

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089672.D
 Acq On : 8 Aug 2016 21:15
 Operator : UM/SJ
 Sample : H4287-07RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

Quant Time: Aug 09 02:32:34 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	7.42	152	49356	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	214254	20.00	ng	-0.02
38) Acenaphthene-d10	12.27	164	99576	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	184386	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	104197	20.00	ng	-0.02
86) Perylene-d12	20.02	264	99416	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	285112	96.82	ng	-0.01
7) Phenol-d6	6.96	99	412977	103.38	ng	-0.02
23) Nitrobenzene-d5	8.33	82	255419	65.94	ng	-0.03
41) 2,4,6-Tribromophenol	13.55	330	80197	97.59	ng	-0.03
44) 2-Fluorobiphenyl	11.23	172	483288	63.08	ng	-0.02
78) Terphenyl-d14	17.03	244	345339	65.43	ng	-0.02

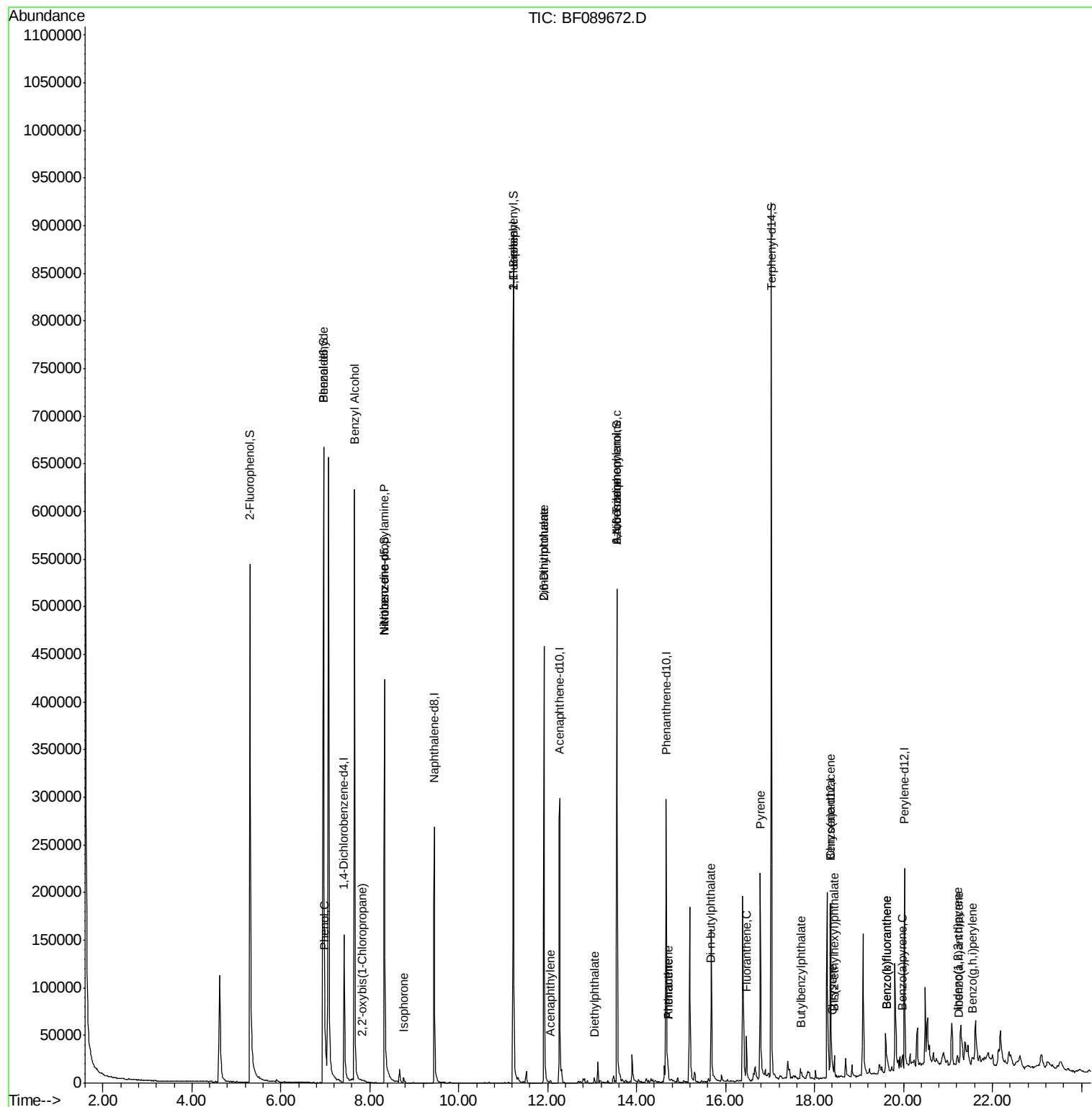
Target Compounds						Qvalue
9) Benzaldehyde	6.96	77	322	0.22	ng	# 1
10) Phenol	6.98	94	5227	1.27	ng	# 17
15) Benzyl Alcohol	7.66	79	3938	1.50	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	7.84	45	692	0.15	ng	# 29
19) n-Nitroso-di-n-propylamine	8.33	70	30598	10.60	ng	# 81
24) Nitrobenzene	8.33	77	342	0.09	ng	# 42
25) Isophorone	8.75	82	5961	0.80	ng	# 88
45) 1,1'-Biphenyl	11.23	154	741	0.08	ng	# 1
48) Acenaphthylene	12.06	152	628	0.06	ng	# 60
49) Dimethylphthalate	11.92	163	250302	32.07	ng	# 99
50) 2,6-Dinitrotoluene	11.92	165	2465	1.59	ng	# 1
59) Diethylphthalate	13.06	149	236	0.03	ng	# 60
62) Azobenzene	13.55	77	308	0.04	ng	# 1
65) n-Nitrosodiphenylamine	13.55	169	3110	0.50	ng	# 37
70) Phenanthrene	14.71	178	11269	1.12	ng	# 97
71) Anthracene	14.71	178	11269	1.05	ng	# 98
73) Di-n-butylphthalate	15.67	149	4874	0.40	ng	# 91
74) Fluoranthene	16.47	202	25781	2.50	ng	# 98
77) Pyrene	16.78	202	23708	2.57	ng	# 94
79) Butylbenzylphthalate	17.69	149	676	0.17	ng	# 52
80) Benzo(a)anthracene	18.35	228	9217	1.54	ng	# 93
82) Chrysene	18.40	228	9467	1.51	ng	# 96
83) Bis(2-ethylhexyl)phthalate	18.45	149	6295	1.16	ng	# 94
85) Indeno(1,2,3-cd)pyrene	21.21	276	6311	1.32	ng	# 92
87) Benzo(b)fluoranthene	19.62	252	16135	2.64	ng	# 90
88) Benzo(k)fluoranthene	19.62	252	16135	2.62	ng	# 94
89) Benzo(a)pyrene	19.98	252	9258	1.62	ng	# 90
90) Dibenzo(a,h)anthracene	21.23	278	1443	0.27	ng	# 55
91) Benzo(g,h,i)perylene	21.55	276	6221	1.14	ng	# 99

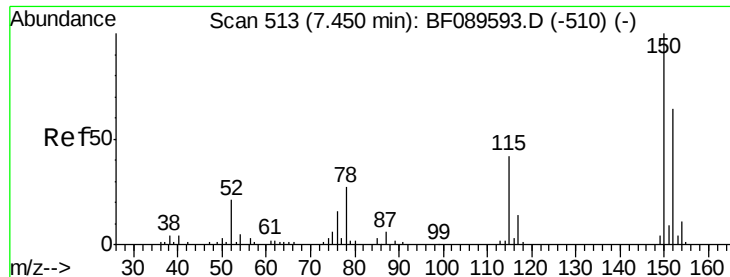
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Aug 09 02:32:34 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

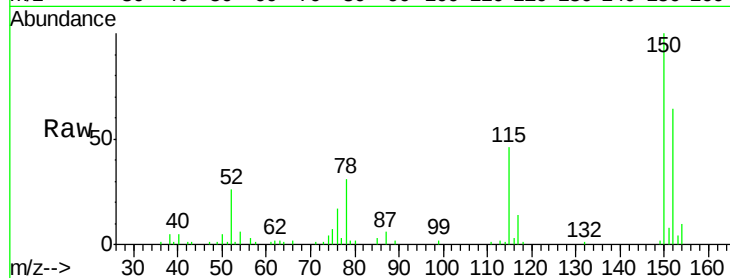
Tgt Ion:152 Resp: 49356

Ion Ratio Lower Upper

152 100

150 157.3 125.5 188.3

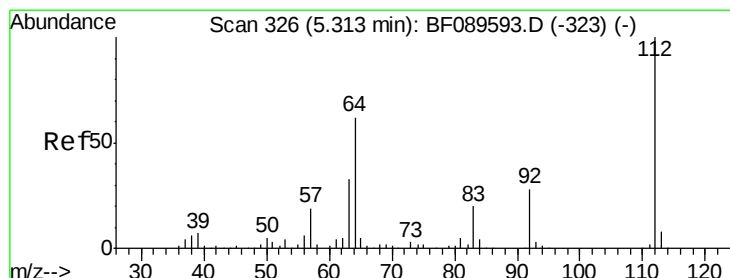
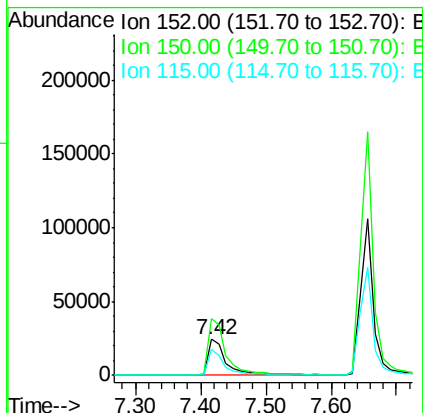
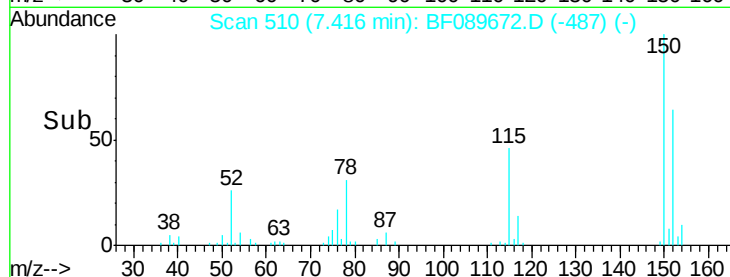
115 71.7 52.0 78.0



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: 96.82 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.01 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

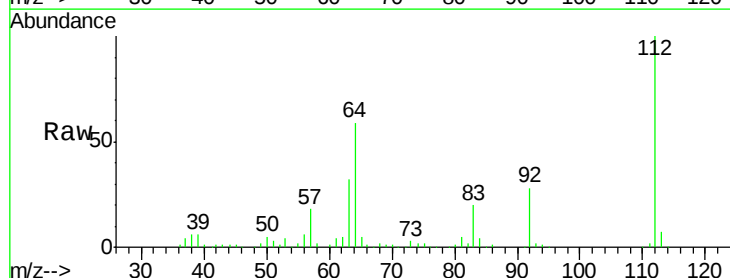
Tgt Ion:112 Resp: 285112

Ion Ratio Lower Upper

112 100

64 59.4 49.9 74.9

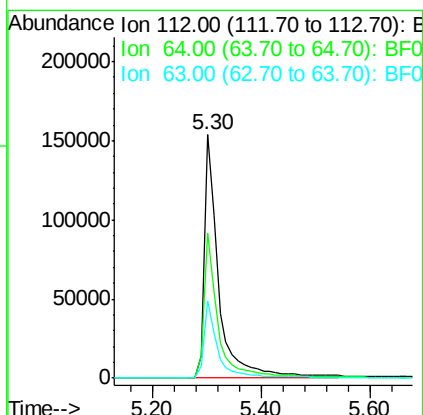
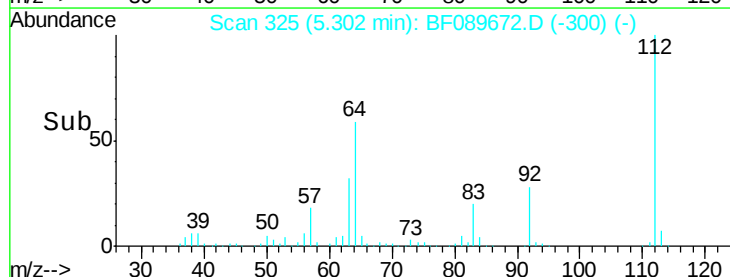
63 31.7 26.1 39.1



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: 103.38 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

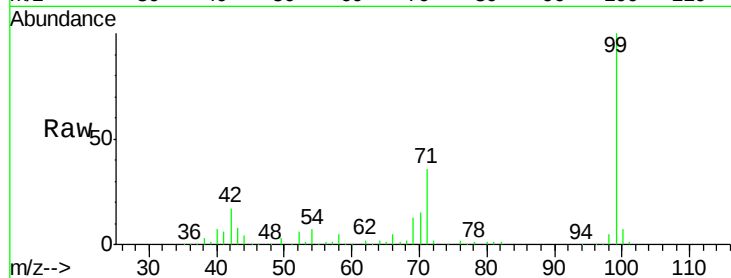
Tgt Ion: 99 Resp: 412977

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

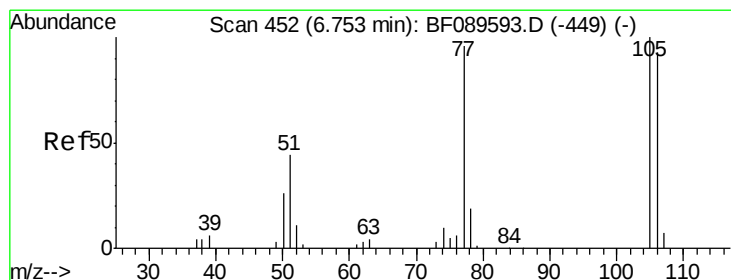
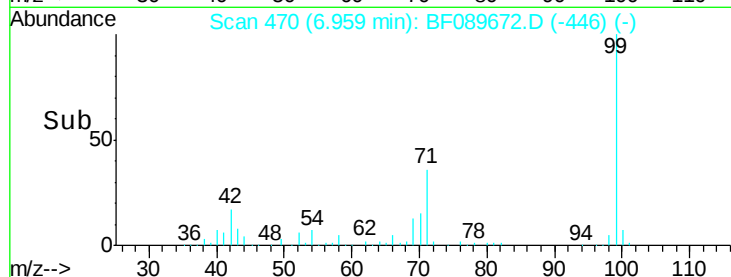
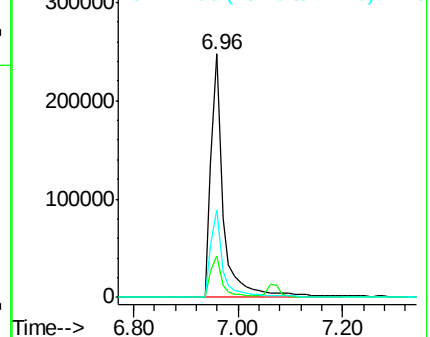
71 36.0 29.0 43.4



