

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062216\
 Data File : BF088248.D
 Acq On : 22 Jun 2016 14:29
 Operator : UM/SJ
 Sample : H3682-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4.5-5.0)

Quant Time: Jun 22 15:13:17 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	70216	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	303306	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	143682	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	262922	20.00	ng	0.00
75) Chrysene-d12	13.75	240	231972	20.00	ng	0.00
86) Perylene-d12	15.11	264	181960	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	643288	156.62	ng	0.01
7) Phenol-d6	6.26	99	738187	148.30	ng	0.00
23) Nitrobenzene-d5	7.18	82	493129	94.94	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	193974	127.86	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	857854	94.40	ng	0.00
78) Terphenyl-d14	12.70	244	725434	71.16	ng	0.00

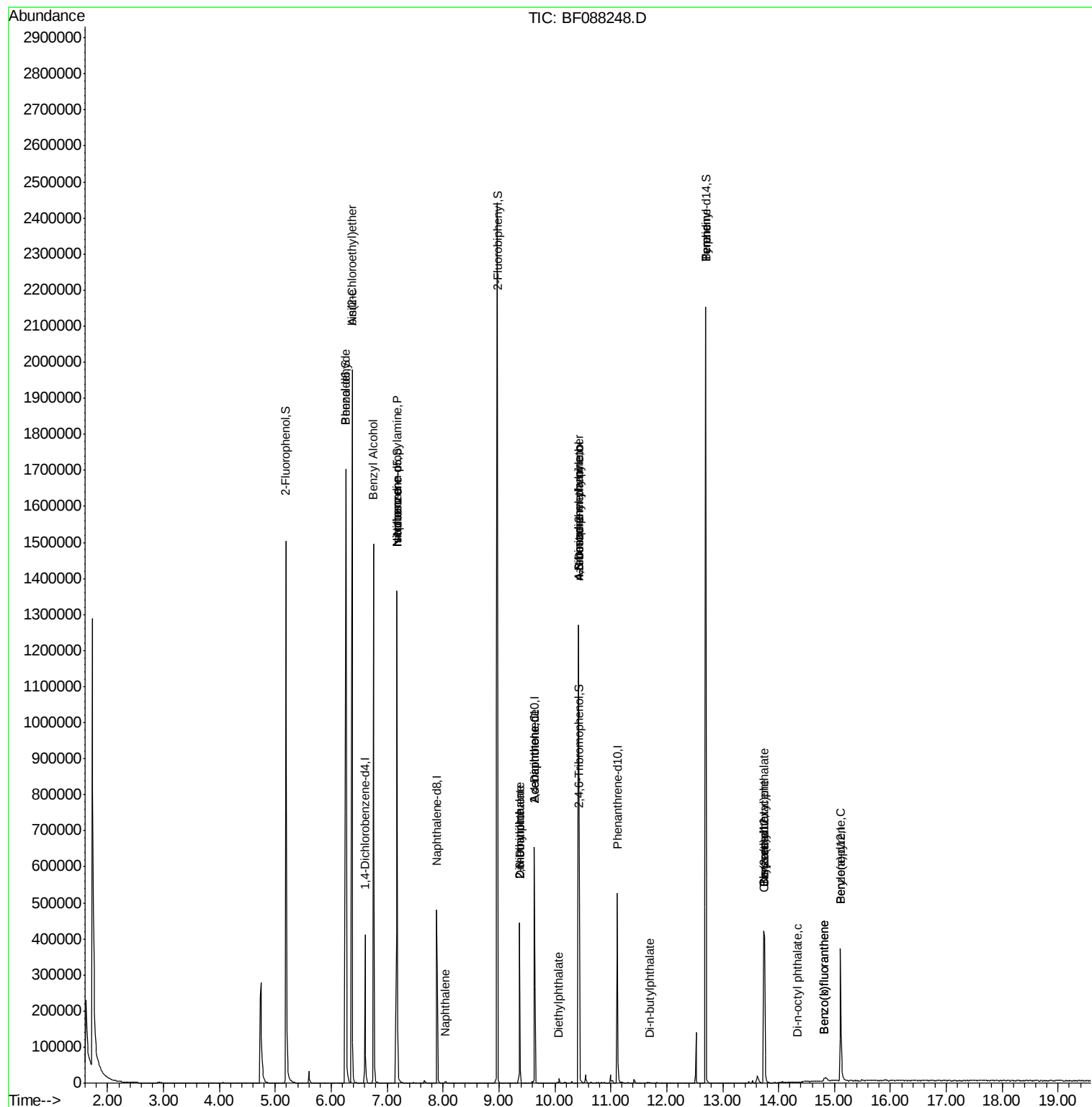
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.38	93	870	0.12	ng	# 1
9) Benzaldehyde	6.26	77	838	0.87	ng	# 1
10) Phenol	6.27	94	6229	Below Cal		# 28
11) bis(2-Chloroethyl)ether	6.38	93	870	0.20	ng	# 1
15) Benzyl Alcohol	6.75	79	6837	1.76	ng	# 50
19) n-Nitroso-di-n-propylamine	7.18	70	64630	20.30	ng	# 70
24) Nitrobenzene	7.18	77	1286	0.26	ng	# 30
25) Isophorone	7.18	82	493119	51.25	ng	# 65
31) Naphthalene	8.04	128	342	0.02	ng	# 1
45) 1,1'-Biphenyl	8.97	154	1674	Below Cal		# 1
47) 2-Nitroaniline	9.37	65	1194	0.44	ng	# 1
49) Dimethylphthalate	9.37	163	176835	16.99	ng	# 99
50) 2,6-Dinitrotoluene	9.37	165	1726	0.72	ng	# 7
51) Acenaphthene	9.63	154	355	0.04	ng	# 5
56) 2,4-Dinitrotoluene	9.63	165	18146	5.92	ng	# 36
57) Fluorene	10.42	166	8267	Below Cal		# 90
59) Diethylphthalate	10.07	149	759	0.07	ng	# 60
62) Azobenzene	10.42	77	698	0.07	ng	# 11
64) 4,6-Dinitro-2-methylphenol	10.42	198	319	2.35	ng	# 1
65) n-Nitrosodiphenylamine	10.42	169	5825	0.67	ng	# 46
66) 4-Bromophenyl-phenylether	10.42	248	11294	4.00	ng	# 1
73) Di-n-butylphthalate	11.69	149	1988	0.12	ng	# 77
76) Benzidine	12.70	184	10424	1.62	ng	# 98
77) Pyrene	12.70	202	2450	0.14	ng	# 65
80) Benzo(a)anthracene	13.74	228	883	0.07	ng	# 51
82) Chrysene	13.74	228	883	0.07	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.74	149	1096	0.12	ng	# 77
84) Di-n-octyl phthalate	14.34	149	227	0.02	ng	# 100
87) Benzo(b)fluoranthene	14.81	252	230	0.02	ng	# 60
88) Benzo(k)fluoranthene	14.81	252	230	0.02	ng	# 58
89) Benzo(a)pyrene	15.11	252	315	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: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

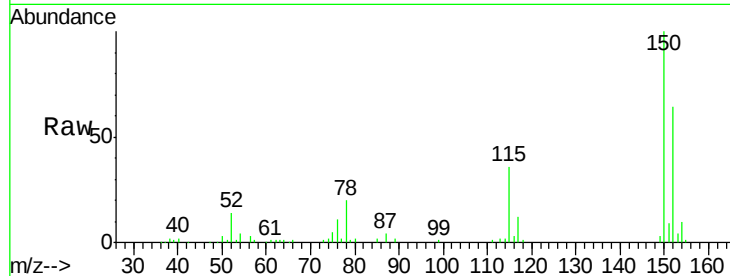
Tgt Ion:152 Resp: 70216

Ion Ratio Lower Upper

152 100

150 156.1 123.8 185.6

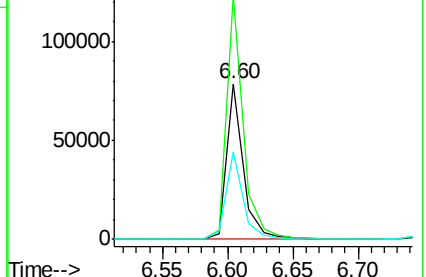
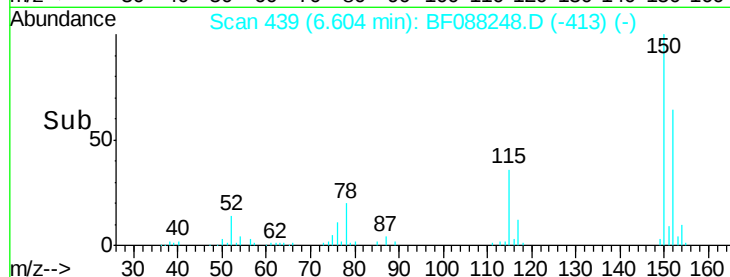
115 56.1 39.6 59.4



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: 156.62 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

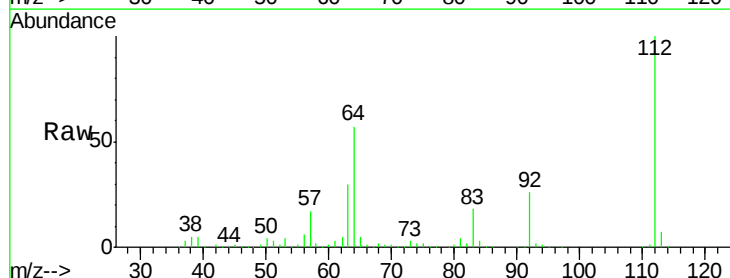
Tgt Ion:112 Resp: 643288

Ion Ratio Lower Upper

112 100

64 57.1 42.2 63.2

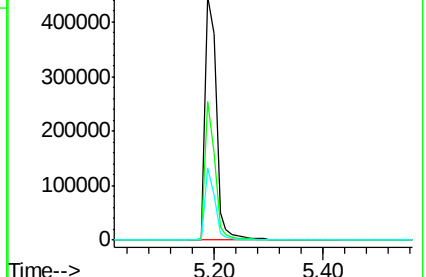
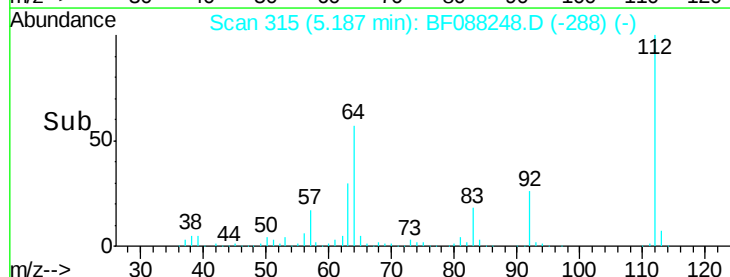
63 29.7 21.8 32.8

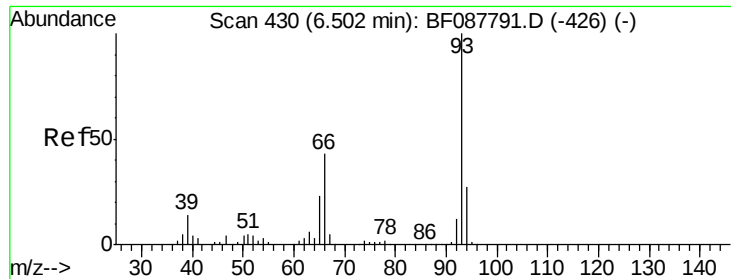


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.12 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.10 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

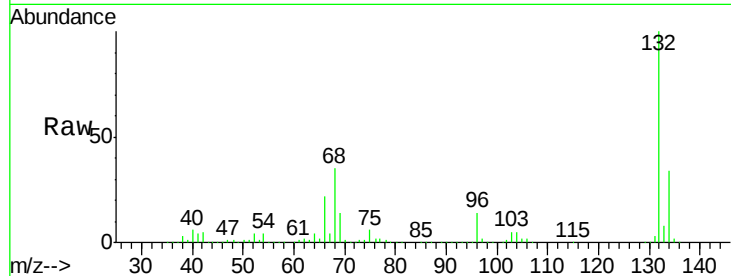
Tgt Ion: 93 Resp: 870

Ion Ratio Lower Upper

93 100

66 17084.8 29.8 44.8#

65 1435.6 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

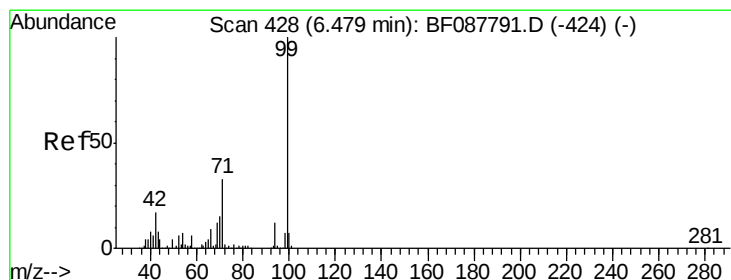
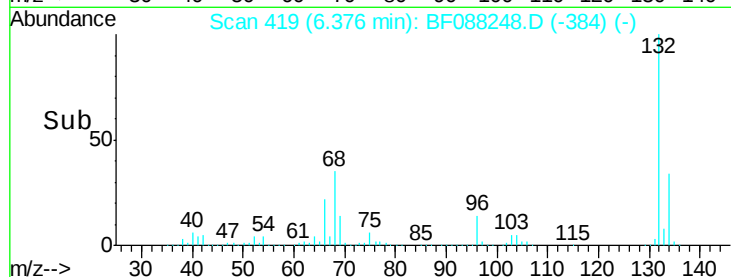
150000

100000

50000

0

Time-->



#7

Phenol-d6

Concen: 148.30 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

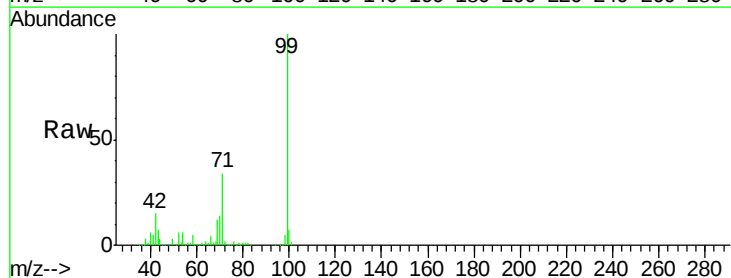
Tgt Ion: 99 Resp: 738187

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 34.4 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

