

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083449.D
 Acq On : 3 Dec 2015 7:55
 Operator : UM/IZ
 Sample : G4582-04 2X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-03(0-8)

Quant Time: Dec 03 09:54:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	140984	20.00	ng	-0.01
21) Naphthalene-d8	7.82	136	564009	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	271238	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	420265	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	312437	20.00	ng	-0.02
86) Perylene-d12	16.81	264	299902	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	526798	56.07	ng	-0.01
7) Phenol-d6	6.20	99	733872	57.07	ng	-0.02
23) Nitrobenzene-d5	7.10	82	440067	34.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	121636	44.67	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	736758	38.71	ng	-0.01
78) Terphenyl-d14	13.20	244	482184	36.81	ng	-0.02

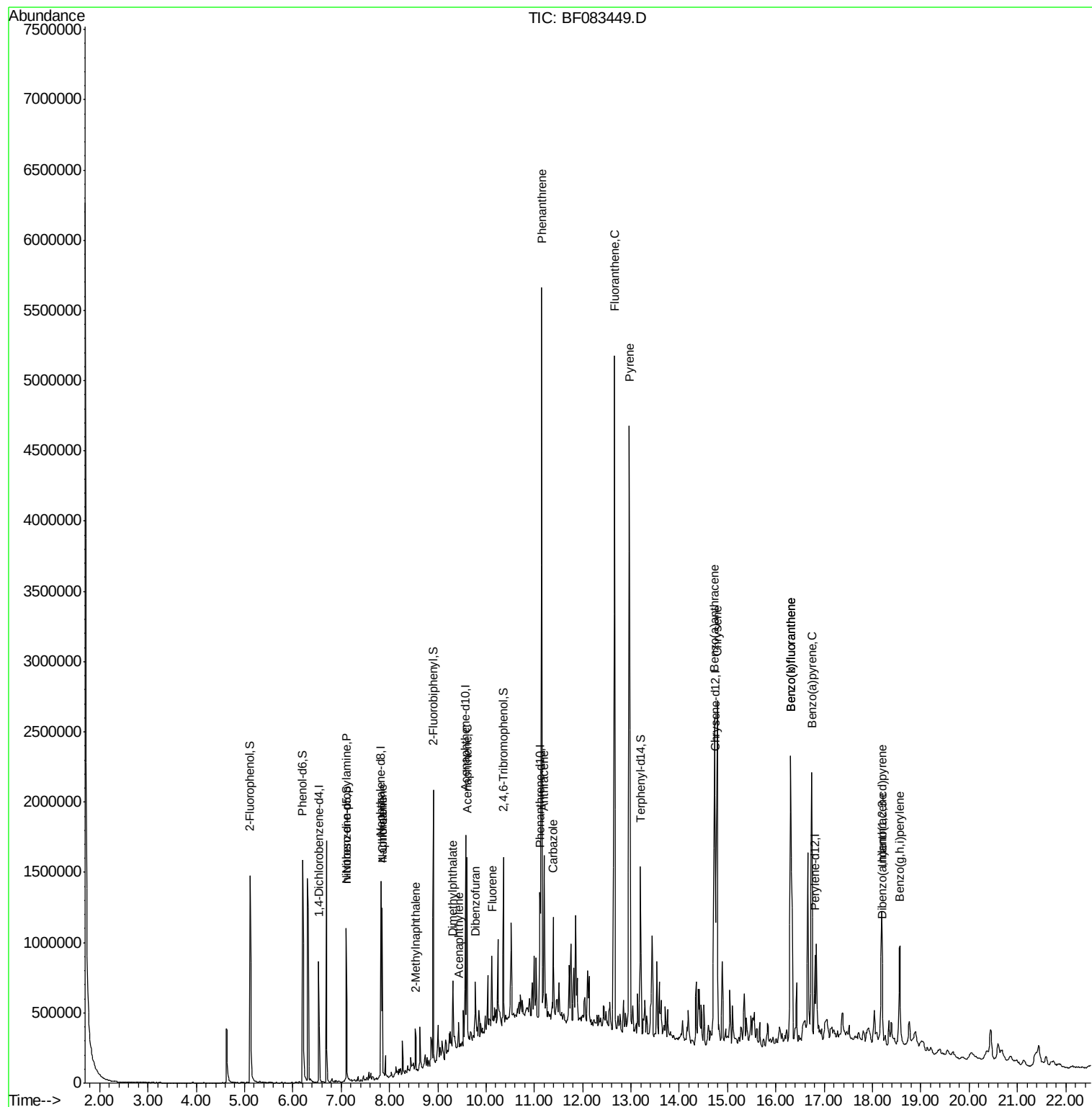
Target Compounds				Qvalue		
9) Benzaldehyde	6.13	77	720	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.10	70	61020	6.64	ng	84
31) Naphthalene	7.85	128	500553	16.36	ng	98
33) 4-Chloroaniline	7.85	127	64095	4.86	ng	31
37) 2-Methylnaphthalene	8.54	142	91966	4.50	ng	97
48) Acenaphthylene	9.44	152	83939	2.90	ng	99
49) Dimethylphthalate	9.31	163	148755	6.75	ng	98
51) Acenaphthene	9.61	154	314807	18.51	ng	98
54) Dibenzofuran	9.78	168	141676	5.69	ng	93
57) Fluorene	10.12	166	211191	10.73	ng	99
70) Phenanthrene	11.15	178	2556492	102.79	ng	96
71) Anthracene	11.20	178	686483	27.42	ng	97
72) Carbazole	11.39	167	342018	15.20	ng	100
74) Fluoranthene	12.66	202	3091097	119.90	ng	100
77) Pyrene	12.97	202	2863505	131.23	ng	# 92
80) Benzo(a)anthracene	14.73	228	1475897	77.10	ng	97
82) Chrysene	14.79	228	1353219	73.17	ng	97
85) Indeno(1,2,3-cd)pyrene	18.19	276	636948	47.29	ng	94
87) Benzo(b)fluoranthene	16.31	252	2222689	115.51	ng	100
88) Benzo(k)fluoranthene	16.31	252	2222689	122.32	ng	# 95
89) Benzo(a)pyrene	16.74	252	1112254	67.29	ng	# 95
90) Dibenzo(a,h)anthracene	18.20	278	202408	14.05	ng	96
91) Benzo(g,h,i)perylene	18.57	276	598137	42.32	ng	98

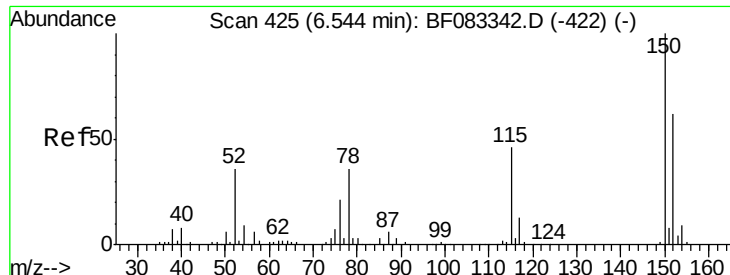
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 01 01:17:16 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.53 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

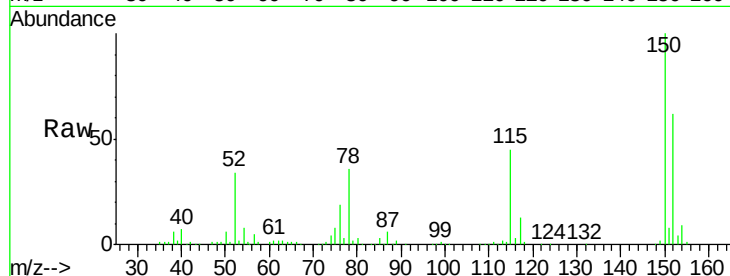
Tot Ion:152 Resp: 140984

Ion Ratio Lower Upper

152 100

150 160.8 129.8 194.8

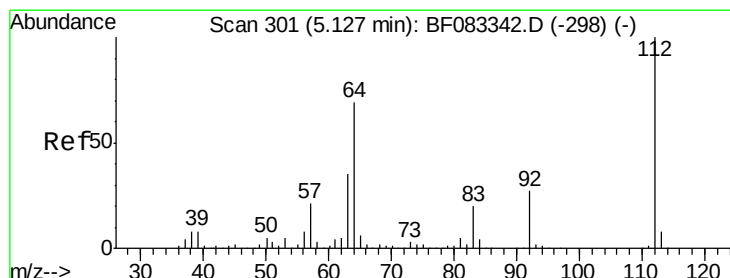
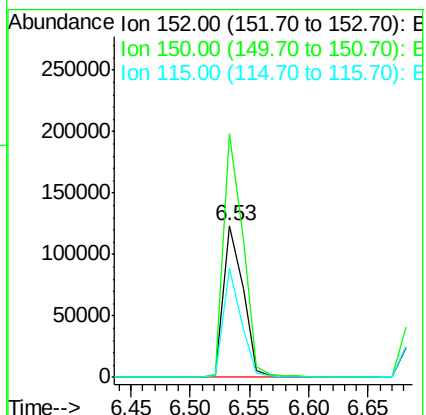
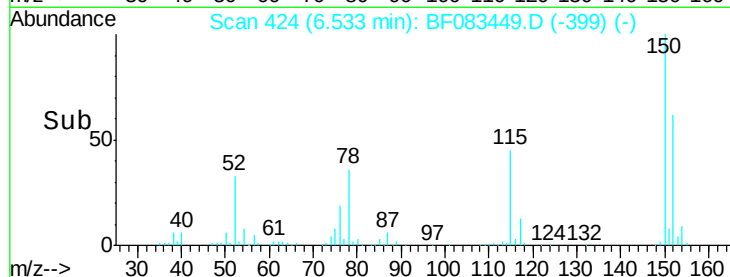
115 71.9 59.2 88.8



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: 56.07 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

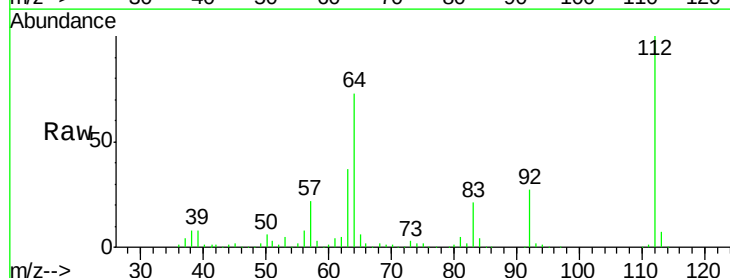
Tgt Ion:112 Resp: 526798

Ion Ratio Lower Upper

112 100

64 73.4 55.6 83.4

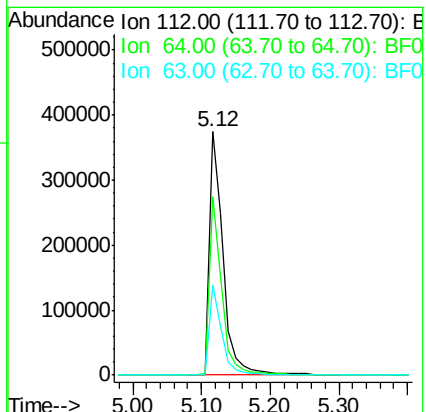
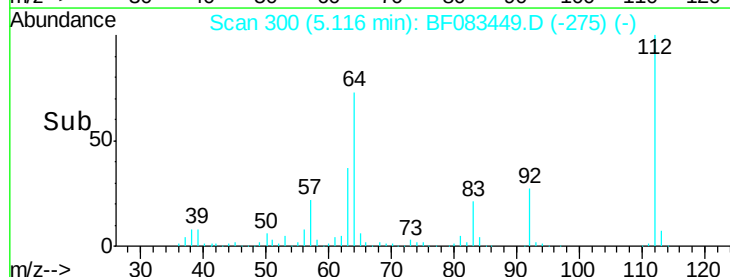
63 36.8 28.2 42.2

