

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089498.D
 Acq On : 1 Aug 2016 6:30
 Operator : UM/SJ
 Sample : H4215-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

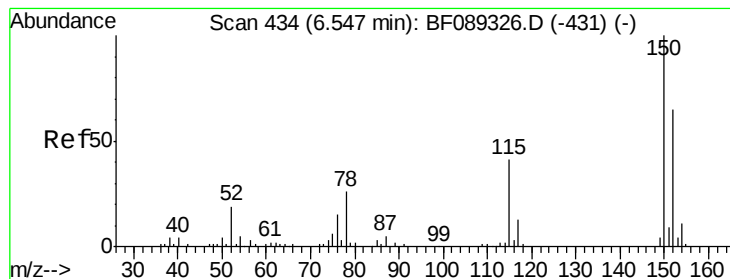
Quant Time: Aug 01 07:16:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	37764	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	134845	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	56389	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	111327	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	88512	20.00	ng	0.00
86) Perylene-d12	14.96	264	61597	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.07	112	255871	108.19	ng	0.01
7) Phenol-d6	6.16	99	329611	105.46	ng	-0.01
23) Nitrobenzene-d5	7.06	82	187541	82.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	48018	102.82	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	275385	71.67	ng	-0.01
78) Terphenyl-d14	12.58	244	256565	67.84	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.67	88	55315	52.74	ng	# 26
19) n-Nitroso-di-n-propylamine	7.06	70	25223	13.38	ng	# 82
31) Naphthalene	7.80	128	16160	2.42	ng	99
48) Acenaphthylene	9.38	152	64231	11.31	ng	98
49) Dimethylphthalate	9.26	163	47543	11.08	ng	97
51) Acenaphthene	9.55	154	6857	2.07	ng	99
55) 4-Nitrophenol	9.72	139	3313	12.93	ng	# 4
57) Fluorene	10.07	166	25254	6.40	ng	98
66) 4-Bromophenyl-phenylether	10.31	248	3714	3.49	ng	# 1
70) Phenanthrene	11.02	178	127518	22.21	ng	98
71) Anthracene	11.07	178	61911	9.70	ng	100
72) Carbazole	11.23	167	17576	3.27	ng	# 93
74) Fluoranthene	12.21	202	279817	46.33	ng	98
77) Pyrene	12.42	202	236307	35.23	ng	98
80) Benzo(a)anthracene	13.61	228	135706	27.17	ng	# 86
82) Chrysene	13.61	228	135706	25.52	ng	# 90
83) Bis(2-ethylhexyl)phthalate	13.63	149	38227	8.67	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.15	276	54832	14.50	ng	98
87) Benzo(b)fluoranthene	14.62	252	163609	42.77	ng	# 93
88) Benzo(k)fluoranthene	14.62	252	163609	46.52	ng	96
89) Benzo(a)pyrene	14.91	252	81031	23.61	ng	96
90) Dibenzo(a,h)anthracene	16.15	278	15316	5.67	ng	# 80
91) Benzo(g,h,i)perylene	16.50	276	55282	20.80	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

ClientSampled :

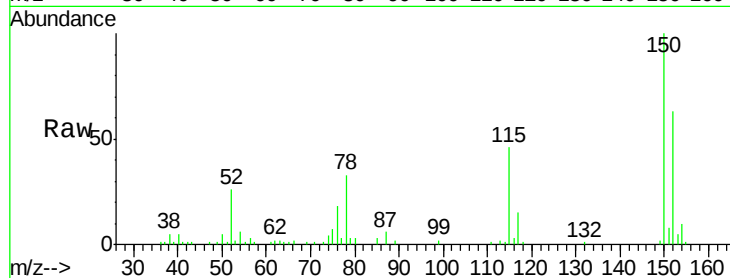
Tot Ion:152 Resp: 37764

Ion Ratio Lower Upper

152 100

150 158.6 129.5 194.3

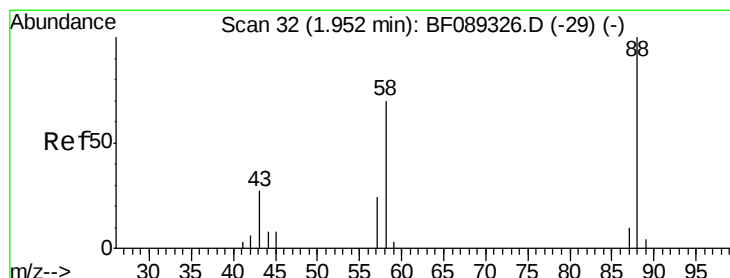
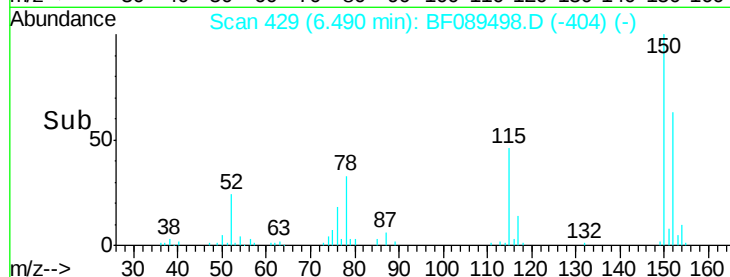
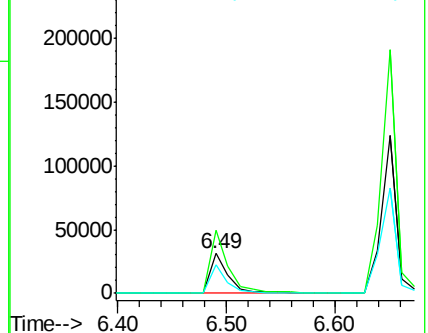
115 72.3 51.4 77.2



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: 52.74 ng

RT: 1.67 min Scan# 7

Delta R.T. -0.23 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

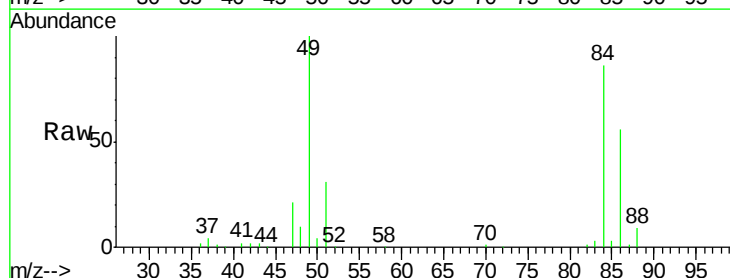
Tgt Ion: 88 Resp: 55315

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

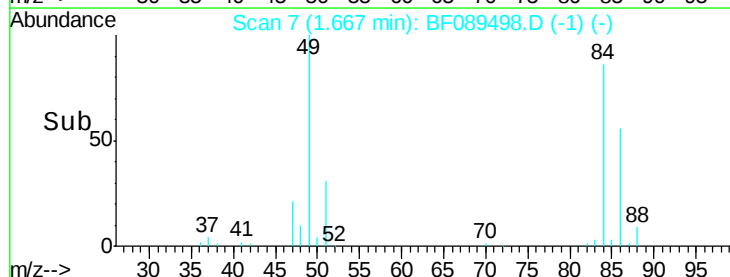
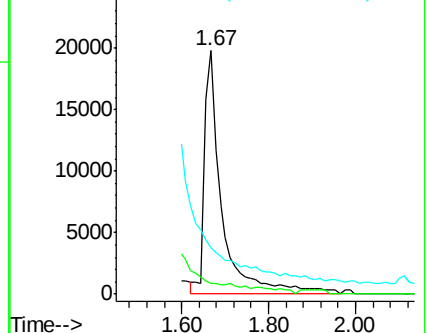
43 0.0 20.6 31.0#

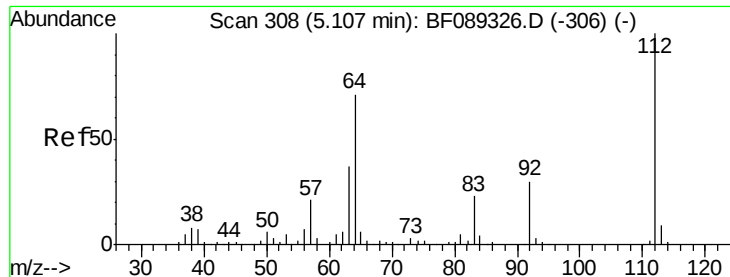


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 108.19 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.01 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

ClientSampled :

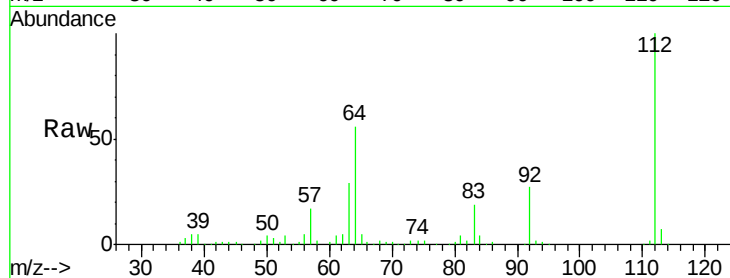
Tot Ion:112 Resp: 255871

Ion Ratio Lower Upper

112 100

64 55.8 55.0 82.6

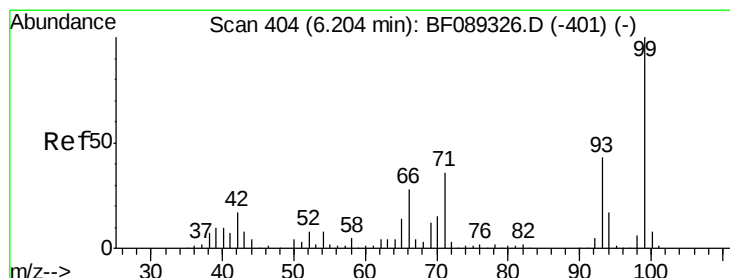
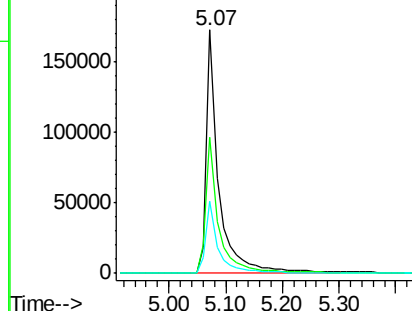
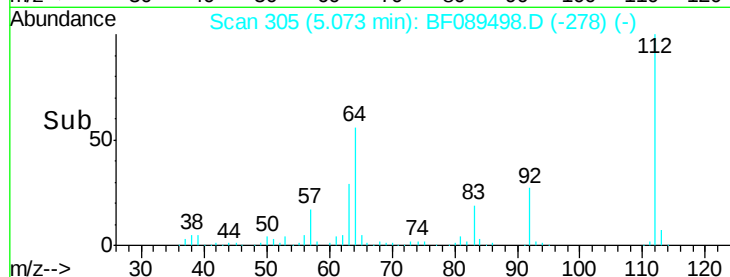
63 29.4 29.4 44.2#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 105.46 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

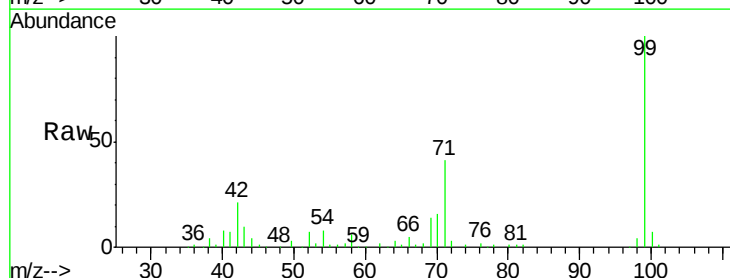
Tgt Ion: 99 Resp: 329611

Ion Ratio Lower Upper

99 100

42 20.7 13.6 20.4#

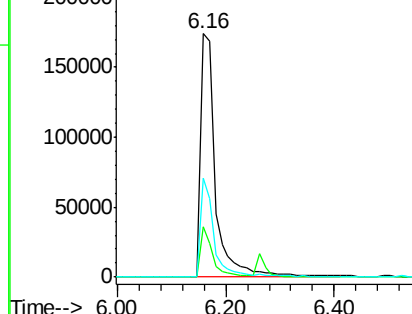
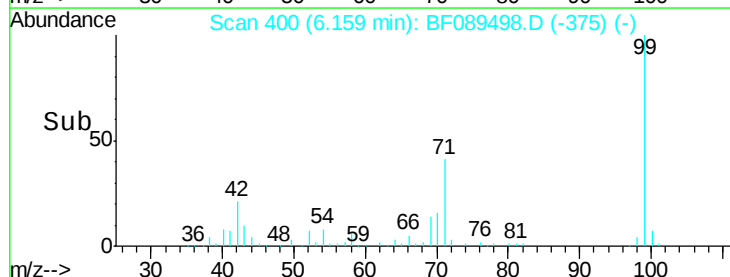
71 40.9 29.4 44.2

