

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091695.D
 Acq On : 17 Dec 2016 1:35
 Operator : UM/SJ
 Sample : H6125-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(10-12)-12-14-16

Quant Time: Dec 19 13:15:12 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

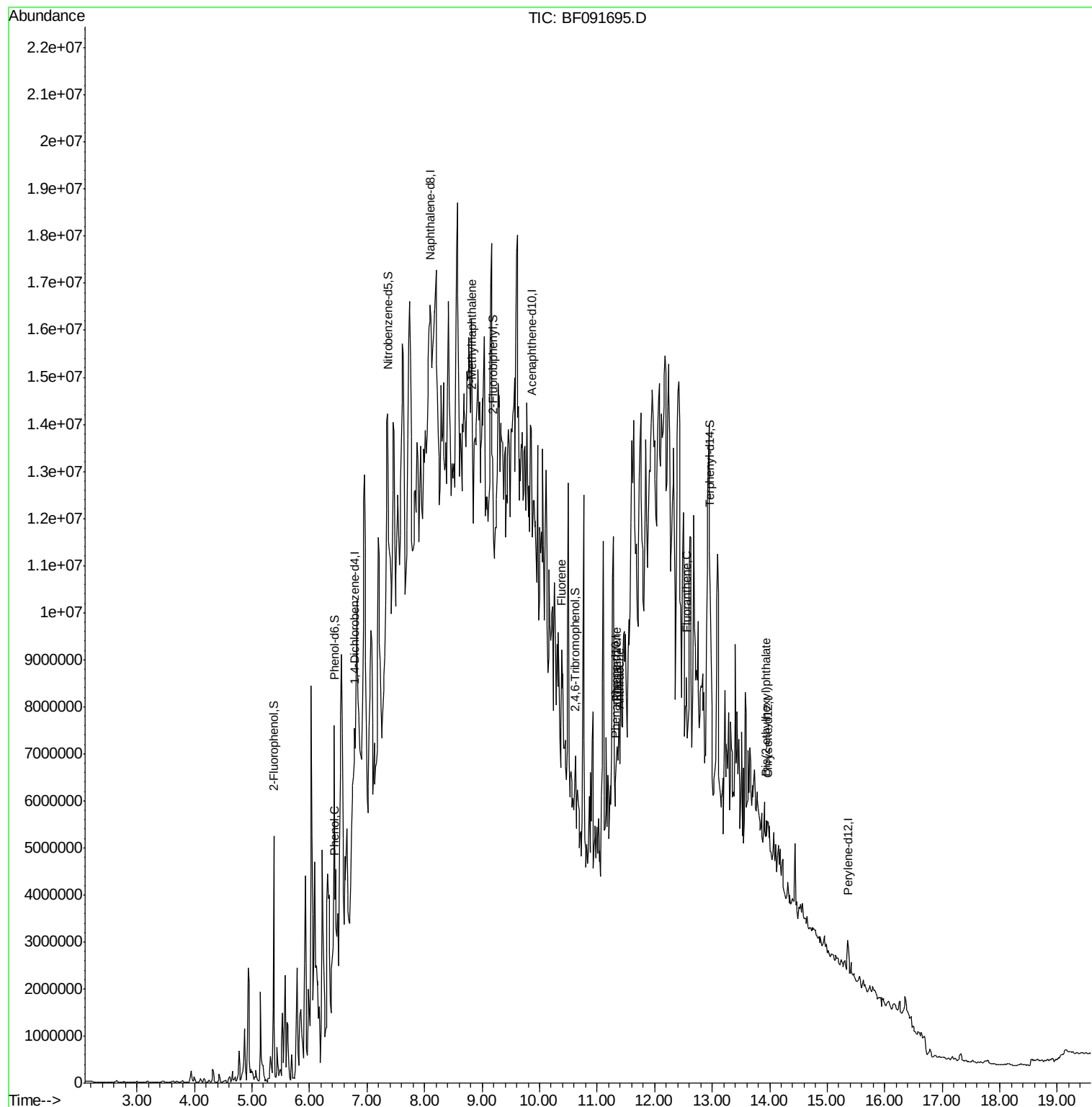
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	193183	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	459928	20.00	ng	0.02
38) Acenaphthene-d10	9.86	164	206234	20.00	ng	0.03
63) Phenanthrene-d10	11.32	188	434861	20.00	ng	0.01
75) Chrysene-d12	13.97	240	385626	20.00	ng	0.03
86) Perylene-d12	15.36	264	323568	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1503339	131.11	ng	0.00
7) Phenol-d6	6.43	99	1948649	136.32	ng	0.00
23) Nitrobenzene-d5	7.36	82	1121353	136.08	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	260559	152.11	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	624683	52.34	ng	0.03
78) Terphenyl-d14	12.96	244	791000	46.55	ng	0.06
Target Compounds						
10) Phenol	6.44	94	114147	6.83	ng	Qvalue 89
37) 2-Methylnaphthalene	8.83	142	188425	13.60	ng	# 76
57) Fluorene	10.38	166	162209	11.25	ng	# 69
70) Phenanthrene	11.34	178	224312	10.42	ng	# 88
71) Anthracene	11.39	178	69032	2.97	ng	# 42
74) Fluoranthene	12.56	202	102200m	4.53	ng	
83) Bis(2-ethylhexyl)phthalate	13.94	149	208836	13.65	ng	# 48

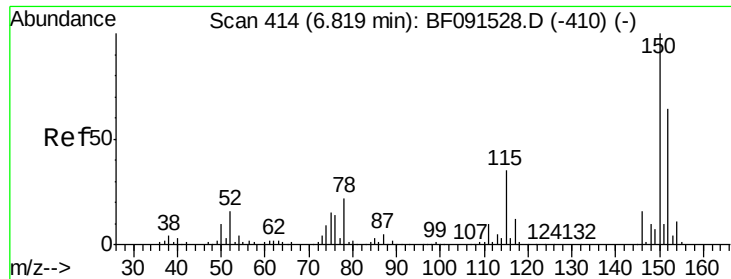
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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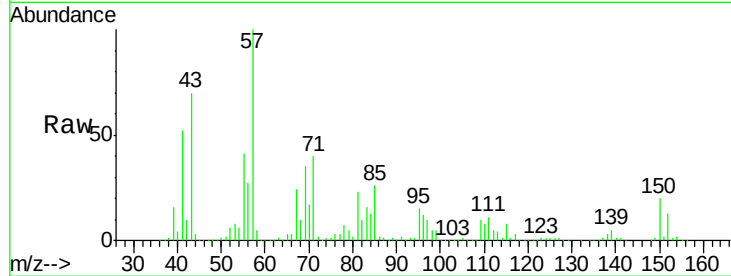