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



#9

Benzaldehyde

Concen: 0.22 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.21 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

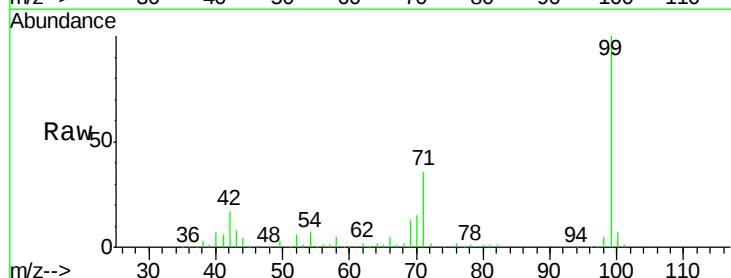
Tgt Ion: 77 Resp: 322

Ion Ratio Lower Upper

77 100

105 0.0 84.7 124.7#

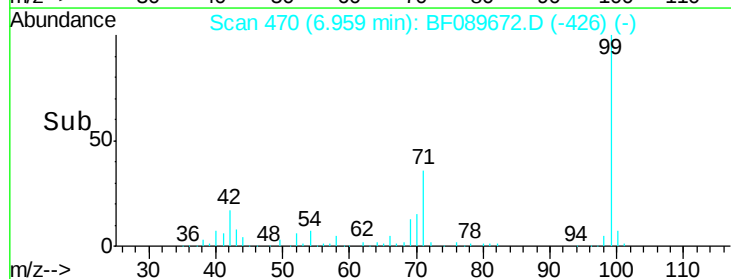
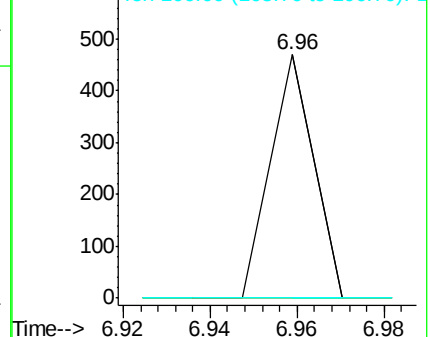
106 0.0 77.1 117.1#

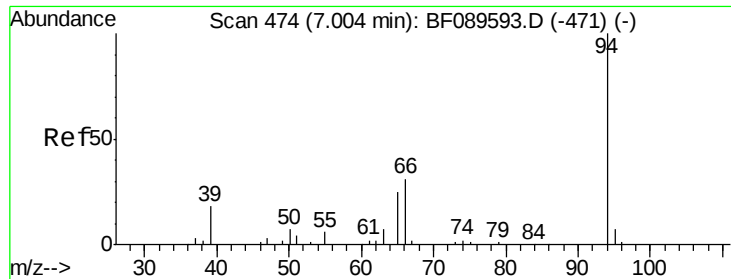


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

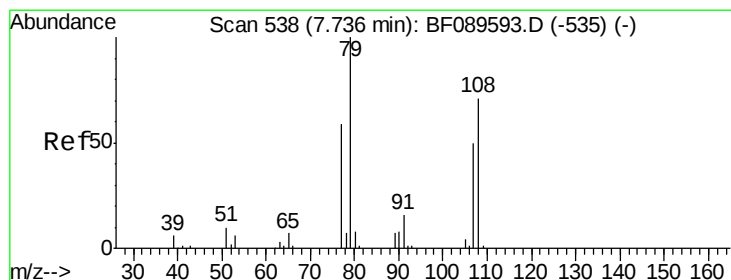
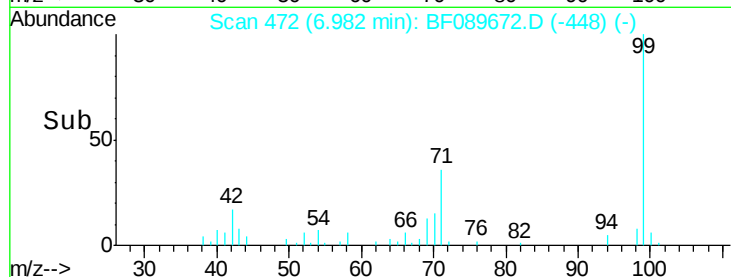
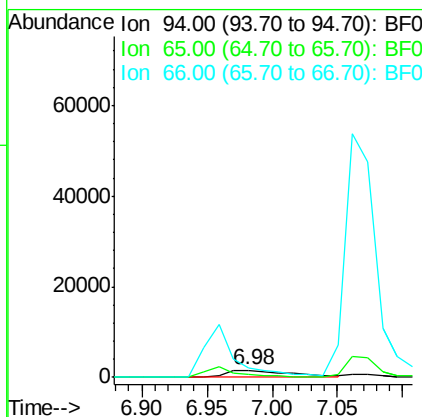
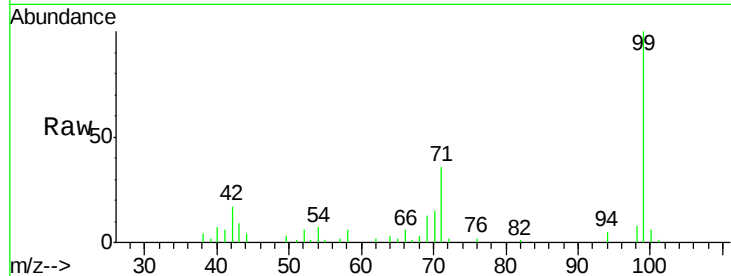




#10
Phenol
Concen: 1.27 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

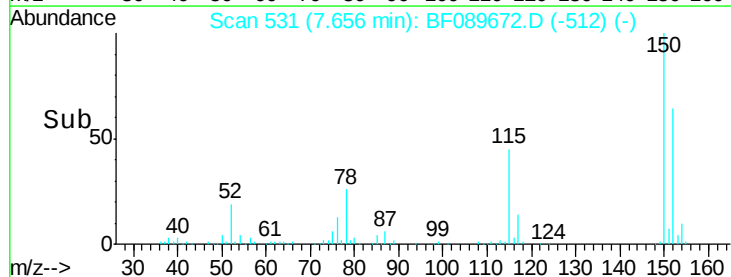
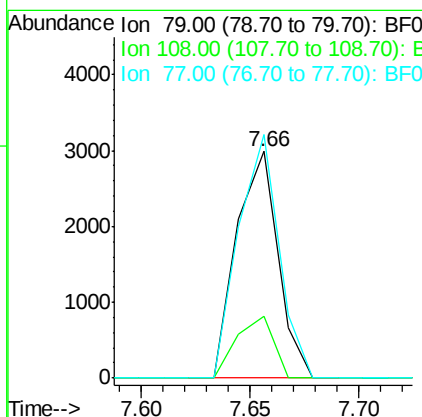
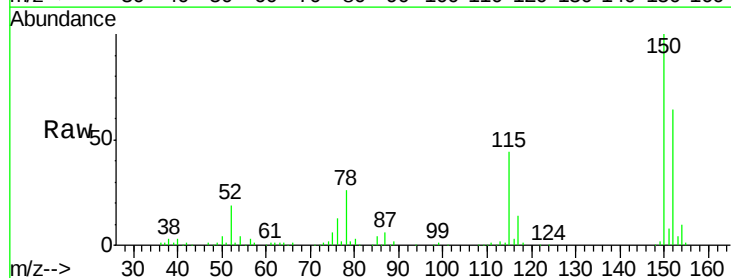
Instrument :
BNA_F
ClientSampleId :
SB-60-0.5-1.5

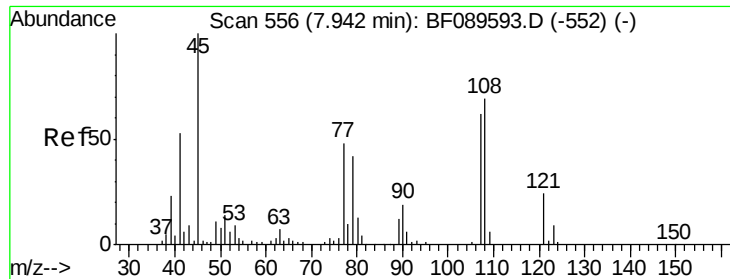
Tgt Ion: 94 Resp: 5227
Ion Ratio Lower Upper
94 100
65 48.4 11.0 51.0
66 125.4 27.4 67.4#



#15
Benzyl Alcohol
Concen: 1.50 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.08 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

Tgt Ion: 79 Resp: 3938
Ion Ratio Lower Upper
79 100
108 27.4 58.3 87.5#
77 107.6 48.7 73.1#

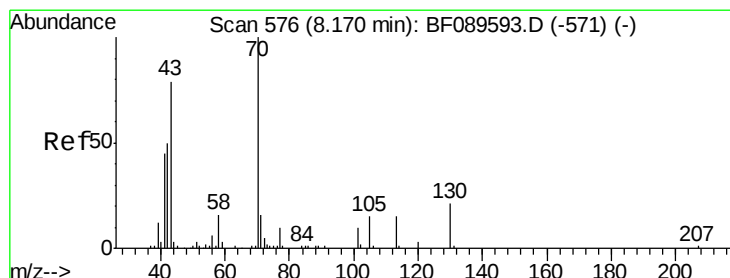
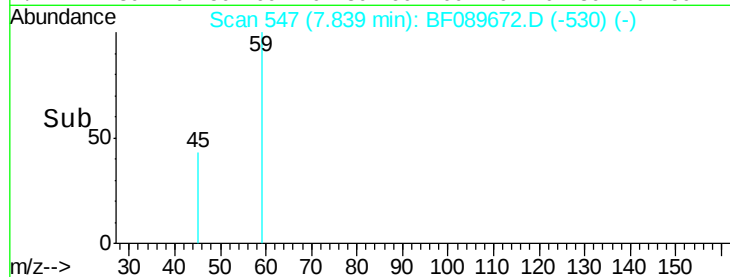
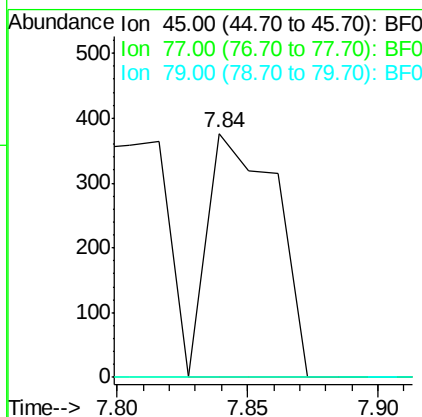
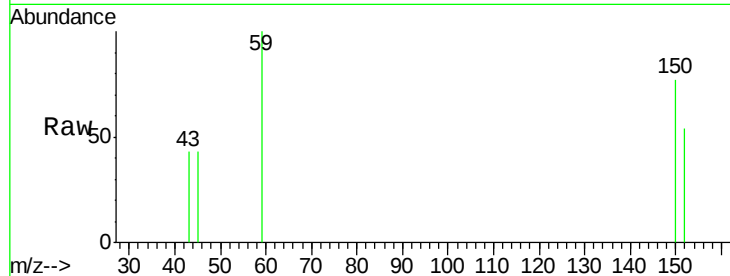




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.15 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.10 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

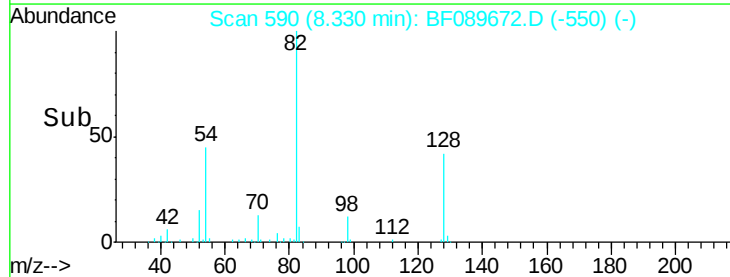
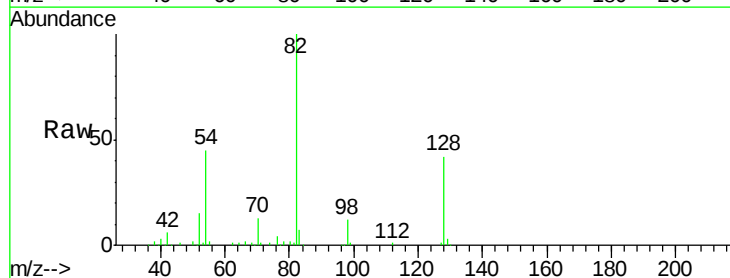
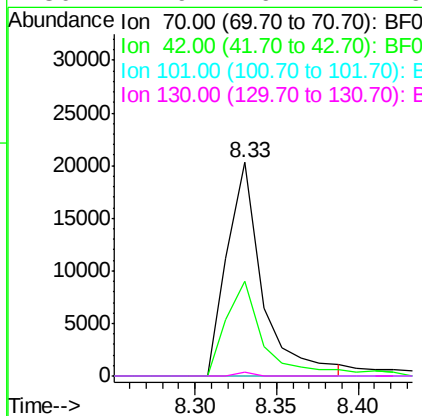
Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

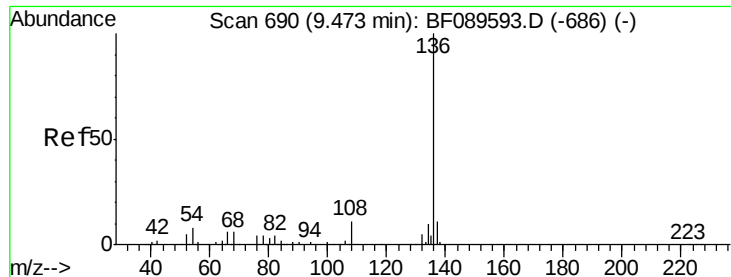
Tgt Ion: 45 Resp: 692
 Ion Ratio Lower Upper
 45 100
 77 0.0 30.1 70.1#
 79 0.0 25.5 65.5#