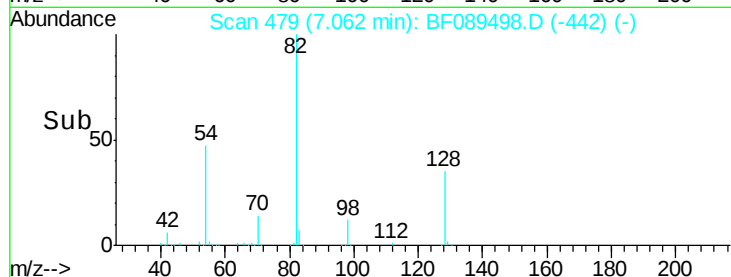
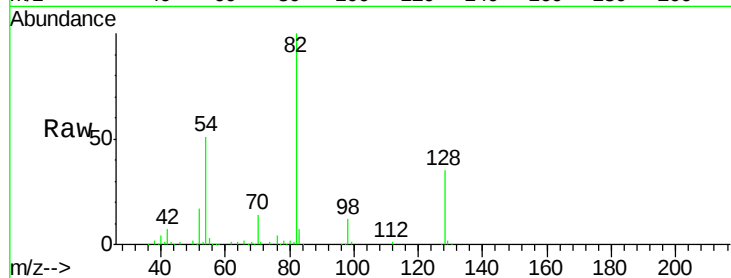
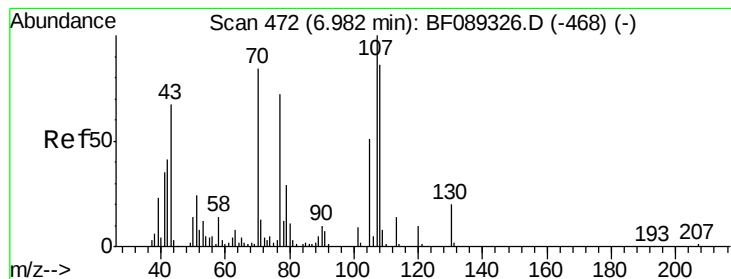


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.38 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.13 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 25223

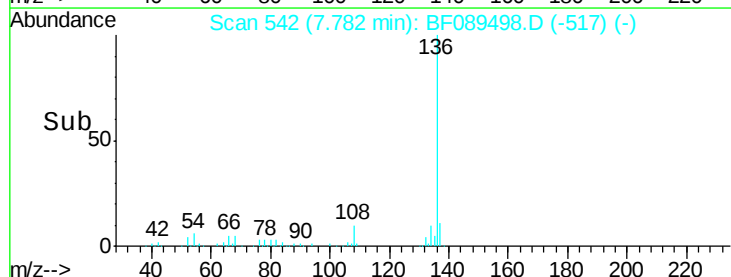
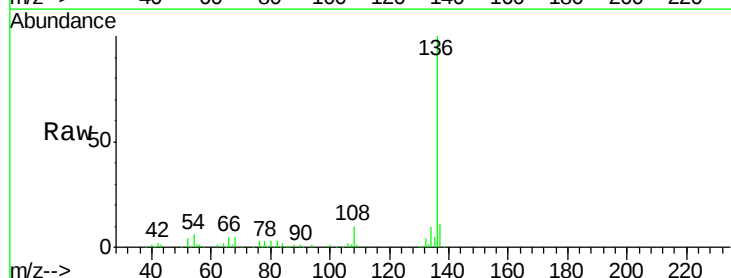
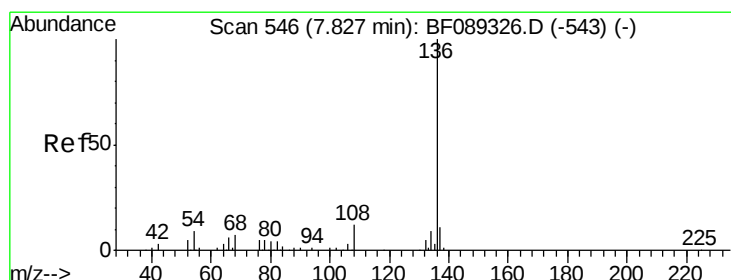
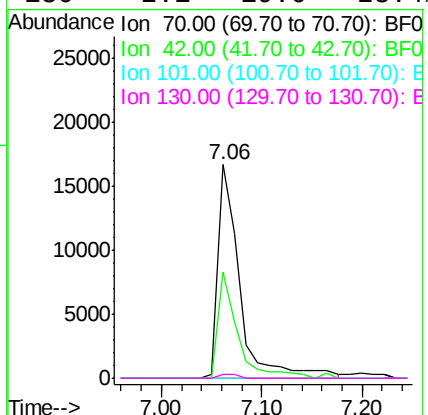
Ion Ratio Lower Upper

70 100

42 49.8 38.6 57.8

101 0.0 8.3 12.5#

130 2.1 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: BF089498.D

Acq: 1 Aug 2016 6:30

Tgt Ion: 136 Resp: 134845

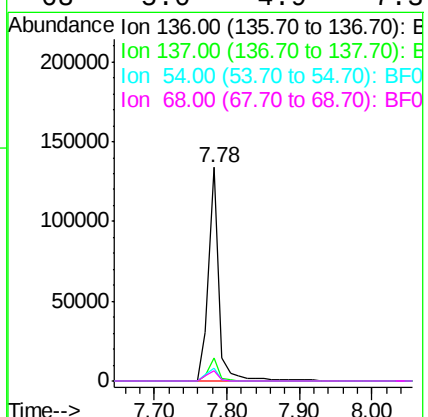
Ion Ratio Lower Upper

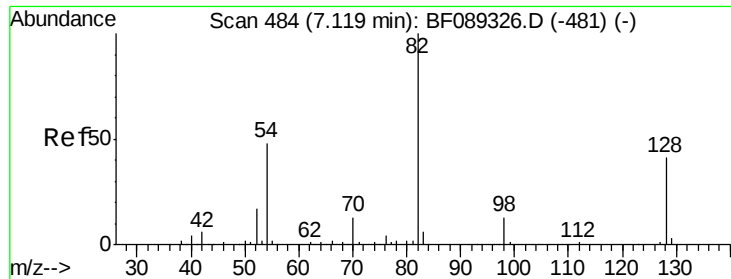
136 100

137 10.6 8.6 13.0

54 6.1 7.0 10.4#

68 5.0 4.9 7.3

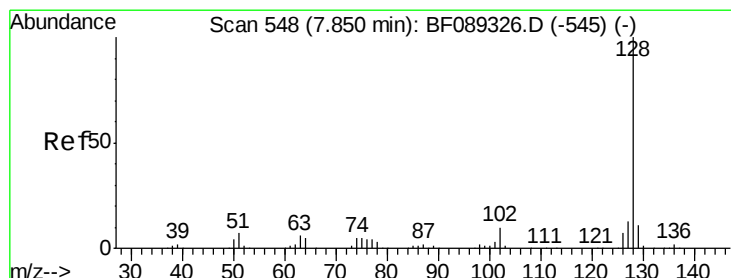
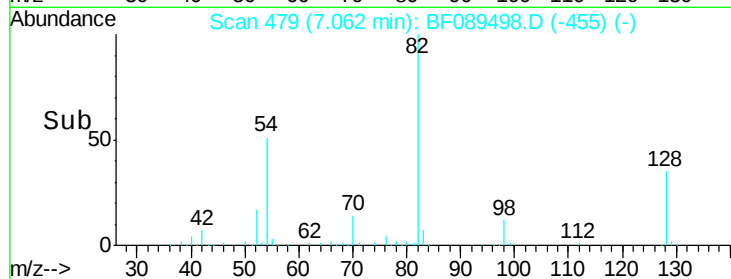
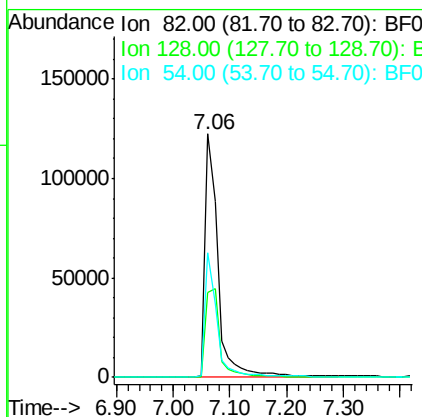
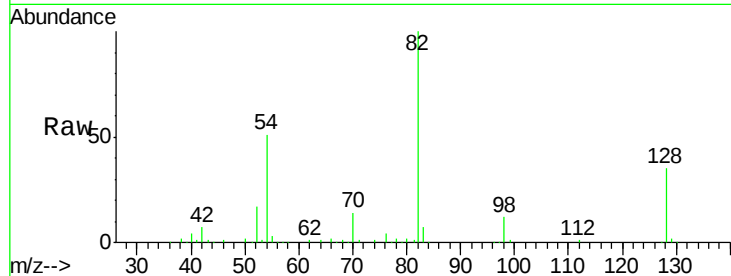




#23
 Nitrobenzene-d5
 Concen: 82.09 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.02 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

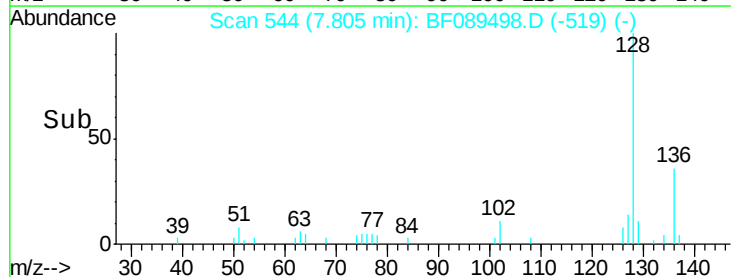
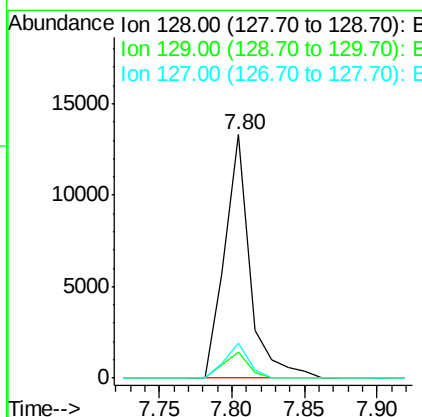
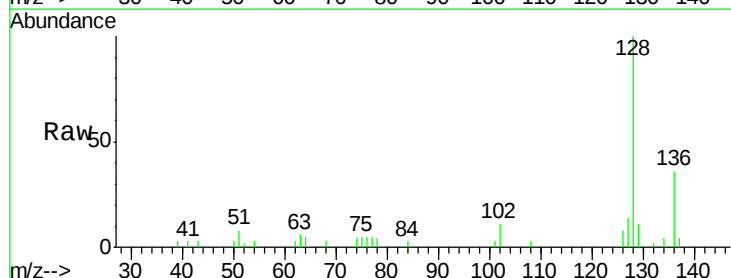
Instrument :
 BNA_F
 ClientSampleId :

