

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062216\
 Data File : BF088249.D
 Acq On : 22 Jun 2016 14:58
 Operator : UM/SJ
 Sample : H3691-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1605184354

Quant Time: Jun 22 15:41:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	70448	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	309647	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	151252	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	270372	20.00	ng	0.00
75) Chrysene-d12	13.75	240	236171	20.00	ng	0.00
86) Perylene-d12	15.11	264	186189	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	74689	18.12	ng	0.01
7) Phenol-d6	6.26	99	77432	15.50	ng	0.00
23) Nitrobenzene-d5	7.18	82	56151	10.59	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	20195	12.65	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	115571	6.92	ng	0.00
78) Terphenyl-d14	12.70	244	110640	10.66	ng	0.00

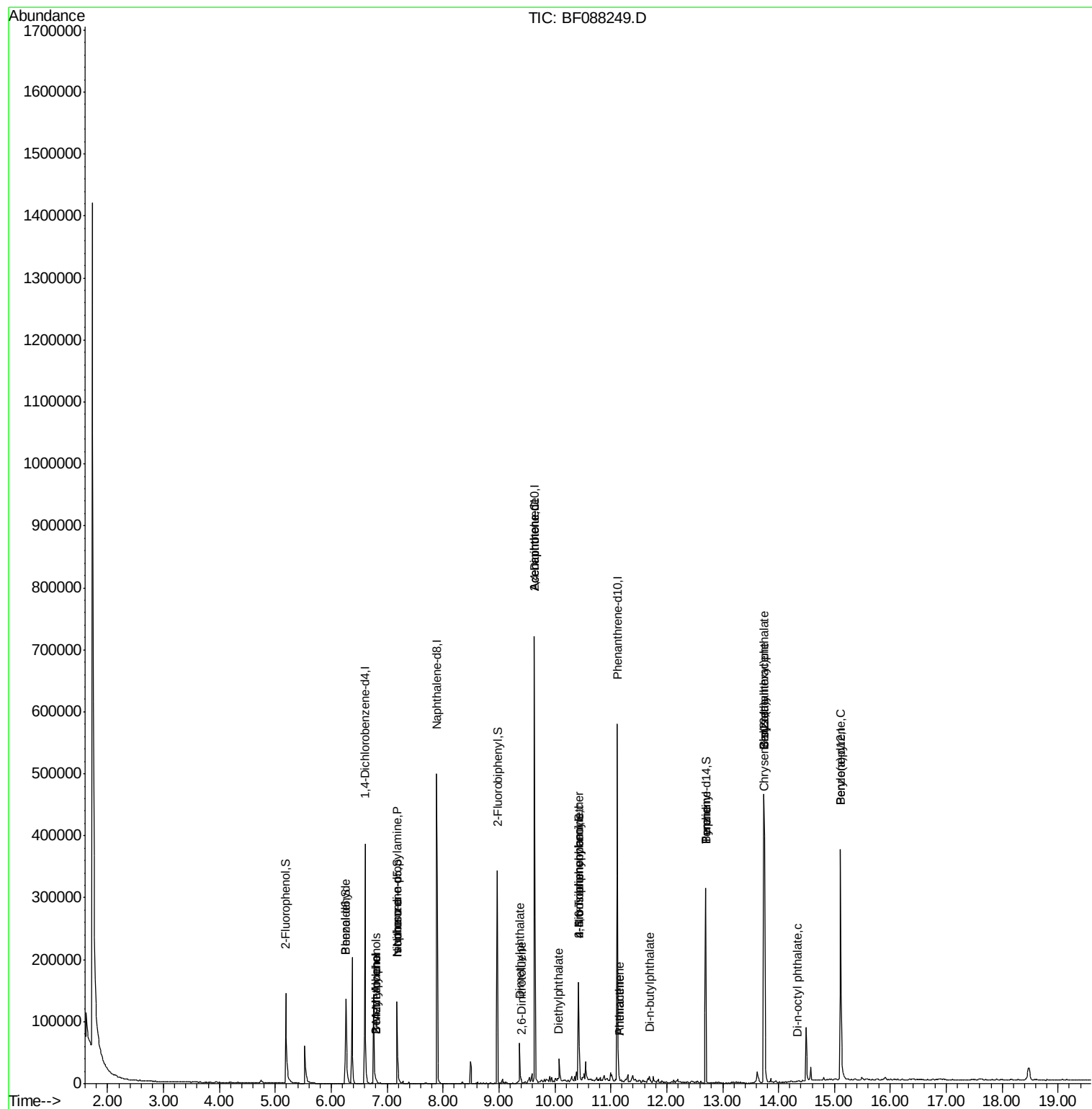
Target Compounds						Qvalue
9) Benzaldehyde	6.26	77	306	0.76	ng	# 78
15) Benzyl Alcohol	6.80	79	4803	1.23	ng	# 98
17) 2-Methylphenol	6.80	107	2261	0.57	ng	# 11
19) n-Nitroso-di-n-propylamine	7.18	70	6694	2.10	ng	# 68
20) 3+4-Methylphenols	6.80	107	2261	0.49	ng	# 12
25) Isophorone	7.18	82	56149	5.72	ng	# 65
49) Dimethylphthalate	9.37	163	27675	2.53	ng	# 99
50) 2,6-Dinitrotoluene	9.40	165	985	0.39	ng	# 37
51) Acenaphthene	9.63	154	398	0.04	ng	# 5
56) 2,4-Dinitrotoluene	9.63	165	19528	6.06	ng	# 36
57) Fluorene	10.42	166	1189	Below Cal		# 91
59) Diethylphthalate	10.07	149	1691	0.15	ng	# 83
65) n-Nitrosodiphenylamine	10.42	169	565	0.06	ng	# 38
66) 4-Bromophenyl-phenylether	10.42	248	1248	0.43	ng	# 1
70) Phenanthrene	11.15	178	209	0.01	ng	# 59
71) Anthracene	11.15	178	209	0.01	ng	# 59
73) Di-n-butylphthalate	11.69	149	5707	0.34	ng	# 94
76) Benzidine	12.70	184	1446	0.22	ng	# 66
77) Pyrene	12.70	202	268	0.02	ng	# 56
80) Benzo(a)anthracene	13.74	228	752	0.06	ng	# 51
82) Chrysene	13.74	228	752	0.06	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.74	149	6033	0.64	ng	# 91
84) Di-n-octyl phthalate	14.34	149	260	0.02	ng	# 100
89) Benzo(a)pyrene	15.11	252	323	0.03	ng	# 57

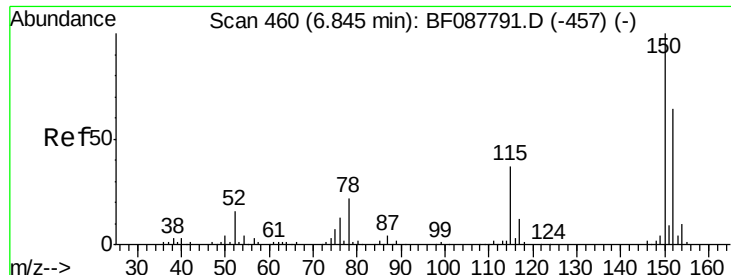
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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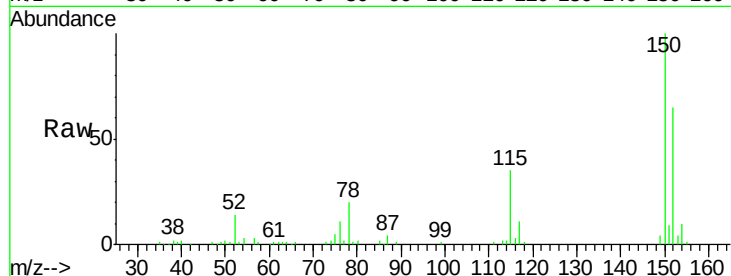




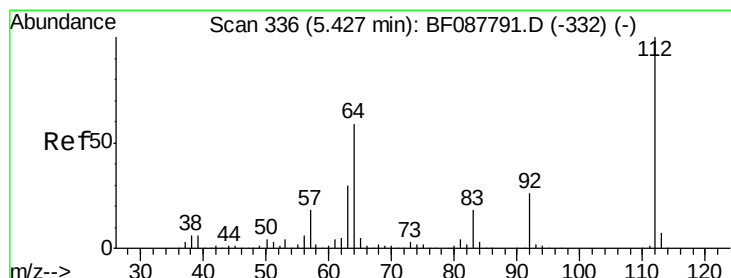
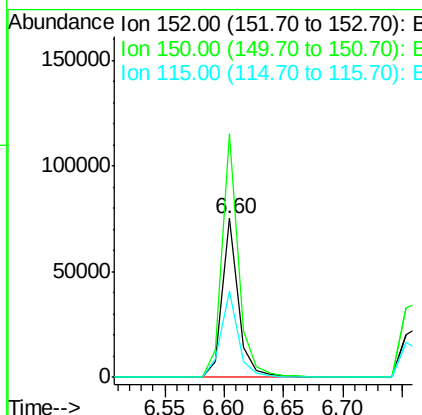
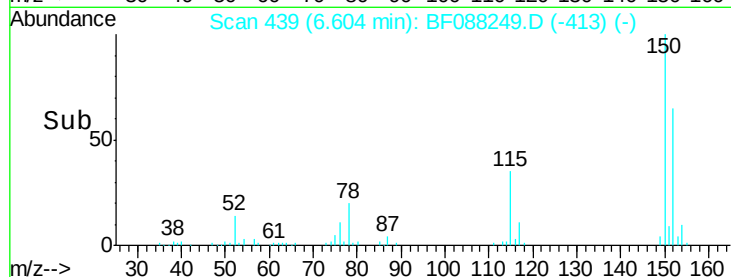
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

Instrument :
 BNA_F
 ClientSampleId :
 1605184354

Tgt Ion:152 Resp: 70448
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.8 185.6
 115 54.0 39.6 59.4

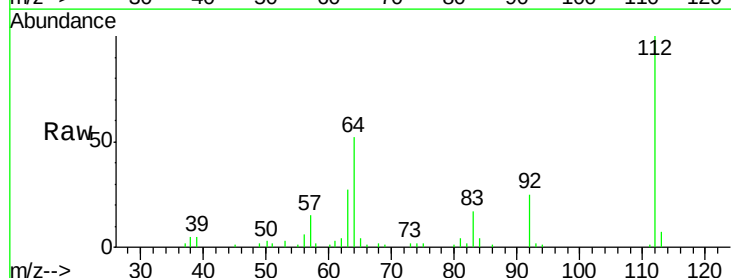


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

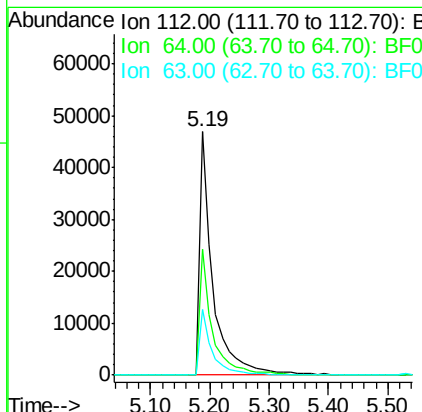
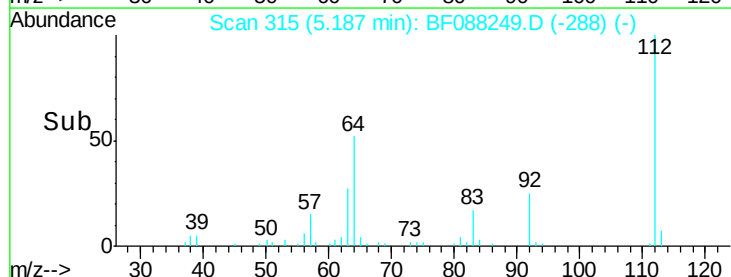


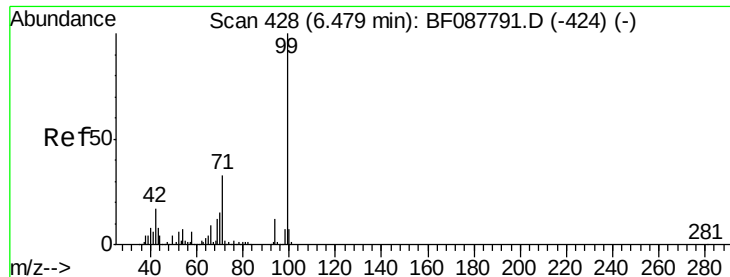
#5
 2-Fluorophenol
 Concen: 18.12 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

