

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089711.D
 Acq On : 10 Aug 2016 23:18
 Operator : UM/SJ
 Sample : H4400-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL2(0-6)

Quant Time: Aug 11 01:12:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	51369	20.00	ng	-0.05
21) Naphthalene-d8	9.43	136	205829	20.00	ng	-0.05
38) Acenaphthene-d10	12.25	164	89539	20.00	ng	-0.05
63) Phenanthrene-d10	14.65	188	142349	20.00	ng	-0.05
75) Chrysene-d12	18.38	240	108513	20.00	ng	-0.01
86) Perylene-d12	20.03	264	103827	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	325430	106.18	ng	-0.01
7) Phenol-d6	6.97	99	426938	102.69	ng	-0.01
23) Nitrobenzene-d5	8.31	82	263401	70.78	ng	-0.06
41) 2,4,6-Tribromophenol	13.54	330	62014	83.93	ng	-0.05
44) 2-Fluorobiphenyl	11.21	172	464319	67.39	ng	-0.05
78) Terphenyl-d14	17.03	244	301961	54.93	ng	-0.02

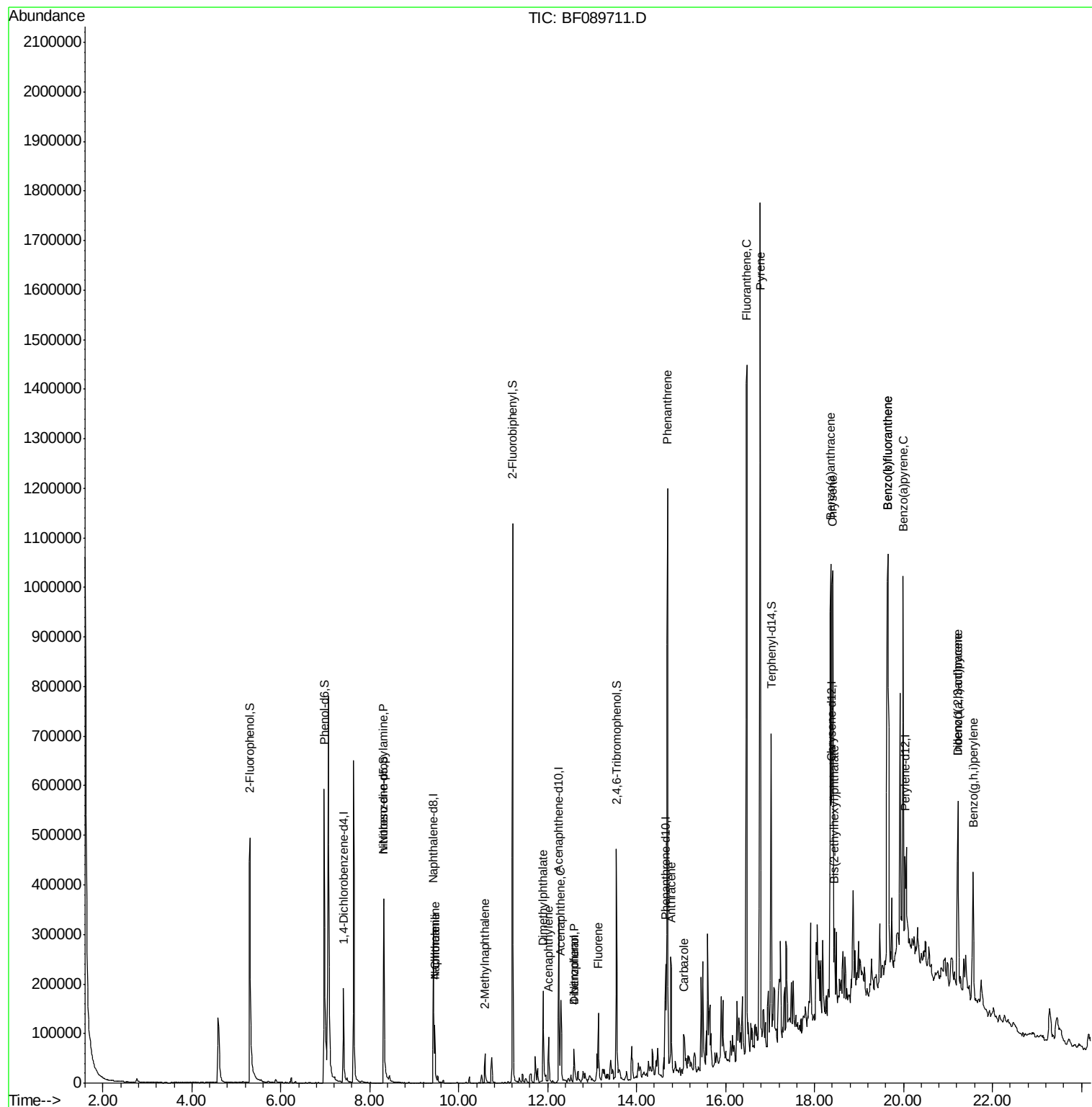
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.31	70	31397	10.45	ng	# 84
31) Naphthalene	9.46	128	80506	7.36	ng	99
33) 4-Chloroaniline	9.46	127	10265	2.50	ng	# 35
37) 2-Methylnaphthalene	10.59	142	28459	4.23	ng	97
48) Acenaphthylene	12.02	152	62974	6.31	ng	99
49) Dimethylphthalate	11.90	163	101104	14.41	ng	99
51) Acenaphthene	12.30	154	42569	7.39	ng	98
54) Dibenzofuran	12.59	168	46516	5.87	ng	97
55) 4-Nitrophenol	12.59	139	18910	21.59	ng	# 21
57) Fluorene	13.14	166	55918	8.26	ng	98
70) Phenanthrene	14.70	178	725852	93.78	ng	99
71) Anthracene	14.78	178	184464	22.23	ng	98
72) Carbazole	15.07	167	81259	11.75	ng	97
74) Fluoranthene	16.48	202	1073395	134.90	ng	95
77) Pyrene	16.78	202	891959	92.97	ng	# 95
80) Benzo(a)anthracene	18.37	228	527964	84.68	ng	99
82) Chrysene	18.41	228	524054	80.12	ng	97
83) Bis(2-ethylhexyl)phthalate	18.45	149	46123	8.16	ng	98
85) Indeno(1,2,3-cd)pyrene	21.22	276	224697	45.24	ng	96
87) Benzo(b)fluoranthene	19.65	252	821349	128.62	ng	# 94
88) Benzo(k)fluoranthene	19.65	252	821349	127.49	ng	97
89) Benzo(a)pyrene	19.99	252	393252	65.77	ng	97
90) Dibenzo(a,h)anthracene	21.22	278	63144	11.31	ng	# 91
91) Benzo(g,h,i)perylene	21.57	276	202437	35.40	ng	94

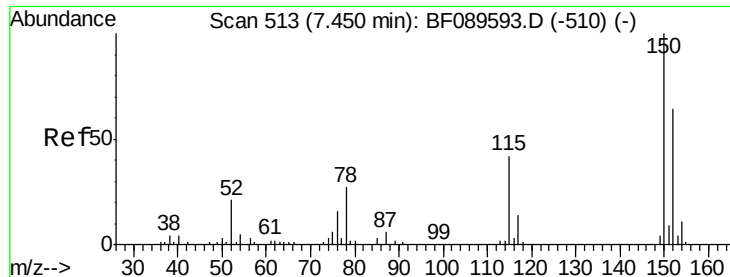
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.05 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Instrument :

BNA_F

ClientSampleId :

DEL2(0-6)

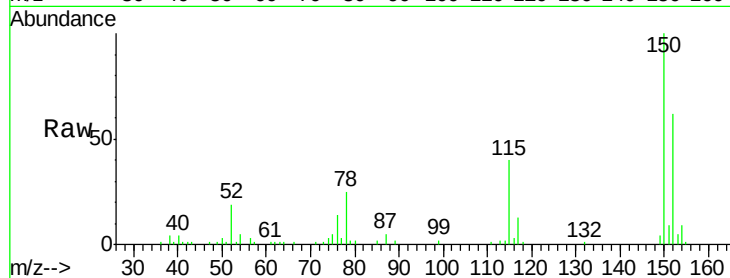
Tgt Ion:152 Resp: 51369

Ion Ratio Lower Upper

152 100

150 160.8 125.5 188.3

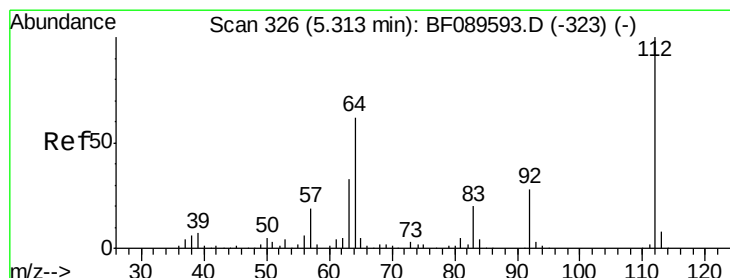
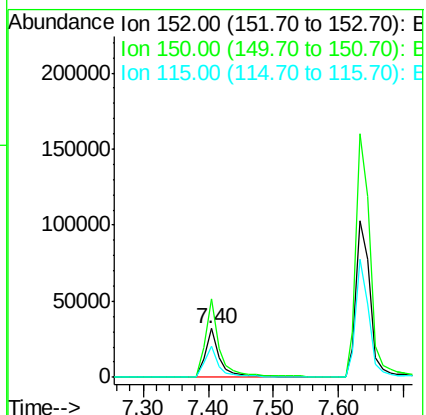
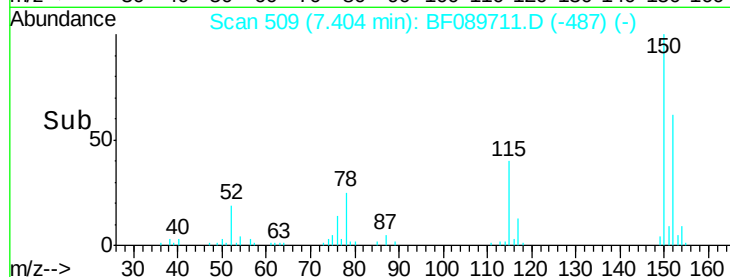
115 64.2 52.0 78.0



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: 106.18 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.01 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

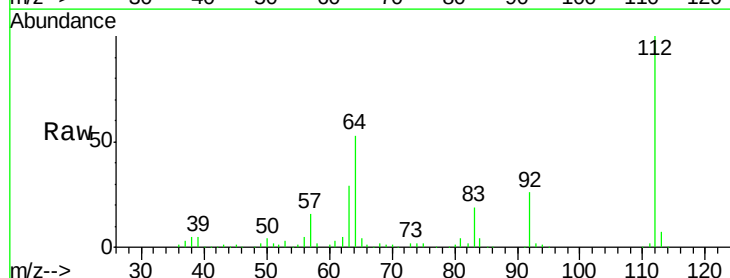
Tgt Ion:112 Resp: 325430

Ion Ratio Lower Upper

112 100

64 53.4 49.9 74.9

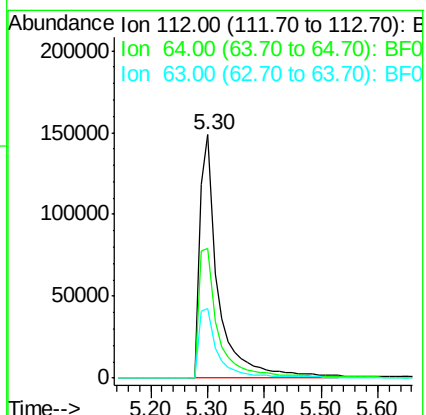
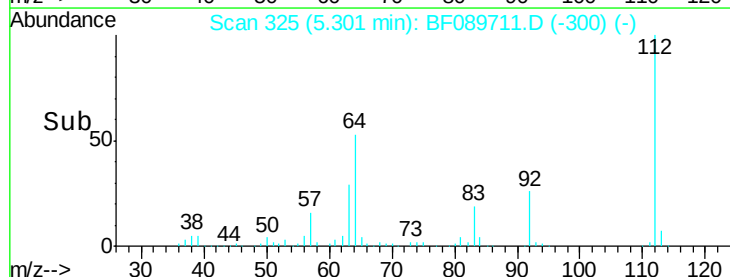
63 28.7 26.1 39.1

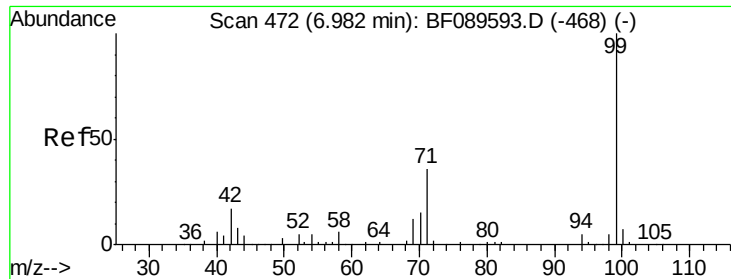


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.69 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Instrument :

BNA_F

ClientSampleId :

DEL2(0-6)

