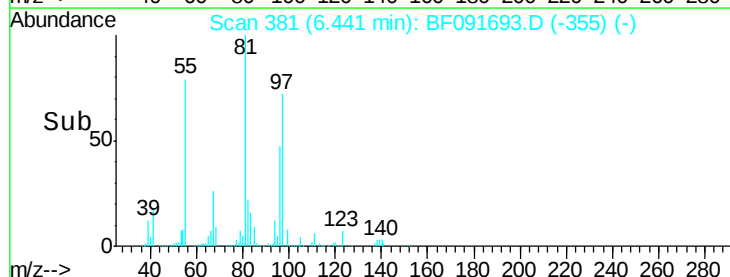
66 68.6 30.6 70.6

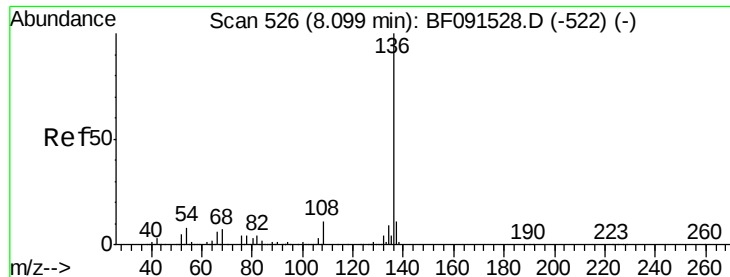


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.03 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

Tot Ion:136 Resp: 342432

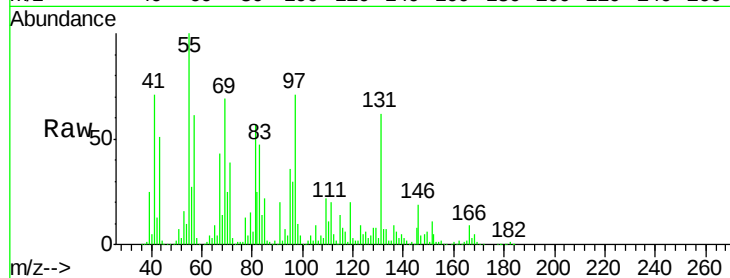
Ion Ratio Lower Upper

136 100

137 60.6 9.1 13.7#

54 113.2 9.1 13.7#

68 149.0 5.9 8.9#

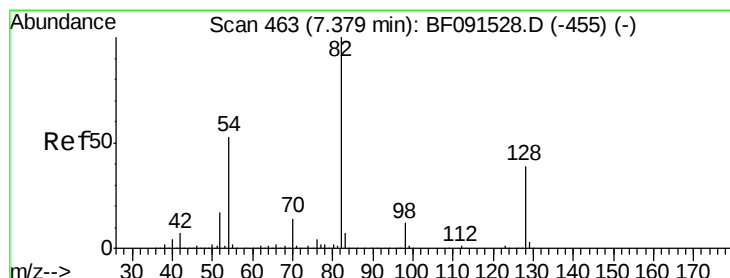
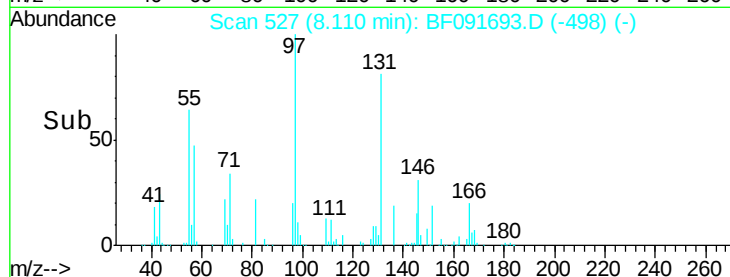
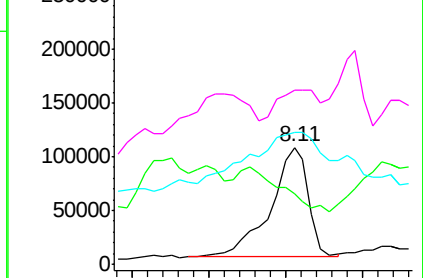


Abundance Ion 136.00 (135.70 to 136.70): E

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: 132.18 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

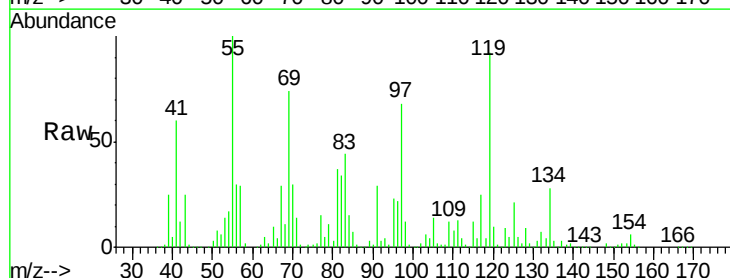
Tgt Ion: 82 Resp: 810998

Ion Ratio Lower Upper

82 100

128 26.7 31.8 47.6#

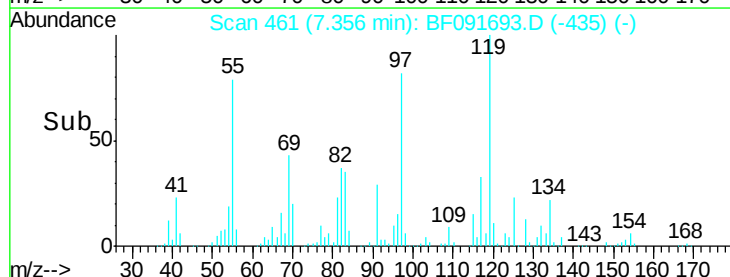
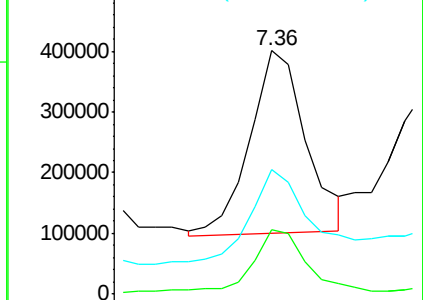
54 51.0 49.1 73.7