Tgt Ion:112 Resp: 74689
 Ion Ratio Lower Upper
 112 100
 64 51.7 42.2 63.2
 63 26.8 21.8 32.8



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: 15.50 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

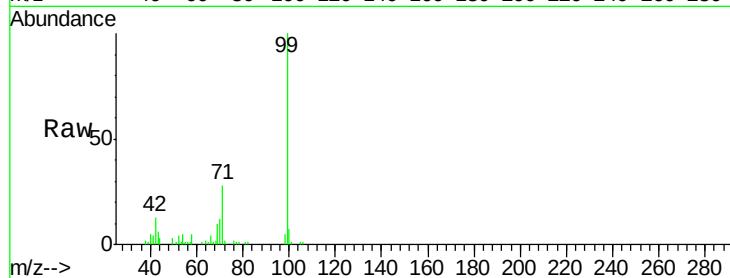
Tgt Ion: 99 Resp: 77432

Ion Ratio Lower Upper

99 100

42 12.9 12.2 18.2

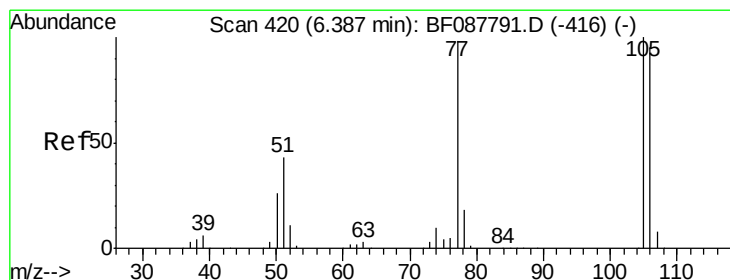
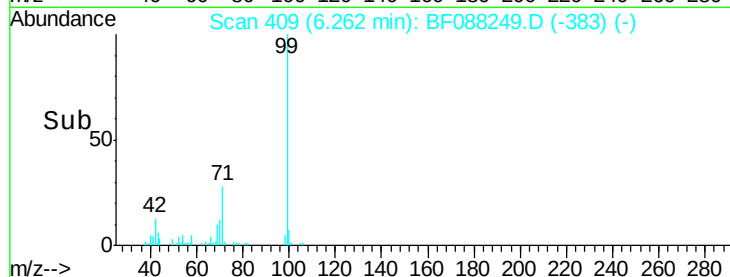
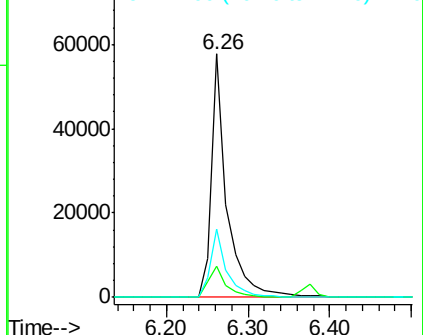
71 28.2 23.4 35.0



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: 0.76 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.11 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

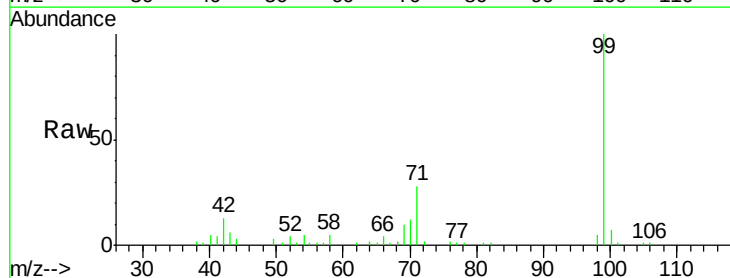
Tgt Ion: 77 Resp: 306

Ion Ratio Lower Upper

77 100

105 83.9 90.6 130.6#

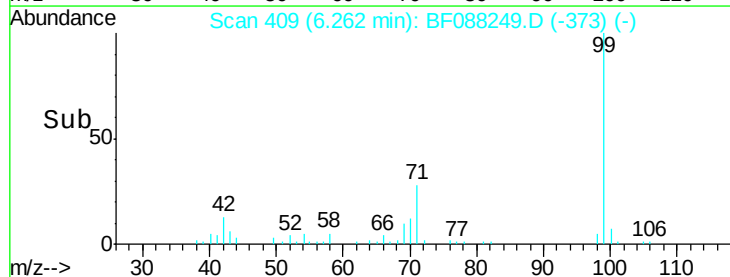
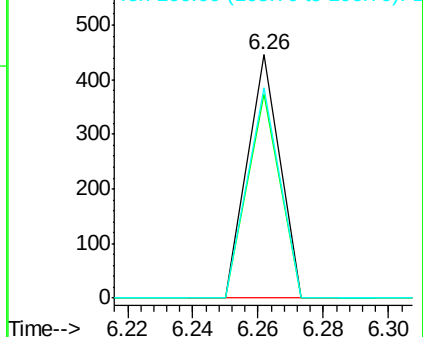
106 86.5 85.3 125.3

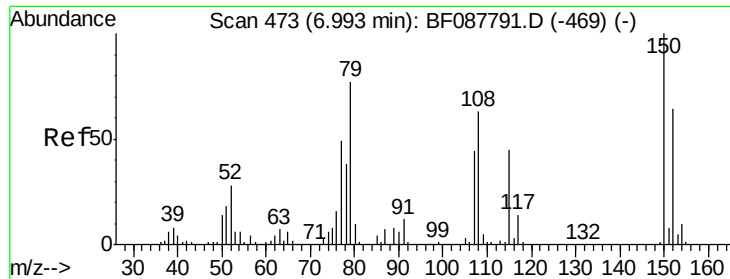


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 1.23 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.03 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

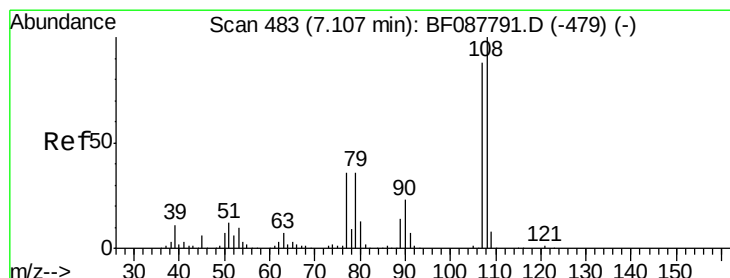
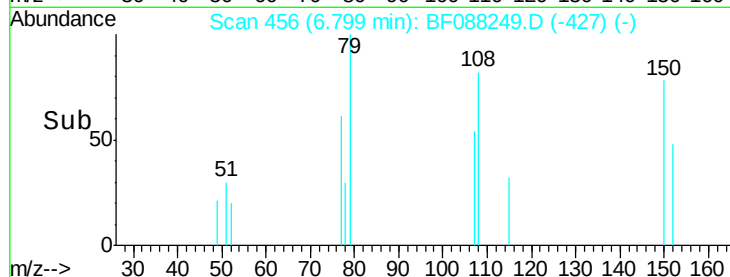
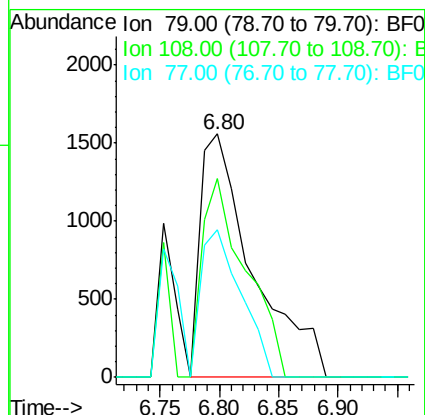
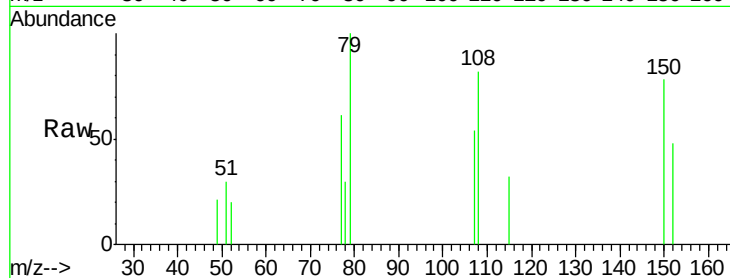
Tgt Ion: 79 Resp: 4803

Ion Ratio Lower Upper

79 100

108 81.9 65.0 97.6

77 60.8 50.3 75.5



#17

2-Methylphenol

Concen: 0.57 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.09 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Tgt Ion: 107 Resp: 2261

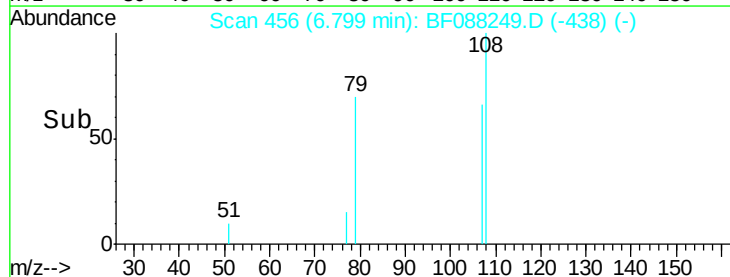
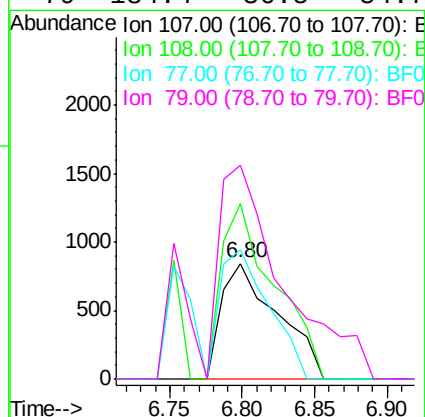
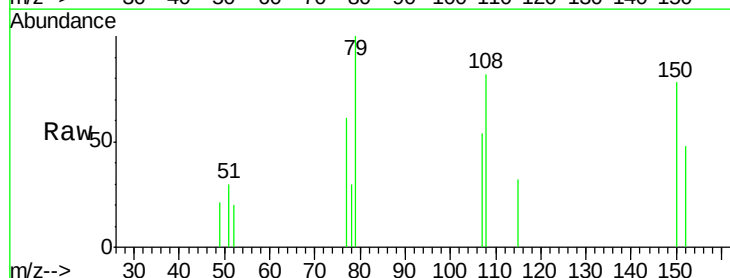
Ion Ratio Lower Upper

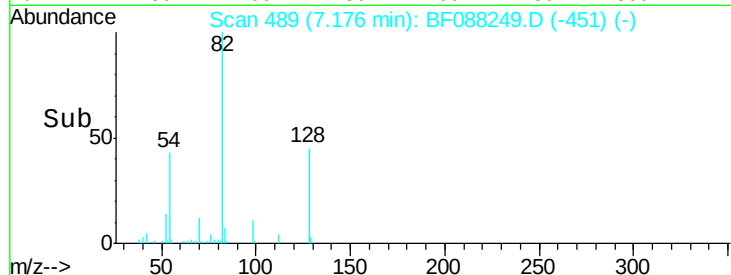
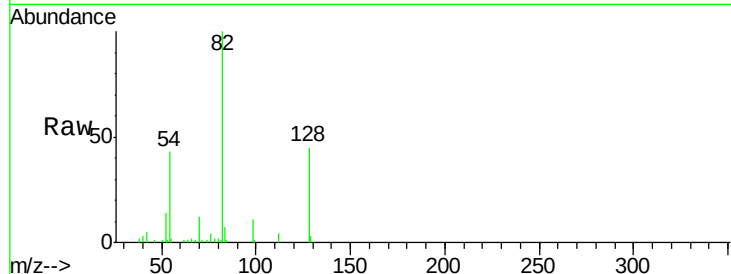
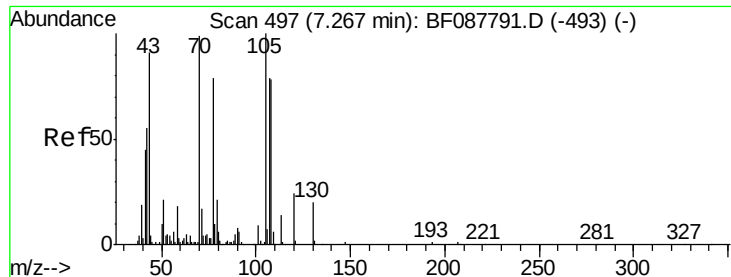
107 100