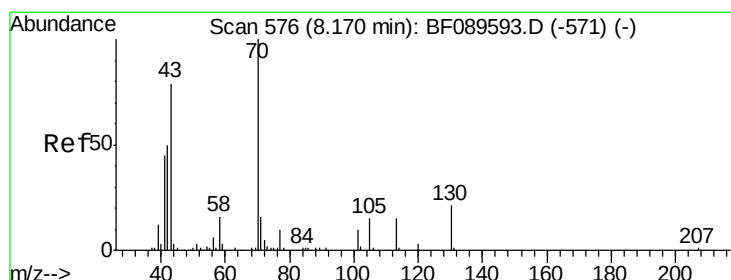
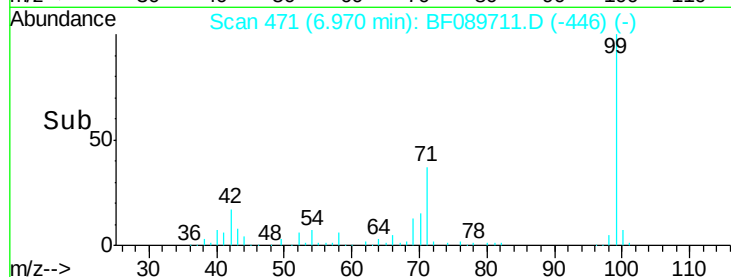
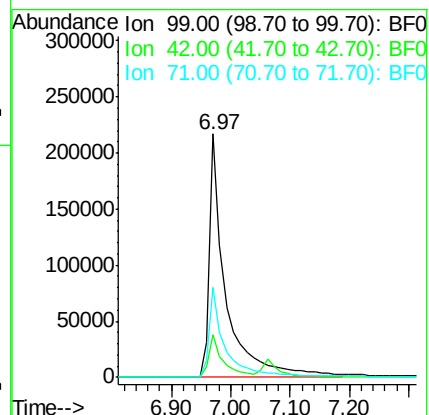
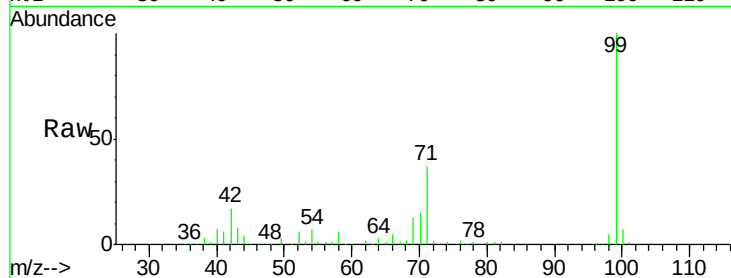
Tgt Ion: 99 Resp: 426938

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 36.8 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.45 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.14 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Tgt Ion: 70 Resp: 31397

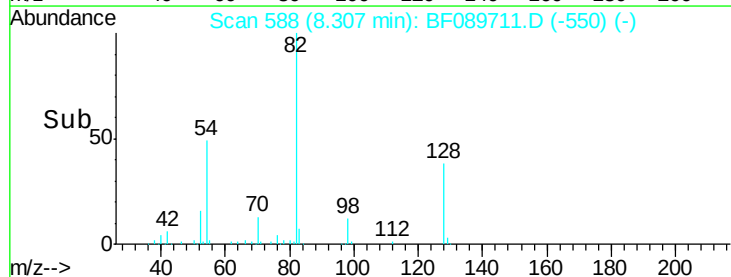
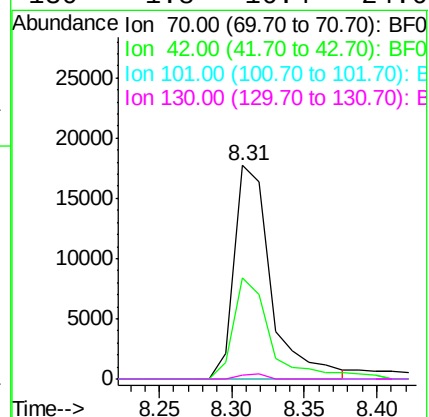
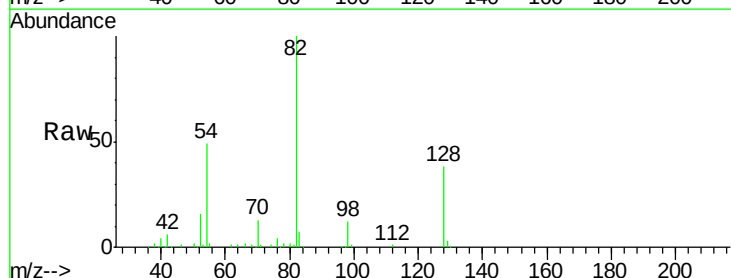
Ion Ratio Lower Upper

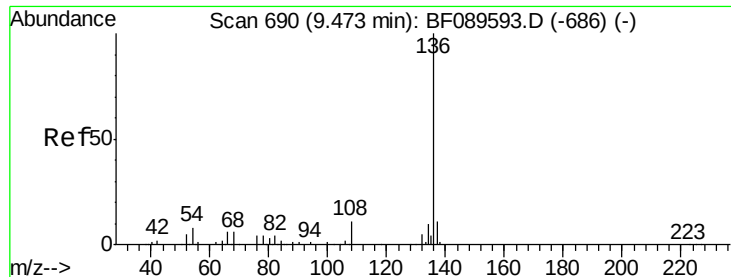
70 100

42 47.5 40.2 60.2

101 0.0 7.8 11.6#

130 1.8 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.05 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Instrument :

BNA_F

ClientSampleId :

DEL2(0-6)

Tgt Ion: 136 Resp: 205829

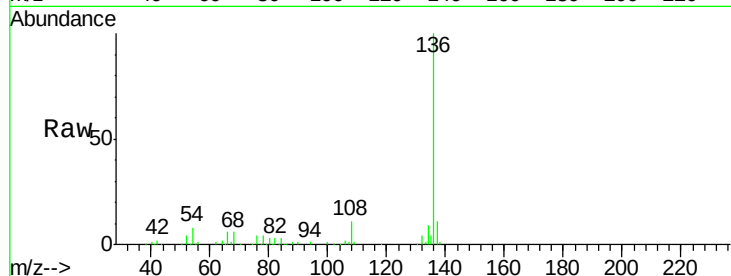
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 7.6 6.0 9.0

68 5.7 4.6 6.8

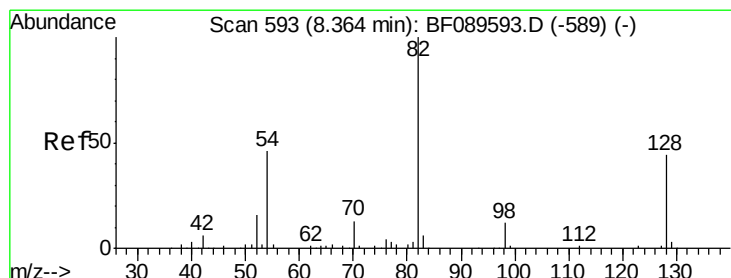
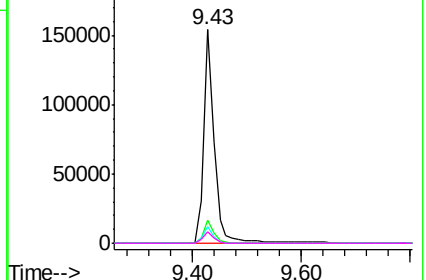
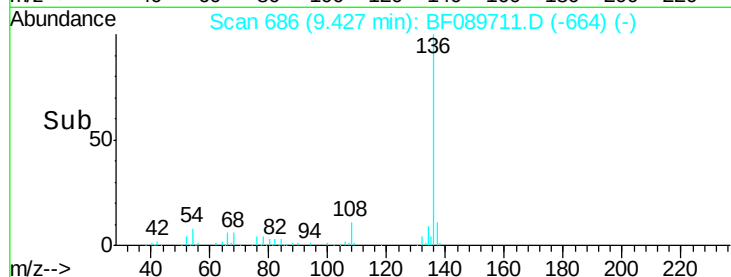


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.78 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.06 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

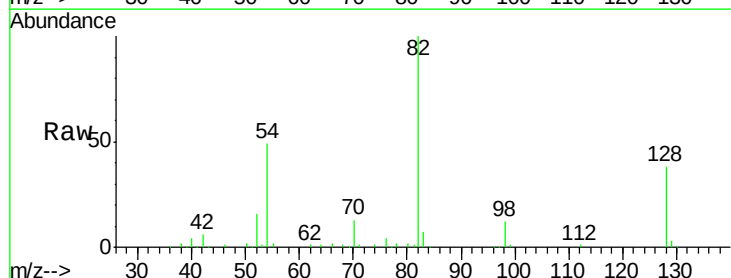
Tgt Ion: 82 Resp: 263401

Ion Ratio Lower Upper

82 100

128 38.4 35.4 53.0

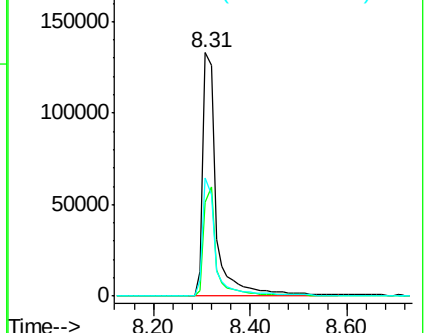
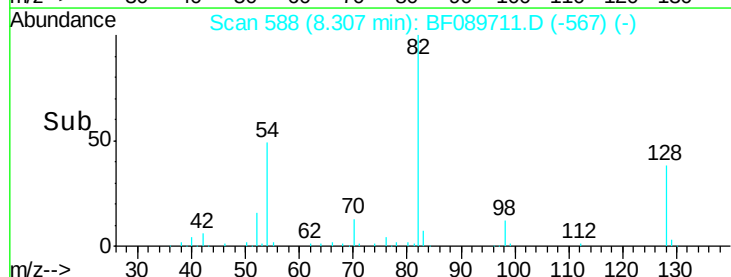
54 48.7 36.4 54.6

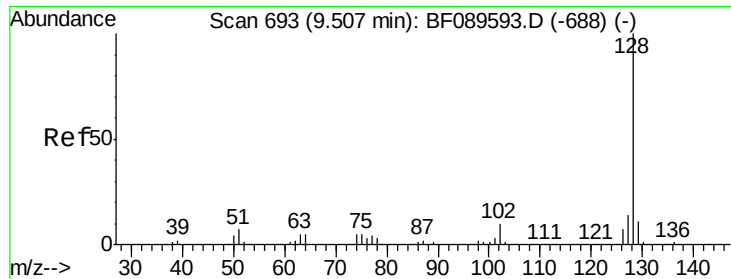


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

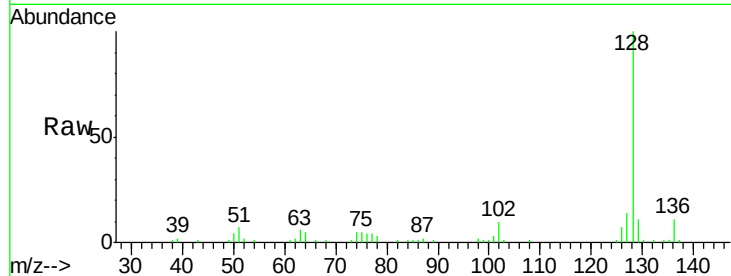




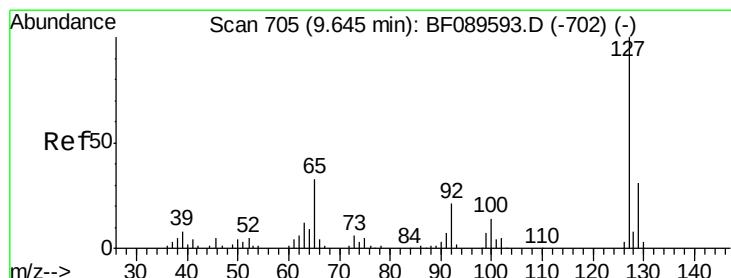
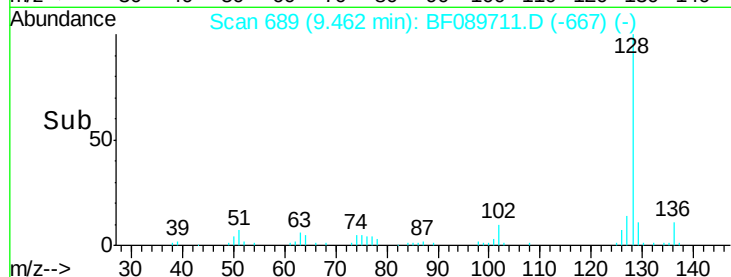
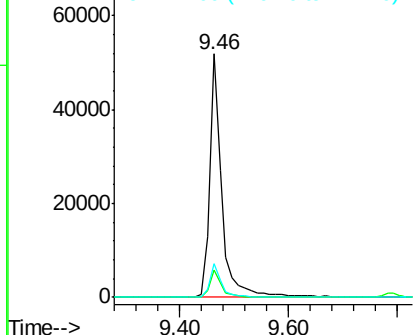
#31
Naphthalene
Concen: 7.36 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF089711.D
Acq: 10 Aug 2016 23:18