#19
 n-Nitroso-di-n-propylamine
 Concen: 10.60 ng
 RT: 8.33 min Scan# 590
 Delta R.T. 0.16 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion: 70 Resp: 30598
 Ion Ratio Lower Upper
 70 100
 42 44.2 40.2 60.2
 101 0.0 7.8 11.6#
 130 1.9 16.4 24.6#

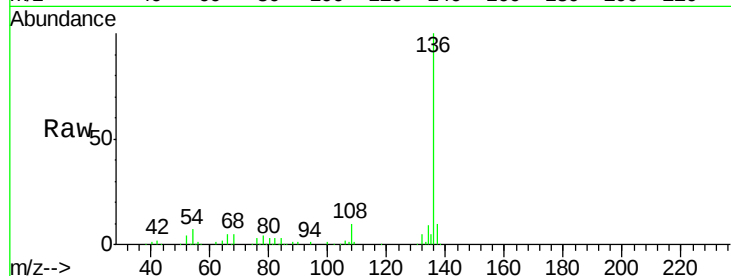




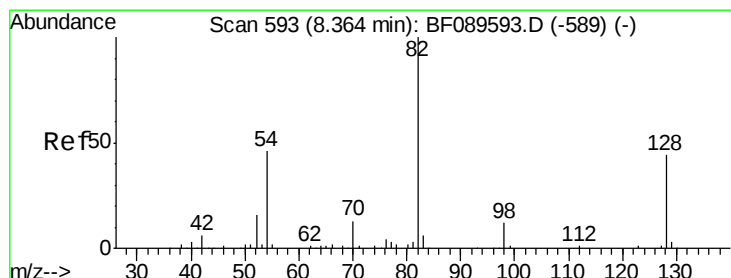
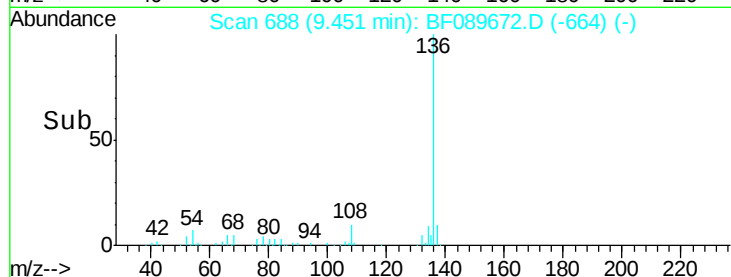
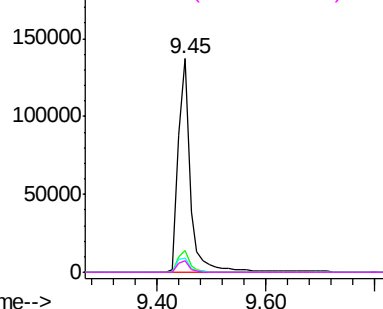
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

Instrument :
BNA_F
ClientSampleId :
SB-60-0.5-1.5

Tgt Ion:	136	Resp:	214254
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	6.6	6.0	9.0
68	5.1	4.6	6.8

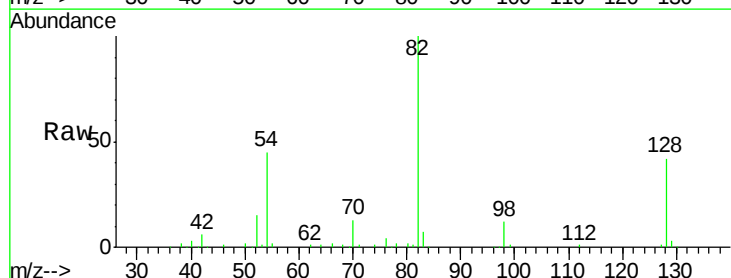


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

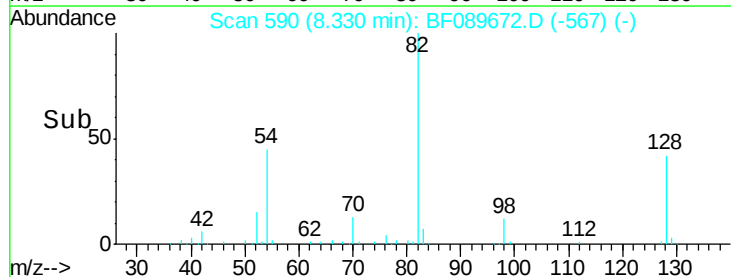
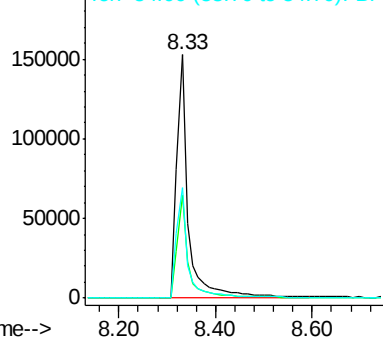


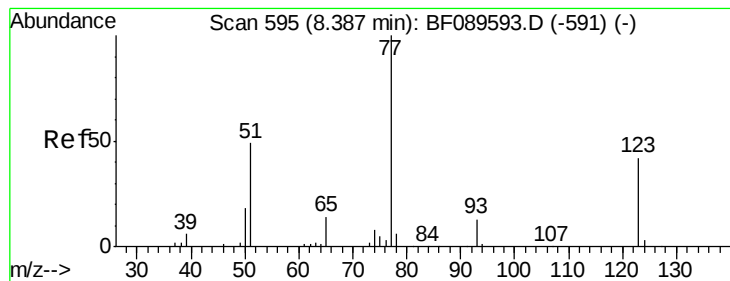
#23
Nitrobenzene-d5
Concen: 65.94 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

Tgt Ion:	82	Resp:	255419
Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.4	53.0
54	45.3	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





#24

Nitrobenzene

Concen: 0.09 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.06 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

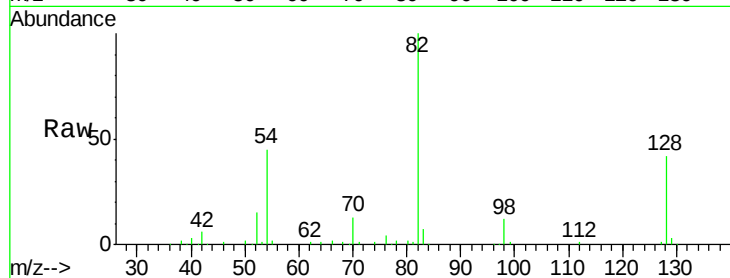
Tgt Ion: 77 Resp: 342

Ion Ratio Lower Upper

77 100

123 0.0 32.6 49.0#

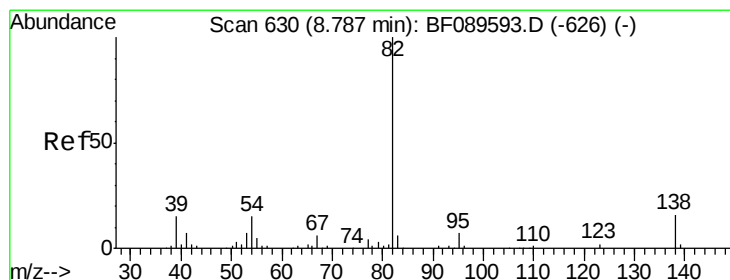
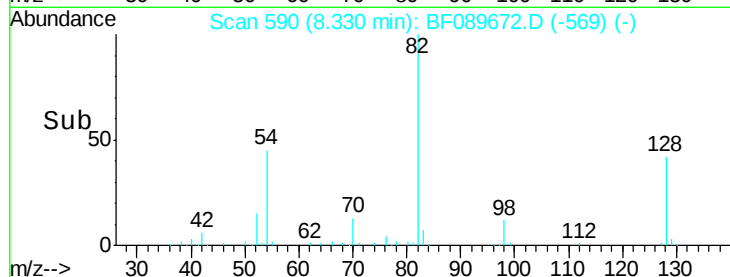
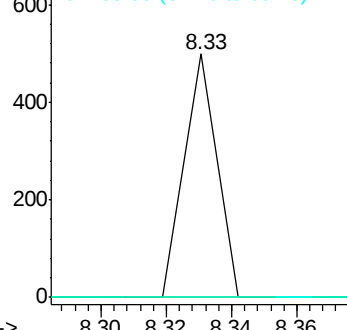
65 0.0 11.0 16.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 0.80 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.03 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

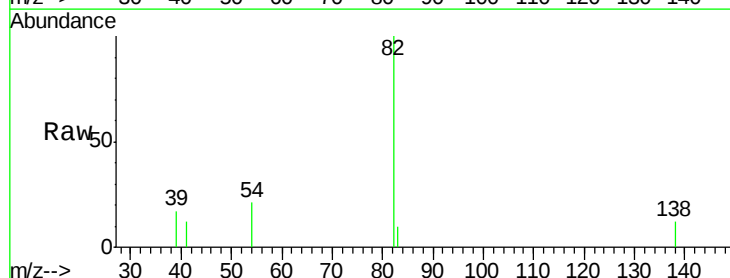
Tgt Ion: 82 Resp: 5961

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

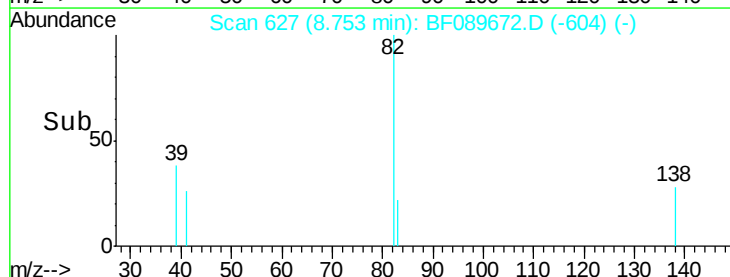
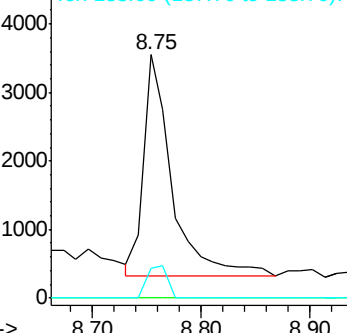
138 12.3 12.6 18.8#

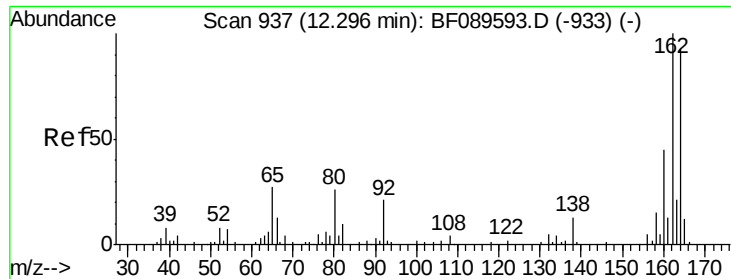


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

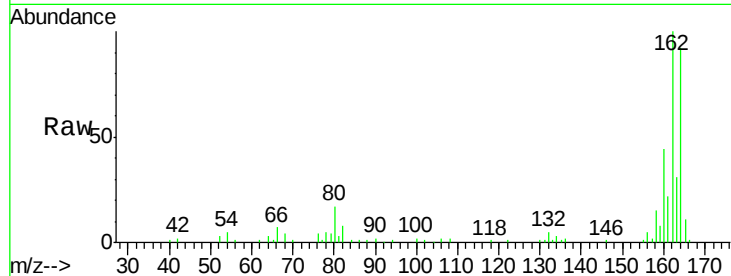




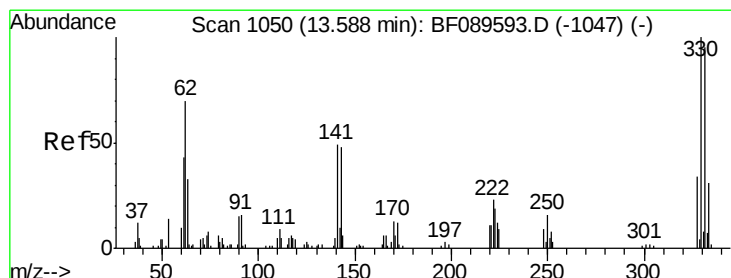
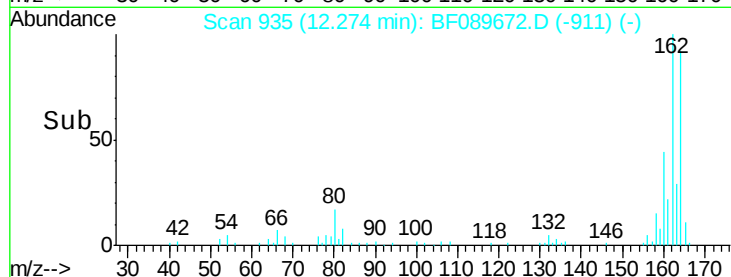
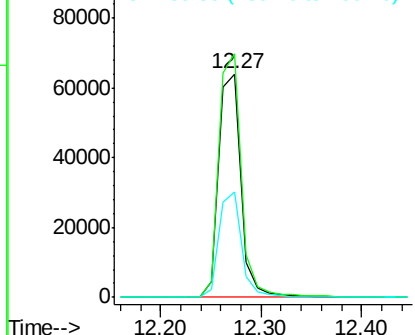
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

Tgt Ion:164 Resp: 99576
 Ion Ratio Lower Upper
 164 100
 162 109.1 85.7 128.5
 160 47.4 38.2 57.4

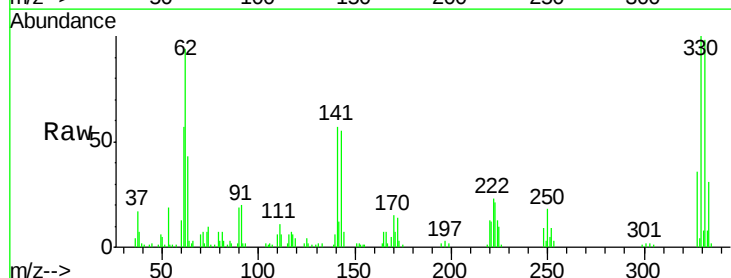


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

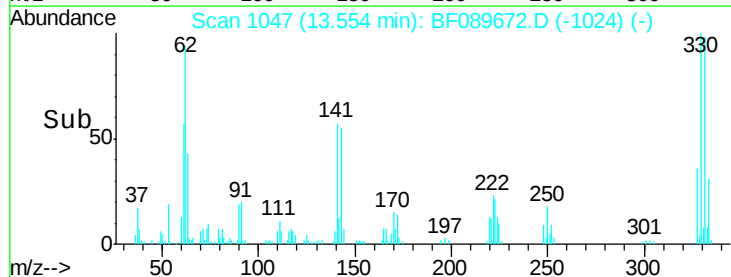
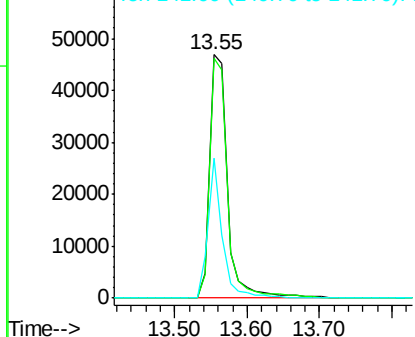