800000

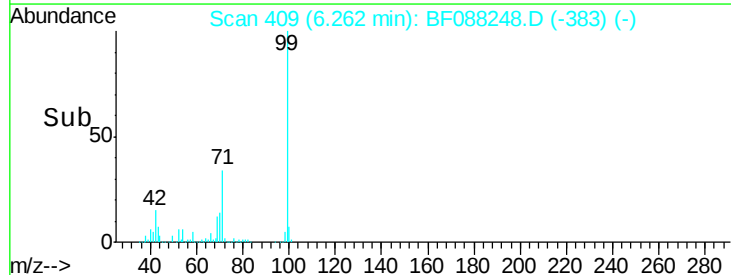
600000

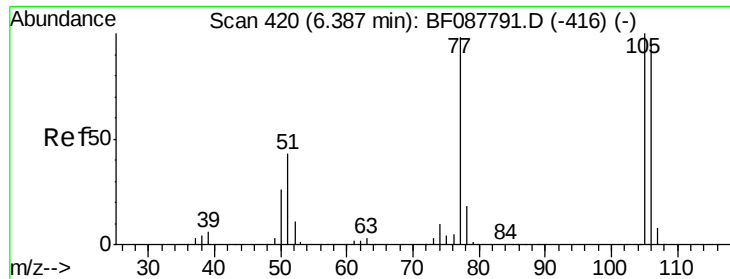
400000

200000

0

Time-->





#9

Benzaldehyde

Concen: 0.87 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.11 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

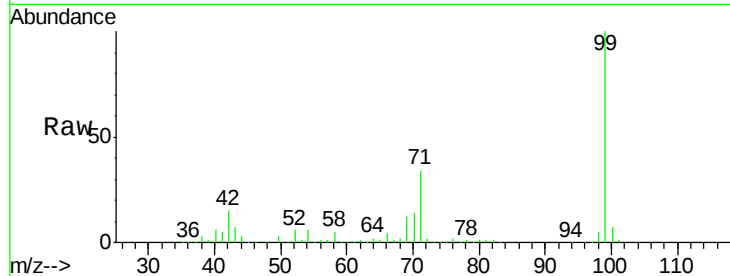
Tgt Ion: 77 Resp: 838

Ion Ratio Lower Upper

77 100

105 0.0 90.6 130.6#

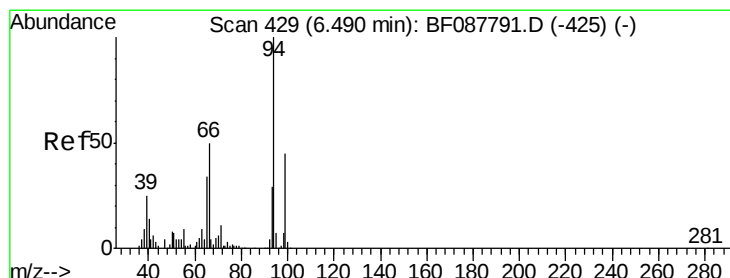
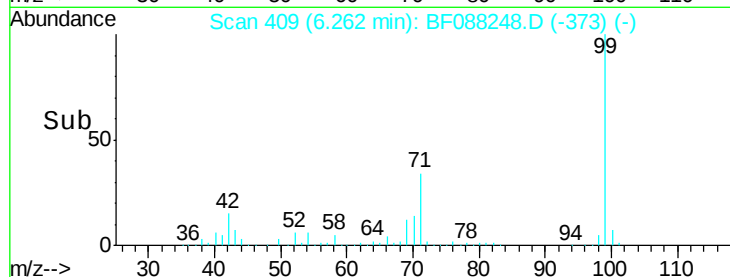
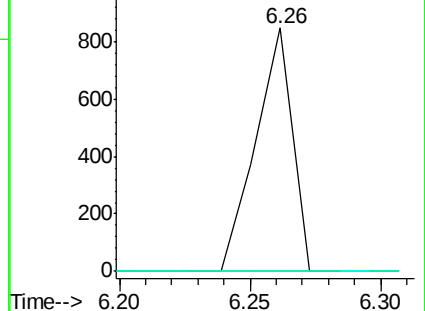
106 0.0 85.3 125.3#



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



#10

Phenol

Concen: Below Cal

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

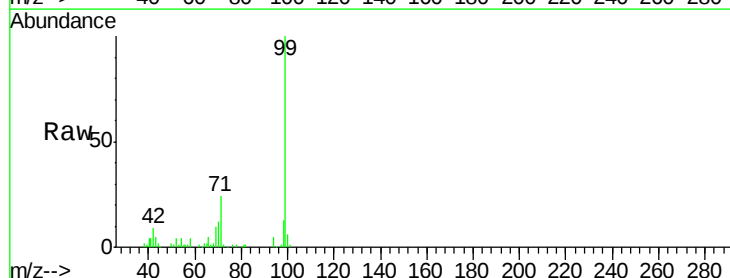
Tgt Ion: 94 Resp: 6229

Ion Ratio Lower Upper

94 100

65 39.1 5.9 45.9

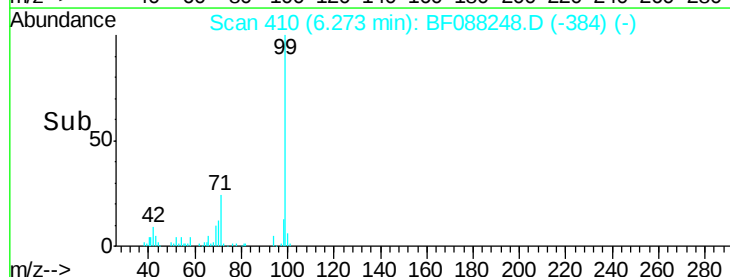
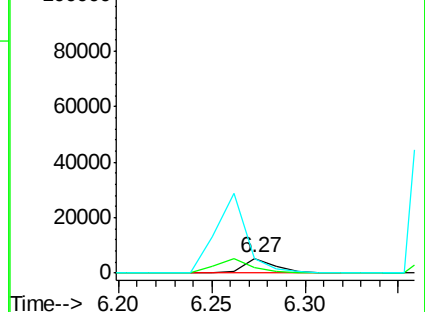
66 95.1 14.0 54.0#

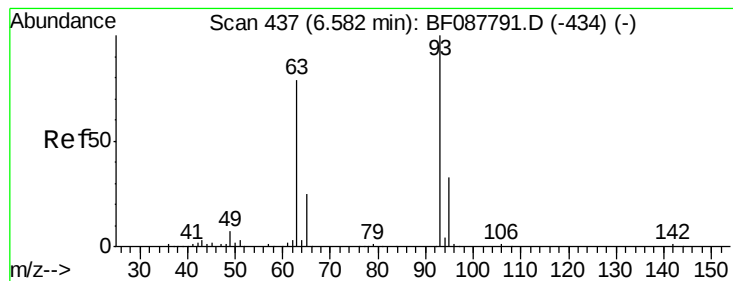


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

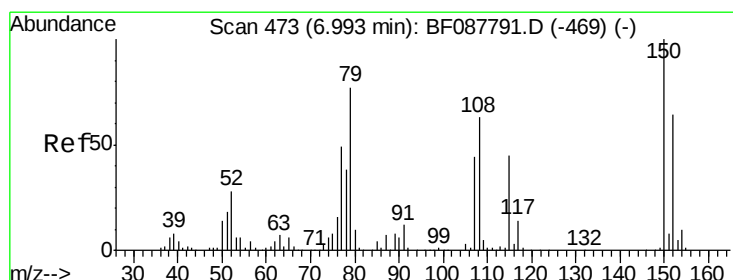
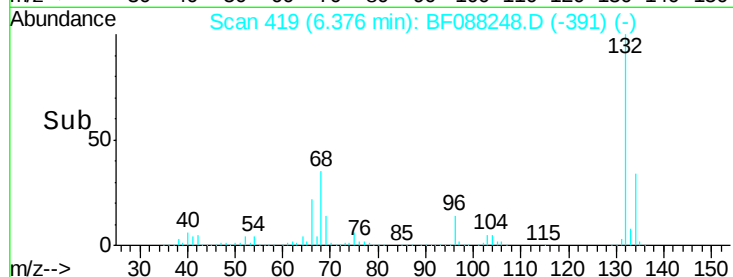
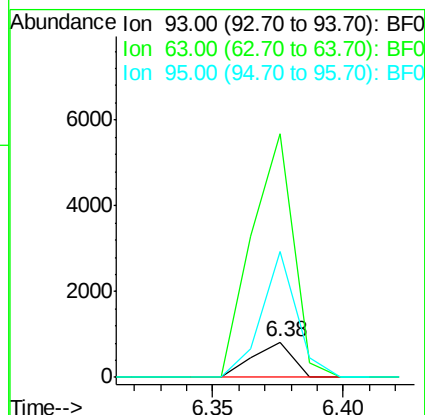
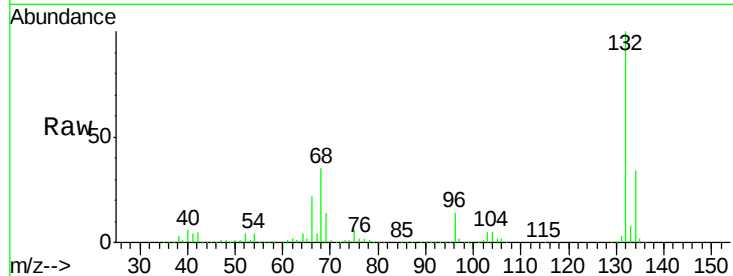




#11
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.02 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

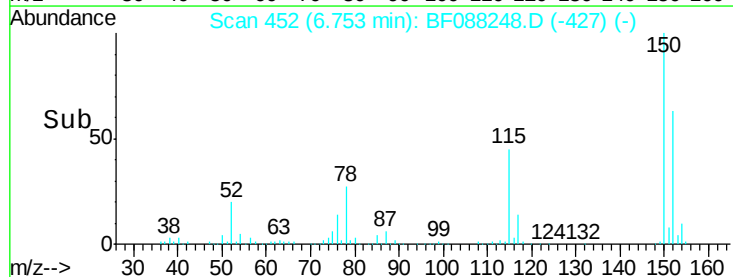
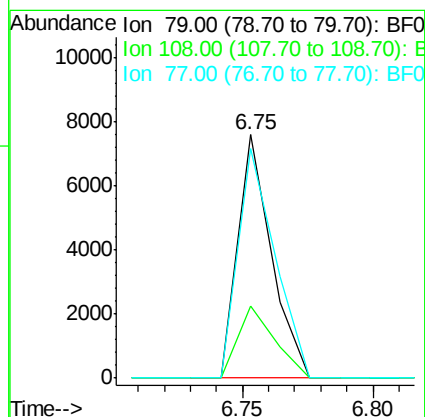
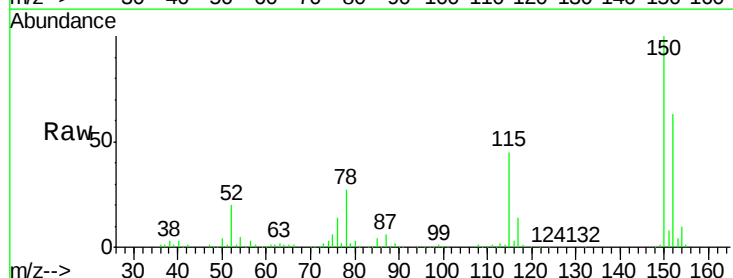
Instrument :
BNA_F
ClientSampleId :
SB-4(4.5-5.0)

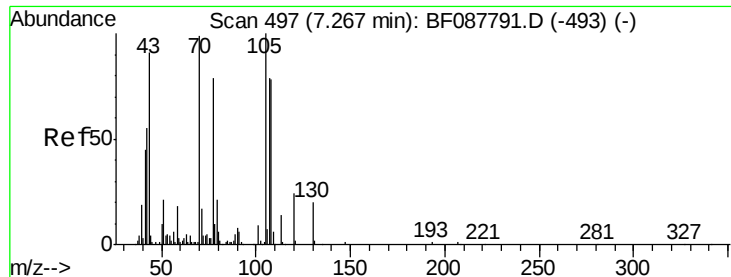
Tgt Ion: 93 Resp: 870
Ion Ratio Lower Upper
93 100
63 689.8 67.6 107.6#
95 355.9 12.5 52.5#



#15
Benzyl Alcohol
Concen: 1.76 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

Tgt Ion: 79 Resp: 6837
Ion Ratio Lower Upper
79 100
108 29.7 65.0 97.6#
77 94.4 50.3 75.5#

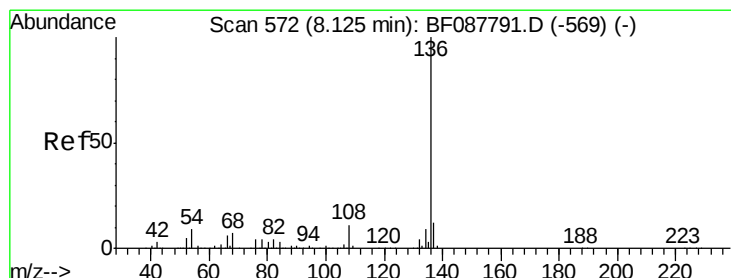
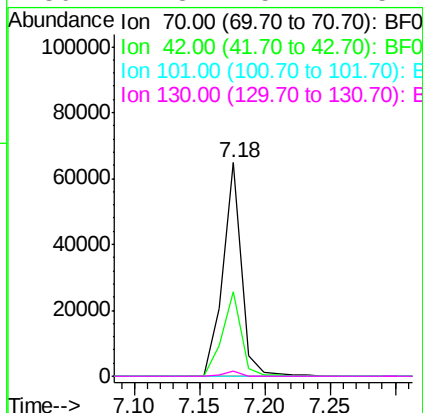
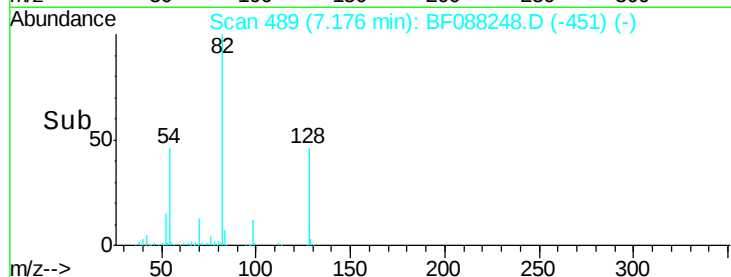
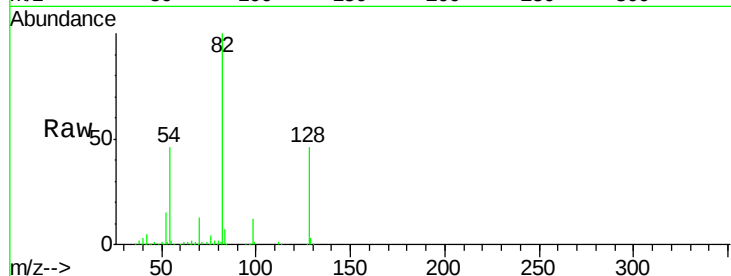




#19
n-Nitroso-di-n-propylamine
Concen: 20.30 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

