

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089495.D
 Acq On : 1 Aug 2016 5:01
 Operator : UM/SJ
 Sample : H4215-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 07:15:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	39767	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	135732	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	53974	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	107866	20.00	ng	0.00
75) Chrysene-d12	13.63	240	99865	20.00	ng	0.01
86) Perylene-d12	14.97	264	86139	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	265344	106.54	ng	0.00
7) Phenol-d6	6.16	99	348637	105.92	ng	-0.01
23) Nitrobenzene-d5	7.06	82	189849	82.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	46803	104.70	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	264482	71.91	ng	-0.01
78) Terphenyl-d14	12.58	244	251547	58.95	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.66	88	73928	67.97	ng	# 26
15) Benzyl Alcohol	6.62	79	7372	3.61	ng	# 59
18) Hexachloroethane	7.06	117	8240	6.61	ng	# 10
19) n-Nitroso-di-n-propylamine	7.06	70	24907	12.55	ng	# 83
31) Naphthalene	7.80	128	321622	47.85	ng	100
33) 4-Chloroaniline	7.80	127	42422	16.58	ng	# 36
37) 2-Methylnaphthalene	8.49	142	125669	31.03	ng	97
45) 1,1'-Biphenyl	8.96	154	38538	8.39	ng	95
48) Acenaphthylene	9.38	152	148460	27.31	ng	98
49) Dimethylphthalate	9.27	163	82776	20.15	ng	100
51) Acenaphthene	9.55	154	188160	59.27	ng	99
52) 3-Nitroaniline	9.72	138	3717	4.17	ng	# 12
54) Dibenzofuran	9.72	168	200369	46.32	ng	94
55) 4-Nitrophenol	9.72	139	86723	190.65	ng	# 6
57) Fluorene	10.07	166	276533	73.23	ng	99
64) 4,6-Dinitro-2-methylphenol	10.40	198	614	5.19	ng	# 25
65) n-Nitrosodiphenylamine	10.18	169	13803	4.10	ng	# 1
66) 4-Bromophenyl-phenylether	10.31	248	3345	3.25	ng	# 1
70) Phenanthrene	11.03	178	976210	175.48	ng	99
71) Anthracene	11.07	178	407441	65.87	ng	99
72) Carbazole	11.23	167	82722	15.89	ng	# 94
74) Fluoranthene	12.22	202	1444842	246.90	ng	93
77) Pyrene	12.45	202	1296304	171.28	ng	98
80) Benzo(a)anthracene	13.62	228	901482	159.96	ng	94
82) Chrysene	13.67	228	665721	110.97	ng	95
83) Bis(2-ethylhexyl)phthalate	13.62	149	14958	3.01	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.16	276	279174	65.45	ng	97
87) Benzo(b)fluoranthene	14.63	252	1041469	194.69	ng	# 94
88) Benzo(k)fluoranthene	14.63	252	1041469	211.76	ng	97
89) Benzo(a)pyrene	14.93	252	495562	103.27	ng	98
90) Dibenzo(a,h)anthracene	16.16	278	87096	23.04	ng	93
91) Benzo(a,h,i)perylene	16.51	276	242808	65.34	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089495.D
Acq On : 1 Aug 2016 5:01
Operator : UM/SJ
Sample : H4215-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 07:15:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 04:11:30 2016
Response via : Initial Calibration

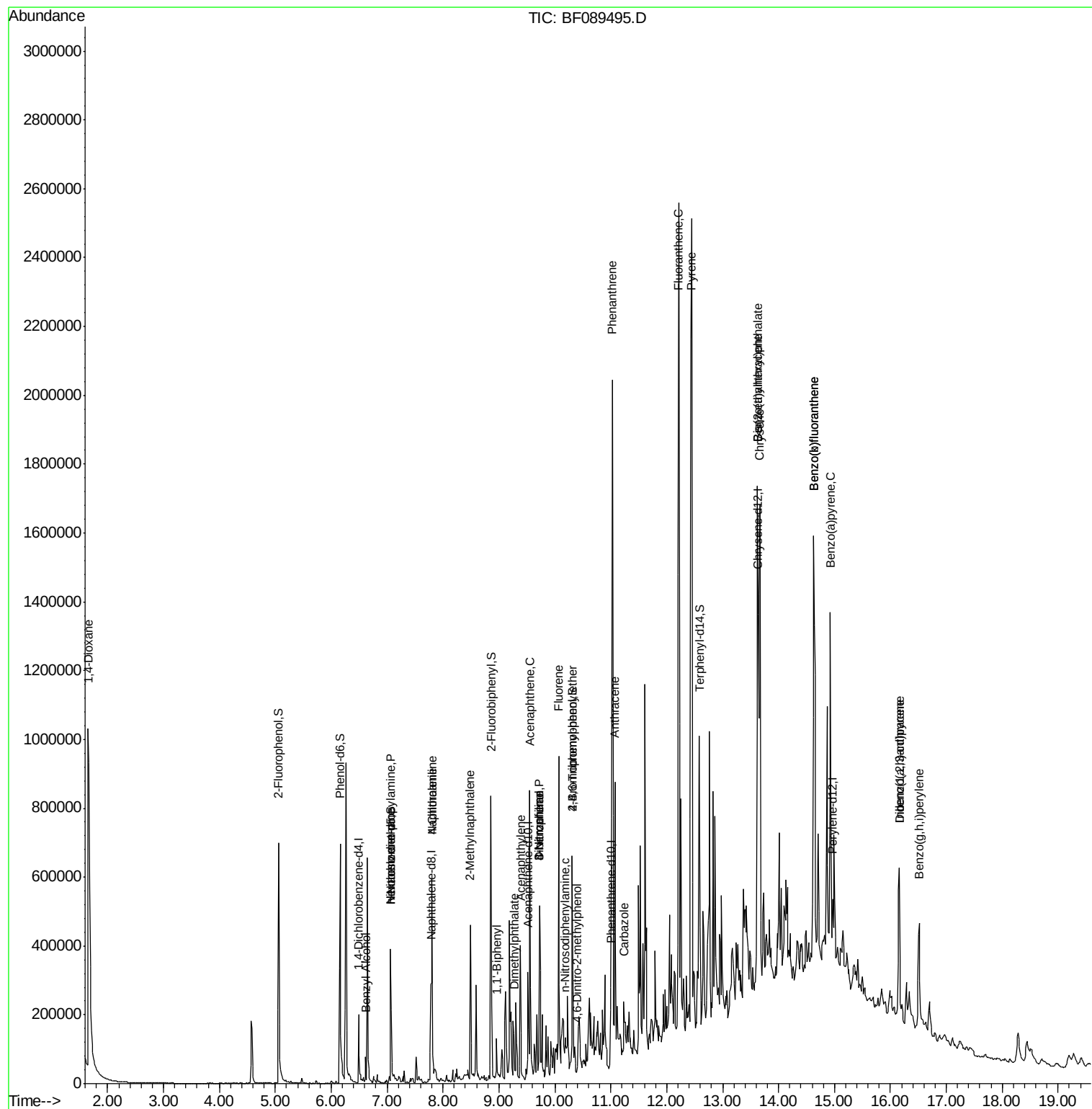
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

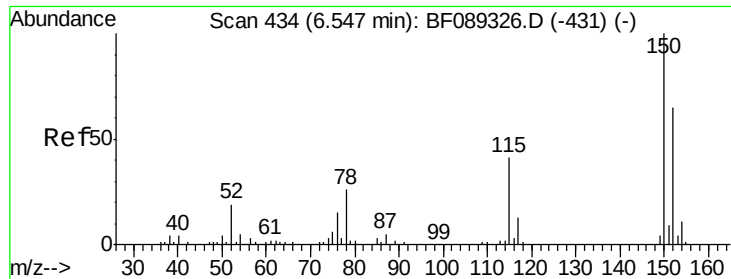
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089495.D
Acq On : 1 Aug 2016 5:01
Operator : UM/SJ
Sample : H4215-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 07:15:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 04:11:30 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampled :

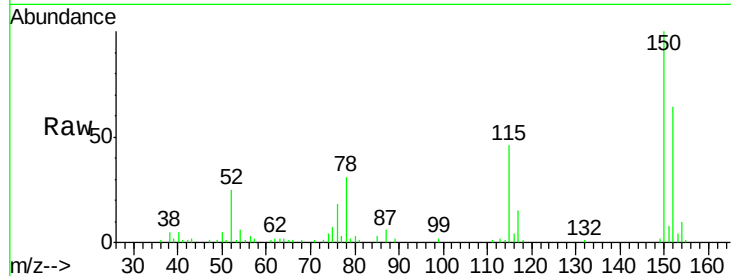
Tot Ion:152 Resp: 39767

Ion Ratio Lower Upper

152 100

150 157.4 129.5 194.3

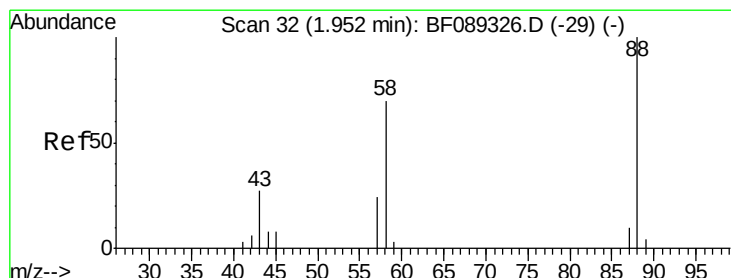
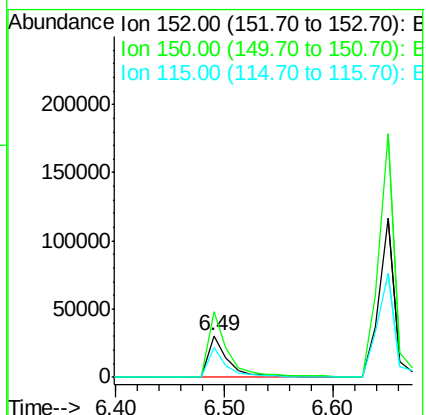
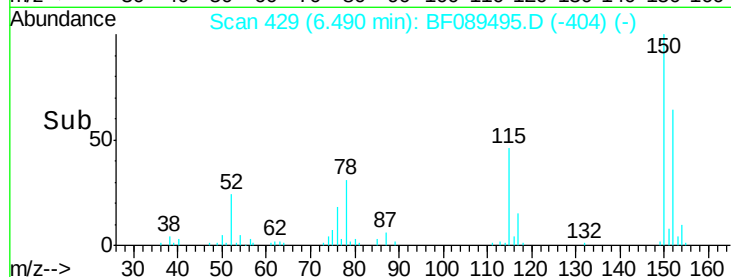
115 73.1 51.4 77.2



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



#2

1,4-Dioxane

Concen: 67.97 ng

RT: 1.66 min Scan# 6

Delta R.T. -0.24 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

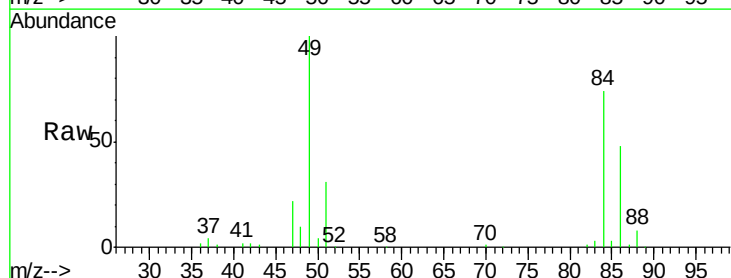
Tgt Ion: 88 Resp: 73928

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

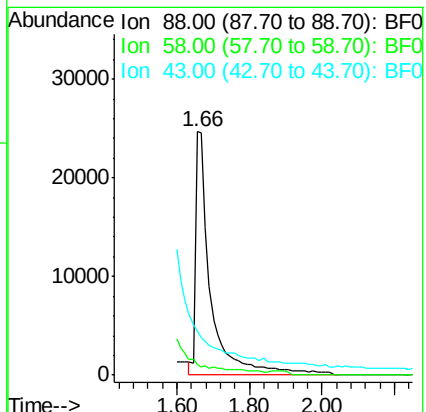
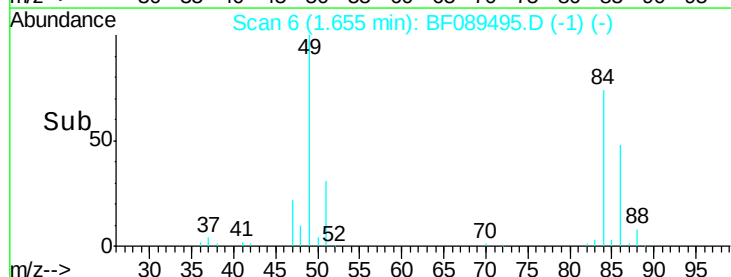
43 0.0 20.6 31.0#

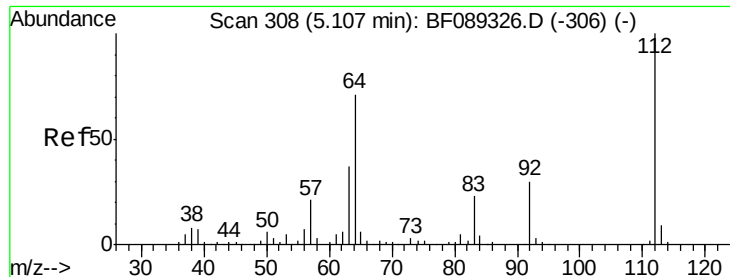


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 106.54 ng

RT: 5.06 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF089495.D

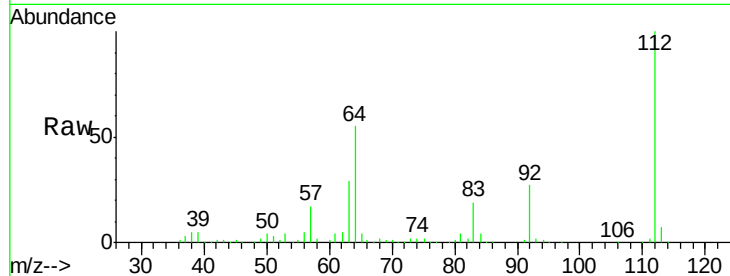
Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampled :

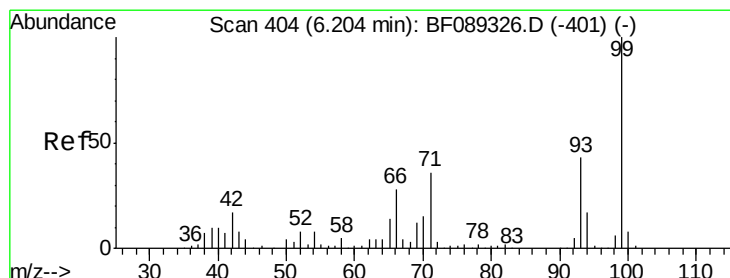
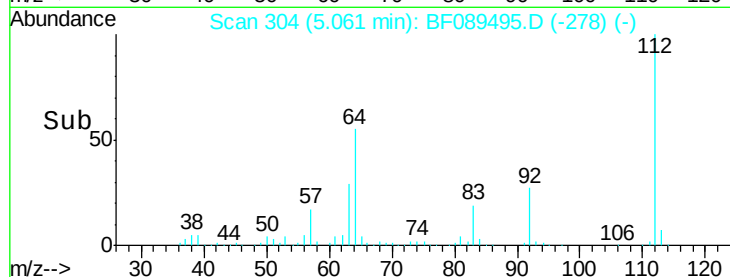
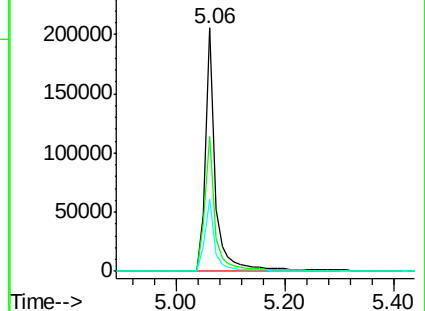
Tot Ion:	112	Resp:	265344
Ion	Ratio	Lower	Upper
112	100		
64	55.3	55.0	82.6
63	29.5	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 105.92 ng

