

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091684.D
 Acq On : 16 Dec 2016 20:32
 Operator : UM/SJ
 Sample : H6125-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46(22-24)-12-14-16

Quant Time: Dec 16 23:34:59 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

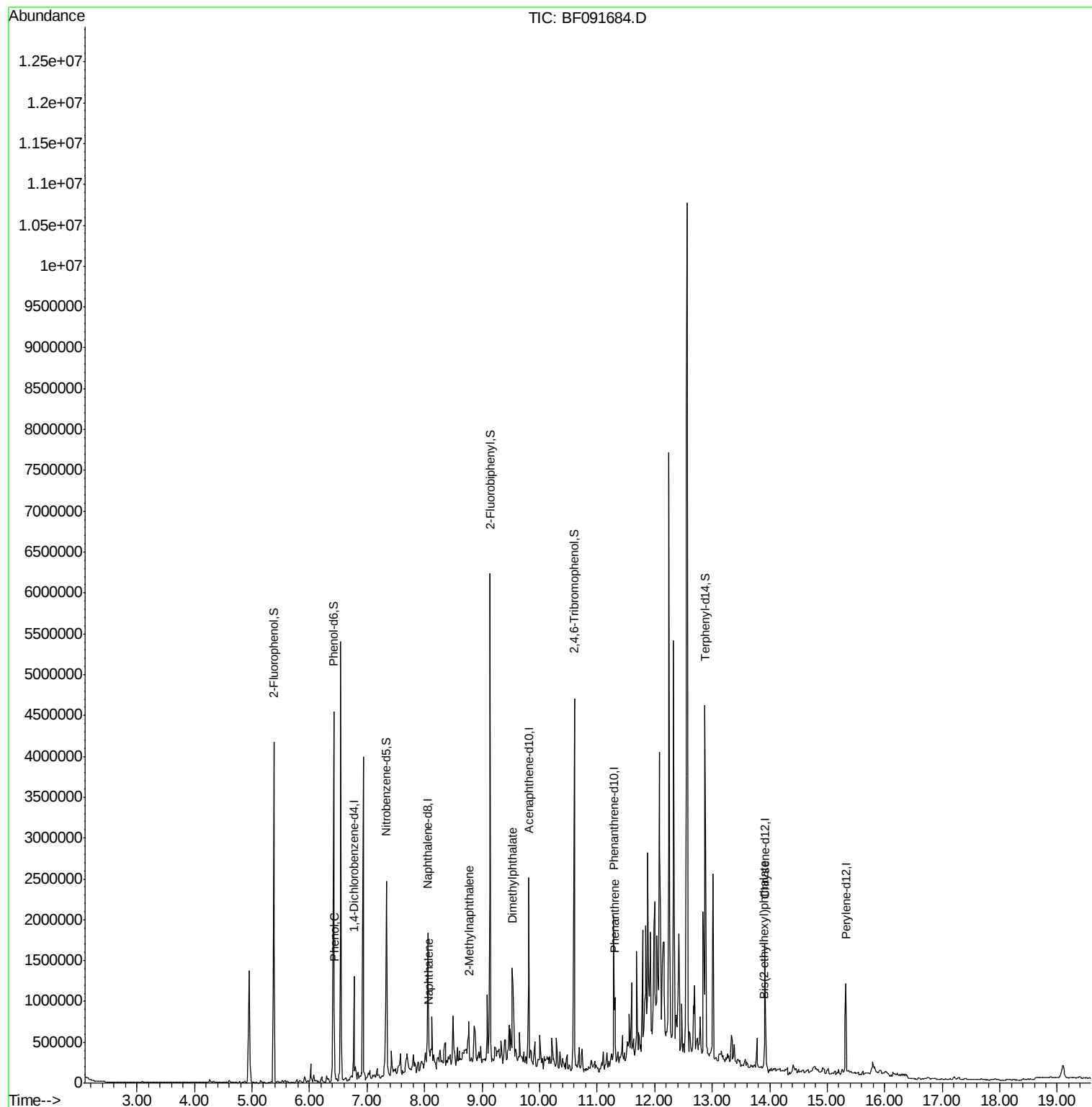
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	164657	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	848571	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	527425	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	713524	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	571766	20.00	ng	-0.02
86) Perylene-d12	15.32	264	502549	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1339493	137.05	ng	0.00
7) Phenol-d6	6.42	99	1624779	133.35	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1226748	80.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	566182	129.24	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1913318	62.68	ng	-0.01
78) Terphenyl-d14	12.88	244	1679016	66.63	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.43	94	102470	7.19	ng	93
31) Naphthalene	8.08	128	84181	2.13	ng	98
37) 2-Methylnaphthalene	8.77	142	159417	6.24	ng	98
49) Dimethylphthalate	9.53	163	499657	14.96	ng	98
70) Phenanthrene	11.31	178	331483	9.38	ng	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	53969	2.38	ng	# 90

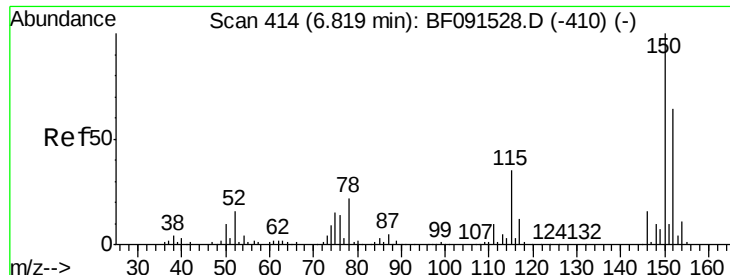
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-46(22-24)-12-14-16

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QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

Instrument :

BNA_F

ClientSampleId :