Instrument :
BNA_F
ClientSampleId :
DEL2(0-6)

Tgt Ion:128 Resp: 80506
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.9 10.9 16.3

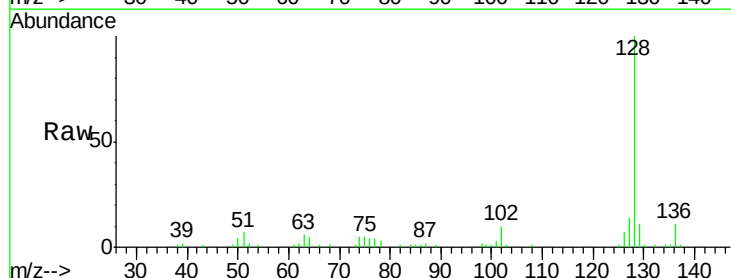


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

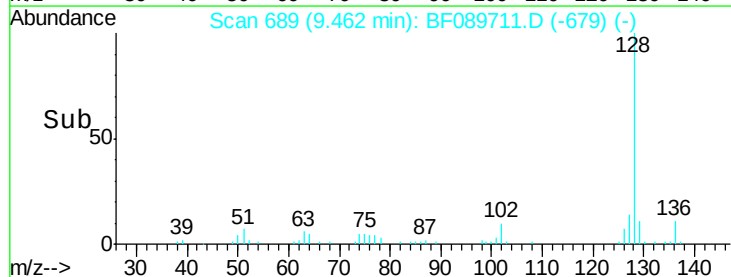
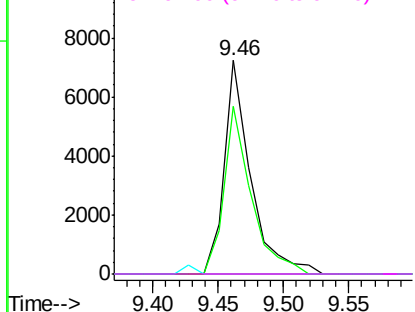


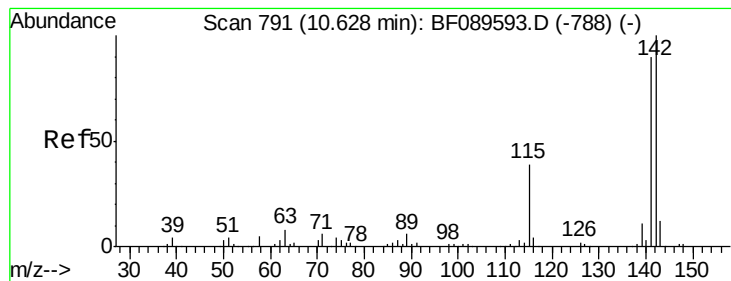
#33
4-Chloroaniline
Concen: 2.50 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.18 min
Lab File: BF089711.D
Acq: 10 Aug 2016 23:18

Tgt Ion:127 Resp: 10265
Ion Ratio Lower Upper
127 100
129 78.6 25.1 37.7#
65 0.0 26.2 39.2#
92 0.0 16.9 25.3#



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: 4.23 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Instrument :

BNA_F

ClientSampleId :

DEL2(0-6)

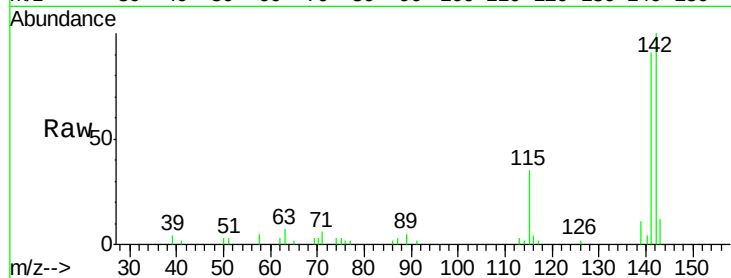
Tgt Ion:142 Resp: 28459

Ion Ratio Lower Upper

142 100

141 91.2 71.8 107.6

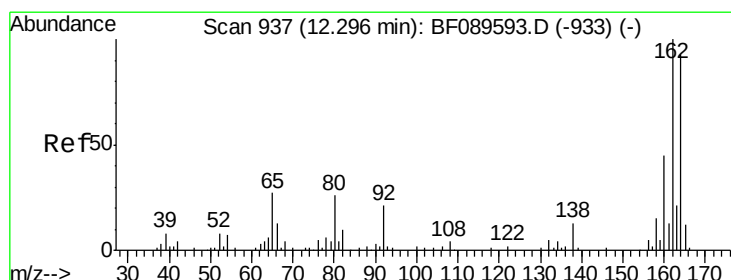
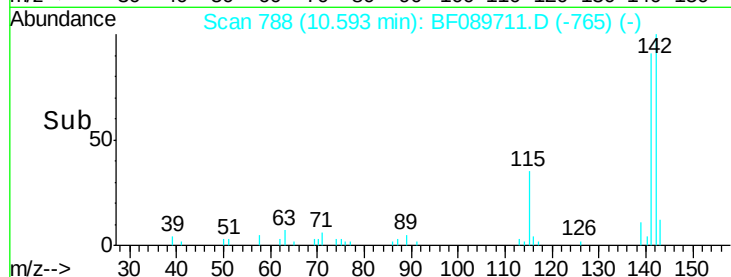
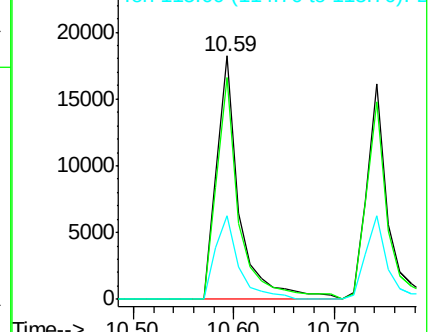
115 34.6 31.0 46.4



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: 12.25 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

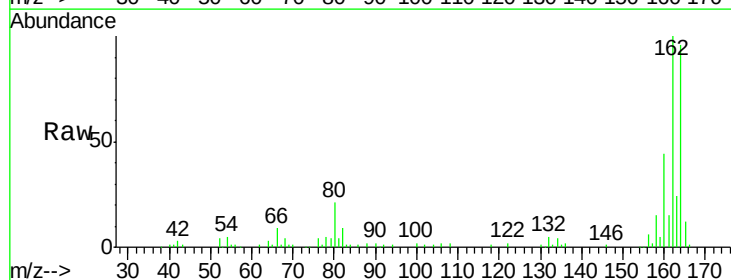
Tgt Ion:164 Resp: 89539

Ion Ratio Lower Upper

164 100

162 104.5 85.7 128.5

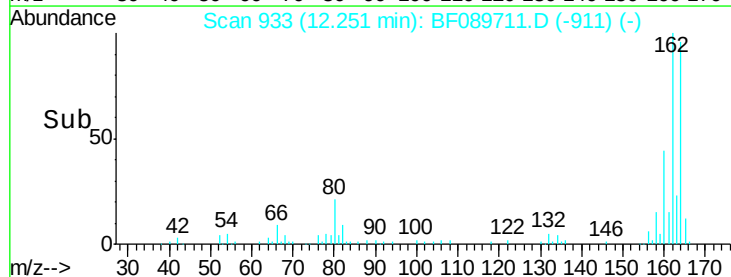
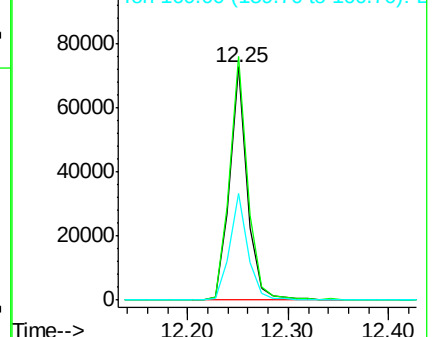
160 45.8 38.2 57.4

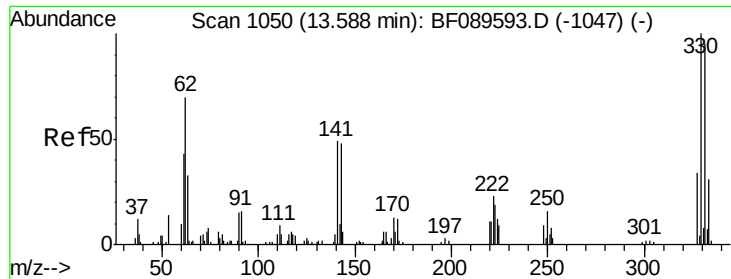


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

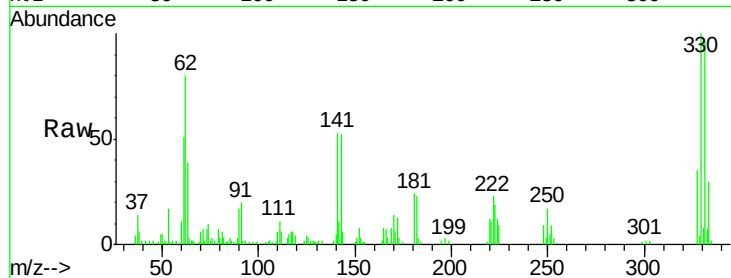




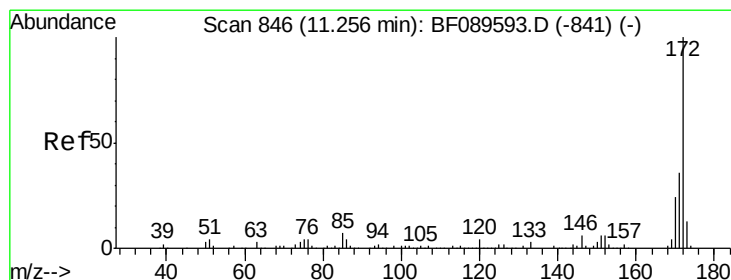
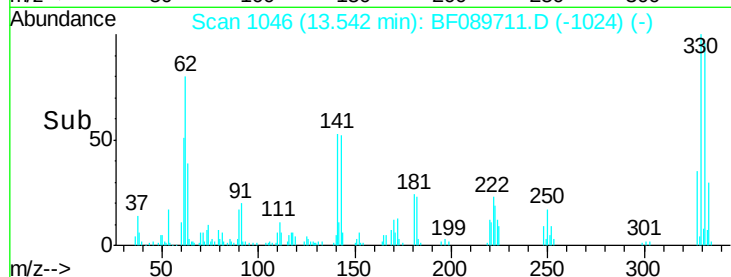
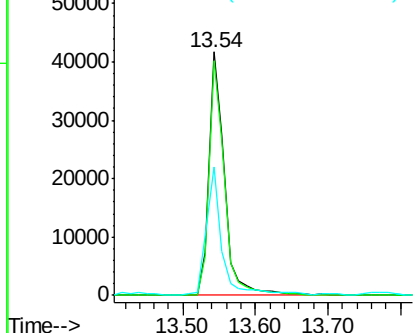
#41
 2,4,6-Tribromophenol
 Concen: 83.93 ng
 RT: 13.54 min Scan# 1046
 Delta R.T. -0.05 min
 Lab File: BF089711.D
 Acq: 10 Aug 2016 23:18

Instrument :
 BNA_F
 ClientSampled :
 DEL2(0-6)

Tgt Ion:330 Resp: 62014
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 54.0 38.6 57.8

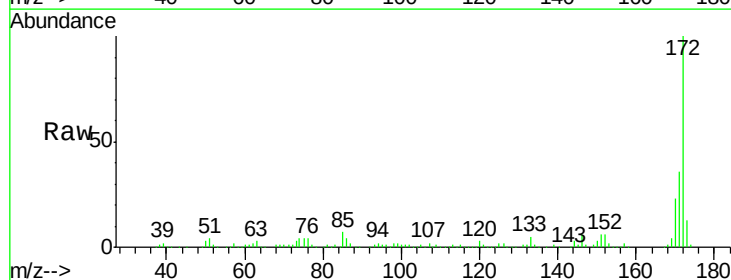


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

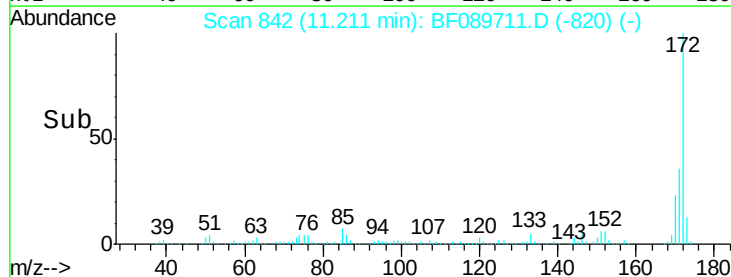
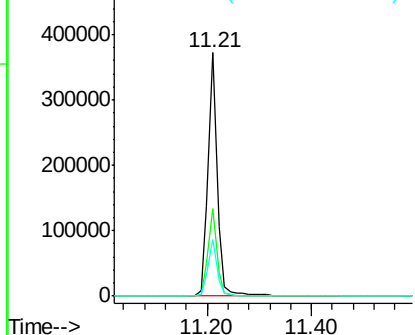