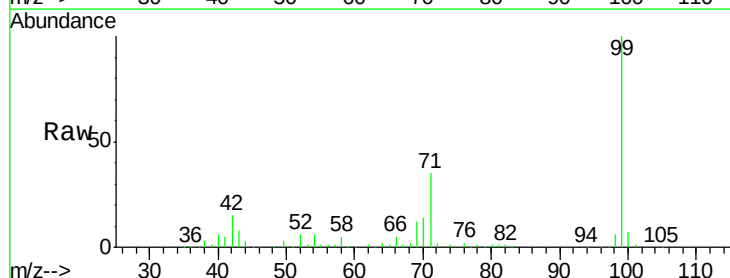
RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

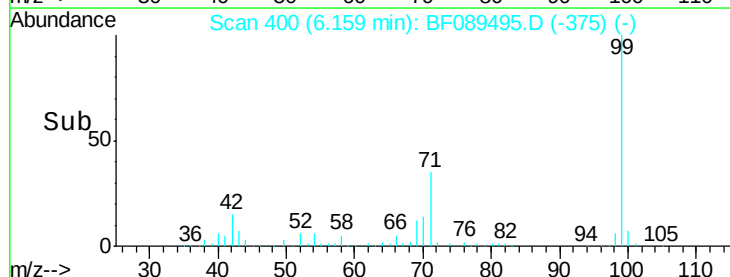
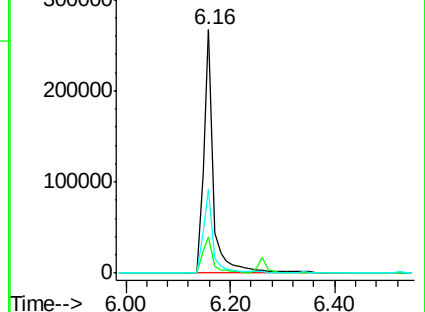
Tgt Ion:	99	Resp:	348637
Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.6	20.4
71	34.6	29.4	44.2

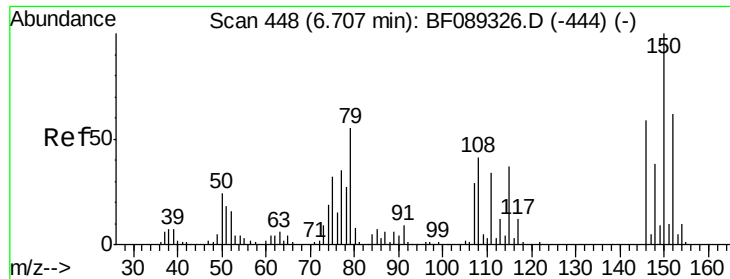


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

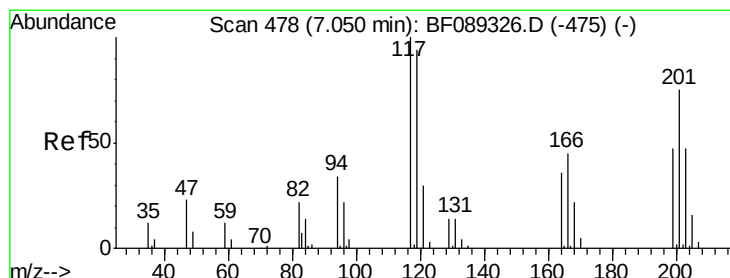
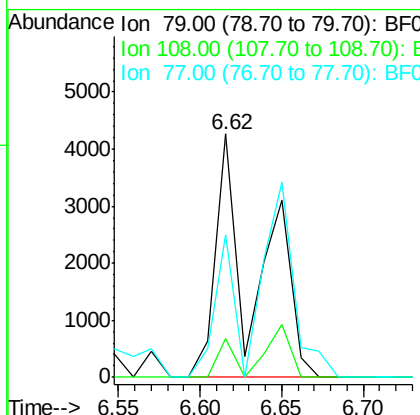
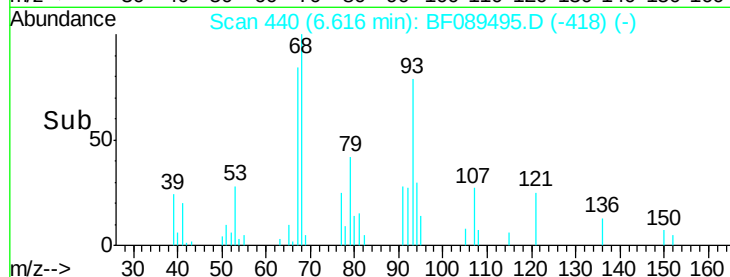
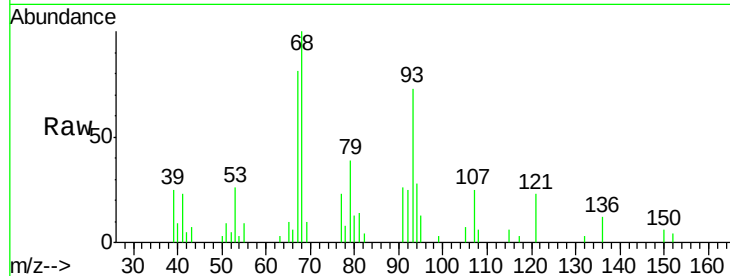




#15
Benzyl Alcohol
Concen: 3.61 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

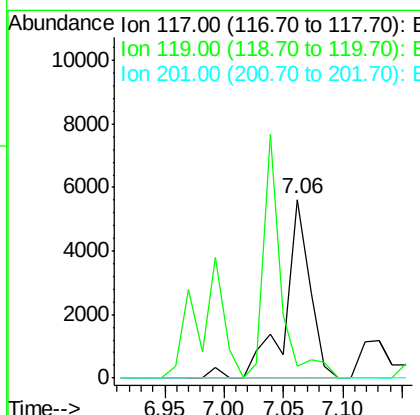
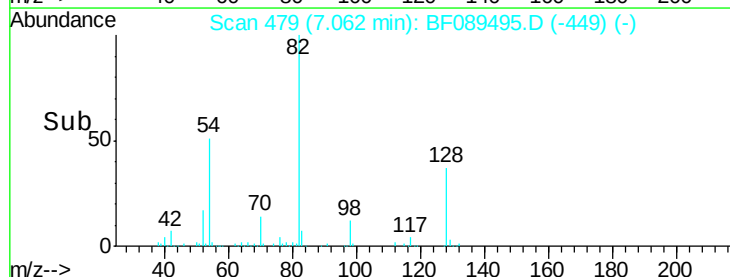
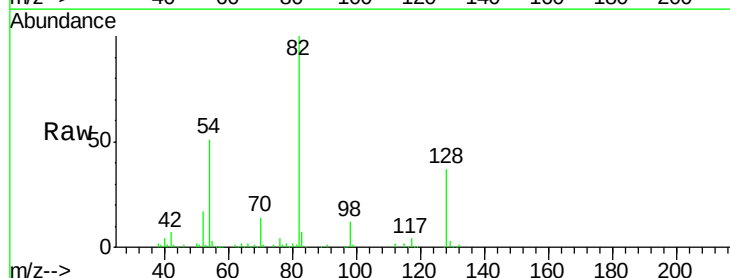
Instrument :
BNA_F
ClientSampled :

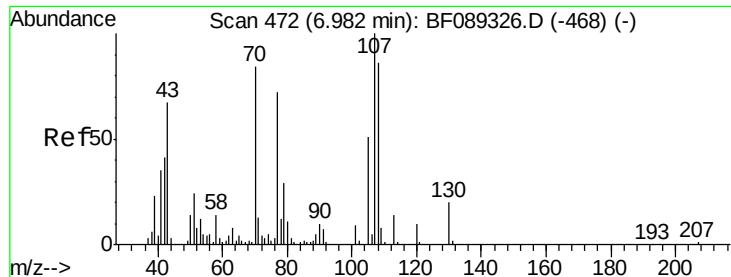
Tot Ion: 79 Resp: 7372
Ion Ratio Lower Upper
79 100
108 15.8 59.8 89.6#
77 58.4 51.7 77.5



#18
Hexachloroethane
Concen: 6.61 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.05 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

Tgt Ion: 117 Resp: 8240
Ion Ratio Lower Upper
117 100
119 6.9 76.0 114.0#
201 0.0 60.0 90.0#

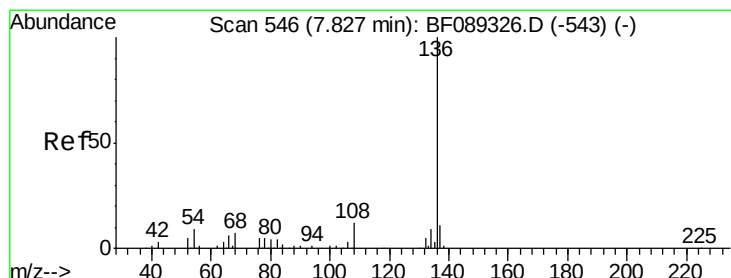
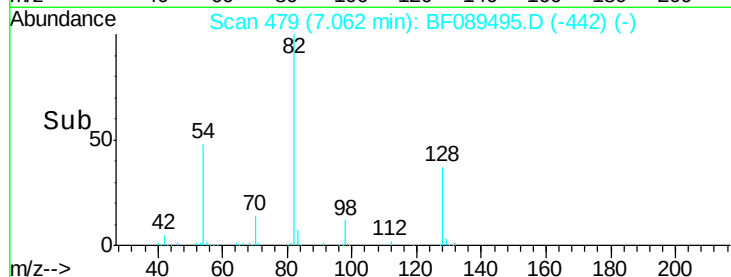
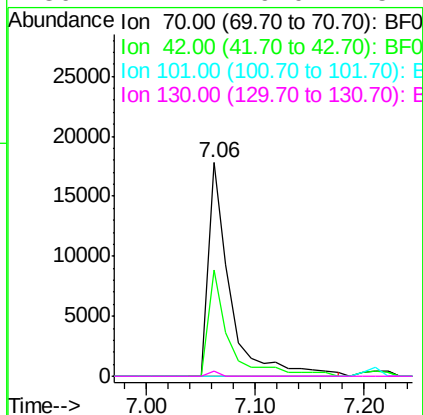
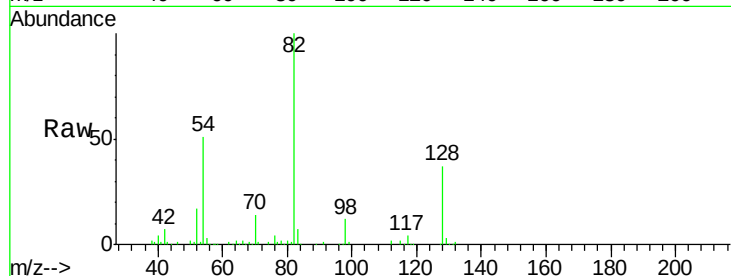




#19
n-Nitroso-di-n-propylamine
Concen: 12.55 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.13 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

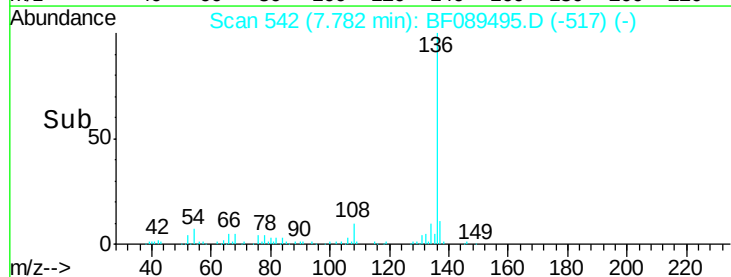
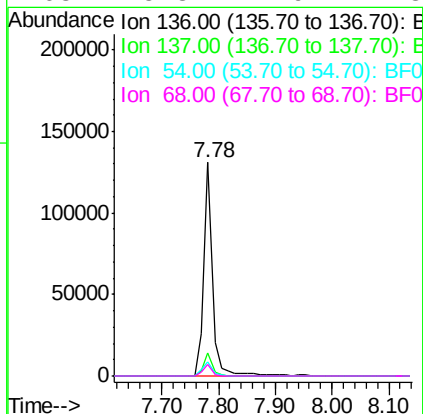
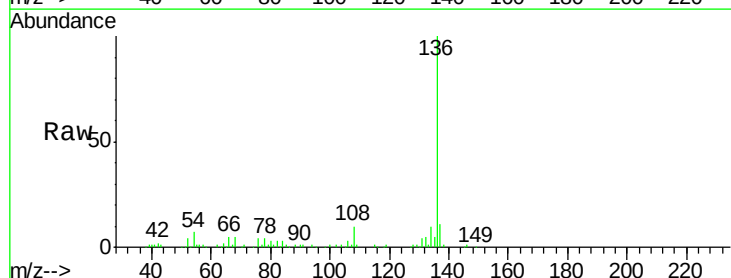
Instrument :
BNA_F
ClientSampleId :

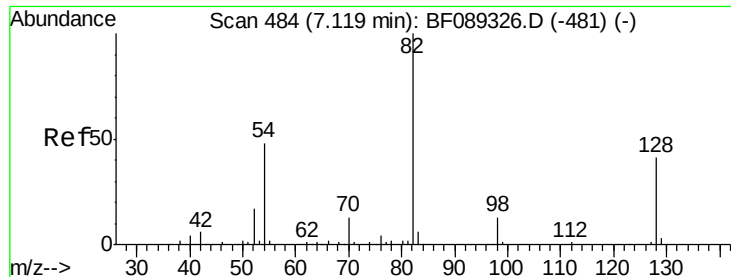
Tot Ion: 70 Resp: 24907
Ion Ratio Lower Upper
70 100
42 49.6 38.6 57.8
101 0.0 8.3 12.5#
130 2.4 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

Tgt Ion:136 Resp: 135732
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.7 7.0 10.4#
68 5.3 4.9 7.3

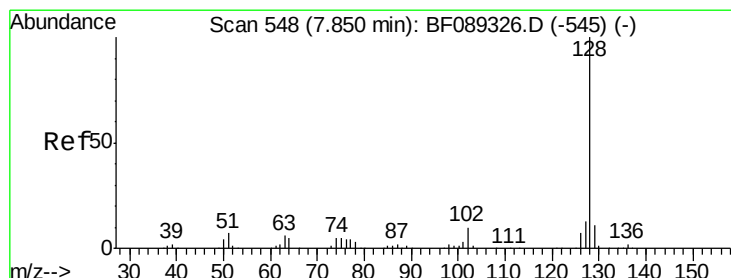
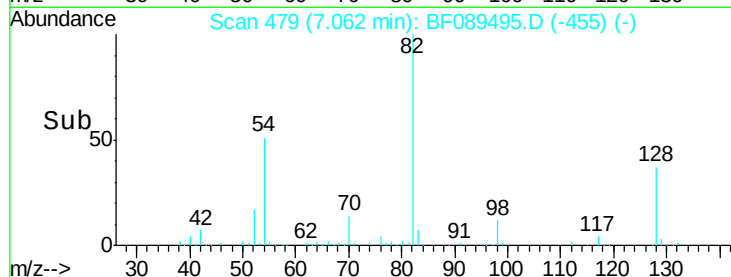
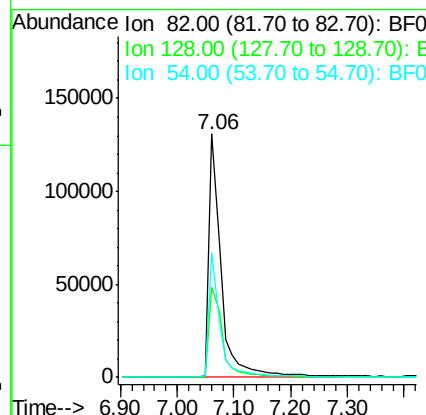
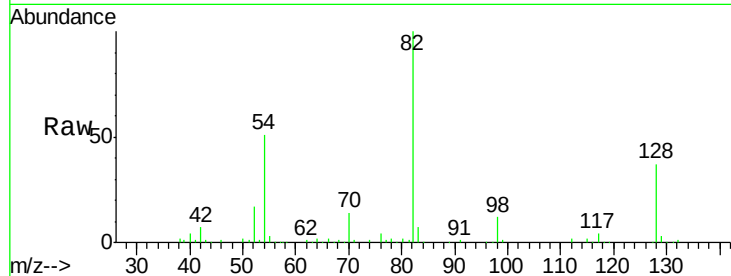