SB-46(22-24)-12-14-16

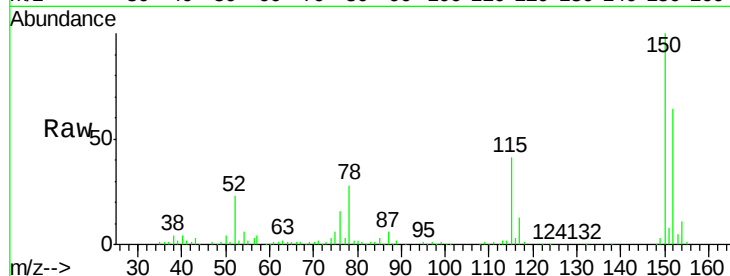
Tot Ion:152 Resp: 164657

Ion Ratio Lower Upper

152 100

150 156.7 122.5 183.7

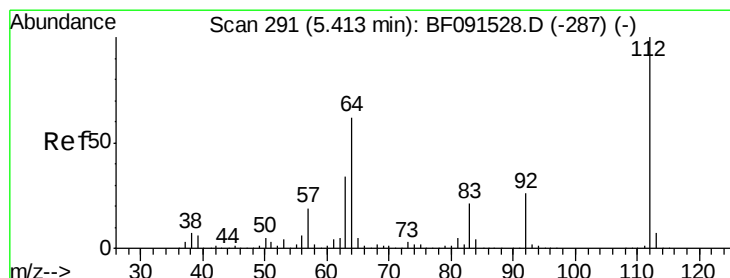
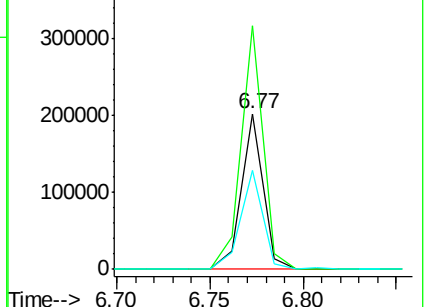
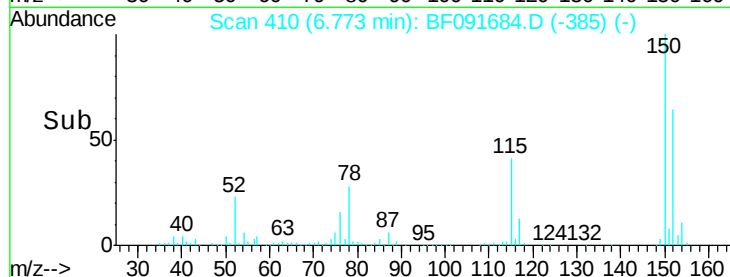
115 63.9 51.8 77.8



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: 137.05 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

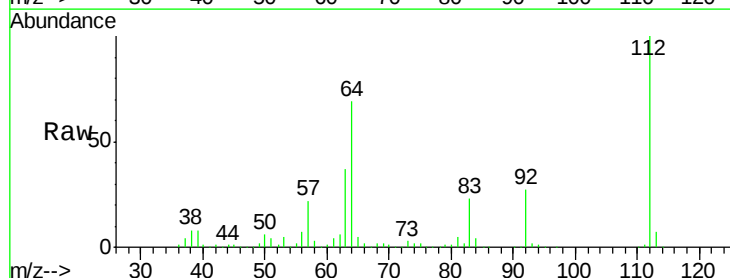
Tgt Ion:112 Resp: 1339493

Ion Ratio Lower Upper

112 100

64 69.1 61.5 92.3

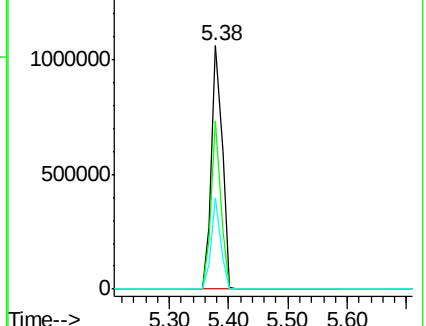
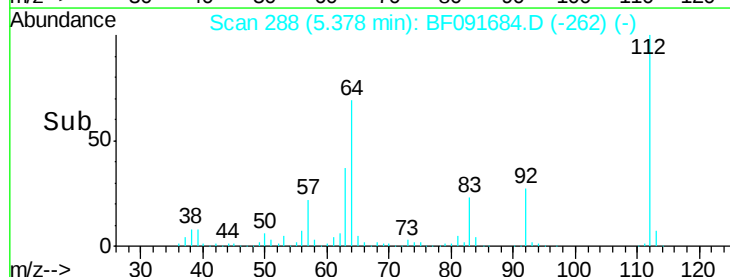
63 37.3 33.3 49.9

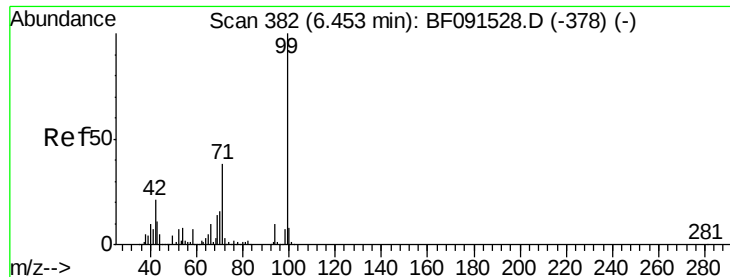


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.35 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

Instrument :

BNA_F

ClientSampleId :

SB-46(22-24)-12-14-16

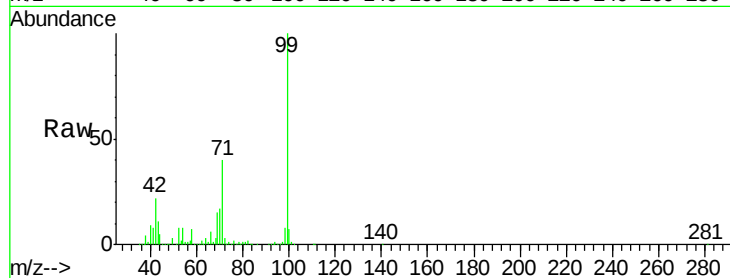
Tot Ion: 99 Resp: 1624779

Ion Ratio Lower Upper

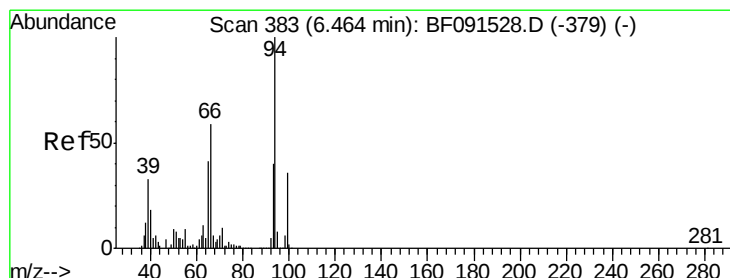
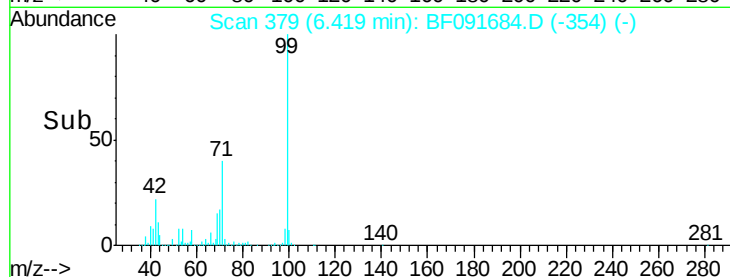
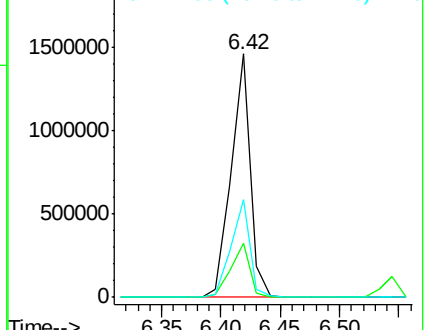
99 100

