

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
 Data File : BF081977.D
 Acq On : 2 Oct 2015 10:22
 Operator : UM/IZ
 Sample : G3875-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

Quant Time: Oct 02 11:30:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	99704	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	391490	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	194058	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	381049	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	347611	20.00	ng	-0.06
86) Perylene-d12	15.50	264	242414	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	635108	115.63	ng	-0.02
7) Phenol-d6	6.53	99	863055	124.88	ng	-0.03
23) Nitrobenzene-d5	7.46	82	518080	88.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	227021	115.51	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1014063	88.06	ng	-0.05
78) Terphenyl-d14	13.01	244	1040137	102.31	ng	-0.05

Target Compounds						Qvalue
6) Aniline	6.66	93	826	0.09	ng	# 1
8) 2-Chlorophenol	6.67	128	230	0.04	ng	# 1
9) Benzaldehyde	6.53	77	1007	0.22	ng	# 1
10) Phenol	6.54	94	4214	0.54	ng	# 23
11) bis(2-Chloroethyl)ether	6.66	93	826	0.14	ng	# 1
15) Benzyl Alcohol	7.05	79	8235	1.65	ng	# 28
19) n-Nitroso-di-n-propylamine	7.46	70	64038	15.25	ng	# 57
24) Nitrobenzene	7.46	77	1049	0.16	ng	# 16
25) Isophorone	7.46	82	429948	36.94	ng	# 58
31) Naphthalene	8.21	128	276	0.02	ng	# 70
45) 1,1'-Biphenyl	9.26	154	1686	0.11	ng	# 1
47) 2-Nitroaniline	9.65	65	1660	0.48	ng	# 1
49) Dimethylphthalate	9.65	163	224369	16.75	ng	# 97
50) 2,6-Dinitrotoluene	9.65	165	2416	0.83	ng	# 1
51) Acenaphthene	9.93	154	465	0.04	ng	# 9
56) 2,4-Dinitrotoluene	9.93	165	23903	6.45	ng	# 33
57) Fluorene	10.72	166	9395	Below Cal		# 82
59) Diethylphthalate	10.35	149	1302	0.10	ng	# 83
62) Azobenzene	10.72	77	977	0.08	ng	# 10
64) 4,6-Dinitro-2-methylphenol	10.72	198	378	1.42	ng	# 1
65) n-Nitrosodiphenylamine	10.72	169	6962	0.60	ng	# 44
66) 4-Bromophenyl-phenylether	10.72	248	14861	3.87	ng	# 1
69) Pentachlorophenol	11.22	266	607	0.25	ng	# 57
70) Phenanthrene	11.44	178	1269	Below Cal		# 62
71) Anthracene	11.44	178	1269	0.07	ng	# 62
73) Di-n-butylphthalate	11.98	149	3615	Below Cal		# 96
74) Fluoranthene	12.63	202	1991	0.10	ng	# 69
76) Benzidine	12.72	184	427	0.04	ng	# 1
77) Pyrene	12.86	202	2077	0.10	ng	# 79
79) Butylbenzylphthalate	13.46	149	229	0.03	ng	# 1
80) Benzo(a)anthracene	14.08	228	3681	0.20	ng	# 86
82) Chrysene	14.08	228	3681	1.05	ng	# 88
83) Bis(2-ethylhexyl)phthalate	14.04	149	8934	0.91	ng	# 96
84) Di-n-octyl phthalate	14.65	149	521	0.03	ng	# 71

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ALS Vial : 41 Sample Multiplier: 1

Instrument :
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QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

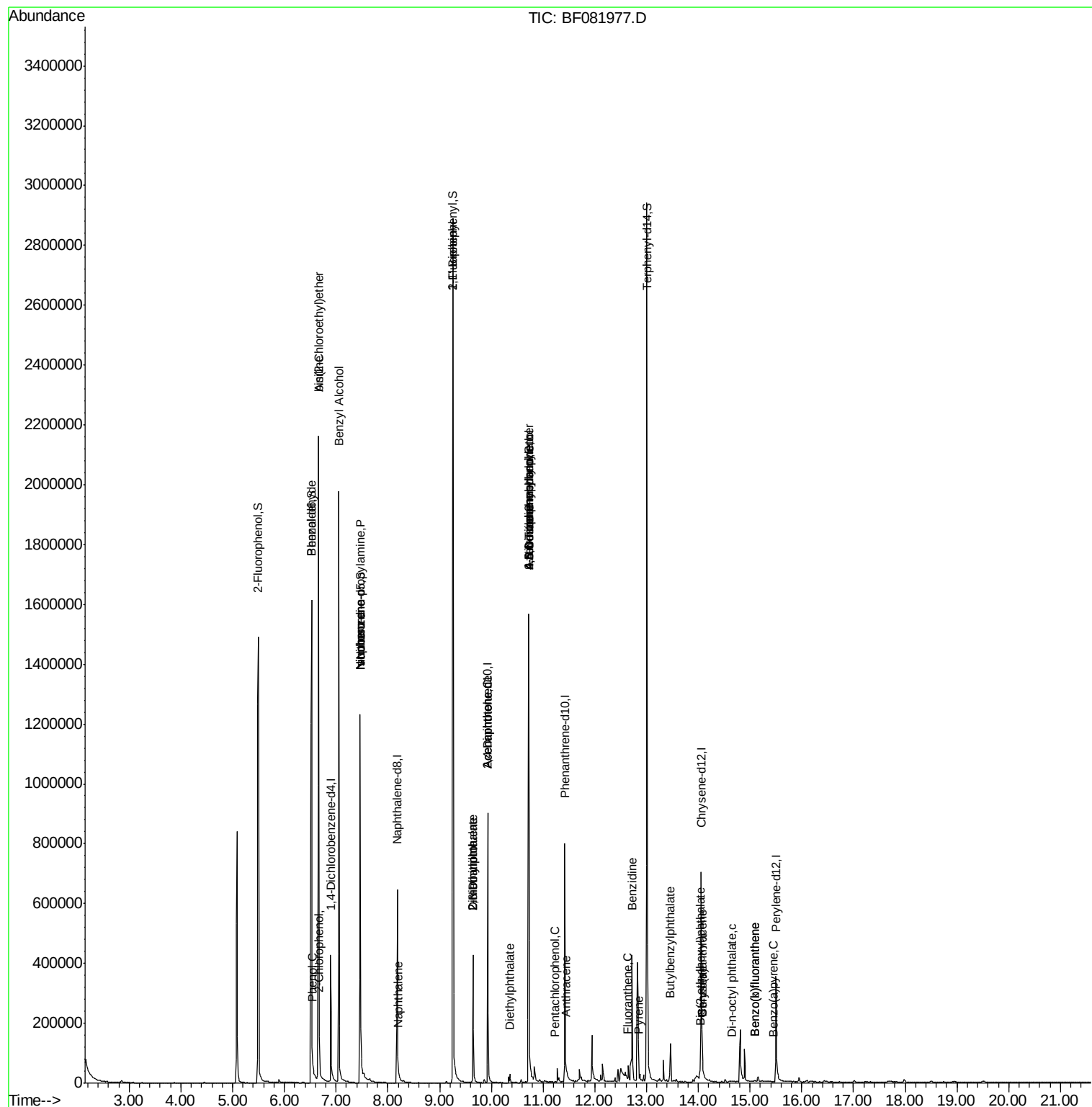
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	15.09	252	3671	0.27	ng	# 54
88) Benzo(k)fluoranthene	15.09	252	3671	0.29	ng	# 56
89) Benzo(a)pyrene	15.45	252	554	0.05	ng	# 54