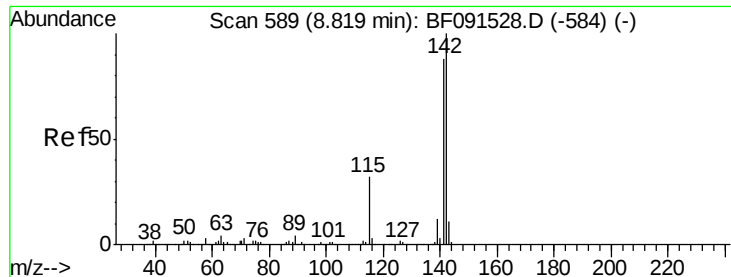


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

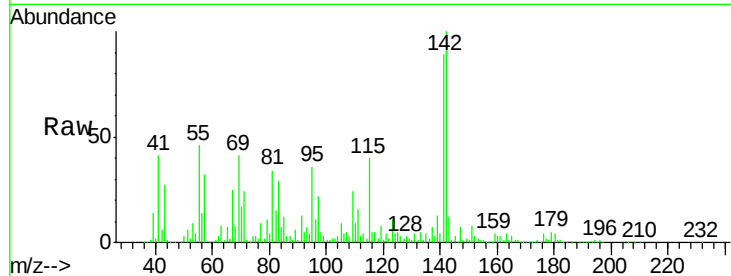




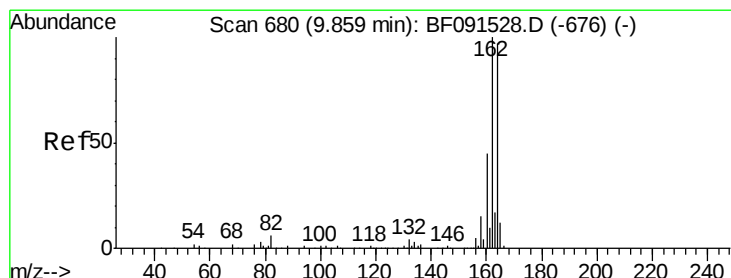
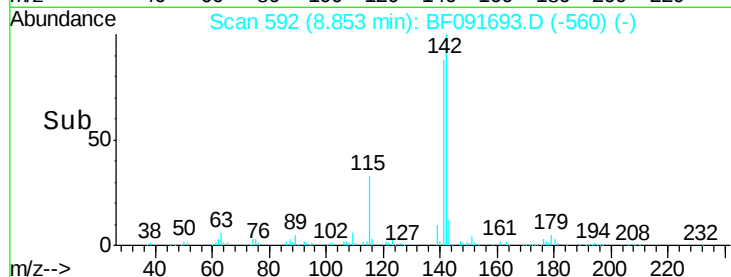
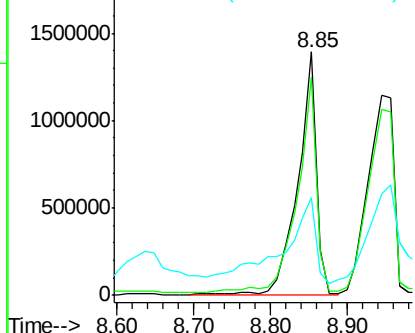
#37
2-Methylnaphthalene
Concen: 225.57 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.07 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16

Tot Ion:142 Resp: 2326070
Ion Ratio Lower Upper
142 100
141 89.3 71.7 107.5
115 40.0 25.0 37.6#

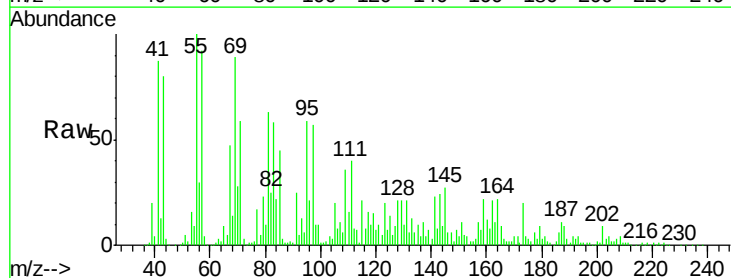


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

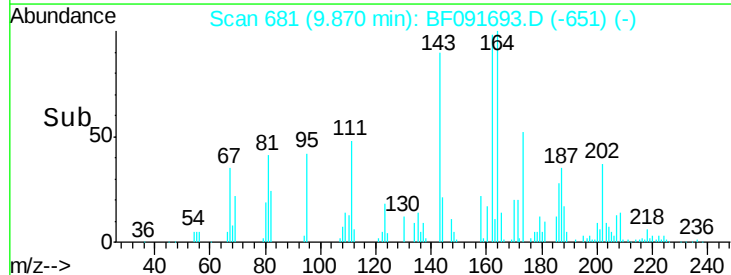
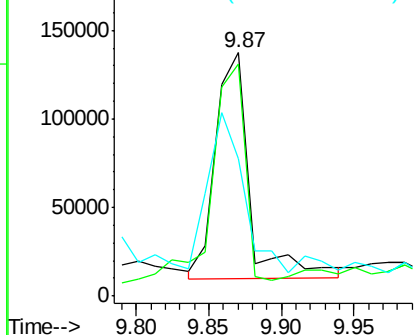