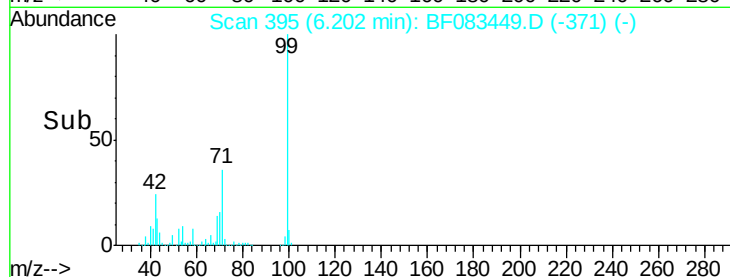
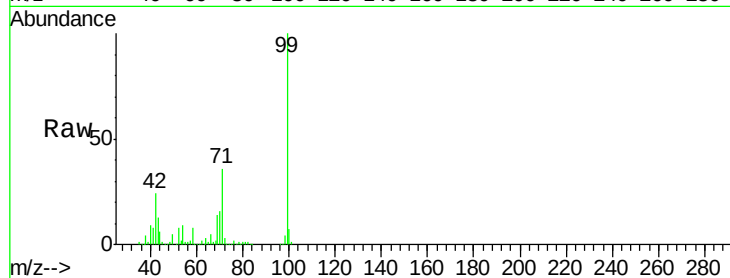
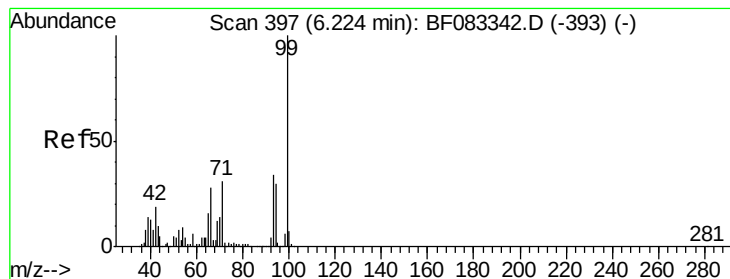


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.07 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

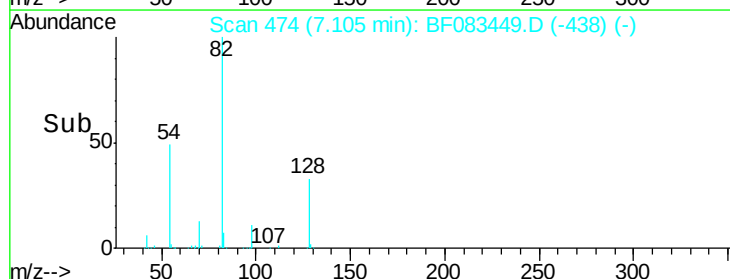
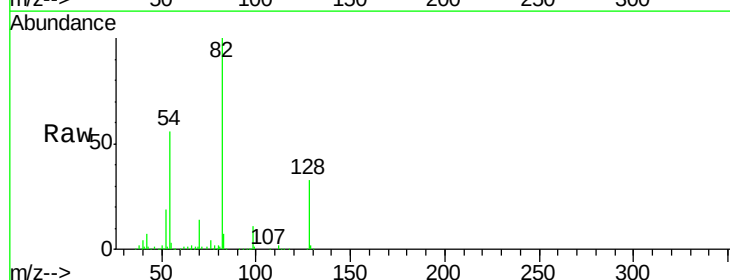
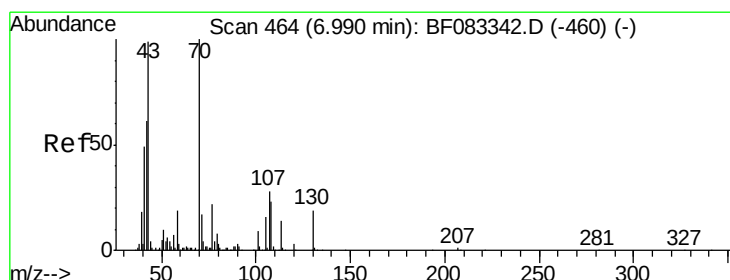
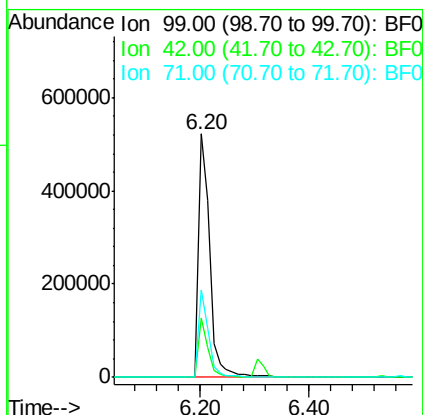
Tot Ion: 99 Resp: 733872

Ion Ratio Lower Upper

99 100

42 24.3 14.9 22.3#

71 35.7 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 6.64 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.11 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Tgt Ion: 70 Resp: 61020

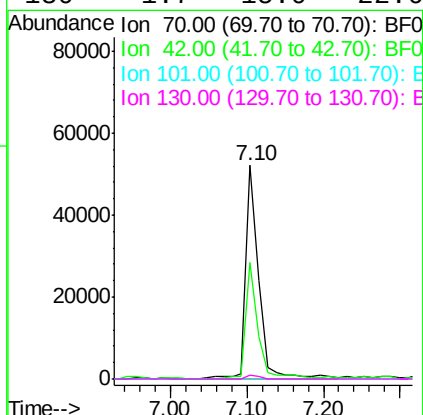
Ion Ratio Lower Upper

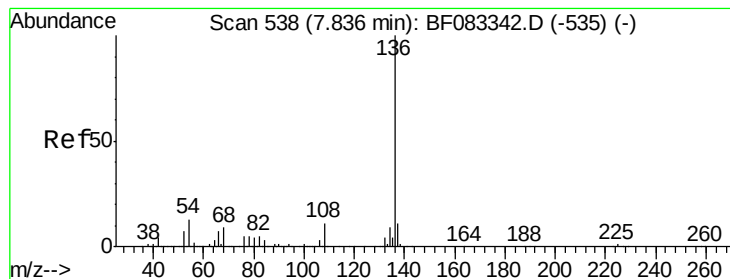
70 100

42 54.4 48.8 73.2

101 0.0 7.1 10.7#

130 1.7 15.0 22.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

Tot Ion:136 Resp: 564009

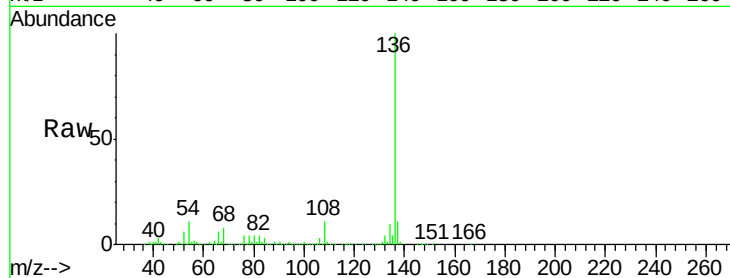
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 11.4 10.1 15.1

68 7.9 7.1 10.7

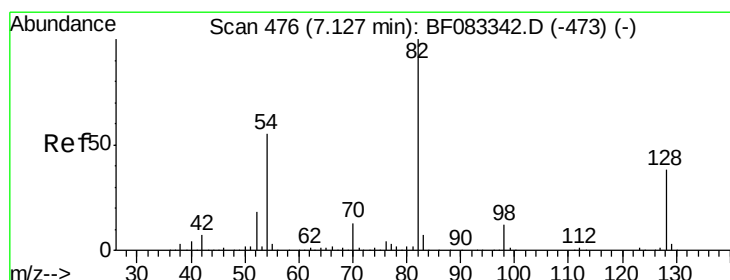
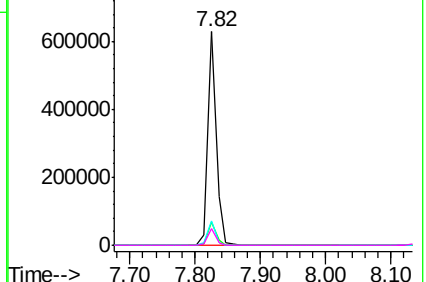
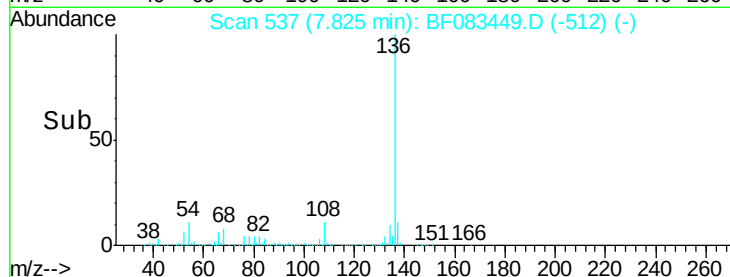


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.30 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

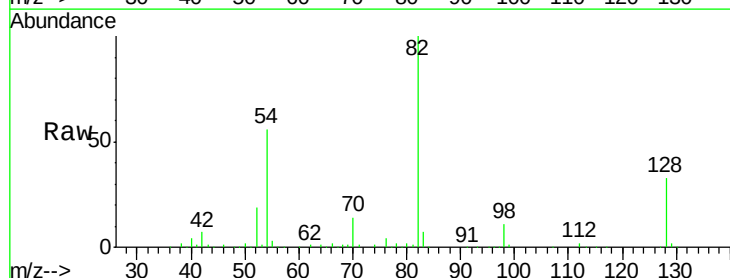
Tgt Ion: 82 Resp: 440067

Ion Ratio Lower Upper

82 100

128 33.3 30.6 46.0

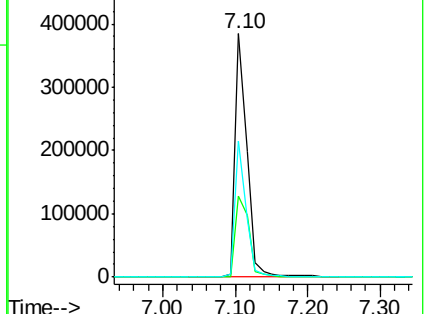
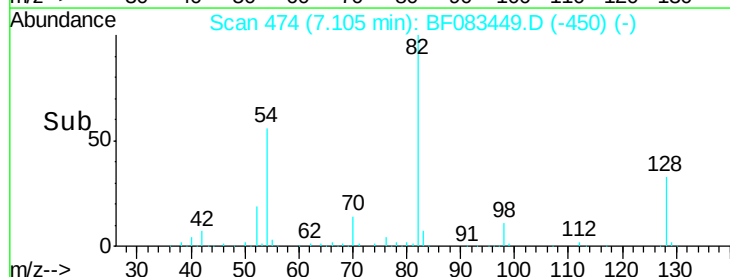
54 56.0 43.8 65.6