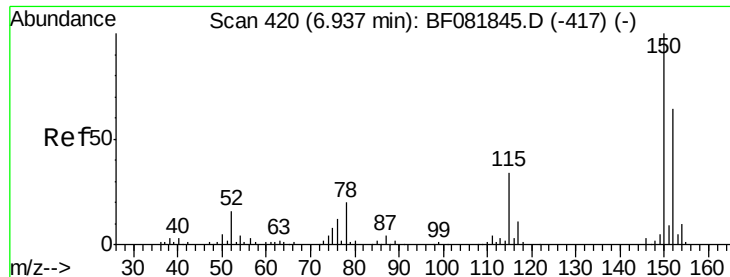
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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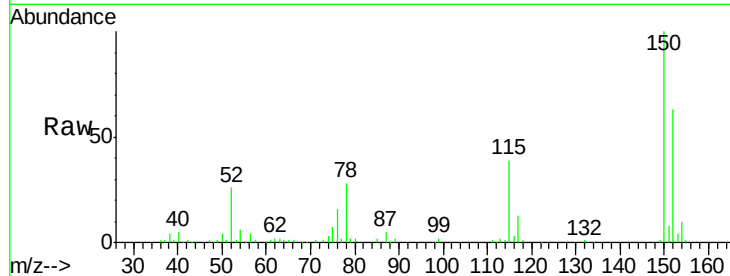


#1

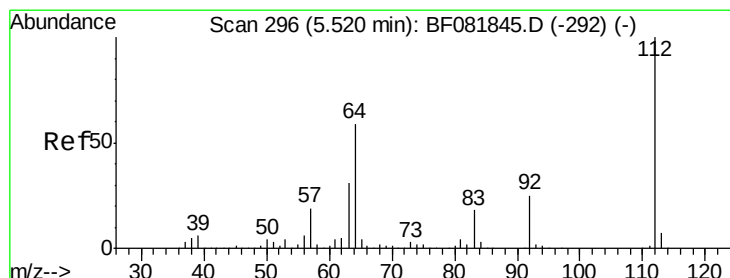
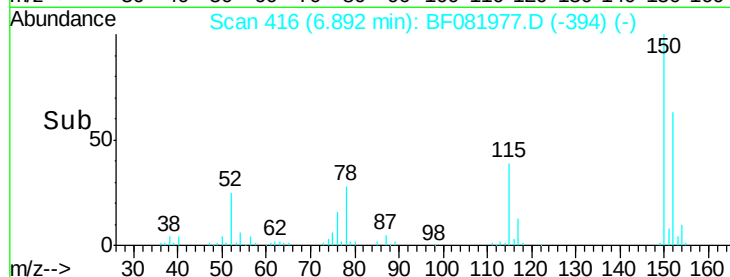
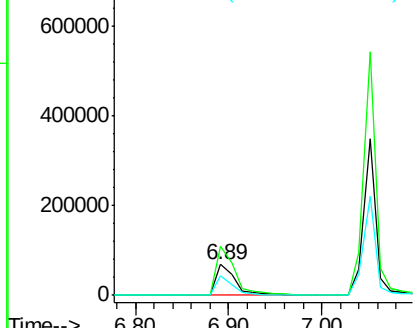
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Instrument :
BNA_F
ClientSampleId :
A7-COMP

Tot Ion:152 Resp: 99704
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 62.7 39.0 58.4#