108 150.9 90.9 136.3#

77 112.1 36.6 55.0#

79 184.4 36.5 54.7#

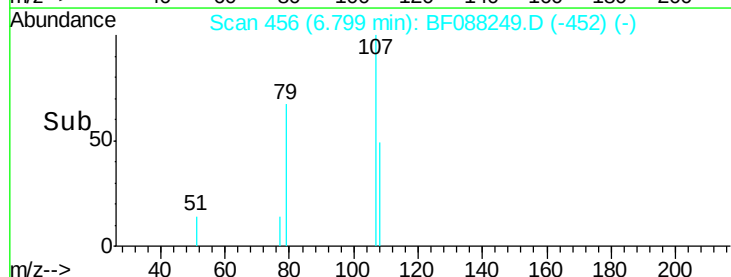
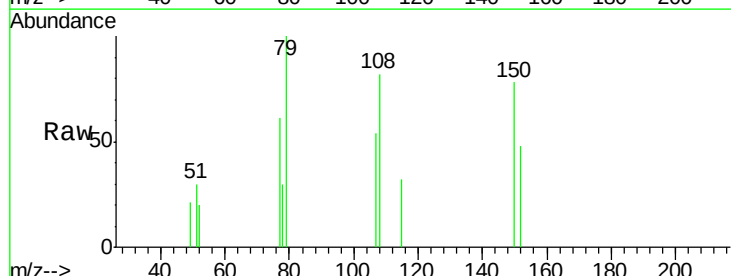
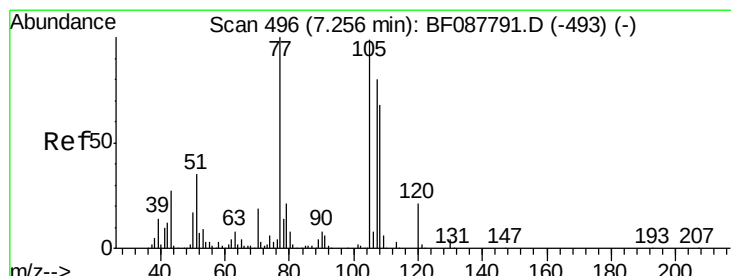
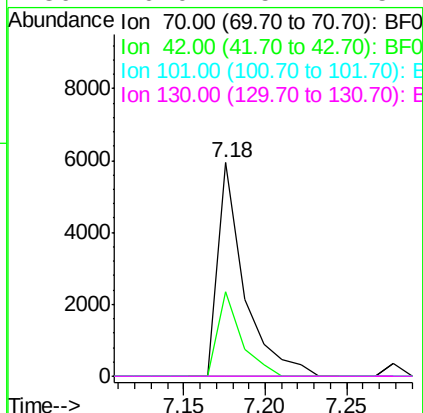




#19
n-Nitroso-di-n-propylamine
Concen: 2.10 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

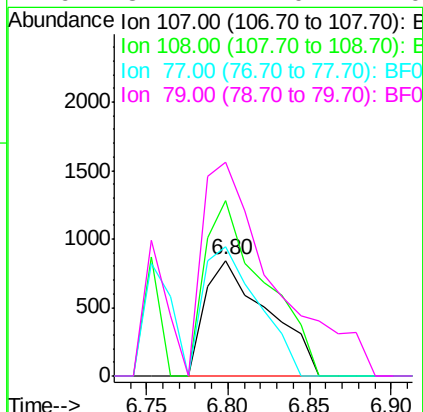
Instrument :
BNA_F
ClientSampleId :
1605184354

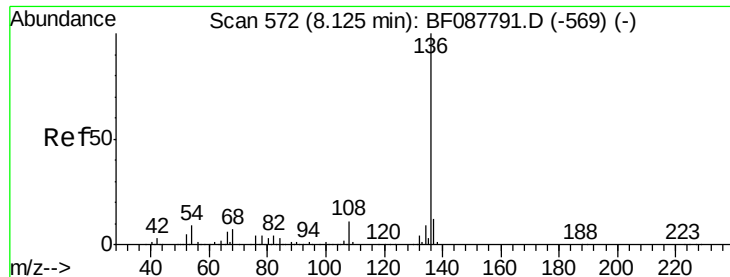
Tgt Ion:	70	Resp:	6694
Ion	Ratio	Lower	Upper
70	100		
42	39.6	49.6	74.4#
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



#20
3+4-Methylphenols
Concen: 0.49 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.25 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

Tgt Ion:	107	Resp:	2261
Ion	Ratio	Lower	Upper
107	100		
108	150.9	67.8	107.8#
77	112.1	59.3	99.3#
79	184.4	7.0	47.0#

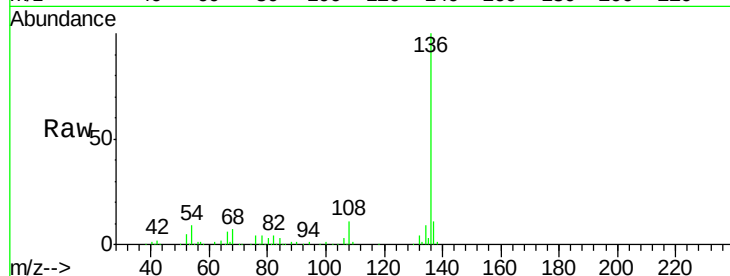




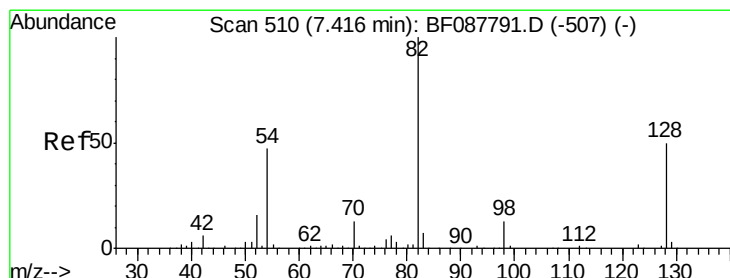
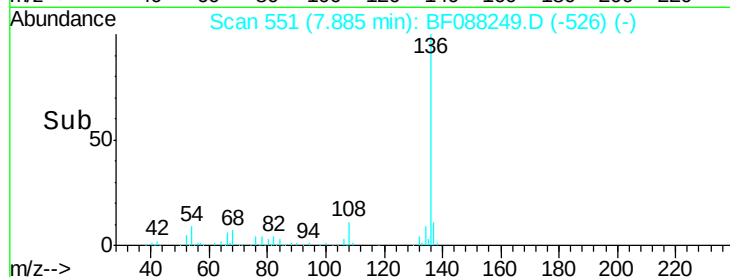
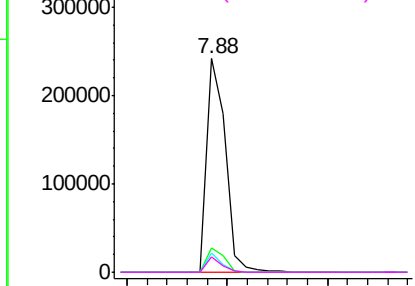
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	309647
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.7	6.6	10.0
68	7.1	5.1	7.7

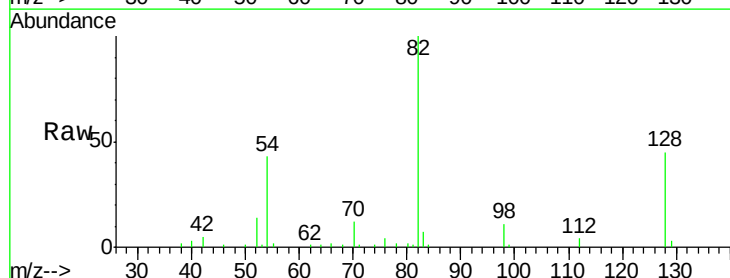


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

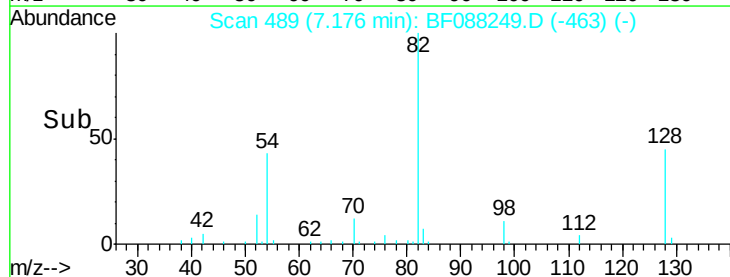
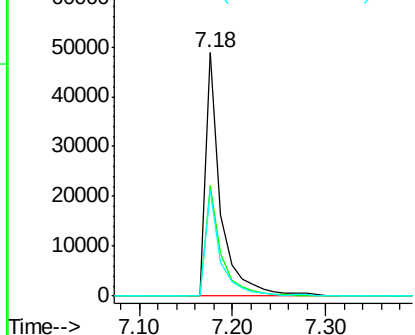


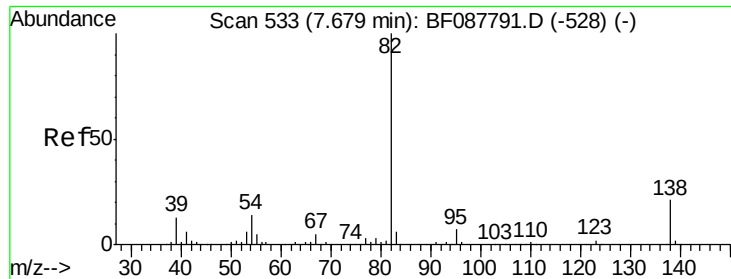
#23
Nitrobenzene-d5
Concen: 10.59 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

Tgt Ion:	82	Resp:	56151
Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.9	53.9
54	43.2	40.9	61.3



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





#25

Isophorone

Concen: 5.72 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.26 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

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1605184354

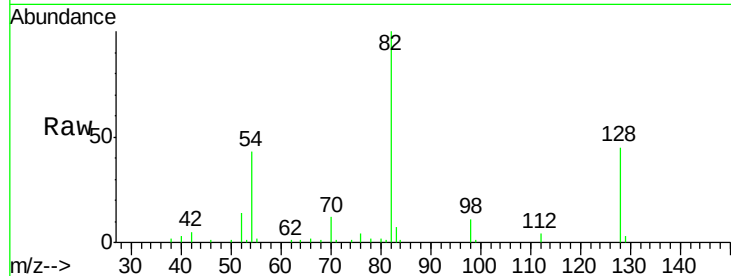
Tgt Ion: 82 Resp: 56149

Ion Ratio Lower Upper

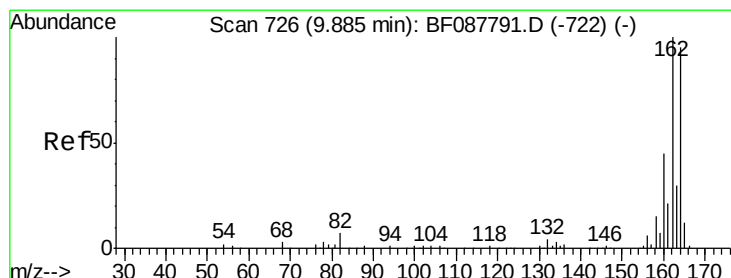
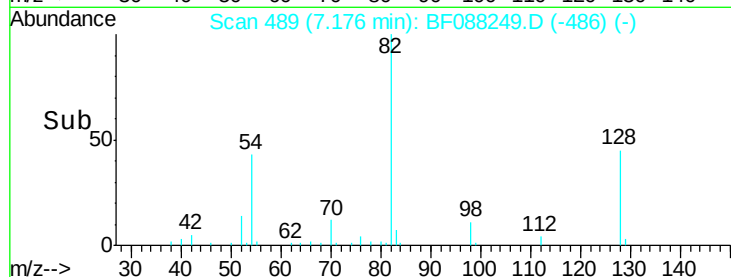
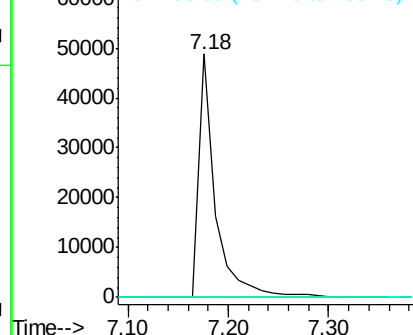
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