#1

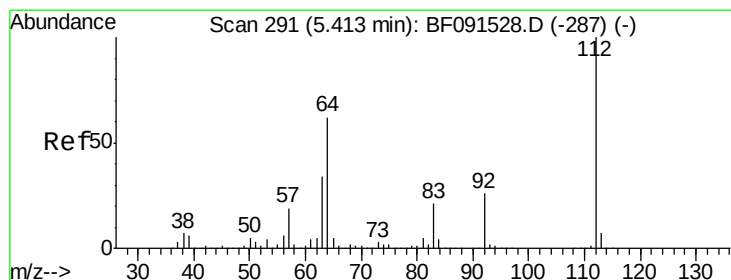
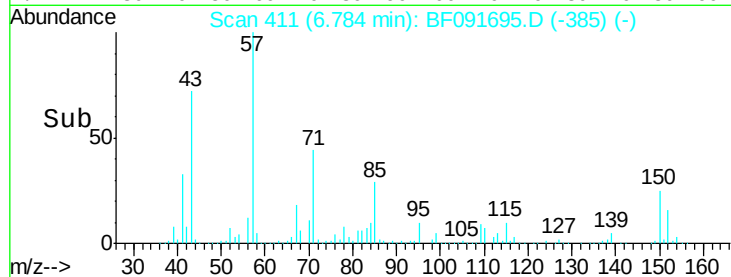
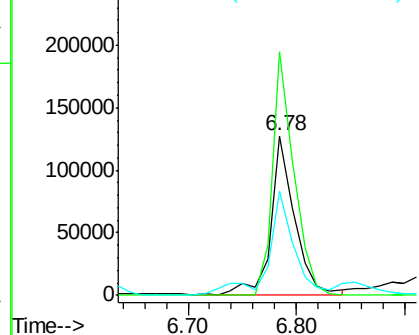
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

Tot Ion:152 Resp: 193183
Ion Ratio Lower Upper
152 100
150 153.0 122.5 183.7
115 65.0 51.8 77.8



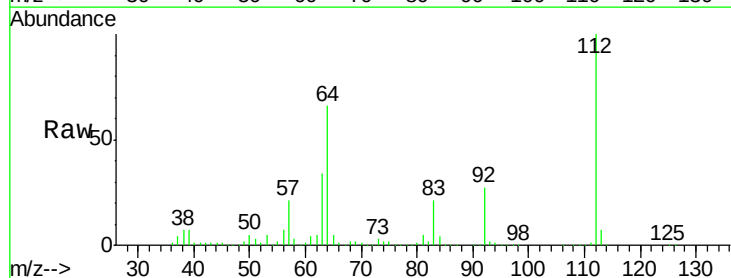
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



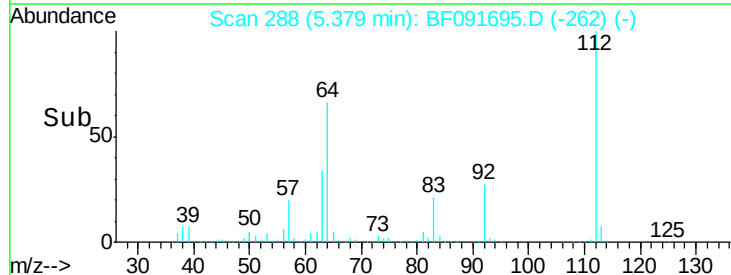
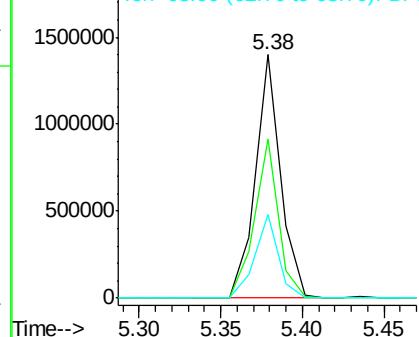
#5

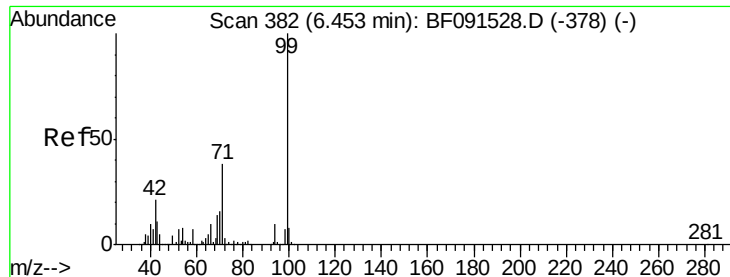
2-Fluorophenol
Concen: 131.11 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion:112 Resp: 1503339
Ion Ratio Lower Upper
112 100
64 65.5 61.5 92.3
63 34.2 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: 136.32 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091695.D

Acq: 17 Dec 2016 1:35

Instrument :

BNA_F

ClientSampleId :

SB-45(10-12)-12-14-16

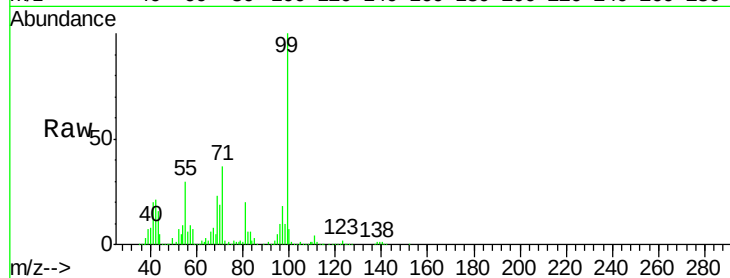
Tot Ion: 99 Resp: 1948649

Ion Ratio Lower Upper

99 100

42 20.7 20.6 31.0

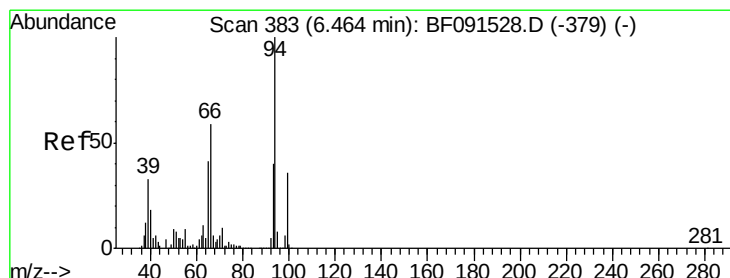
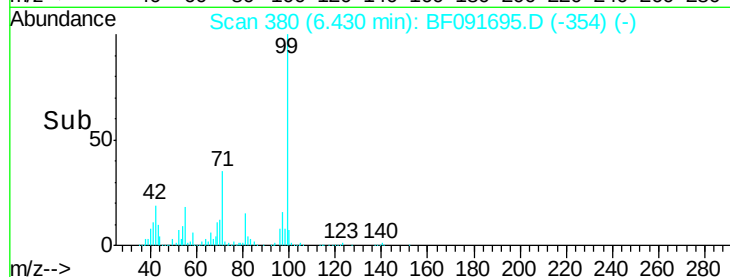
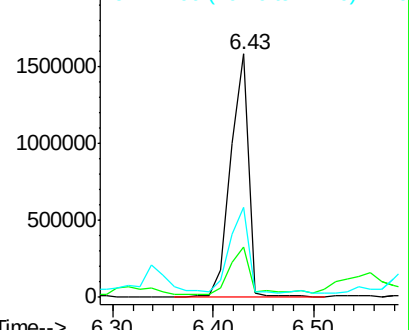
71 37.1 29.9 44.9



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: 6.83 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091695.D