#23
 Nitrobenzene-d5
 Concen: 82.56 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.02 min
 Lab File: BF089495.D
 Acq: 1 Aug 2016 5:01

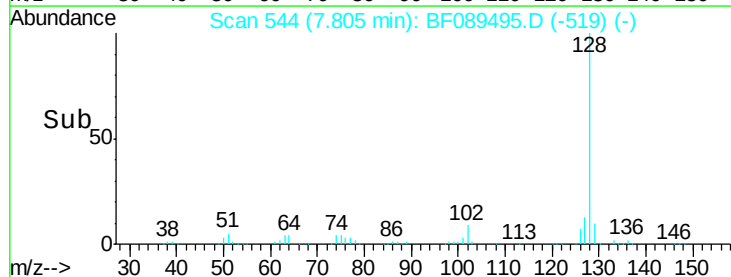
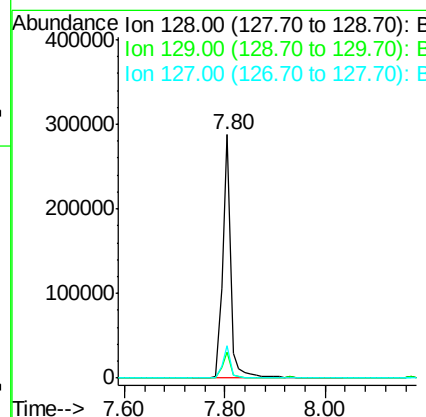
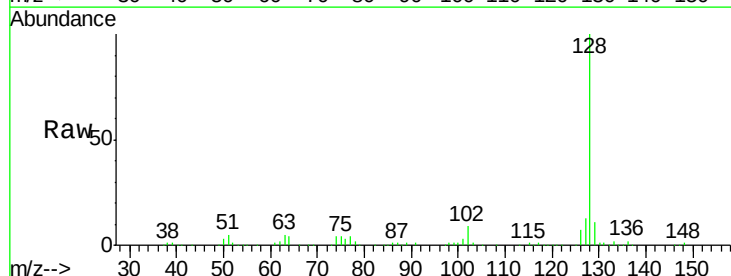
Instrument :
 BNA_F
 ClientSampleId :

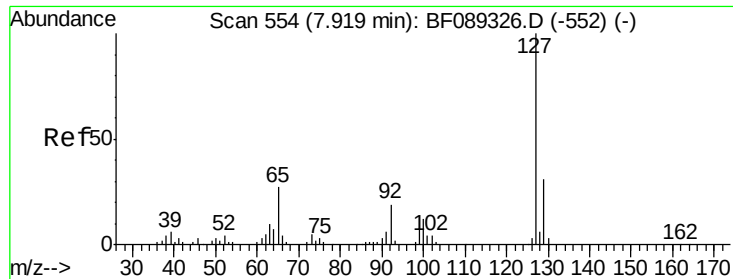
Tot Ion	82	Resp	189849
Ion Ratio	100	Lower	Upper
128	36.9	32.5	48.7
54	51.2	38.8	58.2



#31
 Naphthalene
 Concen: 47.85 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF089495.D
 Acq: 1 Aug 2016 5:01

Tgt Ion	128	Resp	321622
Ion Ratio	100	Lower	Upper
129	10.9	8.8	13.2
127	13.4	10.8	16.2

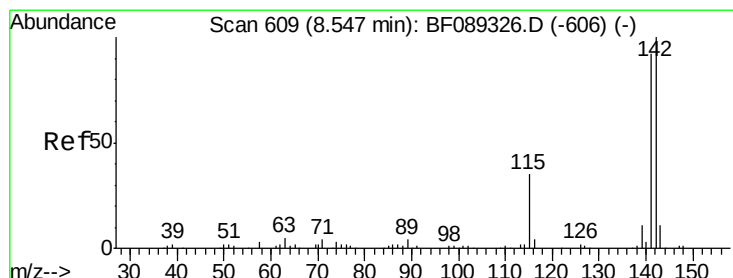
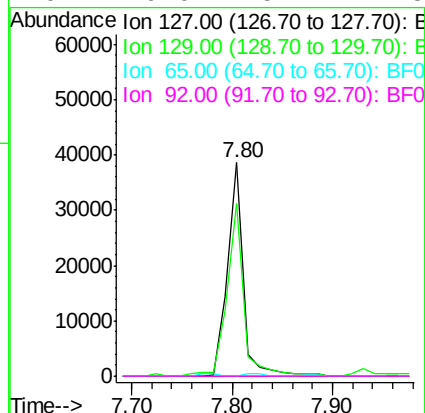
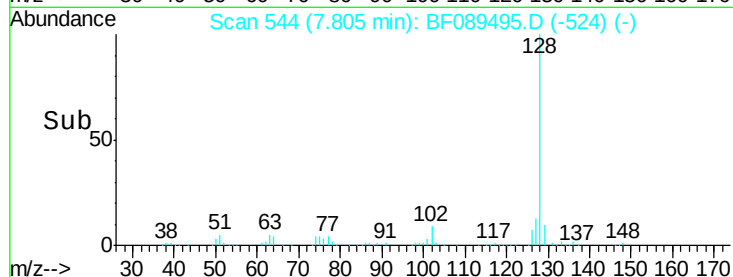
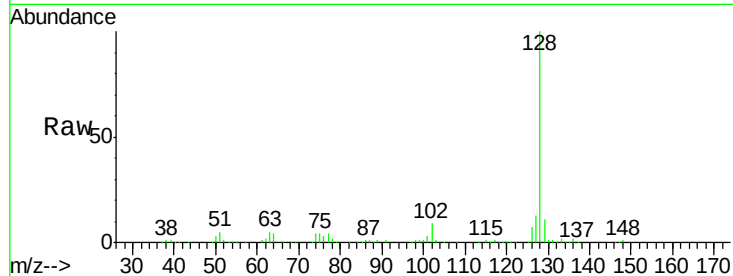




#33
4-Chloroaniline
Concen: 16.58 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.07 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

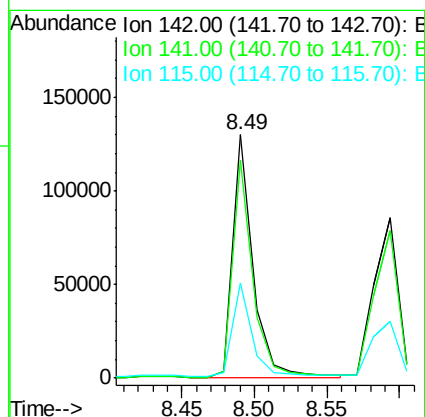
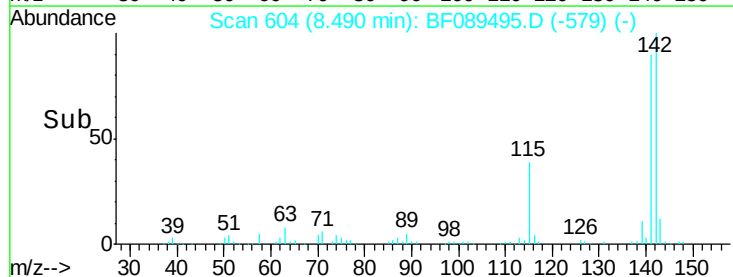
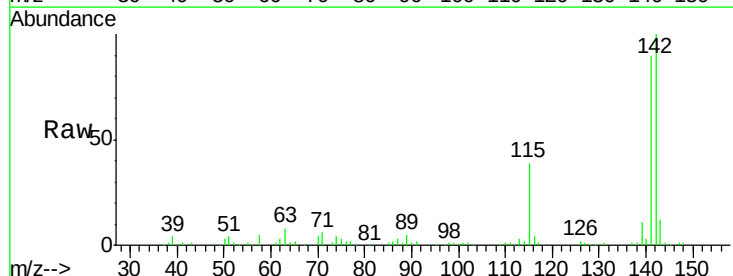
Instrument :
BNA_F
ClientSampleId :

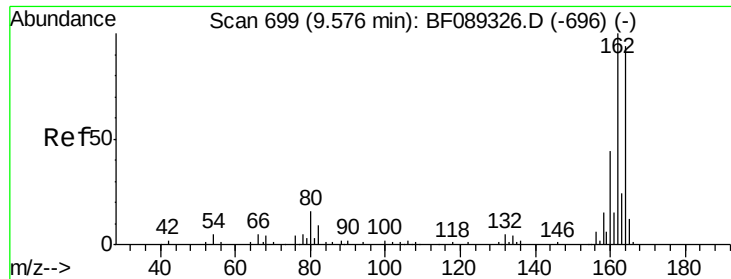
Tot Ion:127 Resp: 42422
Ion Ratio Lower Upper
127 100
129 81.1 26.1 39.1#
65 0.0 22.0 33.0#
92 0.0 15.2 22.8#



#37
2-Methylnaphthalene
Concen: 31.03 ng
RT: 8.49 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

Tgt Ion:142 Resp: 125669
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3
115 39.0 27.6 41.4

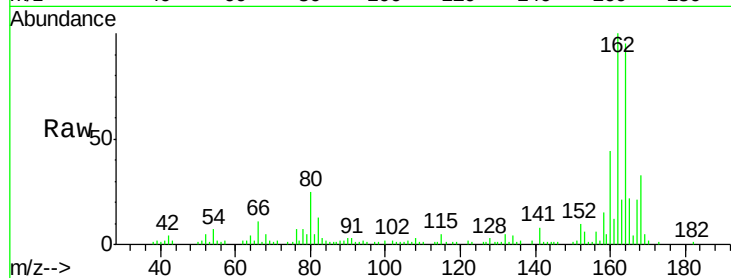




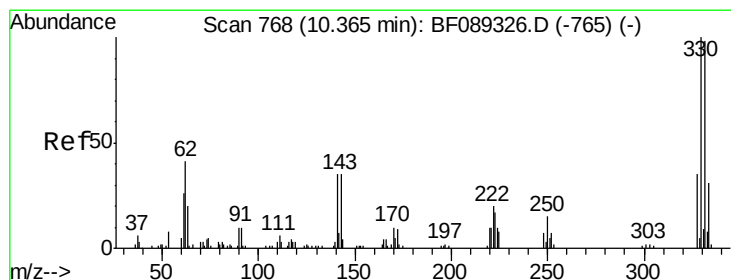
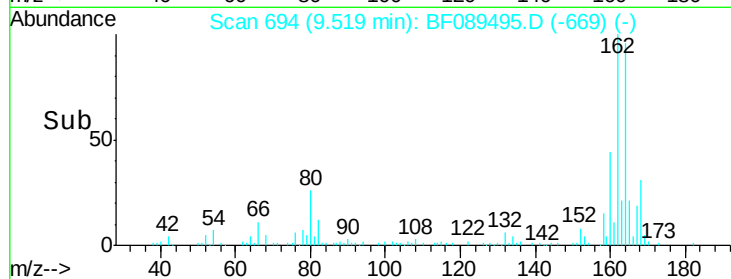
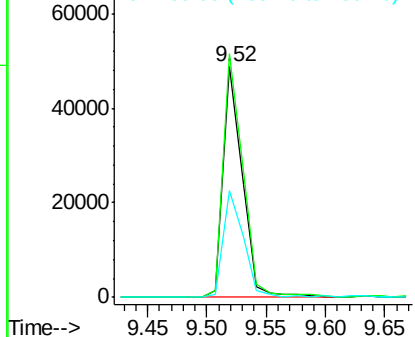
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 53974
Ion Ratio Lower Upper
164 100
162 105.7 83.7 125.5
160 46.3 37.8 56.6

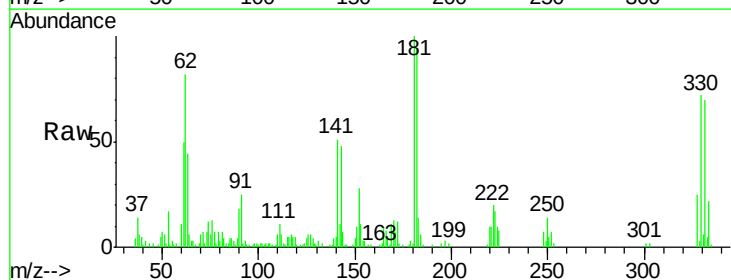


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

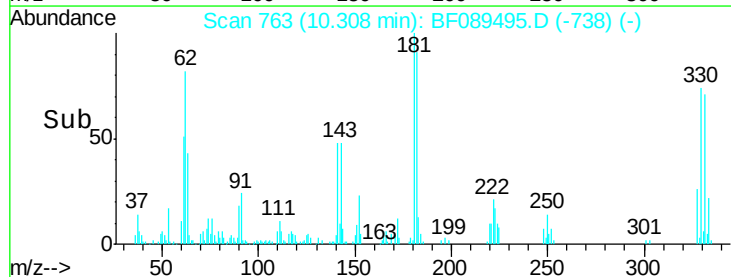
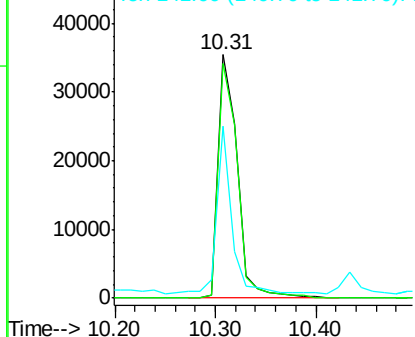


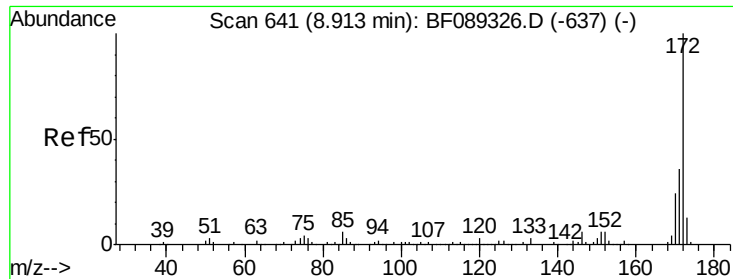
#41
2,4,6-Tribromophenol
Concen: 104.70 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

Tgt Ion:330 Resp: 46803
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 54.4 37.3 55.9