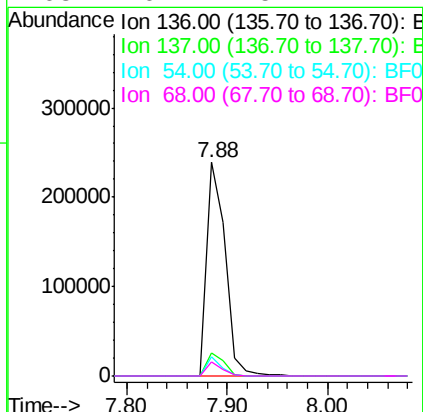
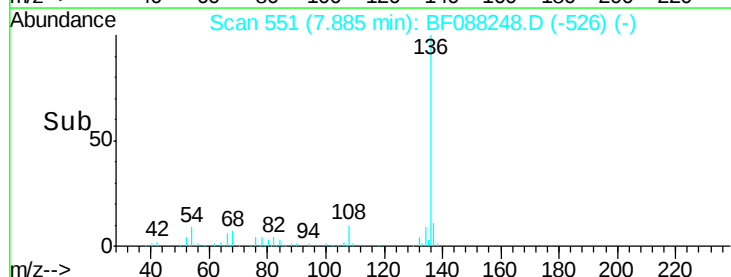
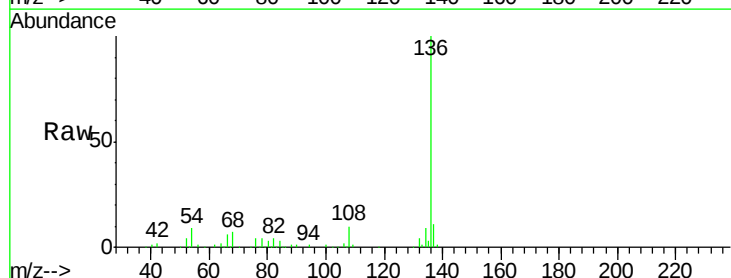
Instrument :
BNA_F
ClientSampleId :
SB-4(4.5-5.0)

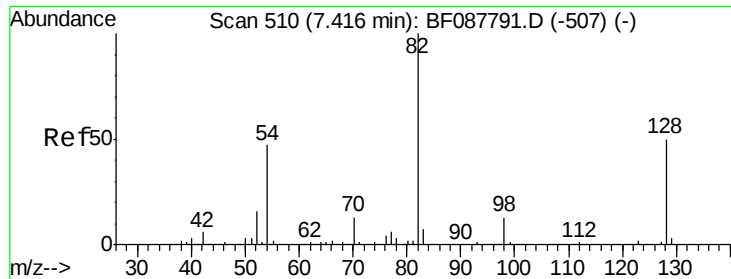
Tgt Ion: 70 Resp: 64630
Ion Ratio Lower Upper
70 100
42 39.9 49.6 74.4#
101 0.0 7.1 10.7#
130 2.3 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

Tgt Ion: 136 Resp: 303306
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.8 6.6 10.0
68 6.7 5.1 7.7

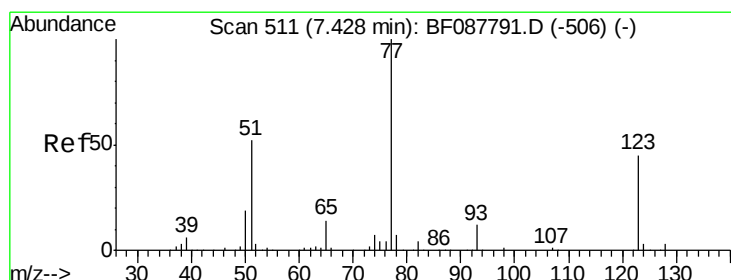
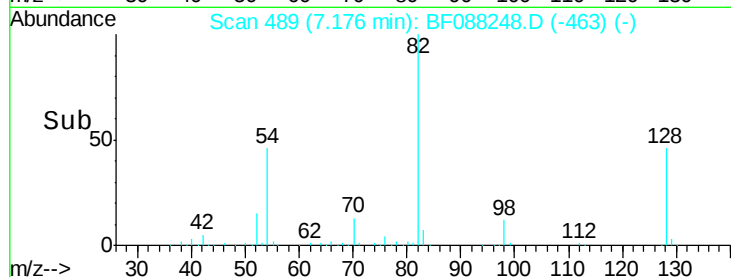
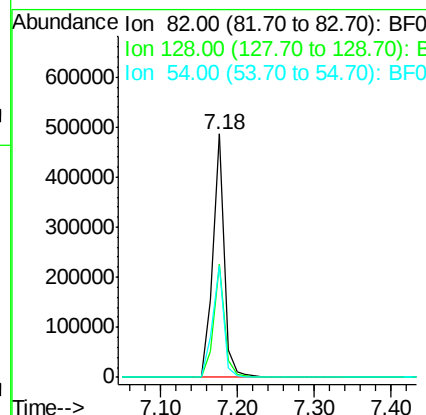
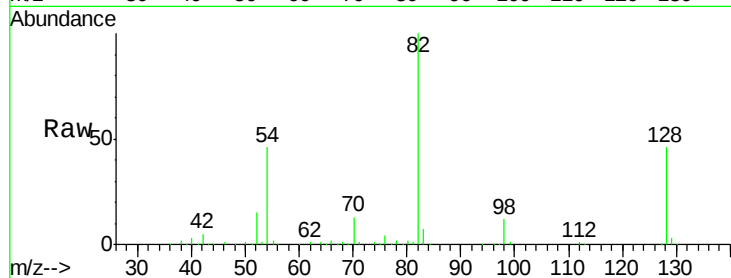




#23
 Nitrobenzene-d5
 Concen: 94.94 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088248.D
 Acq: 22 Jun 2016 14:29

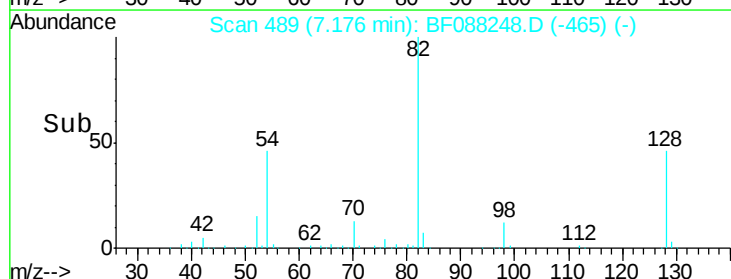
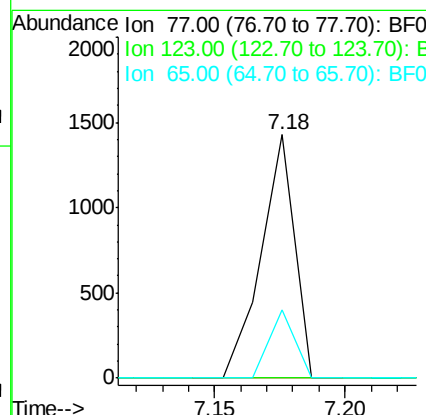
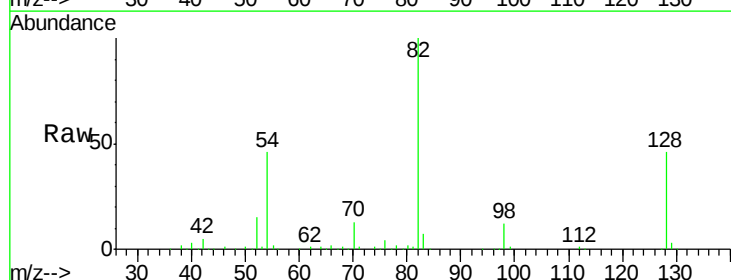
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4.5-5.0)

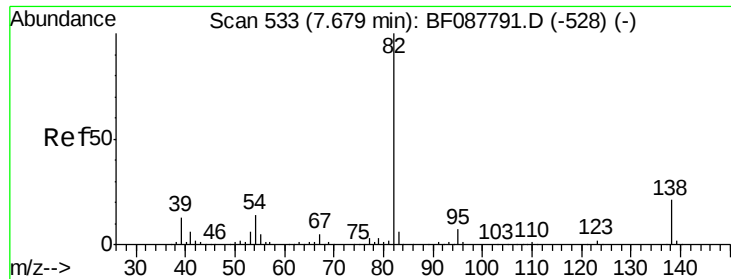
Tgt Ion: 82 Resp: 493129
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.9 53.9
 54 45.9 40.9 61.3



#24
 Nitrobenzene
 Concen: 0.26 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF088248.D
 Acq: 22 Jun 2016 14:29

Tgt Ion: 77 Resp: 1286
 Ion Ratio Lower Upper
 77 100
 123 0.0 45.0 67.4#
 65 27.9 10.2 15.2#





#25

Isophorone

Concen: 51.25 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.26 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

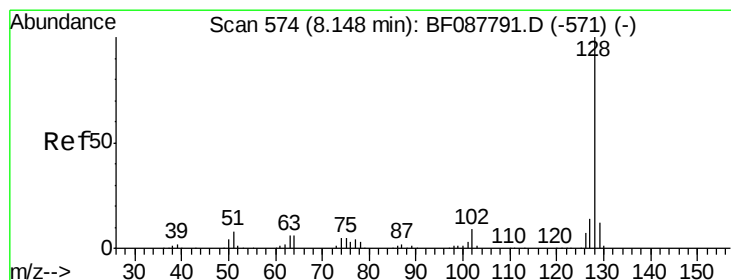
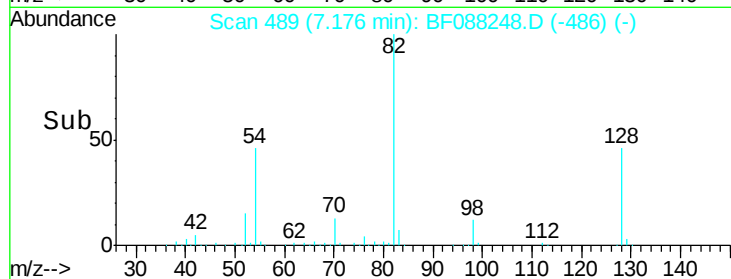
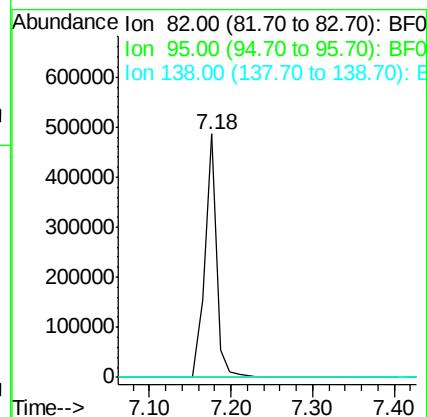
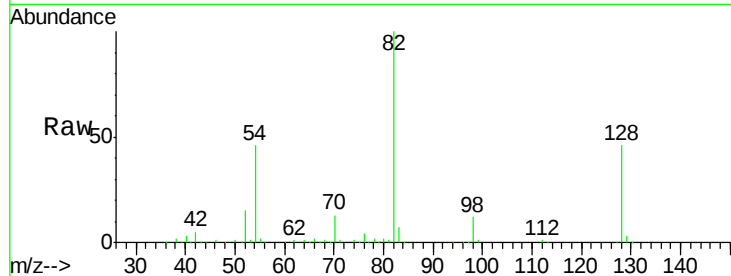
Tgt Ion: 82 Resp: 493119

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#31

Naphthalene

Concen: 0.02 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.13 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

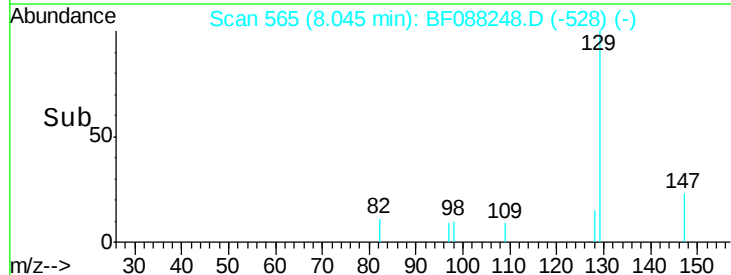
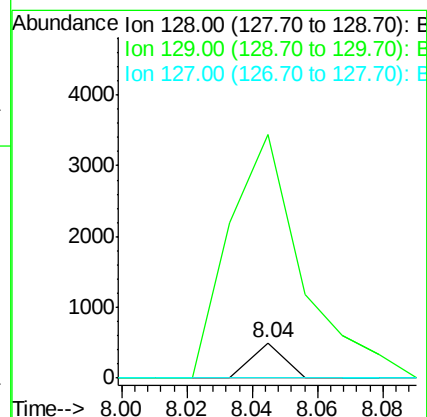
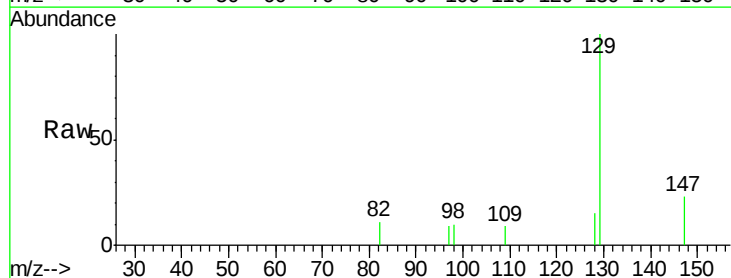
Tgt Ion: 128 Resp: 342

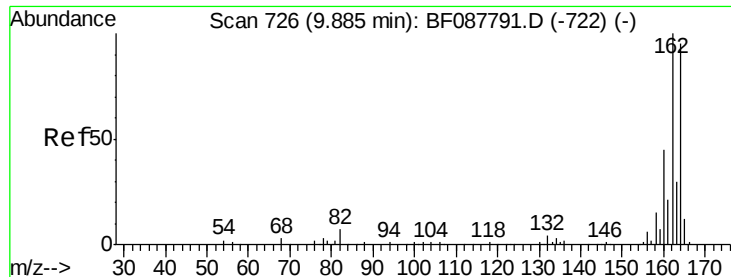
Ion Ratio Lower Upper

128 100

129 689.4 9.4 14.2#

127 0.0 10.9 16.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

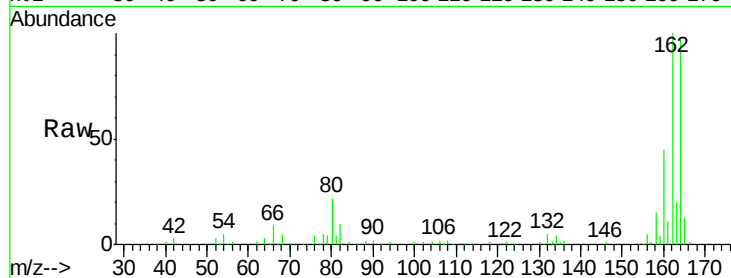
Tgt Ion:164 Resp: 143682

Ion Ratio Lower Upper

164 100

162 102.9 85.4 128.2

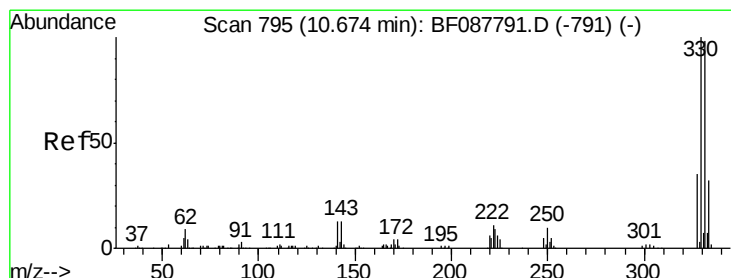
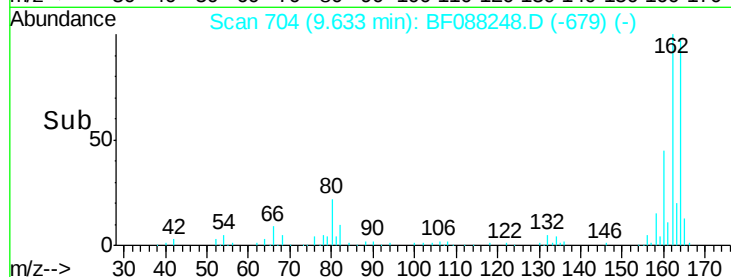
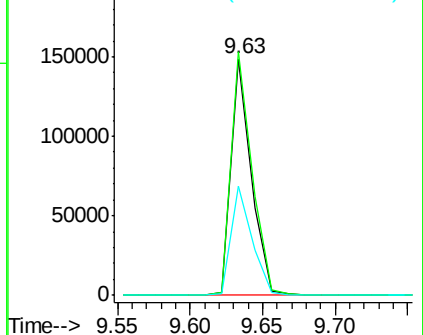
160 46.4 39.5 59.3