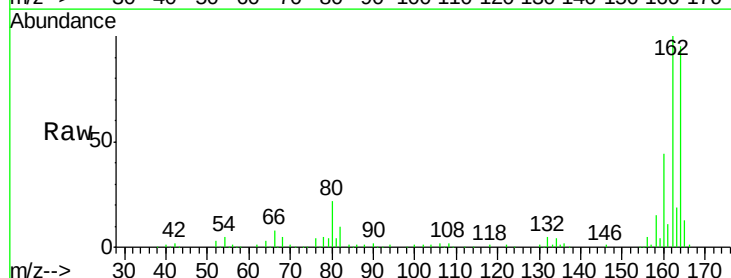
Tgt Ion: 164 Resp: 151252

Ion Ratio Lower Upper

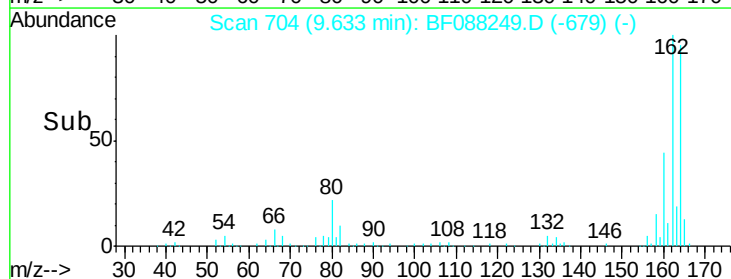
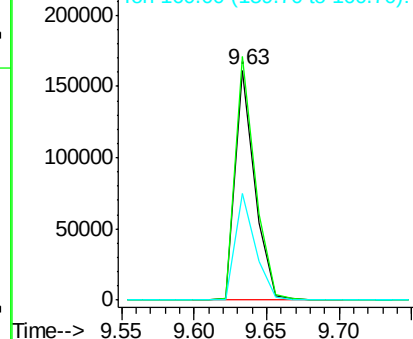
164 100

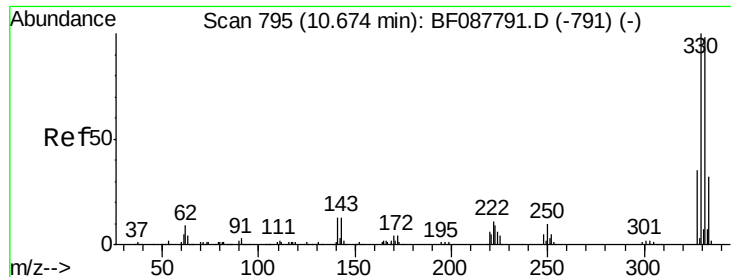
162 105.8 85.4 128.2

160 46.4 39.5 59.3



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

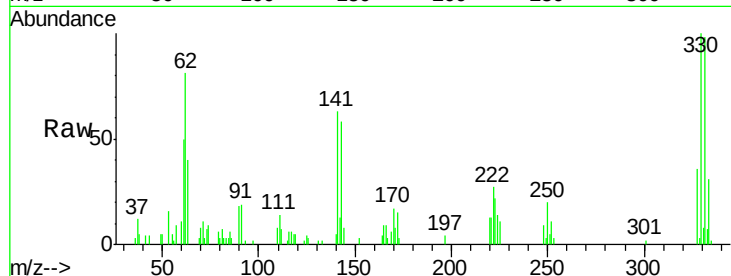




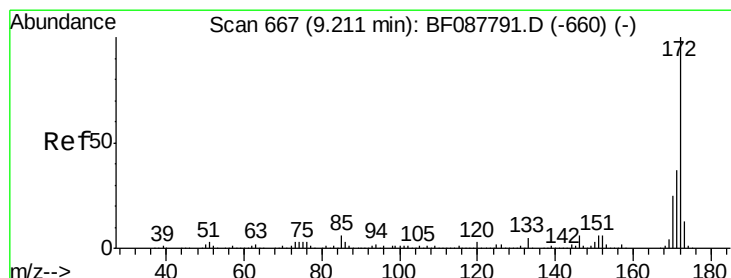
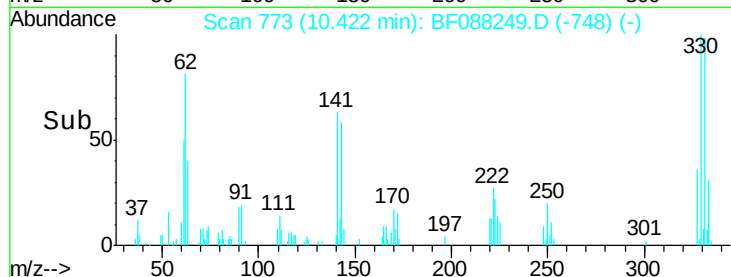
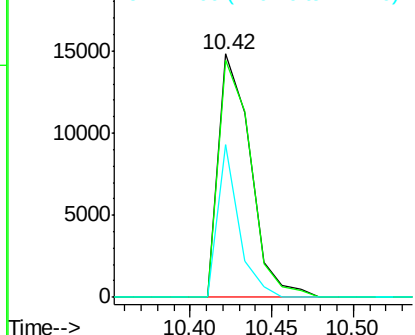
#41
 2,4,6-Tribromophenol
 Concen: 12.65 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

Instrument :
 BNA_F
 ClientSampleId :
 1605184354

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	41.2	0.0	0.0#

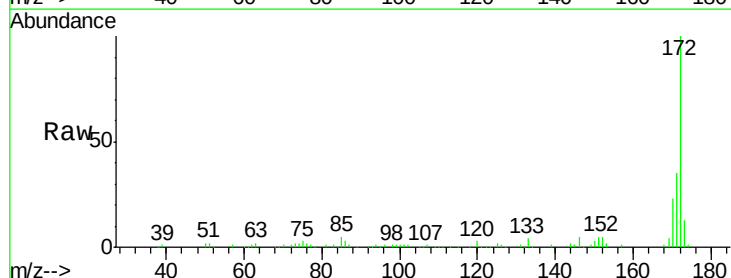


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

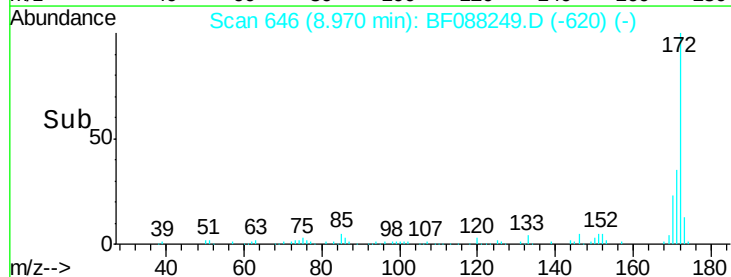
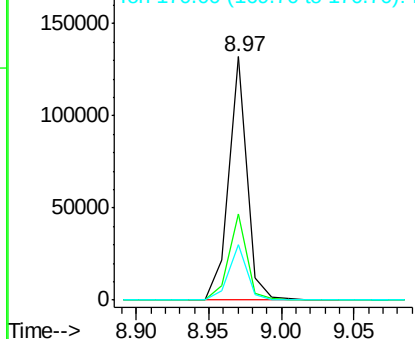


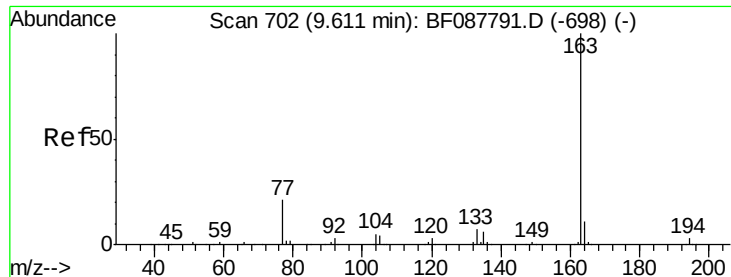
#44
 2-Fluorobiphenyl
 Concen: 6.92 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	22.8	19.2	28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.53 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

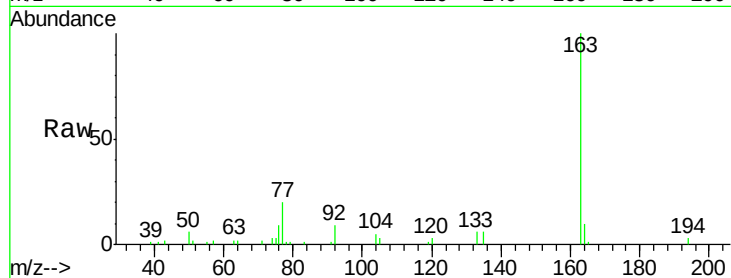
Tgt Ion:163 Resp: 27675

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

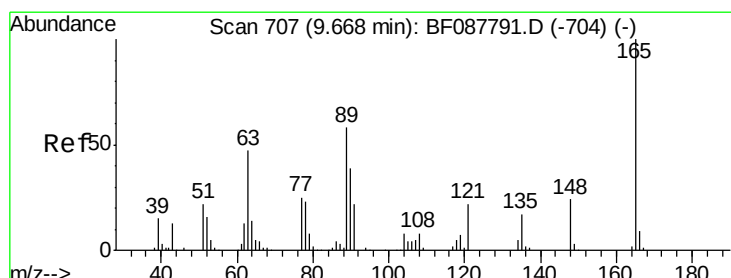
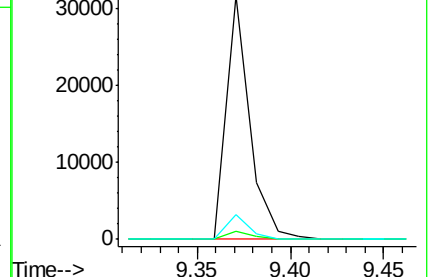
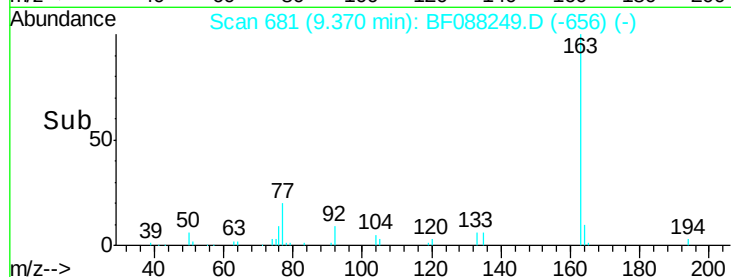
164 10.0 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 0.39 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

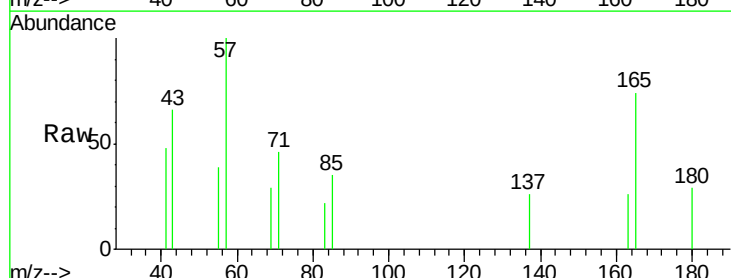
Tgt Ion:165 Resp: 985

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

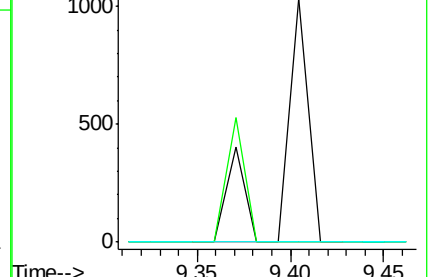
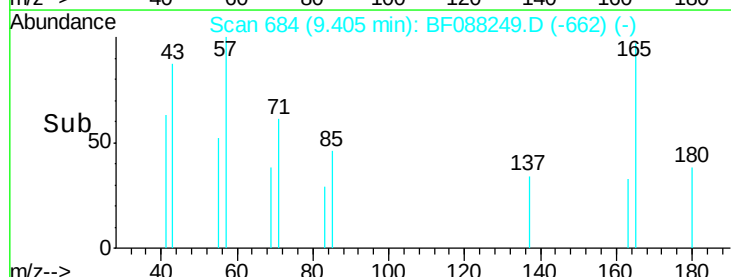
89 0.0 32.2 48.2#