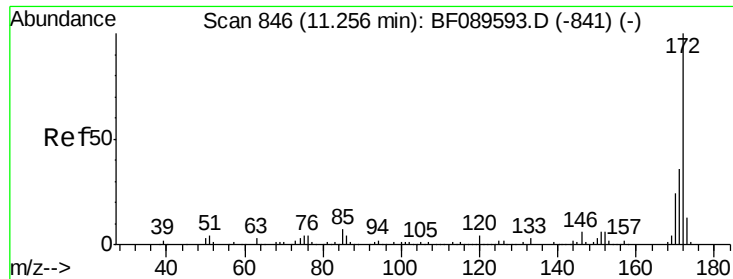
#41
 2,4,6-Tribromophenol
 Concen: 97.59 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion:330 Resp: 80197
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 46.1 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

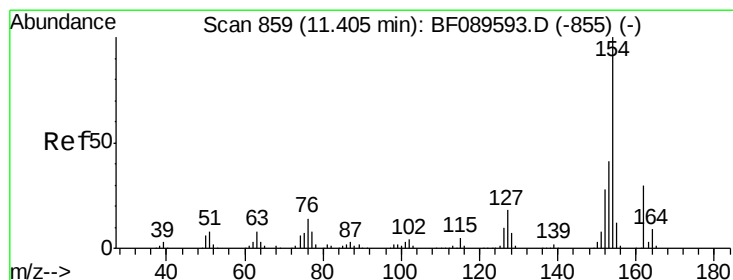
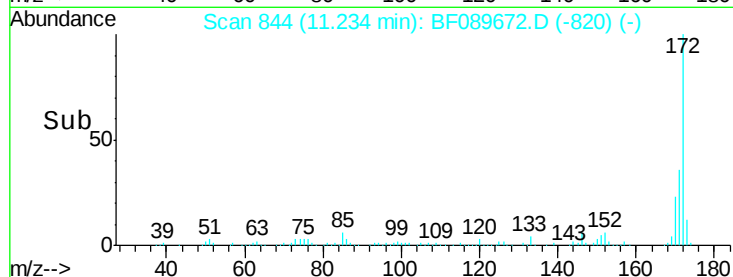
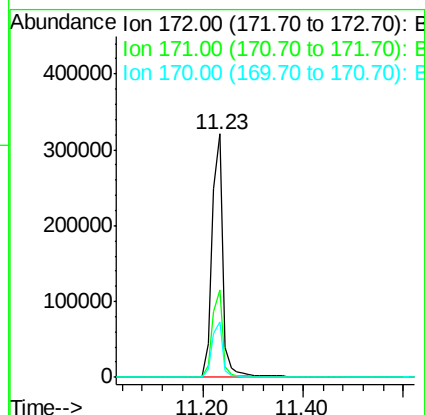
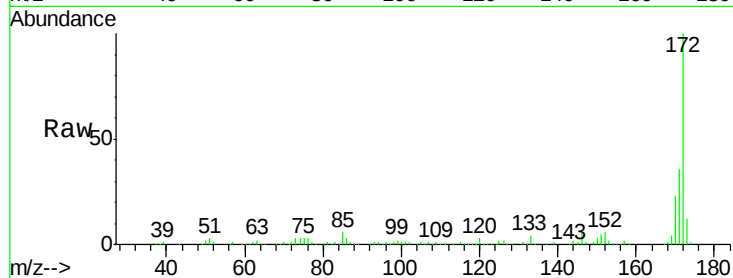




#44
 2-Fluorobiphenyl
 Concen: 63.08 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

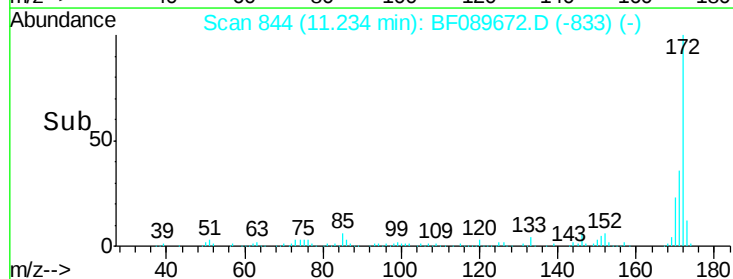
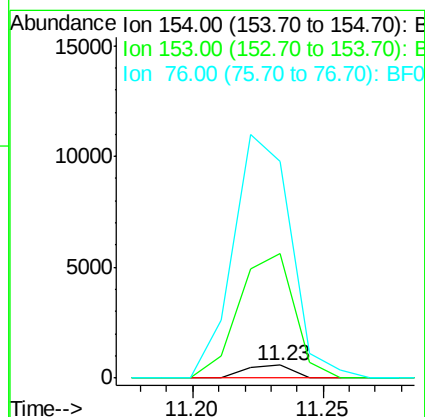
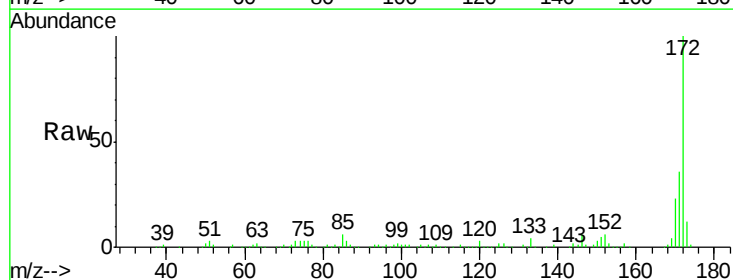
Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

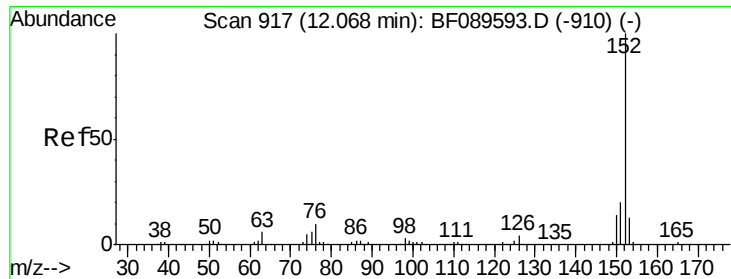
Tgt Ion:172 Resp: 483288
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.0 19.0 28.6



#45
 1,1'-Biphenyl
 Concen: 0.08 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.17 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion:154 Resp: 741
 Ion Ratio Lower Upper
 154 100
 153 952.5 20.6 60.6#
 76 1655.2 0.0 33.7#





#48

Acenaphthylene

Concen: 0.06 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

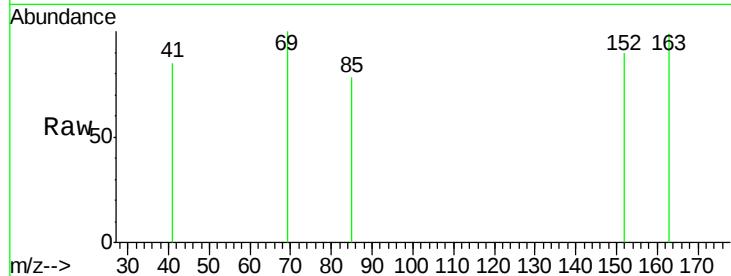
Tgt Ion:152 Resp: 628

Ion Ratio Lower Upper

152 100

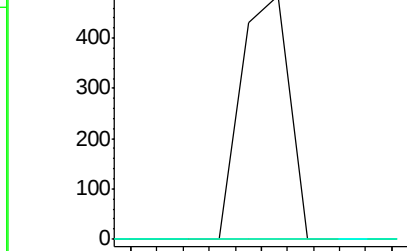
151 0.0 16.2 24.4#

153 0.0 10.5 15.7#

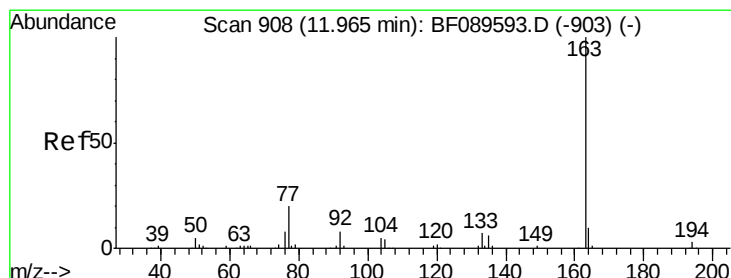
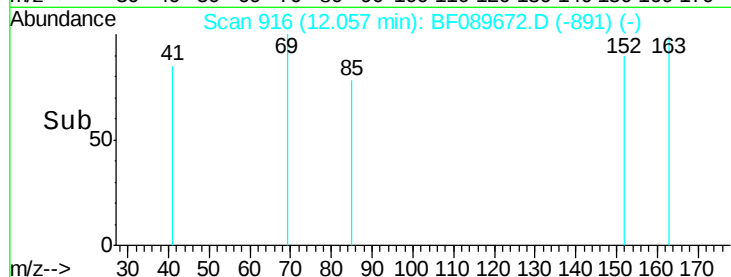


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

12.06



Time-->



#49

Dimethylphthalate

Concen: 32.07 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

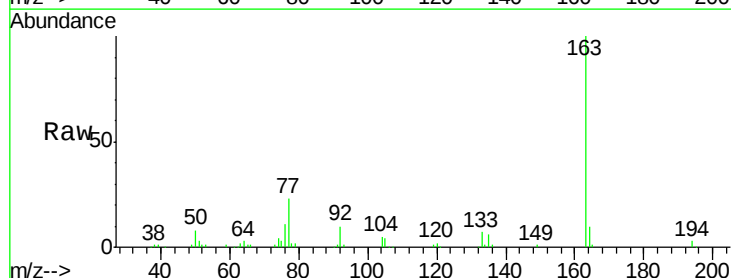
Tgt Ion:163 Resp: 250302

Ion Ratio Lower Upper

163 100

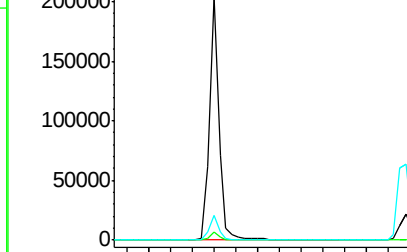
194 3.3 2.7 4.1

164 10.1 7.8 11.6

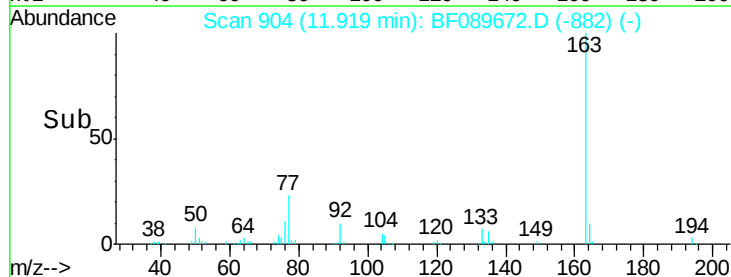


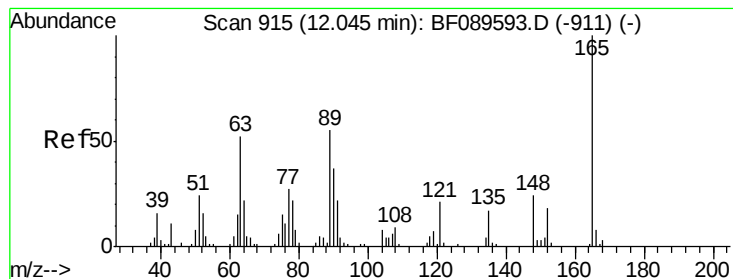
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

11.92



Time-->





#50

2,6-Dinitrotoluene

Concen: 1.59 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.13 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

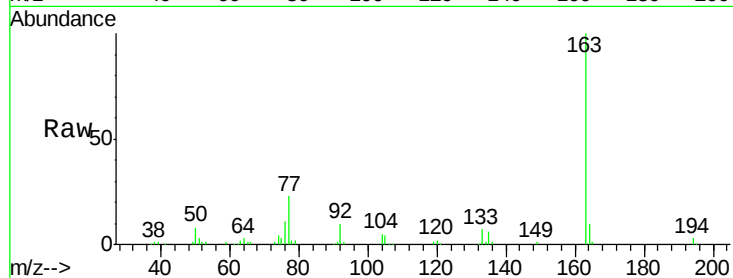
Tgt Ion:165 Resp: 2465

Ion Ratio Lower Upper

165 100

63 156.6 44.6 67.0#

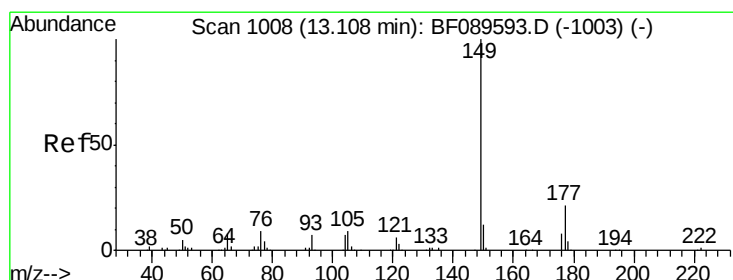
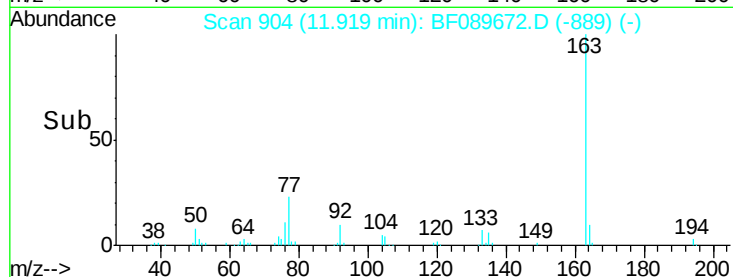
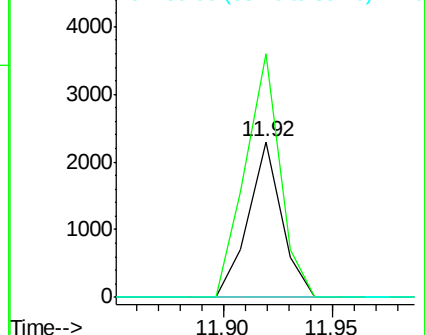
89 0.0 44.2 66.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#59