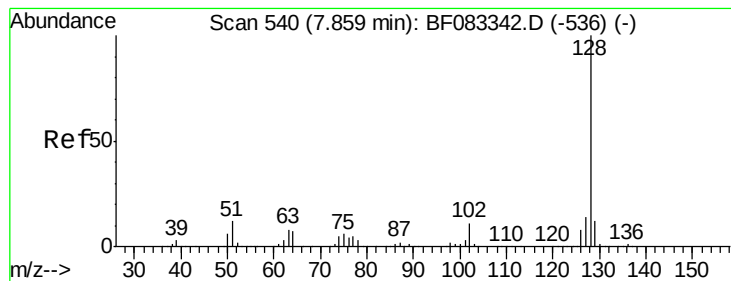


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 16.36 ng

RT: 7.85 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

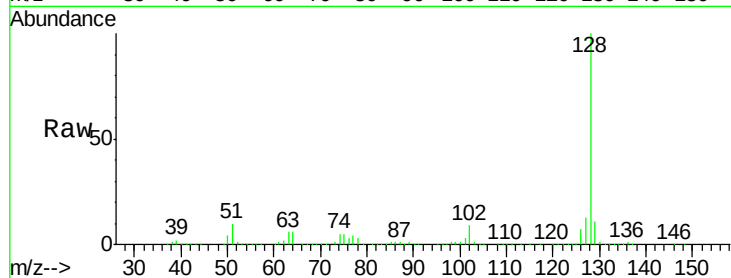
Tot Ion:128 Resp: 500553

Ion Ratio Lower Upper

128 100

129 11.3 9.7 14.5

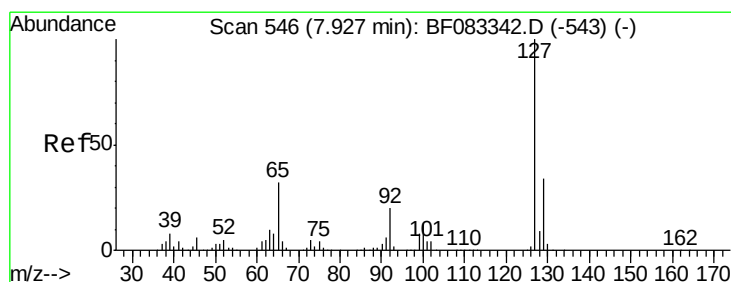
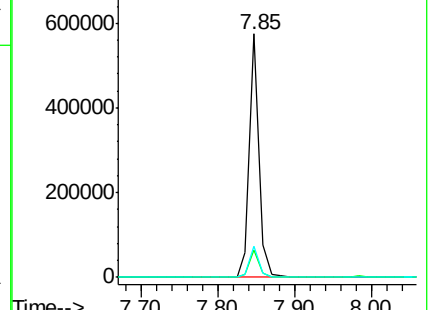
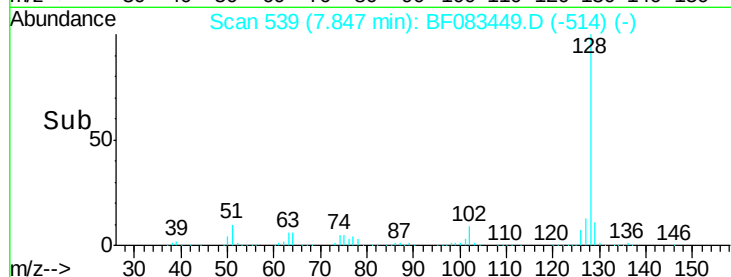
127 12.8 11.0 16.4



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



#33

4-Chloroaniline

Concen: 4.86 ng

RT: 7.85 min Scan# 539

Delta R.T. -0.08 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Tgt Ion:127 Resp: 64095

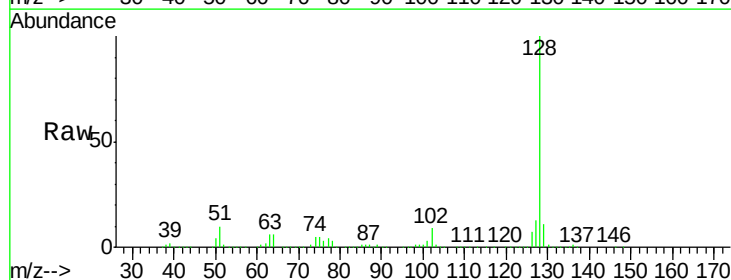
Ion Ratio Lower Upper

127 100

129 88.3 27.0 40.4#

65 0.0 25.9 38.9#

92 0.0 15.8 23.8#

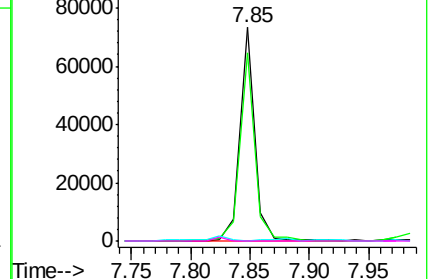
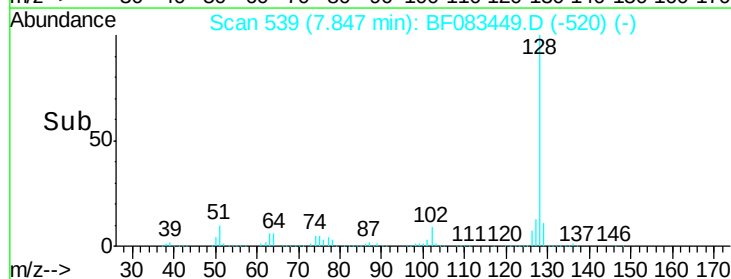


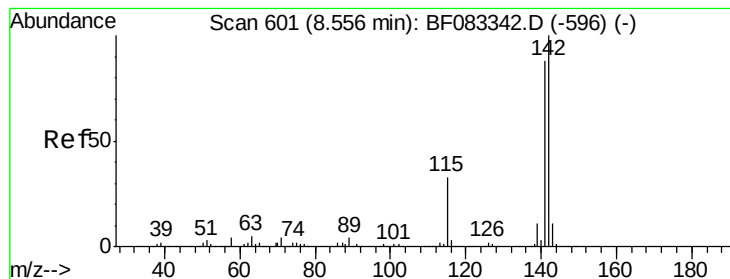
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#37

2-Methylnaphthalene

Concen: 4.50 ng

RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

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ClientSampleId :

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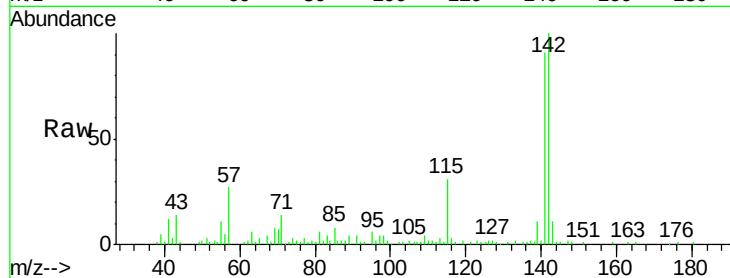
Tot Ion:142 Resp: 91966

Ion Ratio Lower Upper

142 100

141 90.9 70.6 105.8

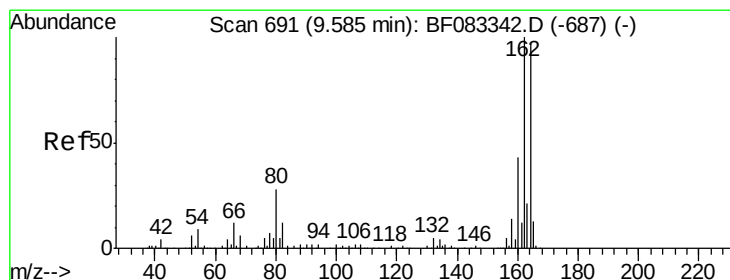
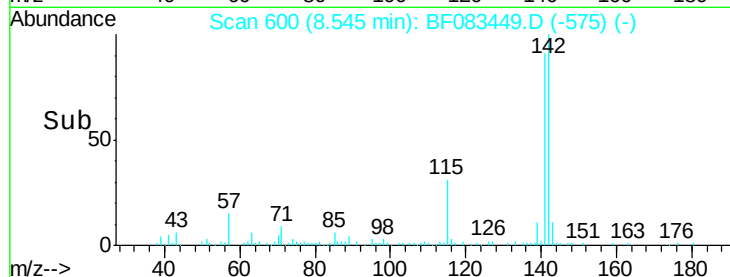
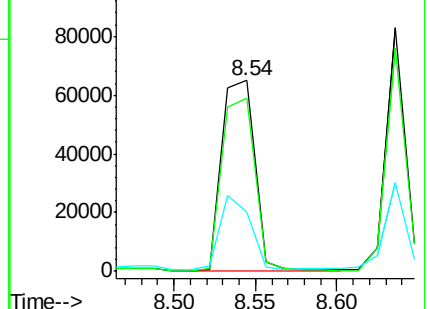
115 30.9 26.2 39.2



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: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

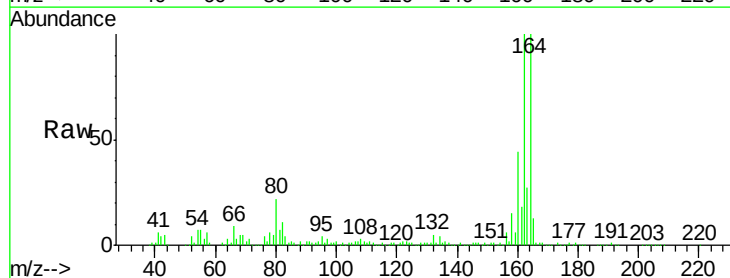
Tgt Ion:164 Resp: 271238

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

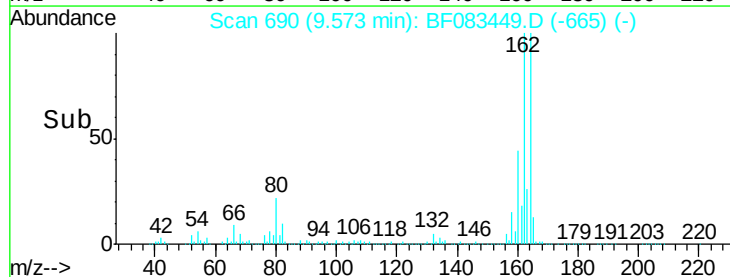
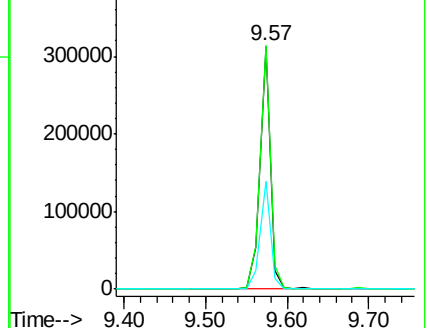
160 44.2 35.3 52.9

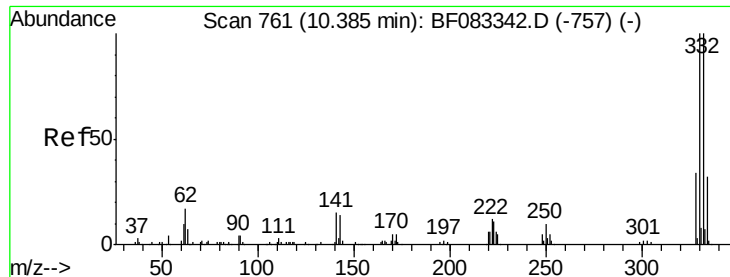


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

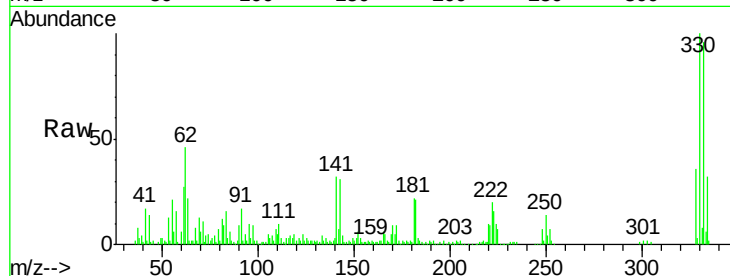




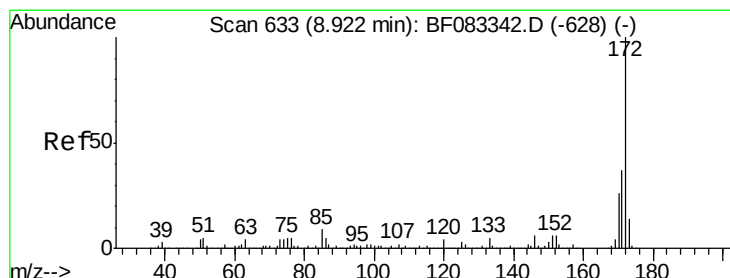
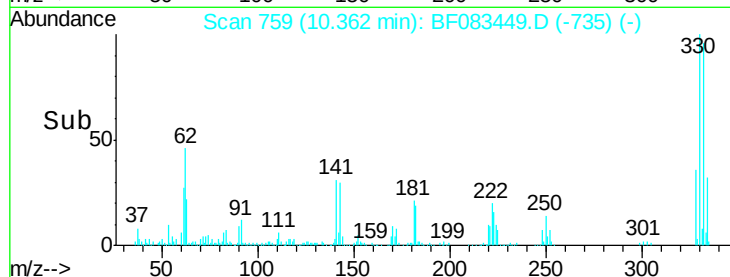
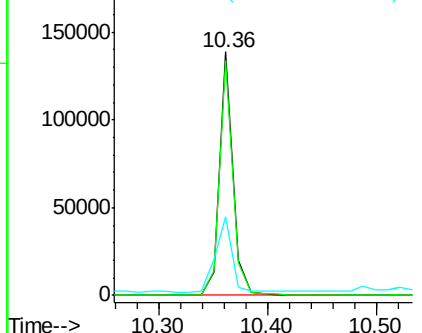
#41
 2,4,6-Tribromophenol
 Concen: 44.67 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083449.D
 Acq: 3 Dec 2015 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-03(0-8)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	38.9	29.4	44.0