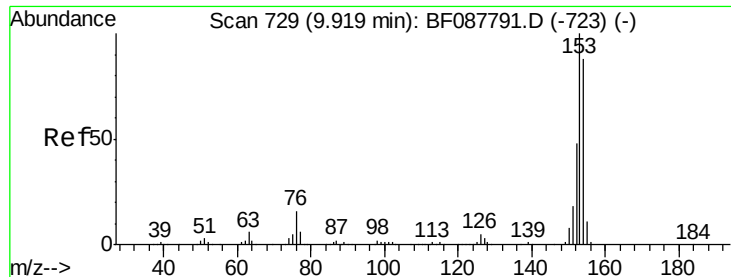


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.04 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

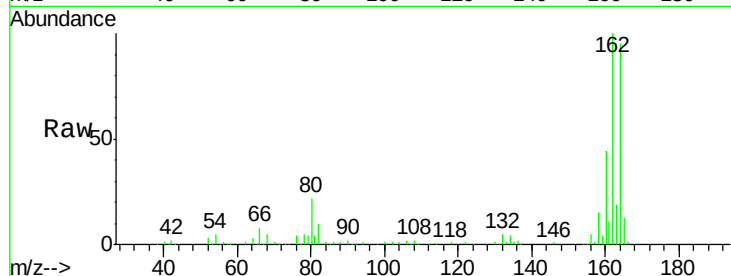
Tgt Ion:154 Resp: 398

Ion Ratio Lower Upper

154 100

153 0.0 89.5 134.3#

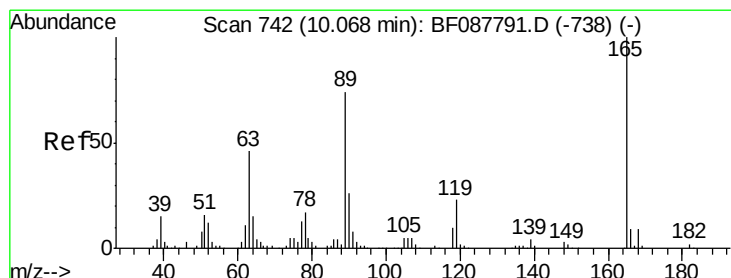
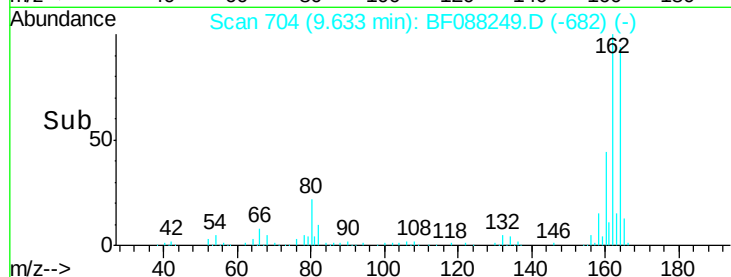
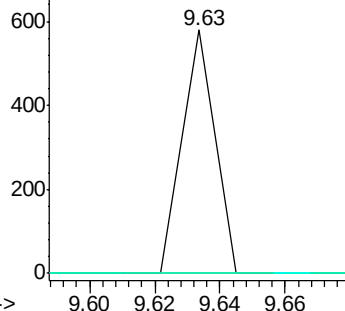
152 0.0 42.7 64.1#



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



#56

2,4-Dinitrotoluene

Concen: 6.06 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.22 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Tgt Ion:165 Resp: 19528

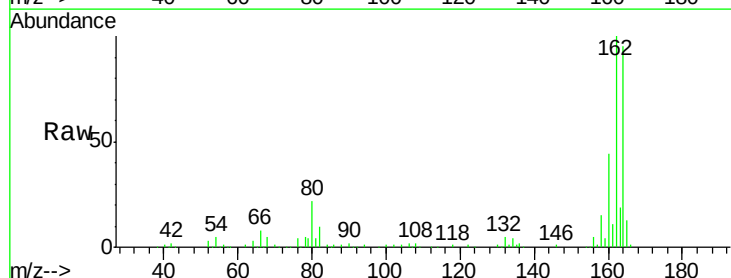
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

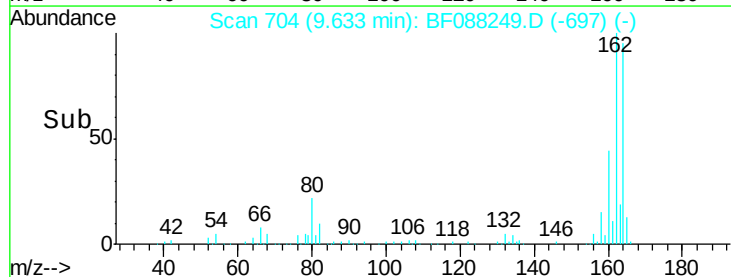
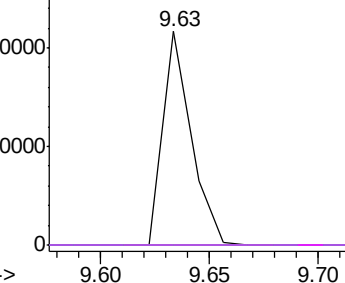


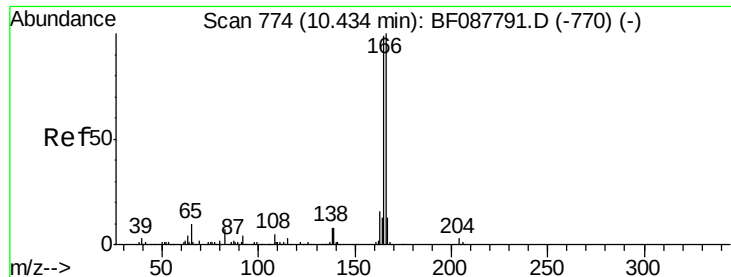
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: Below Cal

RT: 10.42 min Scan# 773

Delta R.T. 0.23 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

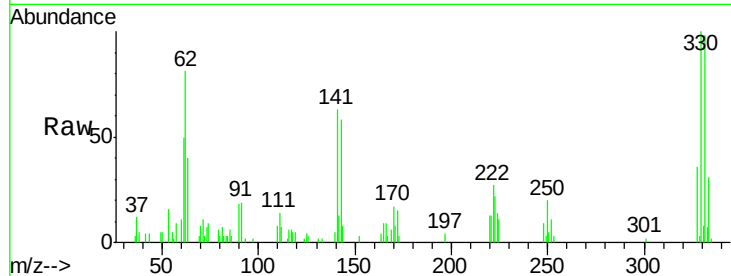
Tgt Ion:166 Resp: 1189

Ion Ratio Lower Upper

166 100

165 101.3 77.8 116.8

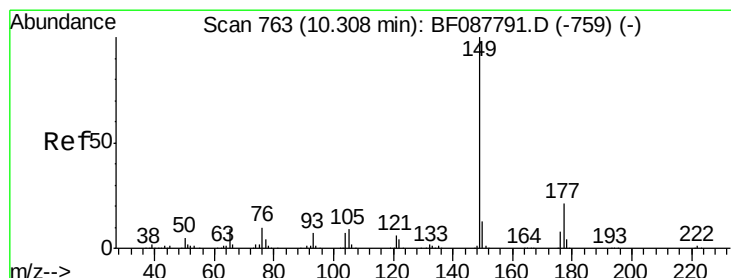
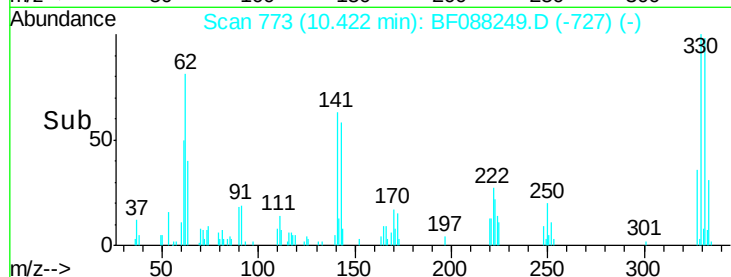
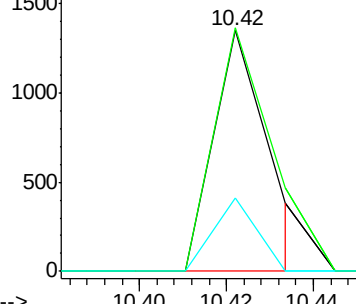
167 30.7 11.2 16.8#



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



#59

Diethylphthalate

Concen: 0.15 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

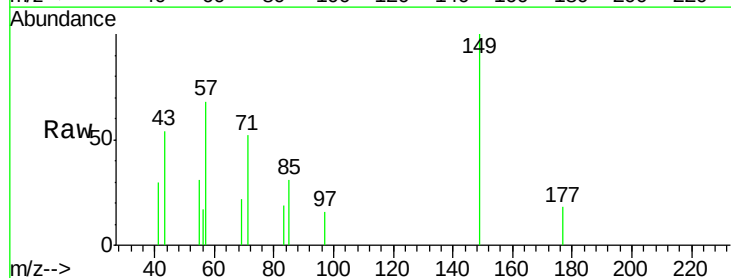
Tgt Ion:149 Resp: 1691

Ion Ratio Lower Upper

149 100

177 17.7 16.9 25.3

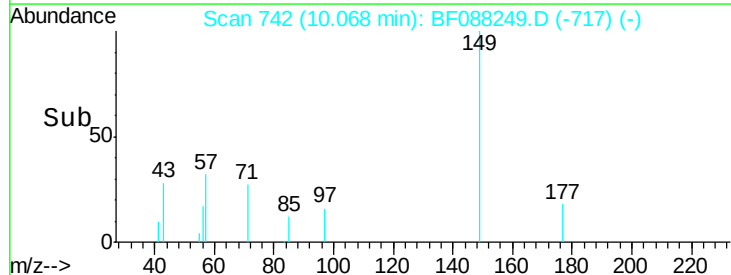
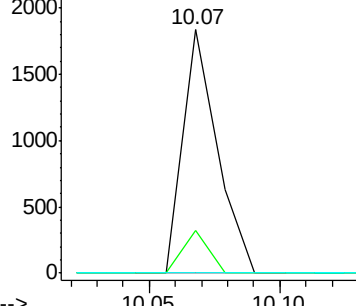
150 0.0 10.1 15.1#

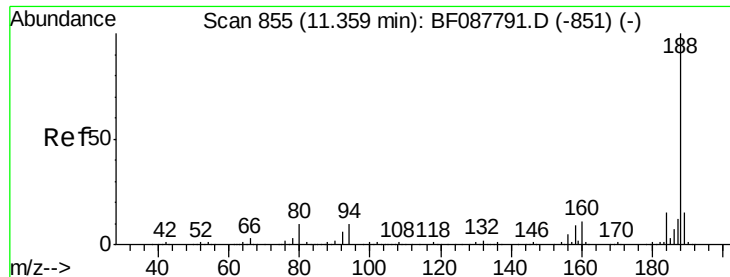


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

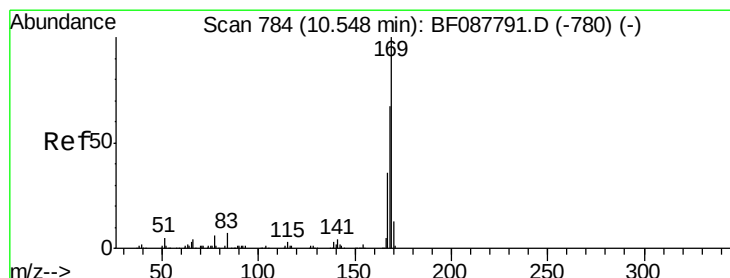
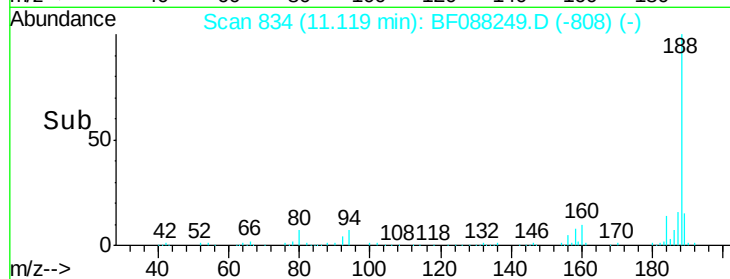
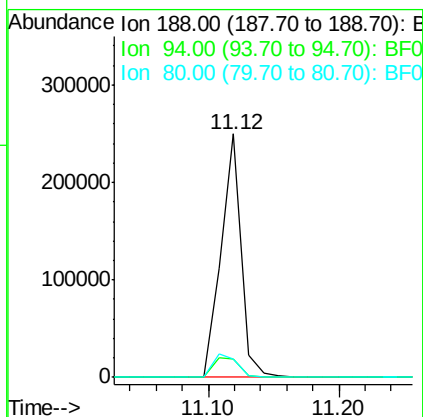
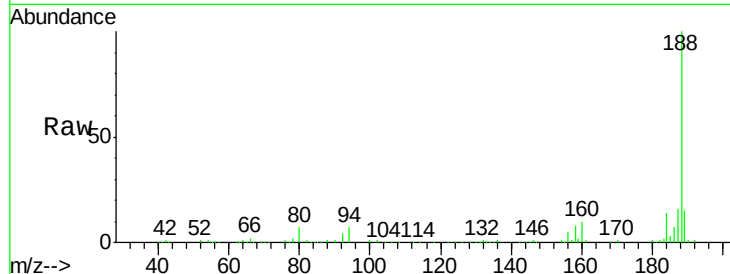