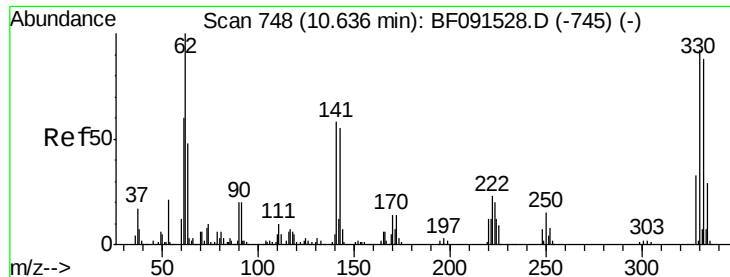
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.05 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion:164 Resp: 211040
Ion Ratio Lower Upper
164 100
162 95.3 82.6 124.0
160 56.4 36.7 55.1#



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

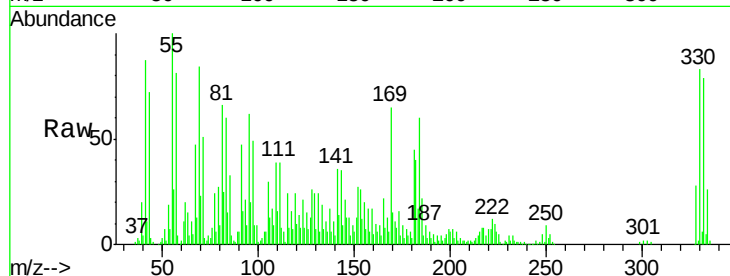




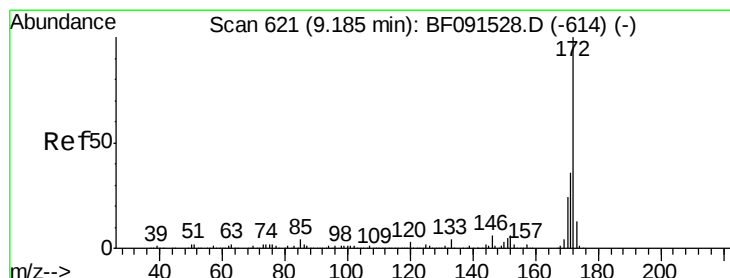
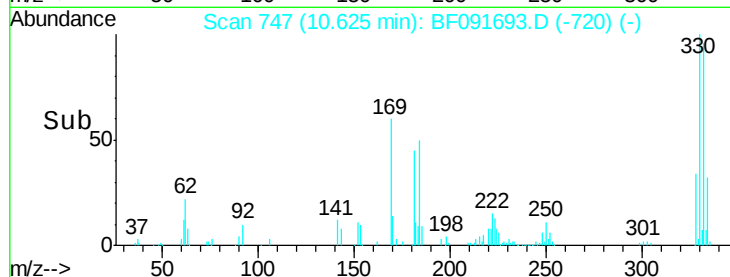
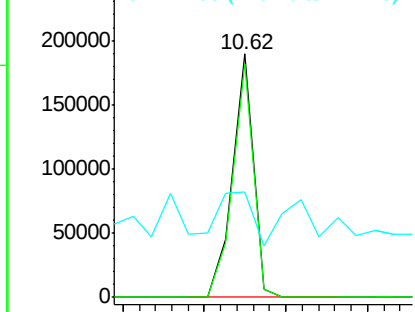
#41
 2,4,6-Tribromophenol
 Concen: 94.58 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(8-9.5)-12-14-16

Tot Ion:330 Resp: 165787
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 37.9 33.6 50.4

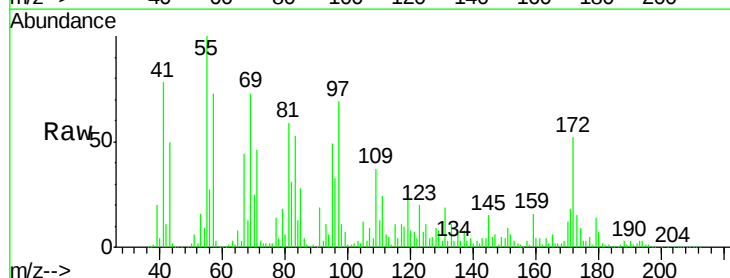


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

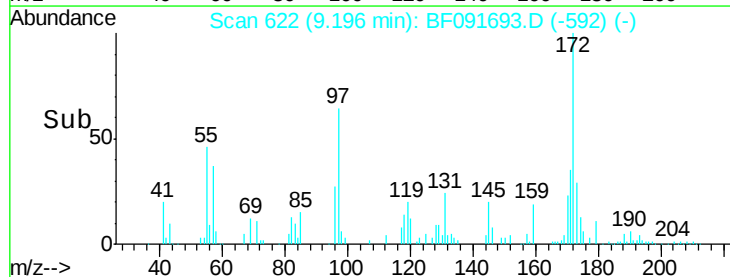
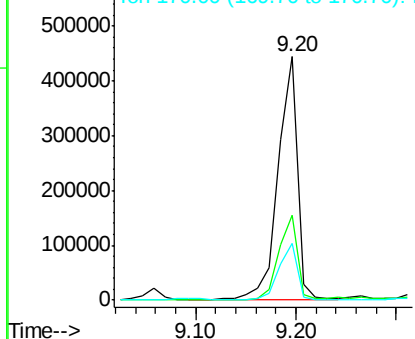