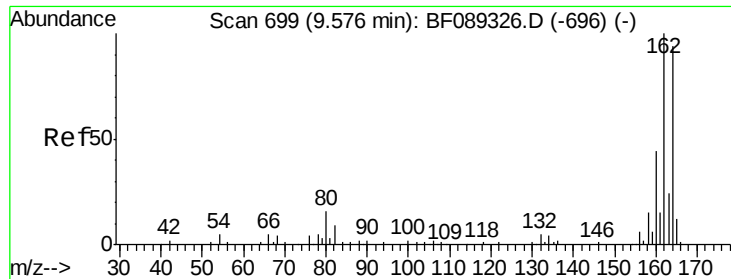
Tot Ion: 82 Resp: 187541
 Ion Ratio Lower Upper
 82 100
 128 34.7 32.5 48.7
 54 51.2 38.8 58.2



#31
 Naphthalene
 Concen: 2.42 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

Tgt Ion: 128 Resp: 16160
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.8 13.2
 127 14.2 10.8 16.2

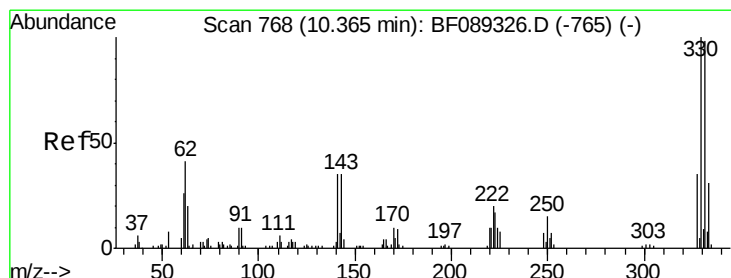
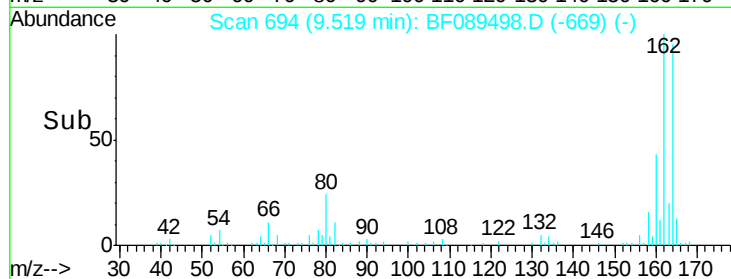
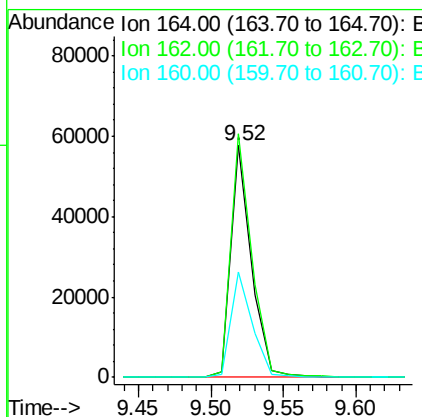
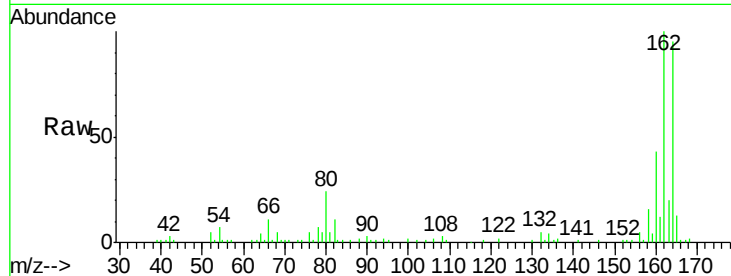




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

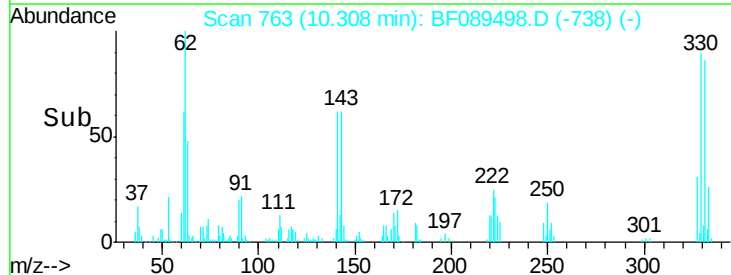
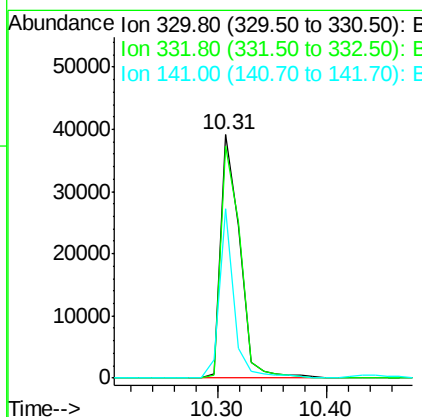
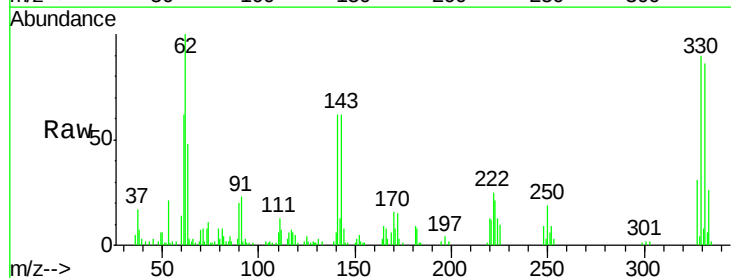
Instrument :
 BNA_F
 ClientSampleId :

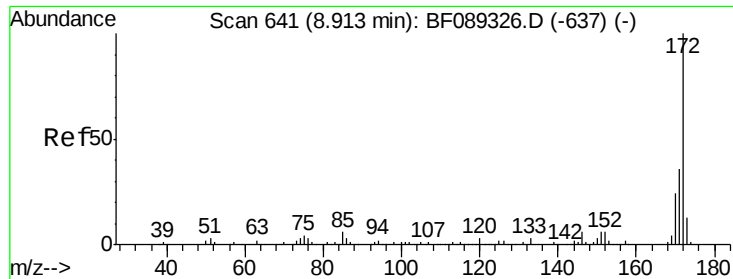
Tot Ion:164 Resp: 56389
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.7 125.5
 160 45.6 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 102.82 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

Tgt Ion:330 Resp: 48018
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 54.3 37.3 55.9

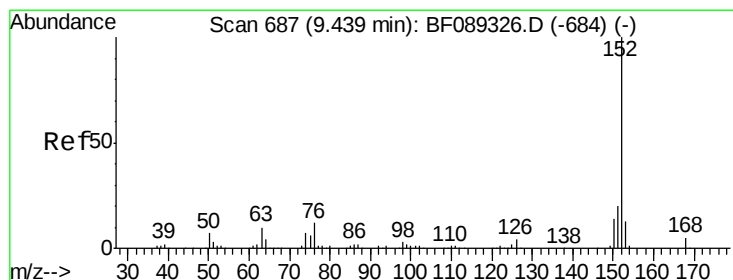
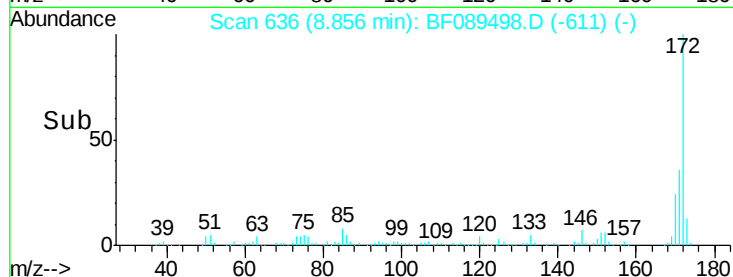
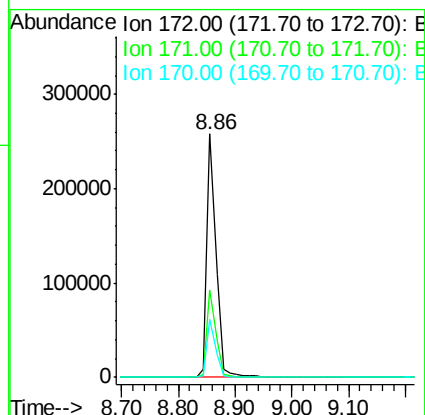
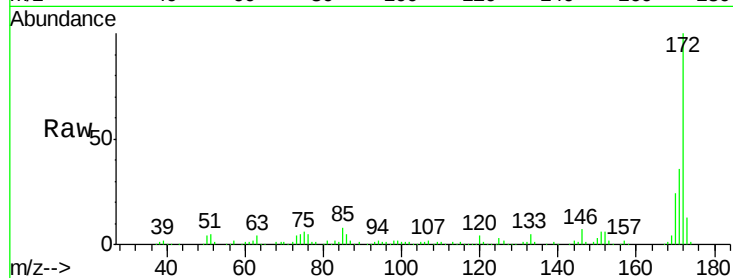




#44
2-Fluorobiphenyl
Concen: 71.67 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

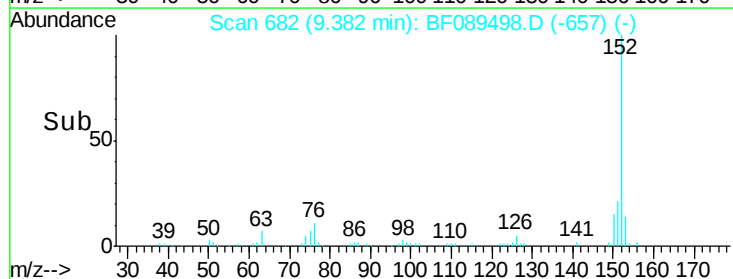
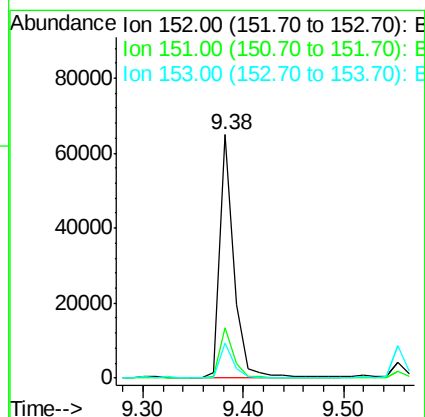
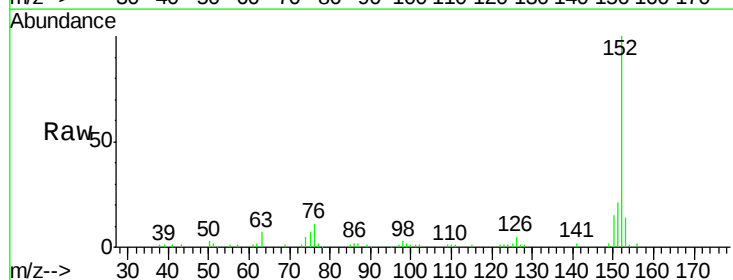
Instrument :
BNA_F
ClientSampleId :

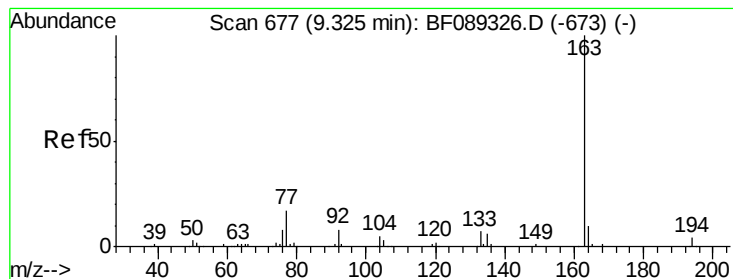
Tot Ion:172 Resp: 275385
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.6 19.2 28.8



#48
Acenaphthylene
Concen: 11.31 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion:152 Resp: 64231
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 14.1 10.2 15.4





#49

Dimethylphthalate

Concen: 11.08 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

ClientSampled :