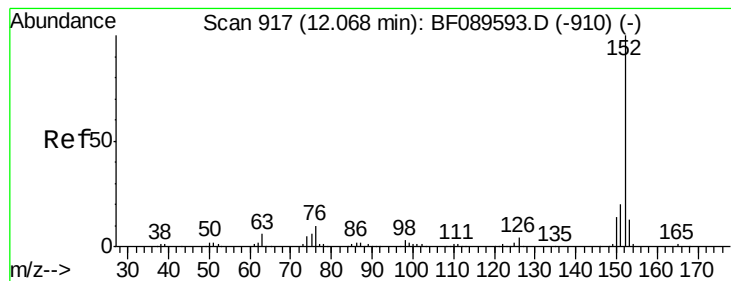
#44
 2-Fluorobiphenyl
 Concen: 67.39 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF089711.D
 Acq: 10 Aug 2016 23:18

Tgt Ion:172 Resp: 464319
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.5 19.0 28.6



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: 6.31 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Instrument :

BNA_F

ClientSampleId :

DEL2(0-6)

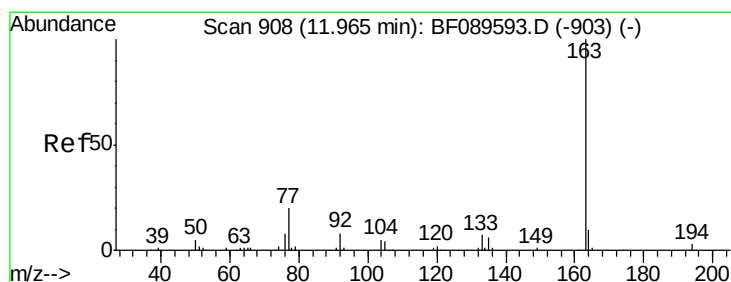
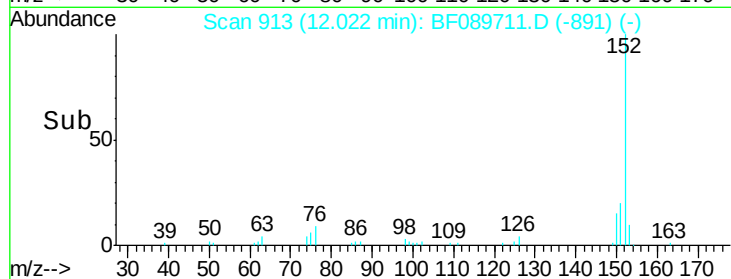
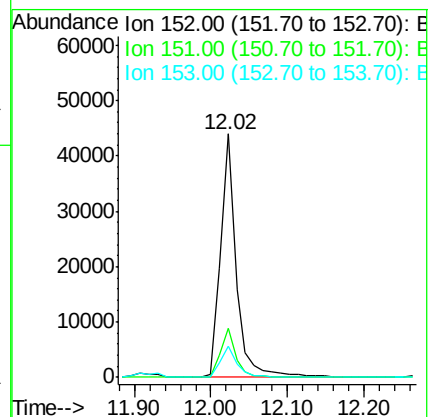
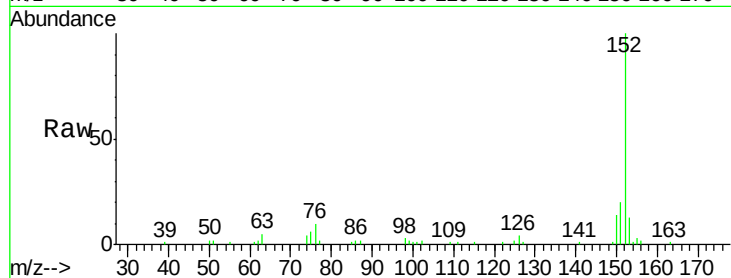
Tgt Ion:152 Resp: 62974

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 12.8 10.5 15.7



#49

Dimethylphthalate

Concen: 14.41 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.07 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

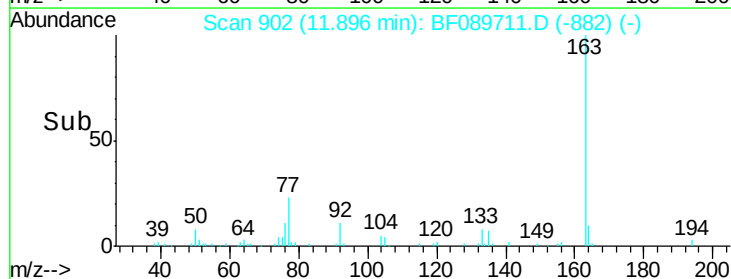
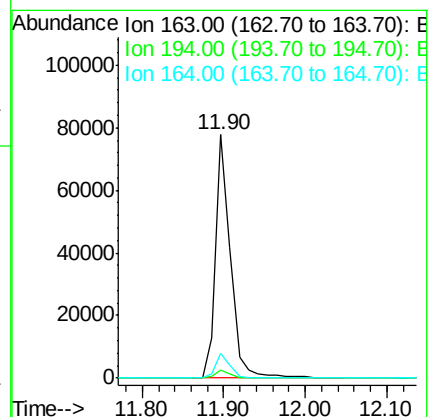
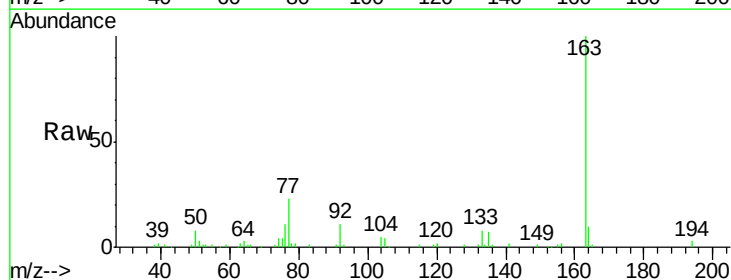
Tgt Ion:163 Resp: 101104

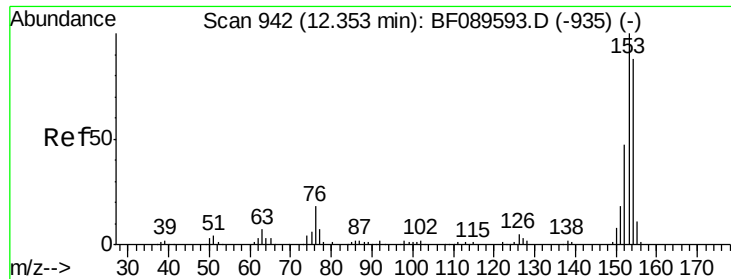
Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

164 10.2 7.8 11.6





#51

Acenaphthene

Concen: 7.39 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.06 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Instrument :

BNA_F

ClientSampleId :

DEL2(0-6)

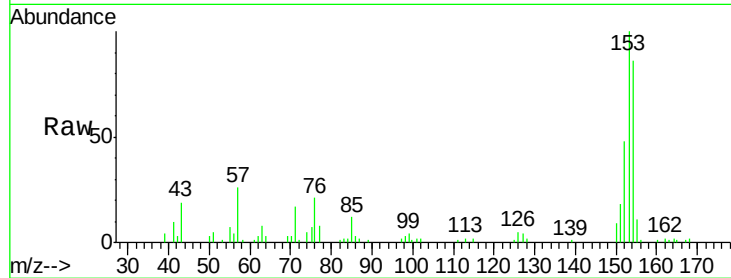
Tgt Ion:154 Resp: 42569

Ion Ratio Lower Upper

154 100

153 116.0 91.1 136.7

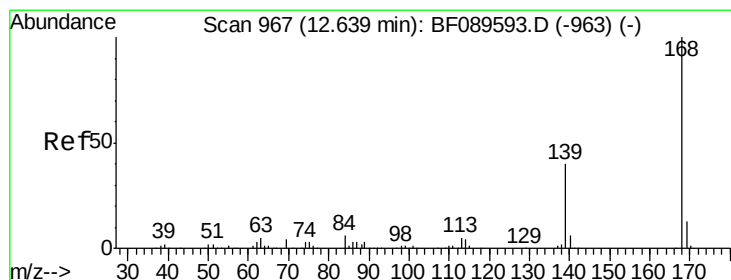
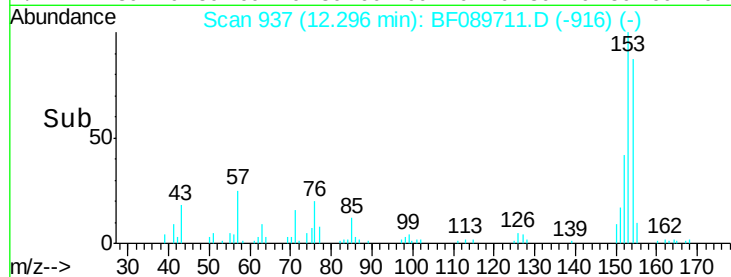
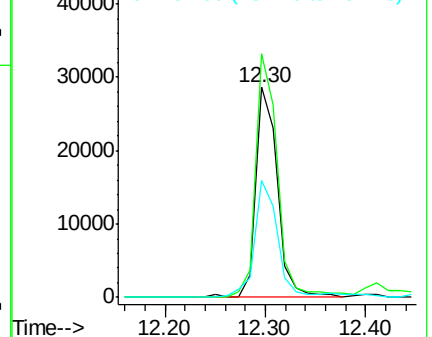
152 55.7 43.5 65.3



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



#54

Dibenzofuran

Concen: 5.87 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.05 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

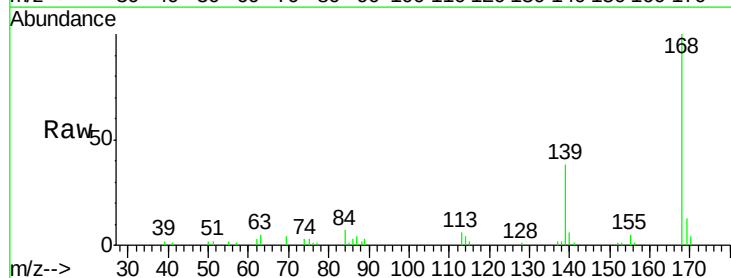
Tgt Ion:168 Resp: 46516

Ion Ratio Lower Upper

168 100

139 38.2 32.3 48.5

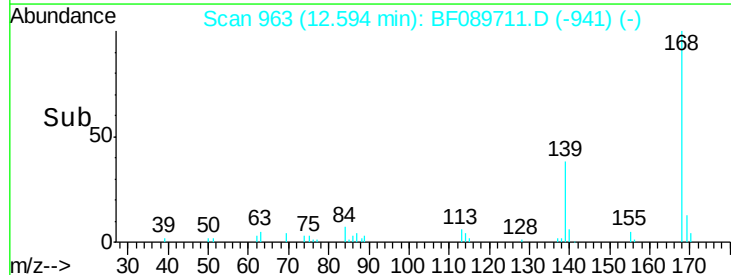
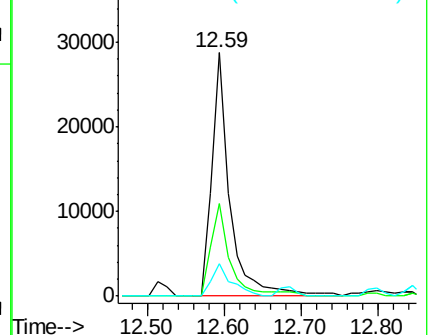
169 13.4 10.6 15.8

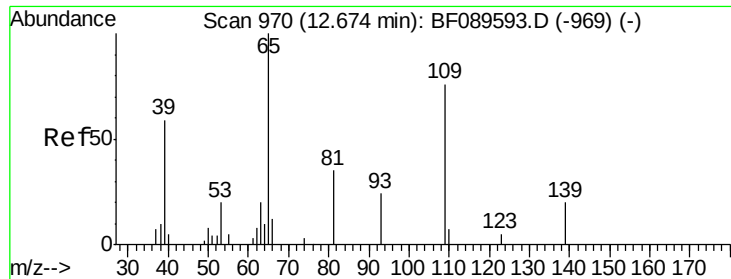


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

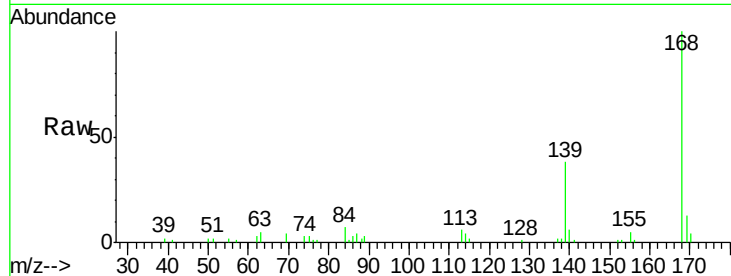




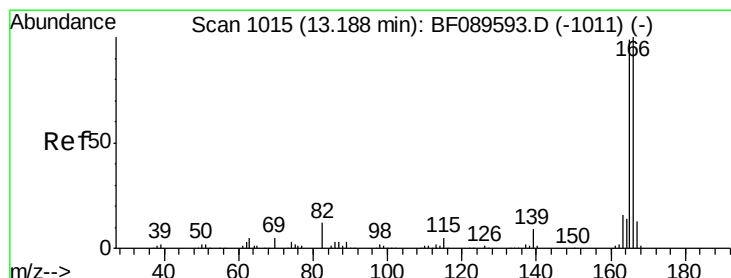
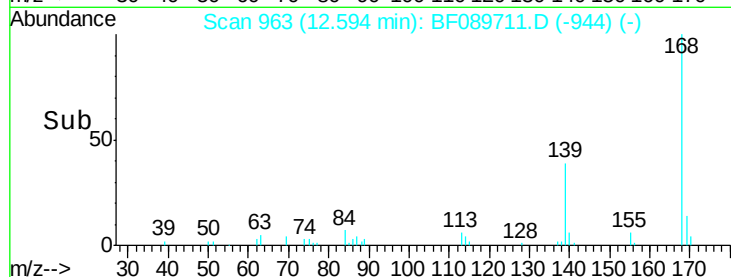
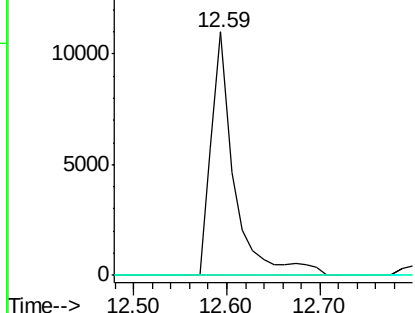
#55
4-Nitrophenol
Concen: 21.59 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.08 min
Lab File: BF089711.D
Acq: 10 Aug 2016 23:18