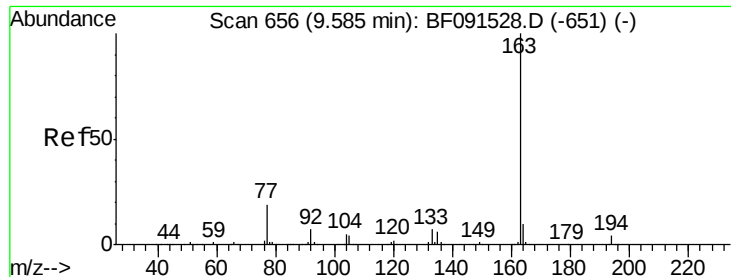
#44
 2-Fluorobiphenyl
 Concen: 48.68 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.05 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

Tgt Ion:172 Resp: 594557
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 23.2 19.7 29.5



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

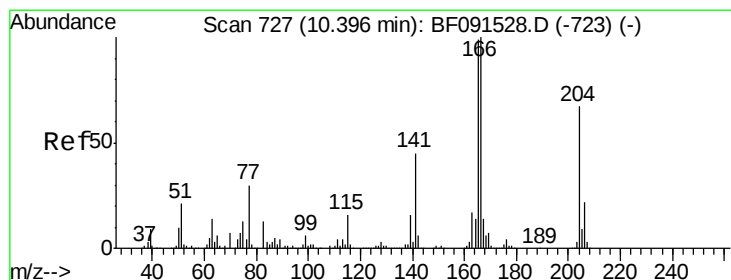
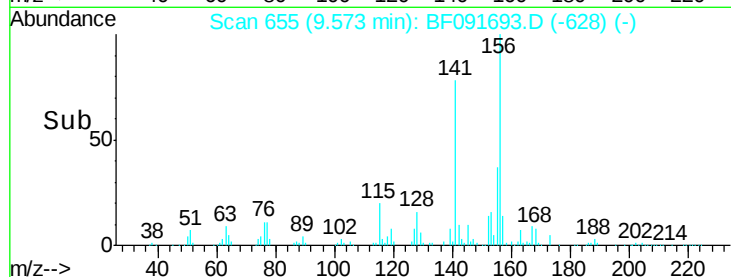
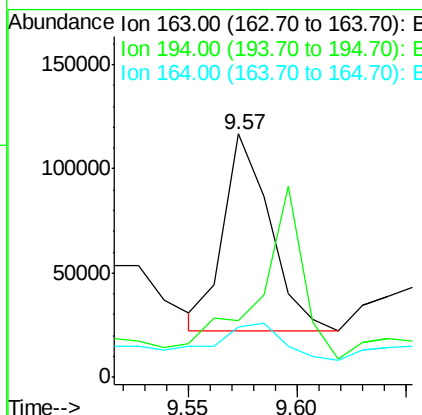
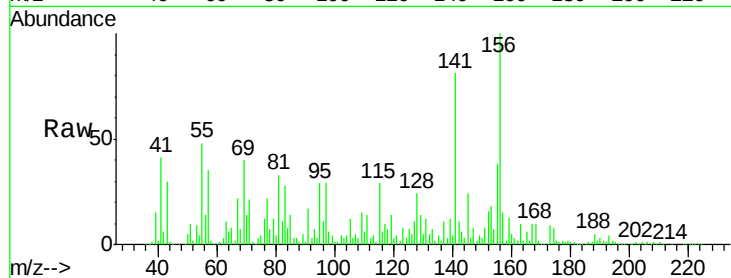




#49
Dimethylphthalate
Concen: 10.54 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

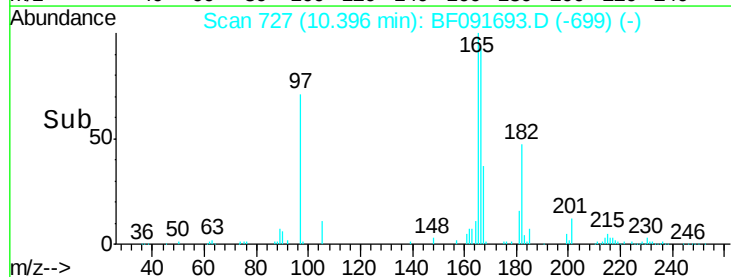
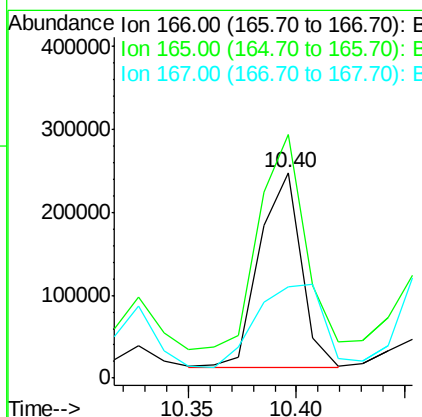
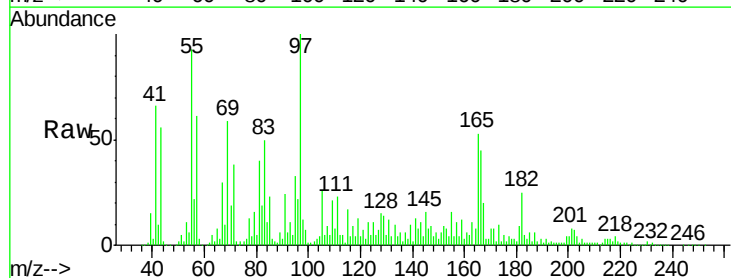
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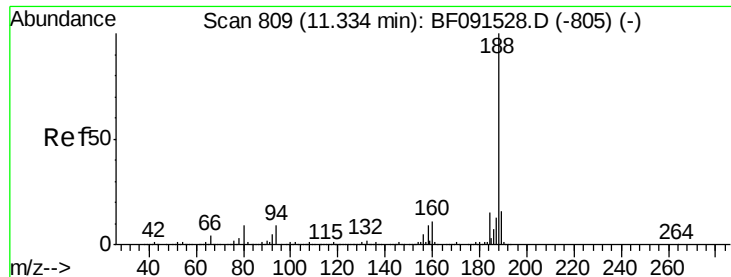
Tot Ion:163 Resp: 140859
Ion Ratio Lower Upper
163 100
194 23.3 3.0 4.4#
164 20.9 7.8 11.8#