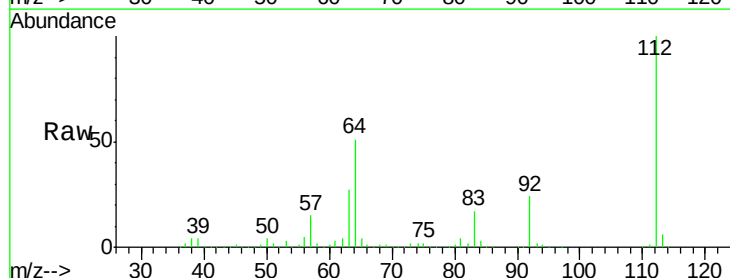
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



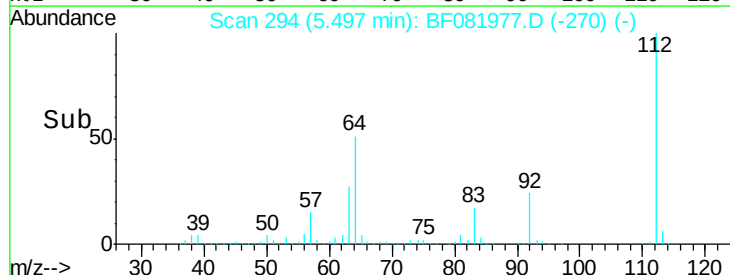
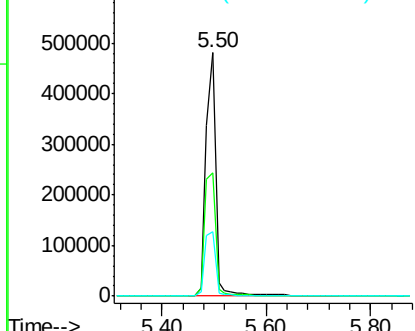
#5

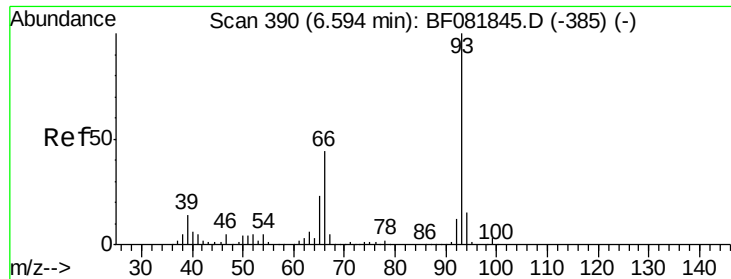
2-Fluorophenol
Concen: 115.63 ng
RT: 5.50 min Scan# 294
Delta R.T. -0.02 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Tgt Ion:112 Resp: 635108
Ion Ratio Lower Upper
112 100
64 50.6 39.7 59.5
63 26.7 17.4 26.0#



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: 0.09 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.07 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

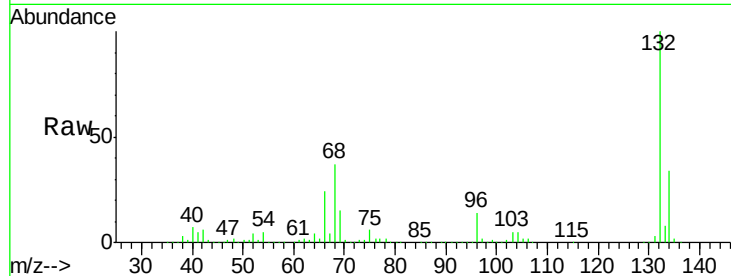
Tot Ion: 93 Resp: 826

Ion Ratio Lower Upper

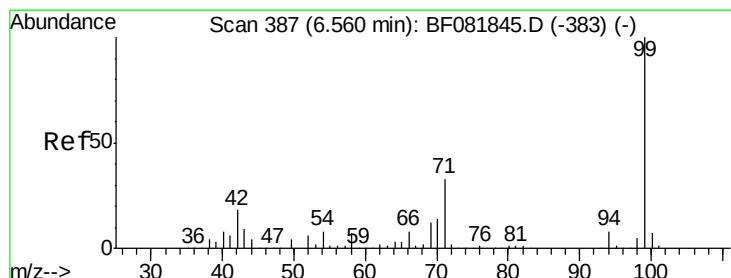
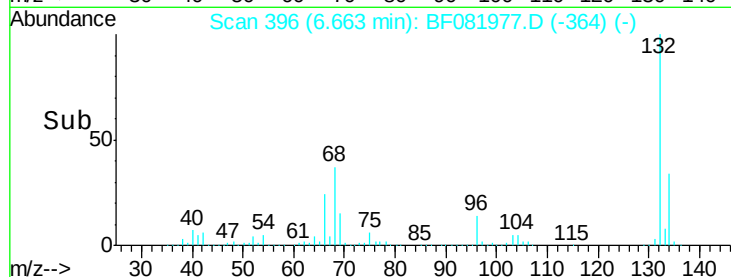
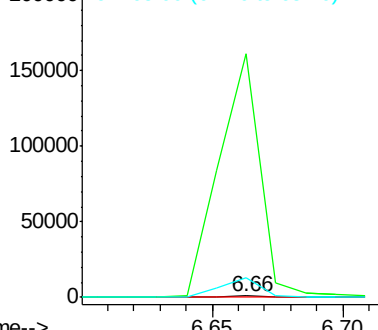
93 100