Instrument :
BNA_F
ClientSampleId :
DEL2(0-6)

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	28.9	68.9#
65	0.0	49.2	89.2#

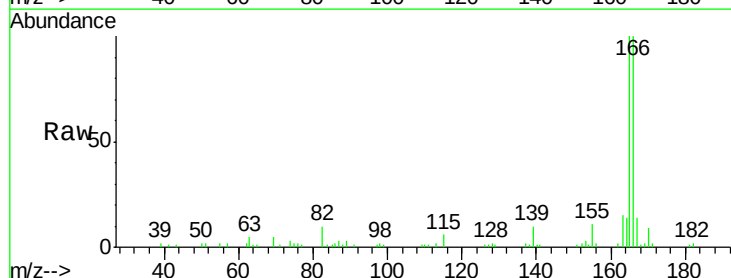


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

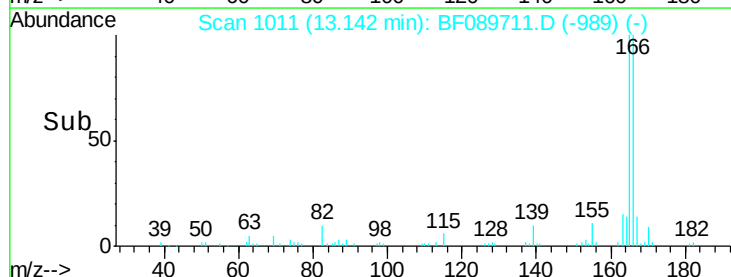
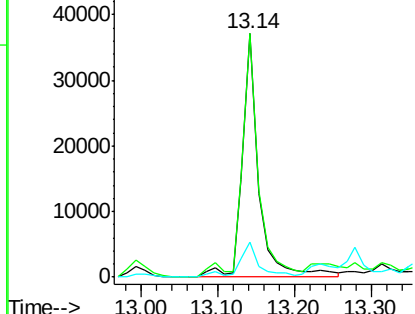


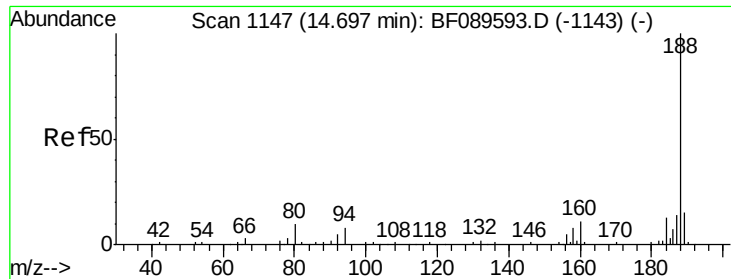
#57
Fluorene
Concen: 8.26 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF089711.D
Acq: 10 Aug 2016 23:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.9	118.3
167	14.5	10.4	15.6



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

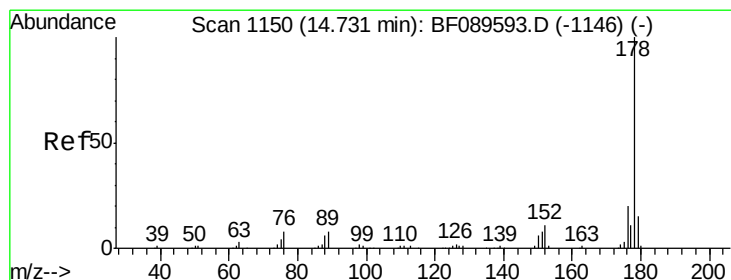
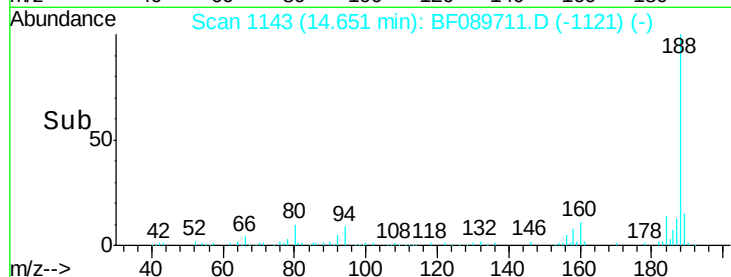
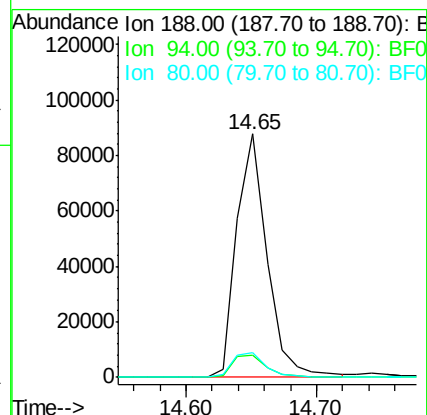
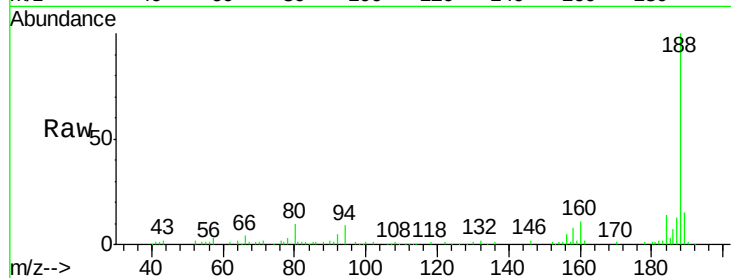




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1143
 Delta R.T. -0.05 min
 Lab File: BF089711.D
 Acq: 10 Aug 2016 23:18

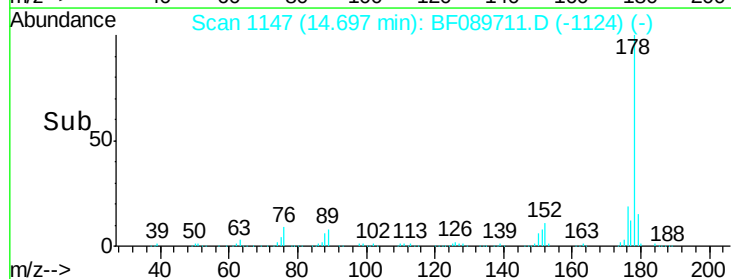
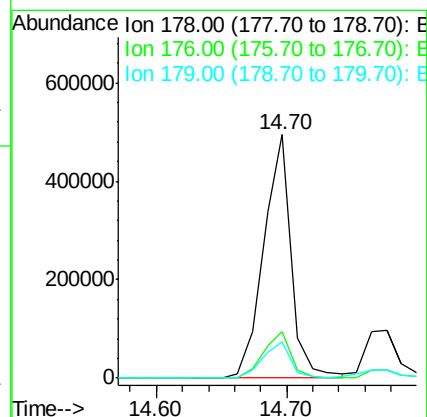
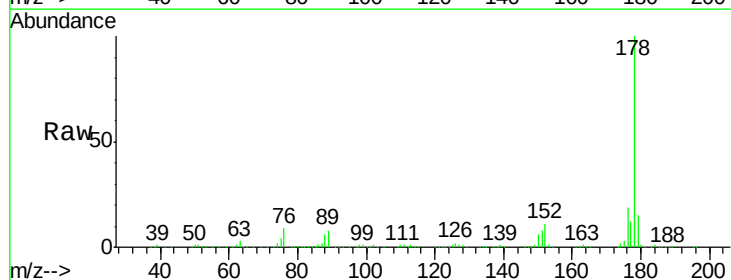
Instrument :
 BNA_F
 ClientSampleId :
 DEL2(0-6)

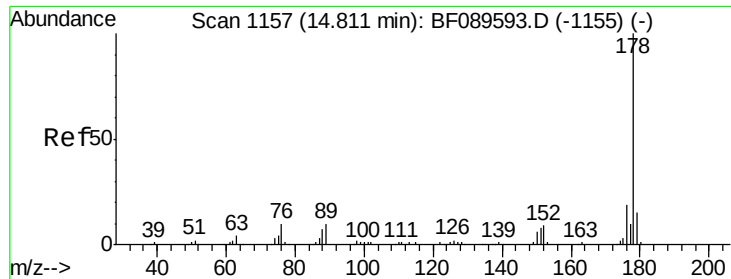
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.5	9.7
80	10.2	8.0	12.0



#70
 Phenanthrene
 Concen: 93.78 ng
 RT: 14.70 min Scan# 1147
 Delta R.T. -0.03 min
 Lab File: BF089711.D
 Acq: 10 Aug 2016 23:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.2	12.2	18.2

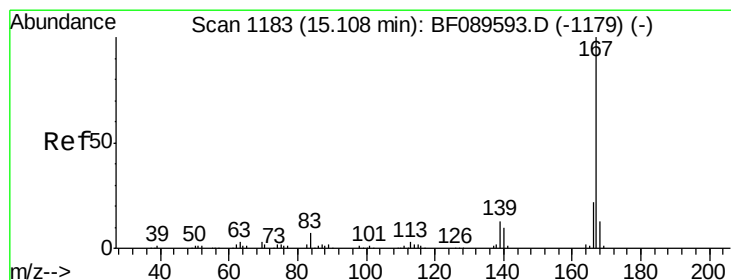
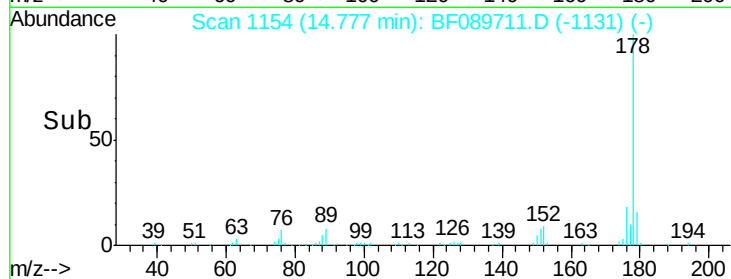
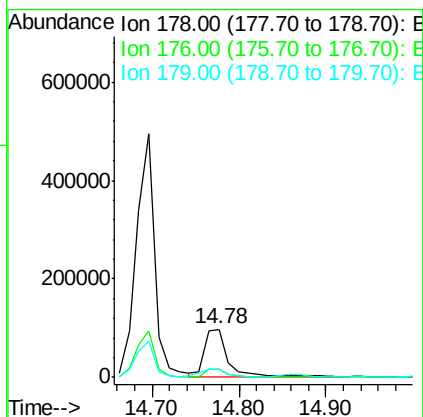
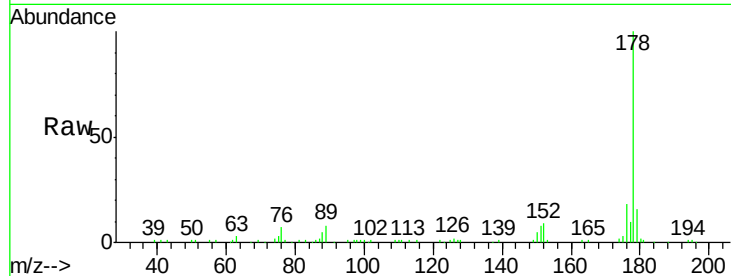




#71
 Anthracene
 Concen: 22.23 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BF089711.D
 Acq: 10 Aug 2016 23:18