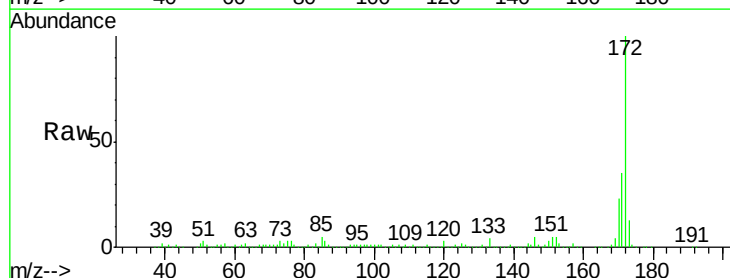


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

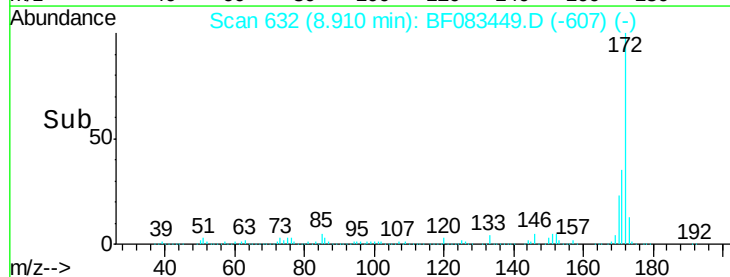
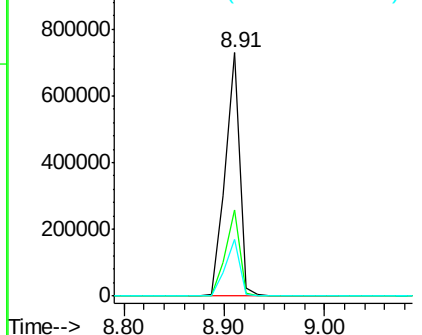


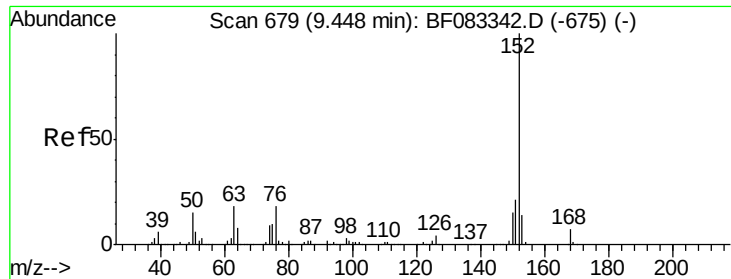
#44
 2-Fluorobiphenyl
 Concen: 38.71 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083449.D
 Acq: 3 Dec 2015 7:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	23.2	20.4	30.6



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





#48

Acenaphthylene

Concen: 2.90 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

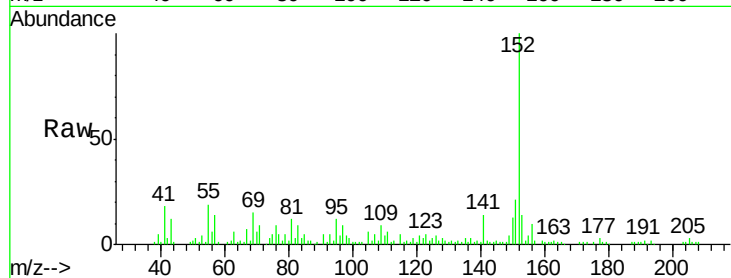
Tot Ion:152 Resp: 83939

Ion Ratio Lower Upper

152 100

151 20.6 16.7 25.1

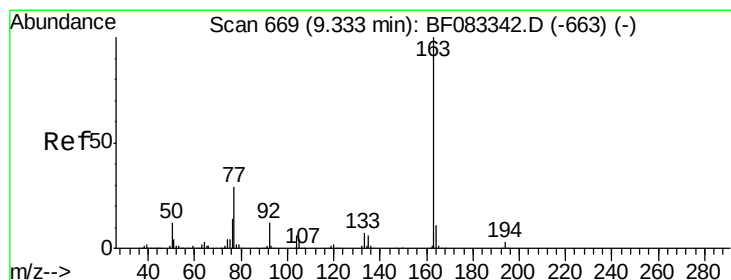
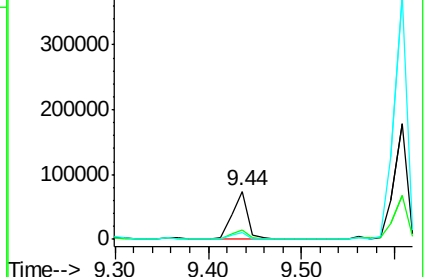
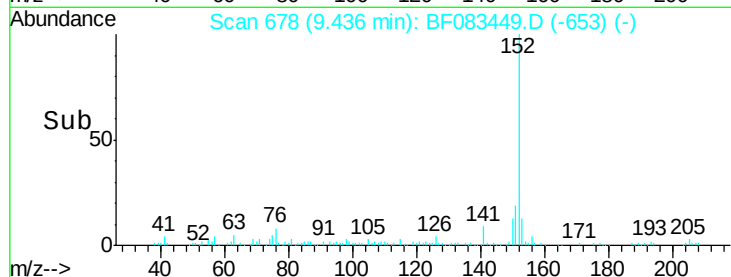
153 14.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 6.75 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

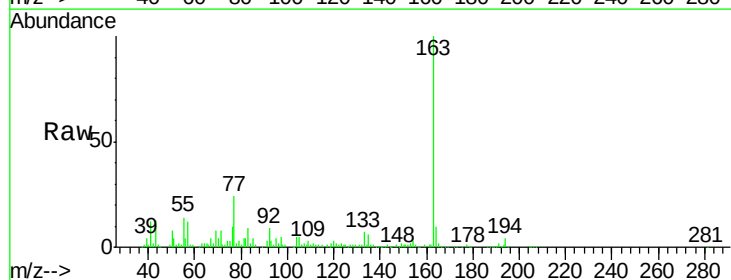
Tgt Ion:163 Resp: 148755

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

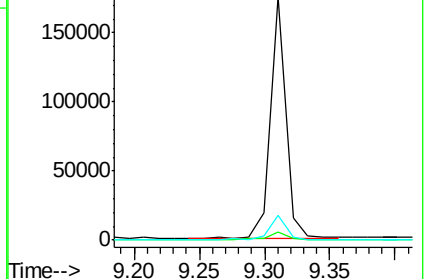
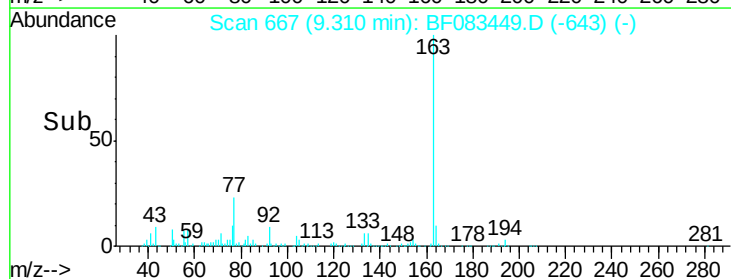
164 10.0 8.8 13.2

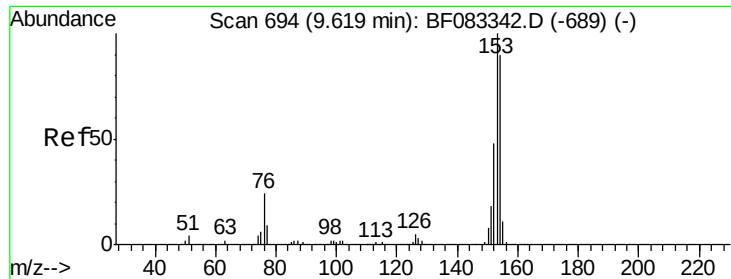


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 18.51 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

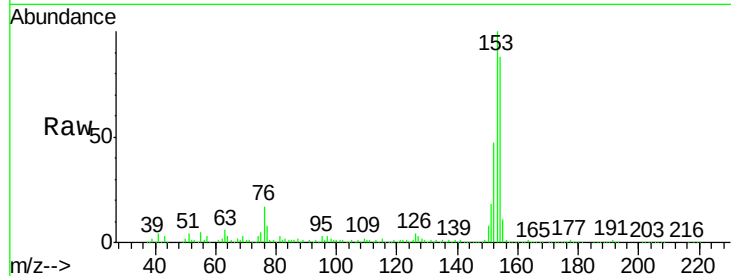
Tot Ion:154 Resp: 314807

Ion Ratio Lower Upper

154 100

153 113.5 89.3 133.9

152 53.9 42.5 63.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

500000

400000

300000

200000

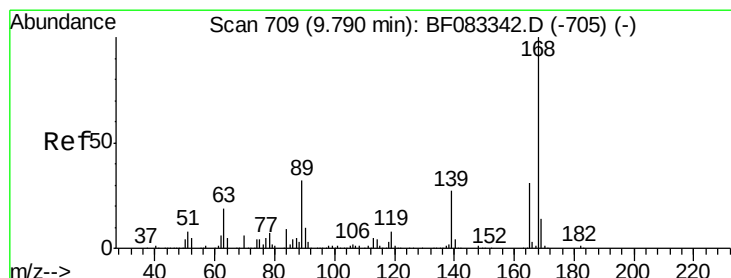
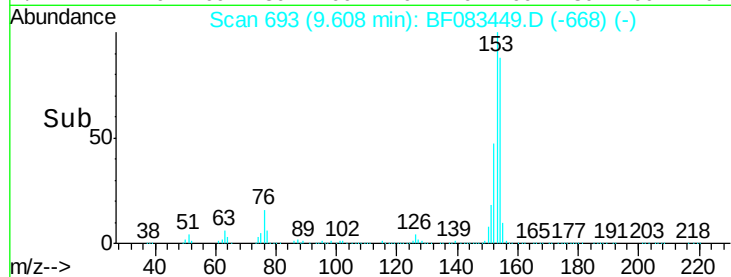
100000