Acq: 17 Dec 2016 1:35

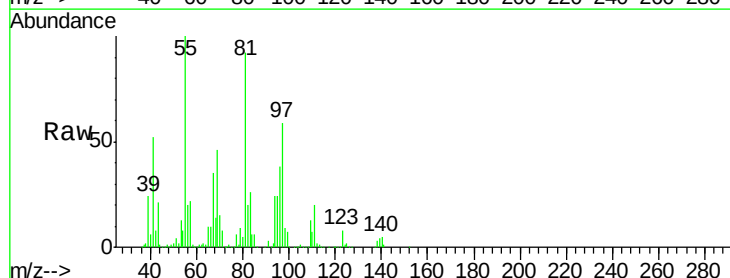
Tgt Ion: 94 Resp: 114147

Ion Ratio Lower Upper

94 100

65 42.4 16.9 56.9

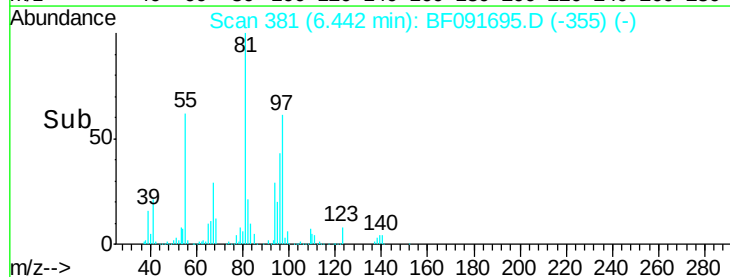
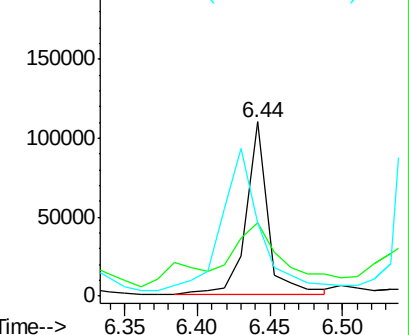
66 41.9 30.6 70.6

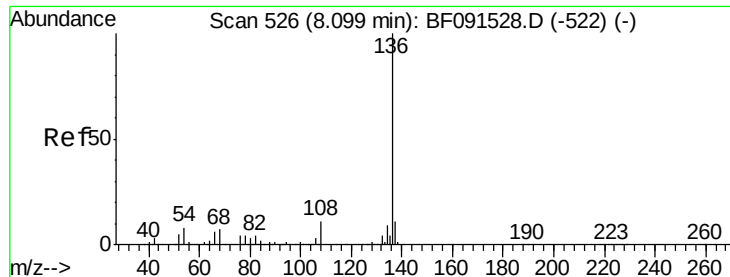


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.10 min Scan# 526

Delta R.T. 0.02 min

Lab File: BF091695.D

Acq: 17 Dec 2016 1:35

Instrument :

BNA_F

ClientSampleId :

SB-45(10-12)-12-14-16

Tot Ion:136 Resp: 459928

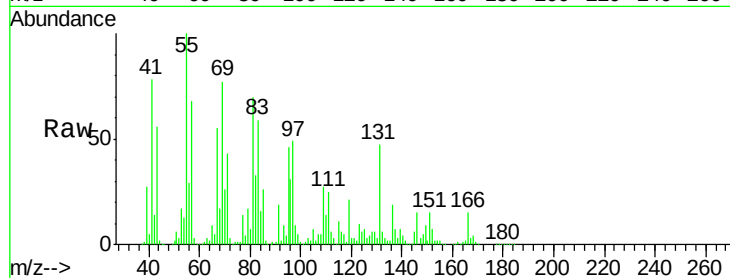
Ion Ratio Lower Upper

136 100

137 33.9 9.1 13.7#

54 67.6 9.1 13.7#

68 88.4 5.9 8.9#

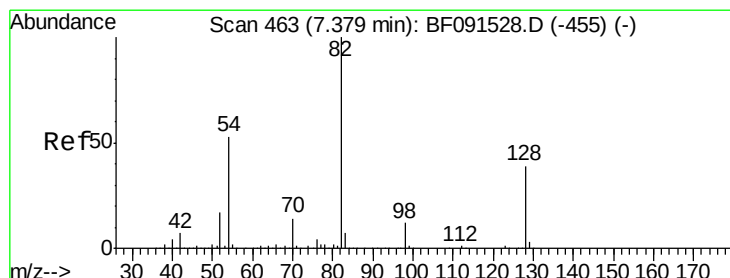
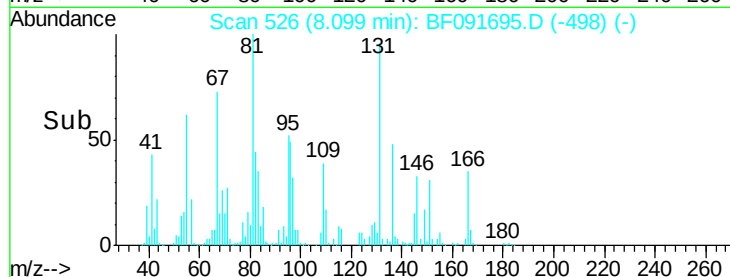
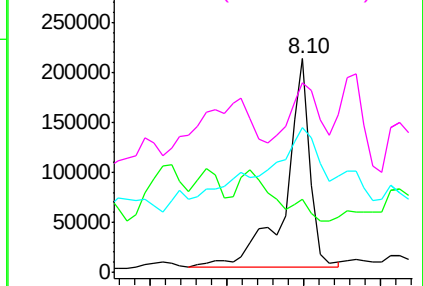


Abundance Ion 136.00 (135.70 to 136.70): E

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: 136.08 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091695.D

Acq: 17 Dec 2016 1:35

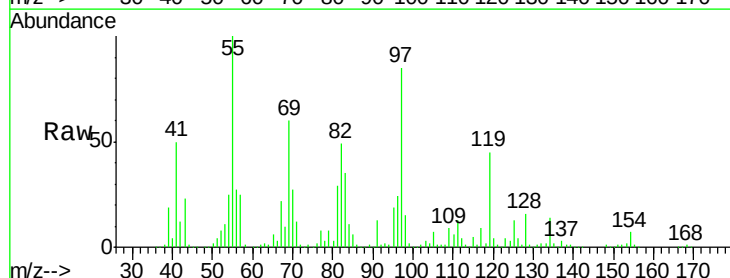
Tgt Ion: 82 Resp: 1121353

Ion Ratio Lower Upper

82 100

128 32.8 31.8 47.6

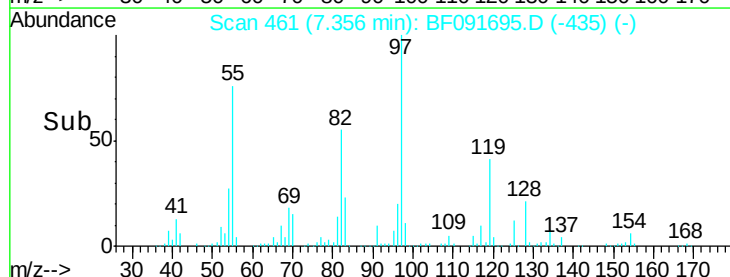
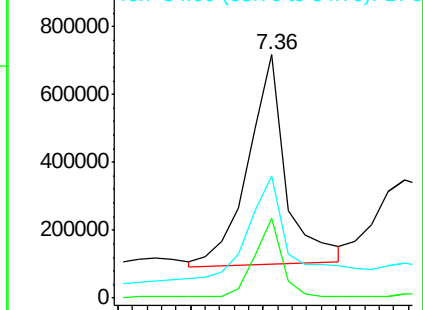
54 49.9 49.1 73.7