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

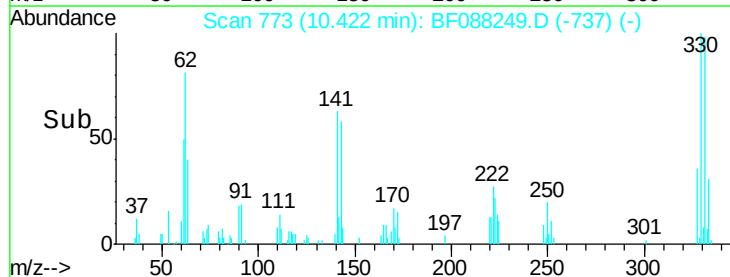
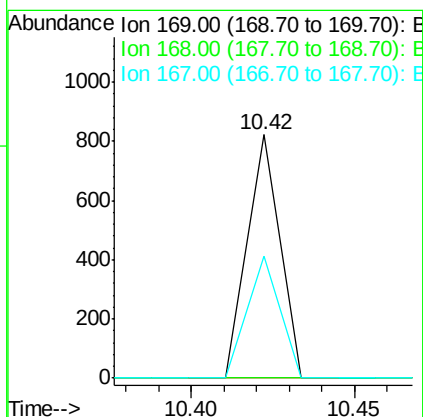
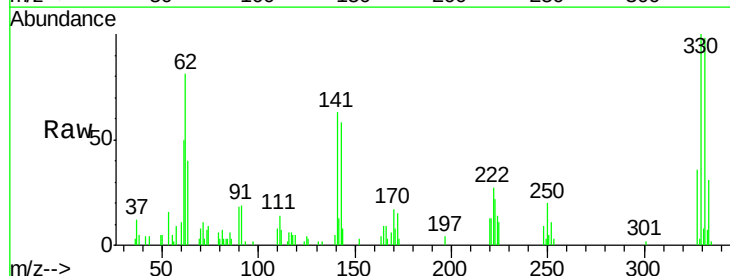
Instrument :
BNA_F
ClientSampleId :
1605184354

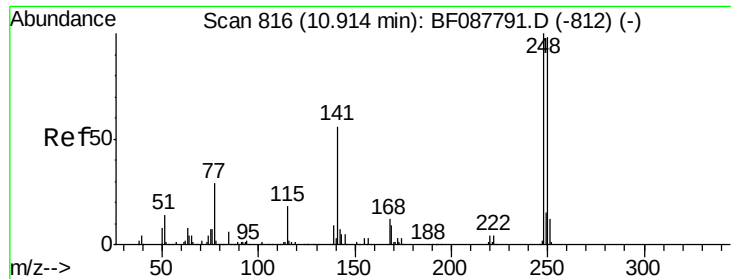
Tgt Ion:188 Resp: 270372
Ion Ratio Lower Upper
188 100
94 7.4 9.0 13.6#
80 7.3 10.0 15.0#



#65
n-Nitrosodiphenylamine
Concen: 0.06 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.11 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

Tgt Ion:169 Resp: 565
Ion Ratio Lower Upper
169 100
168 0.0 53.4 80.0#
167 50.3 29.4 44.0#

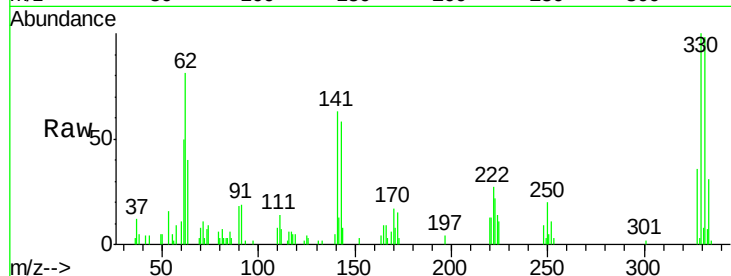




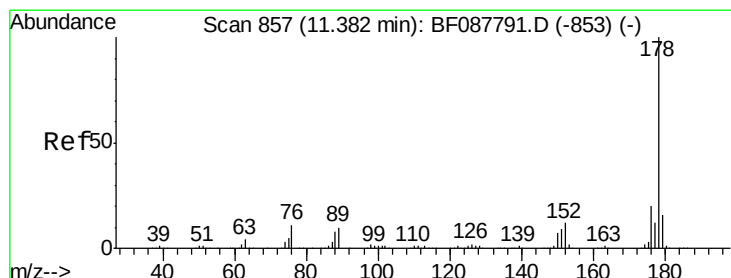
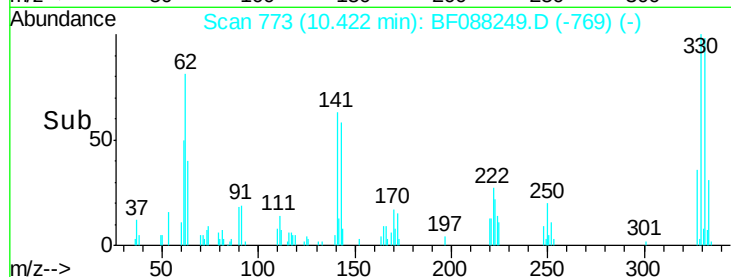
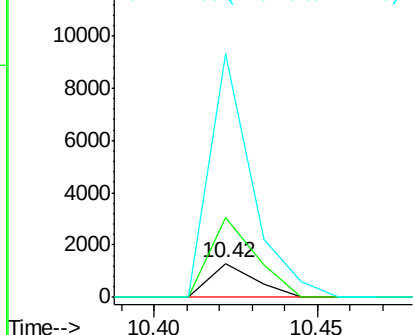
#66
4-Bromophenyl-phenylether
Concen: 0.43 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

Instrument :
BNA_F
ClientSampleId :
1605184354

Tgt Ion:248 Resp: 1248
Ion Ratio Lower Upper
248 100
250 234.4 77.1 115.7#
141 721.1 50.6 76.0#

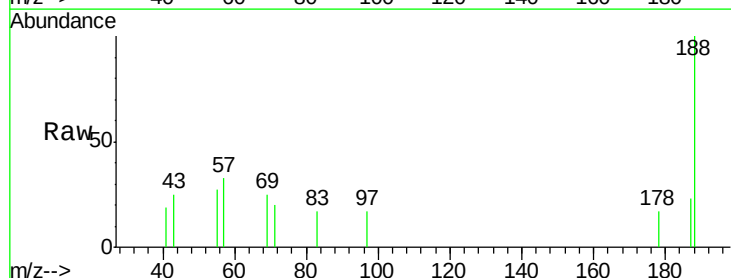


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

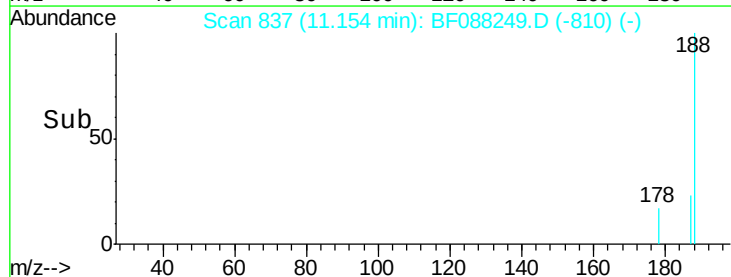
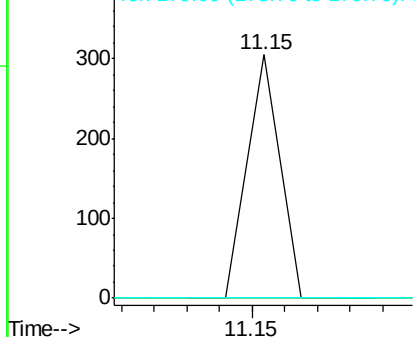


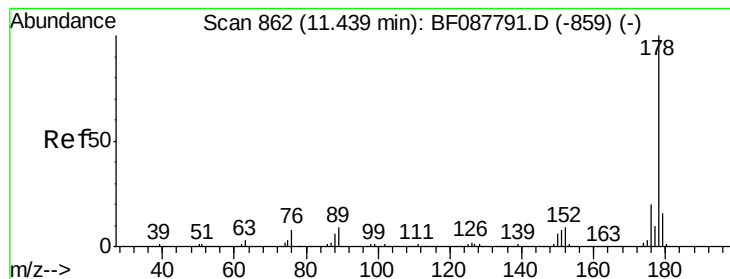
#70
Phenanthrene
Concen: 0.01 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

Tgt Ion:178 Resp: 209
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 13.0 19.4#



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: 0.01 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

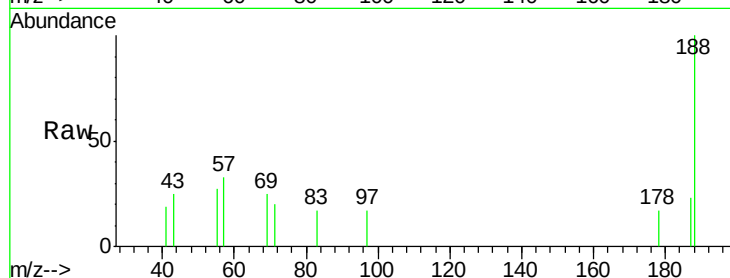
Tgt Ion:178 Resp: 209

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

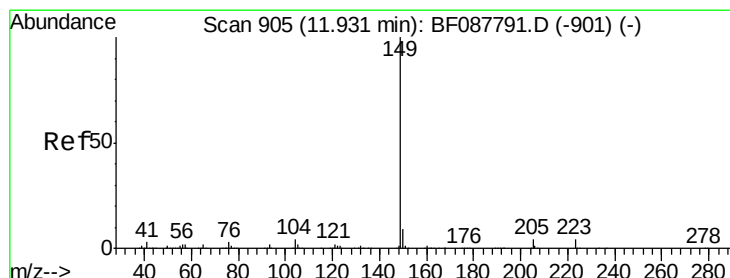
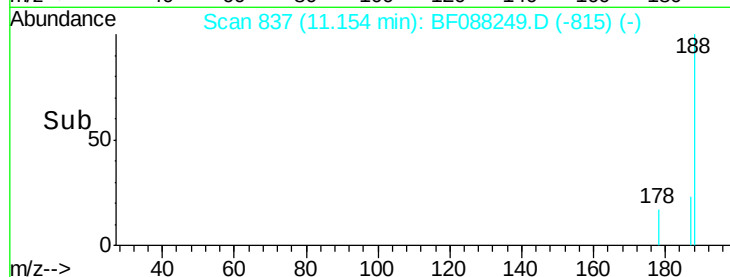
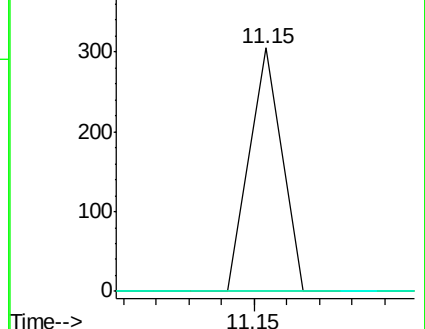
179 0.0 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 0.34 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