0

9.61

9.50 9.55 9.60 9.65 9.70

Time-->



#54

Dibenzofuran

Concen: 5.69 ng

RT: 9.78 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

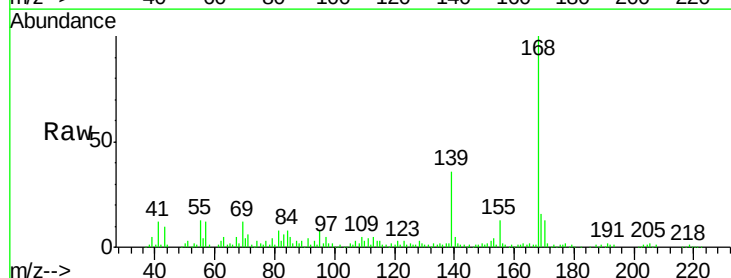
Tgt Ion:168 Resp: 141676

Ion Ratio Lower Upper

168 100

139 36.3 32.7 49.1

169 15.7 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

200000

150000

100000

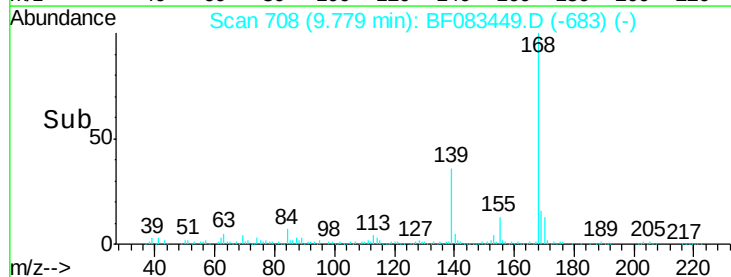
50000

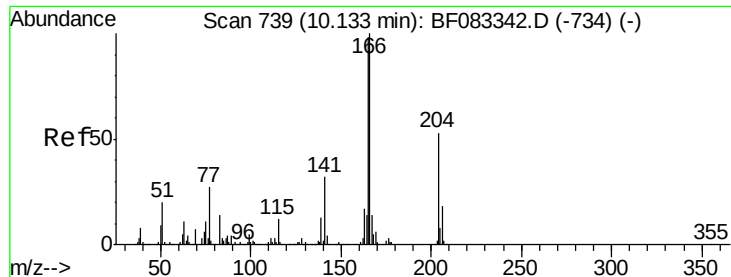
0

9.78

9.70 9.80 9.90

Time-->

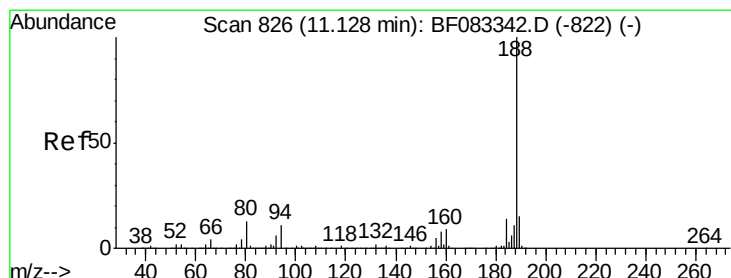
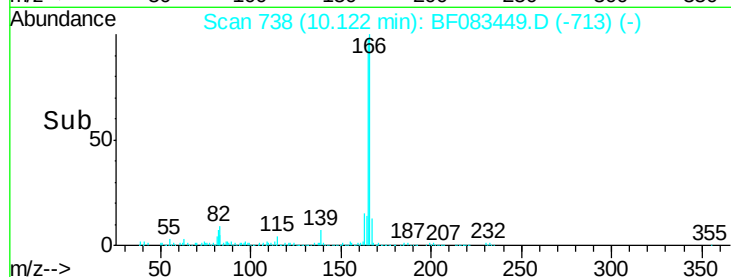
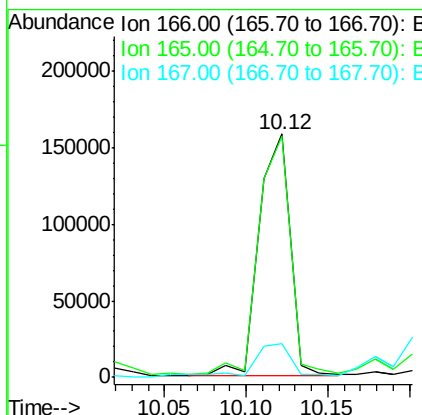
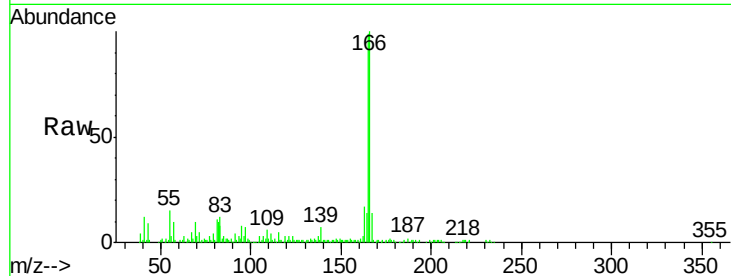




#57
 Fluorene
 Concen: 10.73 ng
 RT: 10.12 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083449.D
 Acq: 3 Dec 2015 7:55

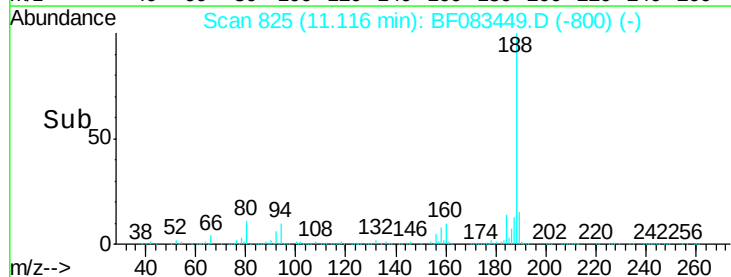
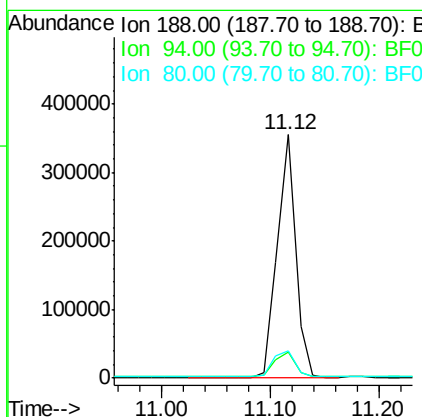
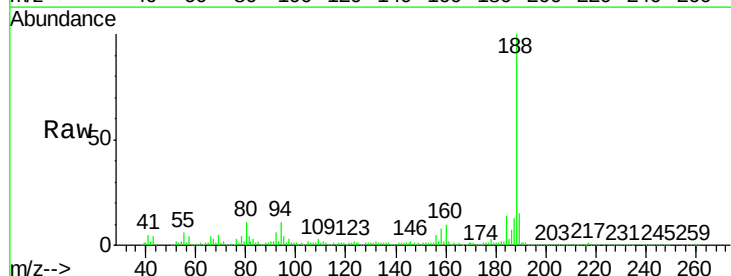
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-03(0-8)

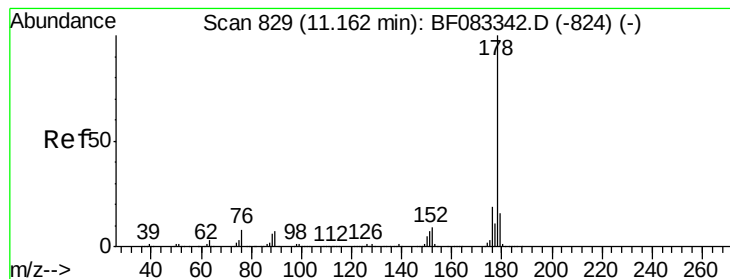
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.3	117.5
167	13.9	11.1	16.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF083449.D
 Acq: 3 Dec 2015 7:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	11.3	10.3	15.5





#70

Phenanthrene

Concen: 102.79 ng

RT: 11.15 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

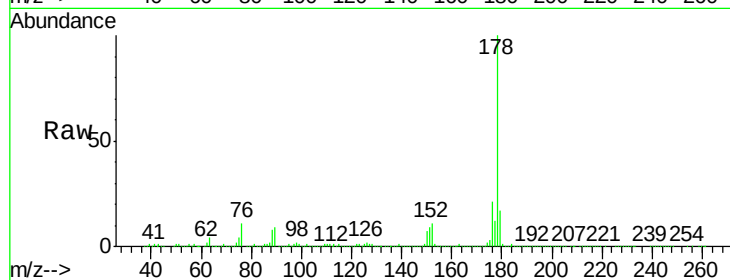
Tot Ion:178 Resp: 2556492

Ion Ratio Lower Upper

178 100

176 21.2 15.3 22.9

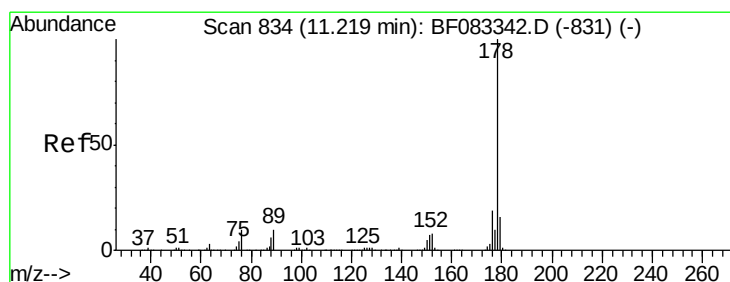
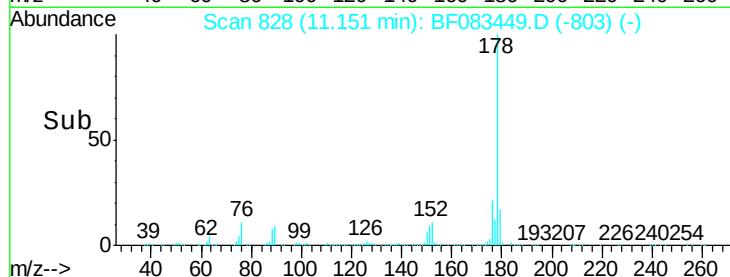
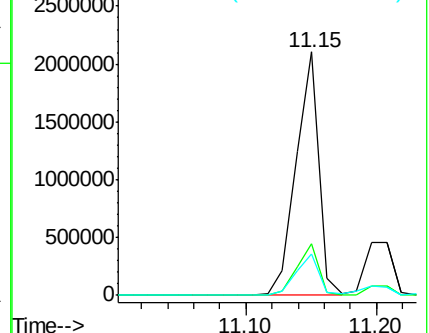
179 16.8 12.4 18.6



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



#71

Anthracene

Concen: 27.42 ng

RT: 11.20 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

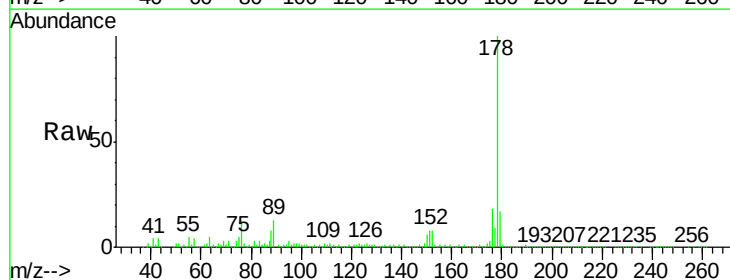
Tgt Ion:178 Resp: 686483

Ion Ratio Lower Upper

178 100

176 18.1 15.6 23.4

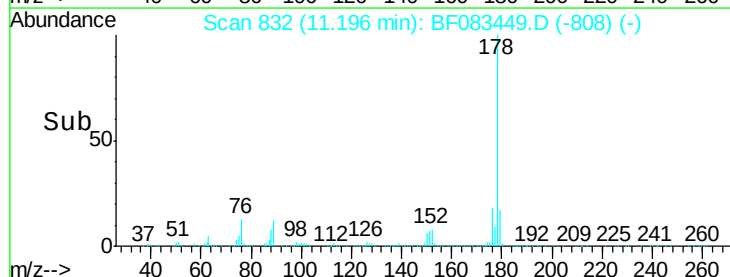
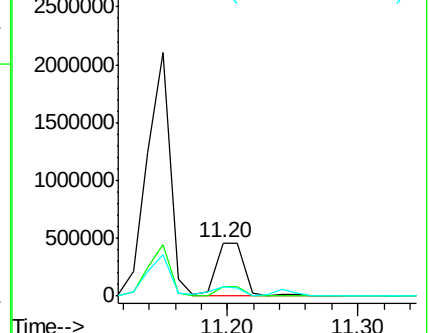
179 17.5 12.8 19.2