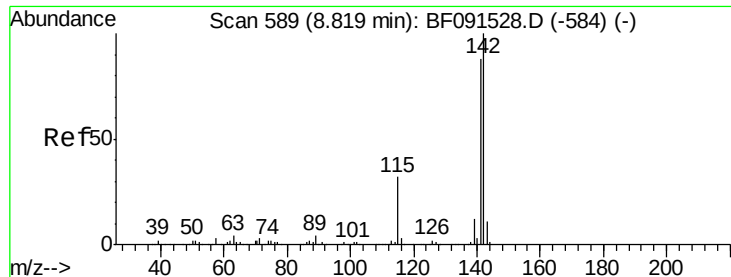


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#37

2-Methylnaphthalene

Concen: 13.60 ng

RT: 8.83 min Scan# 590

Delta R.T. 0.05 min

Lab File: BF091695.D

Acq: 17 Dec 2016 1:35

Instrument :

BNA_F

ClientSampleId :

SB-45(10-12)-12-14-16

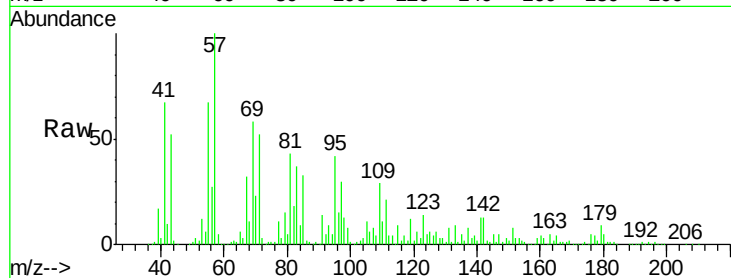
Tot Ion:142 Resp: 188425

Ion Ratio Lower Upper

142 100

141 96.5 71.7 107.5

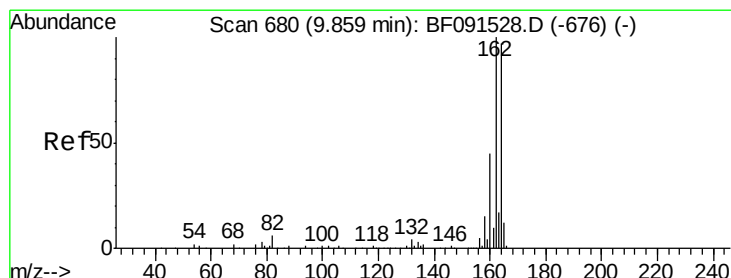
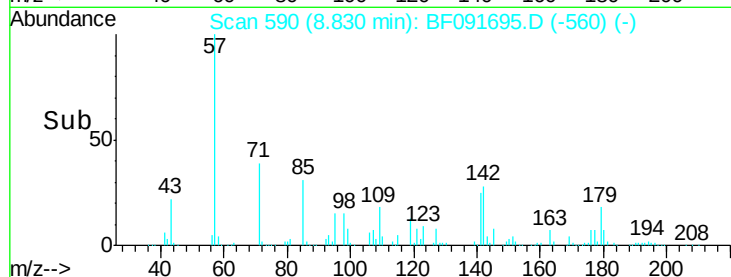
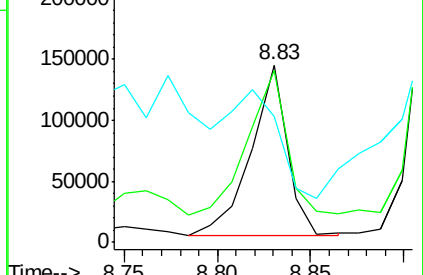
115 71.0 25.0 37.6#



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: 9.86 min Scan# 680

Delta R.T. 0.03 min

Lab File: BF091695.D

Acq: 17 Dec 2016 1:35

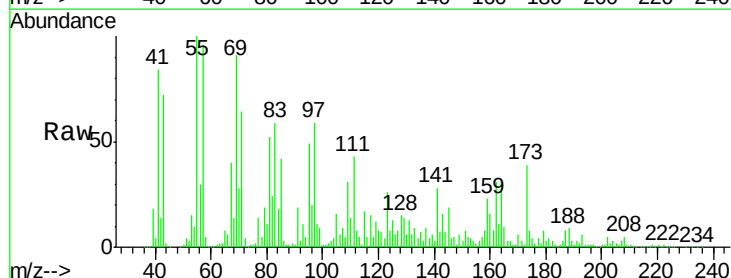
Tgt Ion:164 Resp: 206234

Ion Ratio Lower Upper

164 100

162 97.7 82.6 124.0

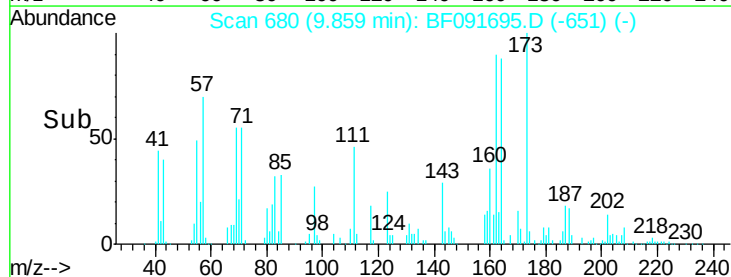
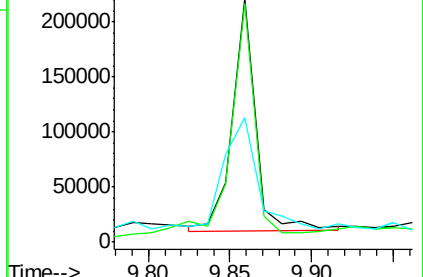
160 51.1 36.7 55.1