66 19462.8 27.2 40.8#

65 1546.5 14.7 22.1#



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



#7

Phenol-d6

Concen: 124.88 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

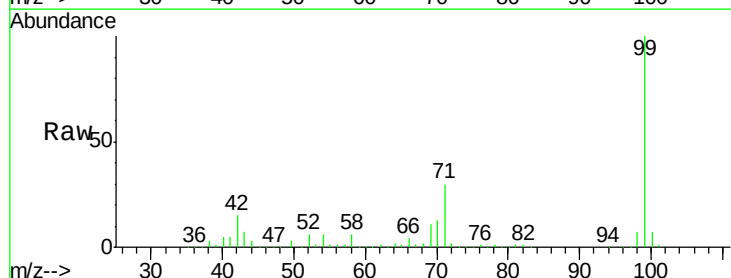
Tgt Ion: 99 Resp: 863055

Ion Ratio Lower Upper

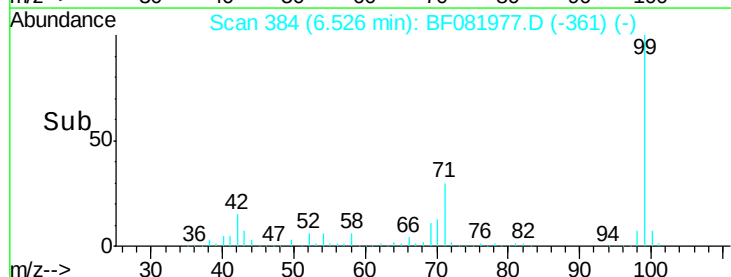
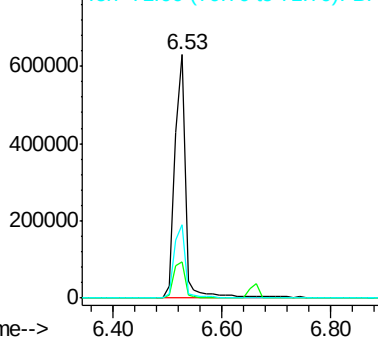
99 100

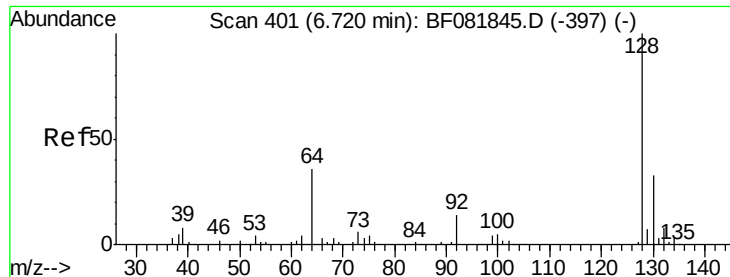
42 14.8 13.7 20.5

71 30.3 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.04 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

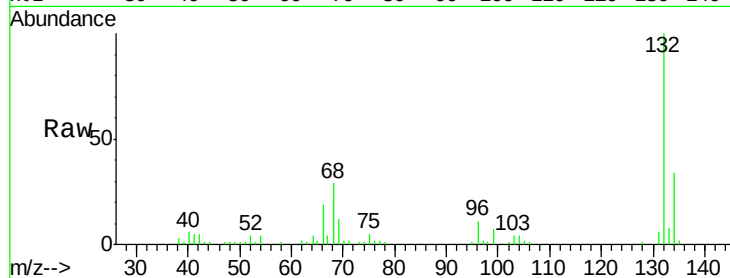
Tot Ion:128 Resp: 230

Ion Ratio Lower Upper

128 100

130 0.0 12.2 52.2#

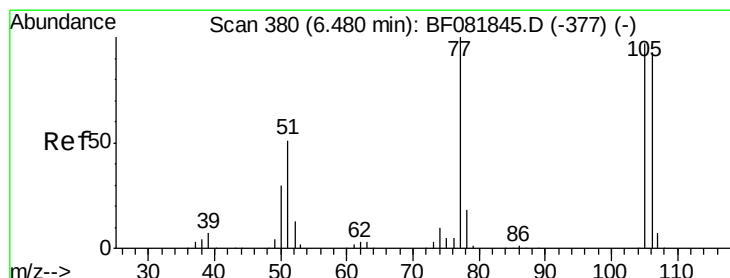
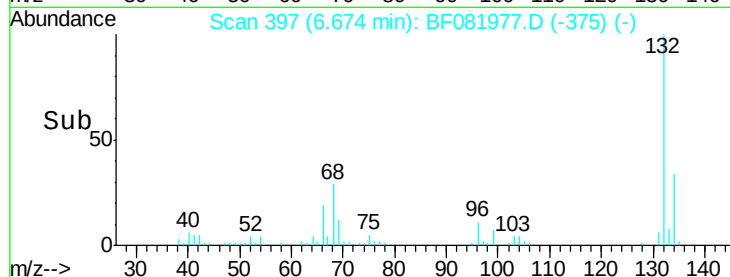
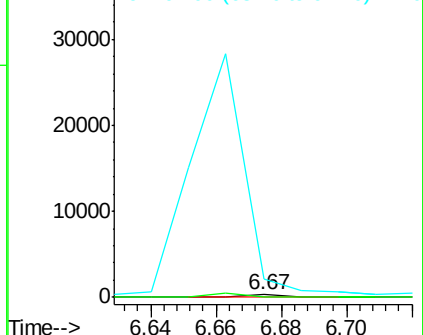
64 615.2 20.5 60.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 0.22 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.05 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