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

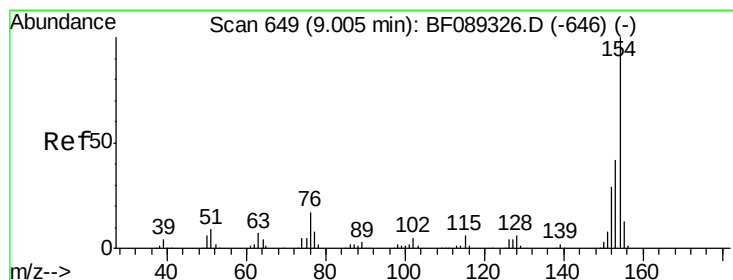
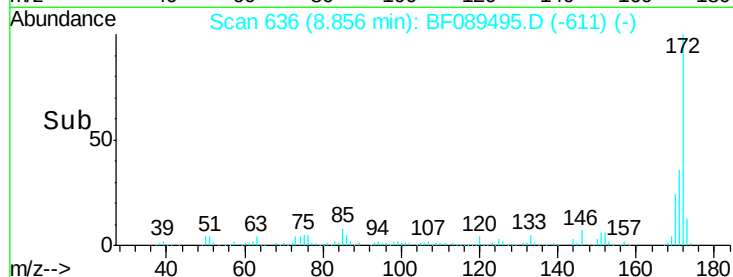
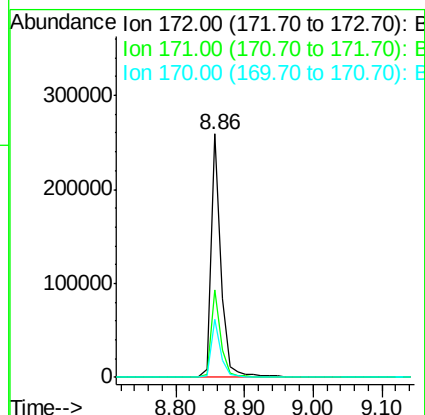
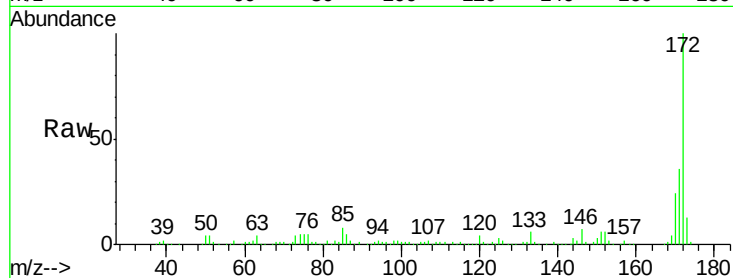




#44
 2-Fluorobiphenyl
 Concen: 71.91 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089495.D
 Acq: 1 Aug 2016 5:01

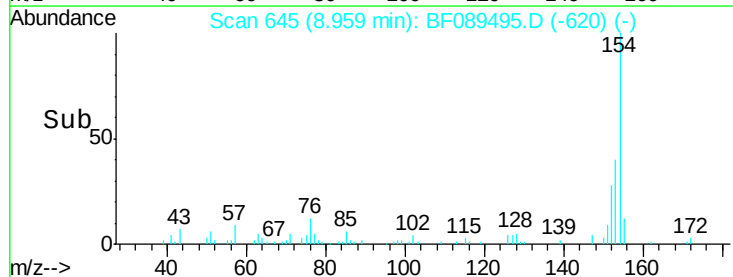
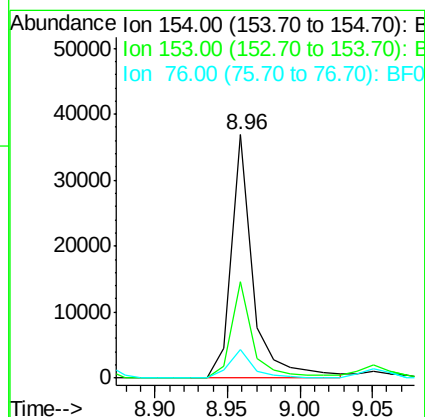
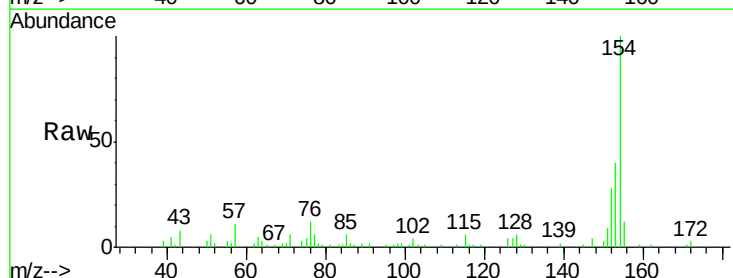
Instrument :
 BNA_F
 ClientSampleId :

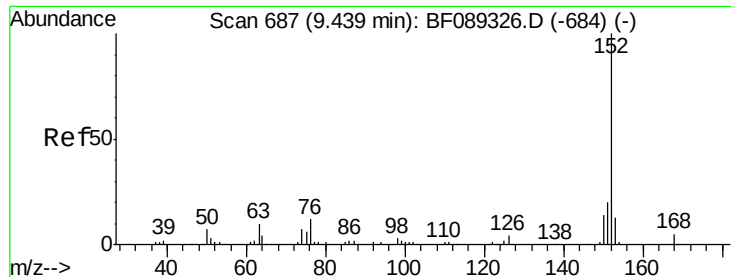
Tot Ion:172 Resp: 264482
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.6 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: 8.39 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089495.D
 Acq: 1 Aug 2016 5:01

Tgt Ion:154 Resp: 38538
 Ion Ratio Lower Upper
 154 100
 153 39.7 21.0 61.0
 76 11.6 0.0 36.6





#48

Acenaphthylene

Concen: 27.31 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampled :

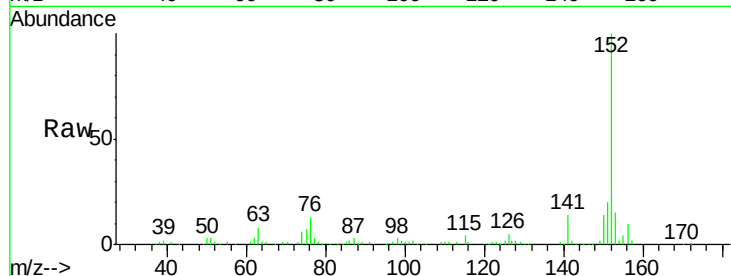
Tot Ion:152 Resp: 148460

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

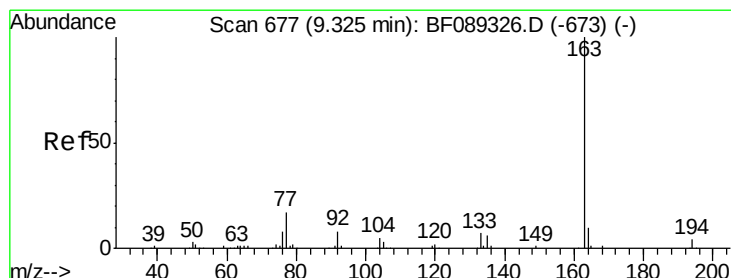
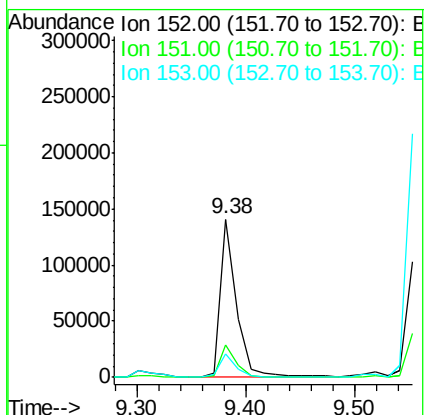
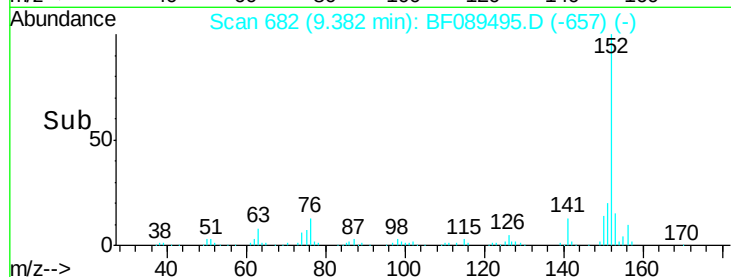
153 14.9 10.2 15.4



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: 20.15 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

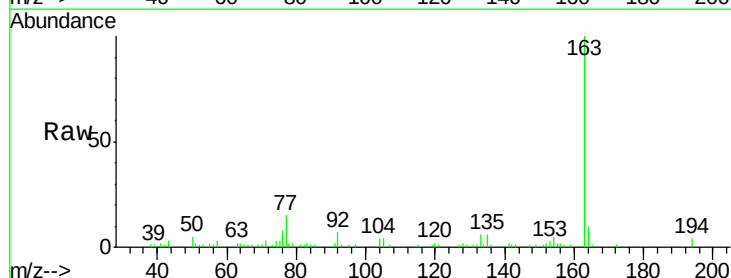
Tgt Ion:163 Resp: 82776

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

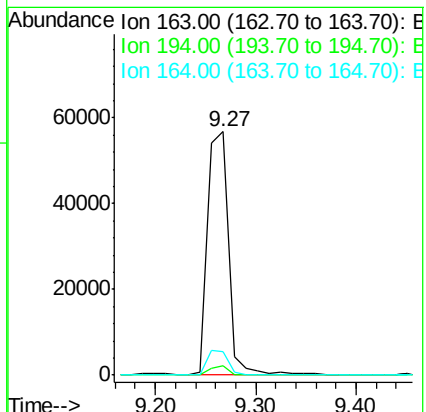
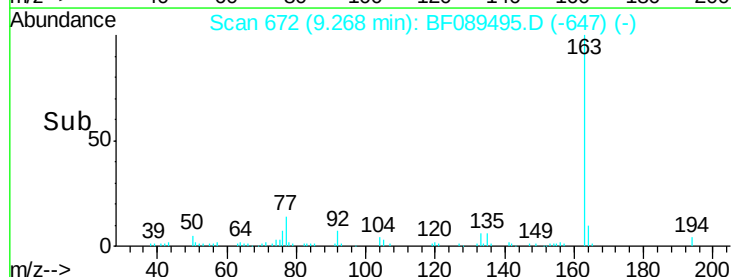
164 9.8 7.8 11.8

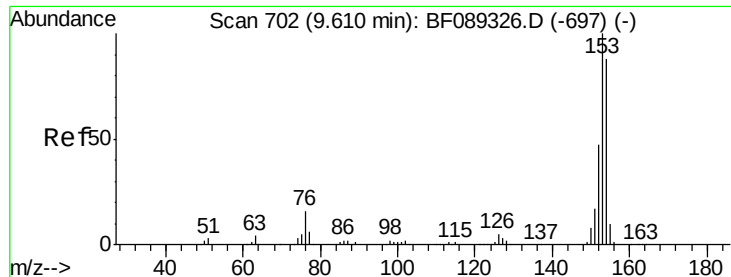


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 59.27 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampled :

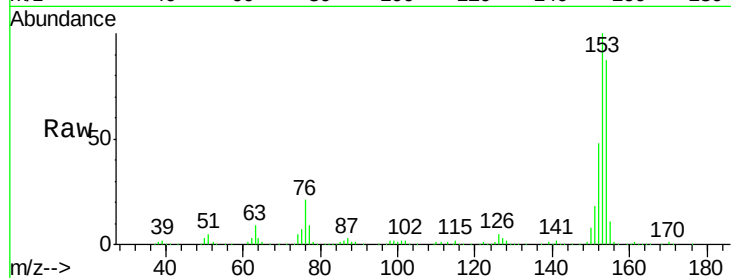
Tot Ion:154 Resp: 188160

Ion Ratio Lower Upper

154 100

153 115.5 91.4 137.2

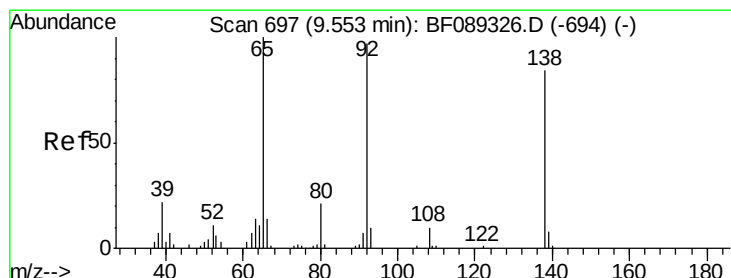
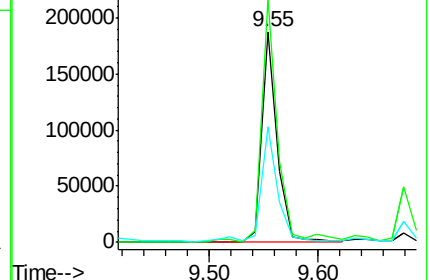
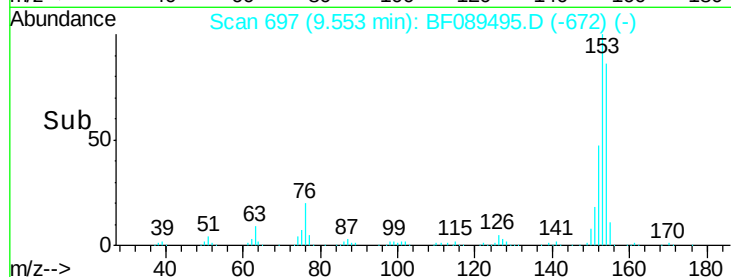
152 55.0 43.8 65.6



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



#52

3-Nitroaniline

Concen: 4.17 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.22 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

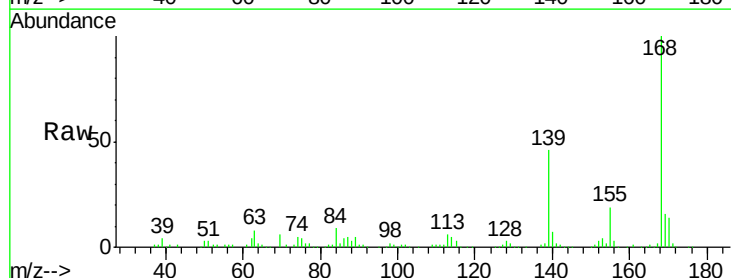
Tgt Ion:138 Resp: 3717

Ion Ratio Lower Upper

138 100

108 0.0 8.6 13.0#

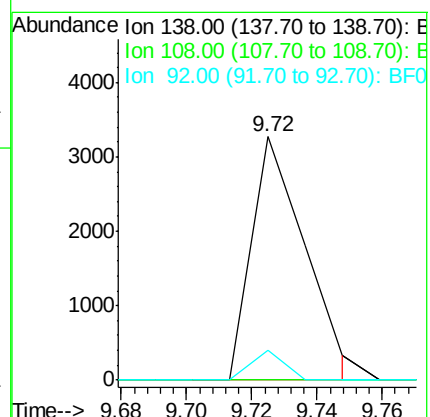
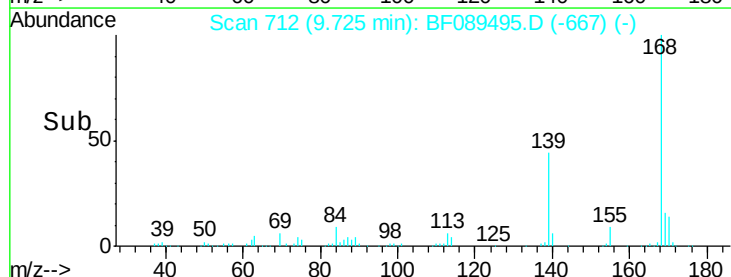
92 12.1 90.0 135.0#

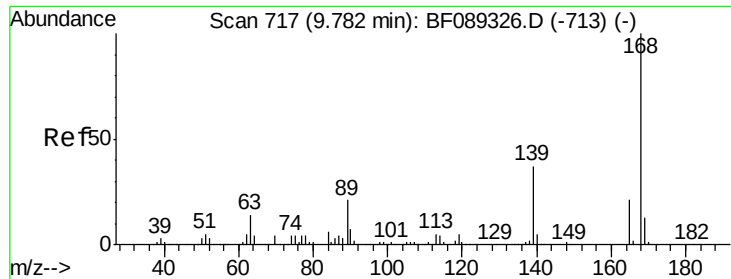


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 46.32 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