42 22.4 20.6 31.0

71 40.0 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: 7.19 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

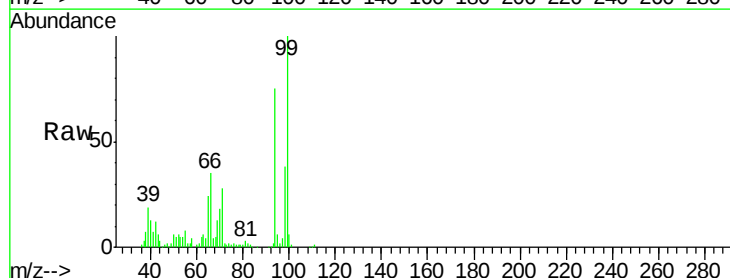
Tgt Ion: 94 Resp: 102470

Ion Ratio Lower Upper

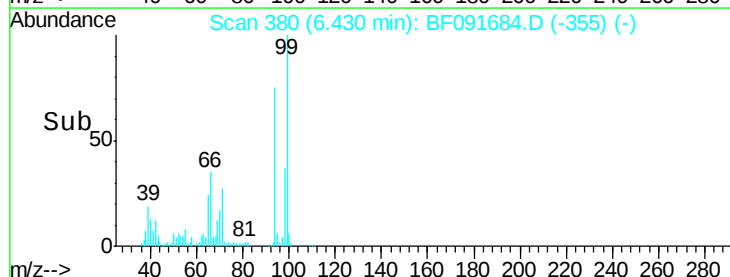
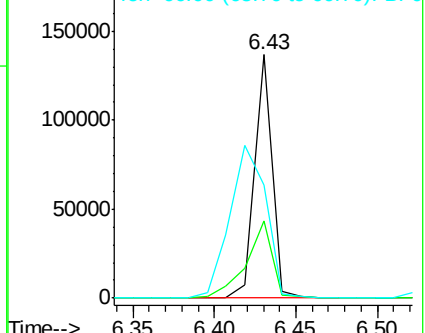
94 100

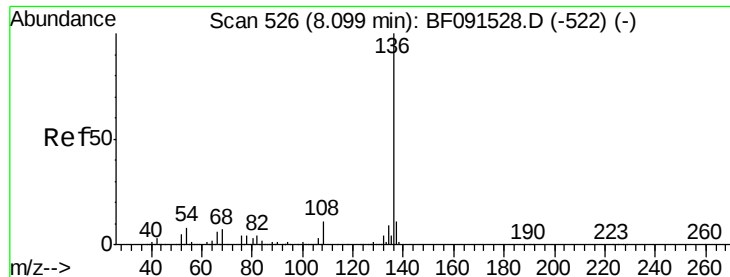
65 31.6 16.9 56.9

66 46.6 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: 8.05 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

Instrument :

BNA_F

ClientSampleId :

SB-46(22-24)-12-14-16

Tot Ion:136 Resp: 848571

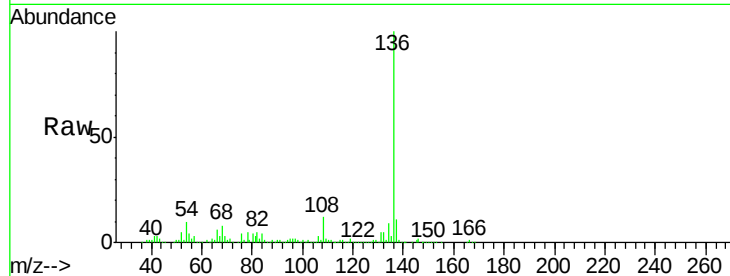
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 10.0 9.1 13.7

68 7.8 5.9 8.9

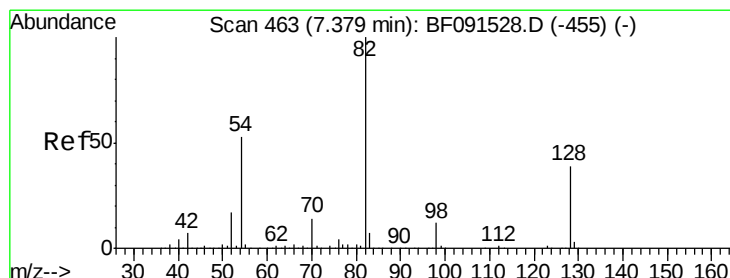
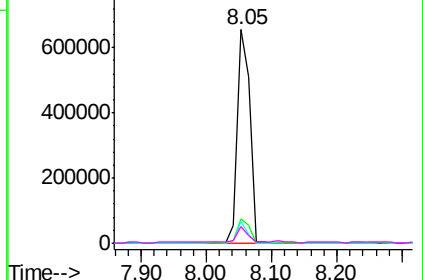
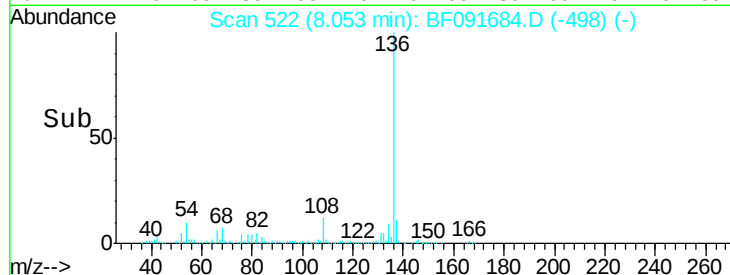


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.69 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