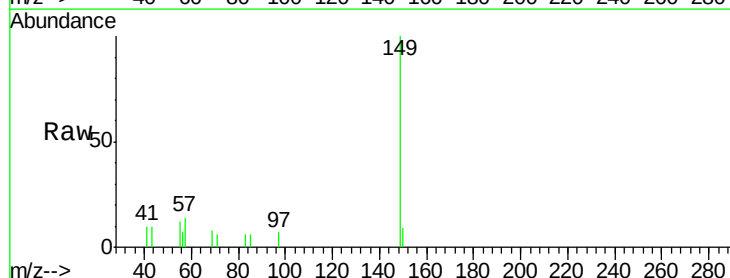
Tgt Ion:149 Resp: 5707

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

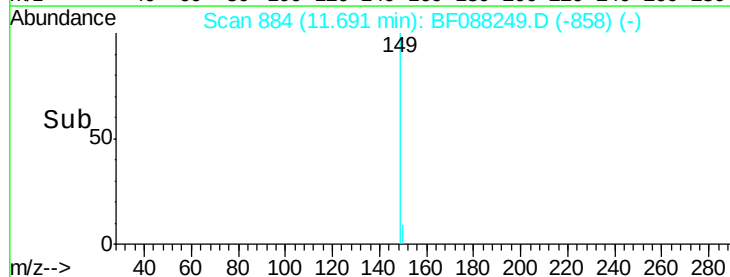
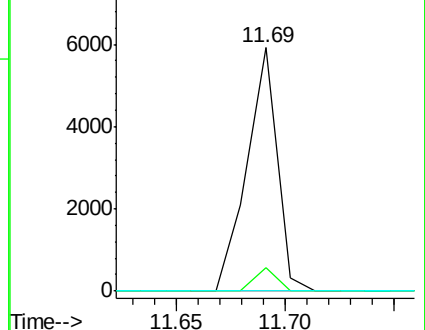
104 0.0 4.0 6.0#

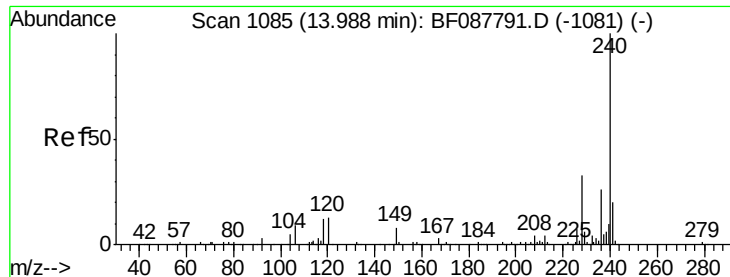


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

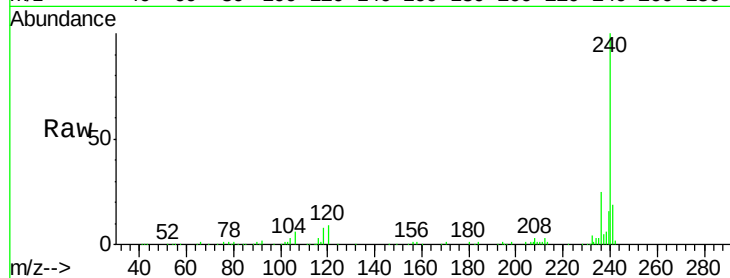
Tgt Ion:240 Resp: 236171

Ion Ratio Lower Upper

240 100

120 9.4 6.8 10.2

236 25.4 20.2 30.2



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

200000

150000

100000

50000

0

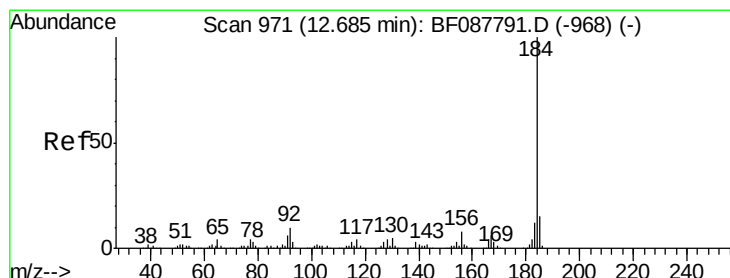
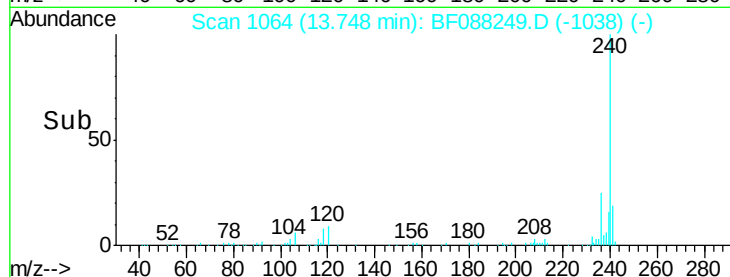
13.75

13.70

13.80

13.90

Time-->



#76

Benzidine

Concen: 0.22 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.24 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

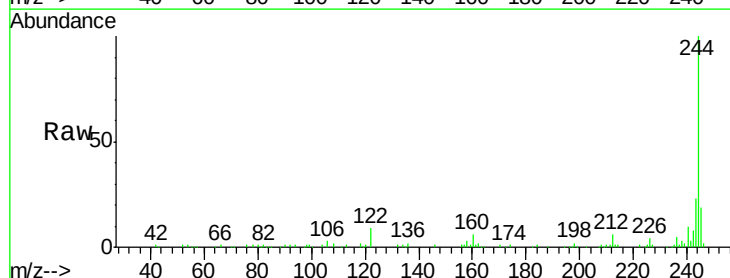
Tgt Ion:184 Resp: 1446

Ion Ratio Lower Upper

184 100

185 0.0 12.5 18.7#

183 0.0 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

1500

1000

500

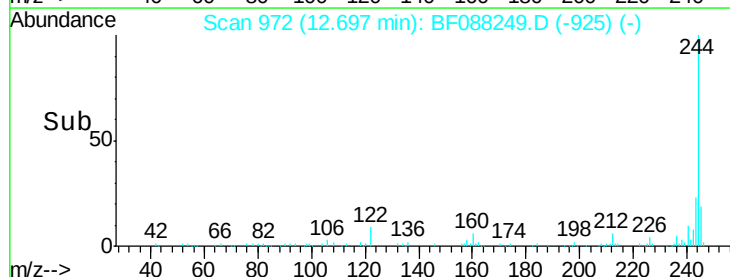
0

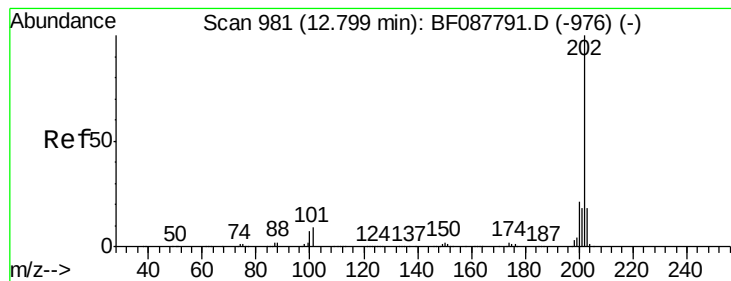
12.70

12.65

12.70

Time-->





#77

Pyrene

Concen: 0.02 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.15 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

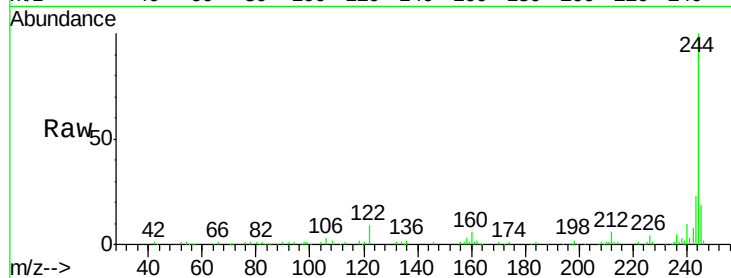
Tgt Ion:202 Resp: 268

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

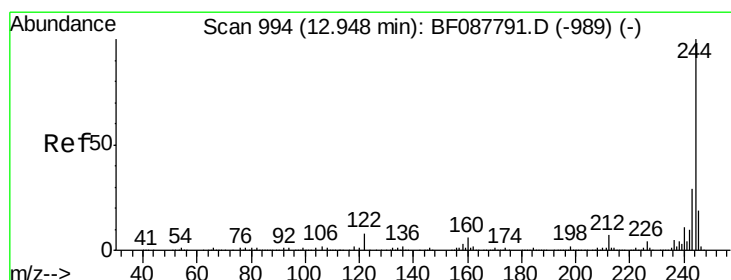
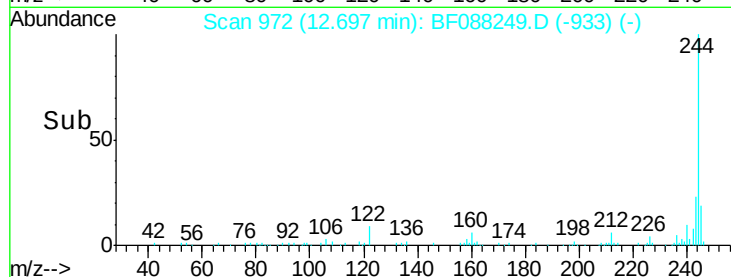
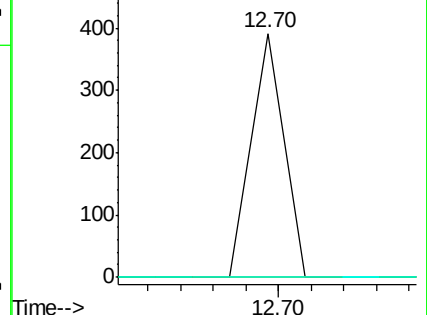
203 0.0 14.5 21.7#



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: 10.66 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

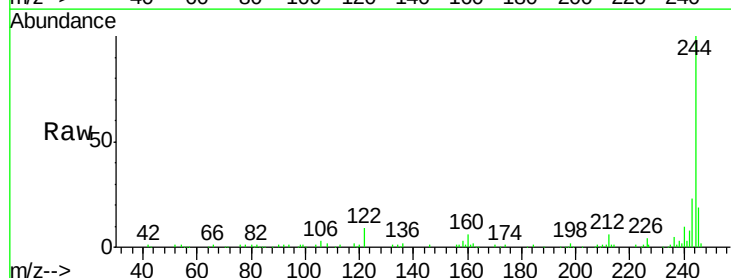
Tgt Ion:244 Resp: 110640

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

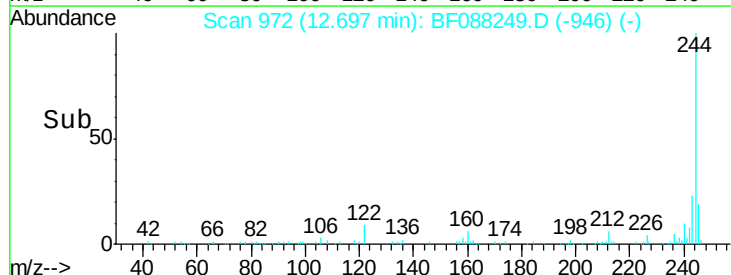
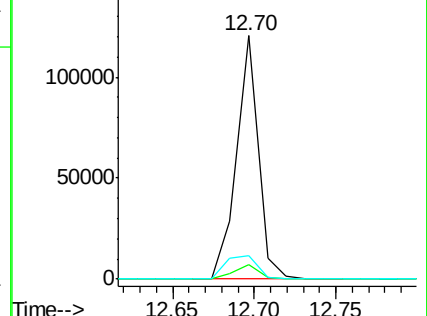
122 9.4 11.2 16.8#