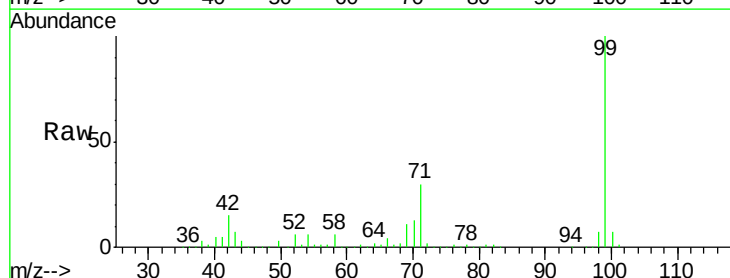
Tgt Ion: 77 Resp: 1007

Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

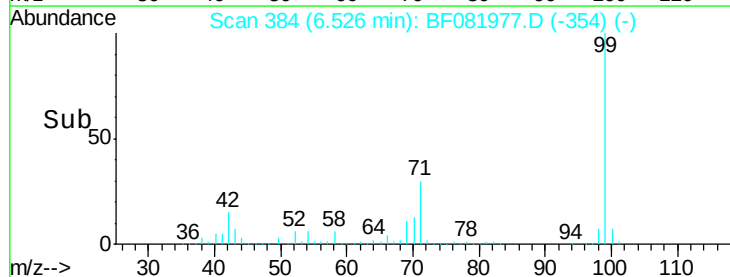
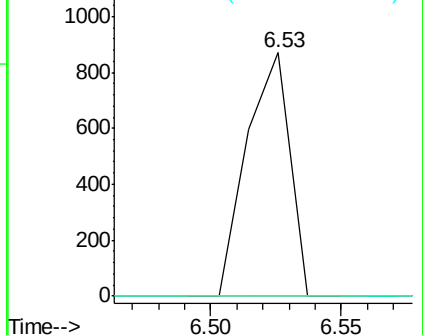
106 0.0 102.6 142.6#

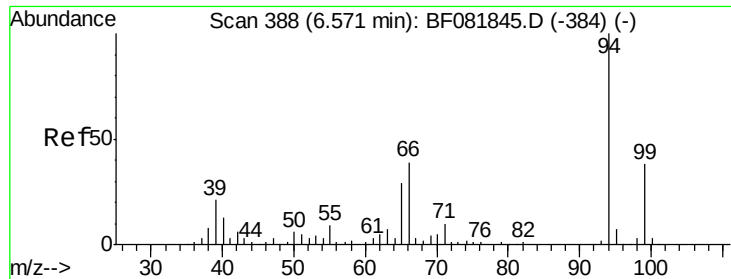


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

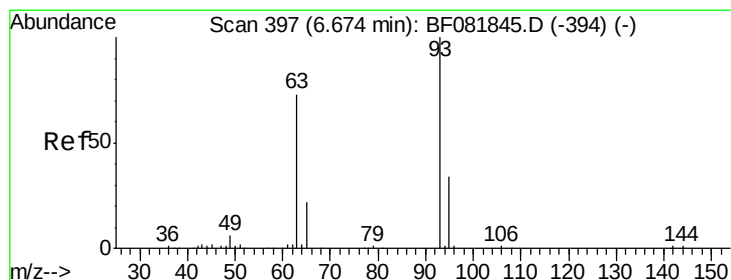
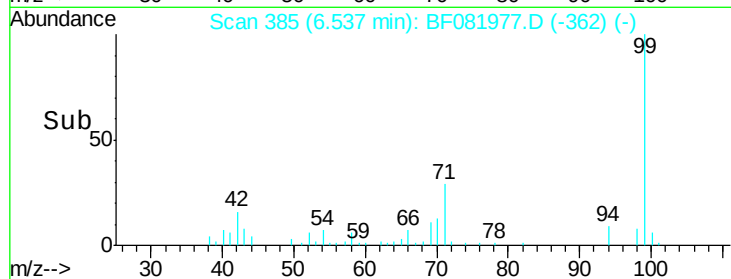
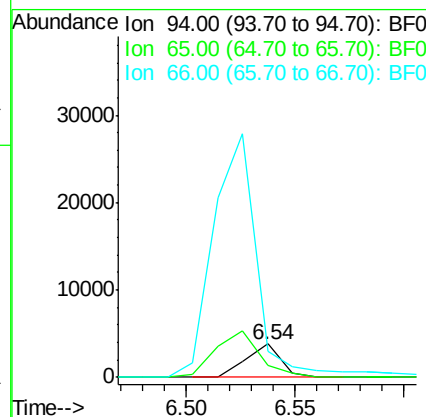
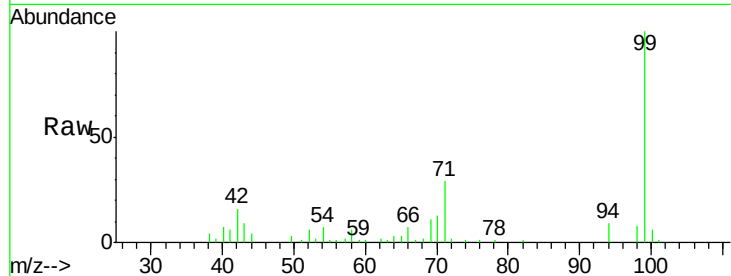




#10
Phenol
Concen: 0.54 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.03 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