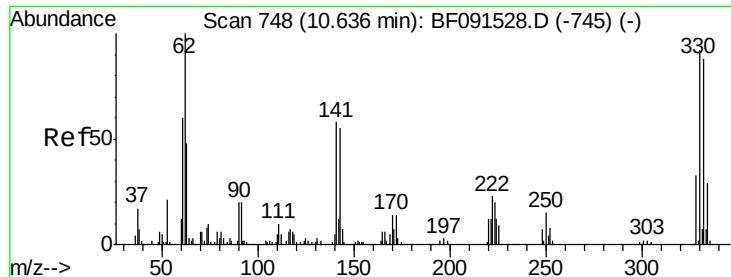


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

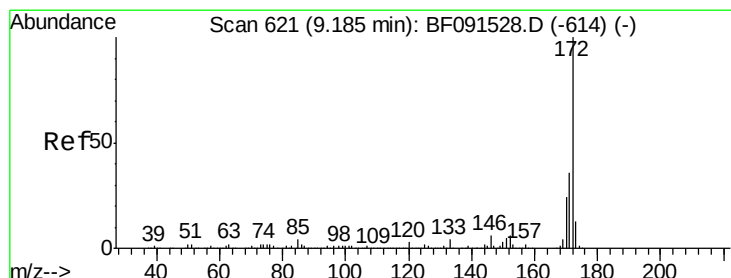
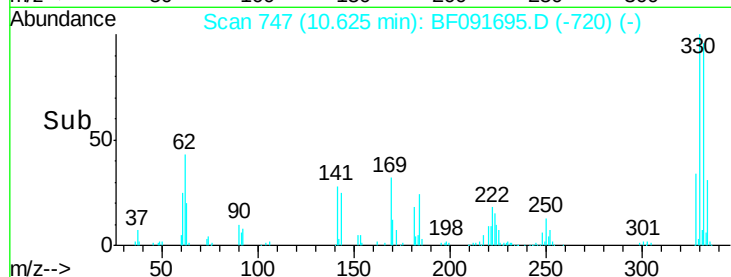
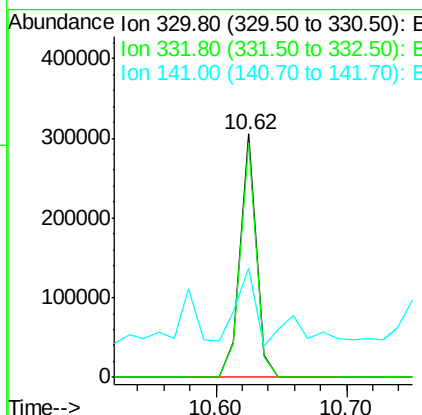
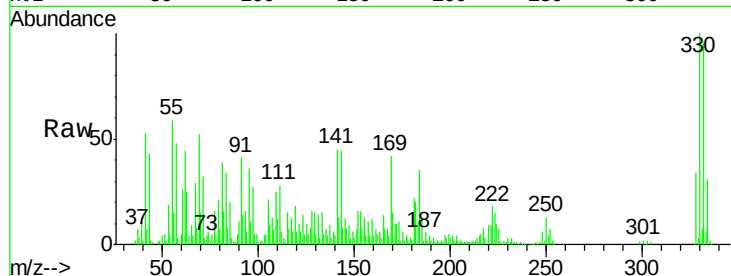




#41
 2,4,6-Tribromophenol
 Concen: 152.11 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF091695.D
 Acq: 17 Dec 2016 1:35

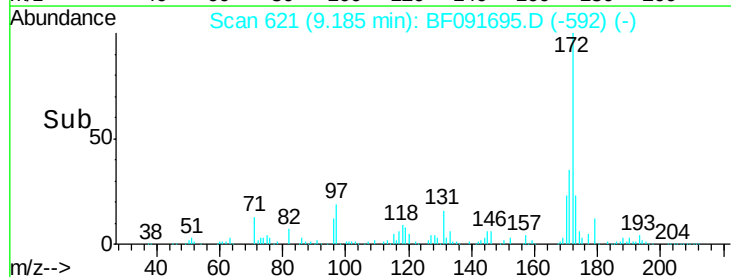
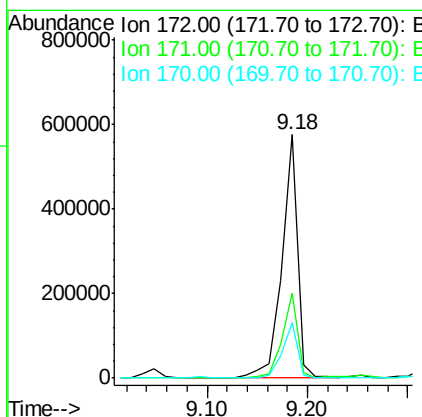
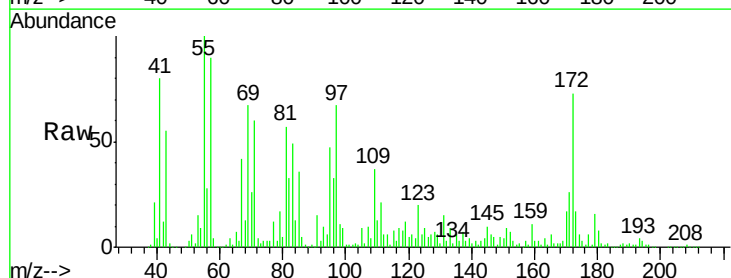
Instrument :
 BNA_F
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 SB-45(10-12)-12-14-16

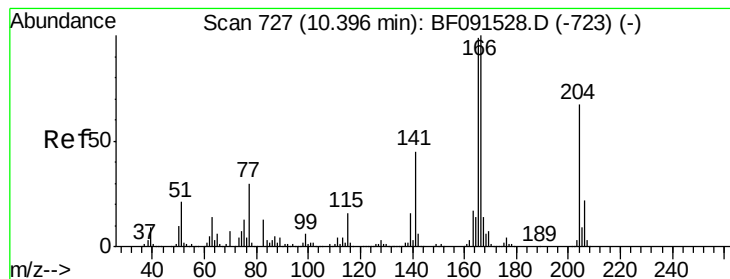
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.4
141	36.4	33.6	50.4



#44
 2-Fluorobiphenyl
 Concen: 52.34 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.03 min
 Lab File: BF091695.D
 Acq: 17 Dec 2016 1:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	23.0	19.7	29.5





#57

Fluorene

Concen: 11.25 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF091695.D

Acq: 17 Dec 2016 1:35

Instrument :

BNA_F

ClientSampleId :

SB-45(10-12)-12-14-16

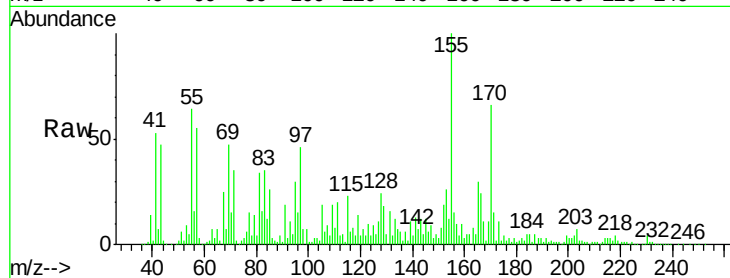
Tot Ion:166 Resp: 162209

Ion Ratio Lower Upper

166 100

165 124.8 80.0 120.0#

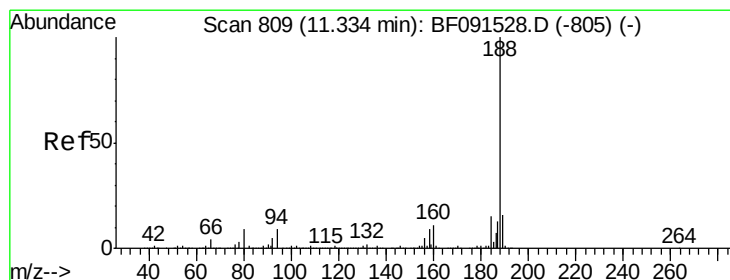
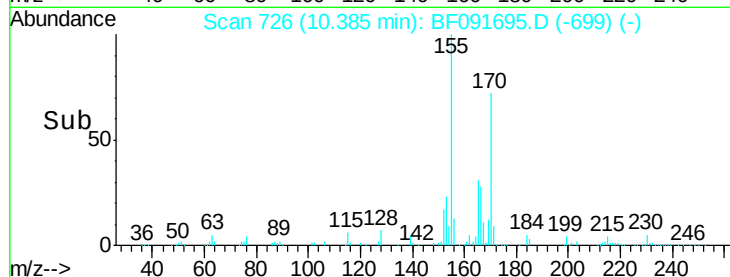
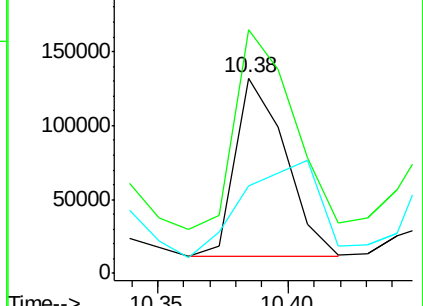
167 44.8 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF091695.D