Diethylphthalate

Concen: 0.03 ng

RT: 13.06 min Scan# 1004

Delta R.T. -0.05 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

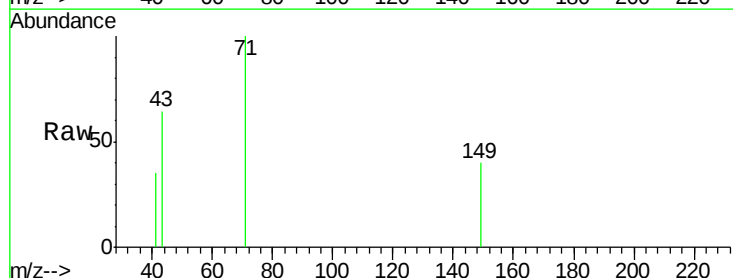
Tgt Ion:149 Resp: 236

Ion Ratio Lower Upper

149 100

177 0.0 16.8 25.2#

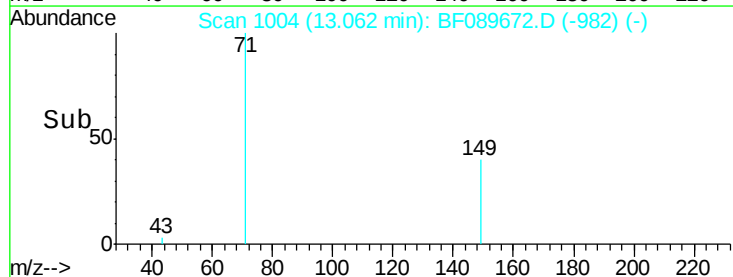
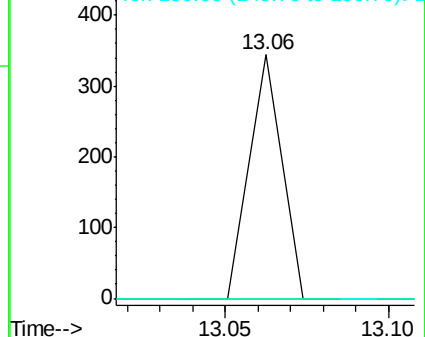
150 0.0 9.6 14.4#

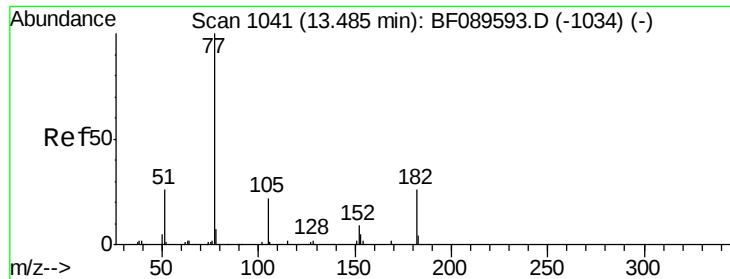


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.04 ng

RT: 13.55 min Scan# 1047

Delta R.T. 0.07 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

Tgt Ion: 77 Resp: 308

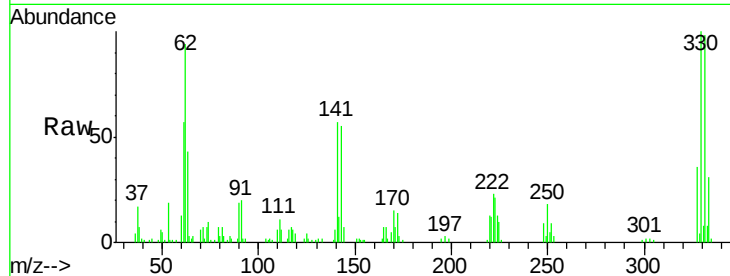
Ion Ratio Lower Upper

77 100

182 0.0 5.8 45.8#

105 106.5 2.9 42.9#

51 79.1 7.2 47.2#

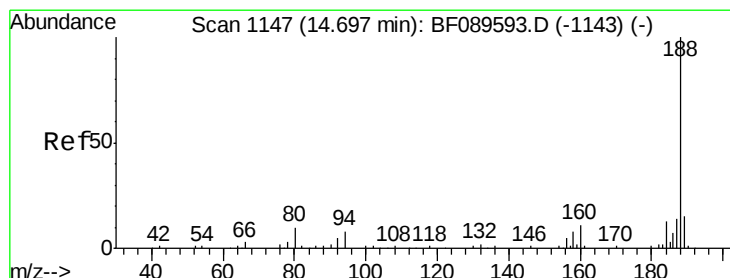
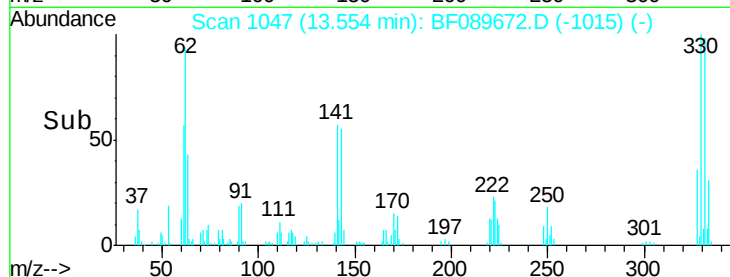
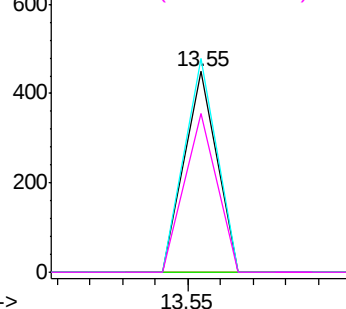


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 1144

Delta R.T. -0.03 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

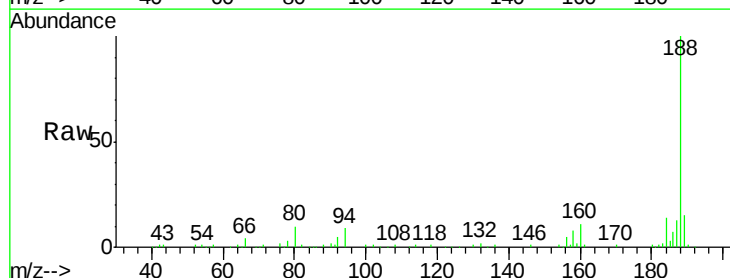
Tgt Ion: 188 Resp: 184386

Ion Ratio Lower Upper

188 100

94 8.6 6.5 9.7

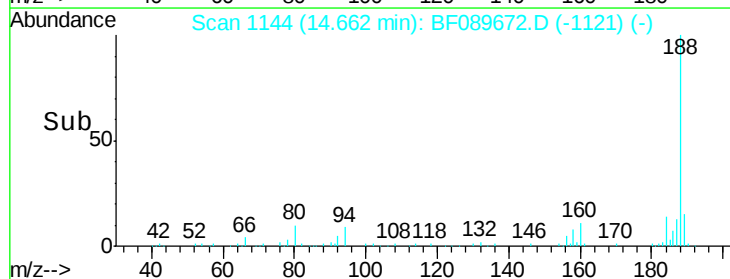
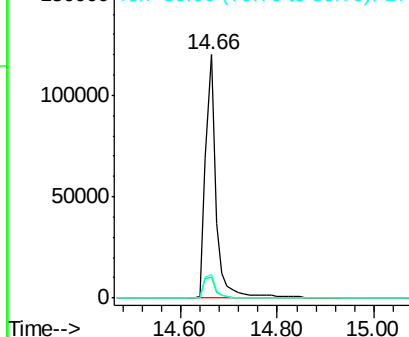
80 9.9 8.0 12.0

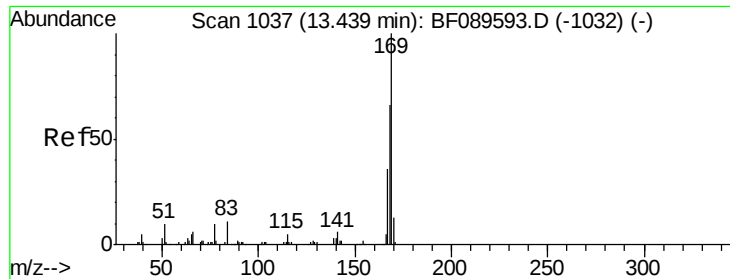


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

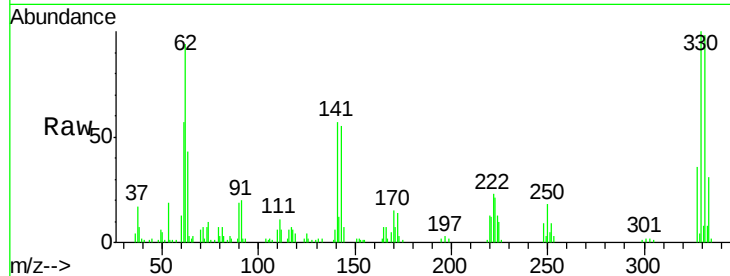




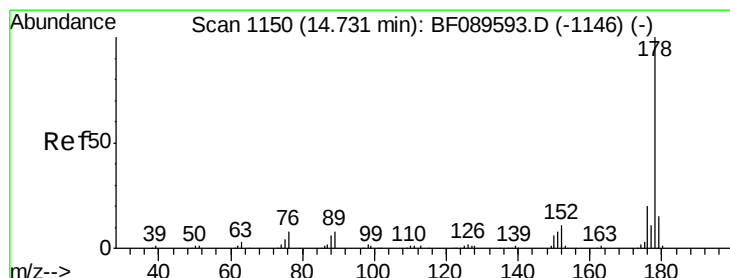
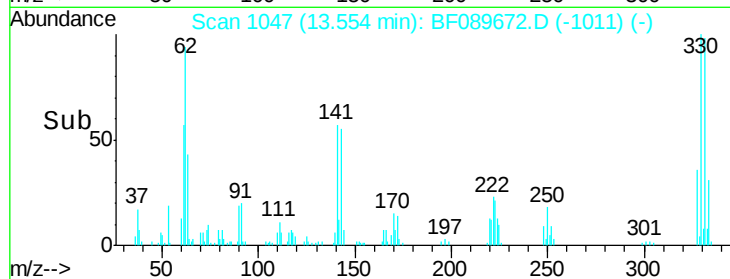
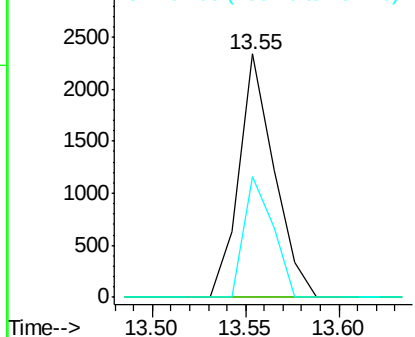
#65
 n-Nitrosodiphenylamine
 Concen: 0.50 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. 0.11 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

Tgt Ion:169 Resp: 3110
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.2 81.2#
 167 49.7 28.9 43.3#

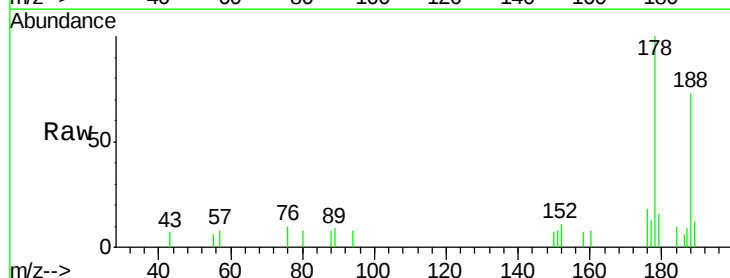


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

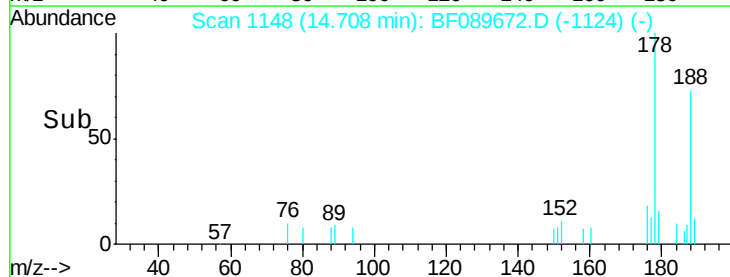
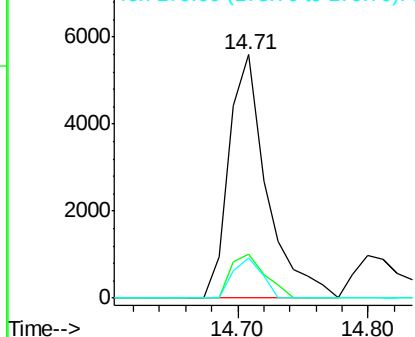


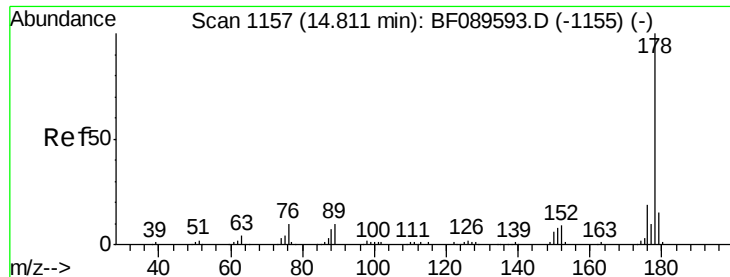
#70
 Phenanthrene
 Concen: 1.12 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion:178 Resp: 11269
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.7 23.5
 179 16.3 12.2 18.2