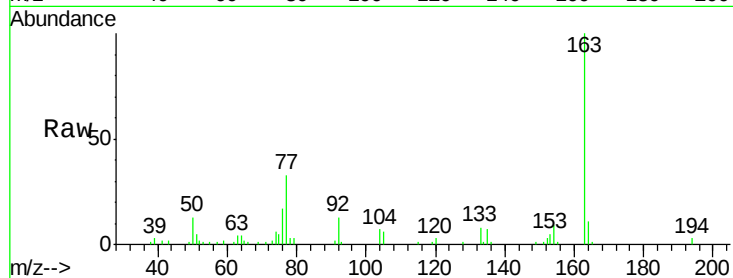
Tot Ion:163 Resp: 47543

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

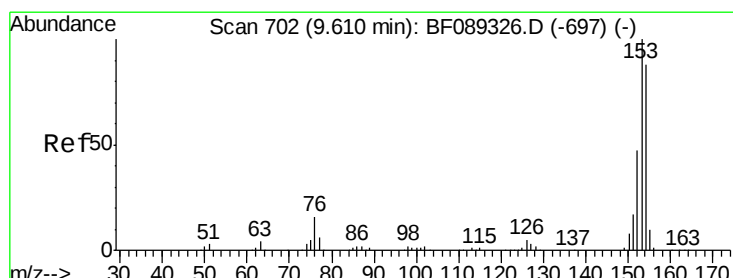
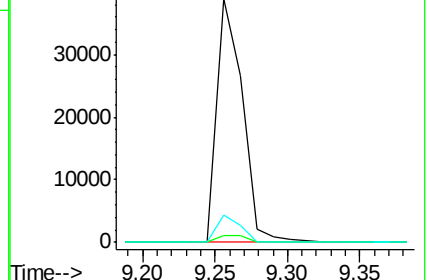
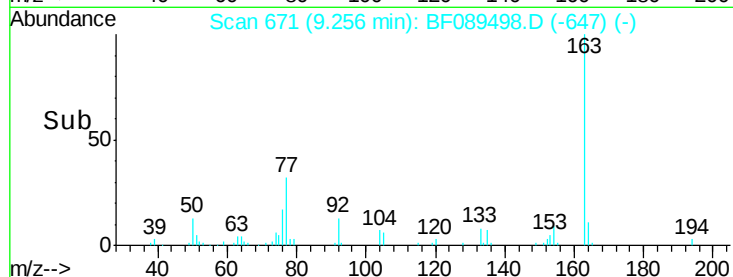
164 11.0 7.8 11.8



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: 2.07 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

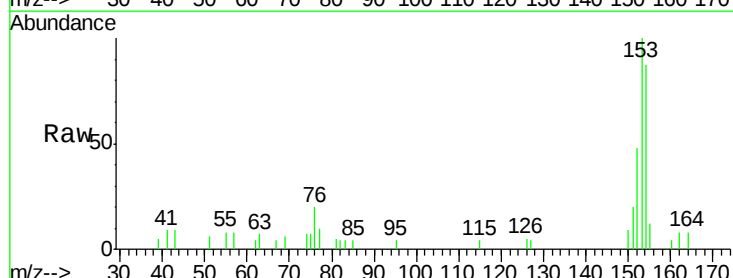
Tgt Ion:154 Resp: 6857

Ion Ratio Lower Upper

154 100

153 114.8 91.4 137.2

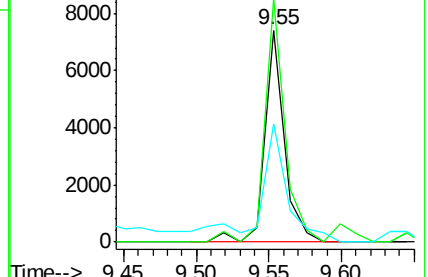
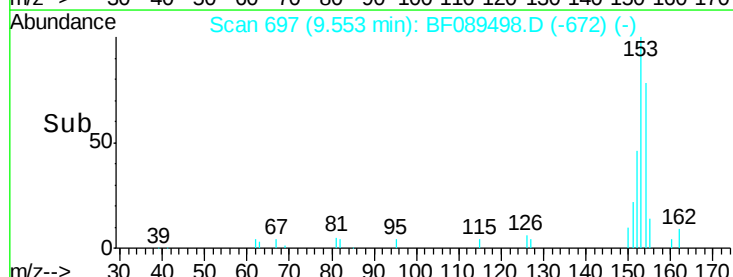
152 55.6 43.8 65.6

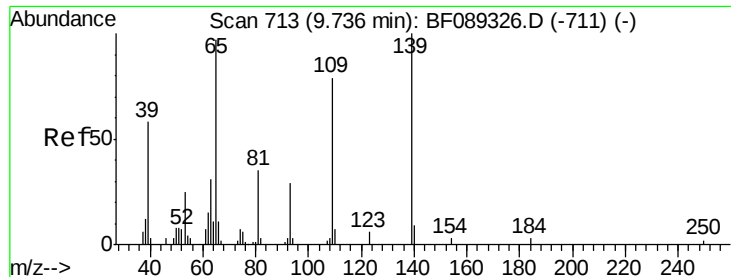


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

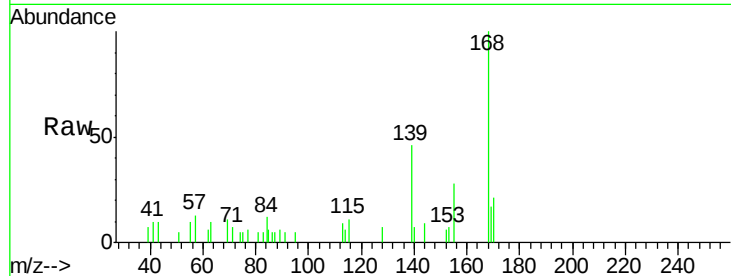




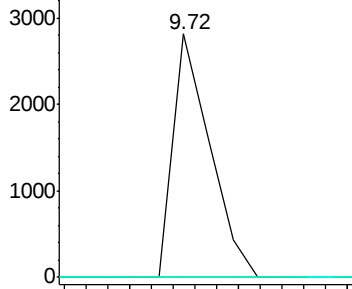
#55
4-Nitrophenol
Concen: 12.93 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.02 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :

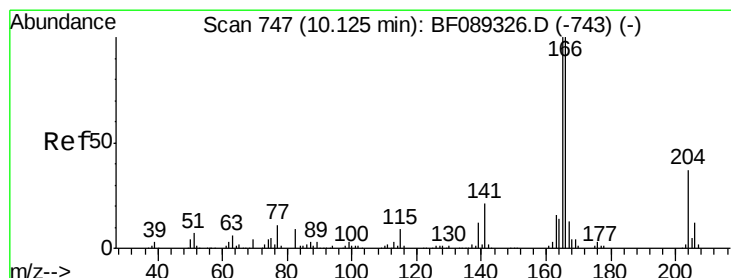
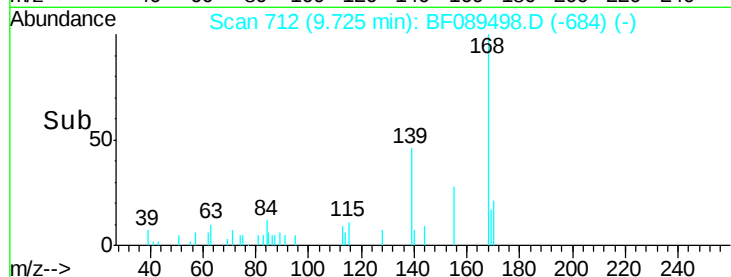
Tot Ion:139 Resp: 3313
Ion Ratio Lower Upper
139 100
109 0.0 57.8 97.8#
65 0.0 81.7 121.7#



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

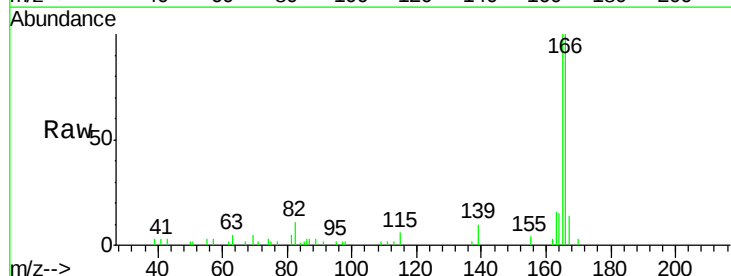


Time-->

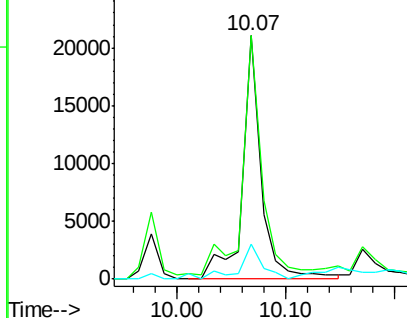


#57
Fluorene
Concen: 6.40 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

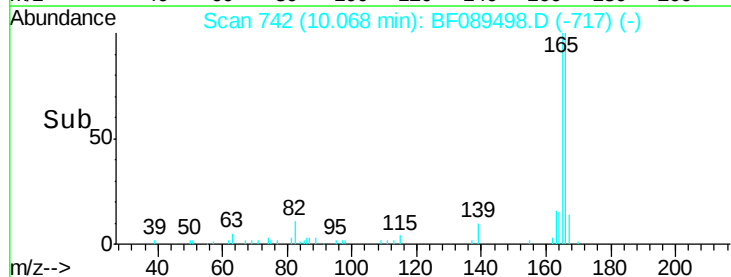
Tgt Ion:166 Resp: 25254
Ion Ratio Lower Upper
166 100
165 100.1 79.0 118.4
167 14.3 10.2 15.2

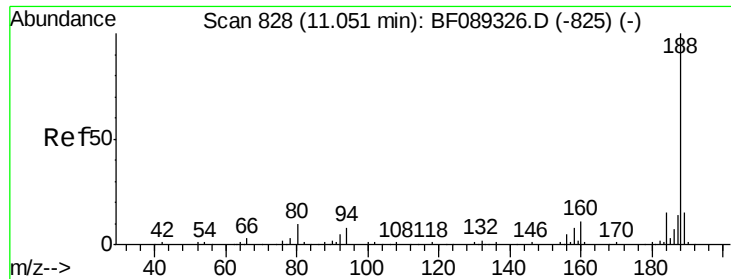


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->

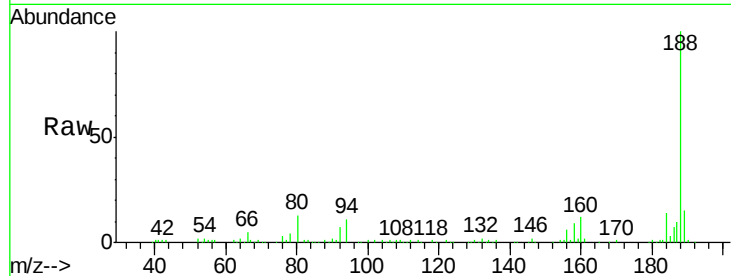




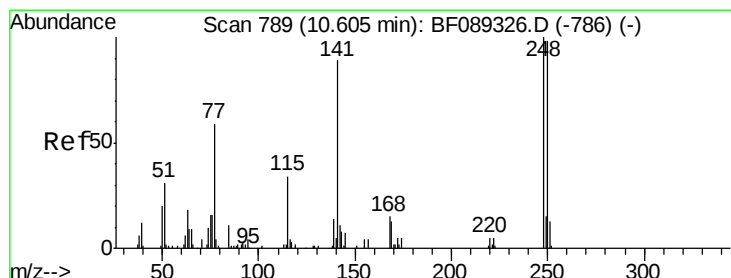
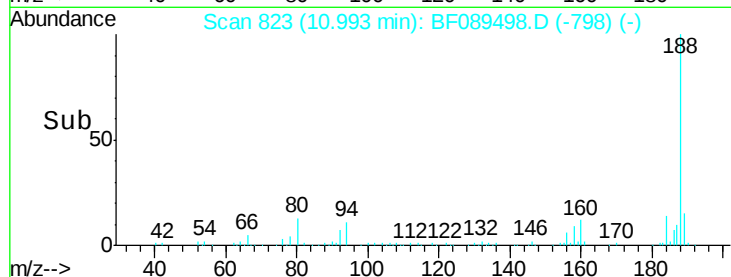
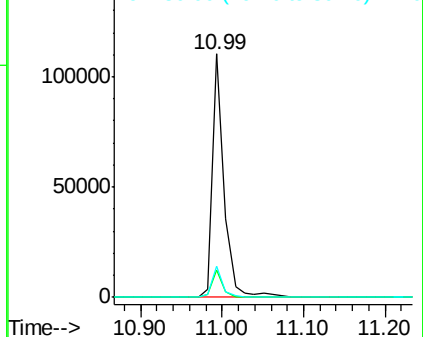
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 111327
Ion Ratio Lower Upper
188 100
94 11.3 6.5 9.7#
80 12.8 7.2 10.8#