Acq: 17 Dec 2016 1:35

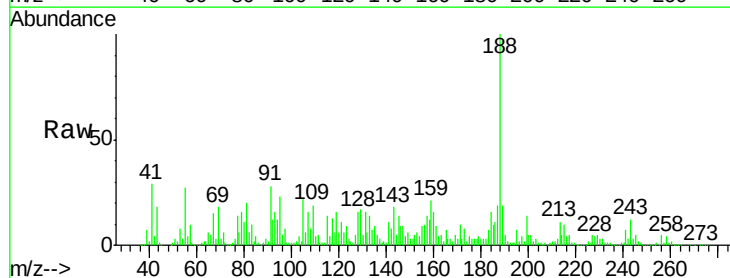
Tgt Ion:188 Resp: 434861

Ion Ratio Lower Upper

188 100

94 12.1 9.2 13.8

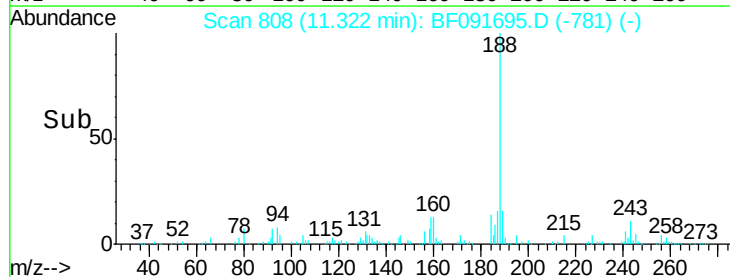
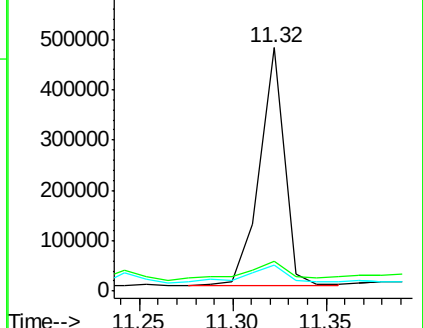
80 10.9 10.5 15.7

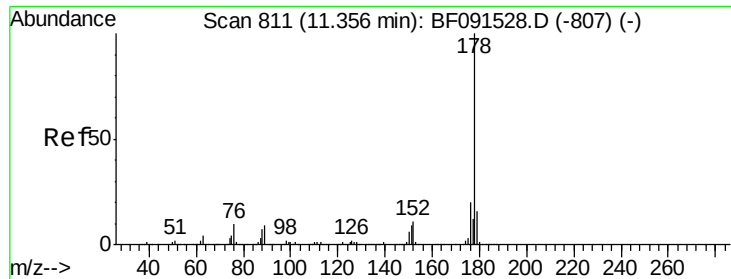


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

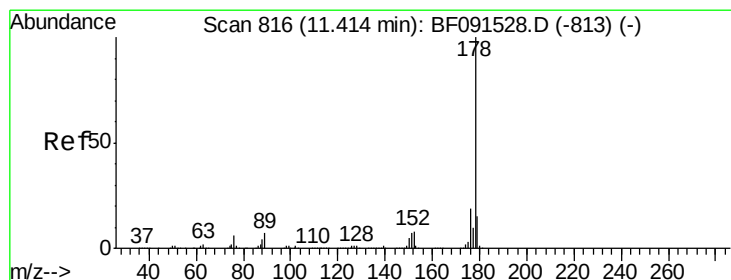
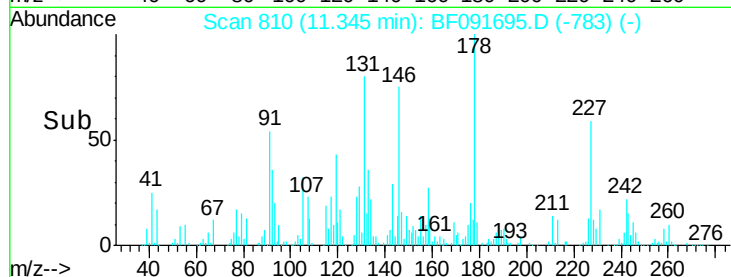
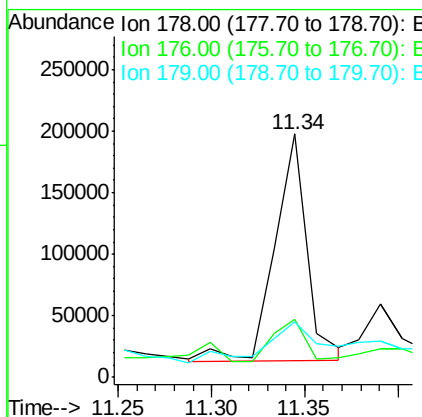
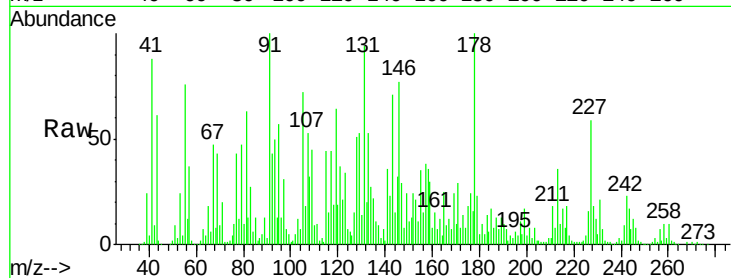




#70
Phenanthrene
Concen: 10.42 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