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

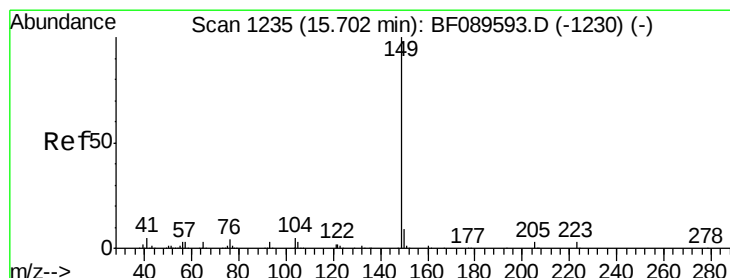
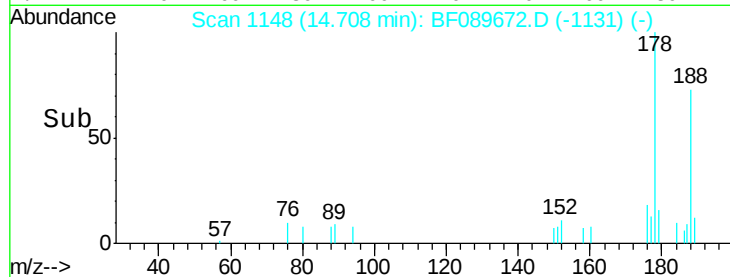
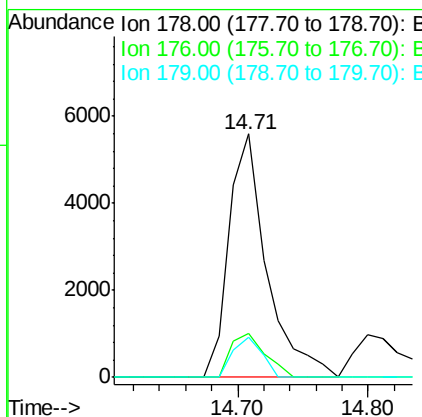
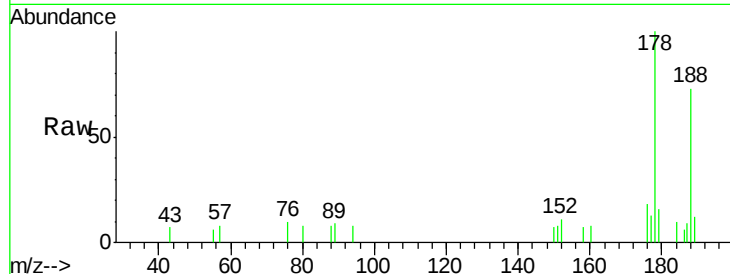




#71
 Anthracene
 Concen: 1.05 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.10 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

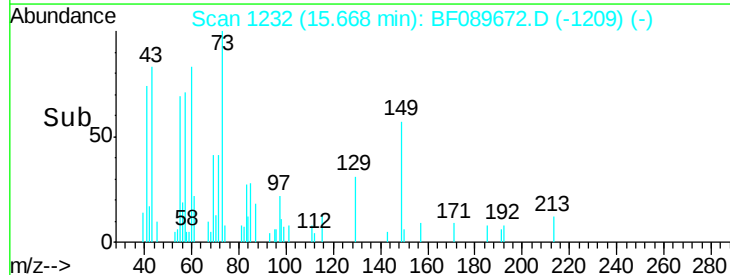
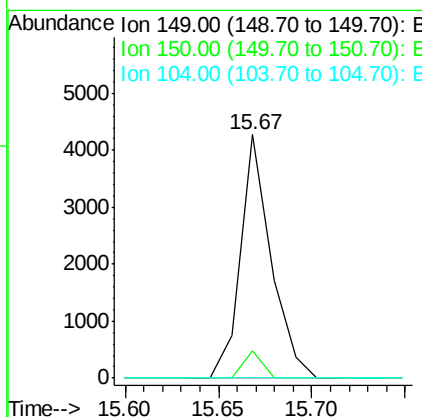
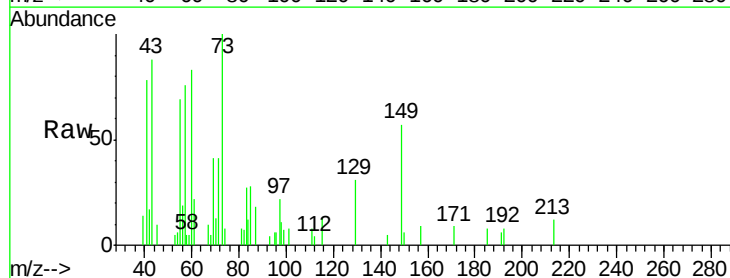
Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

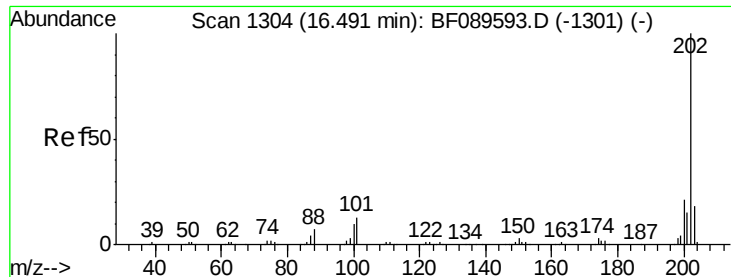
Tgt Ion:178 Resp: 11269
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.0 22.4
 179 16.3 12.4 18.6



#73
 Di-n-butylphthalate
 Concen: 0.40 ng
 RT: 15.67 min Scan# 1232
 Delta R.T. -0.03 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion:149 Resp: 4874
 Ion Ratio Lower Upper
 149 100
 150 11.0 7.2 10.8#
 104 0.0 3.8 5.8#

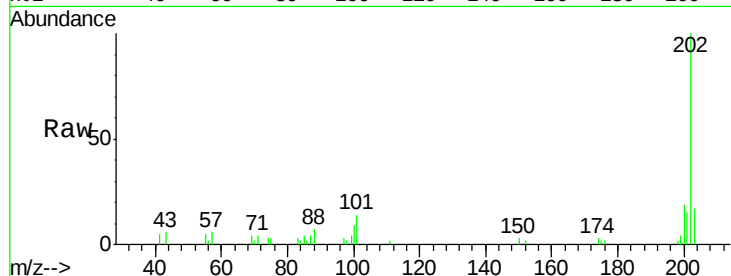




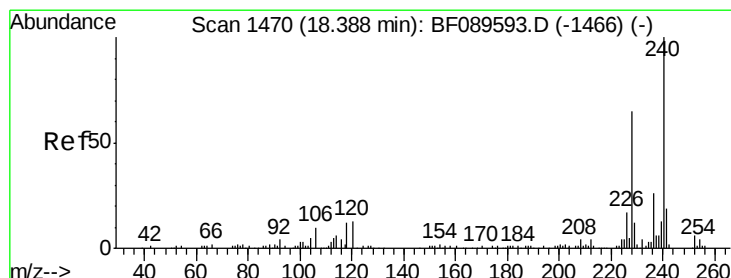
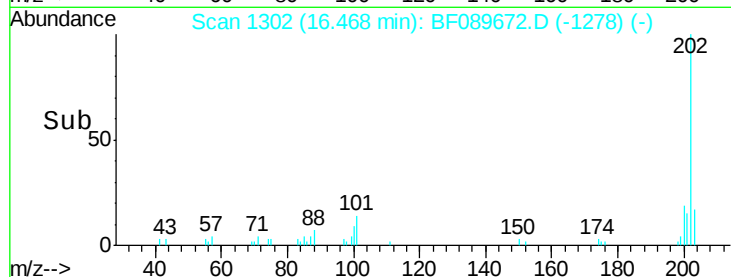
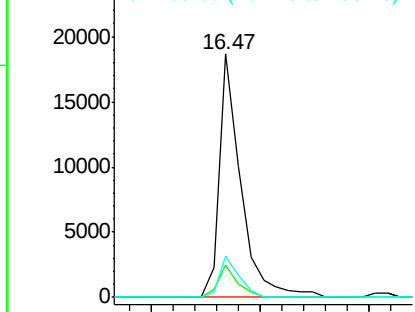
#74
 Fluoranthene
 Concen: 2.50 ng
 RT: 16.47 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

Tgt Ion: 202 Resp: 25781
 Ion Ratio Lower Upper
 202 100
 101 13.6 0.0 32.7
 203 16.8 0.0 37.8

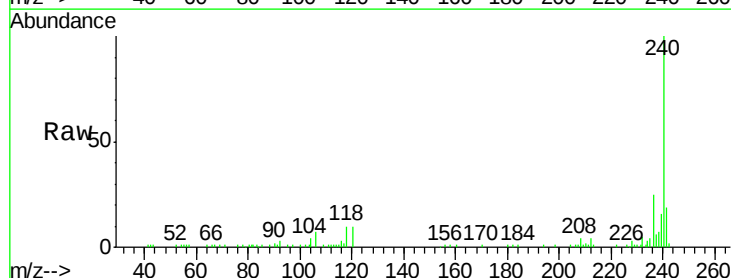


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

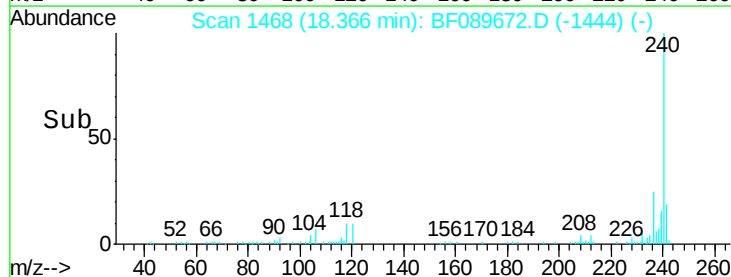
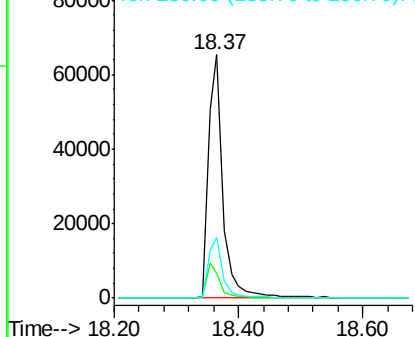


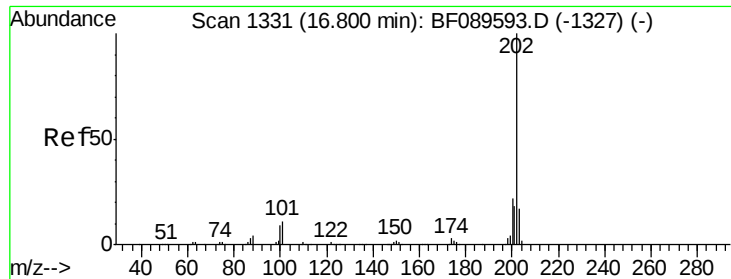
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion: 240 Resp: 104197
 Ion Ratio Lower Upper
 240 100
 120 10.2 10.6 15.8#
 236 24.8 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

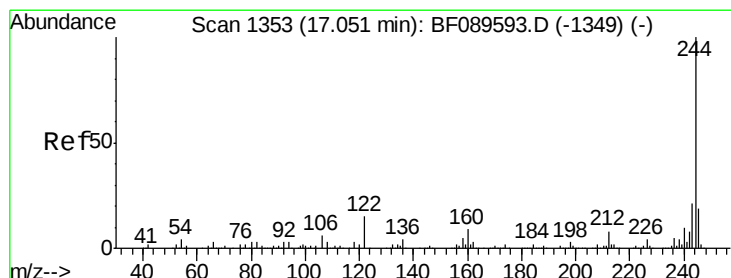
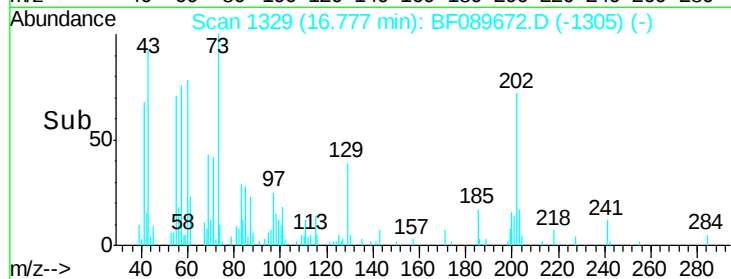
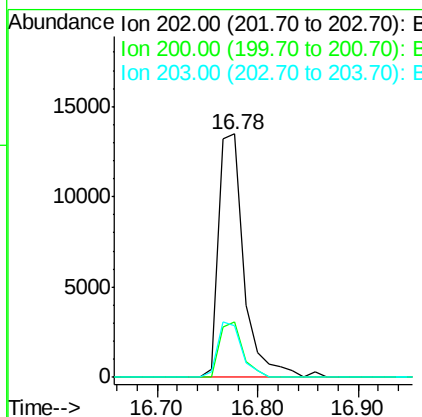
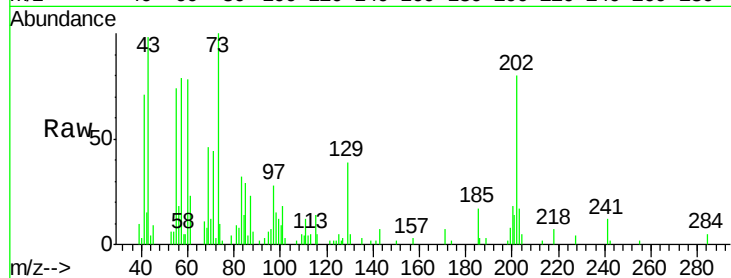




#77
 Pyrene
 Concen: 2.57 ng
 RT: 16.78 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

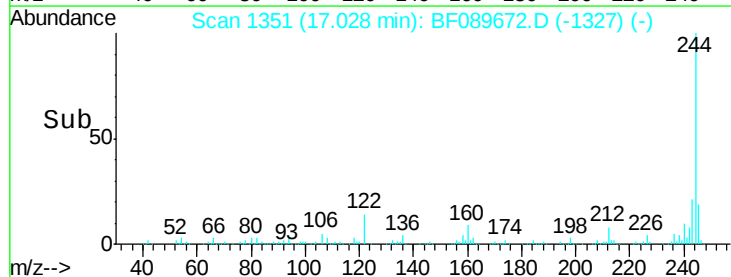
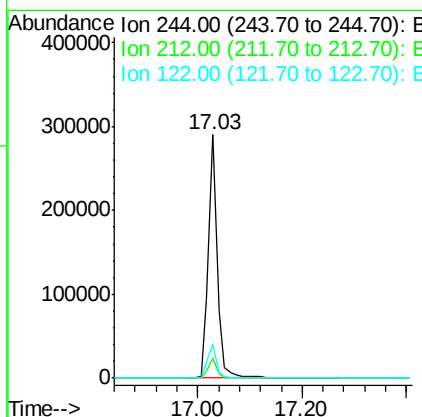
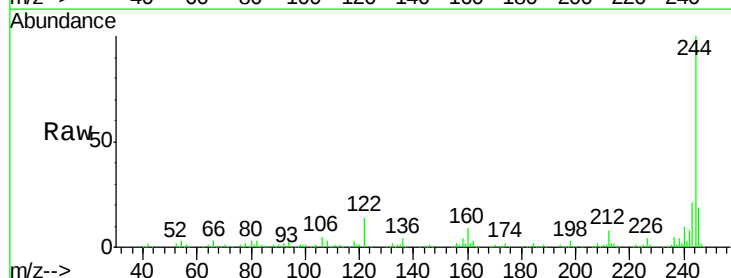
Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