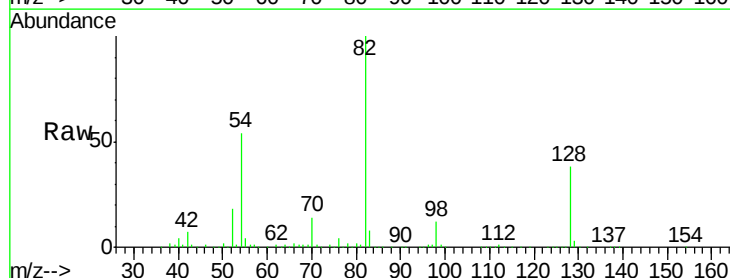
Tgt Ion: 82 Resp: 1226748

Ion Ratio Lower Upper

82 100

128 37.7 31.8 47.6

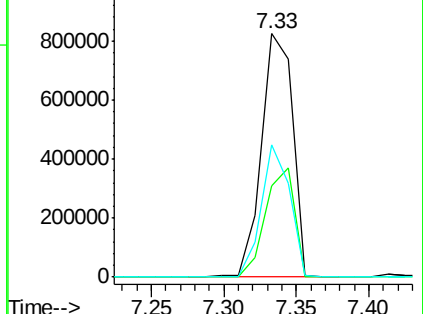
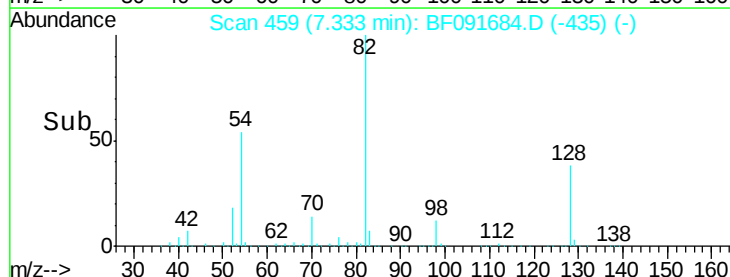
54 54.2 49.1 73.7

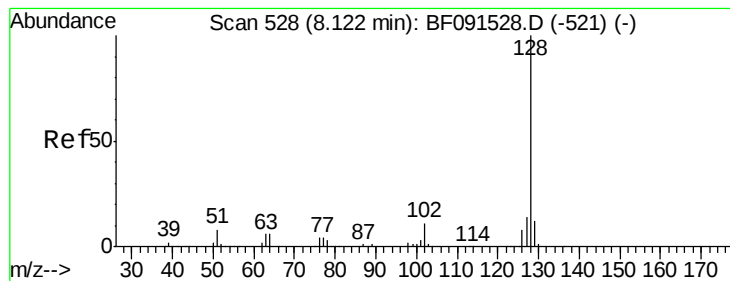


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.13 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

Instrument :

BNA_F

ClientSampleId :

SB-46(22-24)-12-14-16

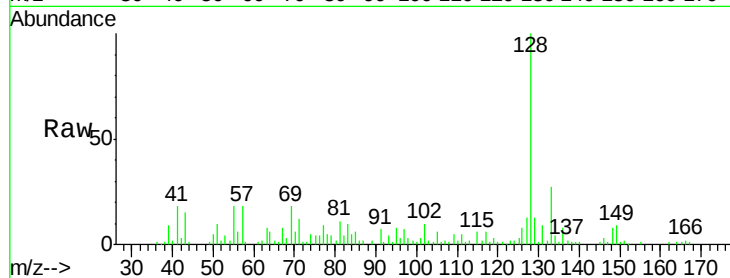
Tot Ion:128 Resp: 84181

Ion Ratio Lower Upper

128 100

129 12.7 9.1 13.7

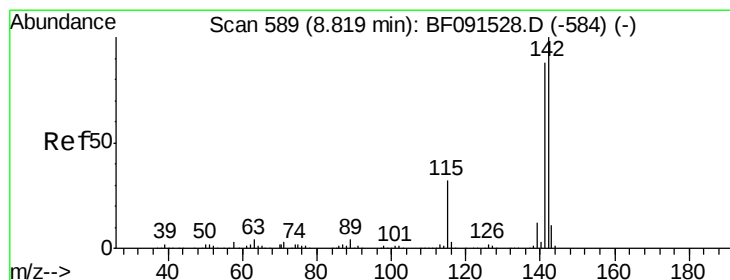
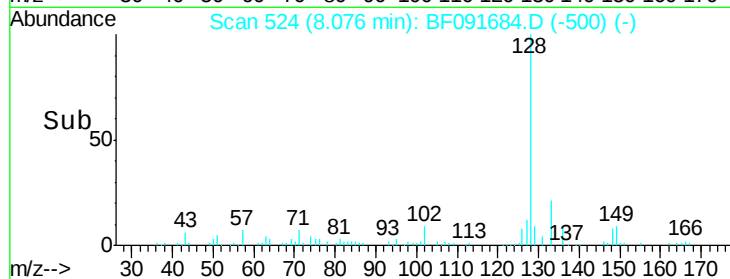
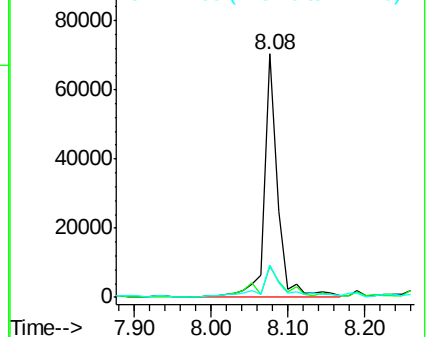
127 13.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 6.24 ng

RT: 8.77 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

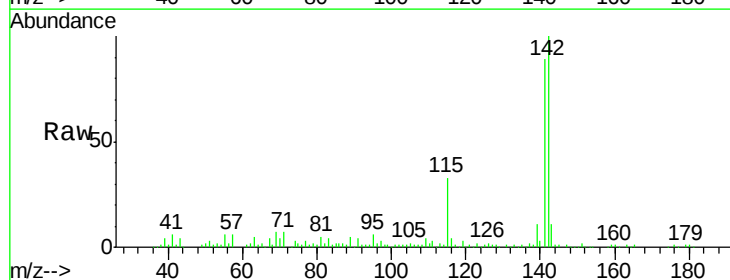
Tgt Ion:142 Resp: 159417

Ion Ratio Lower Upper

142 100

141 88.6 71.7 107.5

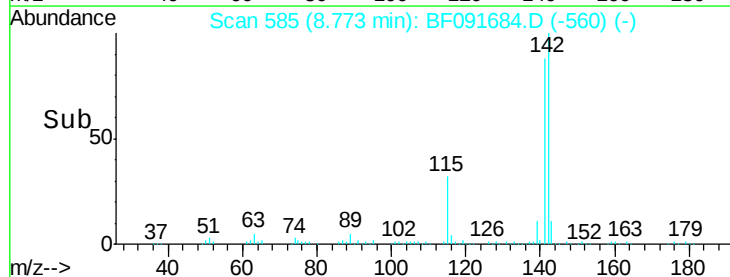
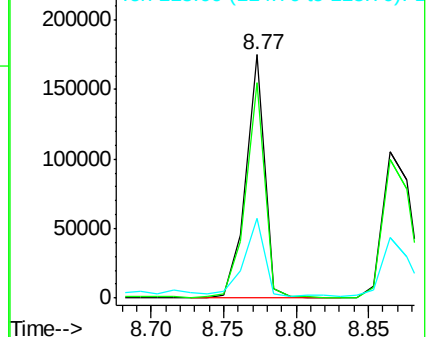
115 32.8 25.0 37.6