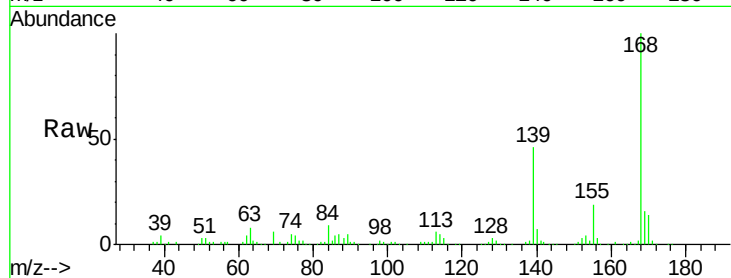
Tot Ion:168 Resp: 200369

Ion Ratio Lower Upper

168 100

139 46.3 33.7 50.5

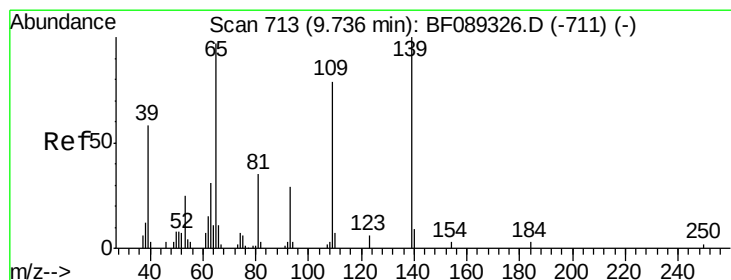
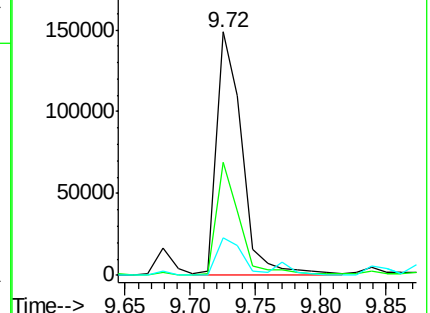
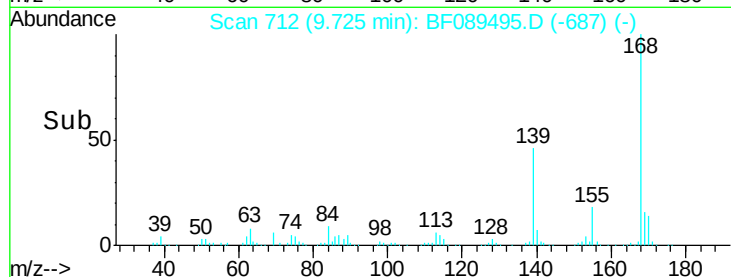
169 15.6 10.7 16.1



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: 190.65 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.02 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

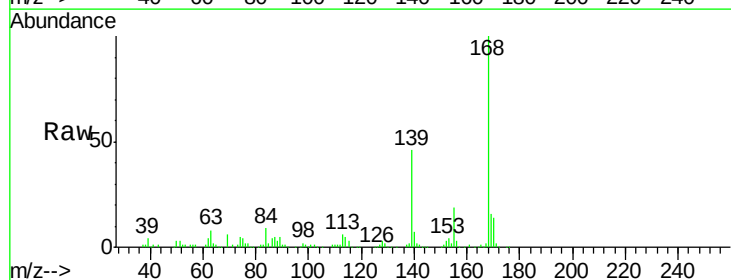
Tgt Ion:139 Resp: 86723

Ion Ratio Lower Upper

139 100

109 1.4 57.8 97.8#

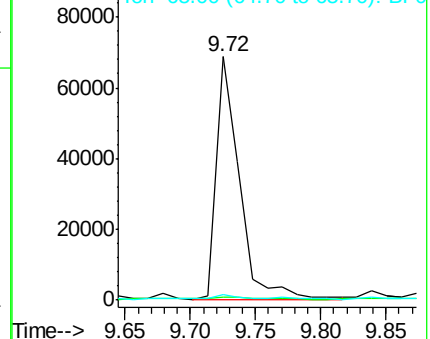
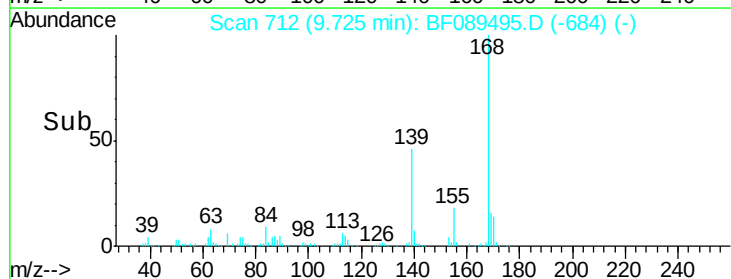
65 2.5 81.7 121.7#

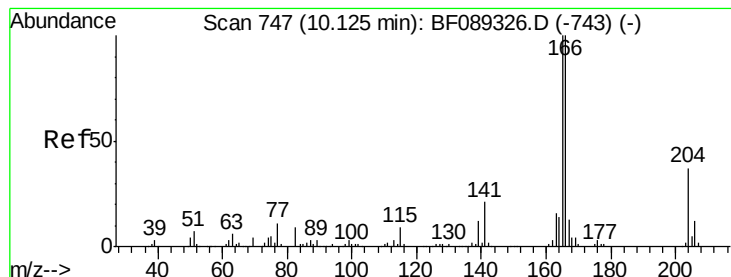


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 73.23 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

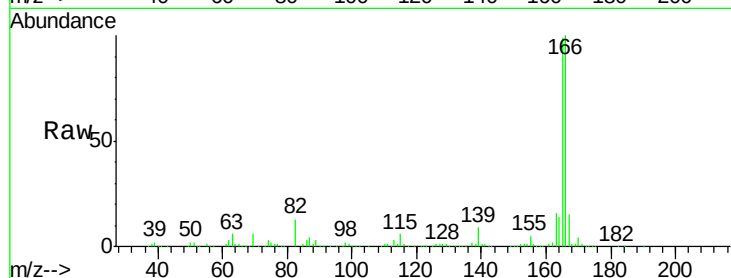
Tot Ion:166 Resp: 276533

Ion Ratio Lower Upper

166 100

165 99.4 79.0 118.4

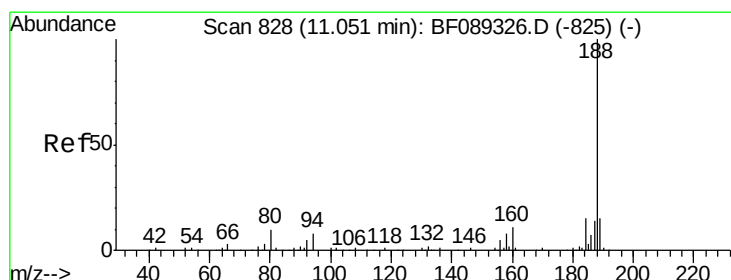
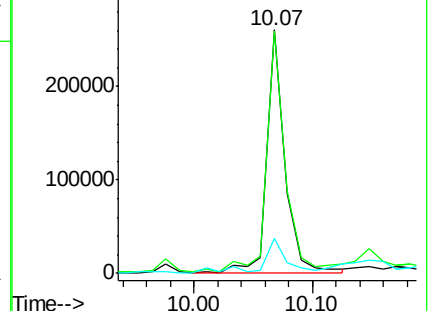
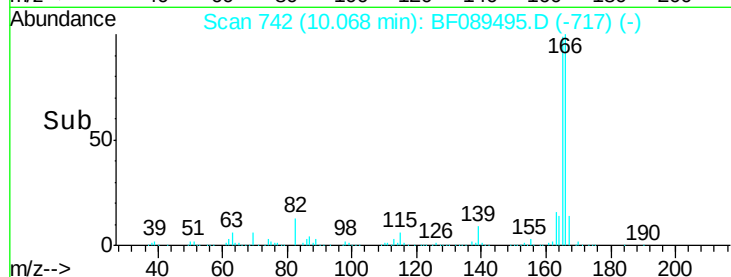
167 14.6 10.2 15.2



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: 11.00 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

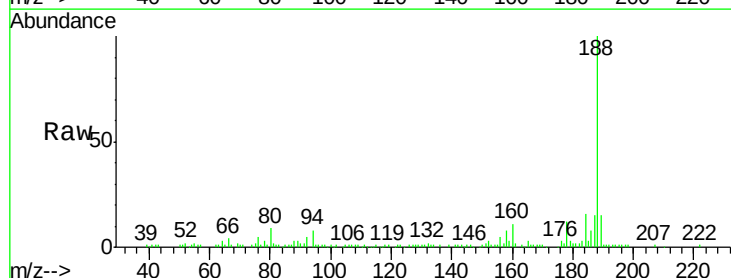
Tgt Ion:188 Resp: 107866

Ion Ratio Lower Upper

188 100

94 8.3 6.5 9.7

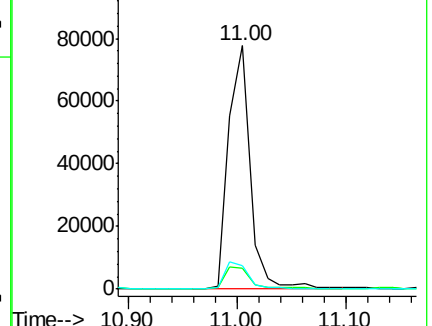
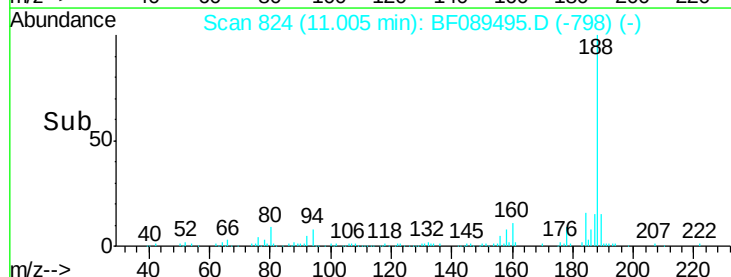
80 9.4 7.2 10.8

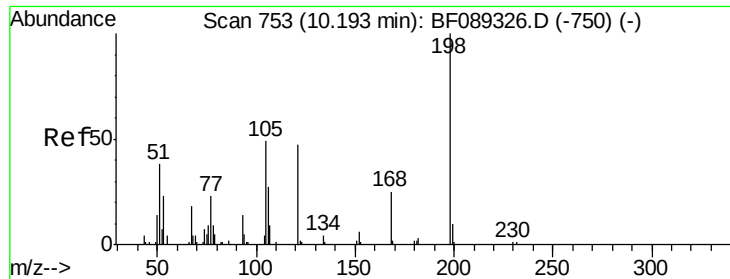


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

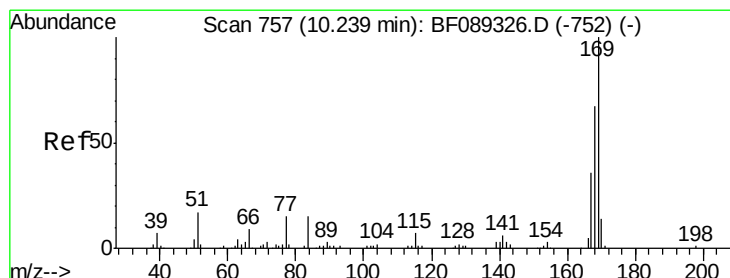
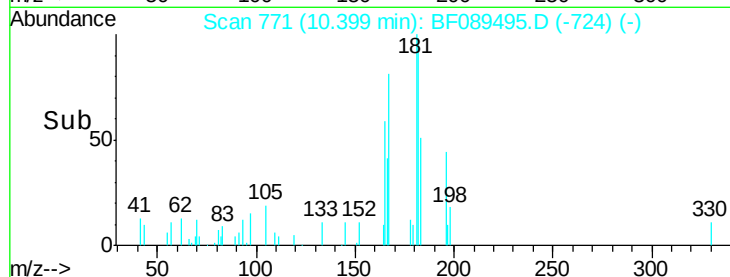
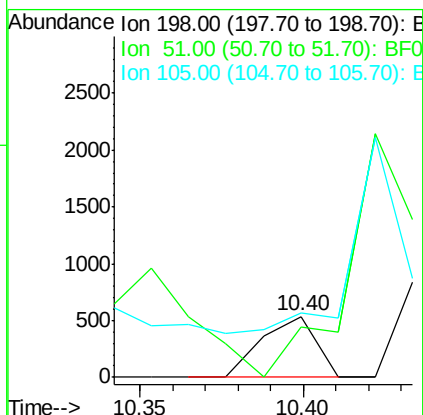
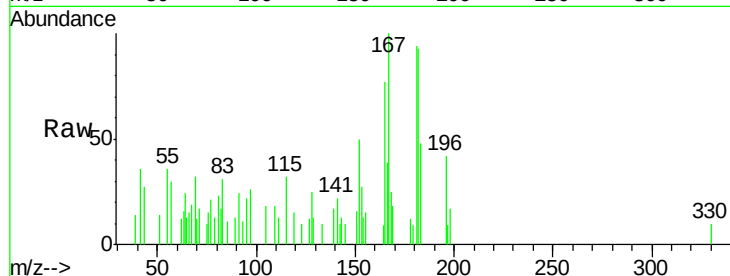




#64
4,6-Dinitro-2-methylphenol
Concen: 5.19 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.24 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

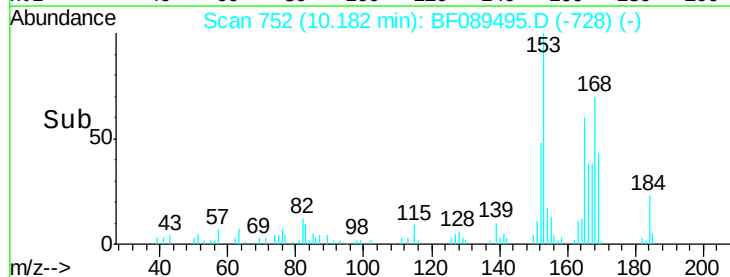
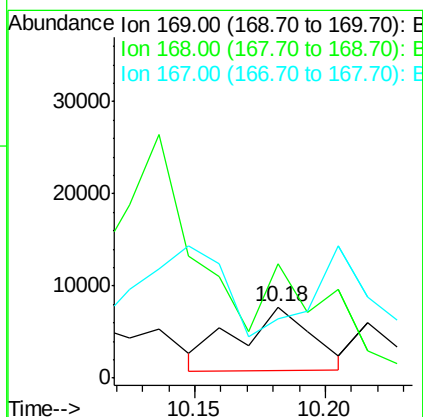
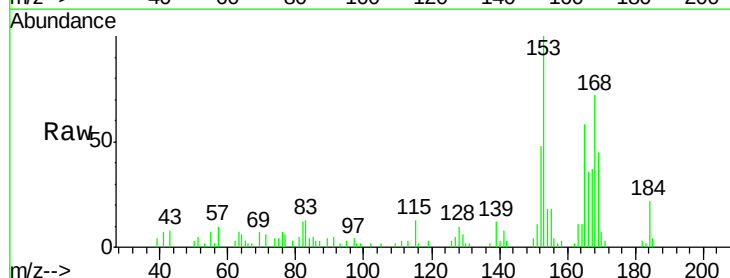
Instrument :
BNA_F
ClientSampled :

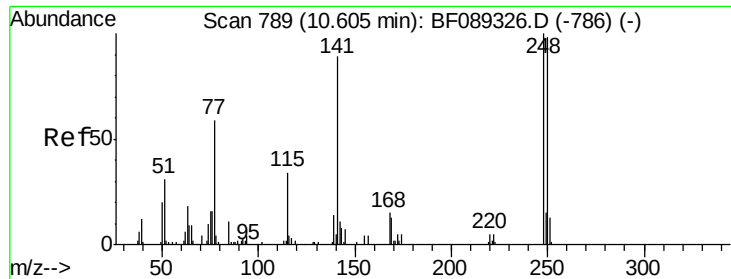
Tot Ion:198 Resp: 614
Ion Ratio Lower Upper
198 100
51 82.6 23.0 63.0#
105 106.6 28.3 68.3#