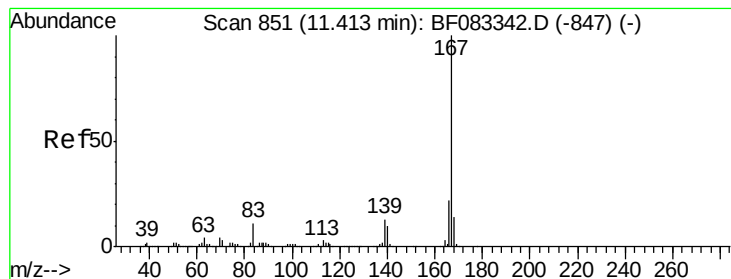


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 15.20 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

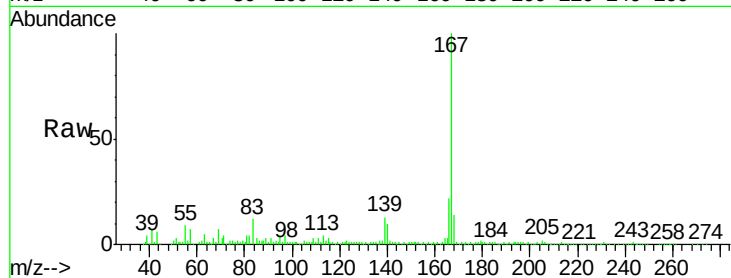
Tot Ion:167 Resp: 342018

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

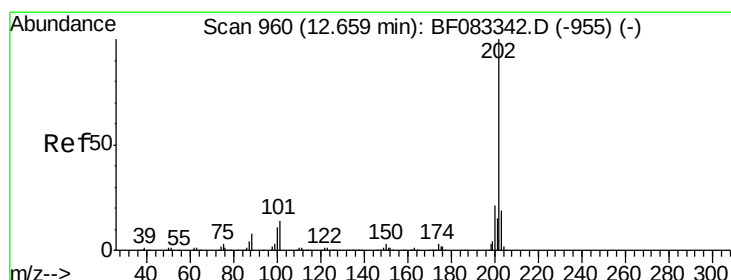
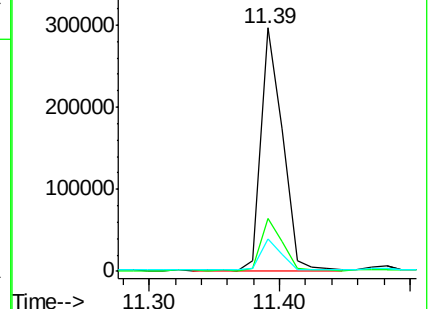
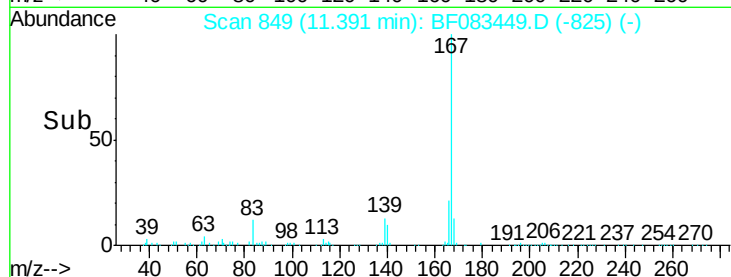
139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 119.90 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

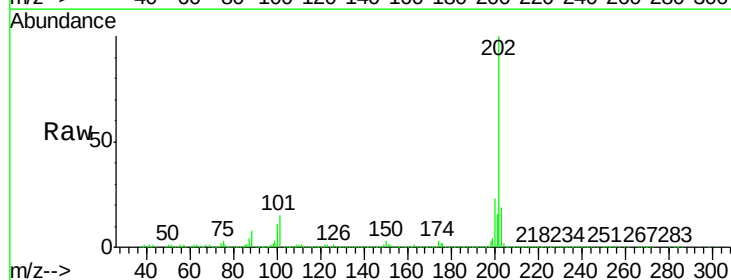
Tgt Ion:202 Resp: 3091097

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.5

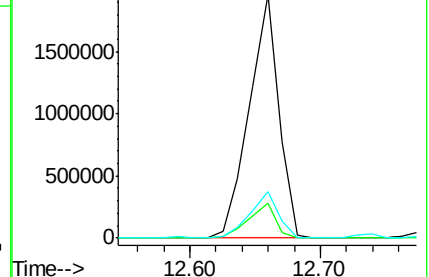
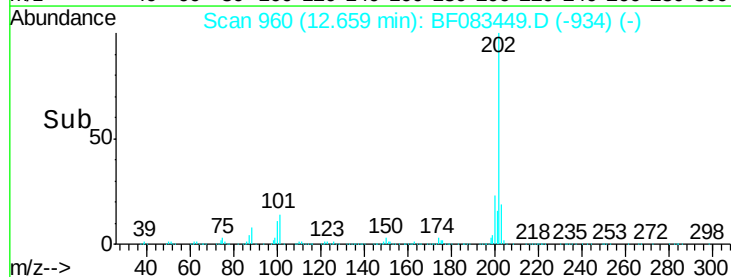
203 19.0 0.0 38.7

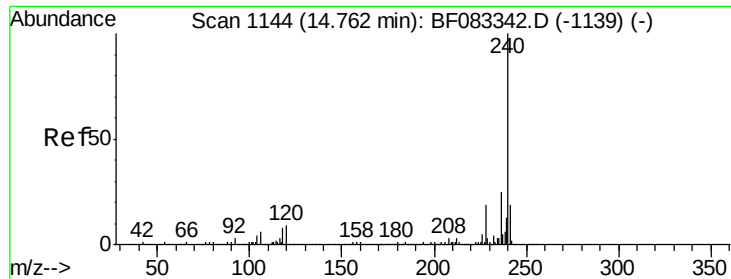


Abundance Ion 202.00 (201.70 to 202.70): E

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

RT: 14.74 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

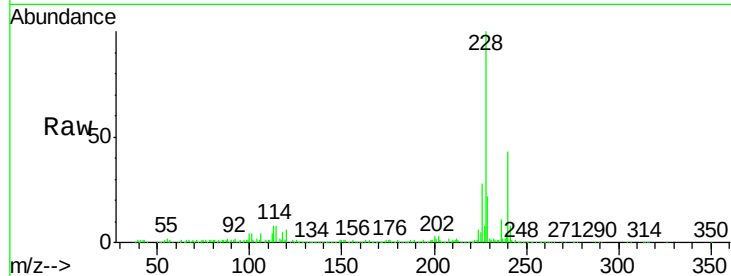
Tot Ion:240 Resp: 312437

Ion Ratio Lower Upper

240 100

120 13.5 6.9 10.3#

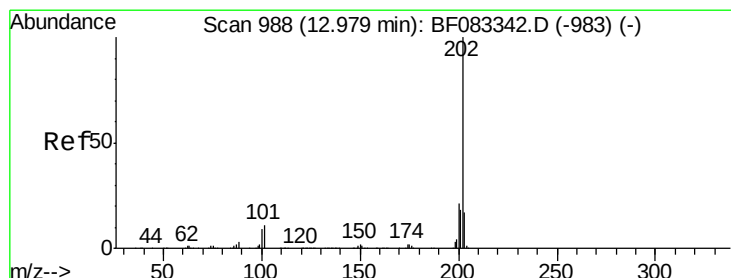
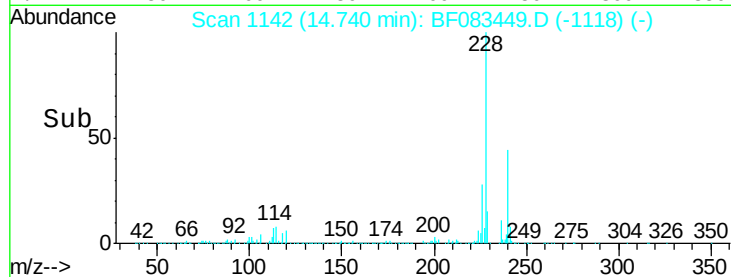
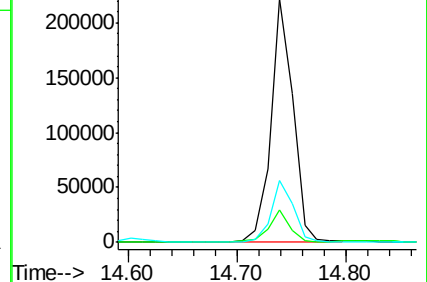
236 25.7 19.8 29.6



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

Pyrene

Concen: 131.23 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

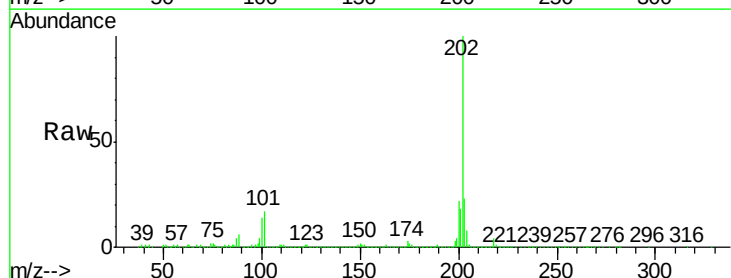
Tgt Ion:202 Resp: 2863505

Ion Ratio Lower Upper

202 100

200 22.4 16.9 25.3

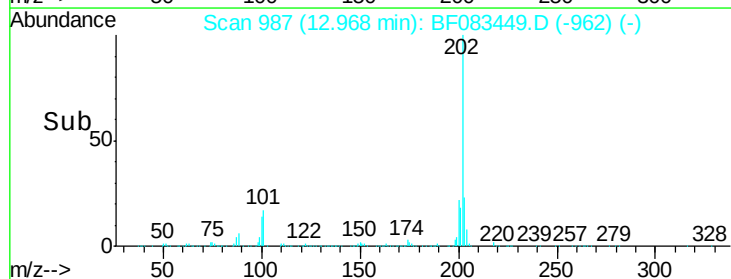
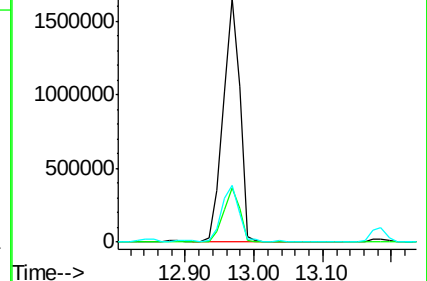
203 23.3 13.9 20.9#

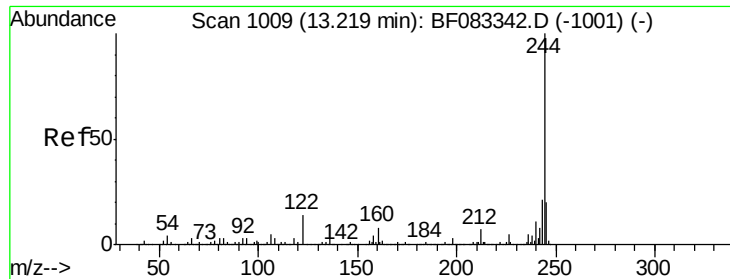


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 36.81 ng

RT: 13.20 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

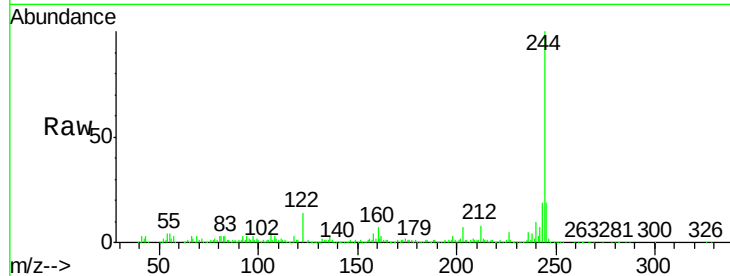
Tot Ion:244 Resp: 482184

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 13.6 11.0 16.4

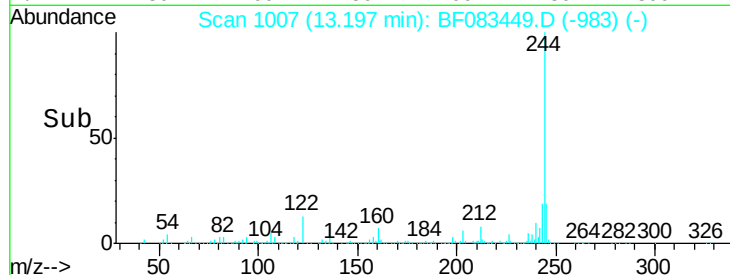


Abundance Ion 244.00 (243.70 to 244.70): E

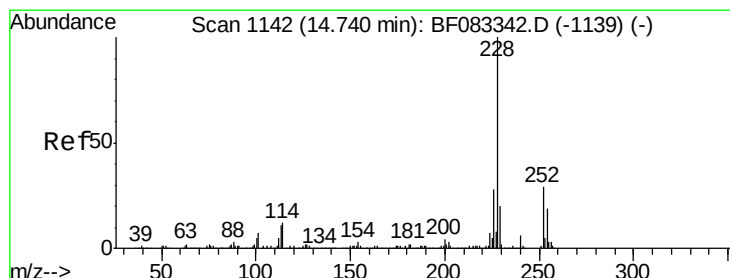
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 77.10 ng