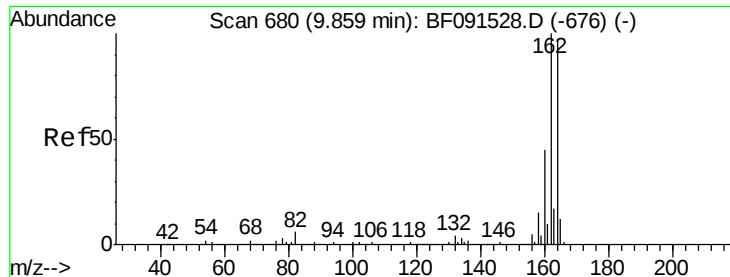


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

Instrument :

BNA_F

ClientSampleId :

SB-46(22-24)-12-14-16

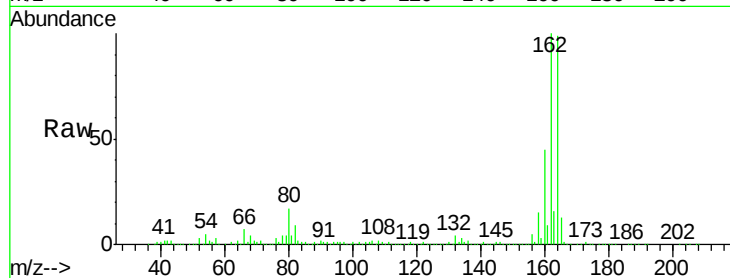
Tot Ion:164 Resp: 527425

Ion Ratio Lower Upper

164 100

162 100.5 82.6 124.0

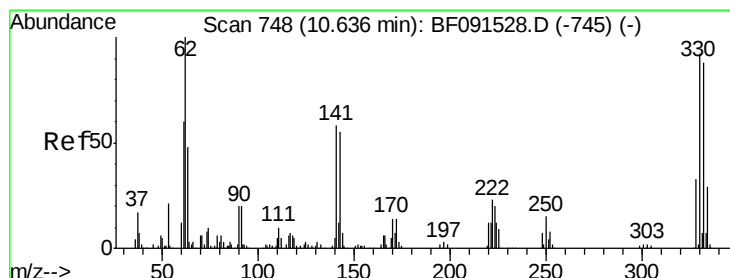
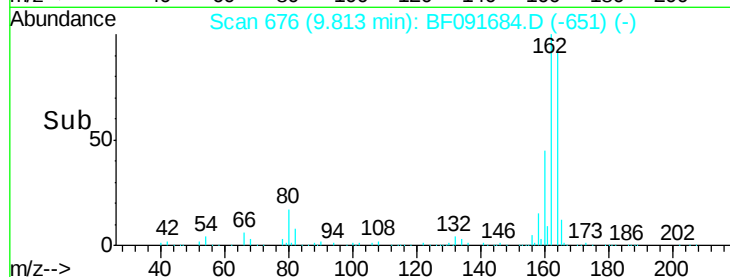
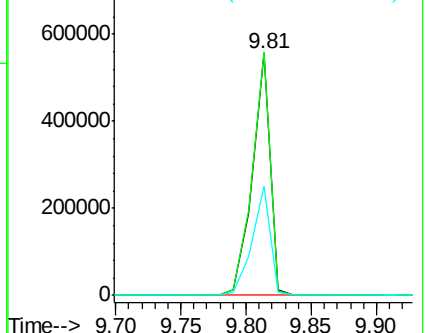
160 45.3 36.7 55.1



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: 129.24 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

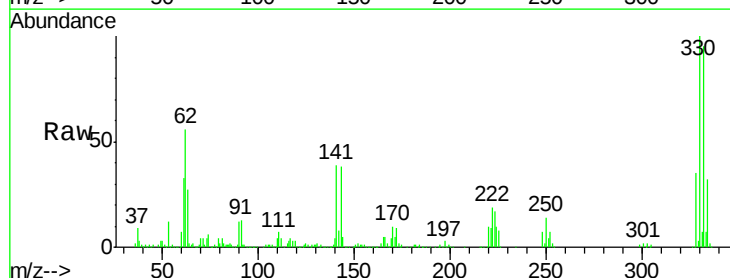
Tgt Ion:330 Resp: 566182

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

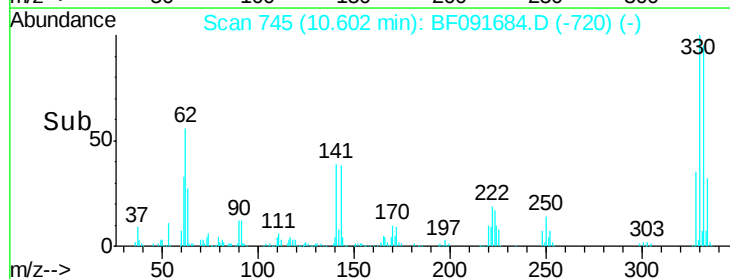
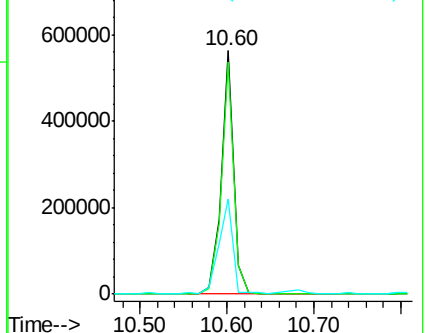
141 43.0 33.6 50.4

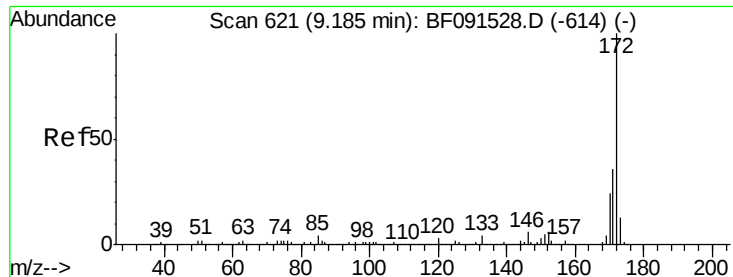


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 62.68 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

Instrument :