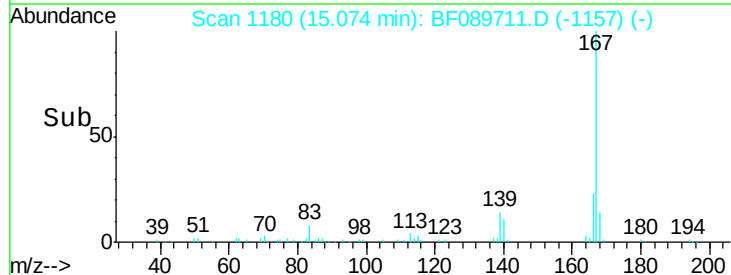
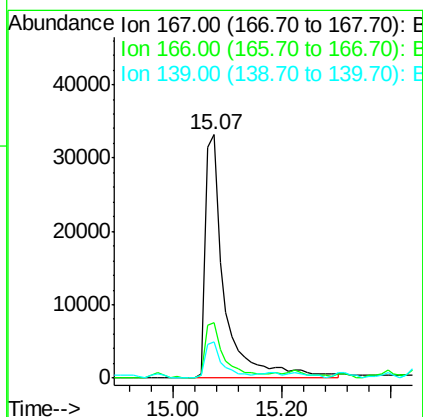
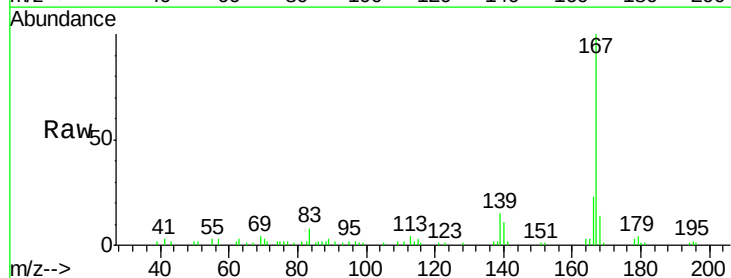
Instrument :
 BNA_F
 ClientSampleId :
 DEL2(0-6)

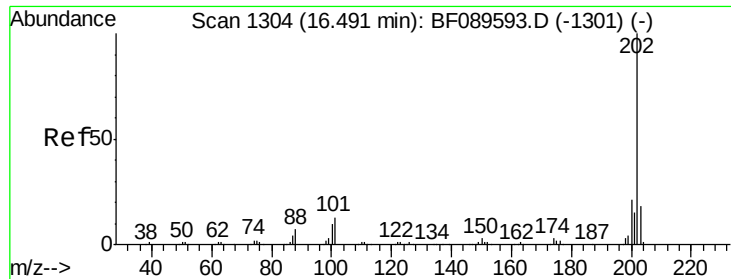
Tgt Ion:178 Resp: 184464
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.0 22.4
 179 16.3 12.4 18.6



#72
 Carbazole
 Concen: 11.75 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF089711.D
 Acq: 10 Aug 2016 23:18

Tgt Ion:167 Resp: 81259
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.5 26.3
 139 14.8 10.4 15.6





#74

Fluoranthene

Concen: 134.90 ng

RT: 16.48 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Instrument :

BNA_F

ClientSampleId :

DEL2(0-6)

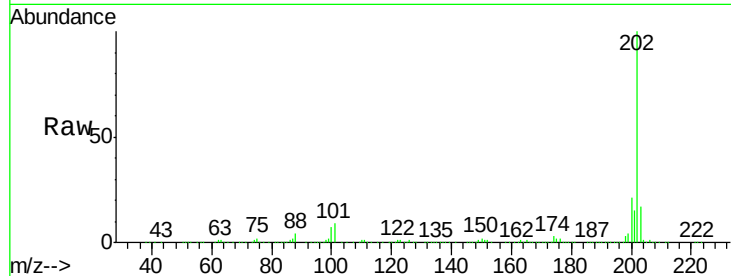
Tgt Ion:202 Resp: 1073395

Ion Ratio Lower Upper

202 100

101 9.2 0.0 32.7

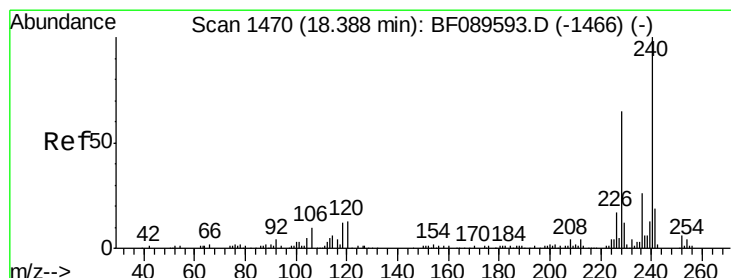
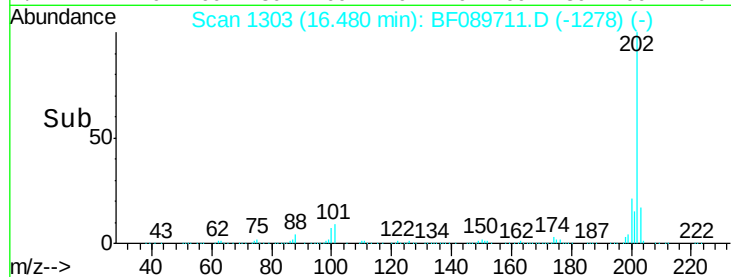
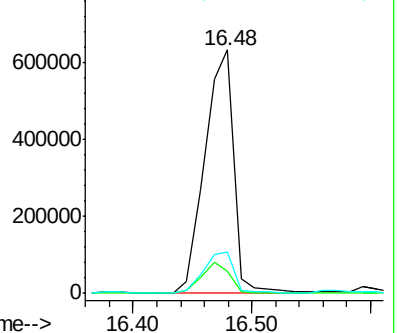
203 17.1 0.0 37.8



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

RT: 18.38 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

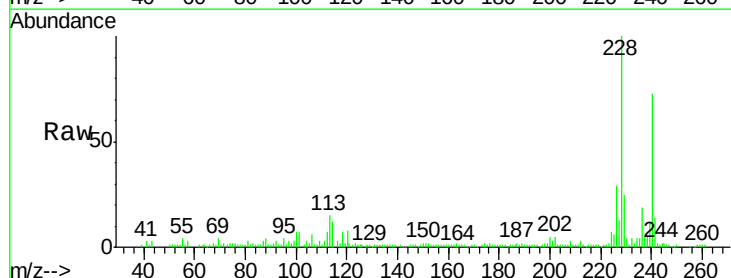
Tgt Ion:240 Resp: 108513

Ion Ratio Lower Upper

240 100

120 10.8 10.6 15.8

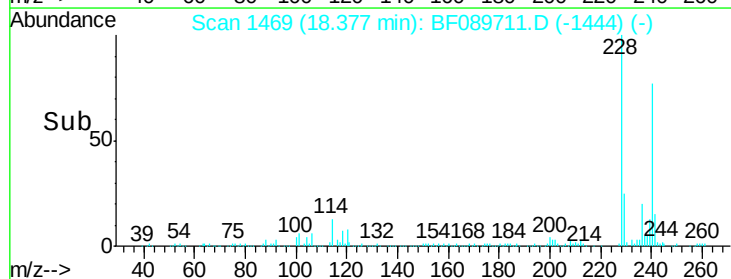
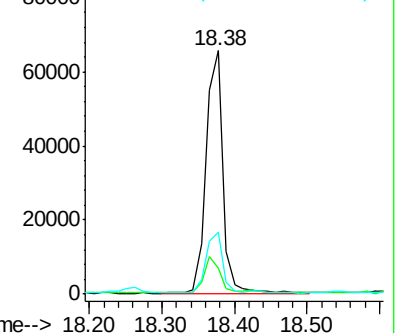
236 25.4 20.6 30.8

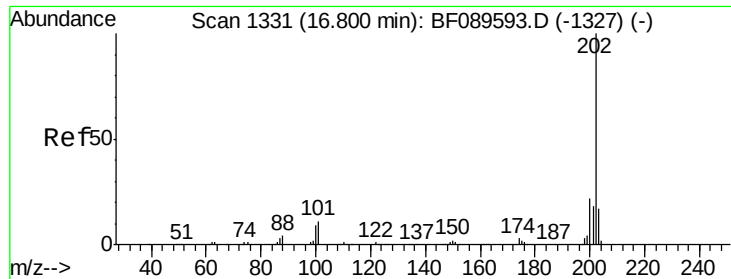


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

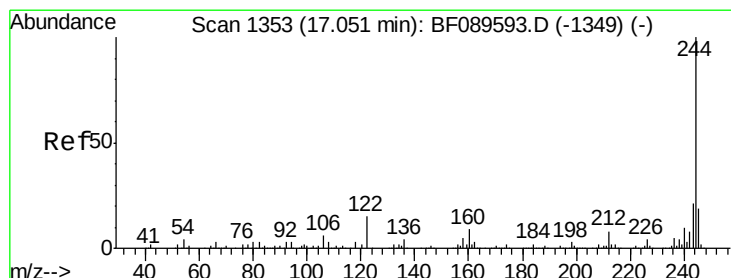
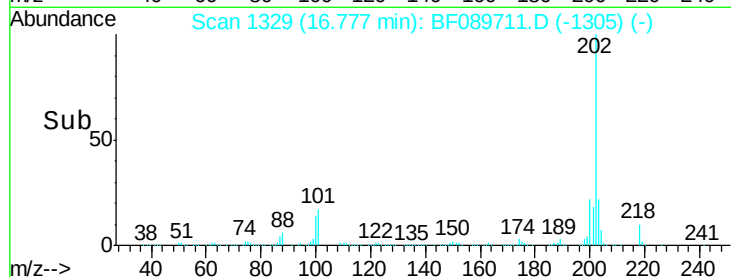
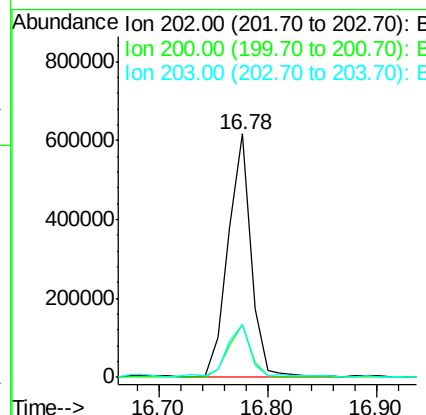
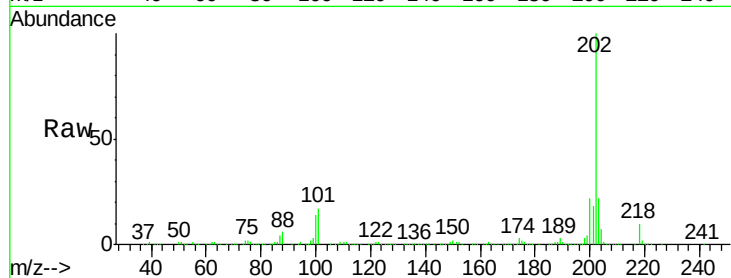




#77
 Pyrene
 Concen: 92.97 ng
 RT: 16.78 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF089711.D
 Acq: 10 Aug 2016 23:18

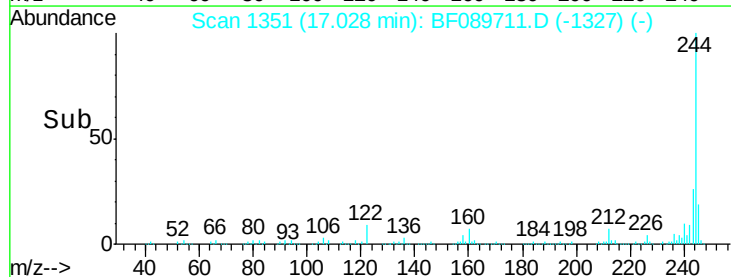
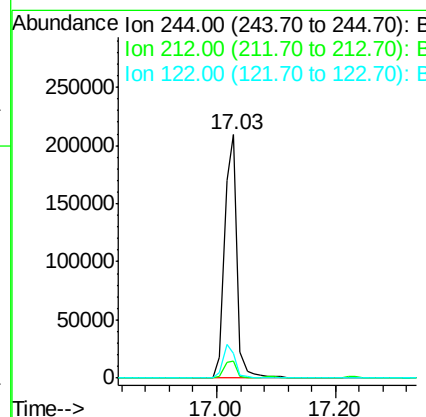
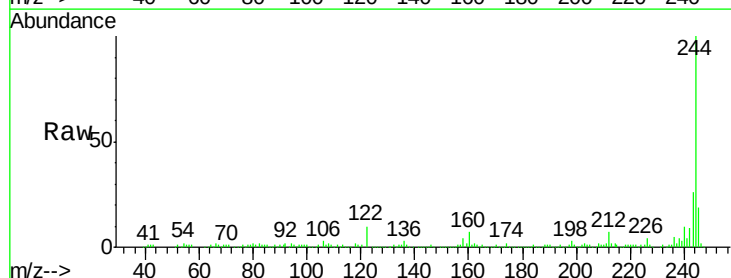
Instrument :
 BNA_F
 ClientSampleId :
 DEL2(0-6)

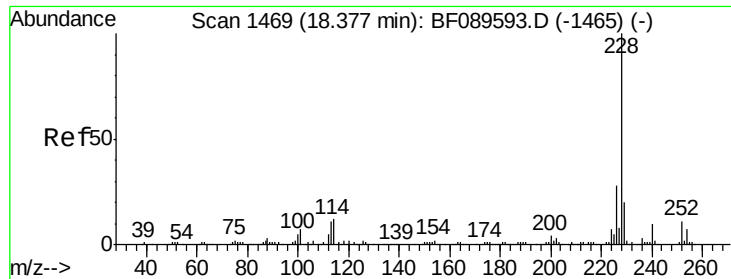
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.0
203	21.7	13.6	20.4