RT: 14.73 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

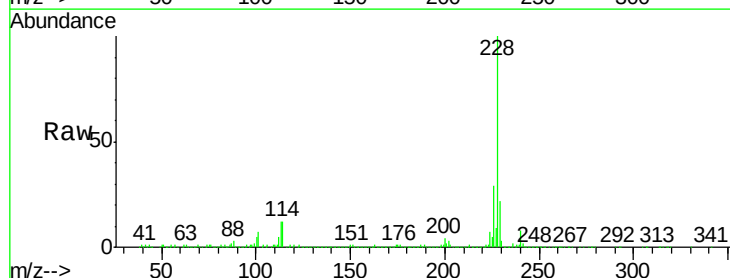
Tgt Ion:228 Resp: 1475897

Ion Ratio Lower Upper

228 100

226 29.5 22.2 33.4

229 21.6 16.1 24.1

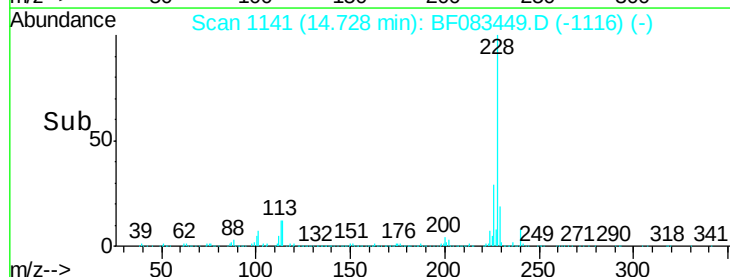


Abundance Ion 228.00 (227.70 to 228.70): E

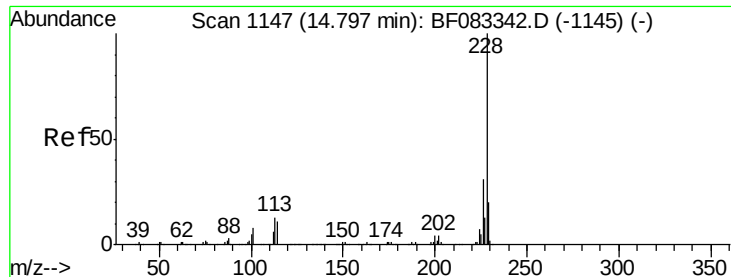
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



Time-->



#82

Chrysene

Concen: 73.17 ng

RT: 14.79 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

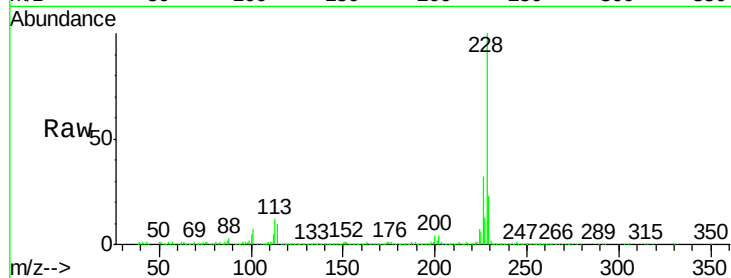
Tot Ion:228 Resp: 1353219

Ion Ratio Lower Upper

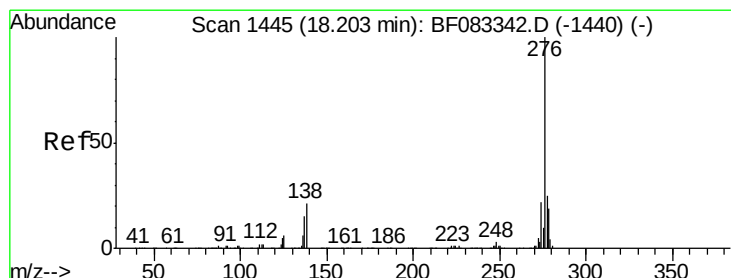
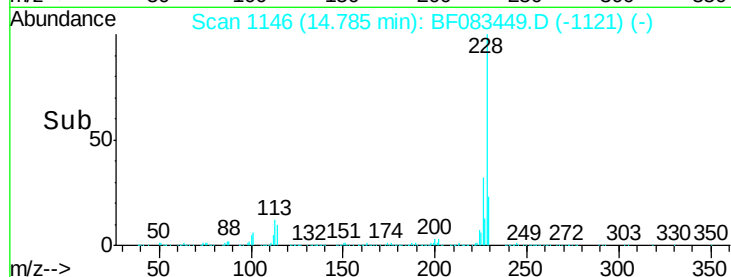
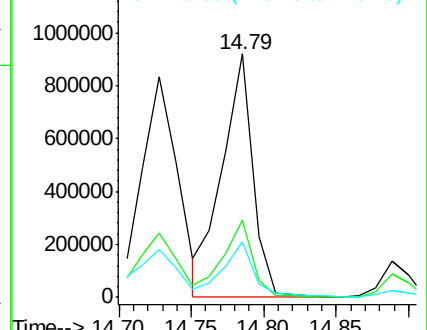
228 100

226 31.7 24.6 37.0

229 22.9 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 47.29 ng

RT: 18.19 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

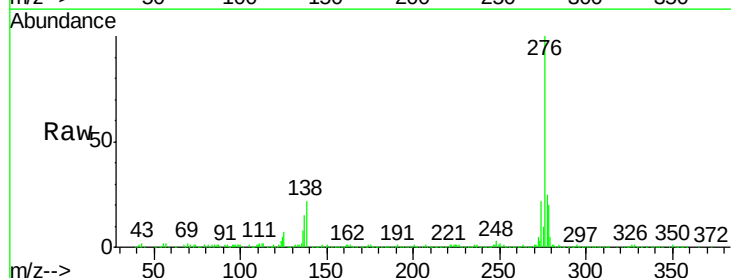
Tgt Ion:276 Resp: 636948

Ion Ratio Lower Upper

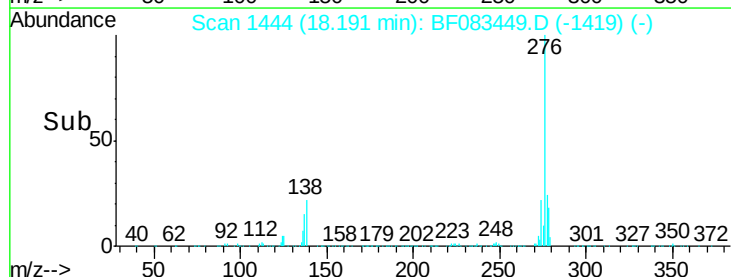
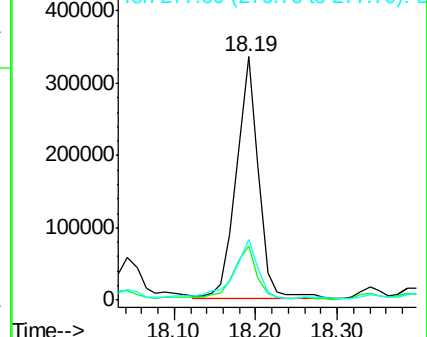
276 100

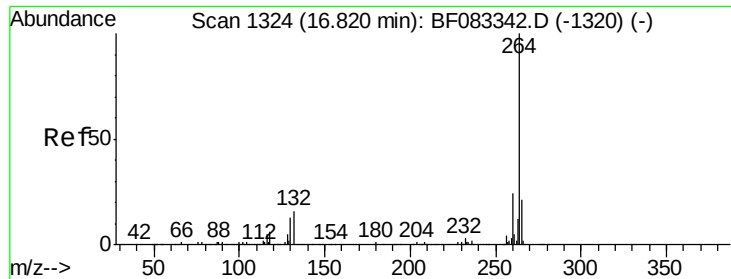
138 22.3 21.2 31.8

277 26.6 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



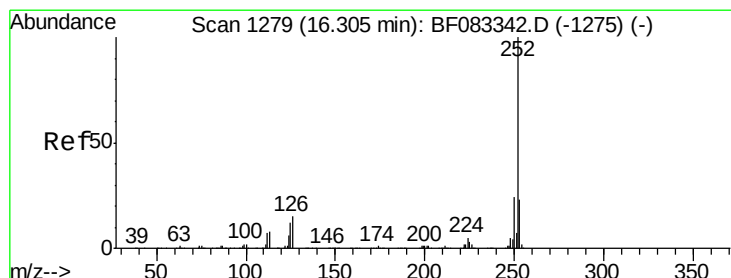
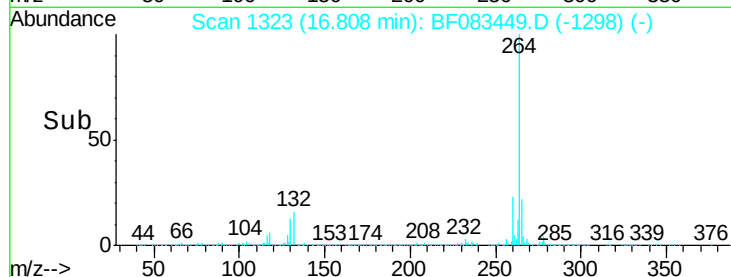
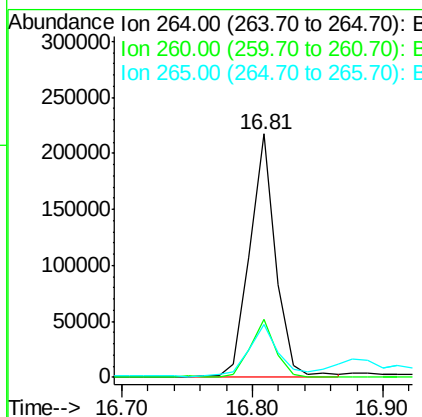
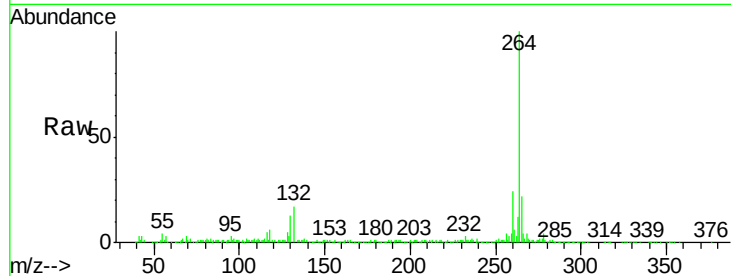


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF083449.D
Acq: 3 Dec 2015 7:55