#65
n-Nitrosodiphenylamine
Concen: 4.10 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

Tgt Ion:169 Resp: 13803
Ion Ratio Lower Upper
169 100
168 161.3 55.4 83.0#
167 83.1 29.7 44.5#

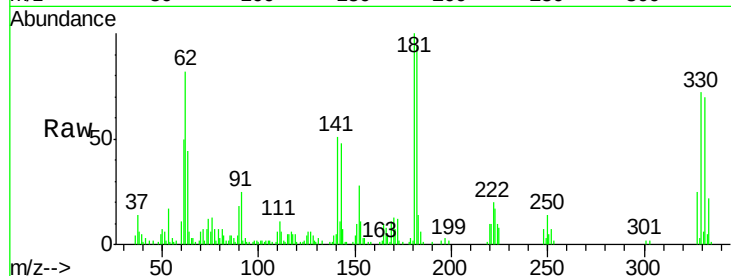




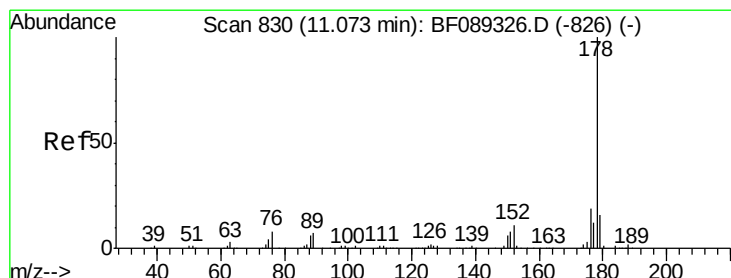
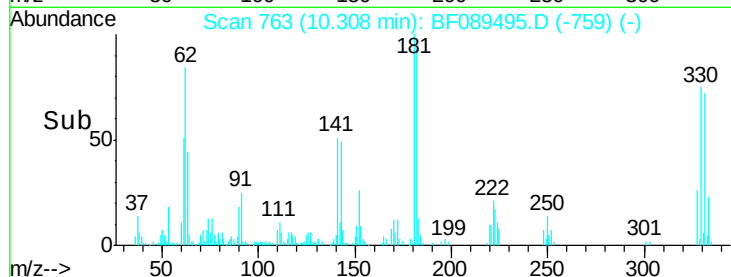
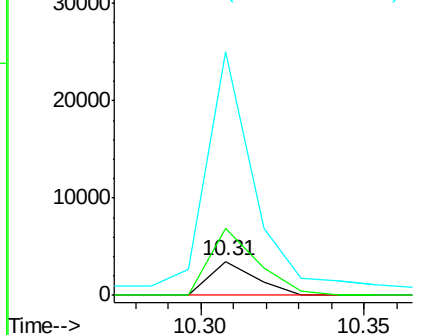
#66
 4-Bromophenyl-phenylether
 Concen: 3.25 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.25 min
 Lab File: BF089495.D
 Acq: 1 Aug 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 3345
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.2 117.2#
 141 718.9 62.0 93.0#

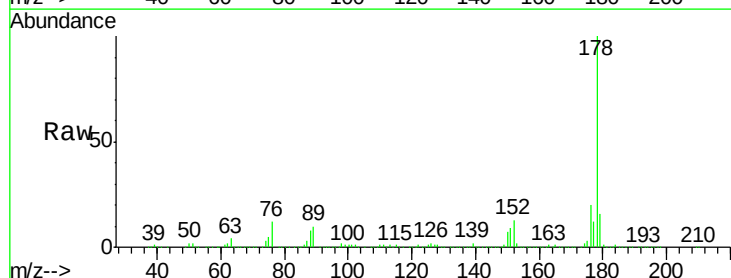


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

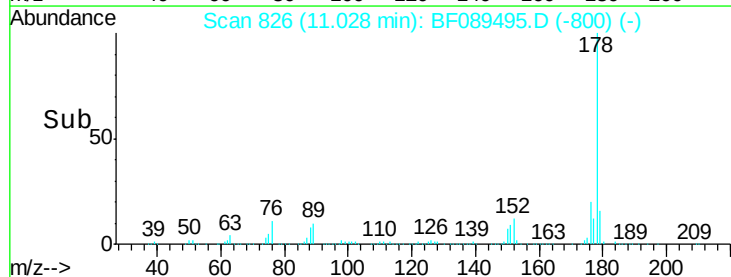
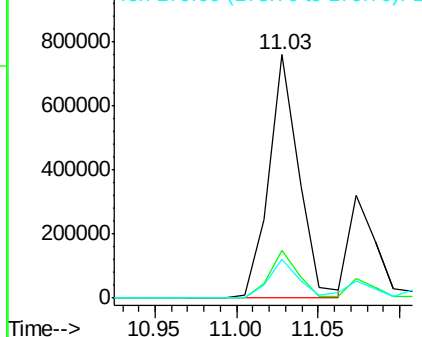


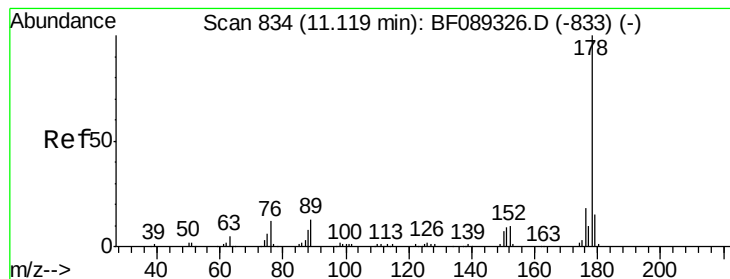
#70
 Phenanthrene
 Concen: 175.48 ng
 RT: 11.03 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF089495.D
 Acq: 1 Aug 2016 5:01

Tgt Ion:178 Resp: 976210
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 16.2 12.3 18.5



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: 65.87 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampled :

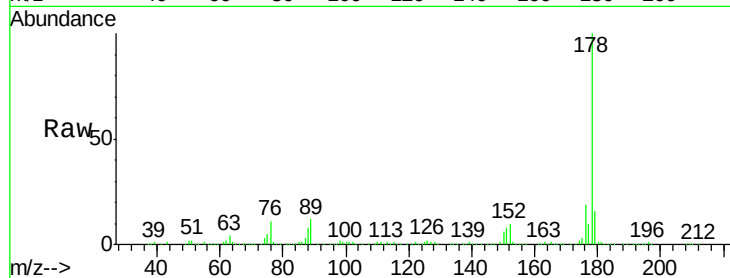
Tot Ion:178 Resp: 407441

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

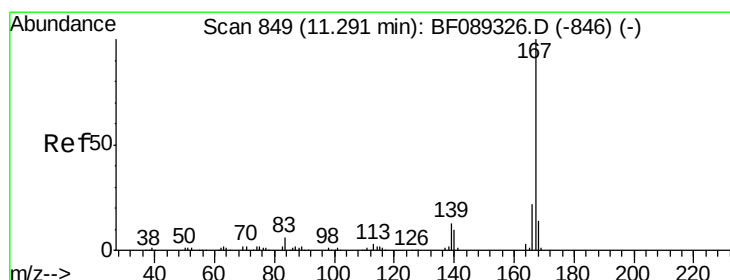
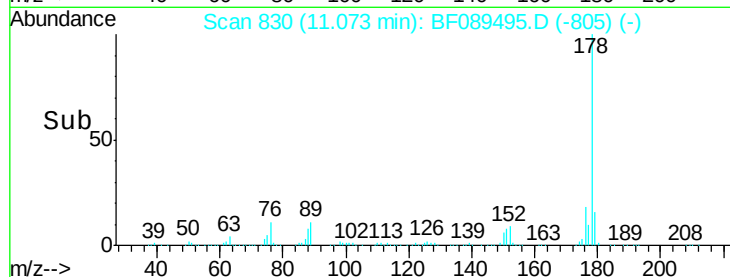
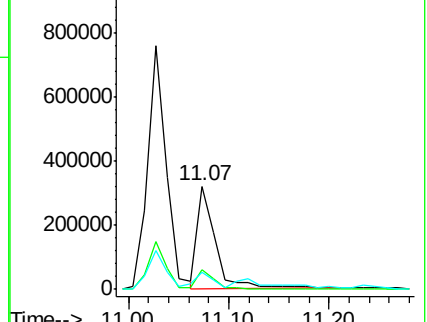
179 16.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 15.89 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

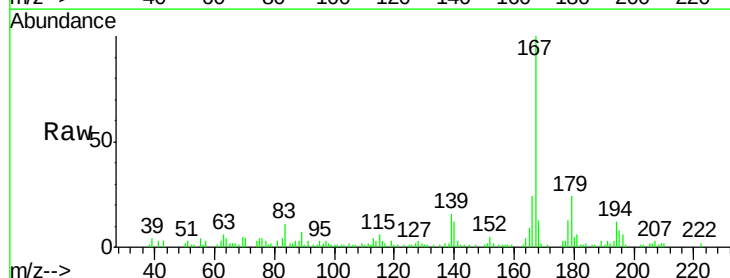
Tgt Ion:167 Resp: 82722

Ion Ratio Lower Upper

167 100

166 24.1 17.6 26.4

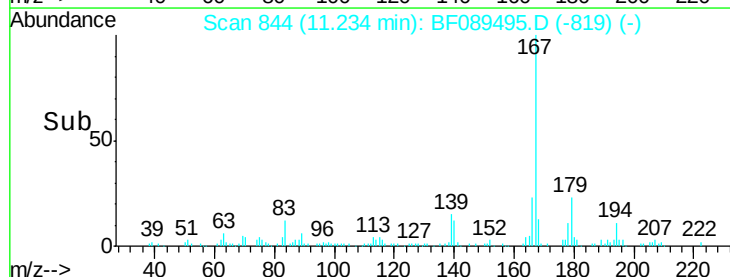
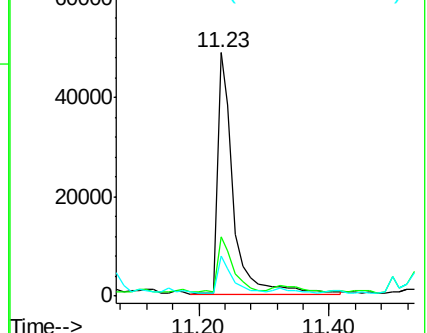
139 16.3 10.1 15.1#

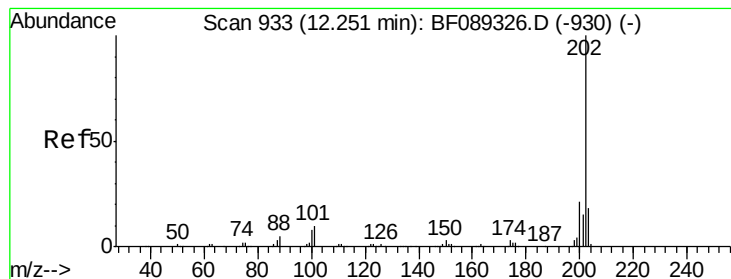


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

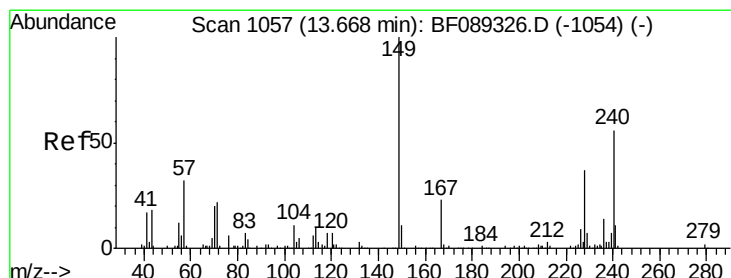
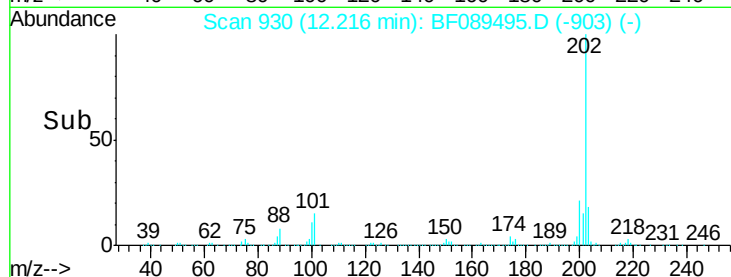
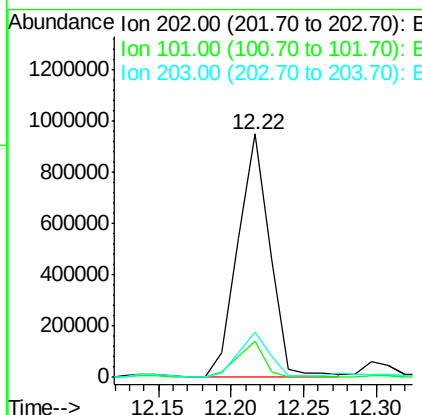
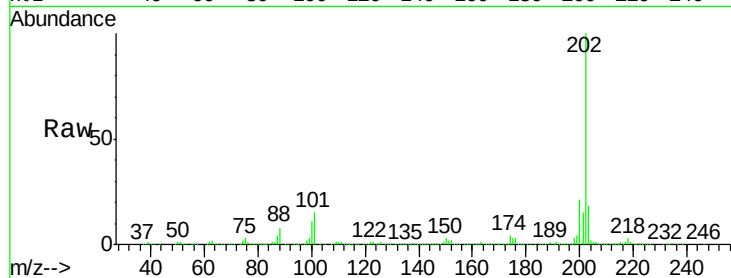




#74
 Fluoranthene
 Concen: 246.90 ng
 RT: 12.22 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF089495.D
 Acq: 1 Aug 2016 5:01

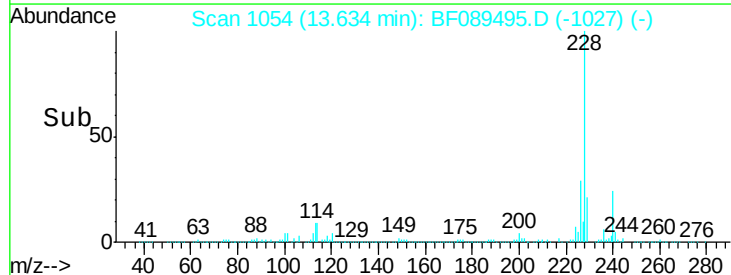
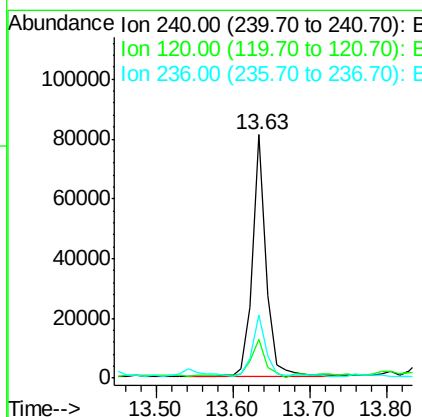
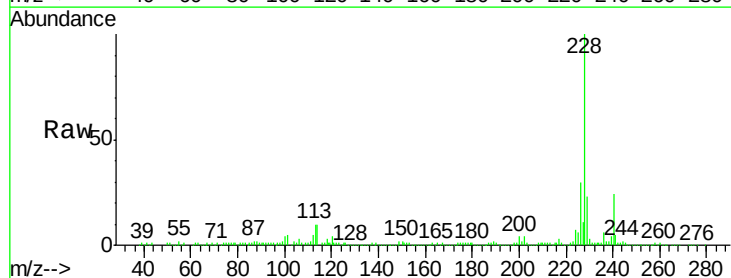
Instrument :
 BNA_F
 ClientSampleId :