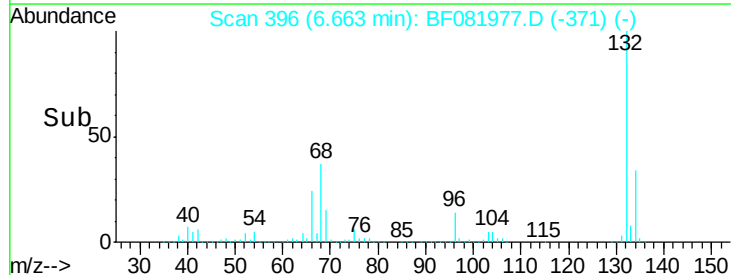
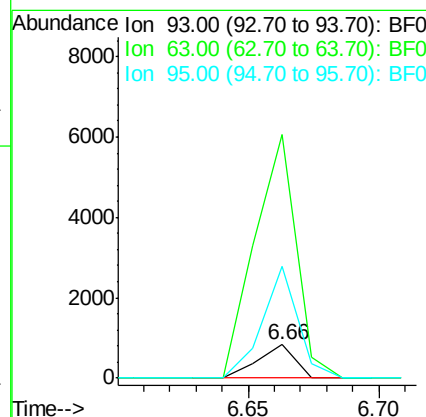
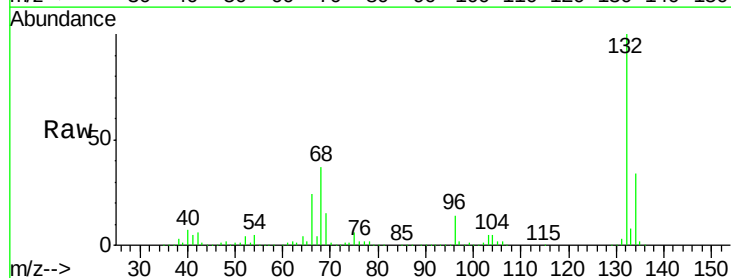
Instrument :
BNA_F
ClientSampleId :
A7-COMP

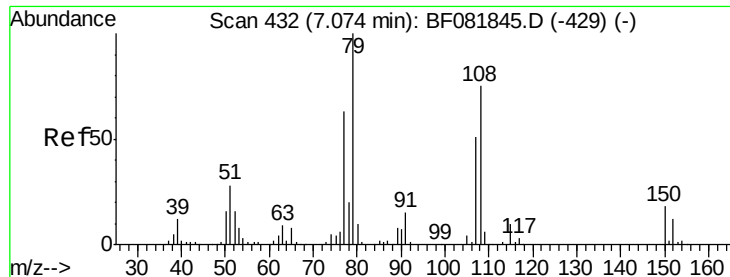
Tot Ion: 94 Resp: 4214
Ion Ratio Lower Upper
94 100
65 37.2 0.7 40.7
66 75.8 0.8 40.8#



#11
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 6.66 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Tgt Ion: 93 Resp: 826
Ion Ratio Lower Upper
93 100
63 732.0 65.6 105.6#
95 334.9 13.6 53.6#





#15

Benzyl Alcohol

Concen: 1.65 ng

RT: 7.05 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

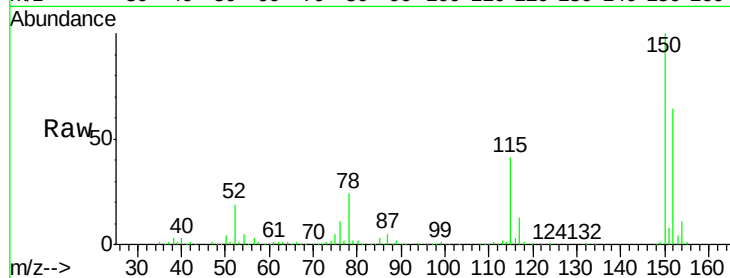
Tot Ion: 79 Resp: 8235

Ion Ratio Lower Upper

79 100

108 28.5 88.6 132.8#

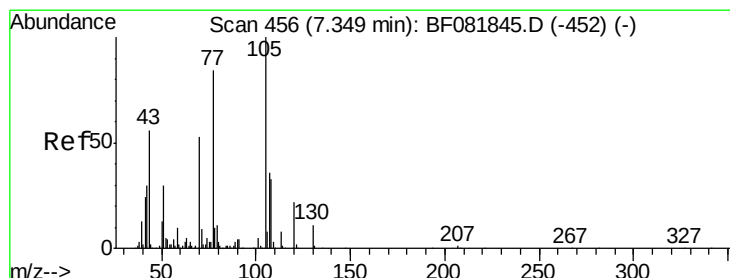
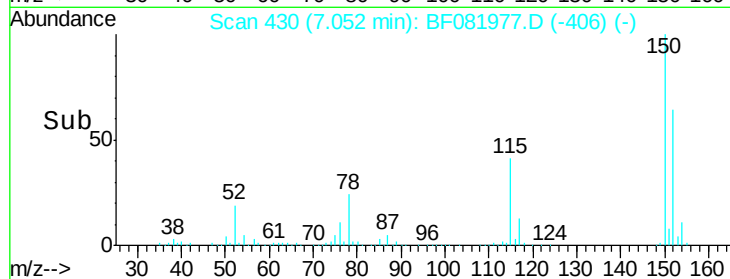
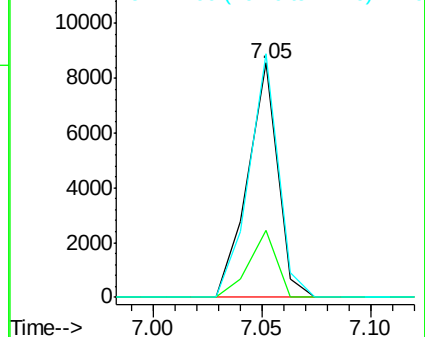
77 103.8 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.25 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Tgt Ion: 70 Resp: 64038