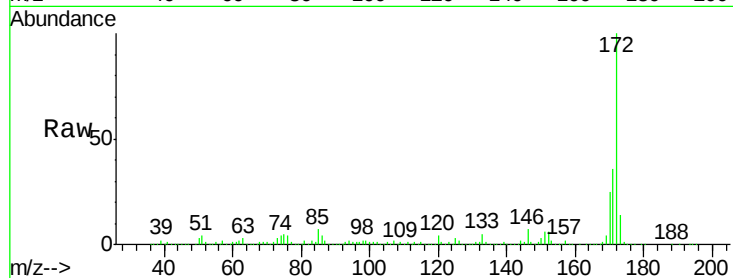
BNA_F

ClientSampleId :

SB-46(22-24)-12-14-16

Tot Ion:172 Resp: 1913318

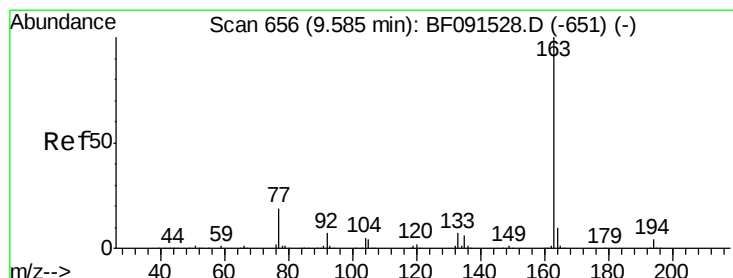
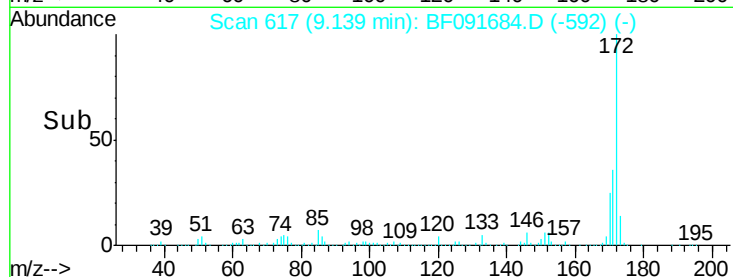
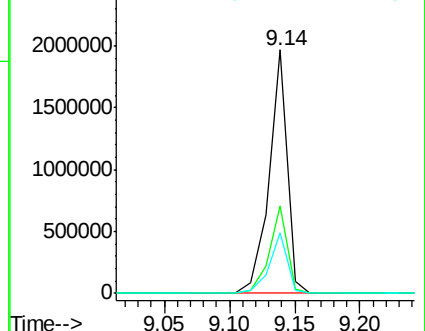
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	25.0	19.7	29.5



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: 14.96 ng

RT: 9.53 min Scan# 651

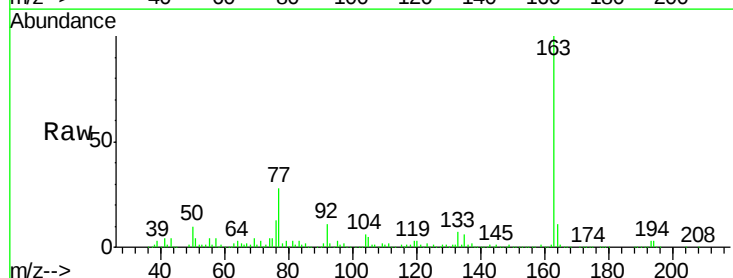
Delta R.T. -0.03 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

Tgt Ion:163 Resp: 499657

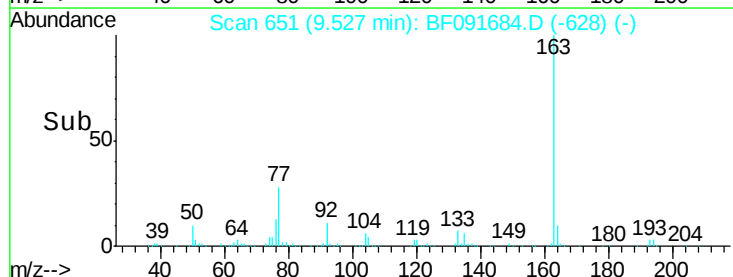
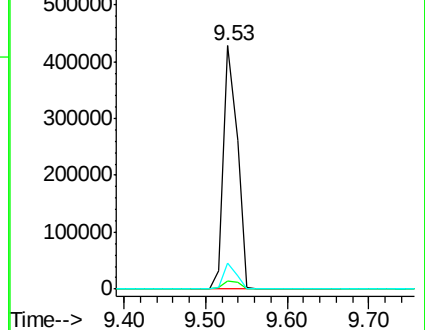
Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.5	7.8	11.8

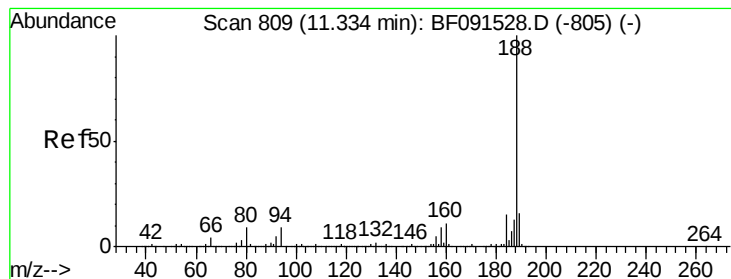


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.29 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

Instrument :

BNA_F

ClientSampleId :