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: 127.86 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

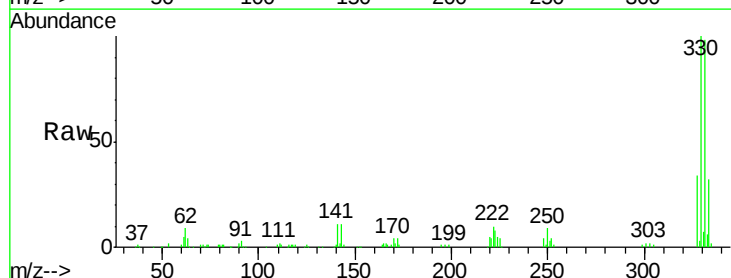
Tgt Ion:330 Resp: 193974

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

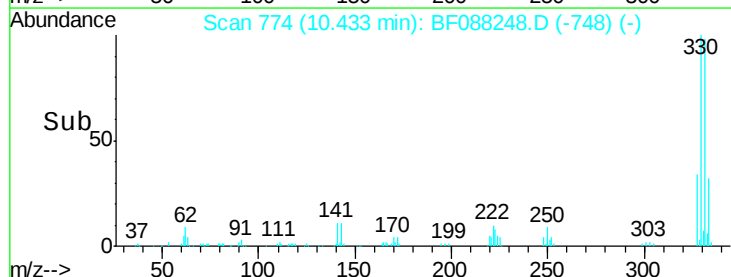
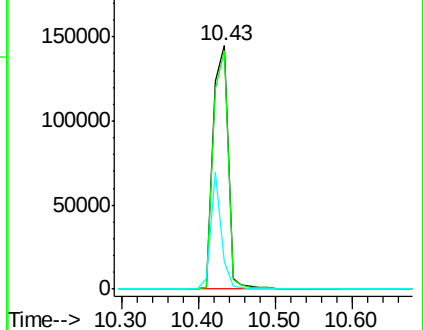
141 33.7 0.0 0.0#

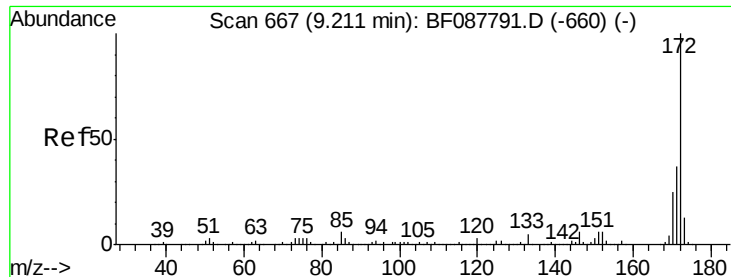


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

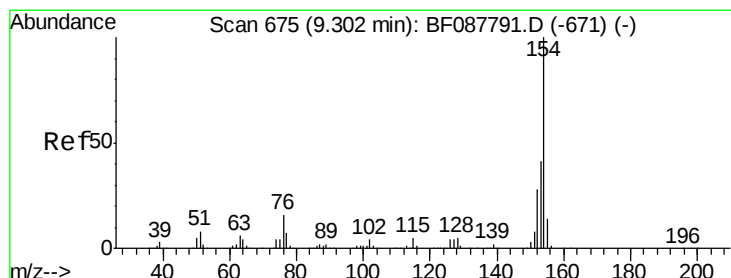
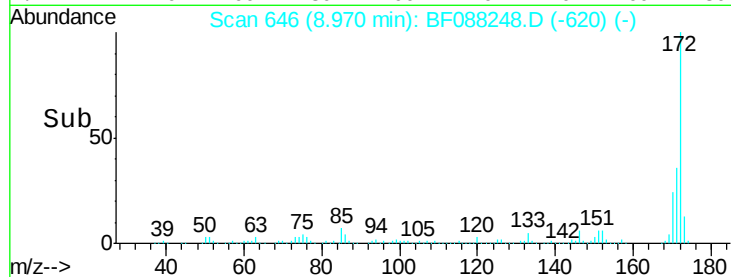
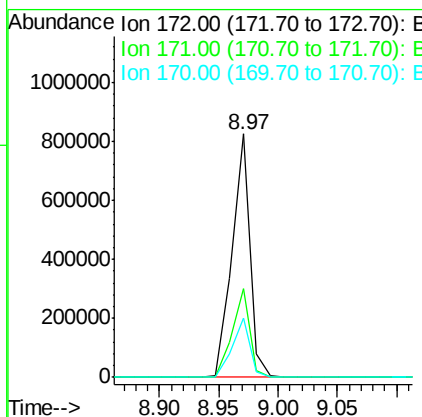
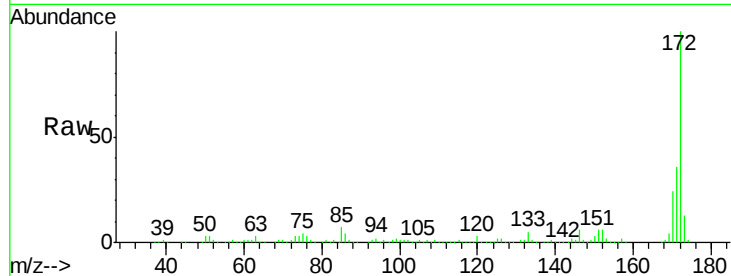




#44
 2-Fluorobiphenyl
 Concen: 94.40 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088248.D
 Acq: 22 Jun 2016 14:29

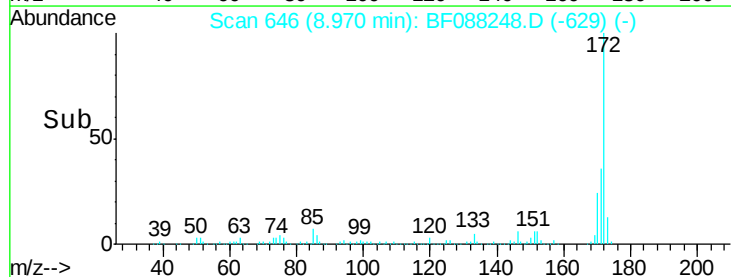
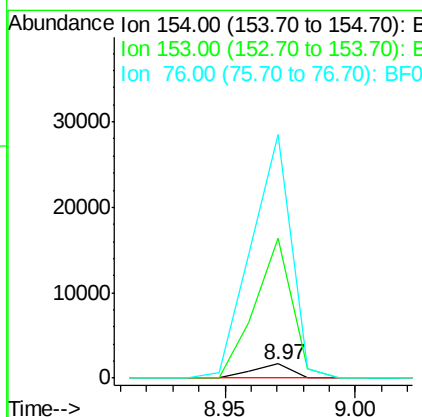
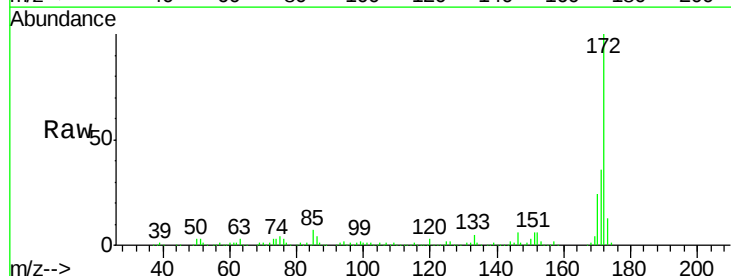
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4.5-5.0)

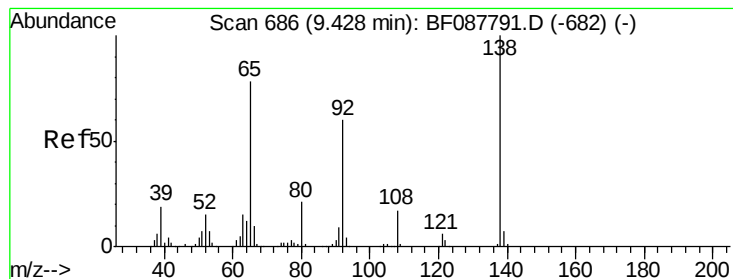
Tgt Ion:172 Resp: 857854
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.4 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.97 min Scan# 646
 Delta R.T. -0.10 min
 Lab File: BF088248.D
 Acq: 22 Jun 2016 14:29

Tgt Ion:154 Resp: 1674
 Ion Ratio Lower Upper
 154 100
 153 973.7 20.6 60.6#
 76 1686.6 0.0 35.1#





#47

2-Nitroaniline

Concen: 0.44 ng

RT: 9.37 min Scan# 681

Delta R.T. 0.17 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

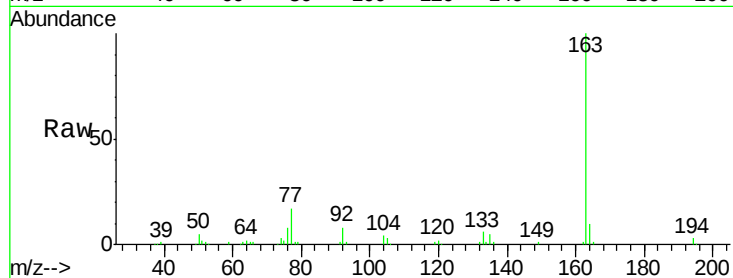
Tgt Ion: 65 Resp: 1194

Ion Ratio Lower Upper

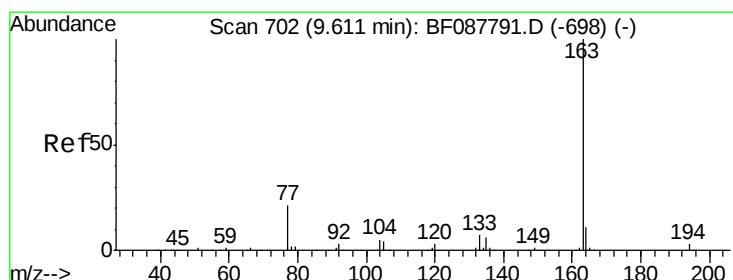
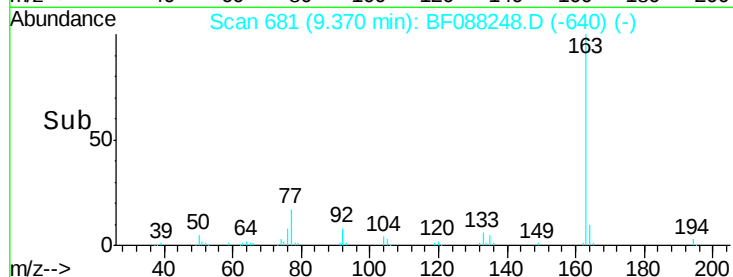
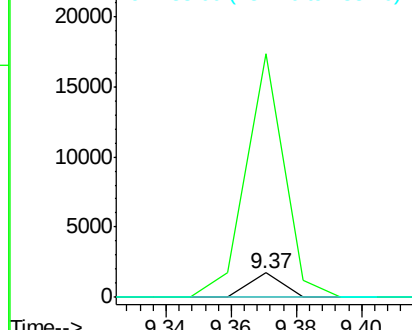
65 100

92 995.3 54.6 82.0#

138 0.0 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#49

Dimethylphthalate

Concen: 16.99 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

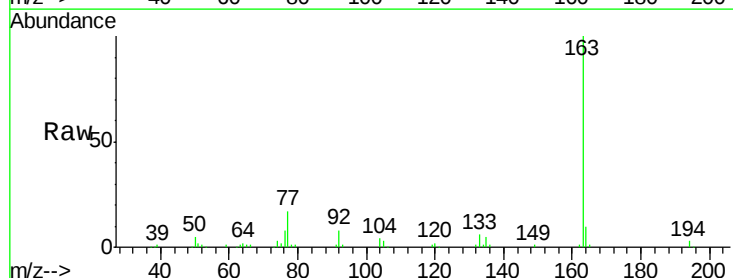
Tgt Ion: 163 Resp: 176835

Ion Ratio Lower Upper

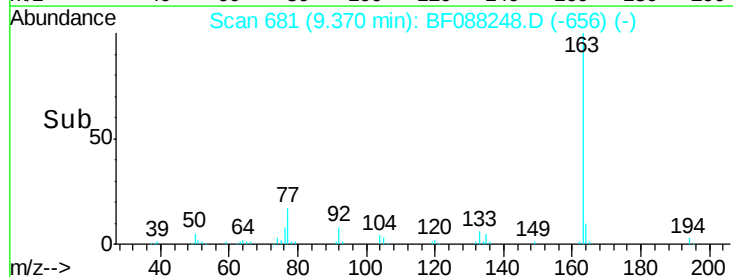
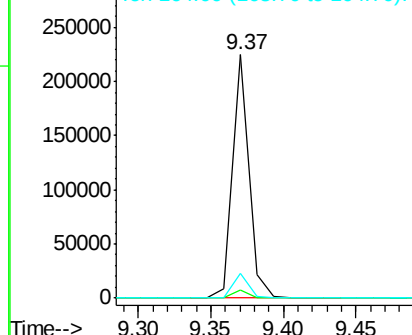
163 100