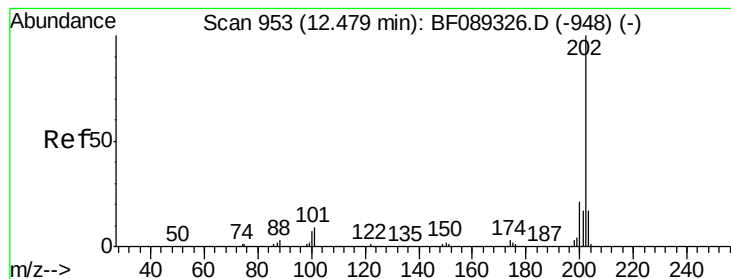
Tot Ion:202 Resp: 1444842
 Ion Ratio Lower Upper
 202 100
 101 14.9 0.0 29.9
 203 18.4 0.0 37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: BF089495.D
 Acq: 1 Aug 2016 5:01

Tgt Ion:240 Resp: 99865
 Ion Ratio Lower Upper
 240 100
 120 15.8 9.1 13.7#
 236 25.7 20.6 30.8





#77

Pvrene

Concen: 171.28 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

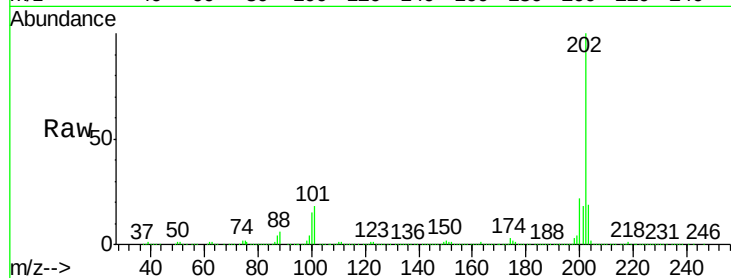
Tot Ion:202 Resp: 1296304

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

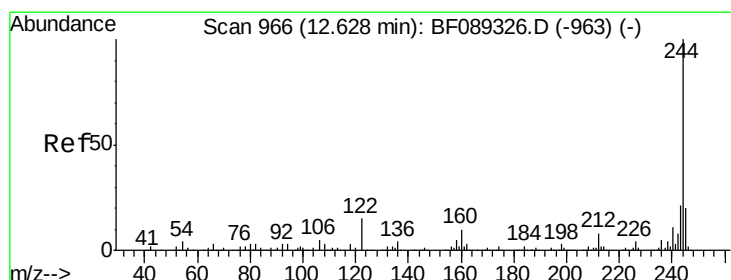
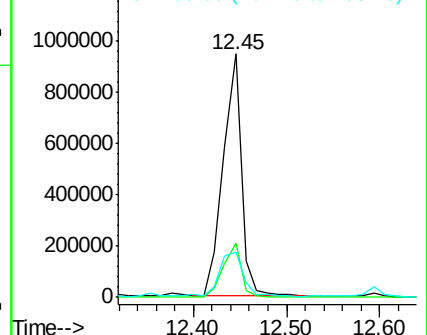
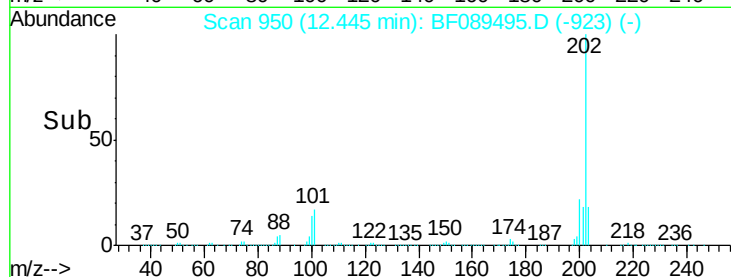
203 18.8 14.0 21.0



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: 58.95 ng

RT: 12.58 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

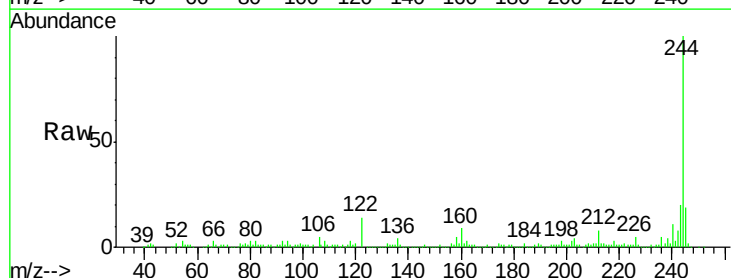
Tgt Ion:244 Resp: 251547

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

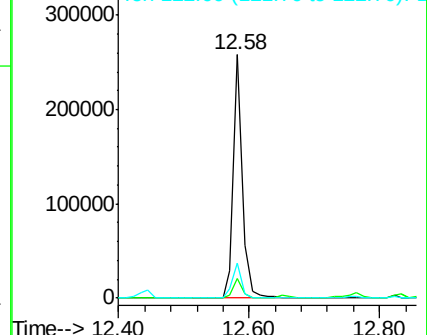
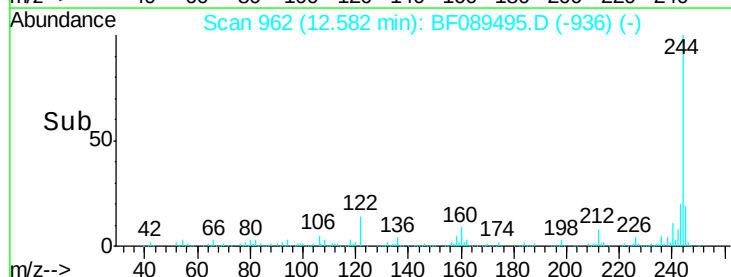
122 14.3 11.4 17.0

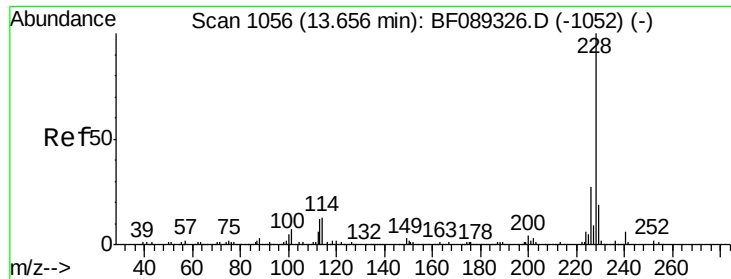


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 159.96 ng

RT: 13.62 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

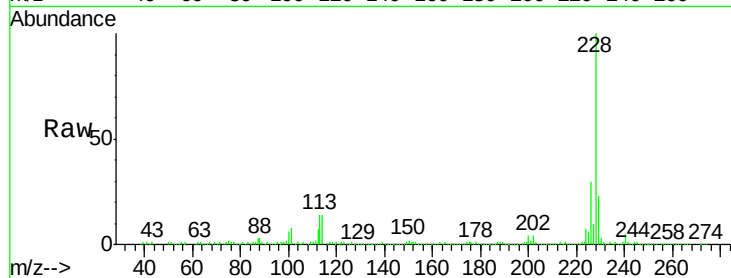
Tot Ion:228 Resp: 901482

Ion Ratio Lower Upper

228 100

226 30.1 21.4 32.2

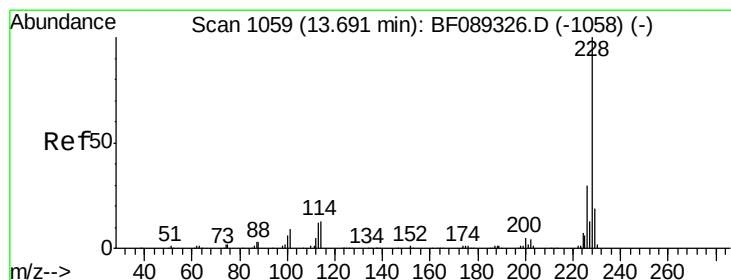
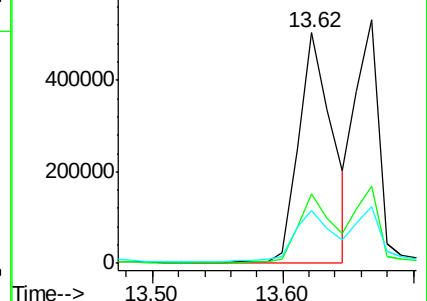
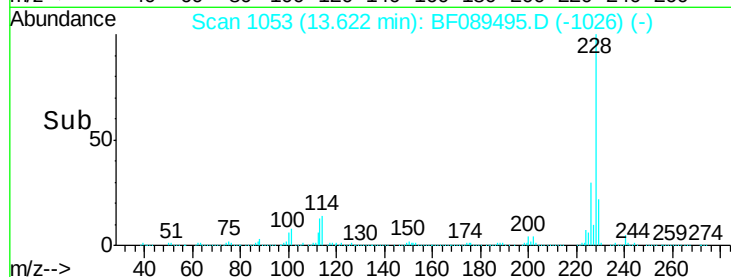
229 22.9 15.9 23.9



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: 110.97 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.02 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

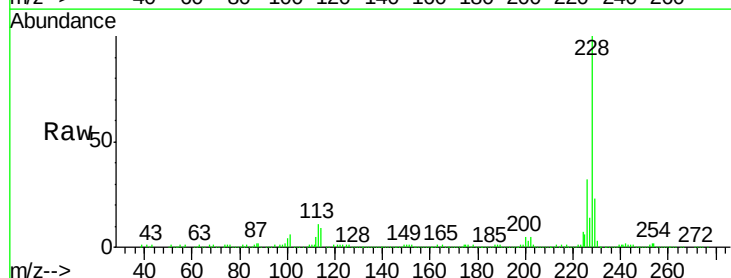
Tgt Ion:228 Resp: 665721

Ion Ratio Lower Upper

228 100

226 31.8 24.2 36.2

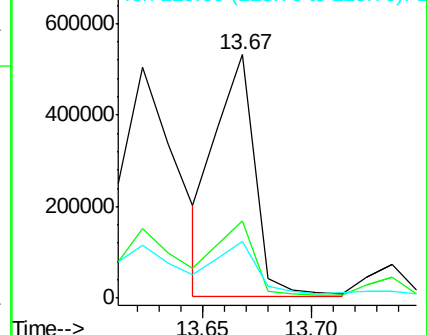
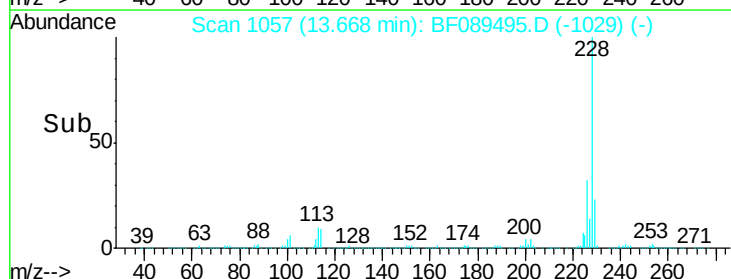
229 23.2 15.9 23.9

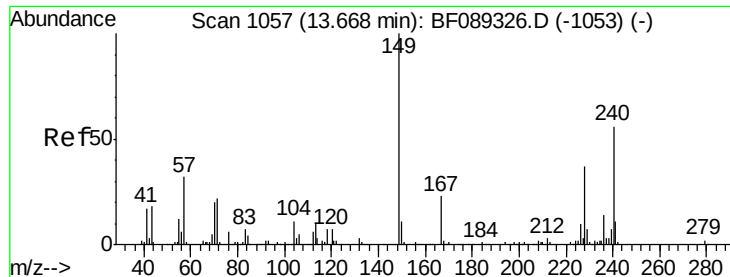


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.01 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampled :

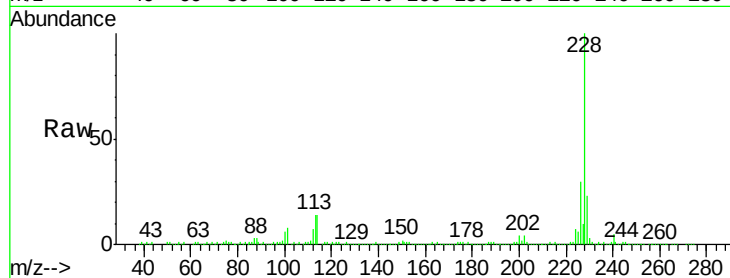
Tot Ion:149 Resp: 14958

Ion Ratio Lower Upper

149 100

167 26.0 18.8 28.2

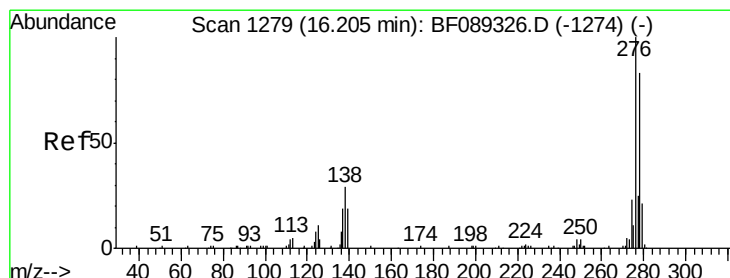
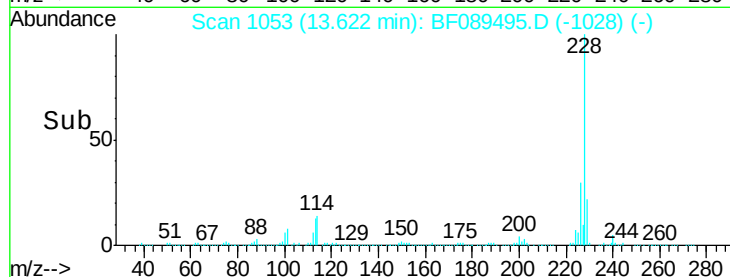
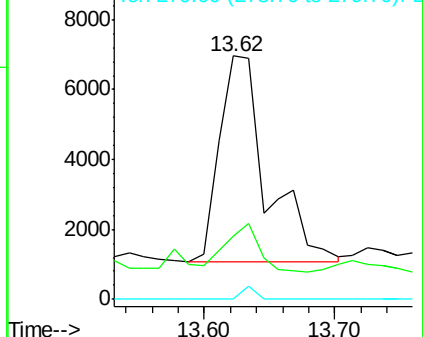
279 0.0 1.4 2.0#



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: 65.45 ng

RT: 16.16 min Scan# 1275

Delta R.T. 0.02 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

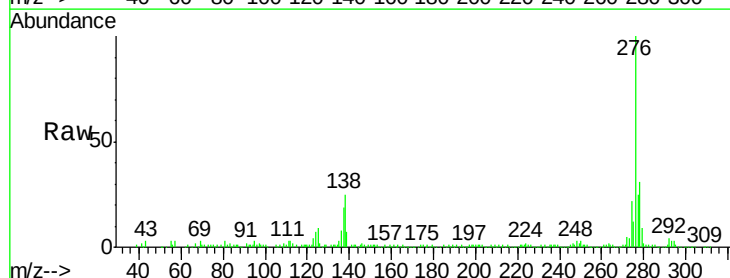
Tgt Ion:276 Resp: 279174

Ion Ratio Lower Upper

276 100

138 27.1 23.0 34.4

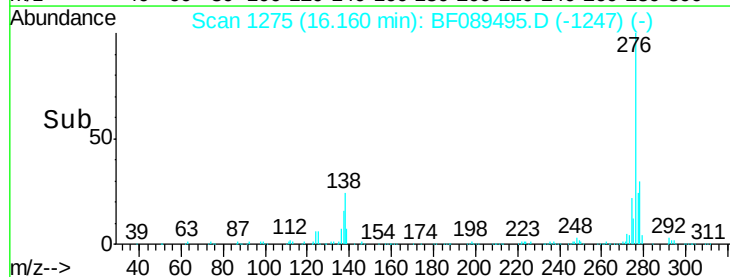
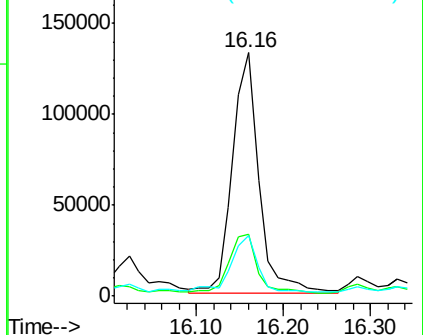
277 24.0 20.2 30.4