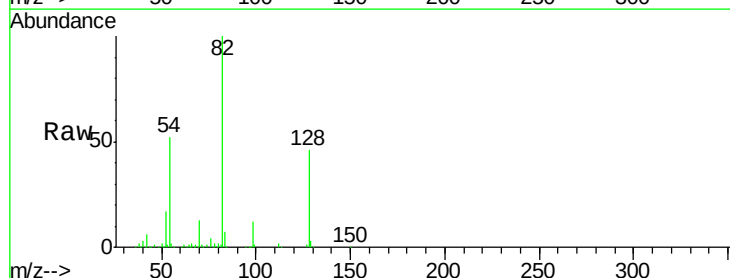
Ion Ratio Lower Upper

70 100

42 44.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.5 27.3 40.9#

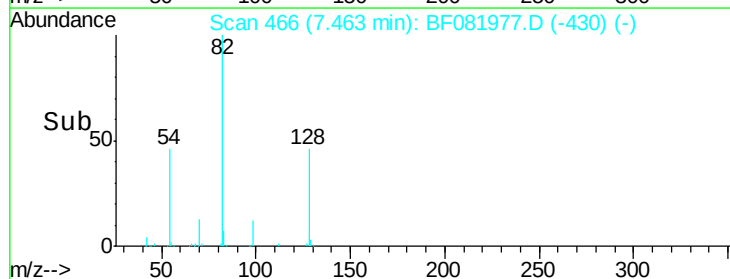
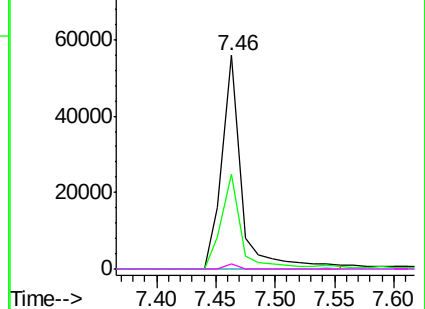


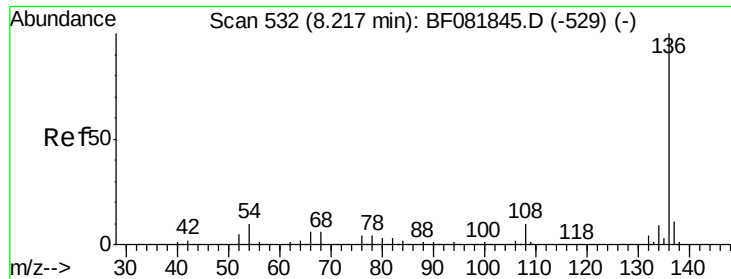
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

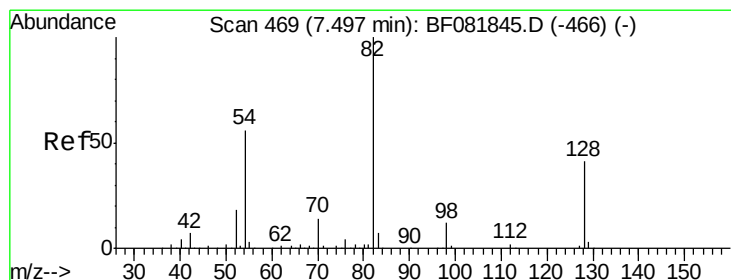
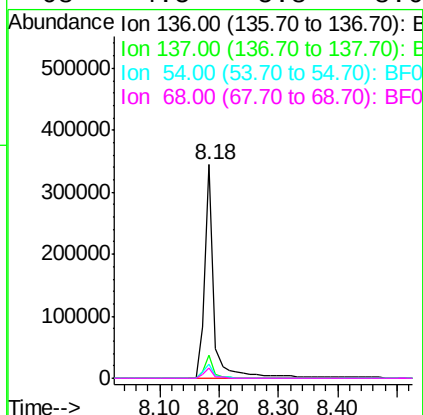
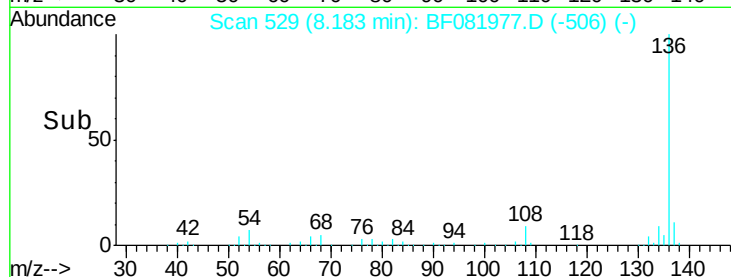
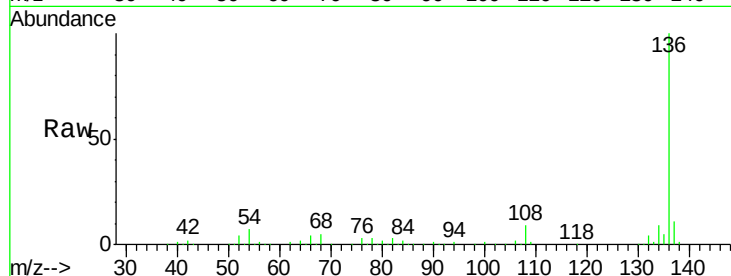