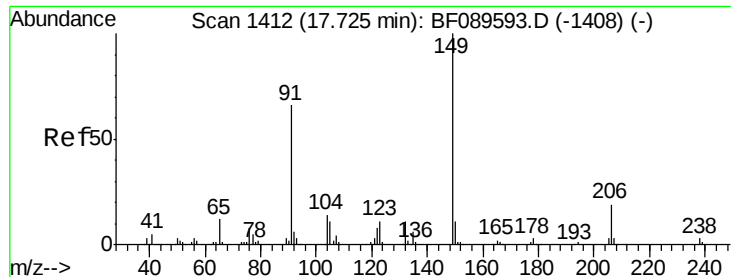
Tgt Ion:202 Resp: 23708
 Ion Ratio Lower Upper
 202 100
 200 22.9 17.4 26.0
 203 21.3 13.6 20.4#



#78
 Terphenyl-d14
 Concen: 65.43 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion:244 Resp: 345339
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 13.9 12.2 18.2





#79

Butylbenzylphthalate

Concen: 0.17 ng

RT: 17.69 min Scan# 1409

Delta R.T. -0.03 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

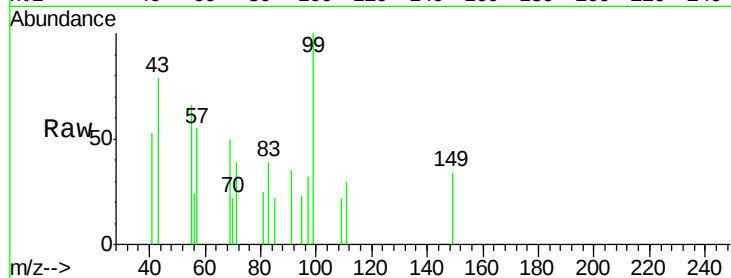
Tgt Ion:149 Resp: 676

Ion Ratio Lower Upper

149 100

91 105.1 52.6 78.8#

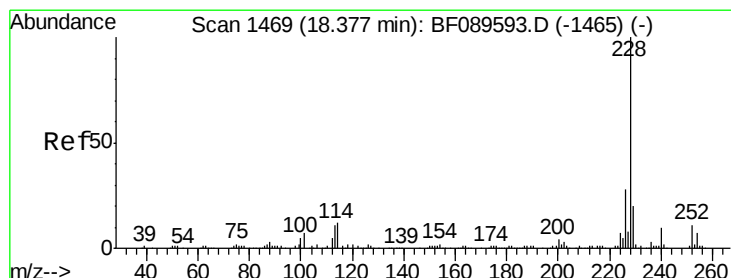
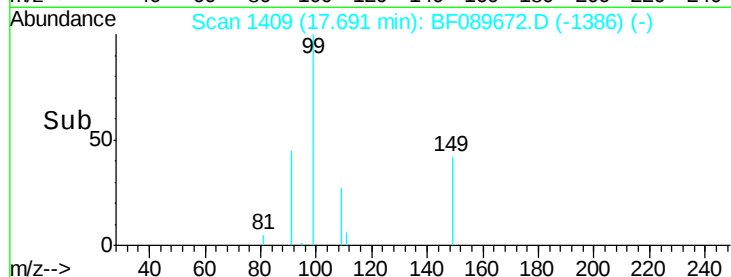
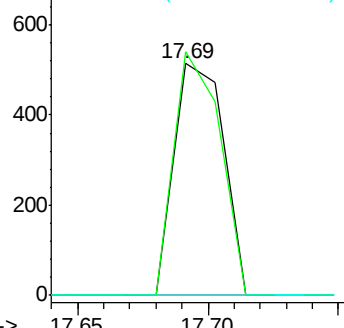
206 0.0 15.4 23.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 1.54 ng

RT: 18.35 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

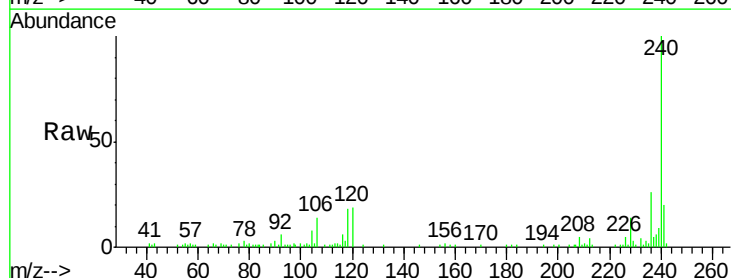
Tgt Ion:228 Resp: 9217

Ion Ratio Lower Upper

228 100

226 33.0 22.3 33.5

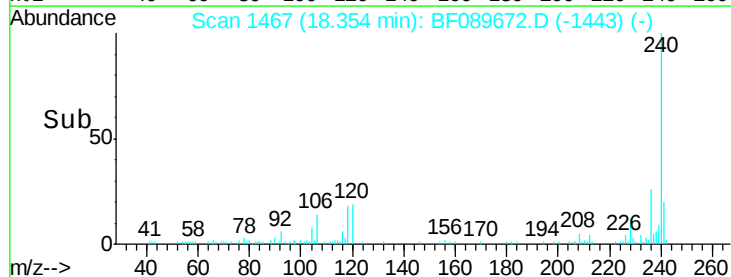
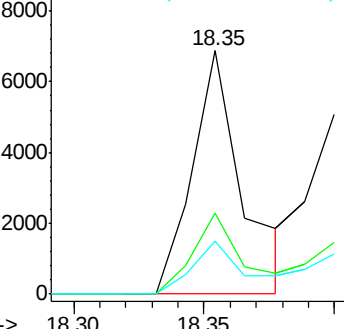
229 21.5 15.9 23.9

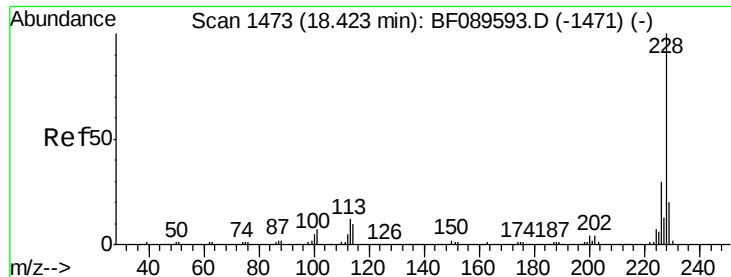


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 1.51 ng

RT: 18.40 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

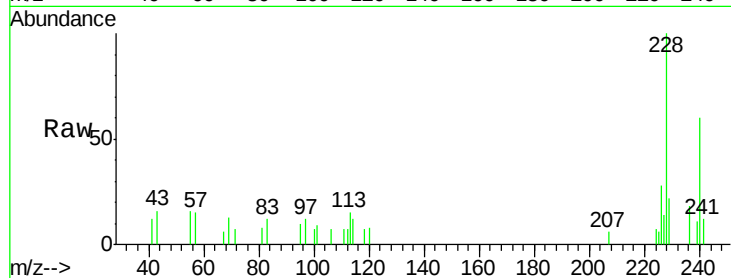
BNA_F

ClientSampleId :

SB-60-0.5-1.5

Tgt Ion: 228 Resp: 9467

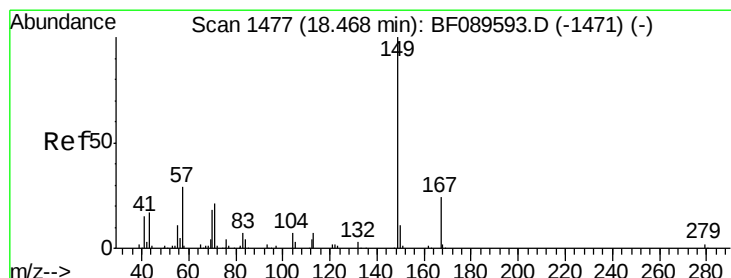
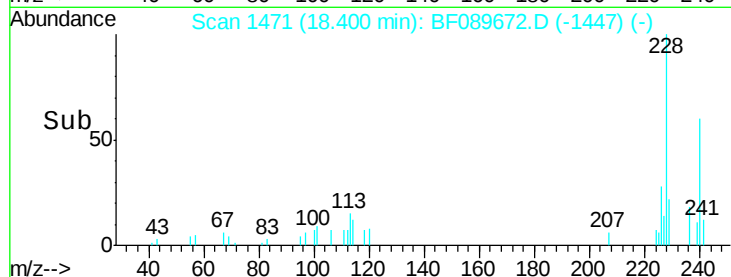
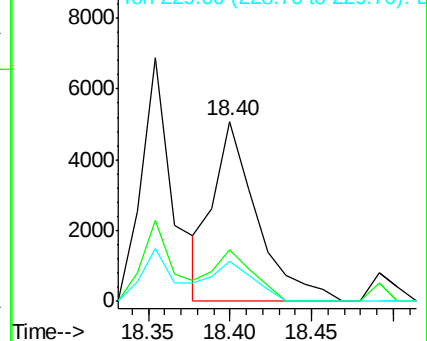
Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.2	36.2
229	22.1	16.0	24.0



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: 1.16 ng

RT: 18.45 min Scan# 1475

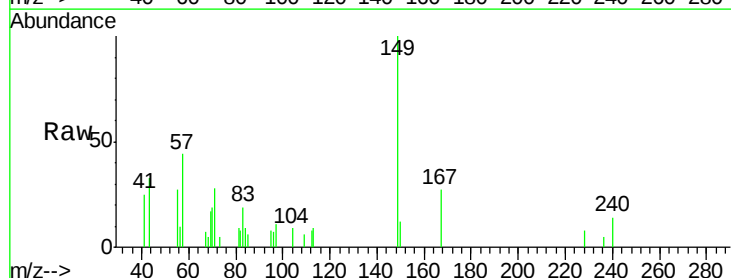
Delta R.T. -0.02 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Tgt Ion: 149 Resp: 6295

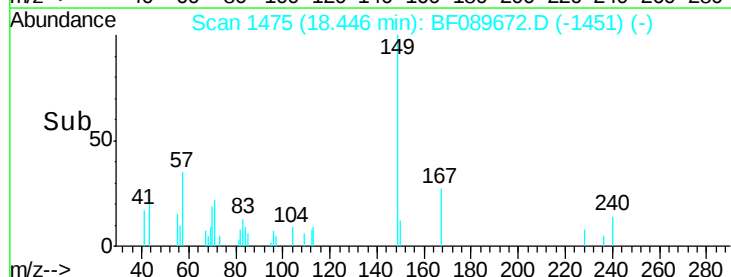
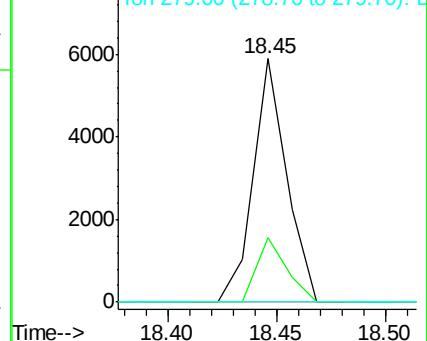
Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.0	28.4
279	0.0	1.8	2.6#

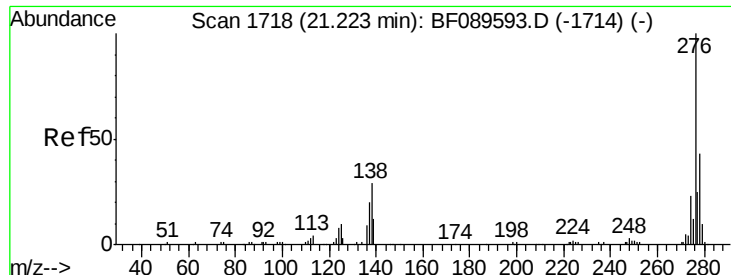


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

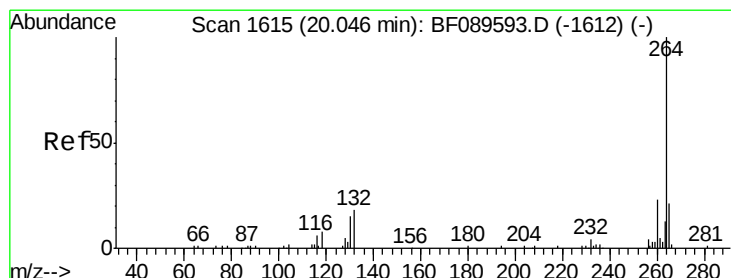
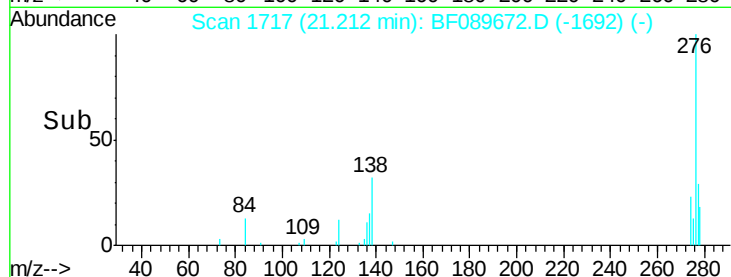
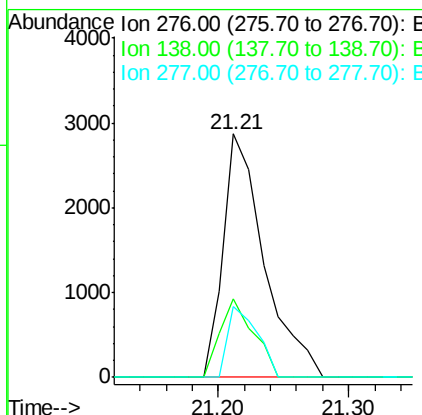
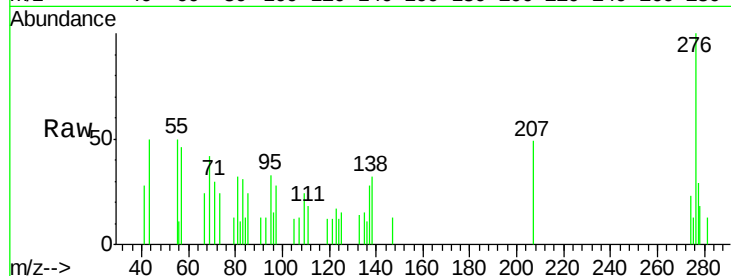




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.32 ng
 RT: 21.21 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