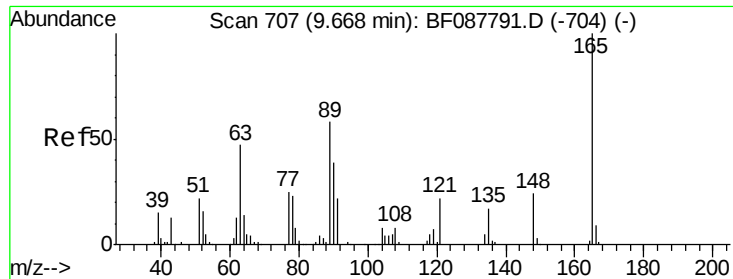
194 3.4 2.8 4.2

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

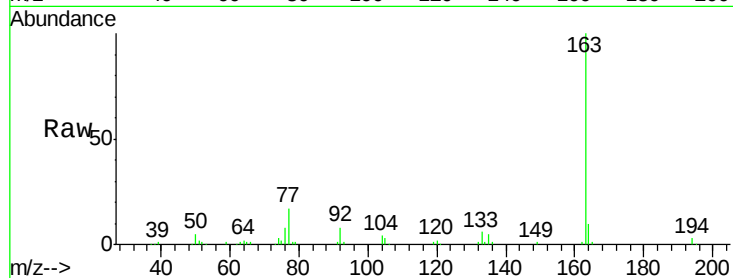




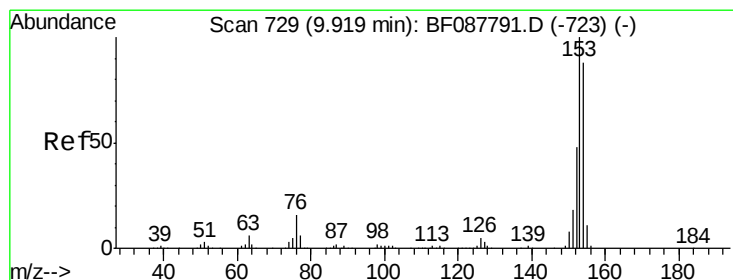
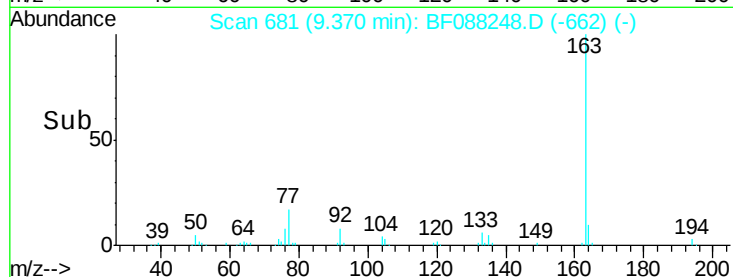
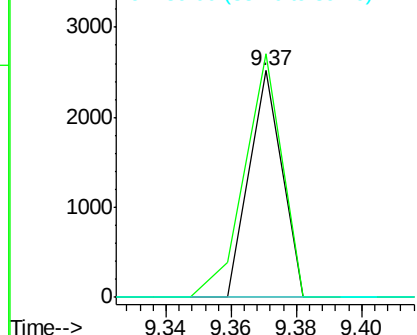
#50
2,6-Dinitrotoluene
Concen: 0.72 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

Instrument :
BNA_F
ClientSampleId :
SB-4(4.5-5.0)

Tgt Ion:165 Resp: 1726
Ion Ratio Lower Upper
165 100
63 107.5 28.1 42.1#
89 0.0 32.2 48.2#

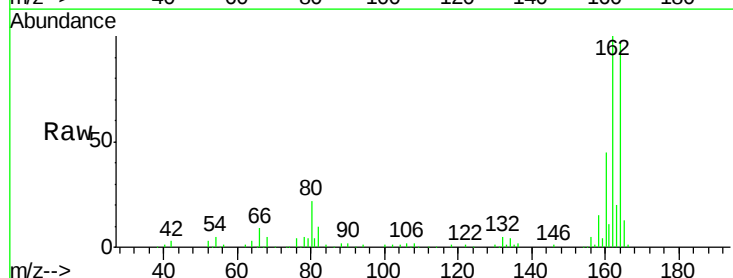


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

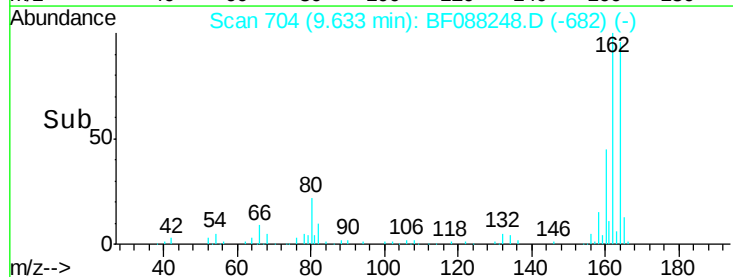
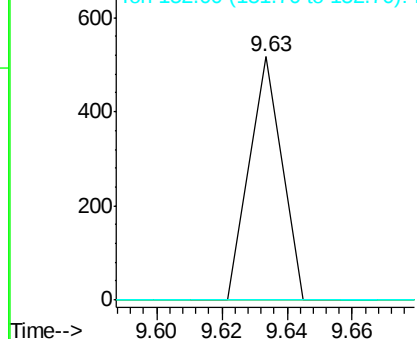


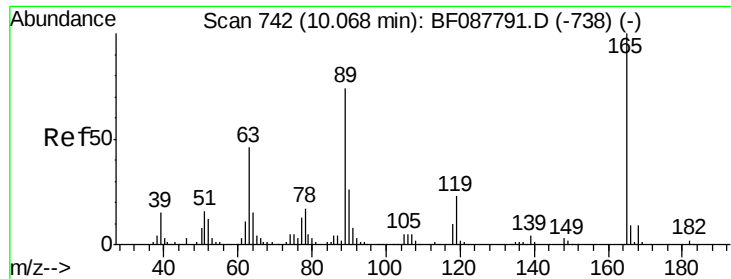
#51
Acenaphthene
Concen: 0.04 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.05 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

Tgt Ion:154 Resp: 355
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: 5.92 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.22 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

Tgt Ion:165 Resp: 18146

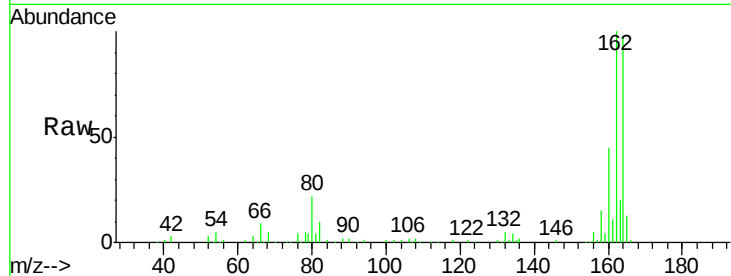
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

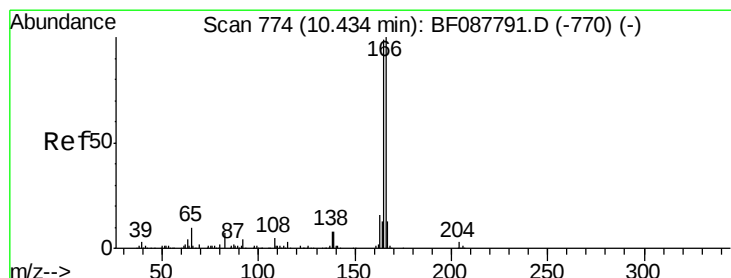
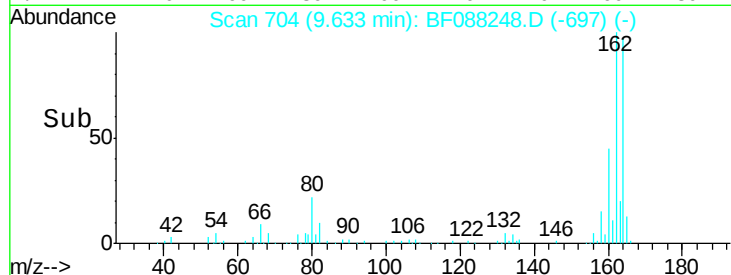
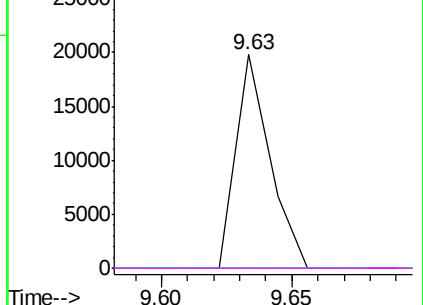


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF088248.D

Acq: 22 Jun 2016 14:29

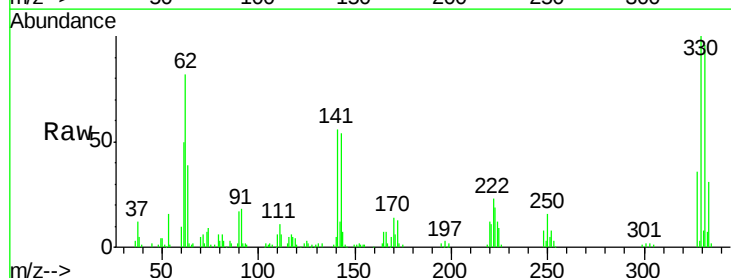
Tgt Ion:166 Resp: 8267

Ion Ratio Lower Upper

166 100

165 101.9 77.8 116.8

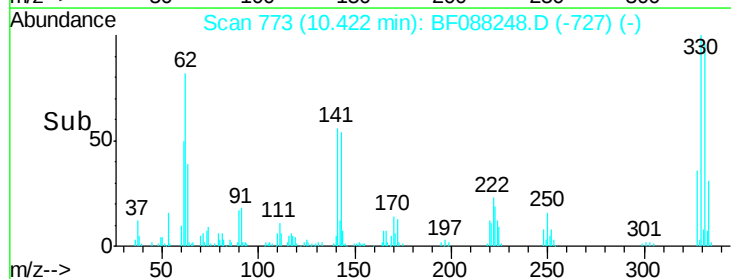
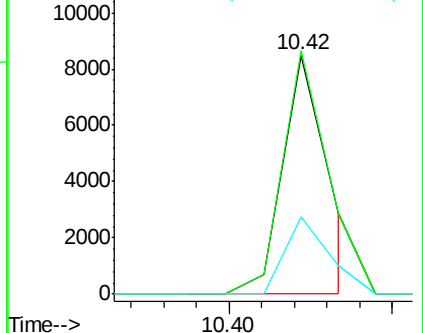
167 32.3 11.2 16.8#

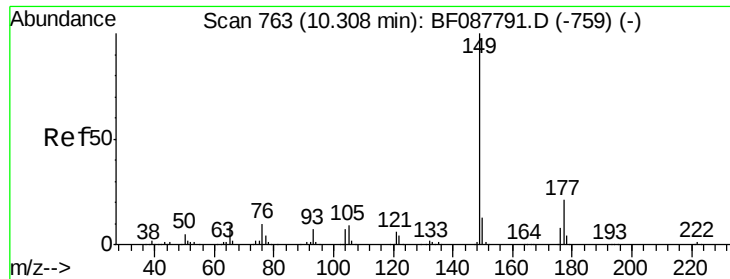


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

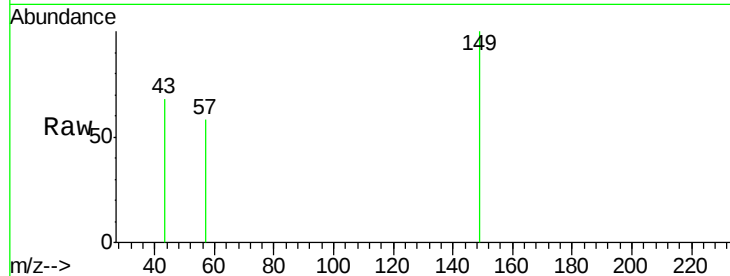




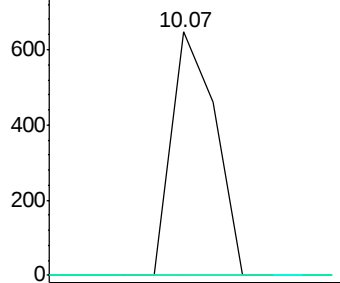
#59
Diethylphthalate
Concen: 0.07 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

Instrument :
BNA_F
ClientSampleId :
SB-4(4.5-5.0)

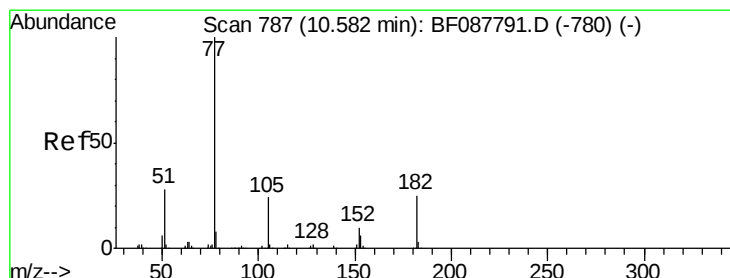
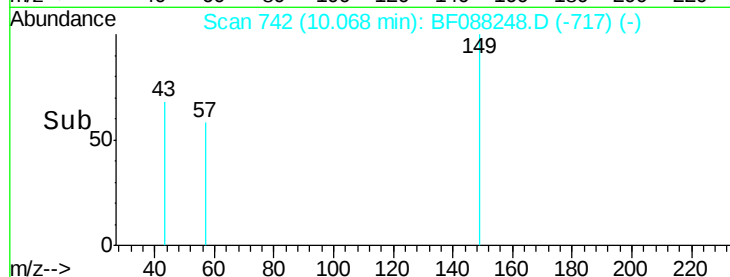
Tgt Ion: 149 Resp: 759
Ion Ratio Lower Upper
149 100
177 0.0 16.9 25.3#
150 0.0 10.1 15.1#



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

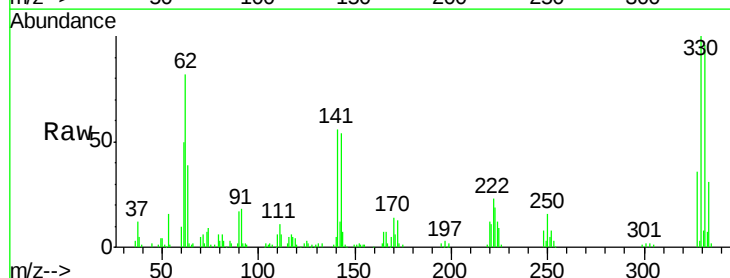


Time-->

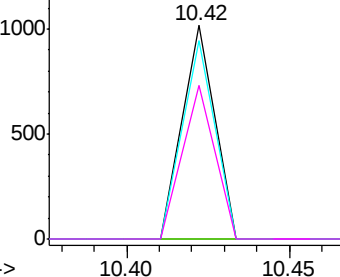


#62
Azobenzene
Concen: 0.07 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.08 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

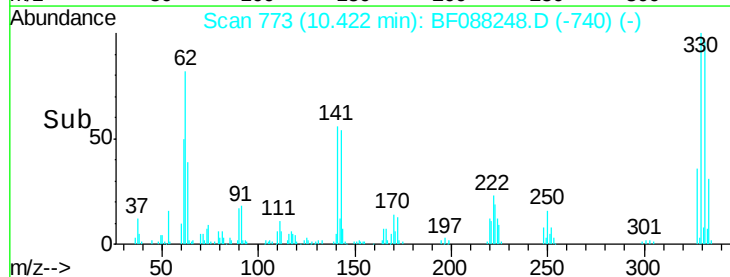
Tgt Ion: 77 Resp: 698
Ion Ratio Lower Upper
77 100
182 0.0 4.4 44.4#
105 93.1 3.8 43.8#
51 72.0 9.3 49.3#