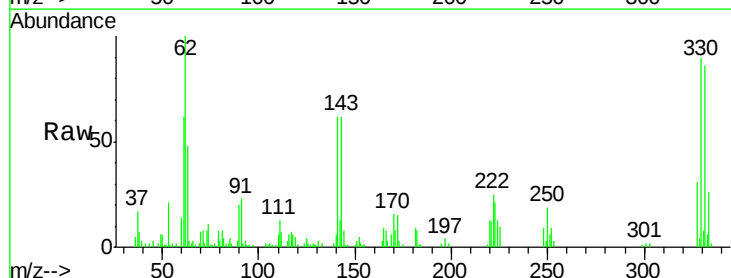


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

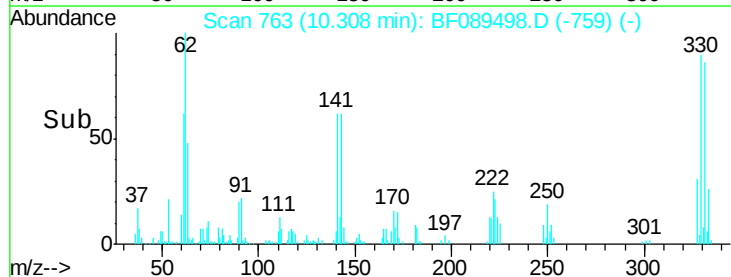
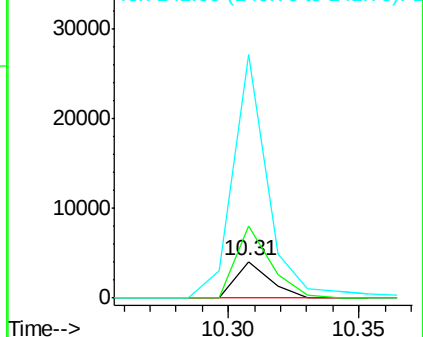


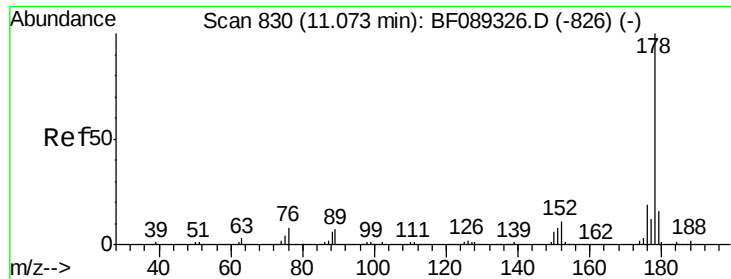
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.25 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion:248 Resp: 3714
Ion Ratio Lower Upper
248 100
250 197.5 78.2 117.2#
141 666.4 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

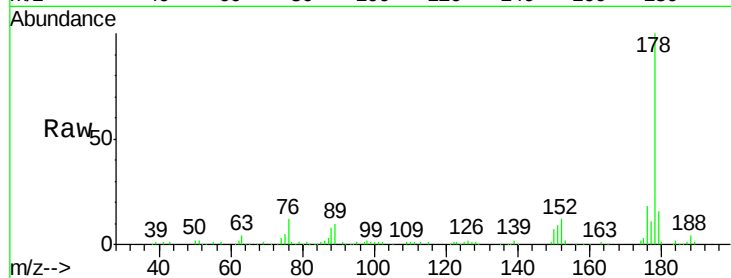




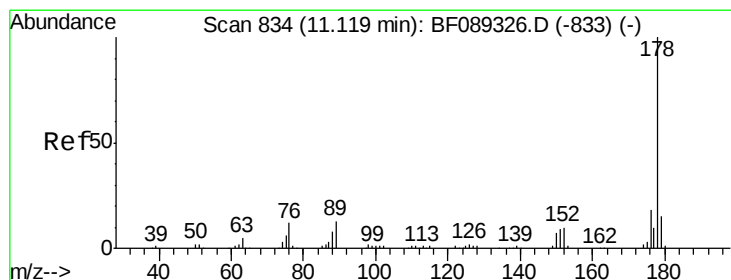
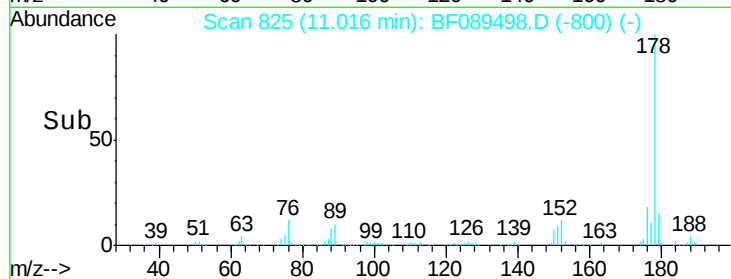
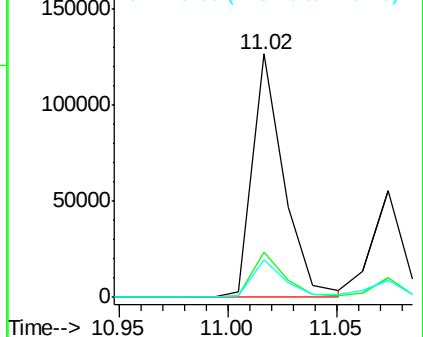
#70
Phenanthrene
Concen: 22.21 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 127518
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 15.6 12.3 18.5

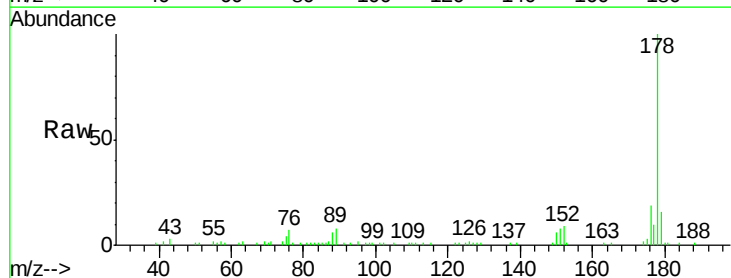


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

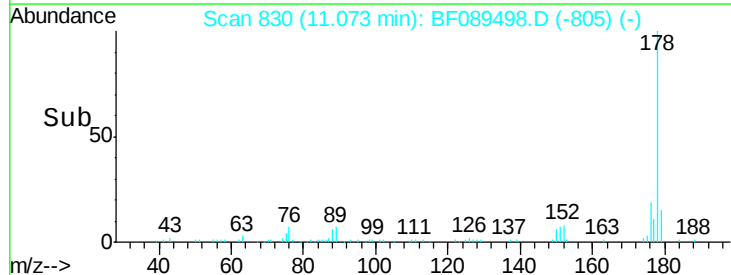
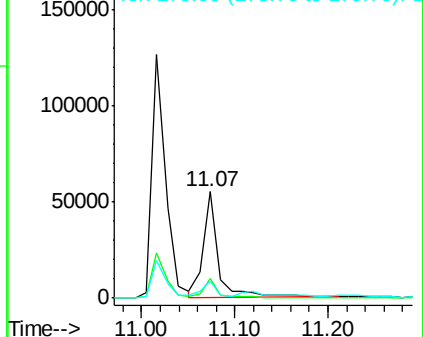


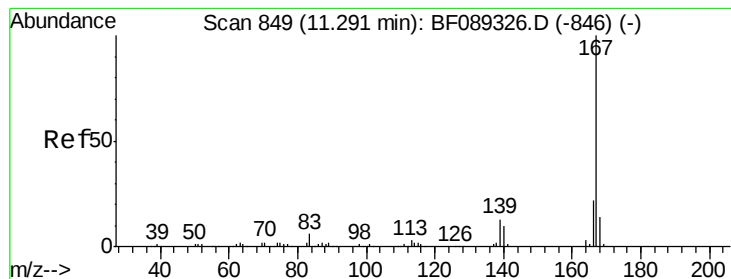
#71
Anthracene
Concen: 9.70 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion:178 Resp: 61911
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.27 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

ClientSampleId :

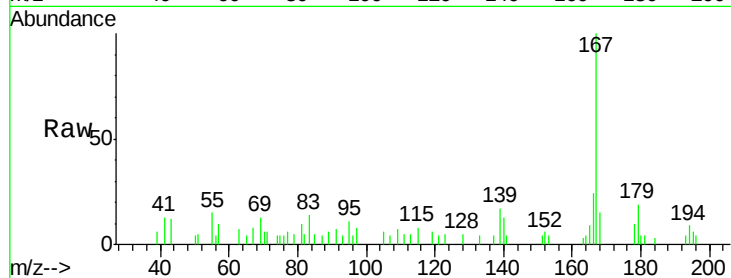
Tot Ion:167 Resp: 17576

Ion Ratio Lower Upper

167 100

166 24.0 17.6 26.4

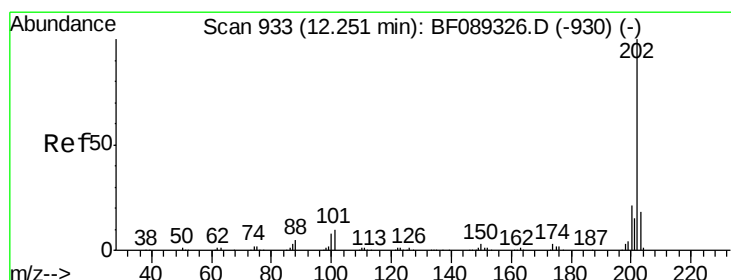
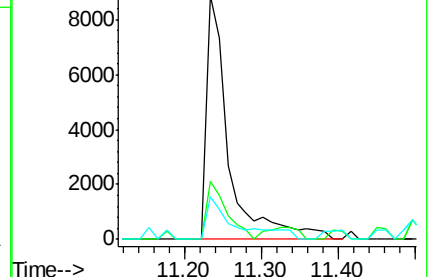
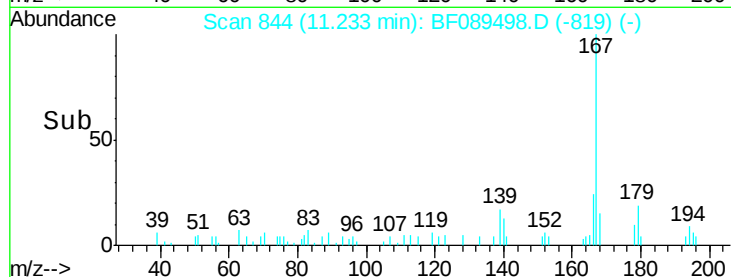
139 17.5 10.1 15.1#