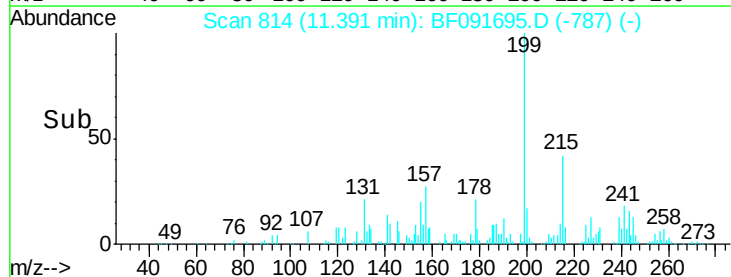
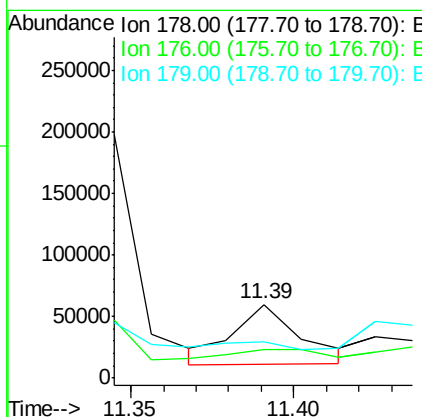
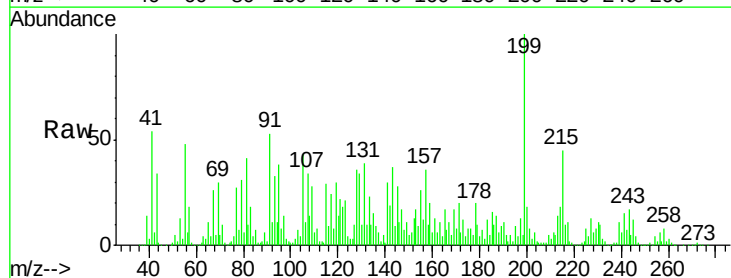
Instrument :
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ClientSampleId :
SB-45(10-12)-12-14-16

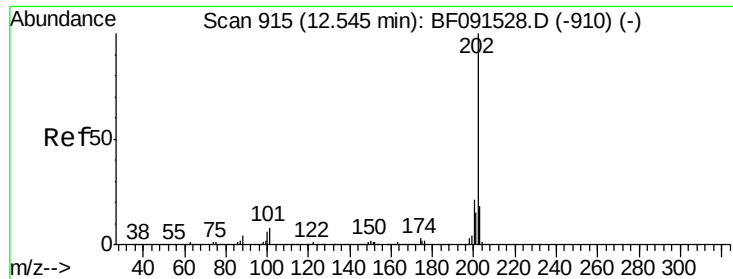
Tot Ion:178 Resp: 224312
Ion Ratio Lower Upper
178 100
176 23.6 15.9 23.9
179 22.8 12.6 18.8#



#71
Anthracene
Concen: 2.97 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF091695.D
Acq: 17 Dec 2016 1:35

Tgt Ion:178 Resp: 69032
Ion Ratio Lower Upper
178 100
176 39.5 15.8 23.6#
179 48.5 12.7 19.1#





#74

Fluoranthene

Concen: 4.53 ng/mL

RT: 12.56 min Scan# 916

Delta R.T. 0.03 min

Lab File: BF091695.D

Acq: 17 Dec 2016 1:35

Instrument :

BNA_F

ClientSampleId :

SB-45(10-12)-12-14-16

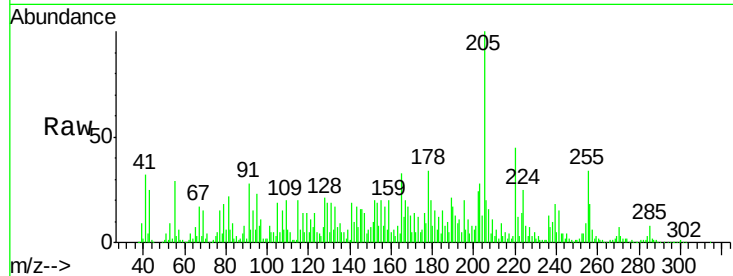
Tot Ion:202 Resp: 102200

Ion Ratio Lower Upper

202 100

101 32.2 0.0 29.5#

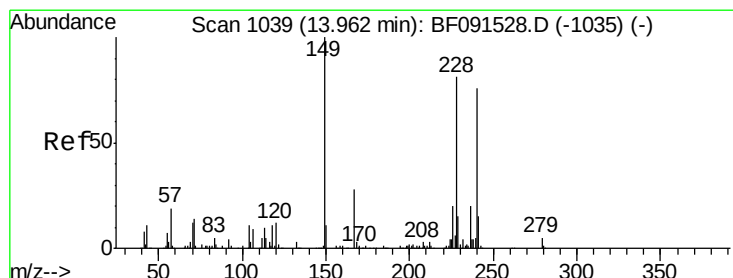
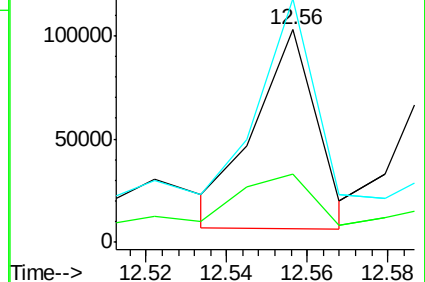
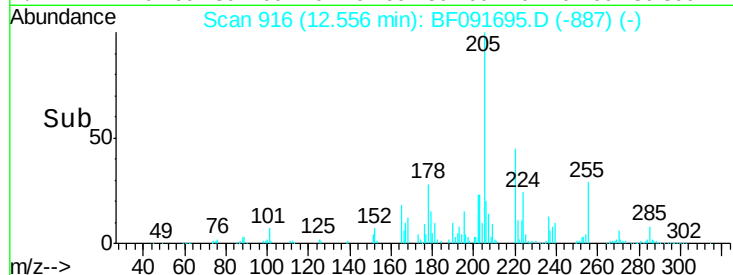
203 114.5 0.0 37.8#



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: 13.97 min Scan# 1040

Delta R.T. 0.03 min

Lab File: BF091695.D

Acq: 17 Dec 2016 1:35

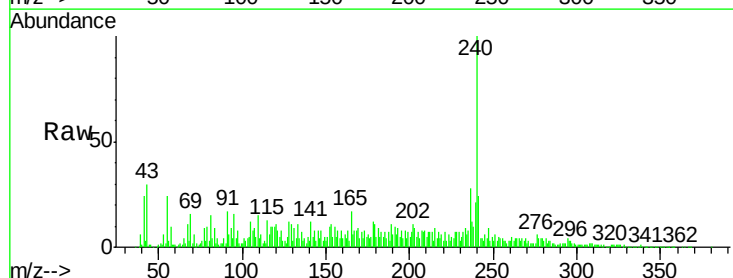
Tgt Ion:240 Resp: 385626

Ion Ratio Lower Upper

240 100

120 10.6 12.1 18.1#

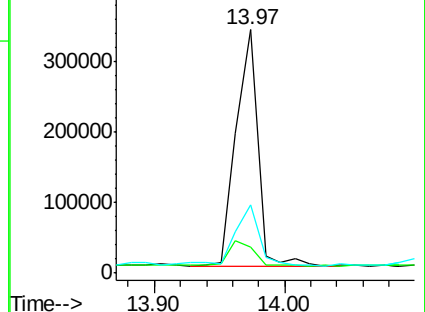
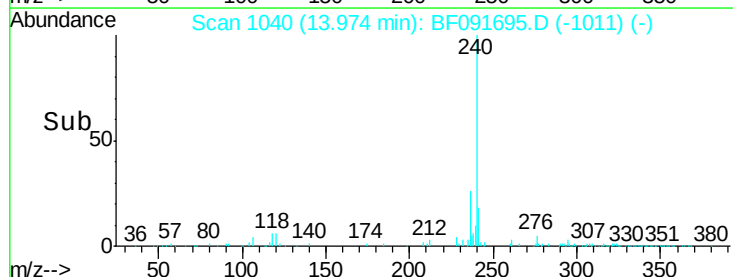
236 28.1 21.0 31.6