#57
Fluorene
Concen: 26.65 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.02 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion:166 Resp: 317766
Ion Ratio Lower Upper
166 100
165 118.3 80.0 120.0
167 44.1 10.8 16.2#

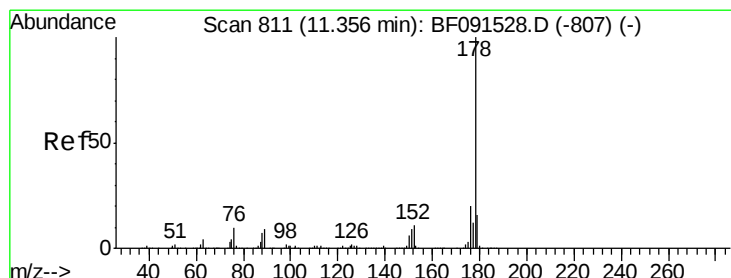
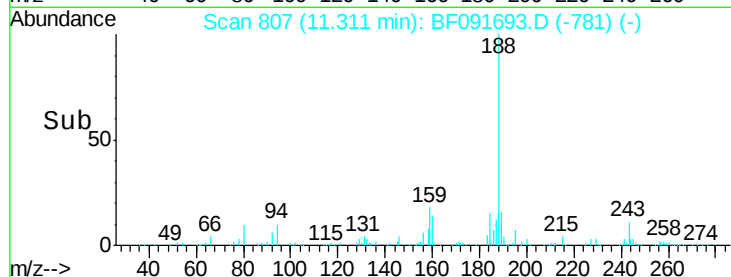
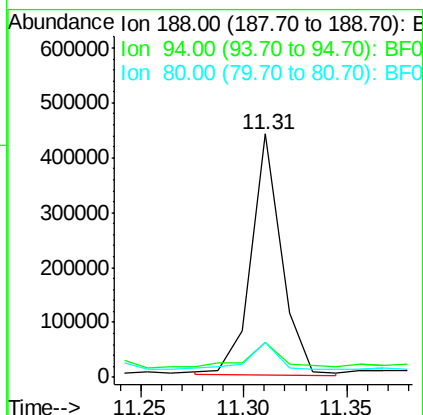
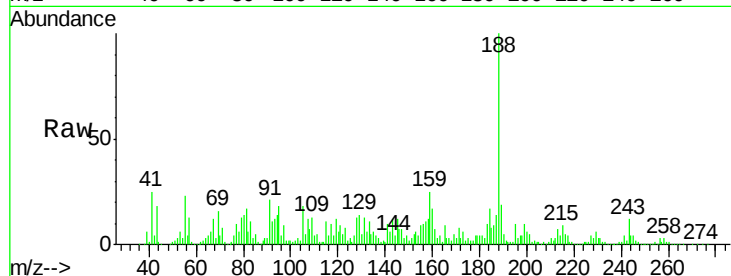




#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 11.31 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

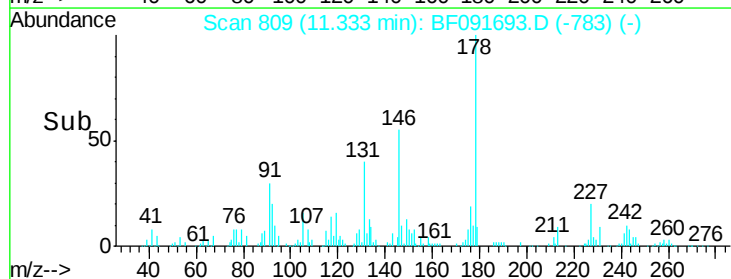
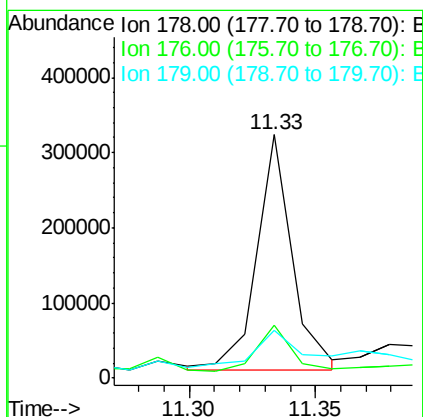
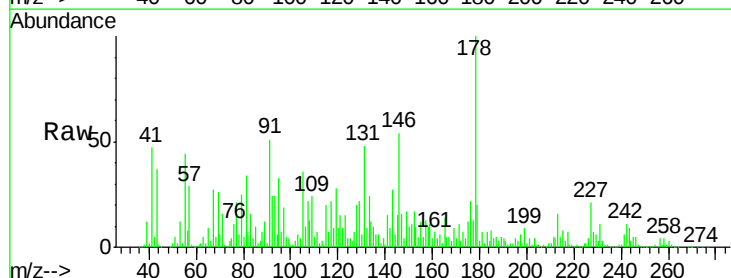
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SB-47(8-9.5)-12-14-16