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: 46.33 ng

RT: 12.21 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

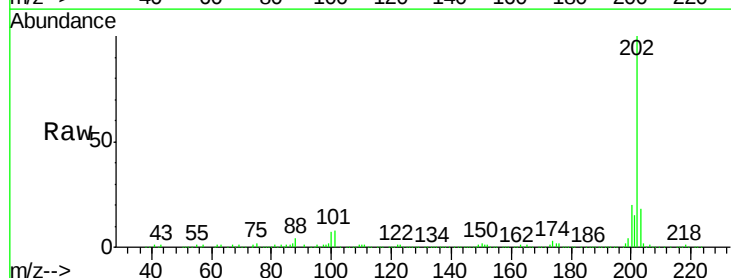
Tgt Ion:202 Resp: 279817

Ion Ratio Lower Upper

202 100

101 8.3 0.0 29.9

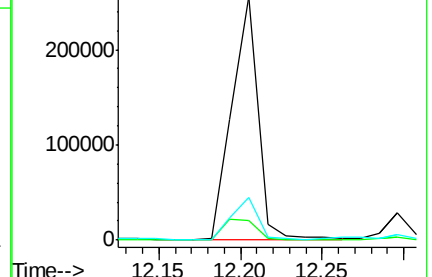
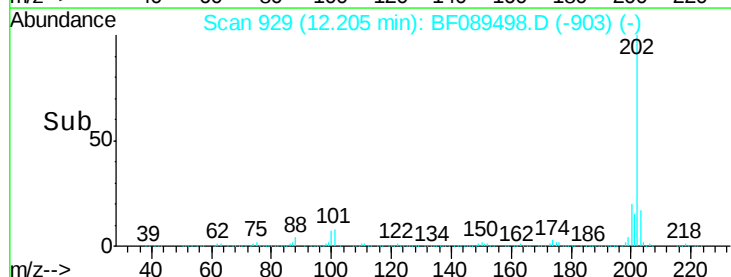
203 17.5 0.0 37.3

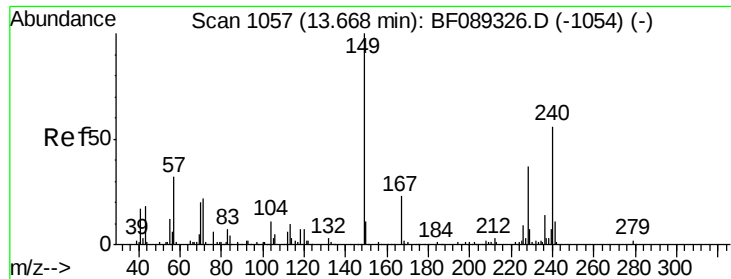


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.62 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

ClientSampleId :

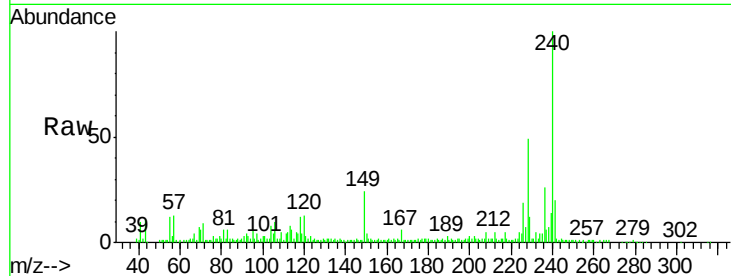
Tot Ion:240 Resp: 88512

Ion Ratio Lower Upper

240 100

120 13.3 9.1 13.7

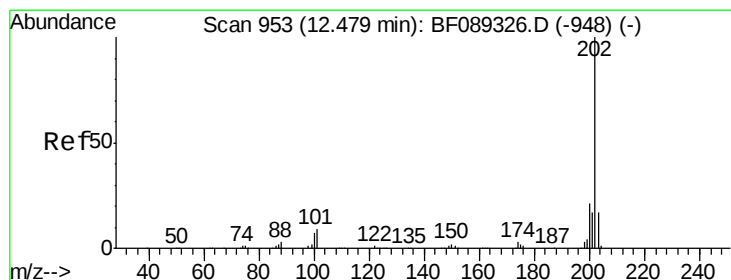
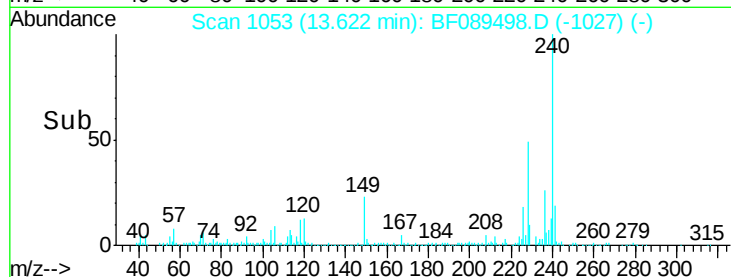
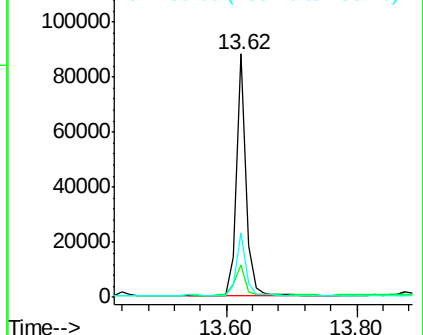
236 26.2 20.6 30.8



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: 35.23 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

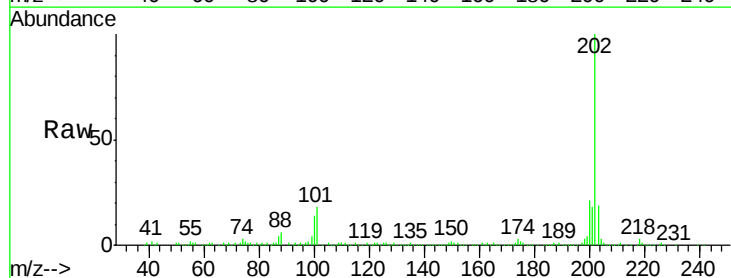
Tgt Ion:202 Resp: 236307

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

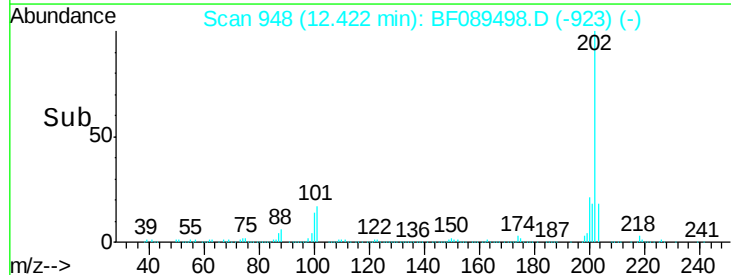
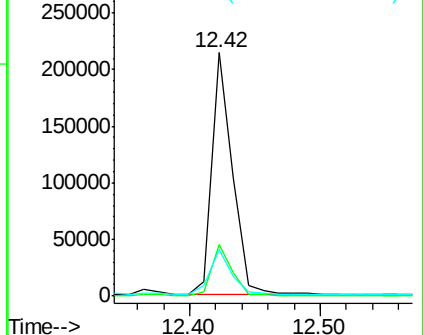
203 19.1 14.0 21.0

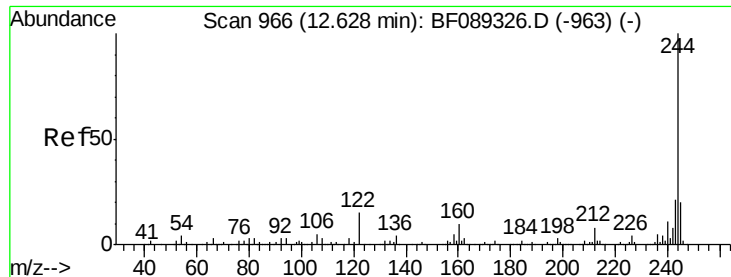


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

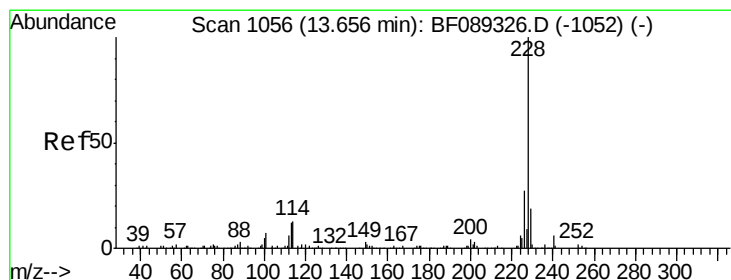
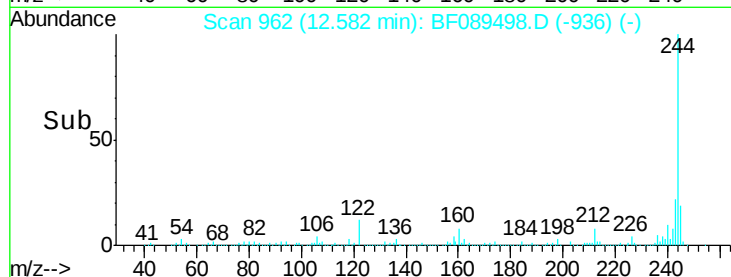
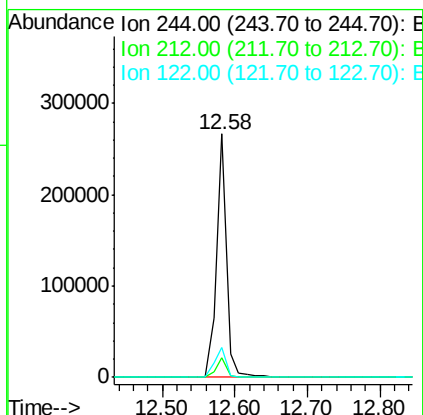
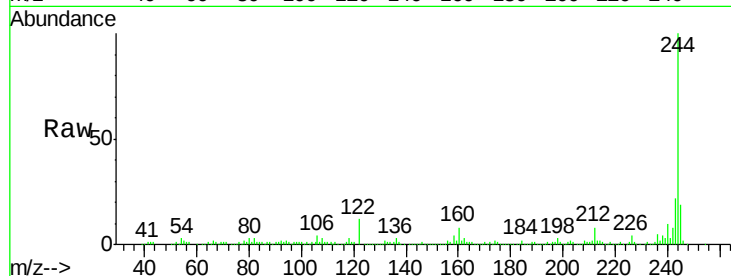




#78
 Terphenyl-d14
 Concen: 67.84 ng
 RT: 12.58 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

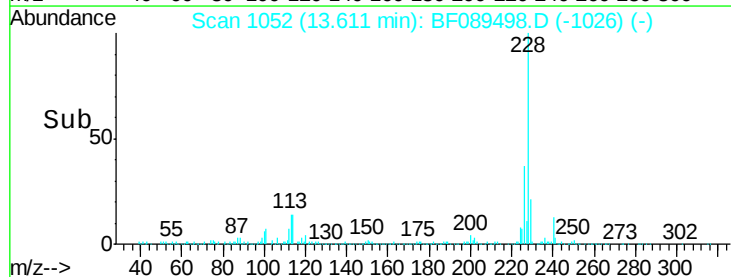
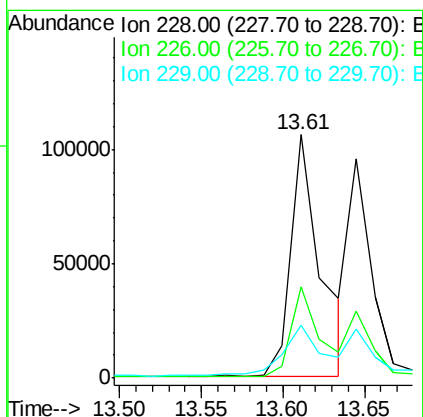
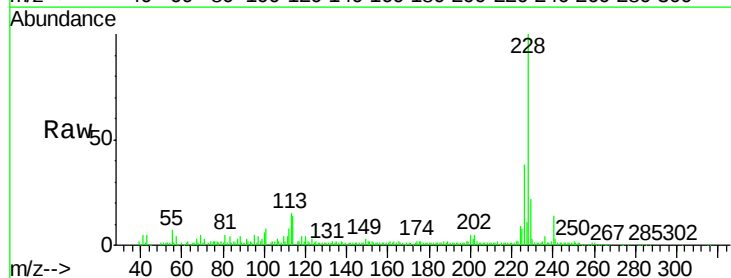
Instrument :
 BNA_F
 ClientSampleId :