#78
 Terphenyl-d14
 Concen: 54.93 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF089711.D
 Acq: 10 Aug 2016 23:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	10.0	12.2	18.2





#80

Benzo(a)anthracene

Concen: 84.68 ng

RT: 18.37 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Instrument :

BNA_F

ClientSampleId :

DEL2(0-6)

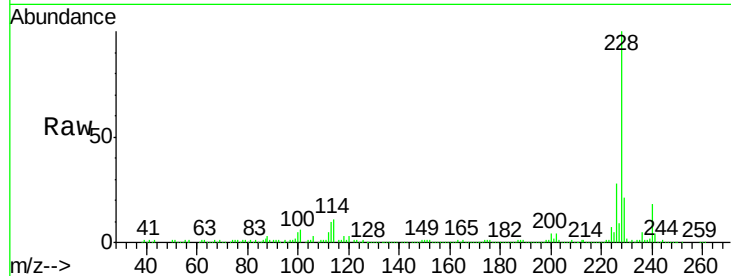
Tgt Ion:228 Resp: 527964

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

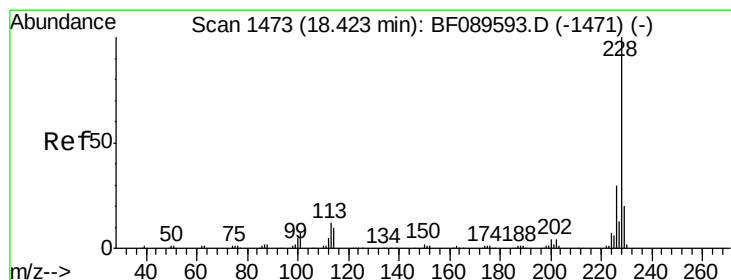
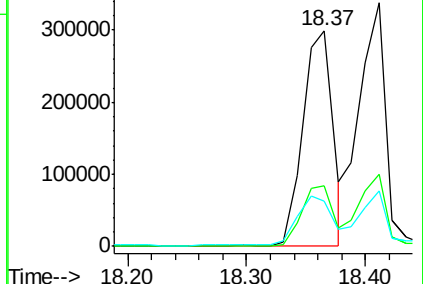
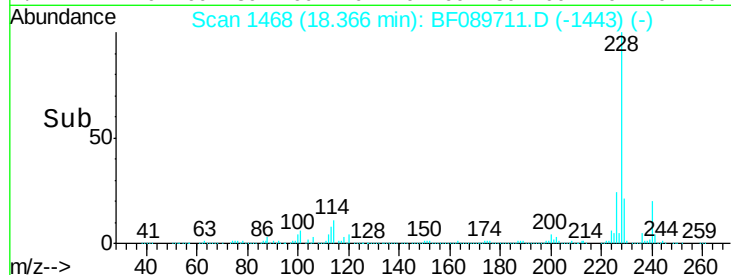
229 20.9 15.9 23.9



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



#82

Chrysene

Concen: 80.12 ng

RT: 18.41 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

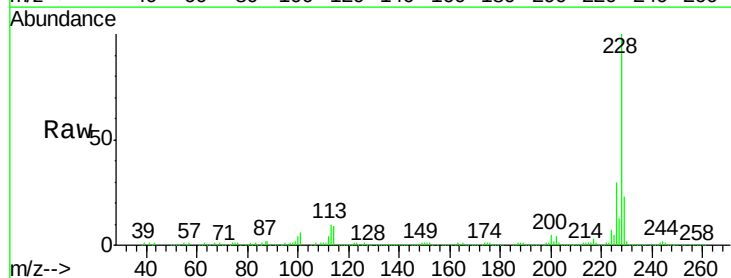
Tgt Ion:228 Resp: 524054

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

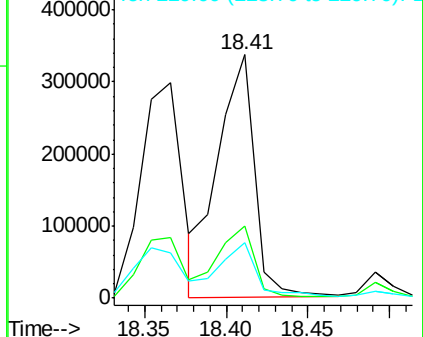
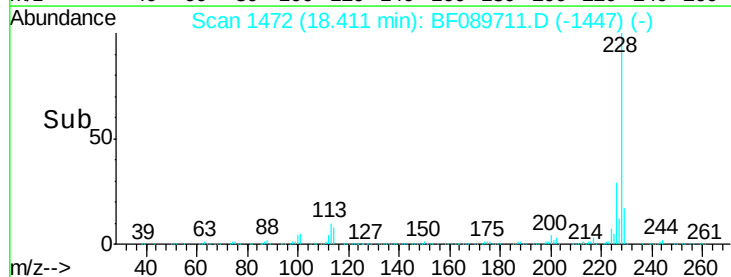
229 22.5 16.0 24.0

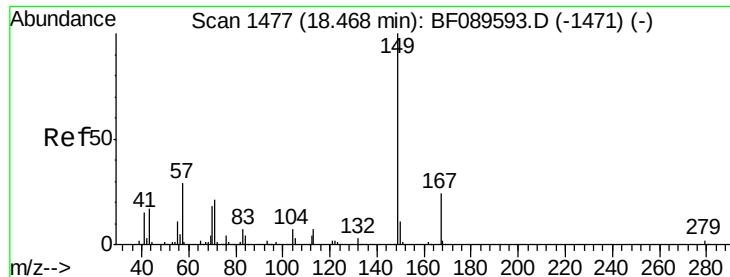


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.16 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Instrument :

BNA_F

ClientSampleId :

DEL2(0-6)

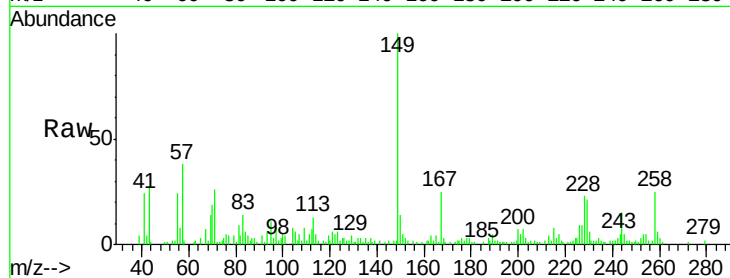
Tgt Ion:149 Resp: 46123

Ion Ratio Lower Upper

149 100

167 24.7 19.0 28.4

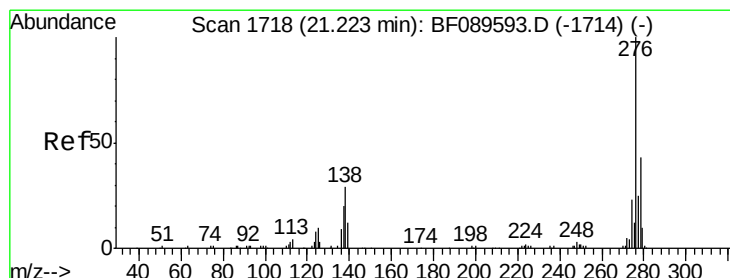
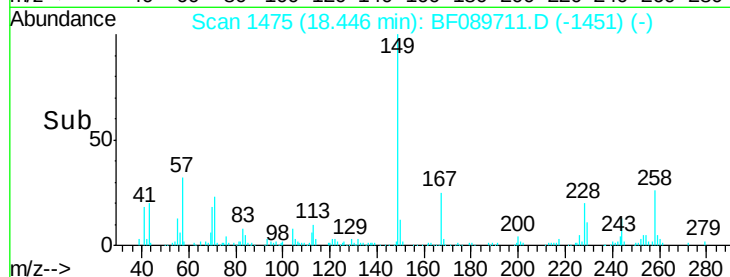
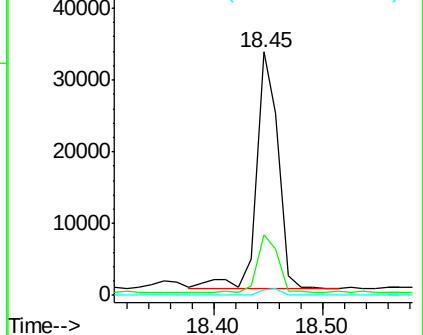
279 2.3 1.8 2.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.24 ng

RT: 21.22 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

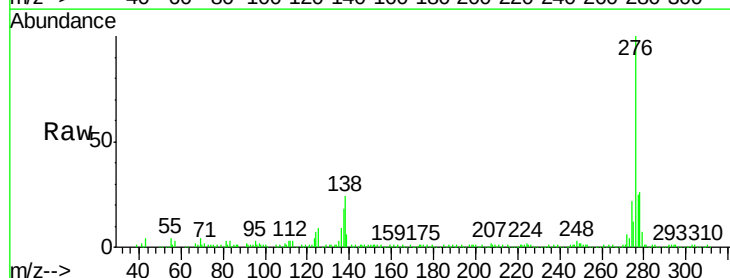
Tgt Ion:276 Resp: 224697

Ion Ratio Lower Upper

276 100

138 26.6 23.8 35.8

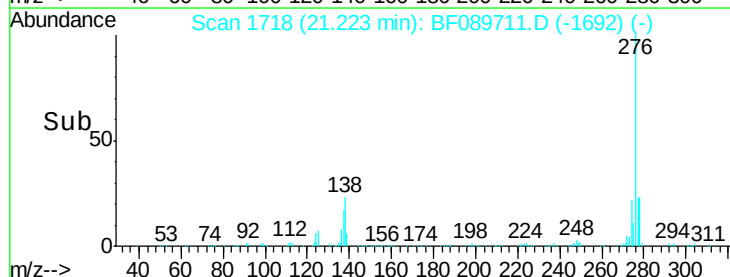
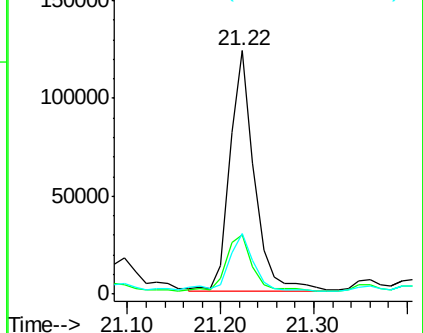
277 26.4 20.3 30.5

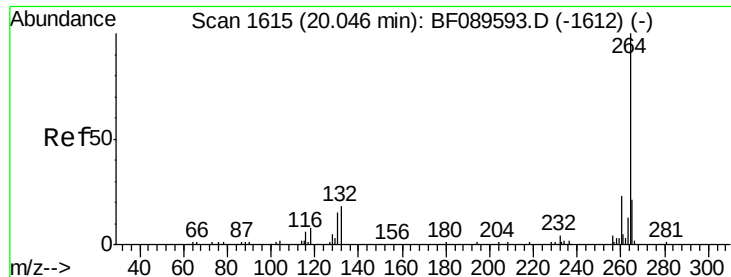


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

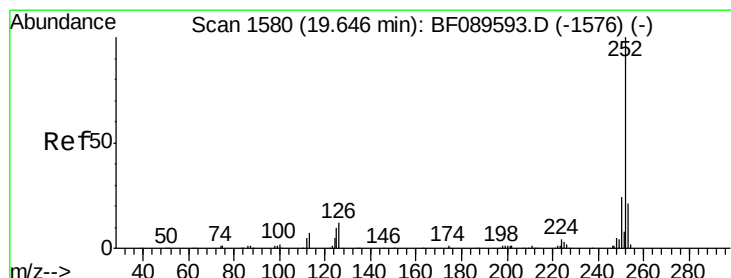
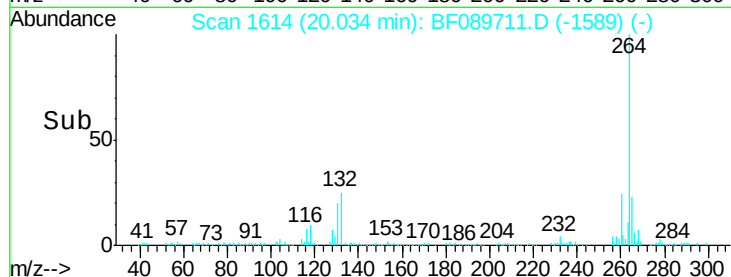
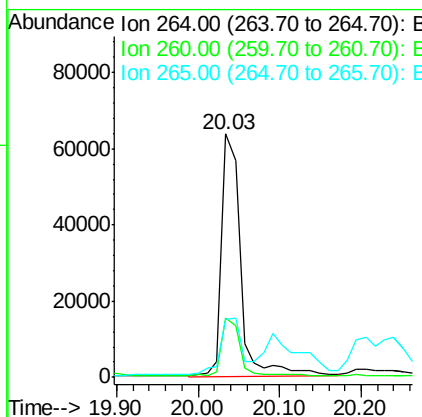
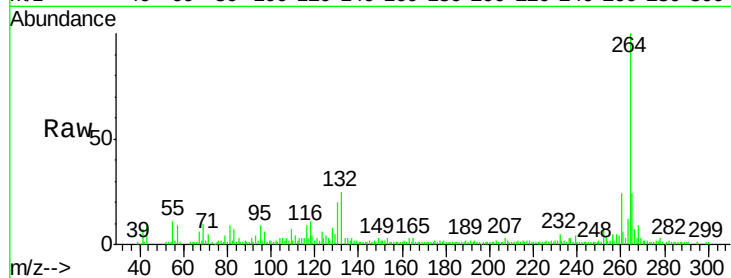