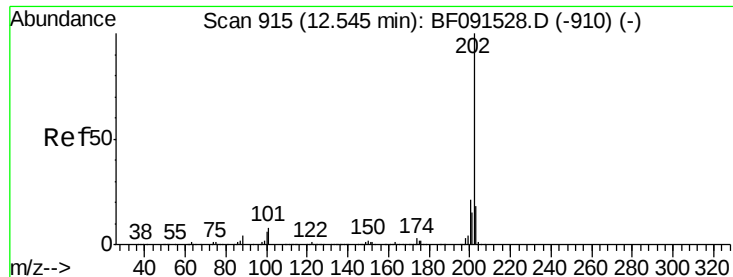
Tot Ion:188 Resp: 446207
Ion Ratio Lower Upper
188 100
94 14.4 9.2 13.8#
80 14.2 10.5 15.7



#70
Phenanthrene
Concen: 13.90 ng m
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion:178 Resp: 307211
Ion Ratio Lower Upper
178 100
176 21.9 15.9 23.9
179 19.7 12.6 18.8#





#74

Fluoranthene

Concen: 6.20 ng/mL

RT: 12.52 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

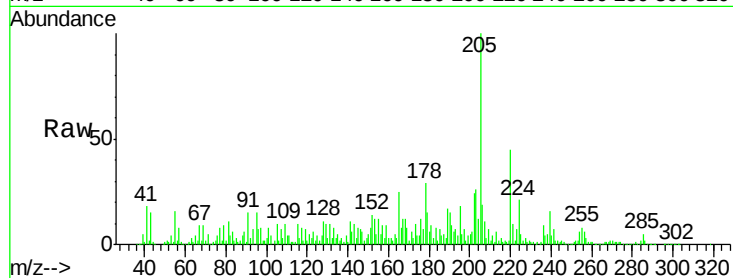
Tot Ion:202 Resp: 143371

Ion Ratio Lower Upper

202 100

101 34.3 0.0 29.5#

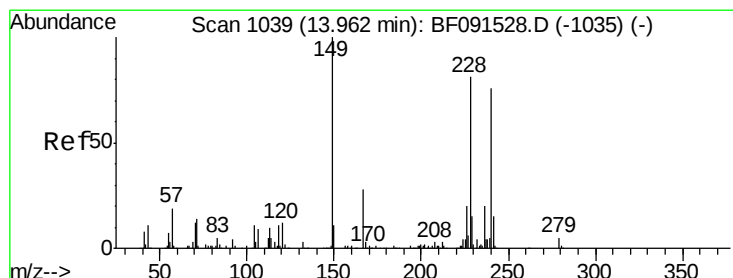
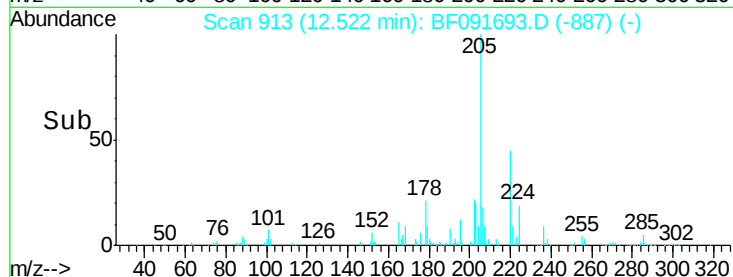
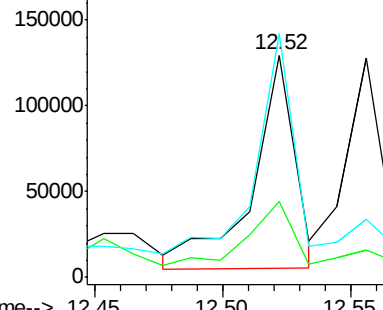
203 109.6 0.0 37.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng/mL