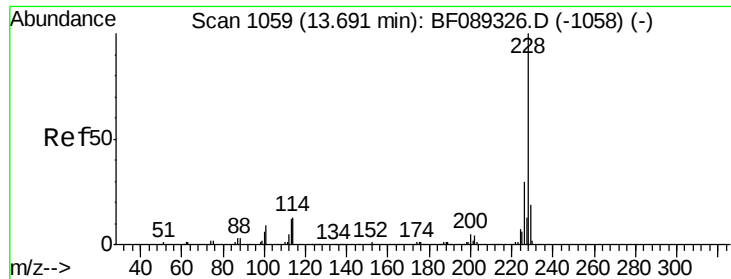
Tot Ion:244 Resp: 256565
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 12.4 11.4 17.0



#80
 Benzo(a)anthracene
 Concen: 27.17 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

Tgt Ion:228 Resp: 135706
 Ion Ratio Lower Upper
 228 100
 226 37.5 21.4 32.2#
 229 21.9 15.9 23.9





#82

Chrvsene

Concen: 25.52 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.03 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

ClientSampled :

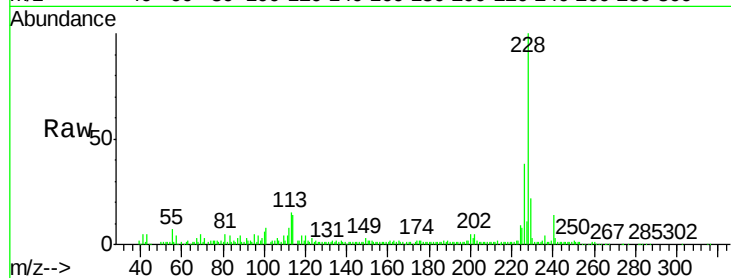
Tot Ion:228 Resp: 135706

Ion Ratio Lower Upper

228 100

226 37.5 24.2 36.2#

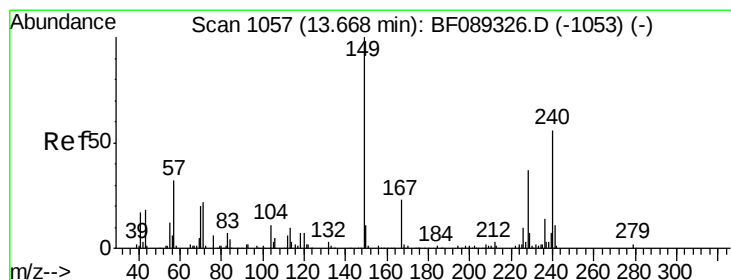
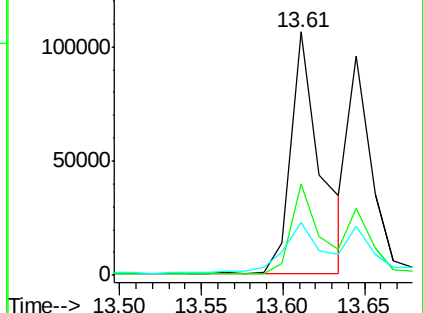
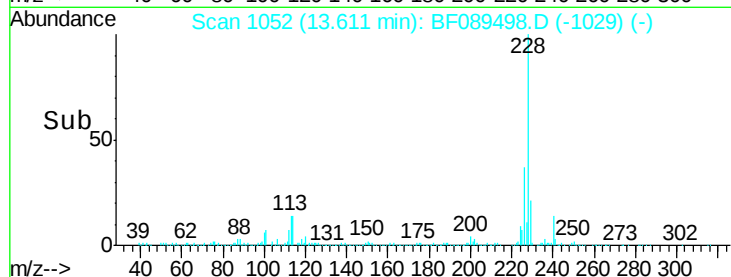
229 21.9 15.9 23.9



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.67 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

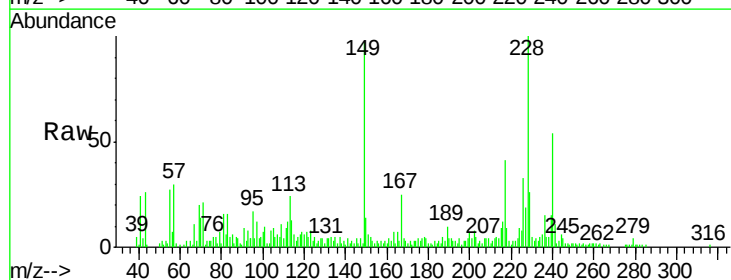
Tgt Ion:149 Resp: 38227

Ion Ratio Lower Upper

149 100

167 26.2 18.8 28.2

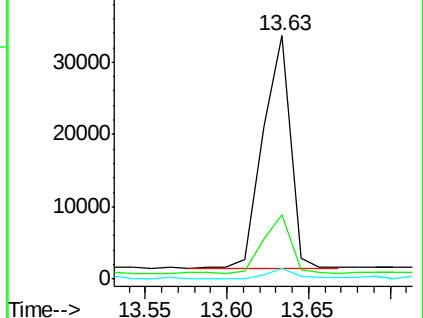
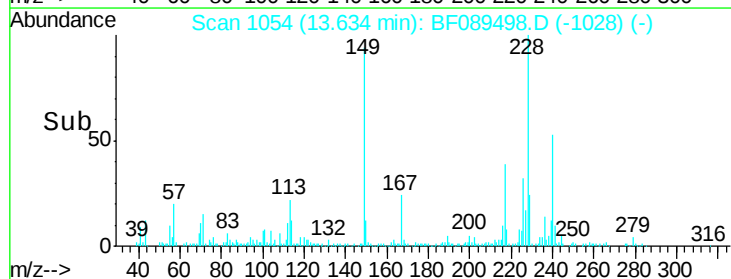
279 4.4 1.4 2.0#

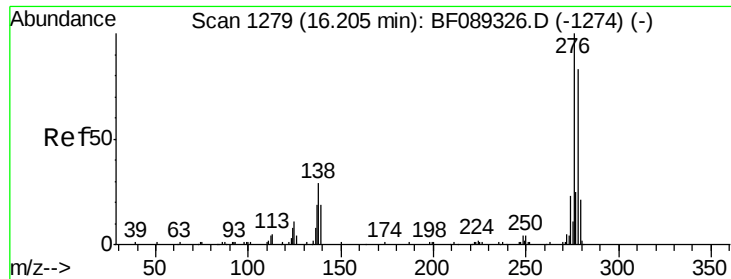


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

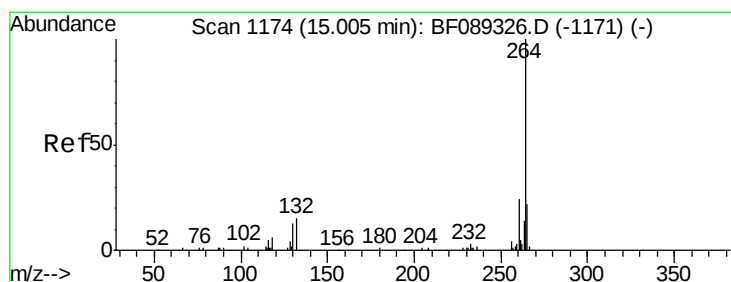
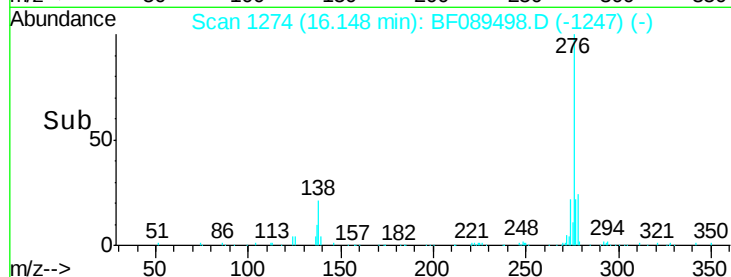
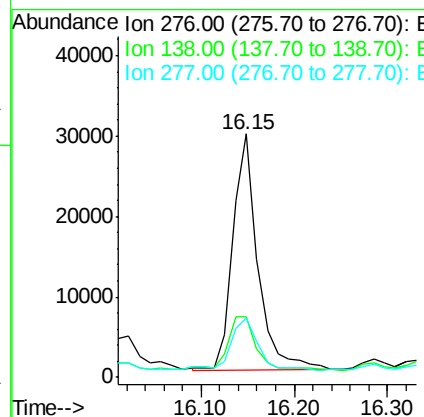
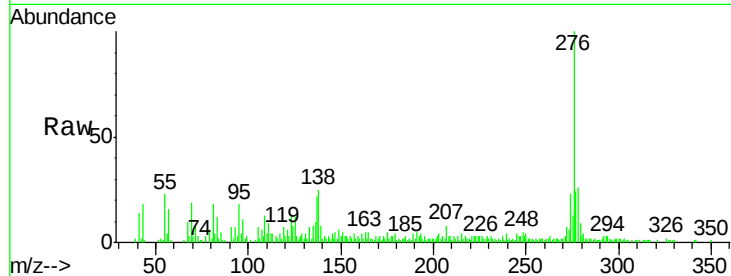




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 14.50 ng
 RT: 16.15 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

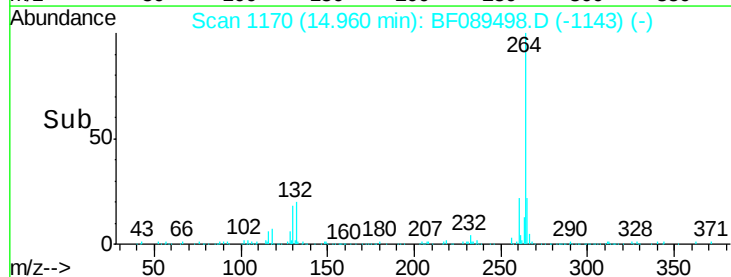
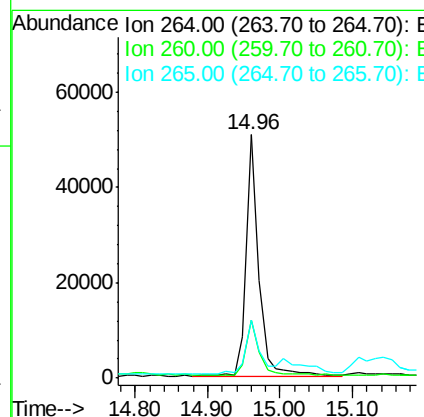
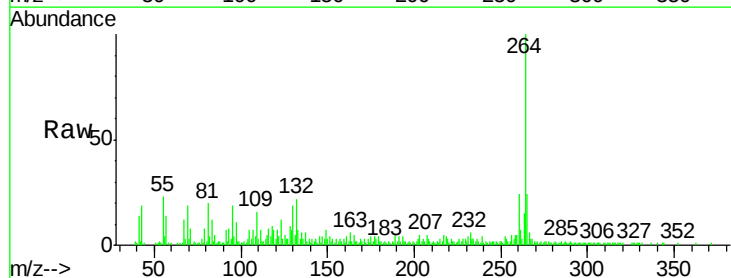
Instrument :
 BNA_F
 ClientSampleId :

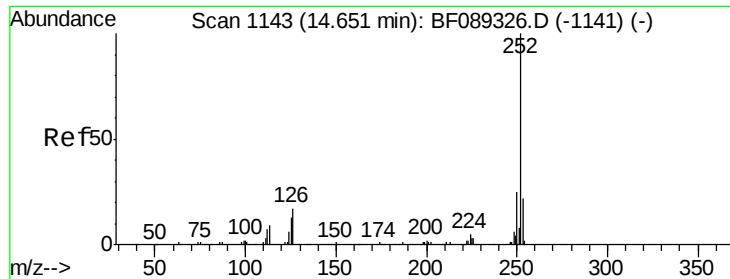
Tot Ion:276 Resp: 54832
 Ion Ratio Lower Upper
 276 100
 138 28.0 23.0 34.4
 277 24.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

Tgt Ion:264 Resp: 61597
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 23.7 17.5 26.3