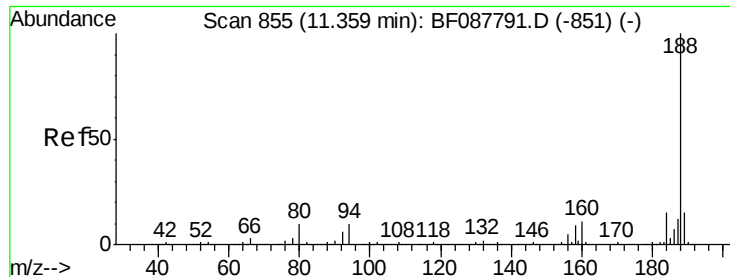


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



Time-->

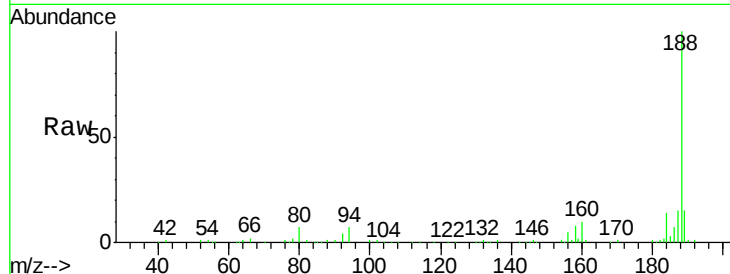




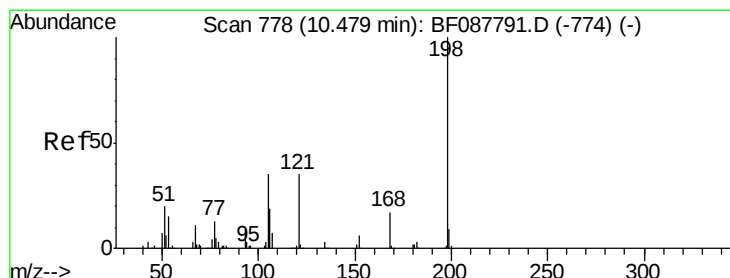
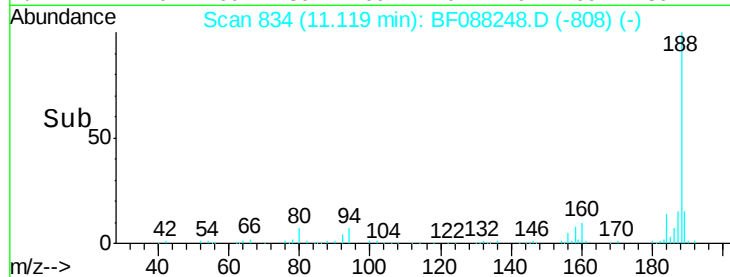
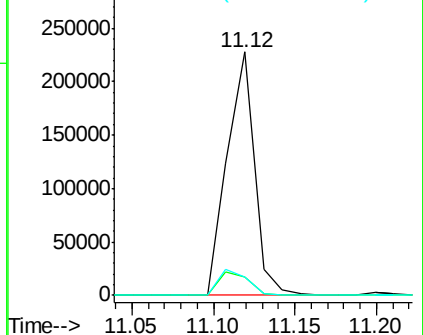
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF088248.D
 Acq: 22 Jun 2016 14:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4.5-5.0)

Tgt Ion:188 Resp: 262922
 Ion Ratio Lower Upper
 188 100
 94 7.4 9.0 13.6#
 80 7.4 10.0 15.0#

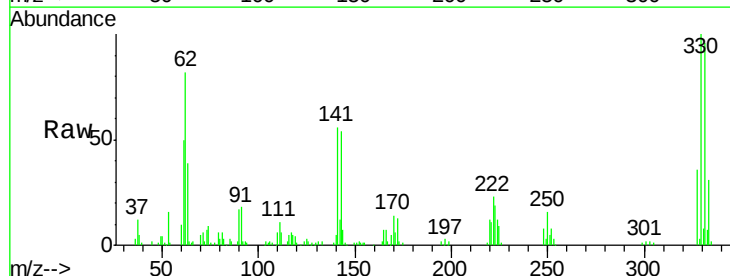


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

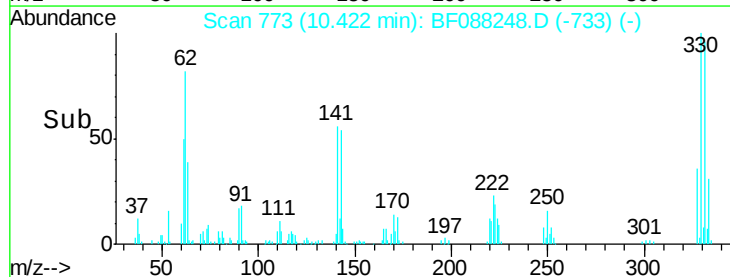
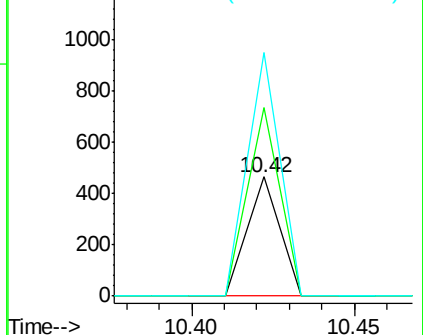


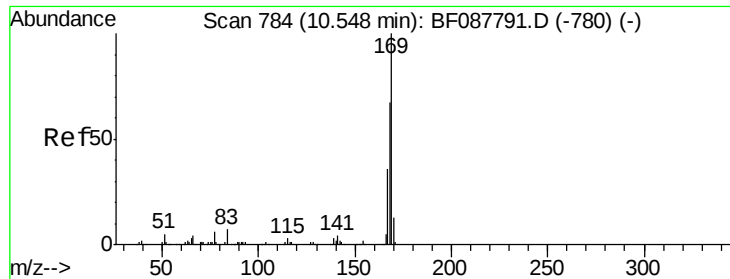
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.35 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.16 min
 Lab File: BF088248.D
 Acq: 22 Jun 2016 14:29

Tgt Ion:198 Resp: 319
 Ion Ratio Lower Upper
 198 100
 51 157.6 39.6 79.6#
 105 203.9 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.67 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.11 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

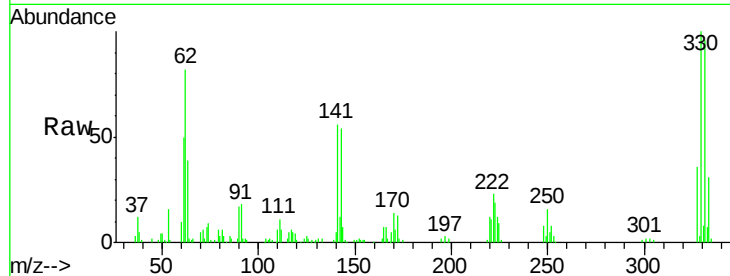
Tgt Ion:169 Resp: 5825

Ion Ratio Lower Upper

169 100

168 6.0 53.4 80.0#

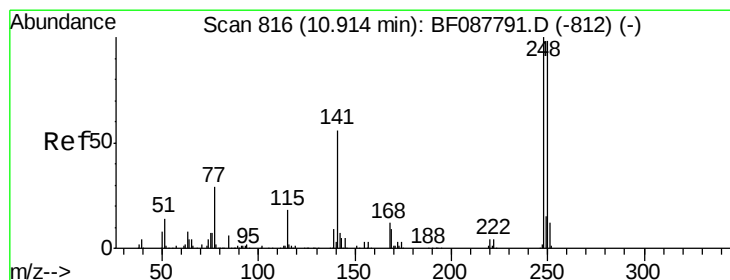
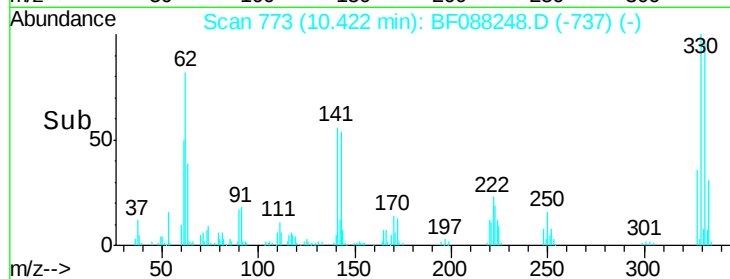
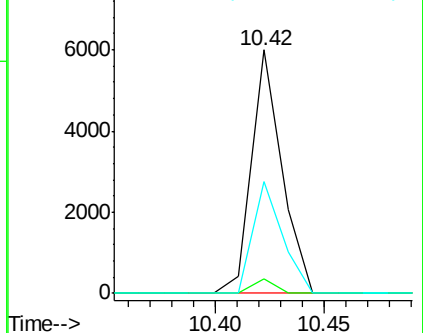
167 45.7 29.4 44.0#



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



#66

4-Bromophenyl-phenylether

Concen: 4.00 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.25 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

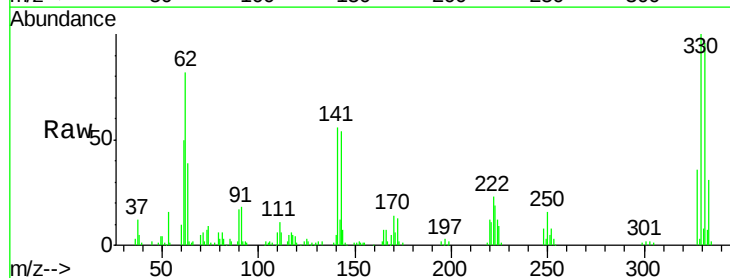
Tgt Ion:248 Resp: 11294

Ion Ratio Lower Upper

248 100

250 195.7 77.1 115.7#

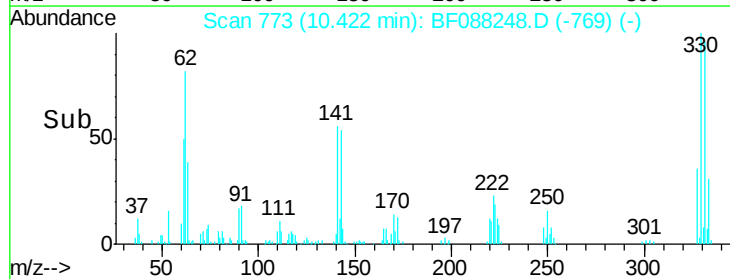
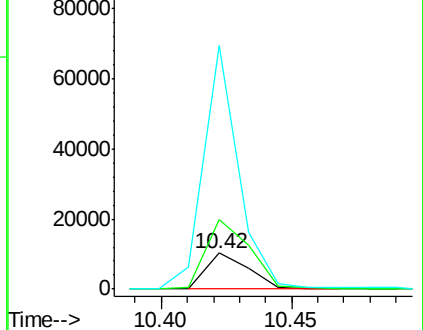
141 681.0 50.6 76.0#

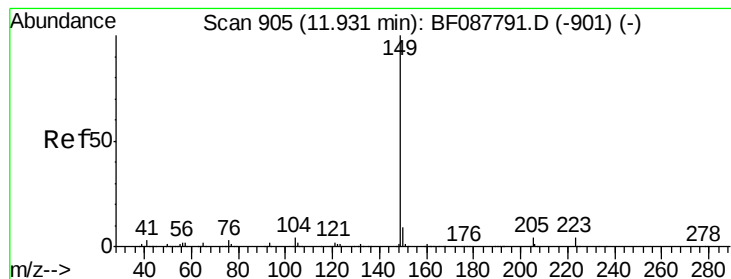


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 0.12 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

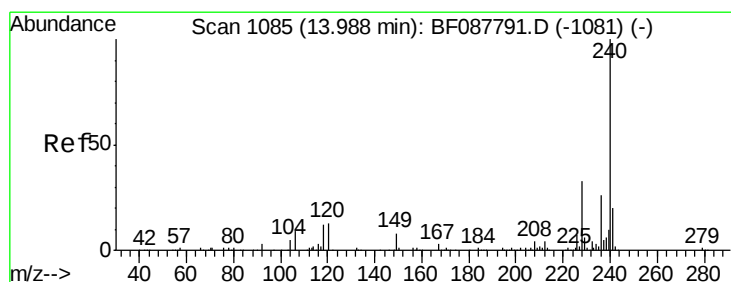
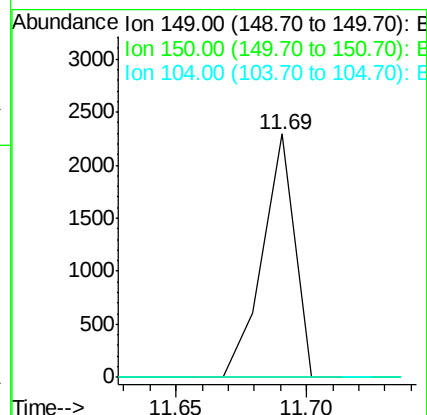
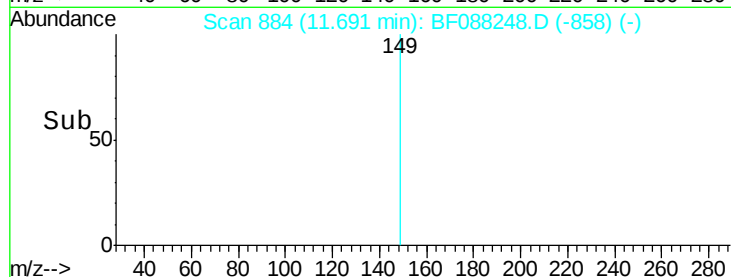
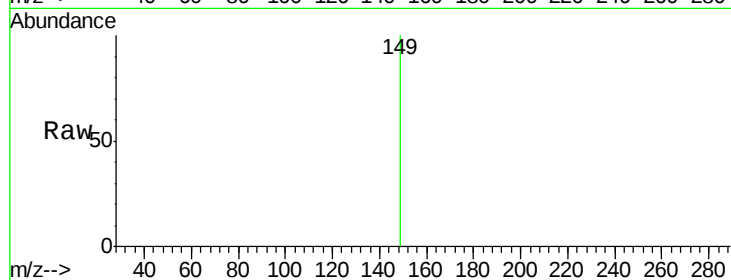
Tgt Ion:149 Resp: 1988

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 4.0 6.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