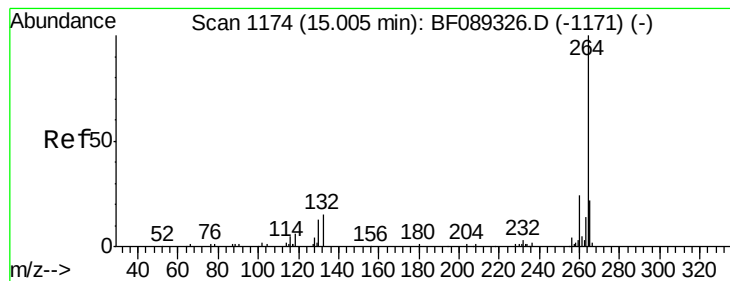


Abundance Ion 276.00 (275.70 to 276.70): E

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: 14.97 min Scan# 1171

Delta R.T. 0.02 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampled :

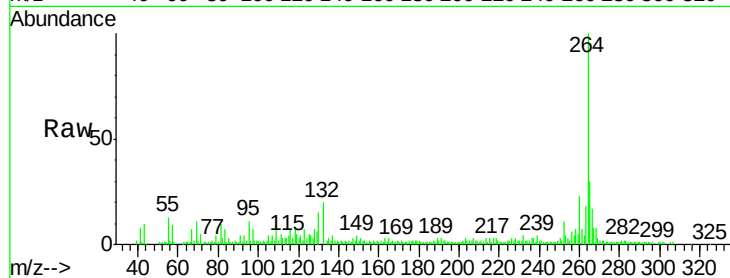
Tot Ion:264 Resp: 86139

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

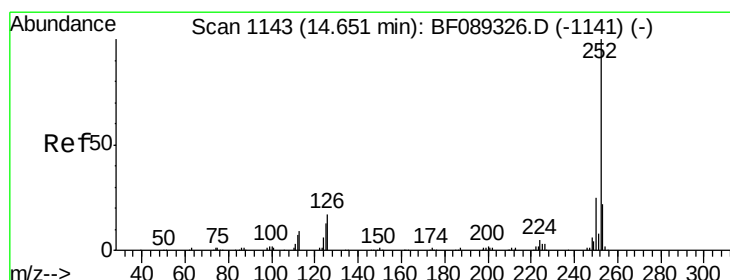
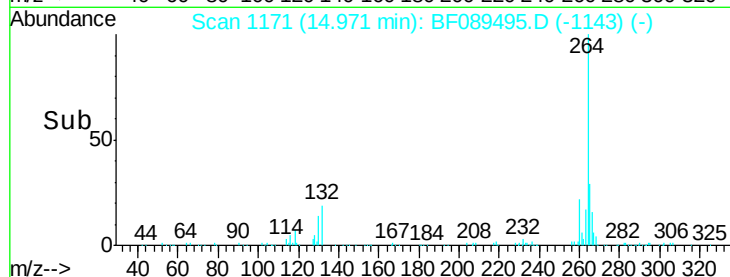
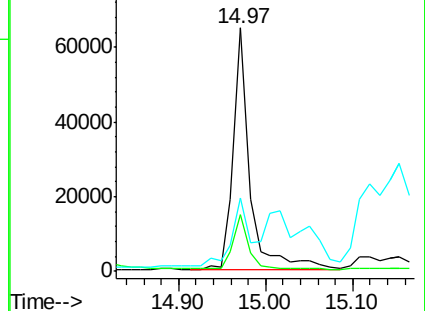
265 30.0 17.5 26.3#



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



#87

Benzo(b)fluoranthene

Concen: 194.69 ng

RT: 14.63 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

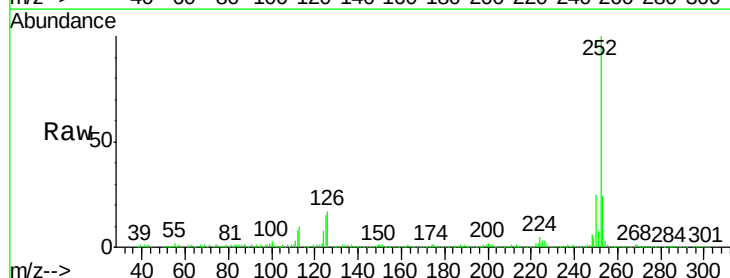
Tgt Ion:252 Resp: 1041469

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

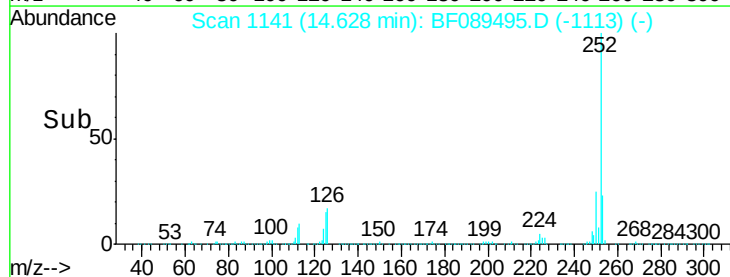
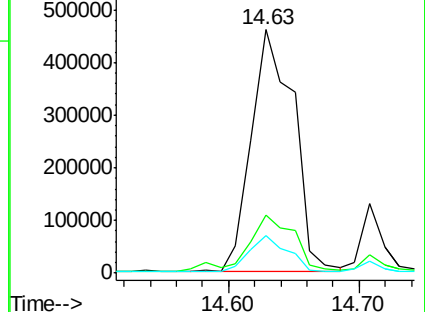
125 15.3 9.7 14.5#

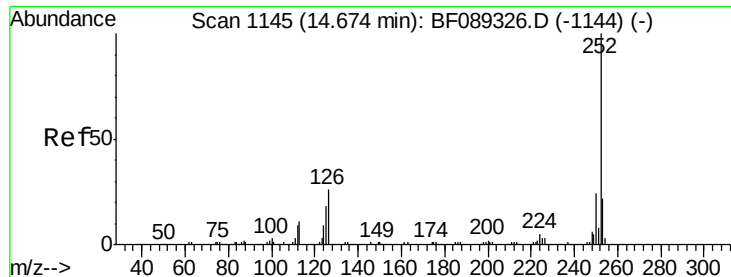


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

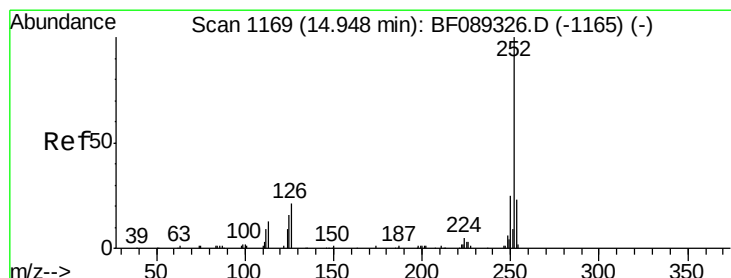
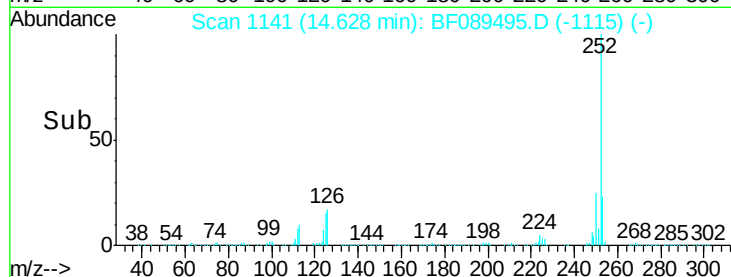
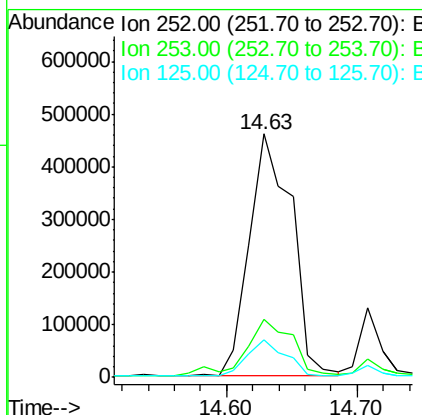
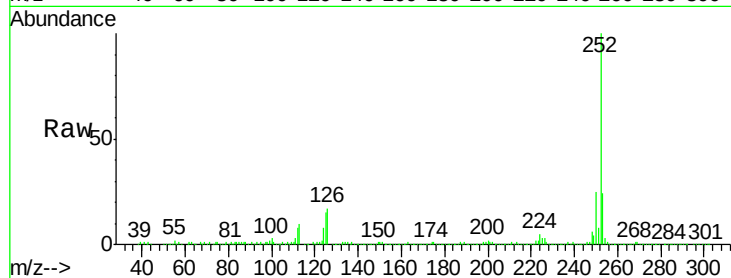




#88
Benzo(k)fluoranthene
Concen: 211.76 ng
RT: 14.63 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

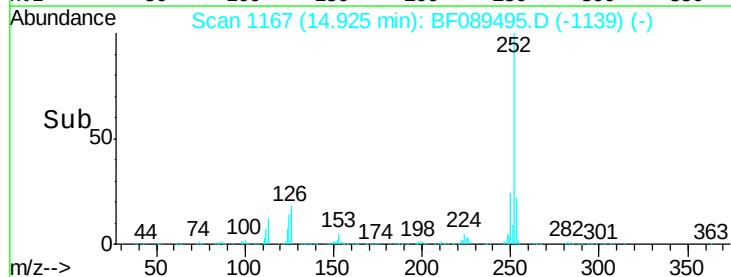
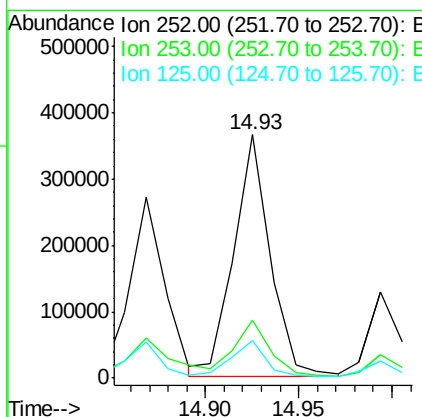
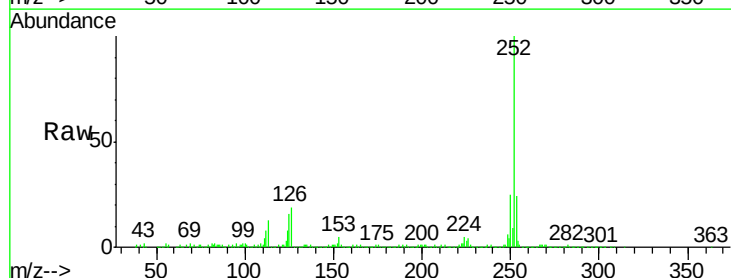
Instrument :
BNA_F
ClientSampleId :

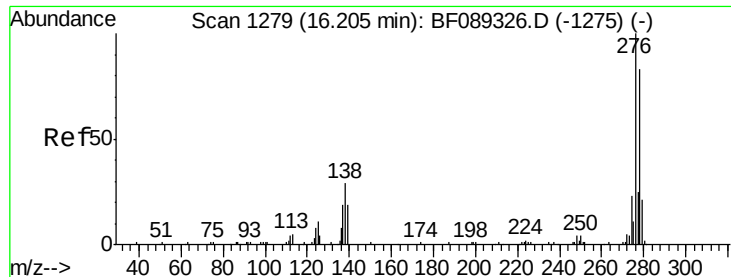
Tot Ion:252 Resp: 1041469
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 15.3 10.7 16.1



#89
Benzo(a)pyrene
Concen: 103.27 ng
RT: 14.93 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BF089495.D
Acq: 1 Aug 2016 5:01

Tgt Ion:252 Resp: 495562
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 15.6 12.4 18.6





#90

Dibenzo(a,h)anthracene

Concen: 23.04 ng

RT: 16.16 min Scan# 1275

Delta R.T. 0.02 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

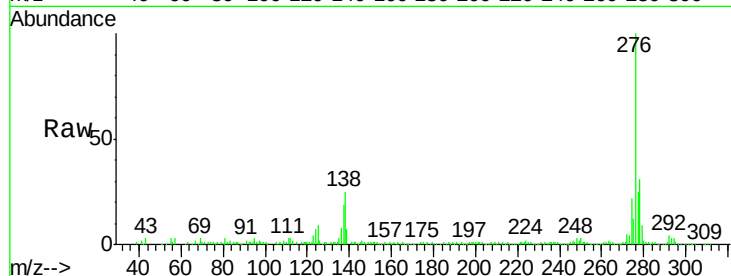
Tot Ion:278 Resp: 87096

Ion Ratio Lower Upper

278 100

139 22.5 16.3 24.5

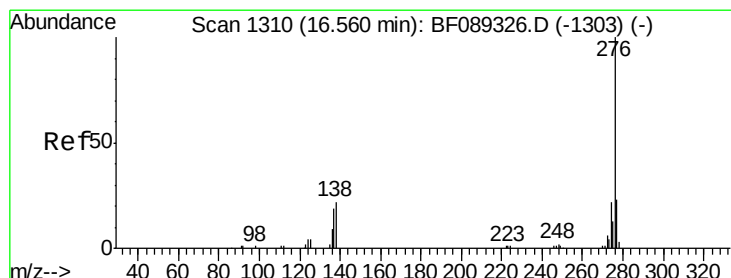
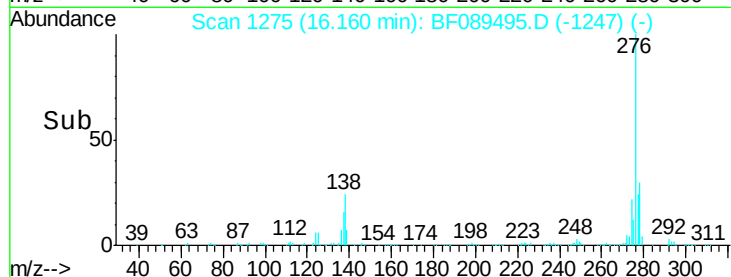
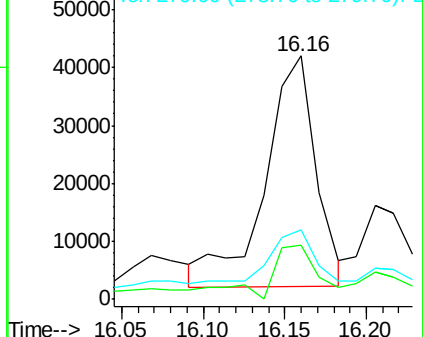
279 28.6 19.1 28.7



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: 65.34 ng

RT: 16.51 min Scan# 1306

Delta R.T. 0.03 min

Lab File: BF089495.D

Acq: 1 Aug 2016 5:01

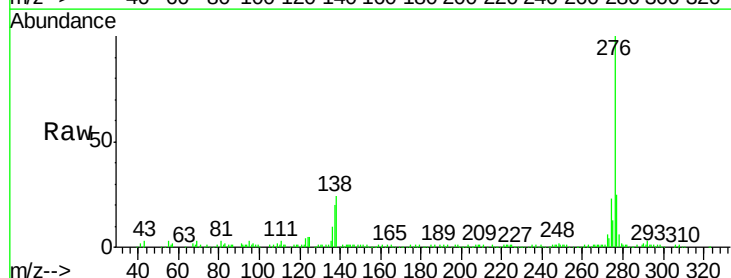
Tgt Ion:276 Resp: 242808

Ion Ratio Lower Upper

276 100

277 25.3 18.6 28.0

138 23.6 21.4 32.0



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