RT: 13.94 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

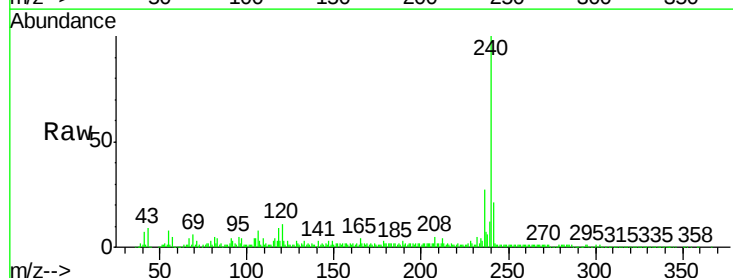
Tgt Ion:240 Resp: 475242

Ion Ratio Lower Upper

240 100

120 10.7 12.1 18.1#

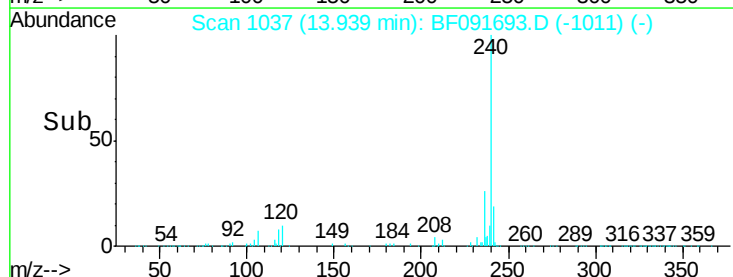
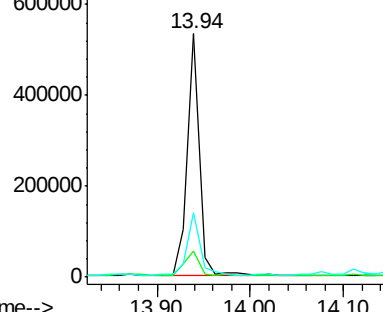
236 26.6 21.0 31.6

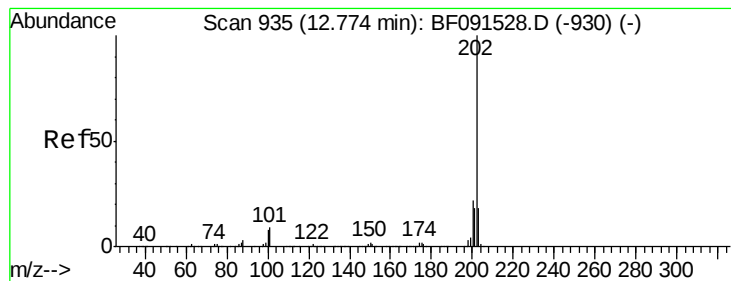


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.55 ng/mL

RT: 12.77 min Scan# 935

Delta R.T. 0.03 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

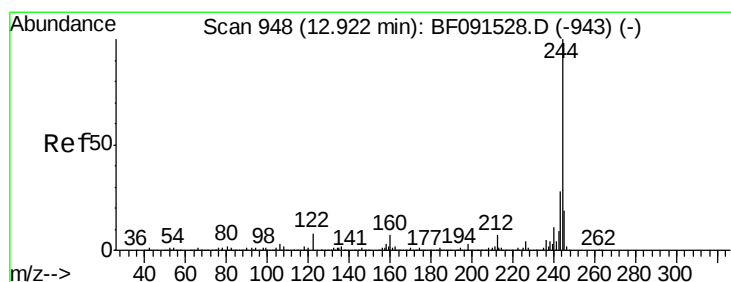
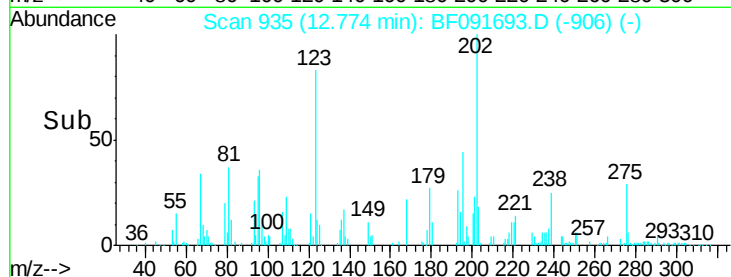
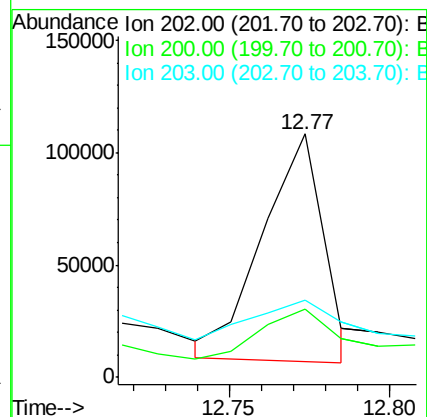
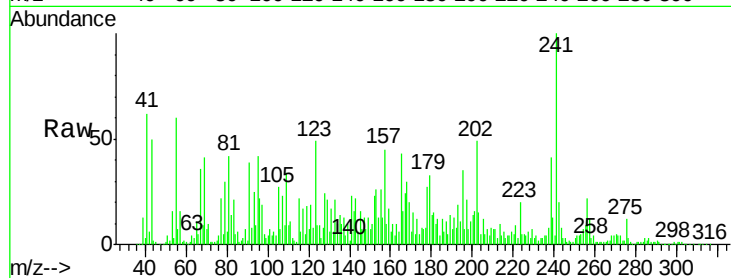
Tot Ion:202 Resp: 133897