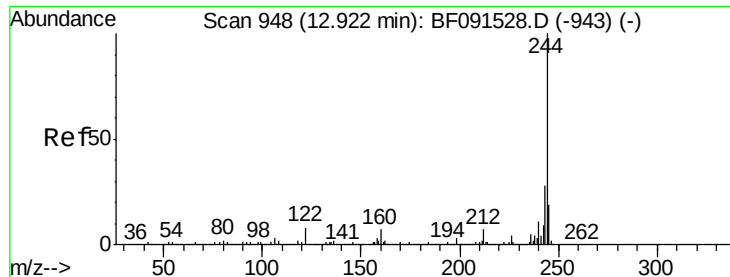


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

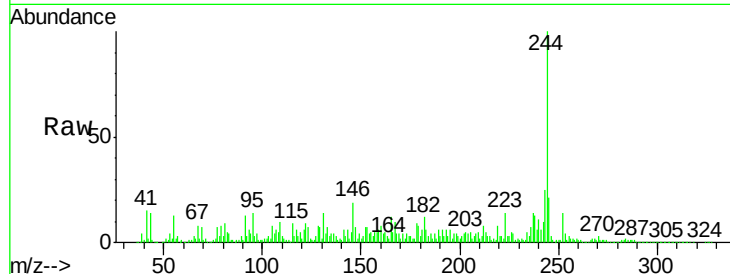




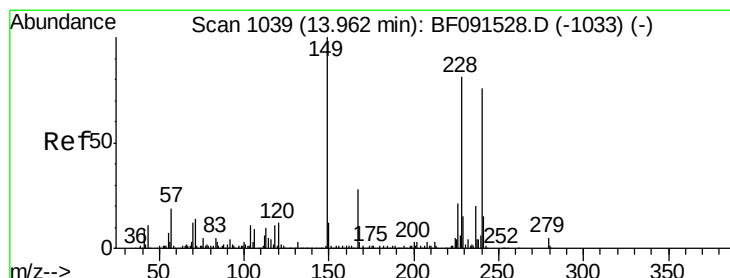
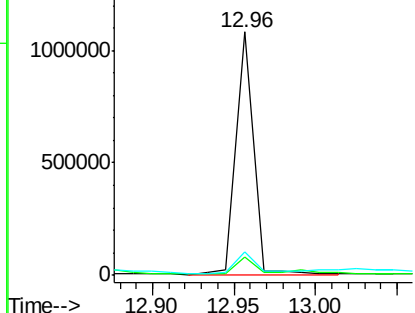
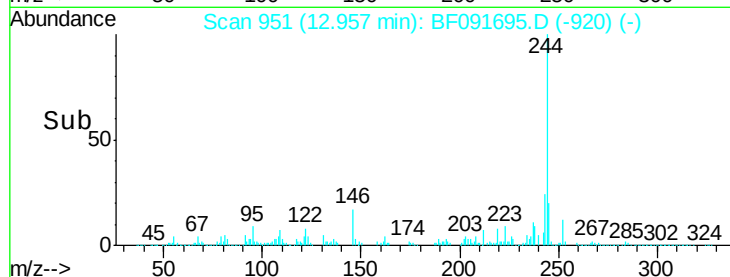
#78
 Terphenyl-d14
 Concen: 46.55 ng
 RT: 12.96 min Scan# 951
 Delta R.T. 0.06 min
 Lab File: BF091695.D
 Acq: 17 Dec 2016 1:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(10-12)-12-14-16

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	9.4	9.5	14.3#

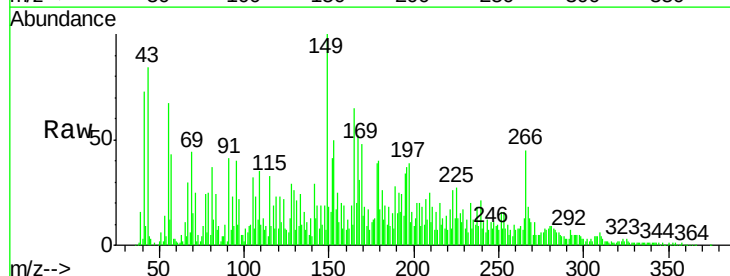


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

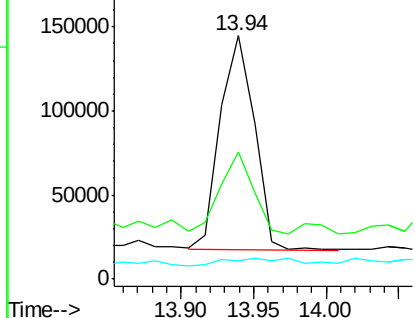
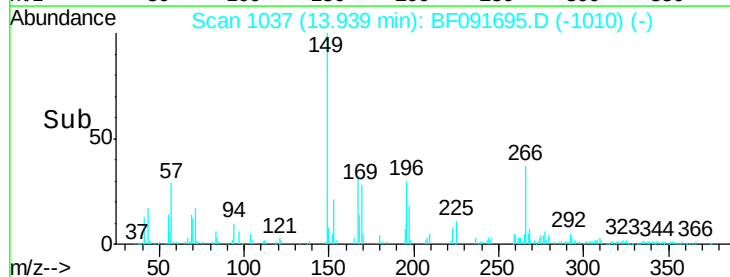


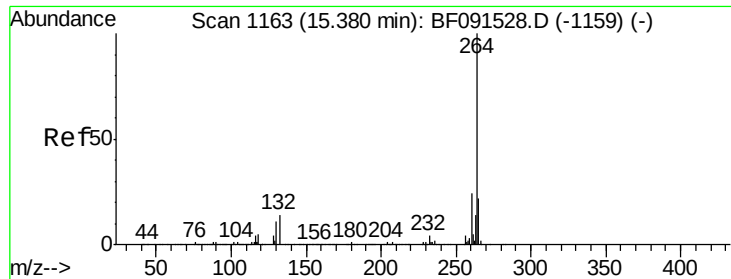
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.65 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF091695.D
 Acq: 17 Dec 2016 1:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	52.1	19.6	29.4#
279	7.5	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

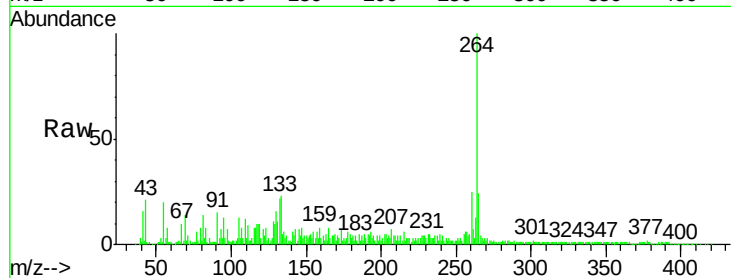




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF091695.D
 Acq: 17 Dec 2016 1:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(10-12)-12-14-16

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.8	28.2
265	24.3	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