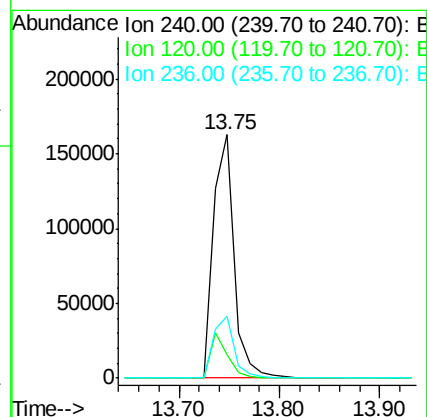
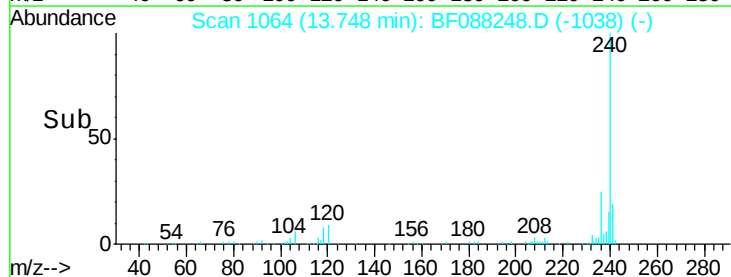
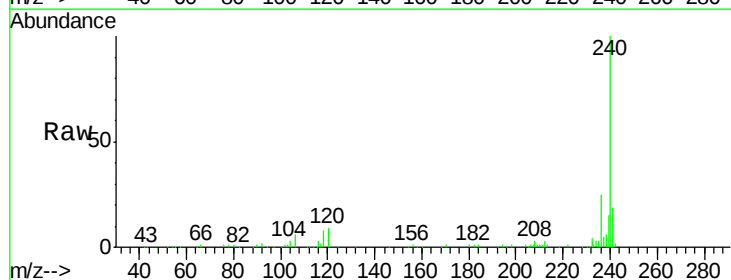
Tgt Ion:240 Resp: 231972

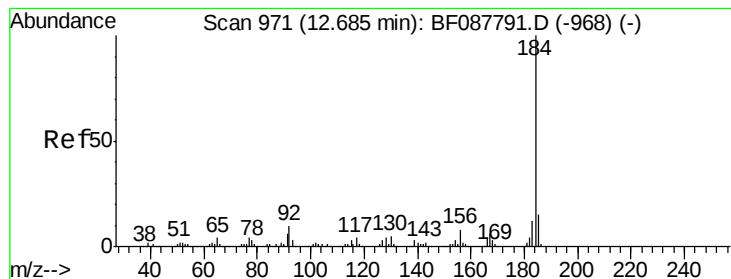
Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

236 25.3 20.2 30.2





#76

Benzidine

Concen: 1.62 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.24 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

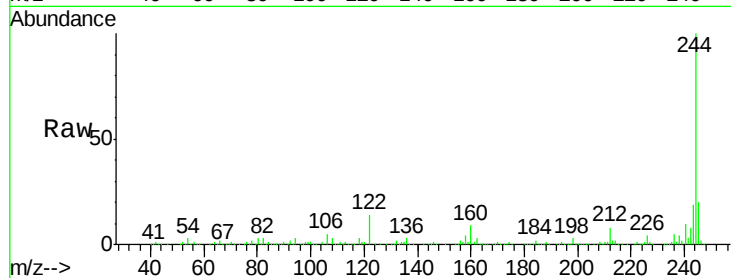
Tgt Ion:184 Resp: 10424

Ion Ratio Lower Upper

184 100

185 16.3 12.5 18.7

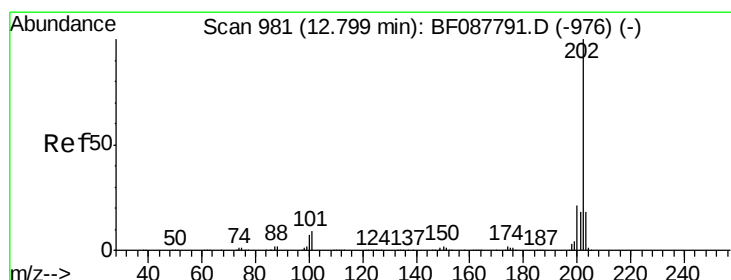
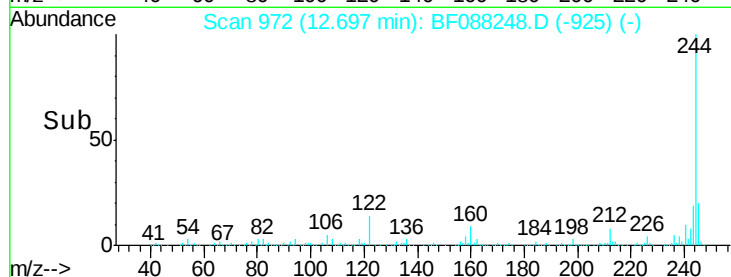
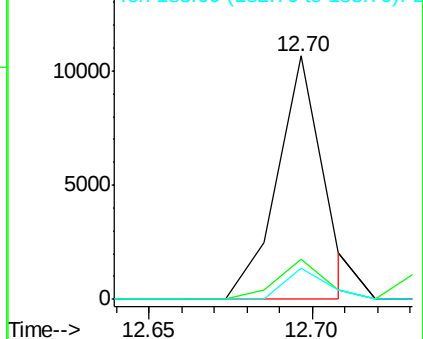
183 13.0 9.3 13.9



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



#77

Pyrene

Concen: 0.14 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.15 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

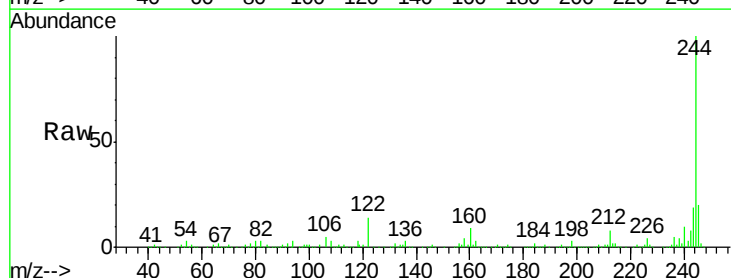
Tgt Ion:202 Resp: 2450

Ion Ratio Lower Upper

202 100

200 51.7 17.4 26.2#

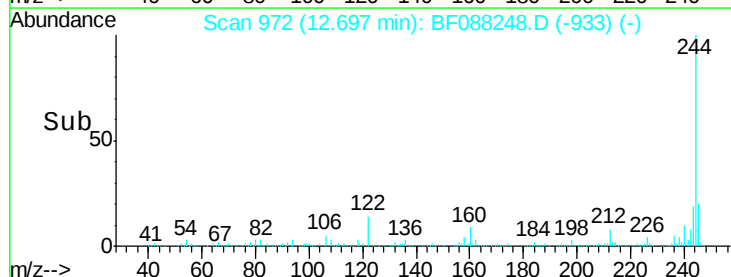
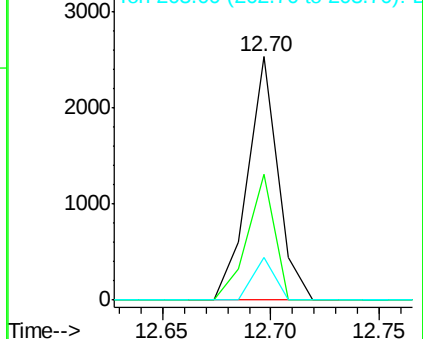
203 17.6 14.5 21.7

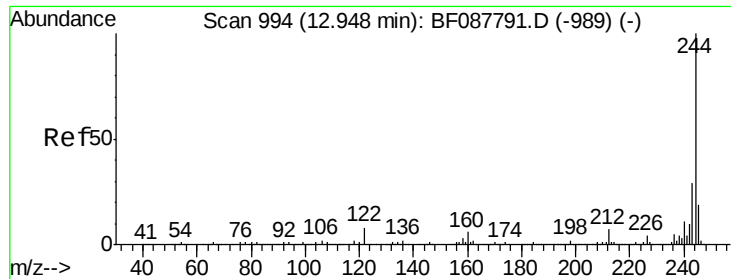


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

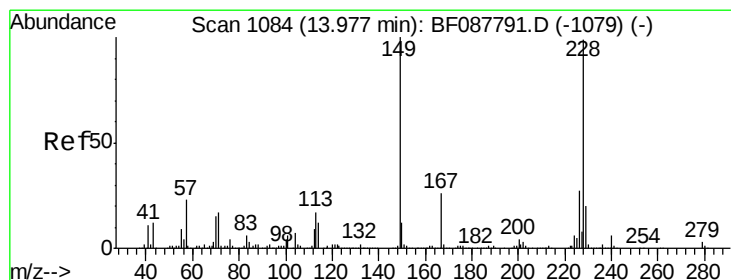
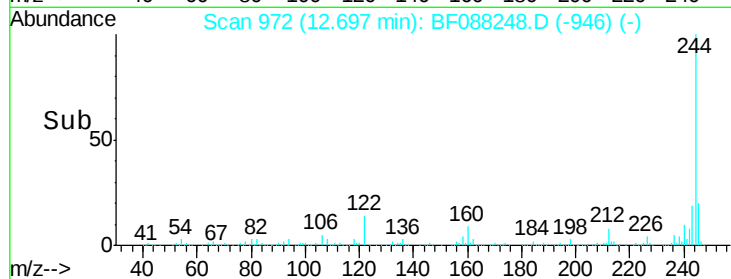
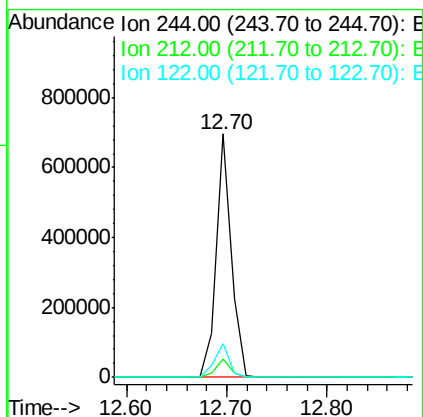
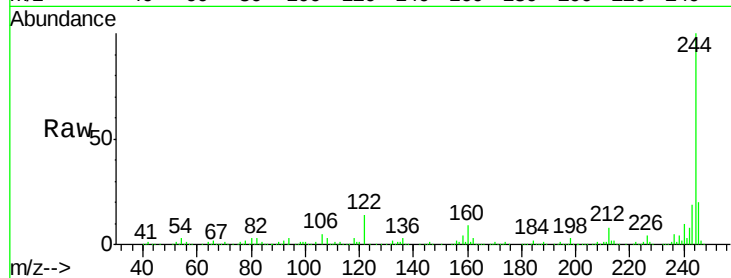




#78
 Terphenyl-d14
 Concen: 71.16 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088248.D
 Acq: 22 Jun 2016 14:29

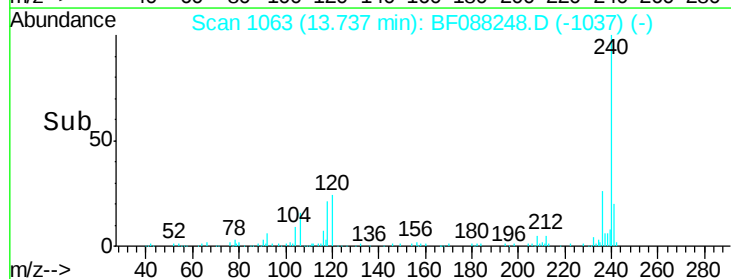
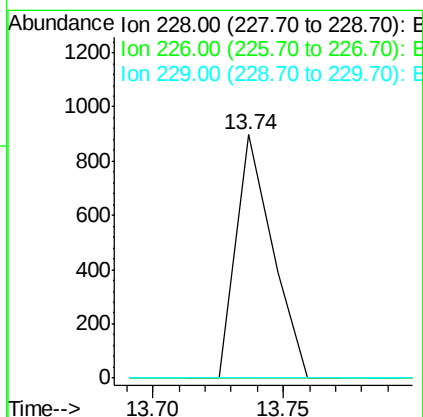
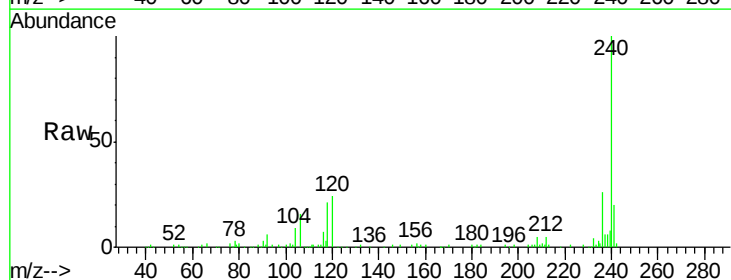
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4.5-5.0)

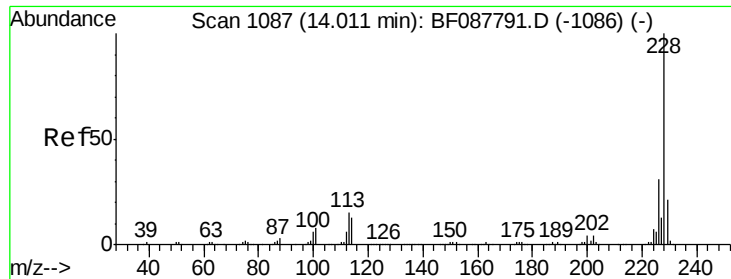
Tgt Ion:244 Resp: 725434
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.9 11.2 16.8



#80
 Benzo(a)anthracene
 Concen: 0.07 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF088248.D
 Acq: 22 Jun 2016 14:29

Tgt Ion:228 Resp: 883
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.3 33.5#
 229 0.0 16.0 24.0#





#82

Chrysene

Concen: 0.07 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.03 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)

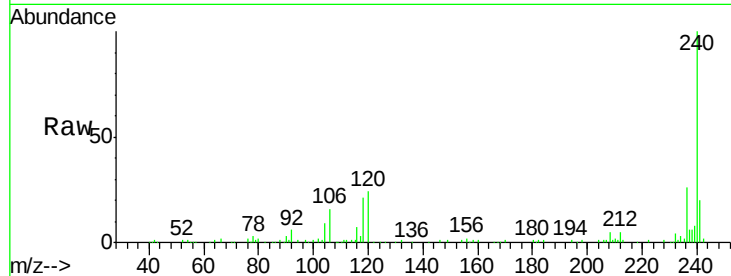
Tgt Ion:228 Resp: 883

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.2#

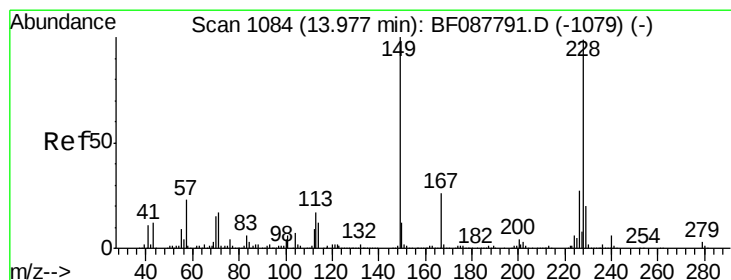
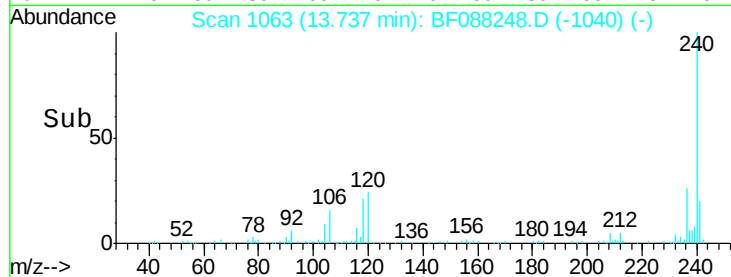
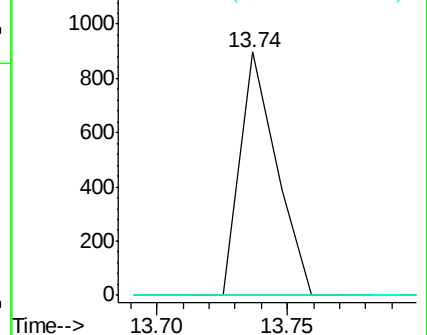
229 0.0 16.3 24.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF088248.D