SB-46(22-24)-12-14-16

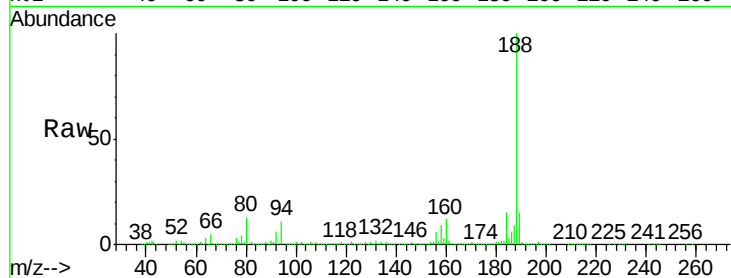
Tot Ion:188 Resp: 713524

Ion Ratio Lower Upper

188 100

94 11.3 9.2 13.8

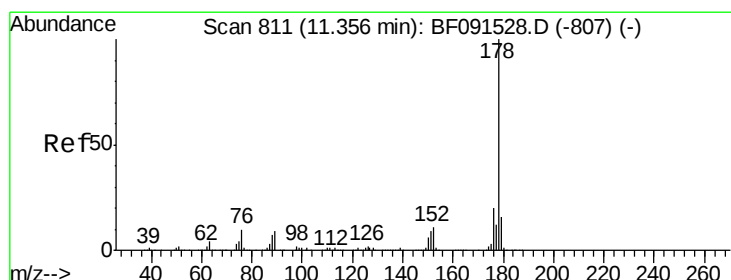
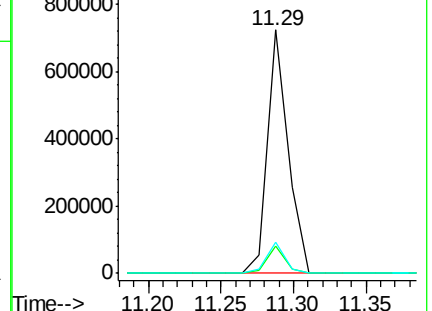
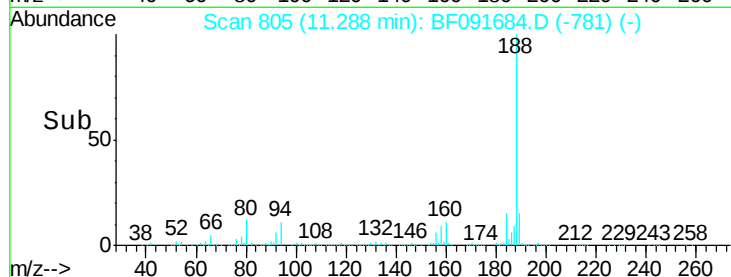
80 12.5 10.5 15.7



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



#70

Phenanthrene

Concen: 9.38 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF091684.D

Acq: 16 Dec 2016 20:32

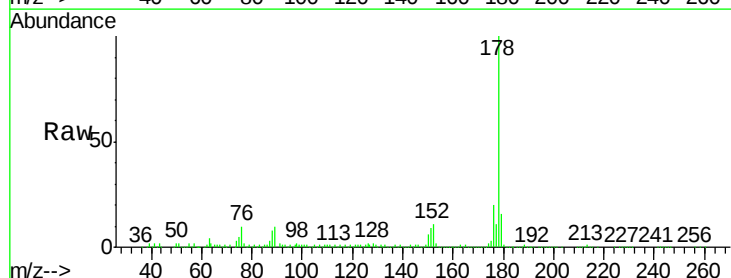
Tgt Ion:178 Resp: 331483

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

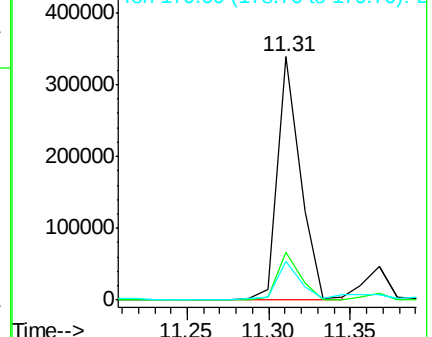
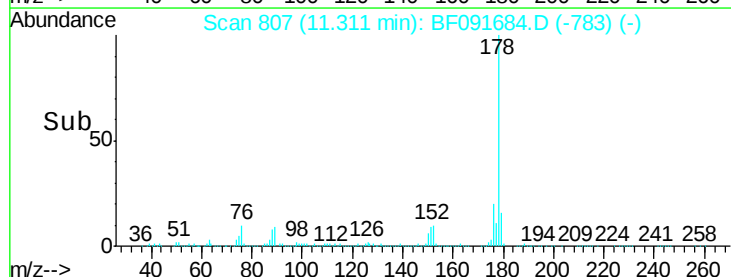
179 15.8 12.6 18.8

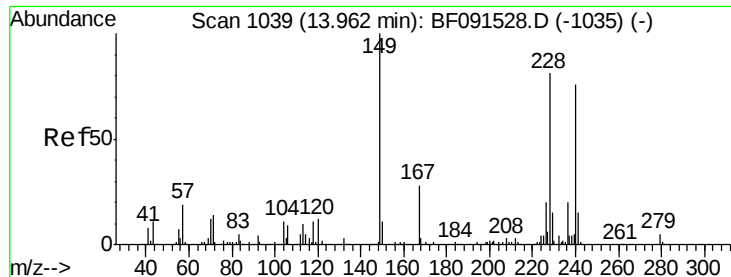


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

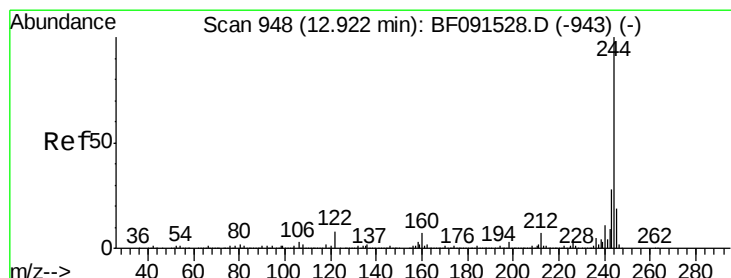
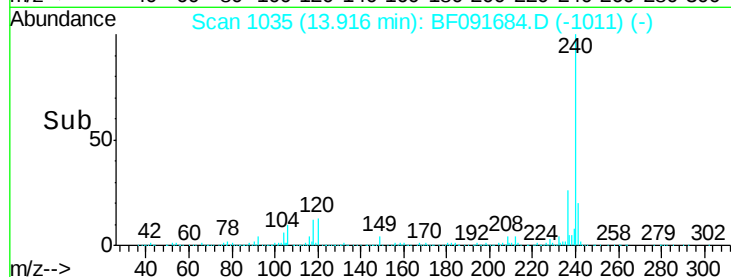
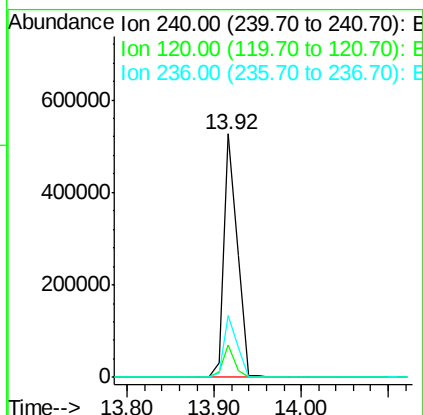
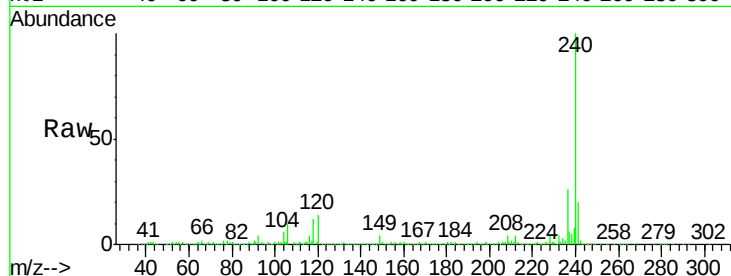