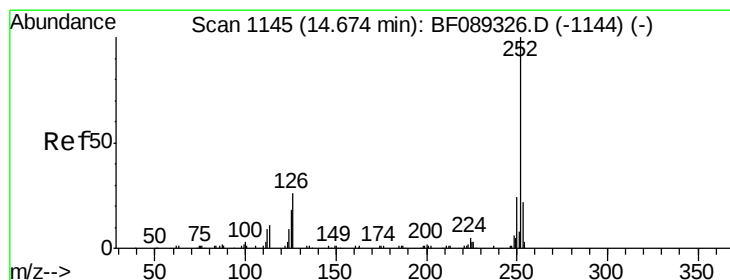
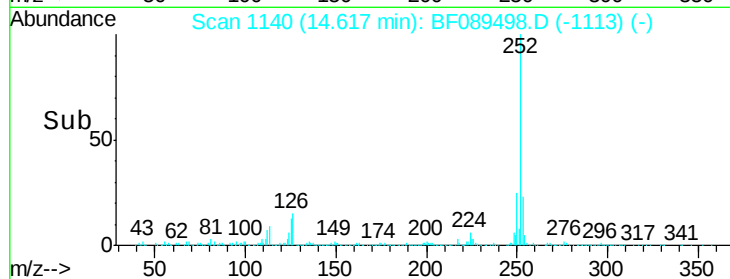
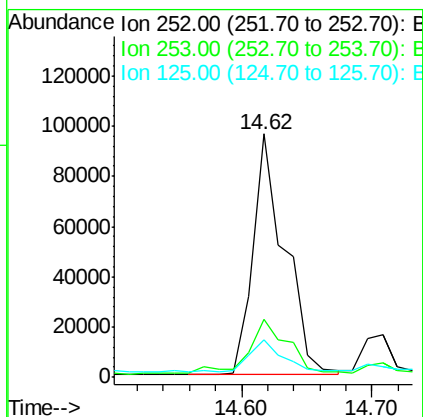
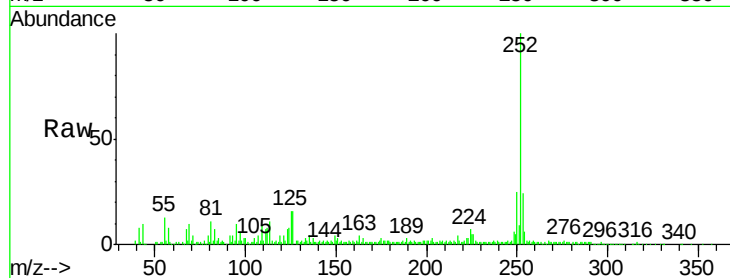




#87
Benzo(b)fluoranthene
Concen: 42.77 ng
RT: 14.62 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

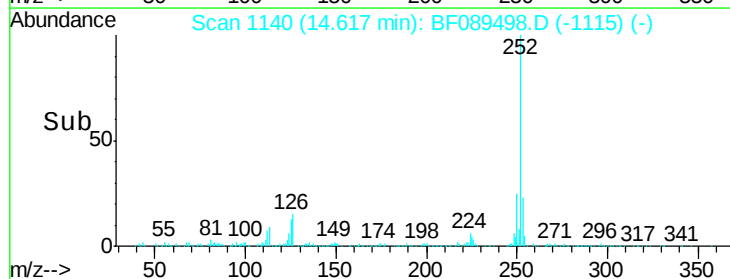
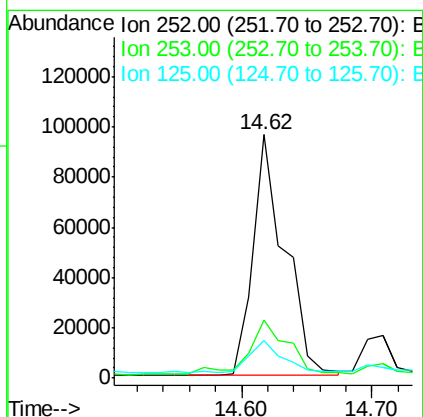
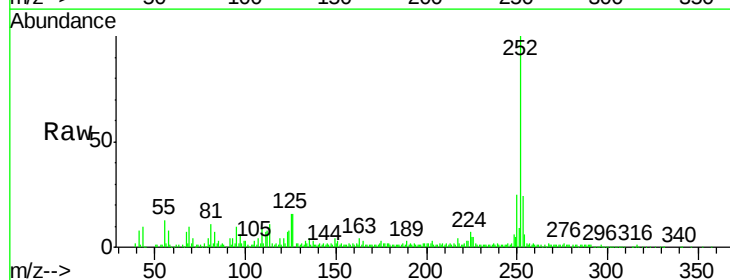
Instrument :
BNA_F
ClientSampleId :

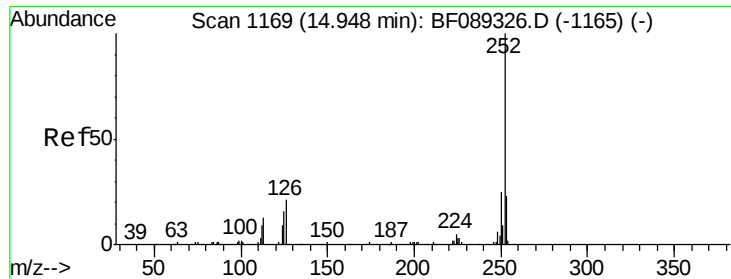
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	15.6	9.7	14.5



#88
Benzo(k)fluoranthene
Concen: 46.52 ng
RT: 14.62 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	15.6	10.7	16.1

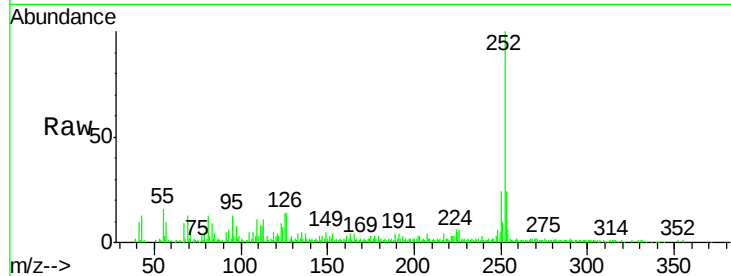




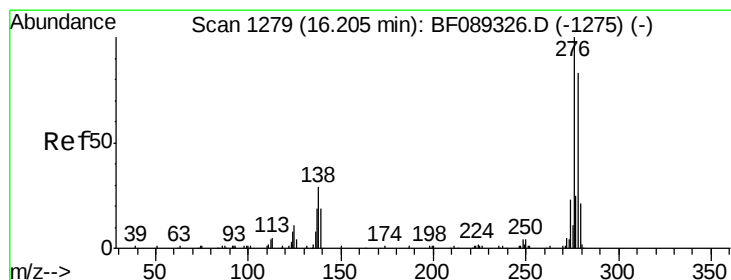
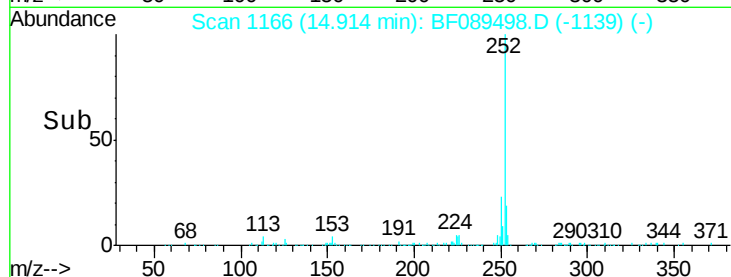
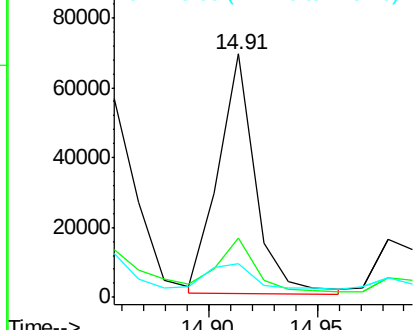
#89
Benzo(a)pyrene
Concen: 23.61 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 81031
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 14.1 12.4 18.6

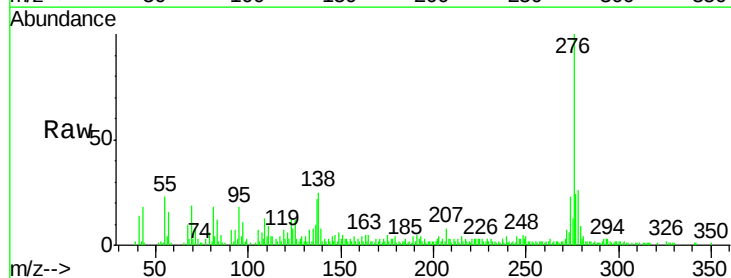


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

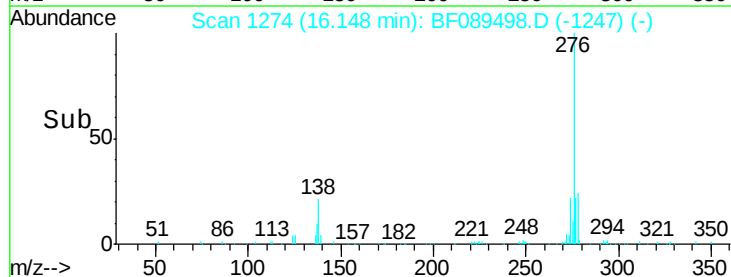
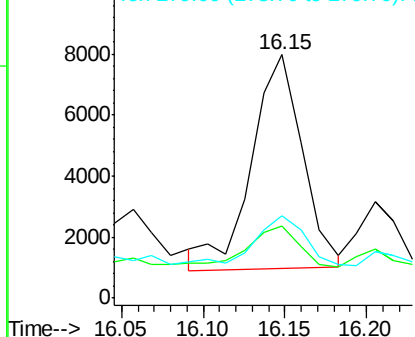


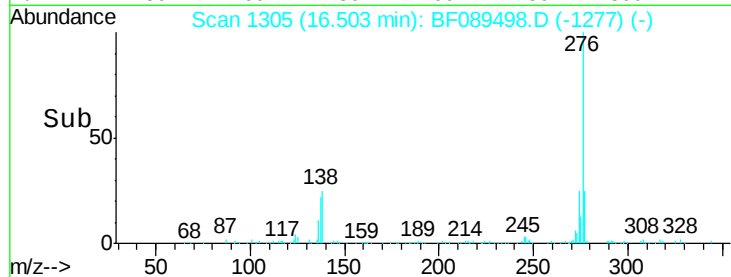
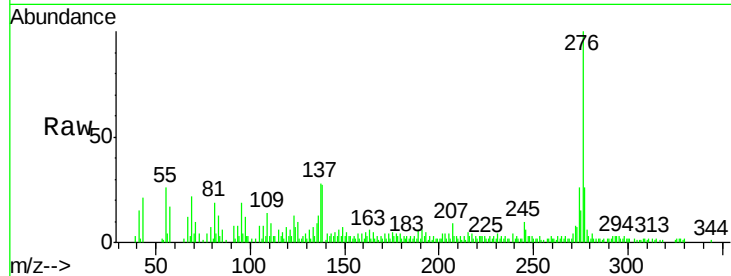
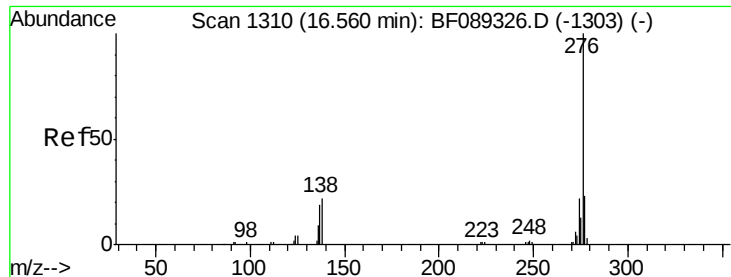
#90
Dibenzo(a,h)anthracene
Concen: 5.67 ng
RT: 16.15 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion:278 Resp: 15316
Ion Ratio Lower Upper
278 100
139 29.6 16.3 24.5#
279 34.0 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(a,h,i)perylene

Concen: 20.80 ng

RT: 16.50 min Scan# 1305

Delta R.T. 0.02 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 55282

Ion Ratio Lower Upper

276 100

277 26.2 18.6 28.0

138 26.8 21.4 32.0