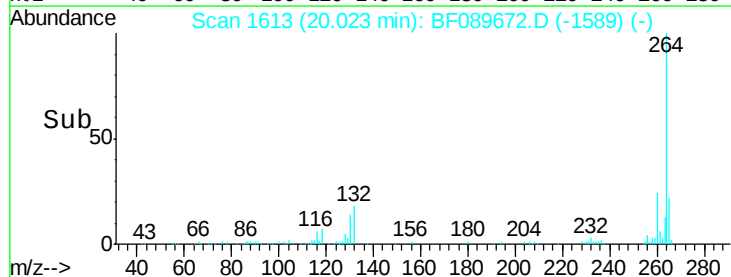
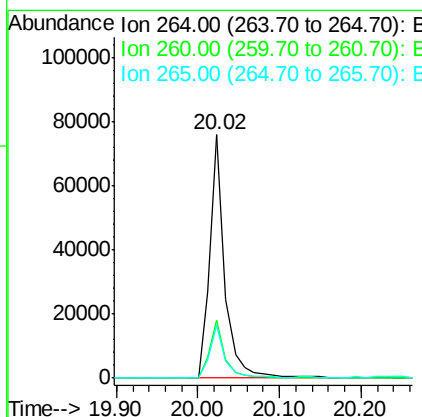
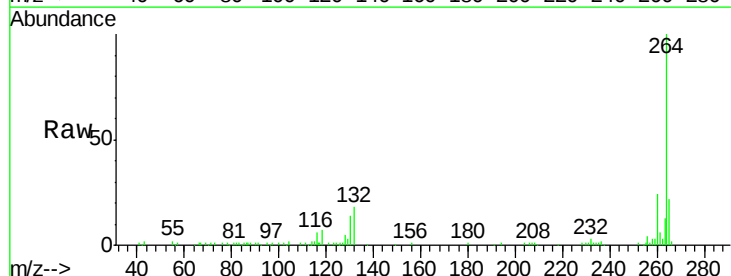
Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

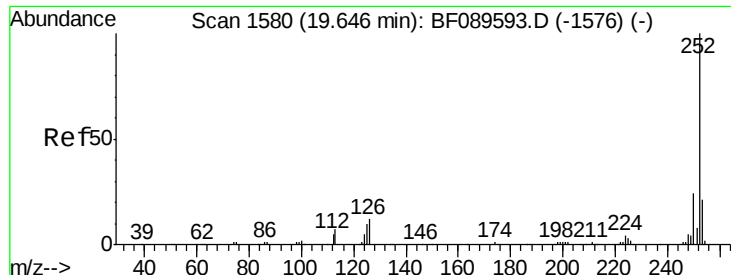
Tgt Ion: 276 Resp: 6311
 Ion Ratio Lower Upper
 276 100
 138 26.2 23.8 35.8
 277 20.8 20.3 30.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion: 264 Resp: 99416
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.9 16.5 24.7

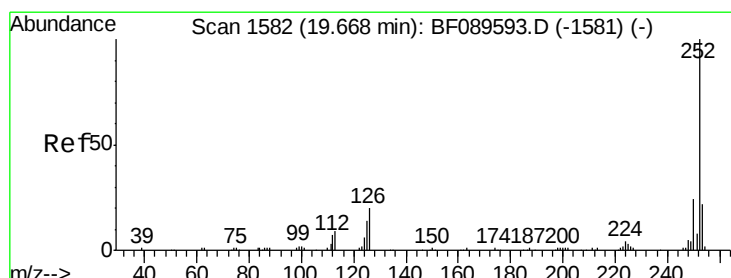
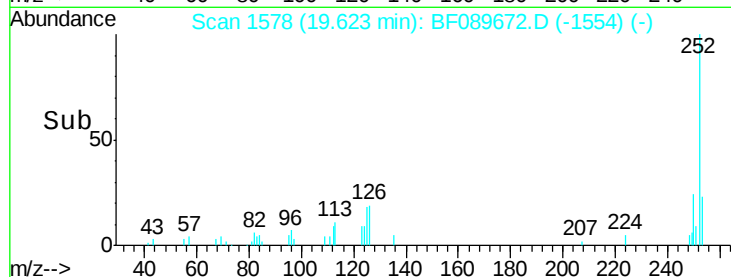
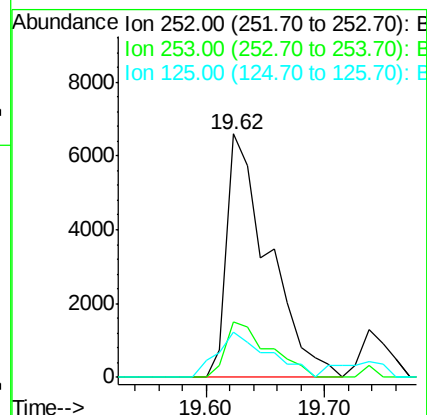
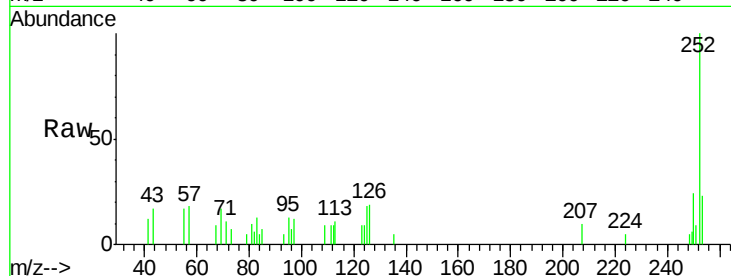




#87
Benzo(b)fluoranthene
Concen: 2.64 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

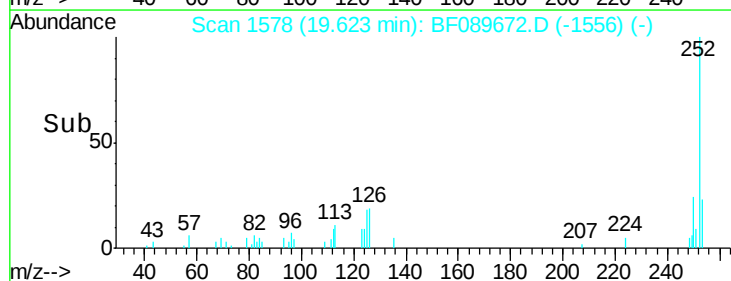
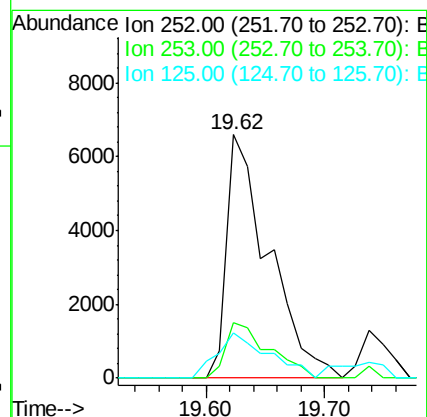
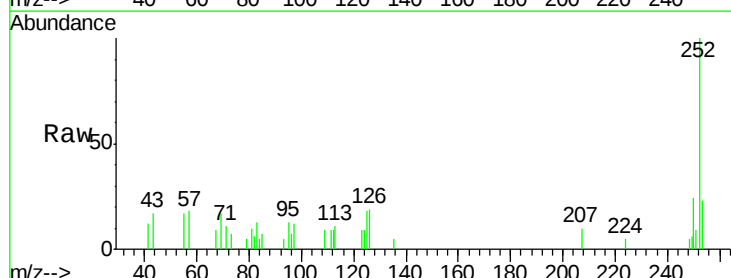
Instrument :
BNA_F
ClientSampleId :
SB-60-0.5-1.5

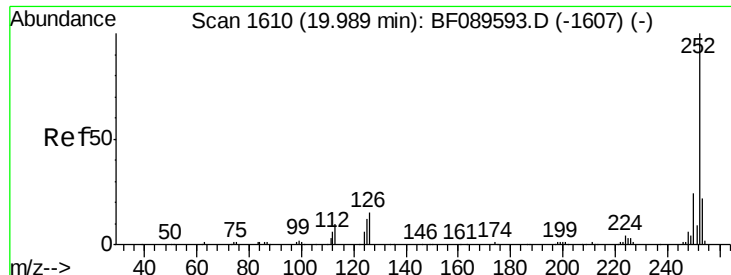
Tgt Ion: 252 Resp: 16135
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 18.5 7.8 11.8#



#88
Benzo(k)fluoranthene
Concen: 2.62 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.05 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

Tgt Ion: 252 Resp: 16135
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 18.5 11.0 16.6#

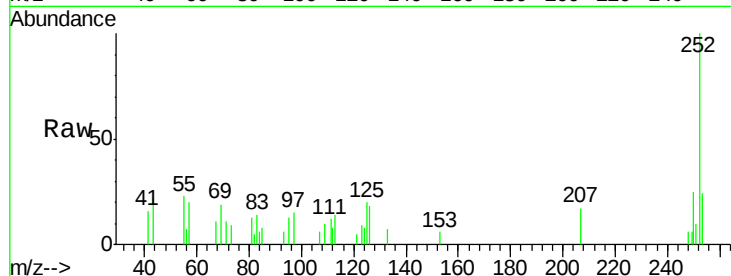




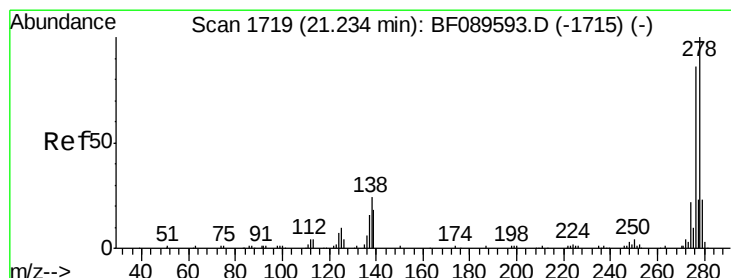
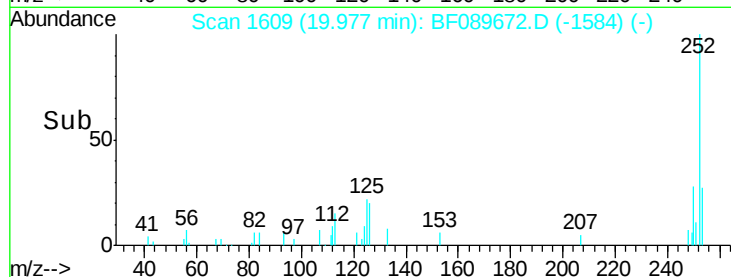
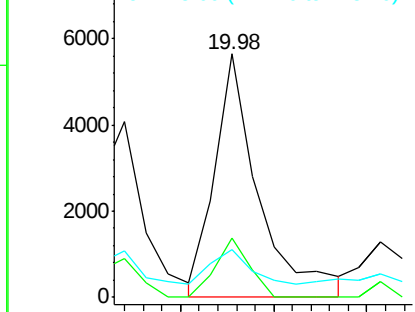
#89
Benzo(a)pyrene
Concen: 1.62 ng
RT: 19.98 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

Instrument :
BNA_F
ClientSampleId :
SB-60-0.5-1.5

Tgt Ion: 252 Resp: 9258
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.0
125 19.7 9.9 14.9#

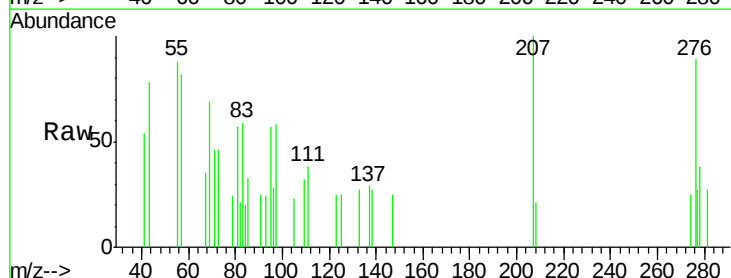


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

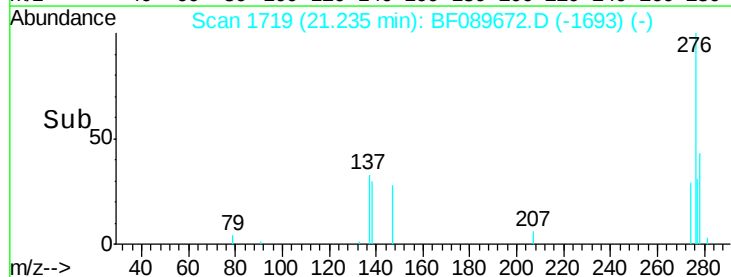
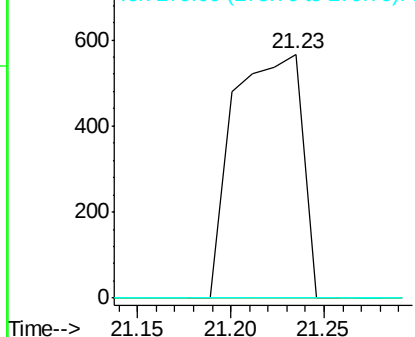


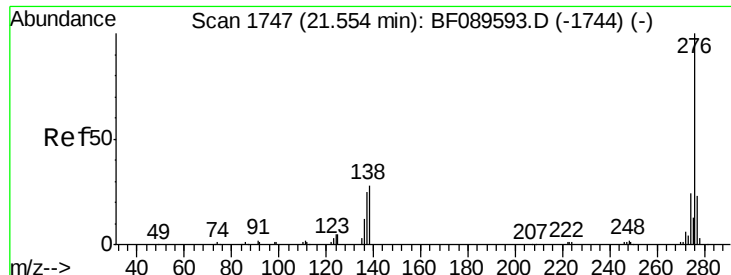
#90
Dibenzo(a,h)anthracene
Concen: 0.27 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

Tgt Ion: 278 Resp: 1443
Ion Ratio Lower Upper
278 100
139 0.0 14.6 21.8#
279 0.0 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: 1.14 ng

RT: 21.55 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

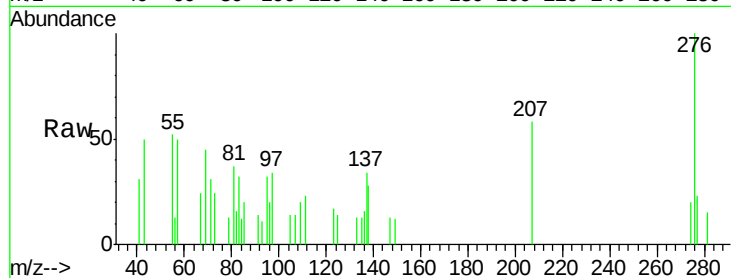
Tgt Ion: 276 Resp: 6221

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 27.5 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