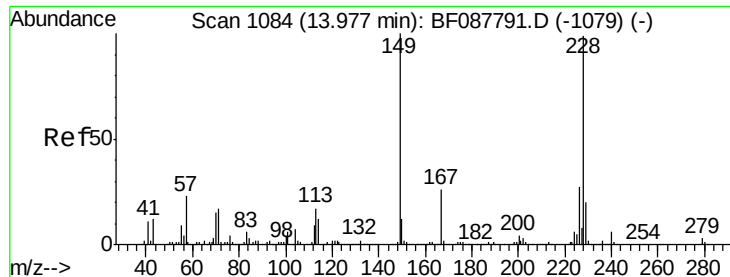


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

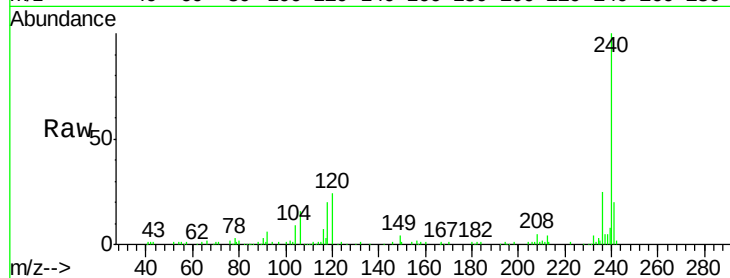
Tgt Ion:228 Resp: 752

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

229 0.0 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

13.74

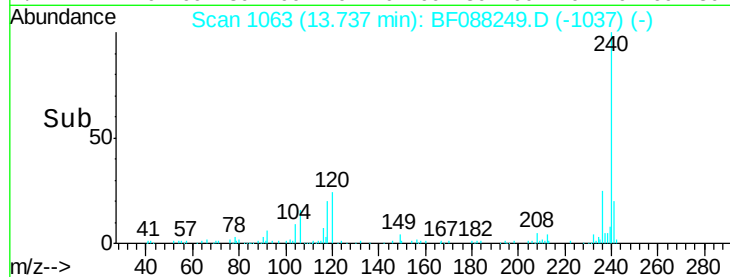
600

400

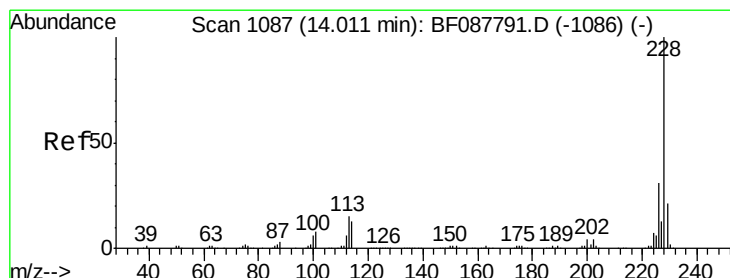
200

0

13.70 13.75



Time-->



#82

Chrysene

Concen: 0.06 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.03 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

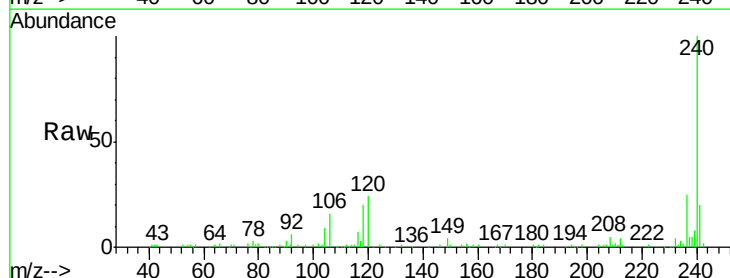
Tgt Ion:228 Resp: 752

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.2#

229 0.0 16.3 24.5#



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

13.74

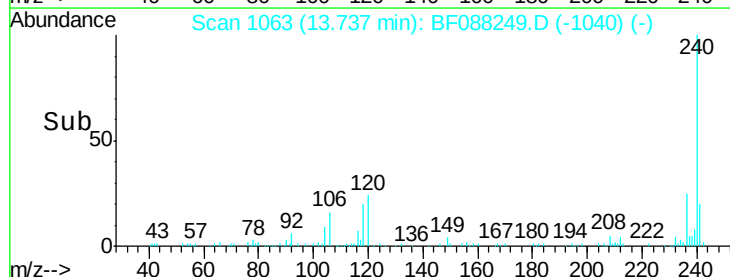
600

400

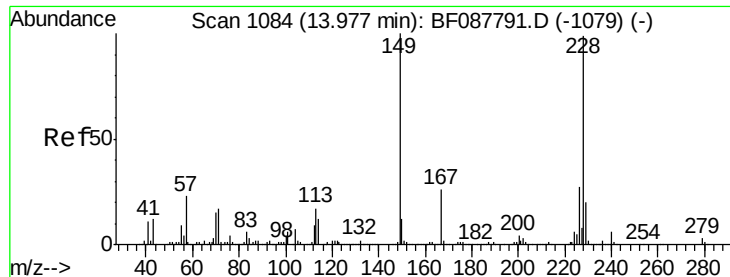
200

0

13.70 13.75



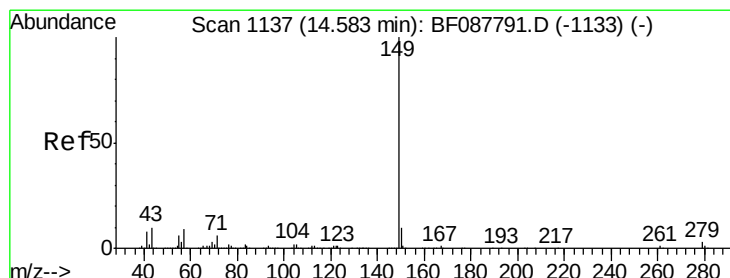
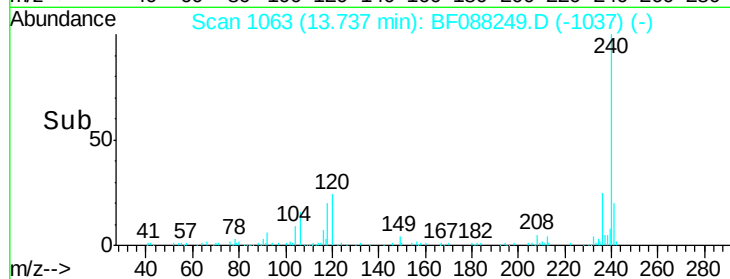
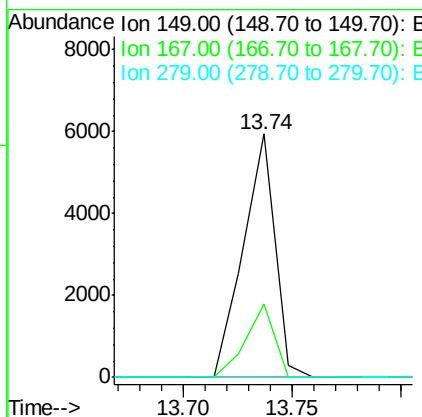
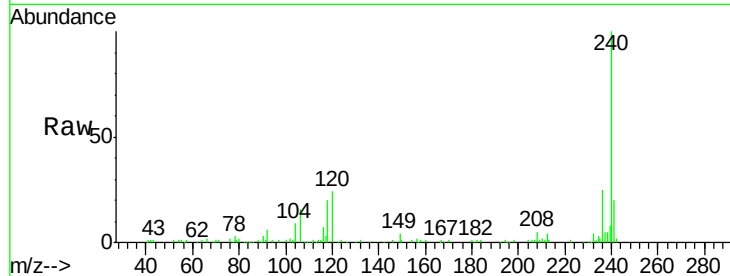
Time-->



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.64 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

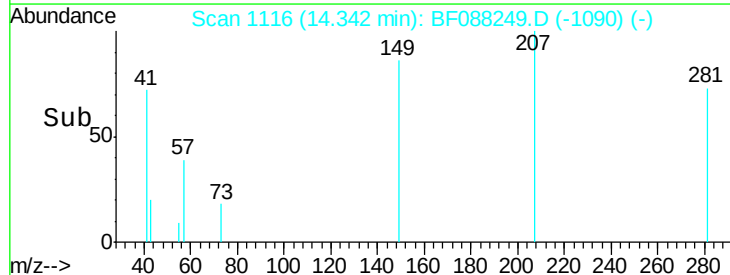
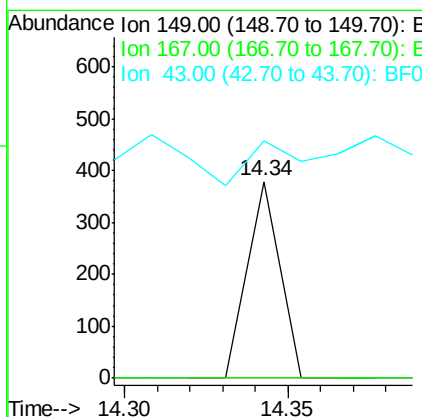
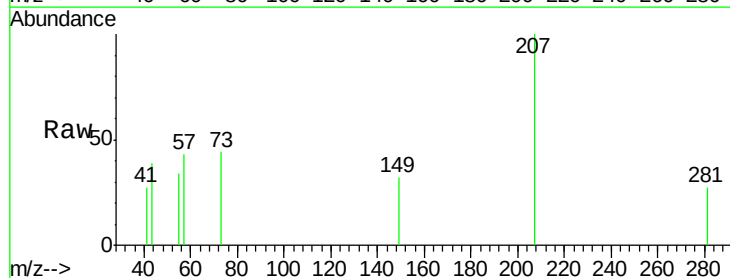
Instrument :
 BNA_F
 ClientSampleId :
 1605184354

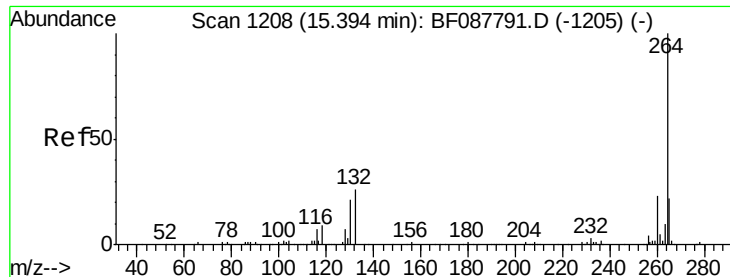
Tgt Ion:149 Resp: 6033
 Ion Ratio Lower Upper
 149 100
 167 30.2 20.5 30.7
 279 0.0 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 0.02 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

Tgt Ion:149 Resp: 260
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 43 0.0 0.0 0.0



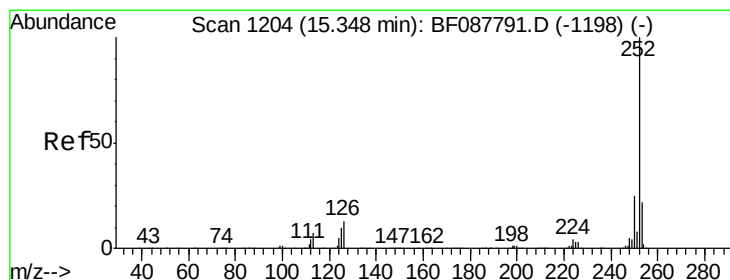
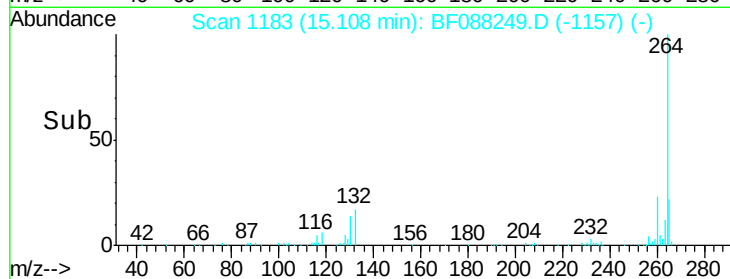
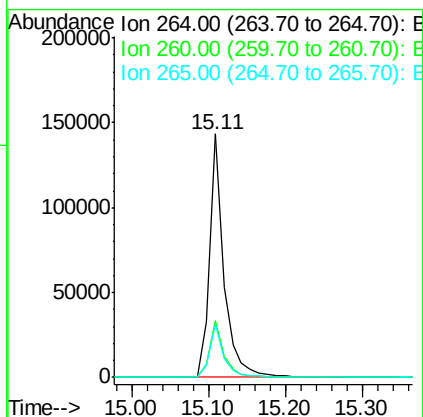
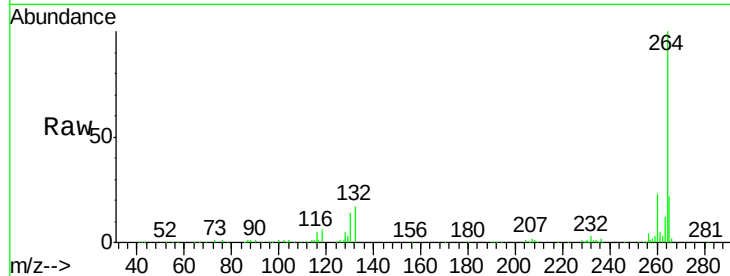


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

Instrument :
BNA_F
ClientSampleId :
1605184354

Tgt Ion: 264 Resp: 186189

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	16.9	25.3



#89
Benzo(a)pyrene
Concen: 0.03 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.06 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

Tgt Ion: 252 Resp: 323

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	12.5	18.7#