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.02 min
 Lab File: BF091684.D
 Acq: 16 Dec 2016 20:32

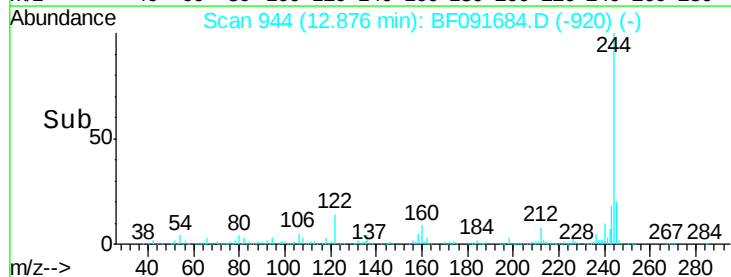
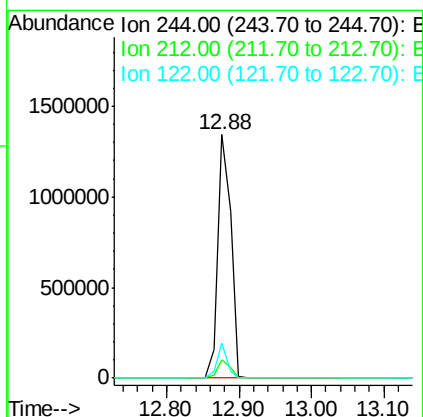
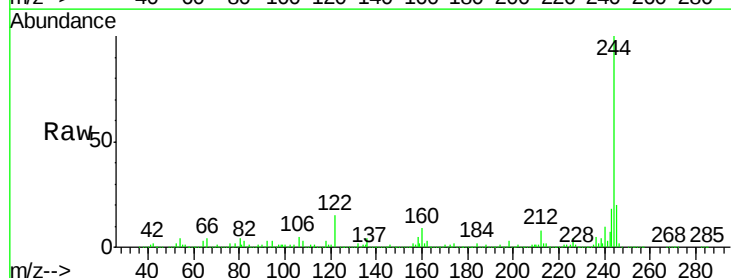
Instrument :
 BNA_F
 ClientSampleId :
 SB-46(22-24)-12-14-16

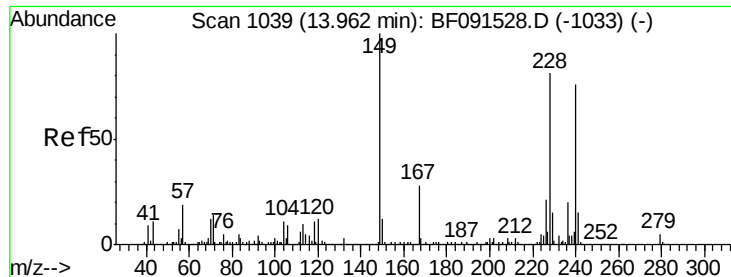
Tot Ion:240 Resp: 571766
 Ion Ratio Lower Upper
 240 100
 120 13.5 12.1 18.1
 236 25.6 21.0 31.6



#78
 Terphenyl-d14
 Concen: 66.63 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF091684.D
 Acq: 16 Dec 2016 20:32

Tgt Ion:244 Resp: 1679016
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 14.5 9.5 14.3#

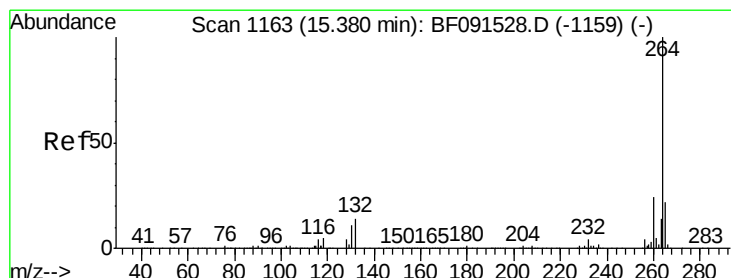
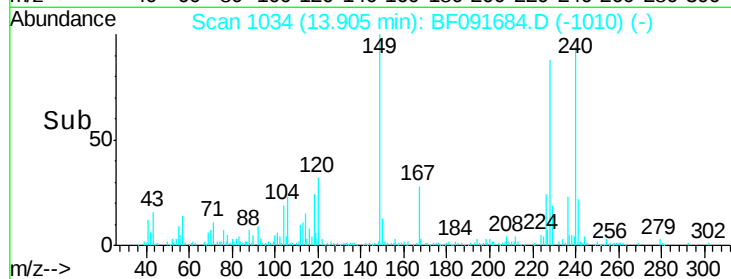
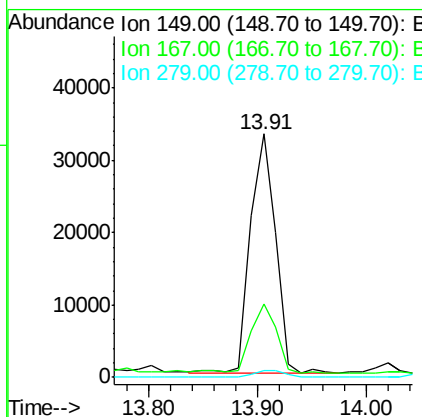
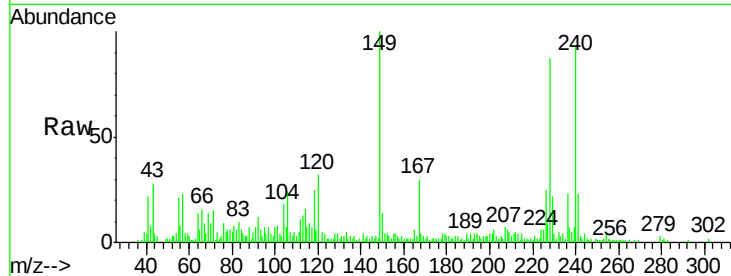




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.38 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF091684.D
 Acq: 16 Dec 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-46(22-24)-12-14-16

Tot Ion:149 Resp: 53969
 Ion Ratio Lower Upper
 149 100
 167 30.1 19.6 29.4#
 279 2.8 1.9 2.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF091684.D
 Acq: 16 Dec 2016 20:32

Tgt Ion:264 Resp: 502549
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.6 17.0 25.6