Acq: 22 Jun 2016 14:29

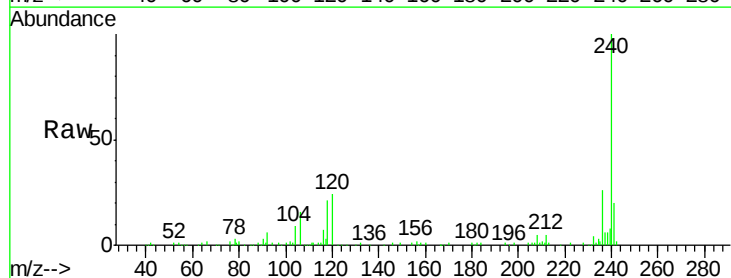
Tgt Ion:149 Resp: 1096

Ion Ratio Lower Upper

149 100

167 37.9 20.5 30.7#

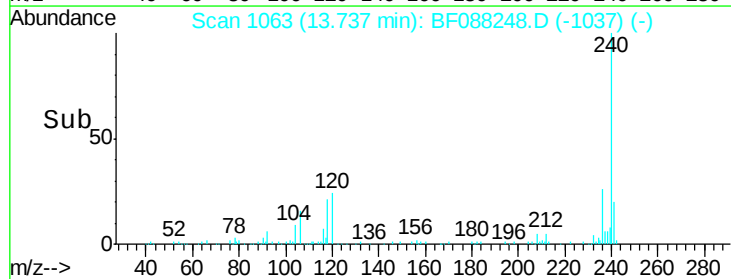
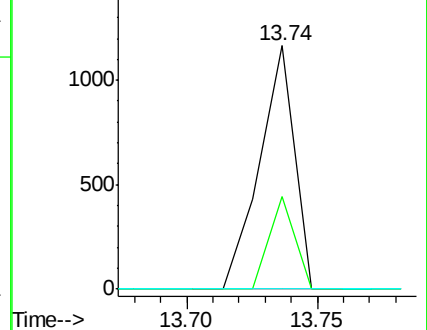
279 0.0 2.0 3.0#

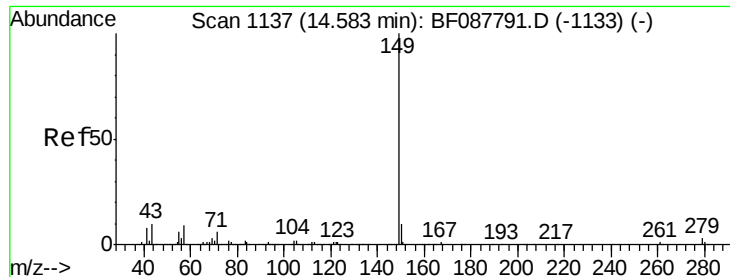


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

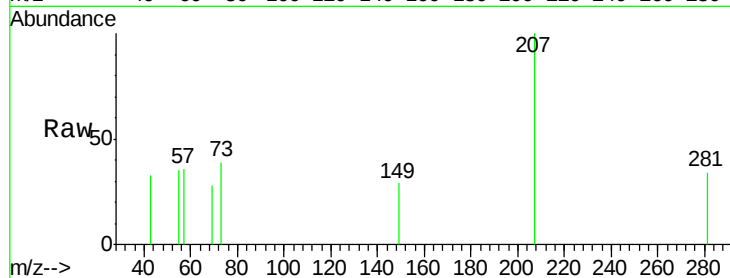




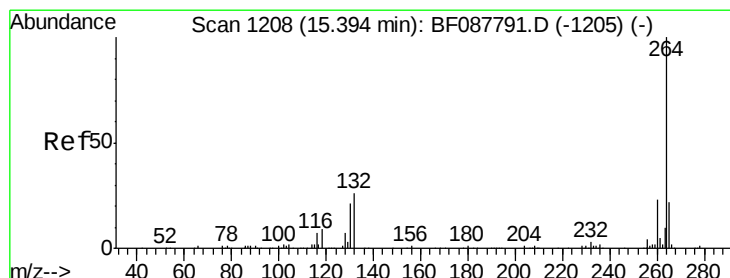
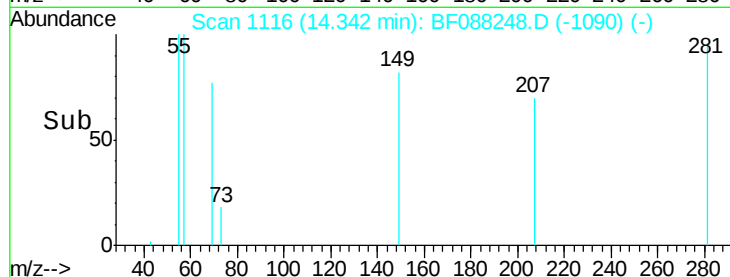
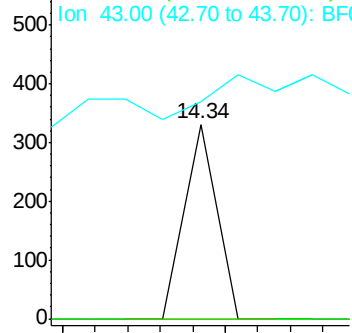
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.34 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

Instrument :
BNA_F
ClientSampleId :
SB-4(4.5-5.0)

Tgt Ion:149 Resp: 227
Ion Ratio Lower Upper
149 100
167 0.0 0.0 0.0
43 0.0 0.0 0.0

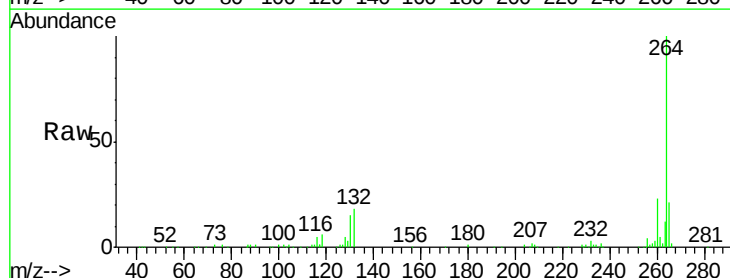


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

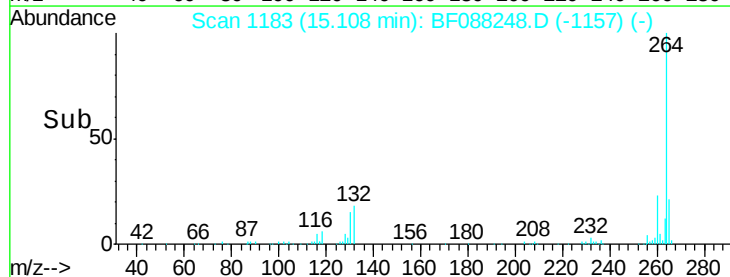
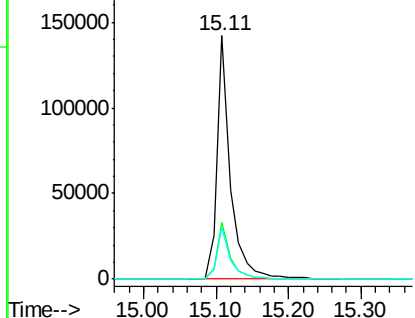


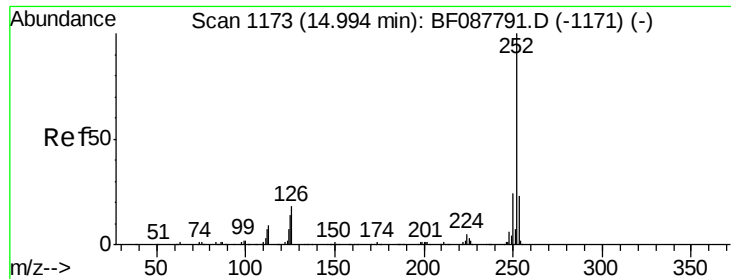
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

Tgt Ion:264 Resp: 181960
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.3 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

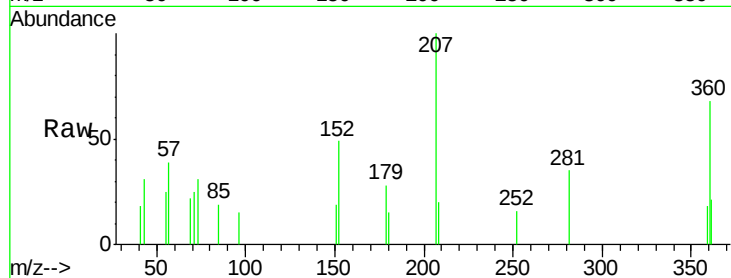




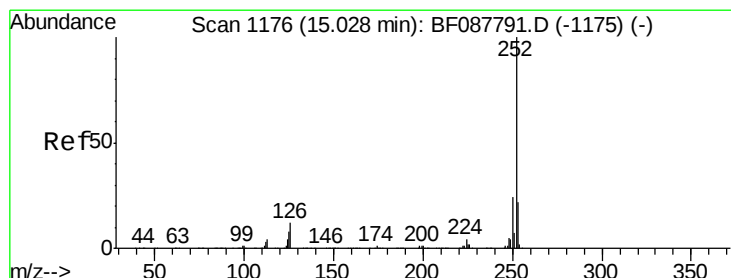
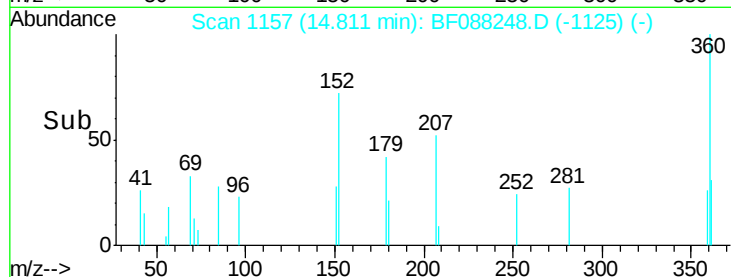
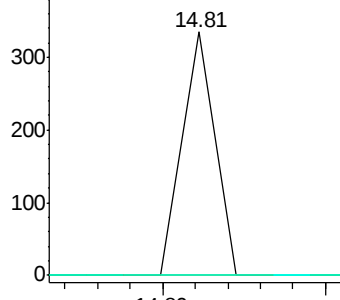
#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 14.81 min Scan# 1157
Delta R.T. 0.07 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

Instrument :
BNA_F
ClientSampleId :
SB-4(4.5-5.0)

Tgt Ion: 252 Resp: 230
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 7.1 10.7#

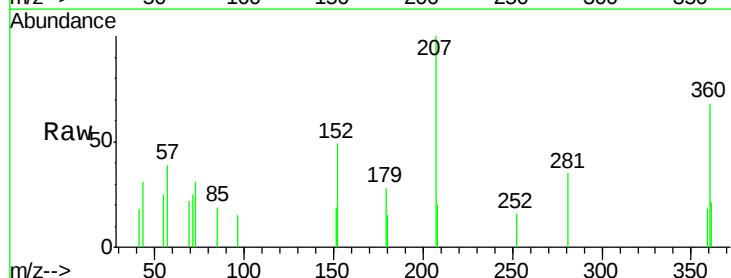


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

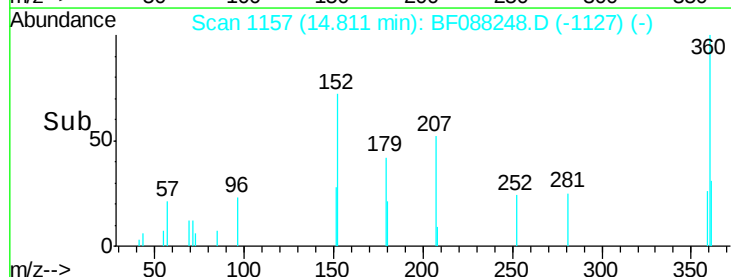
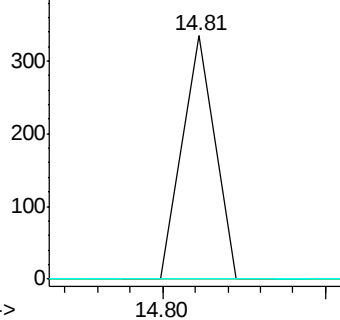


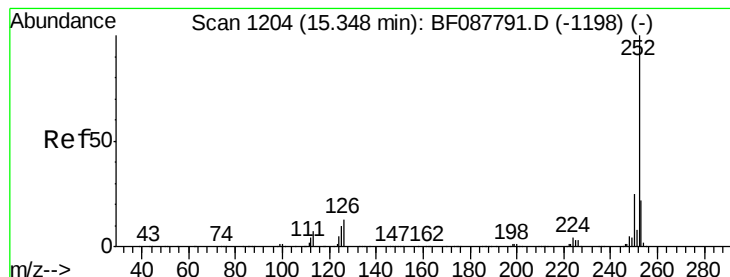
#88
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 14.81 min Scan# 1157
Delta R.T. 0.05 min
Lab File: BF088248.D
Acq: 22 Jun 2016 14:29

Tgt Ion: 252 Resp: 230
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 0.0 11.2 16.8#



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





#89

Benzo(a)pyrene

Concen: 0.03 ng

RT: 15.11 min Scan# 1183

Delta R.T. 0.06 min

Lab File: BF088248.D

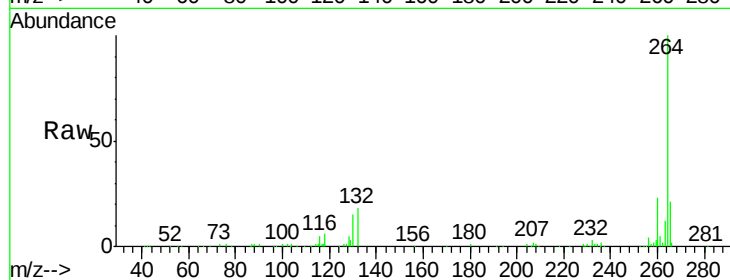
Acq: 22 Jun 2016 14:29

Instrument :

BNA_F

ClientSampleId :

SB-4(4.5-5.0)



Tgt Ion:	252	Resp:	315
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	12.5	18.7#