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.03 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF089711.D
Acq: 10 Aug 2016 23:18

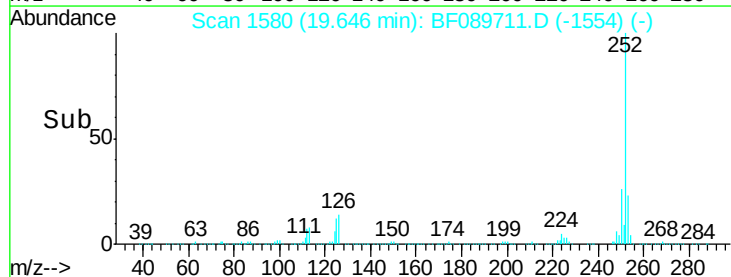
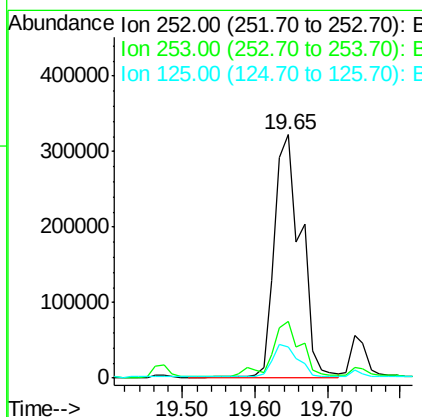
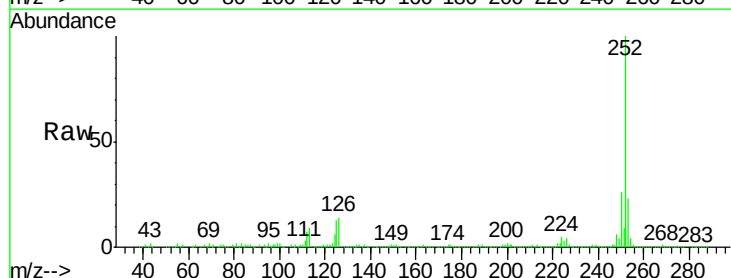
Instrument :
BNA_F
ClientSampleId :
DEL2(0-6)

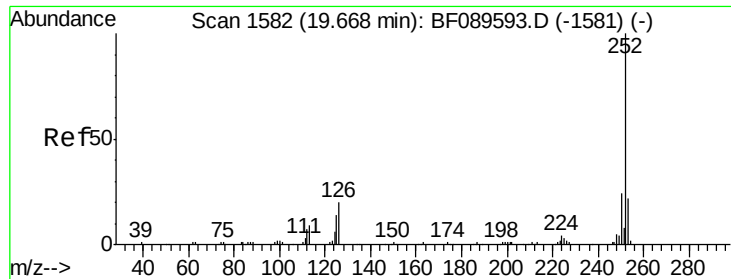
Tgt Ion:264 Resp: 103827
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 23.9 16.5 24.7



#87
Benzo(b)fluoranthene
Concen: 128.62 ng
RT: 19.65 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF089711.D
Acq: 10 Aug 2016 23:18

Tgt Ion:252 Resp: 821349
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 12.9 7.8 11.8#

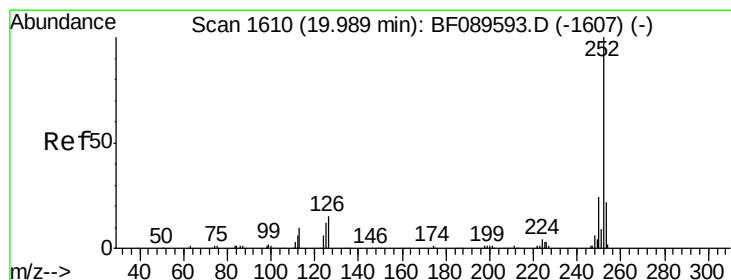
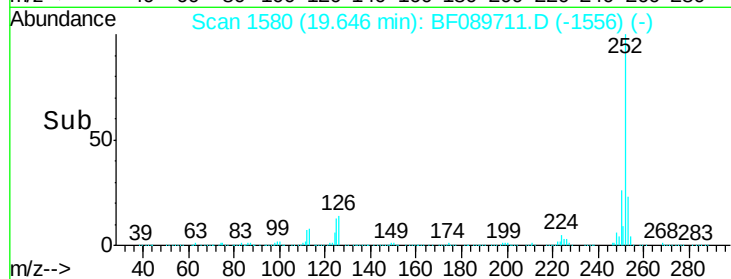
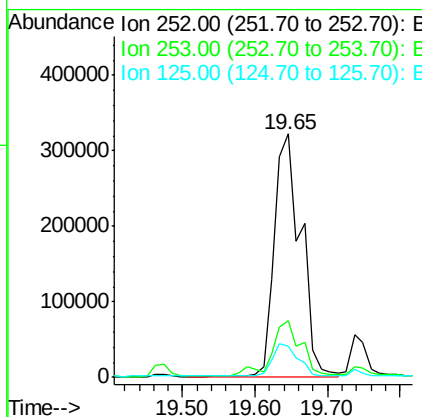
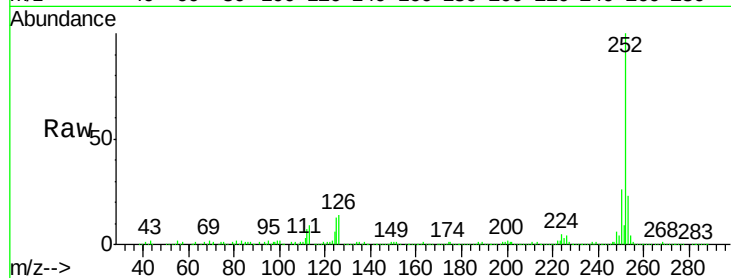




#88
Benzo(k)fluoranthene
Concen: 127.49 ng
RT: 19.65 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF089711.D
Acq: 10 Aug 2016 23:18

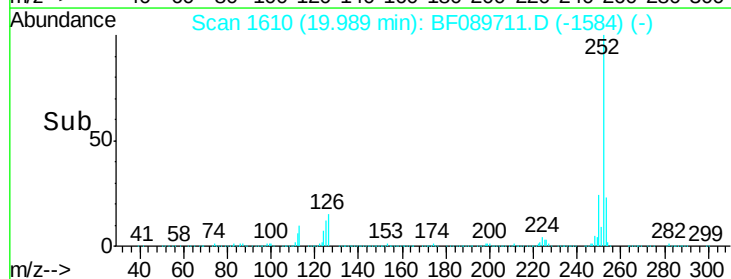
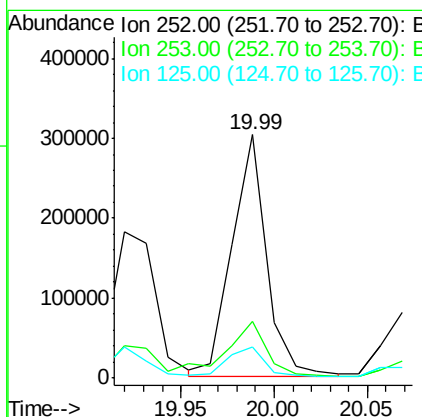
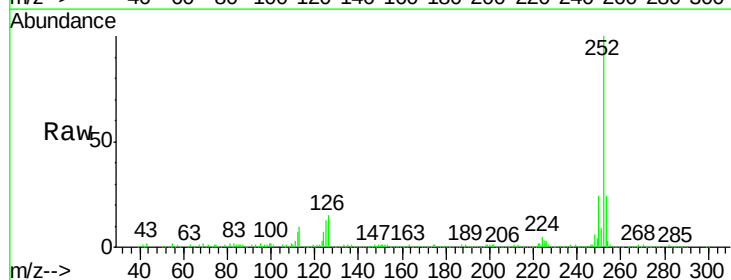
Instrument :
BNA_F
ClientSampleId :
DEL2(0-6)

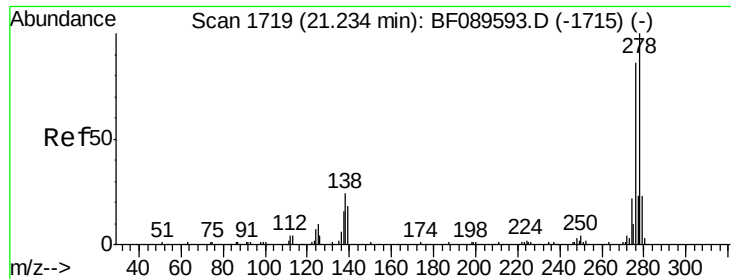
Tgt Ion:252 Resp: 821349
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 12.9 11.0 16.6



#89
Benzo(a)pyrene
Concen: 65.77 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089711.D
Acq: 10 Aug 2016 23:18

Tgt Ion:252 Resp: 393252
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 12.7 9.9 14.9





#90

Dibenzo(a,h)anthracene

Concen: 11.31 ng

RT: 21.22 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

Instrument :

BNA_F

ClientSampleId :

DEL2(0-6)

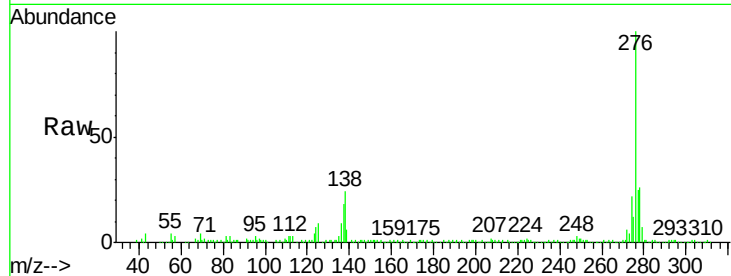
Tgt Ion:278 Resp: 63144

Ion Ratio Lower Upper

278 100

139 24.3 14.6 21.8#

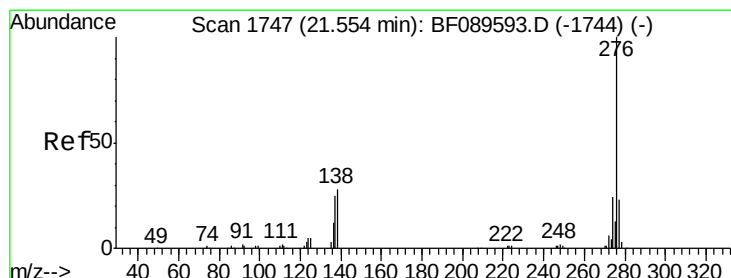
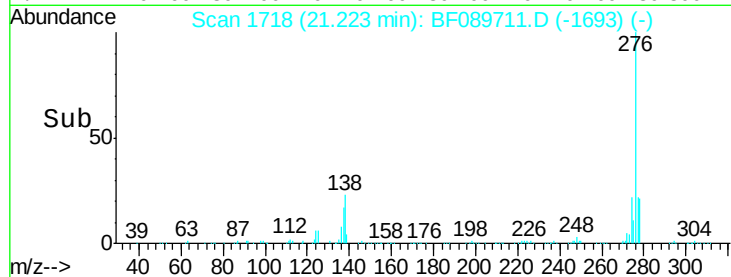
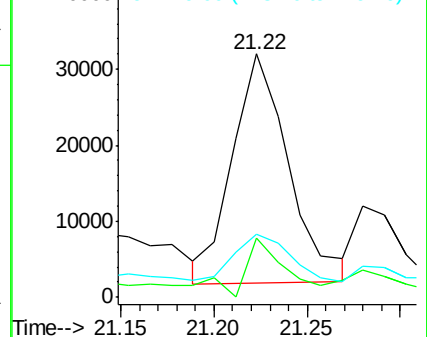
279 25.7 18.4 27.6



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: 35.40 ng

RT: 21.57 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BF089711.D

Acq: 10 Aug 2016 23:18

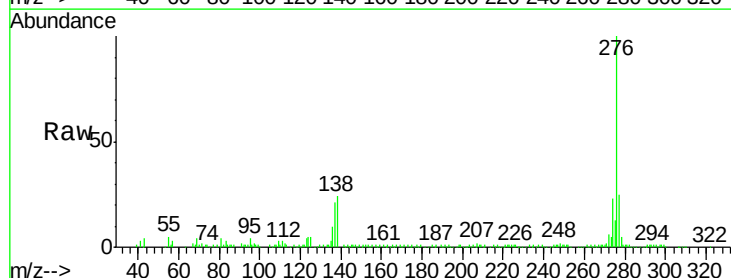
Tgt Ion:276 Resp: 202437

Ion Ratio Lower Upper

276 100

277 24.9 18.6 28.0

138 23.7 22.6 33.8



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