Ion Ratio Lower Upper

202 100

200 28.0 17.6 26.4#

203 31.7 14.0 21.0#



#78

Terphenyl-d14

Concen: 42.92 ng/mL

RT: 12.91 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

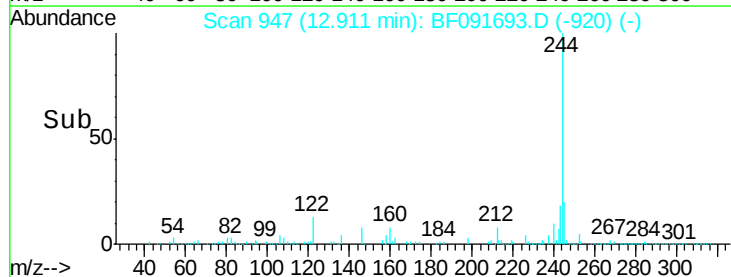
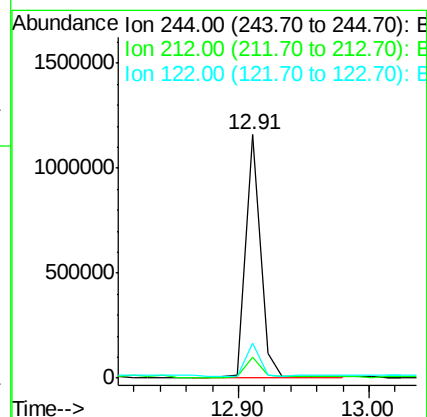
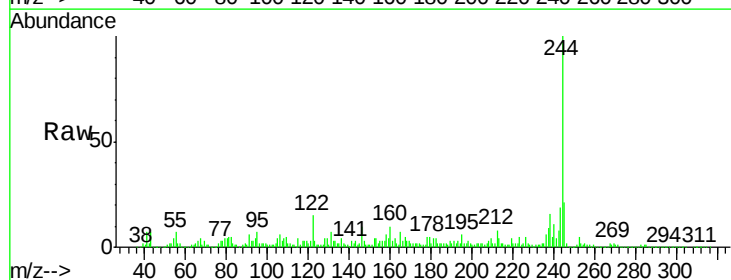
Tgt Ion:244 Resp: 898825

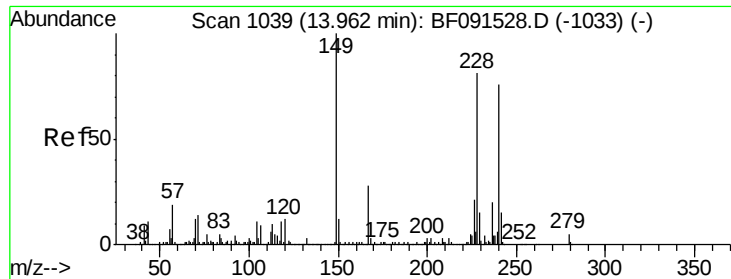
Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 14.6 9.5 14.3#

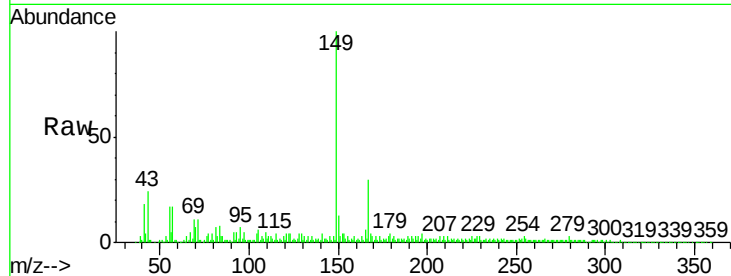




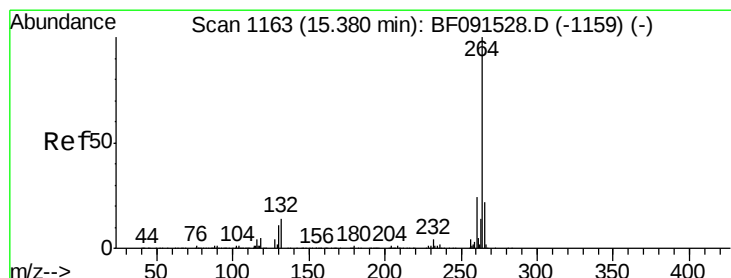
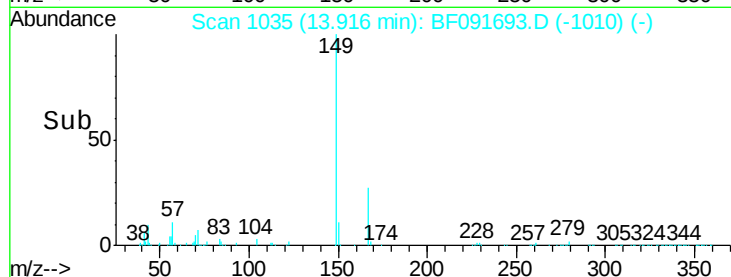
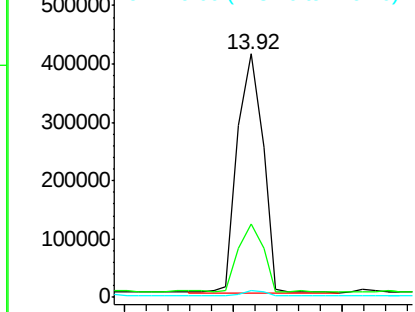
#83
Bis(2-ethylhexyl)phthalate
Concen: 35.34 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16

Tot Ion:149 Resp: 666454
Ion Ratio Lower Upper
149 100
167 30.3 19.6 29.4#
279 2.6 1.9 2.9

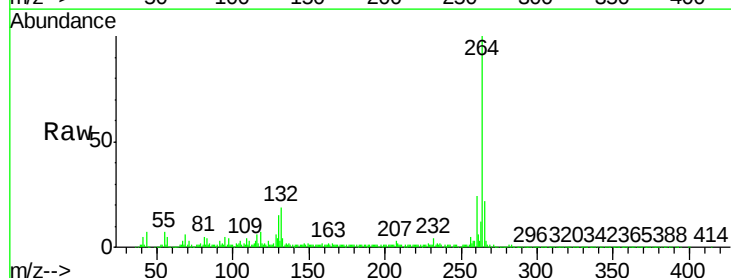


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion:264 Resp: 432931
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 22.3 17.0 25.6



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