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

Tot Ion:264 Resp: 299902

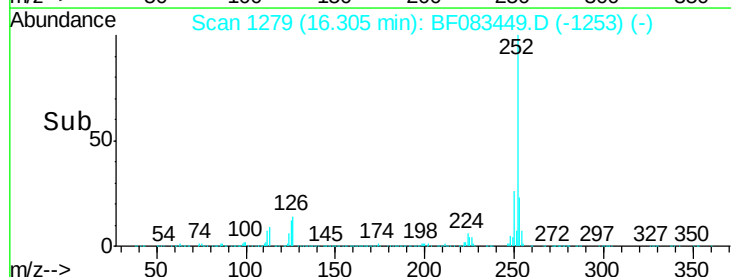
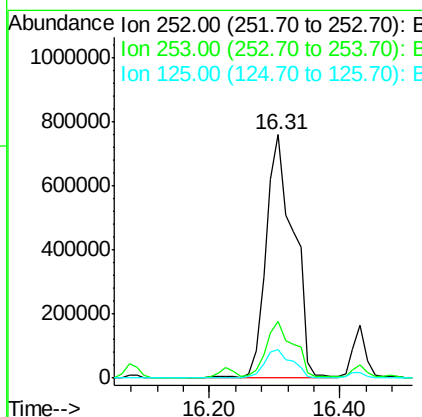
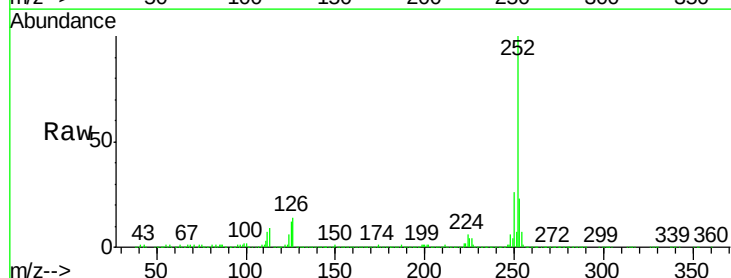
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	22.0	16.8	25.2

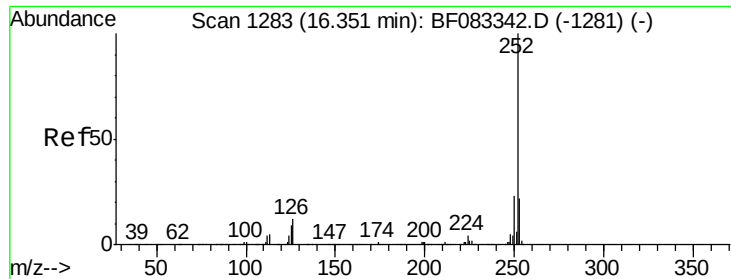


#87
Benzo(b)fluoranthene
Concen: 115.51 ng
RT: 16.31 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF083449.D
Acq: 3 Dec 2015 7:55

Tgt Ion:252 Resp: 2222689

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	12.0	9.6	14.4

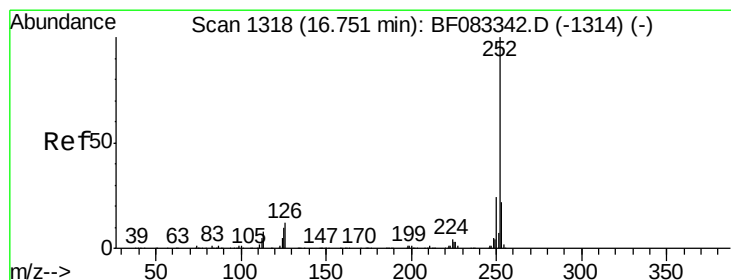
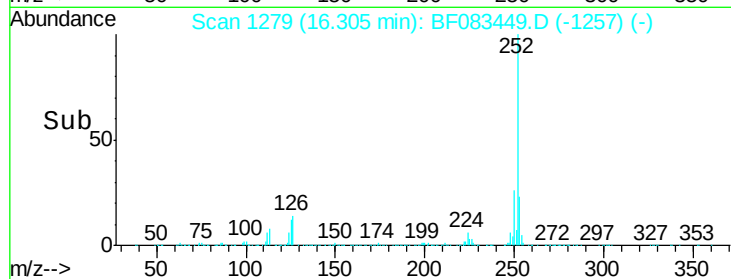
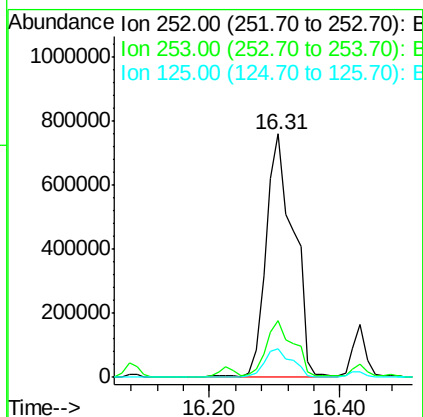
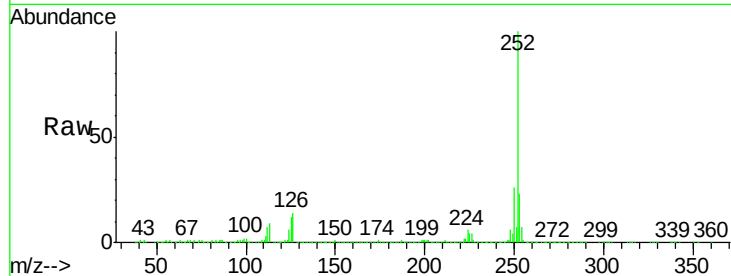




#88
Benzo(k)fluoranthene
Concen: 122.32 ng
RT: 16.31 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BF083449.D
Acq: 3 Dec 2015 7:55

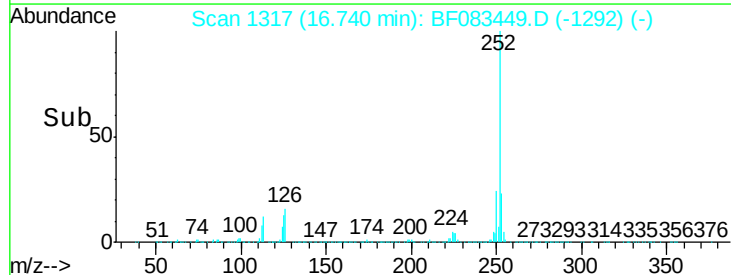
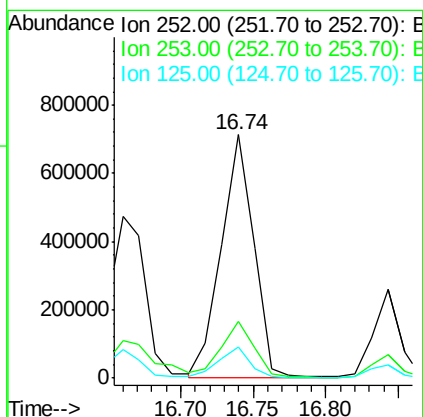
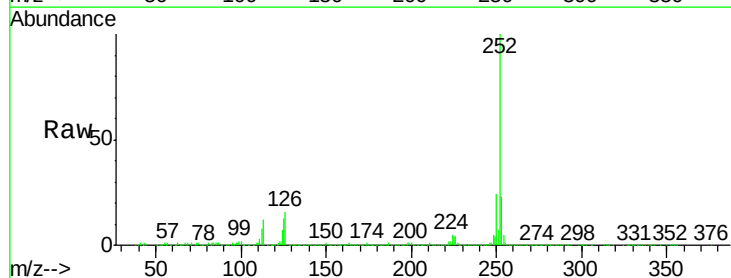
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-03(0-8)

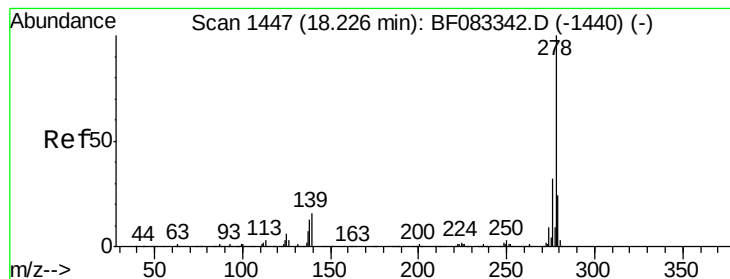
Tot Ion:252 Resp: 2222689
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 12.0 7.5 11.3#



#89
Benzo(a)pyrene
Concen: 67.29 ng
RT: 16.74 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF083449.D
Acq: 3 Dec 2015 7:55

Tgt Ion:252 Resp: 1112254
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 12.8 7.8 11.8#





#90

Dibenzo(a,h)anthracene

Concen: 14.05 ng

RT: 18.20 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-03(0-8)

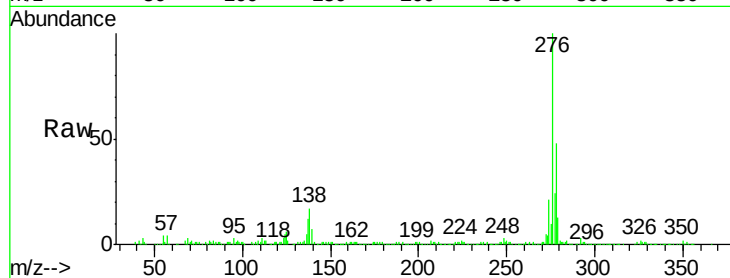
Tot Ion:278 Resp: 202408

Ion Ratio Lower Upper

278 100

139 14.1 13.1 19.7

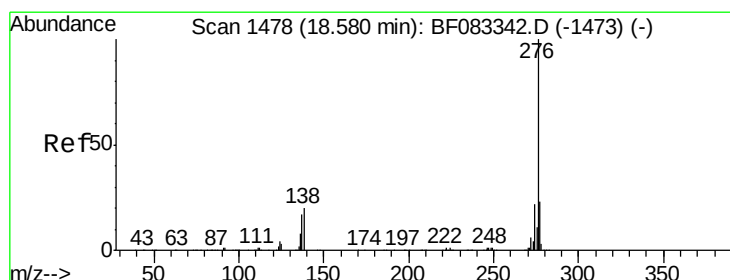
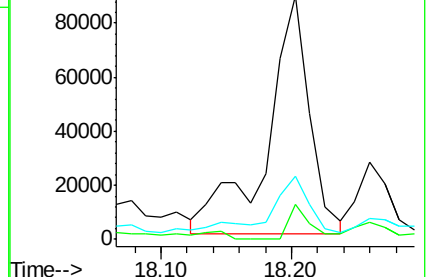
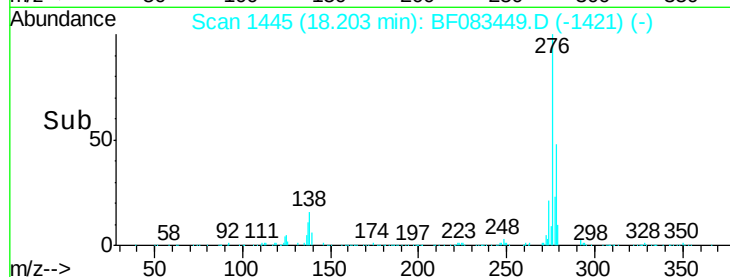
279 25.8 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 42.32 ng

RT: 18.57 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF083449.D

Acq: 3 Dec 2015 7:55

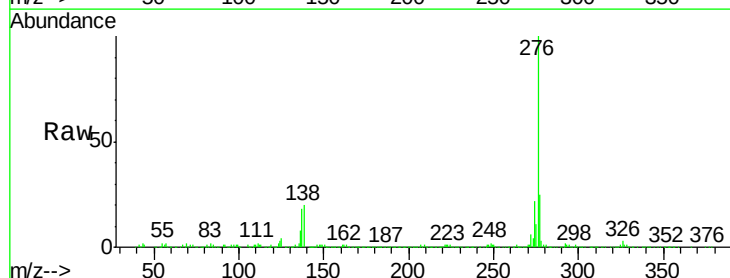
Tgt Ion:276 Resp: 598137

Ion Ratio Lower Upper

276 100

277 25.1 18.6 28.0

138 20.3 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