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

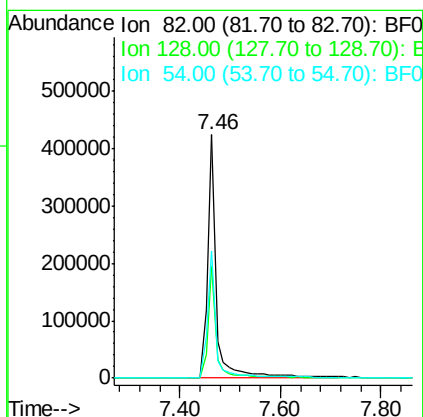
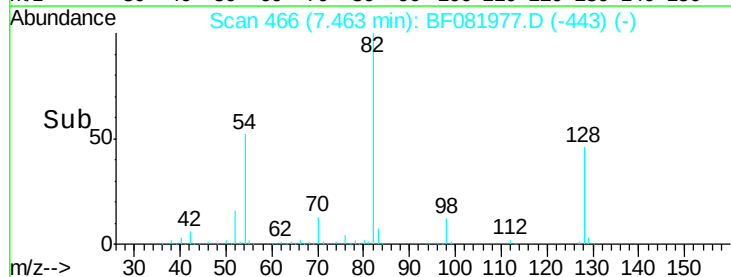
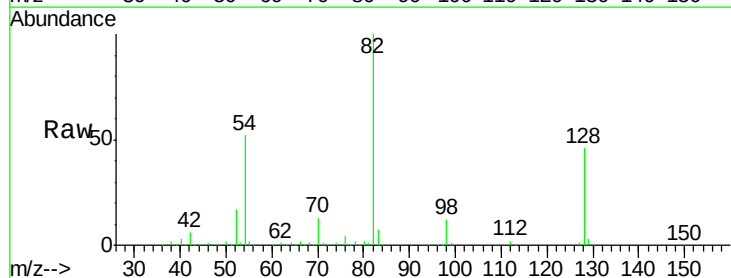
Instrument :
BNA_F
ClientSampleId :
A7-COMP

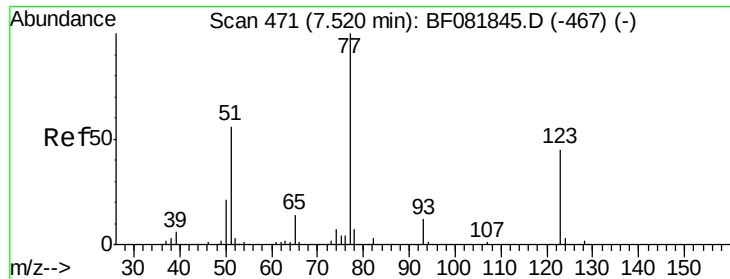
Tot Ion:136	Resp:	391490
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	6.7	8.2 12.2#
68	4.5	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 88.21 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Tgt Ion: 82	Resp:	518080
Ion Ratio	Lower	Upper
82	100	
128	46.0	51.0 76.6#
54	52.4	47.5 71.3





#24

Nitrobenzene

Concen: 0.16 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.06 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampled :

A7-COMP

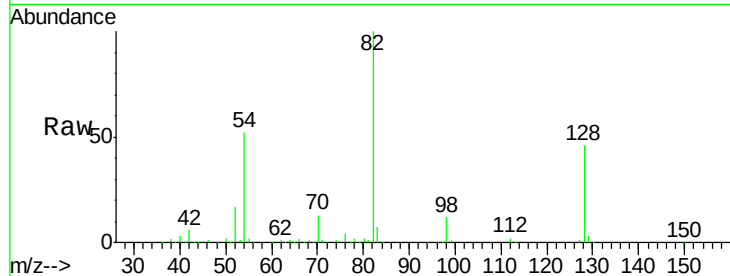
Tot Ion: 77 Resp: 1049

Ion Ratio Lower Upper

77 100

123 0.0 59.8 89.8#

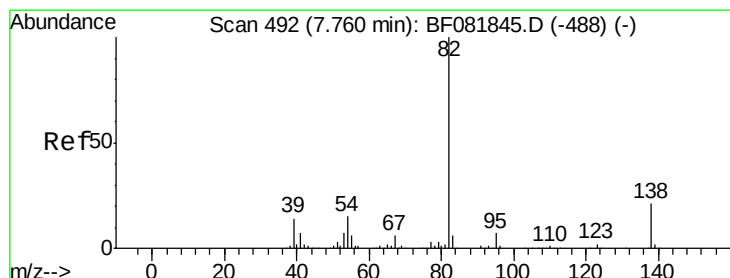
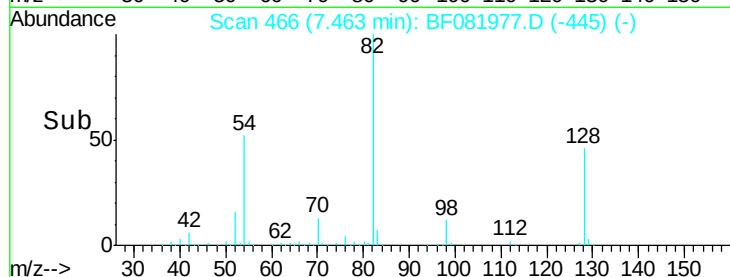
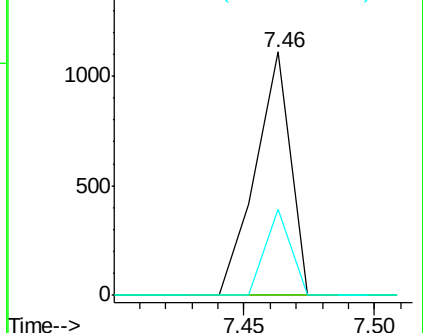
65 35.6 10.2 15.4#



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: 36.94 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

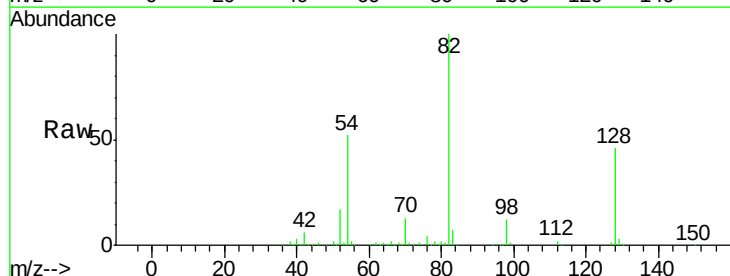
Tgt Ion: 82 Resp: 429948

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

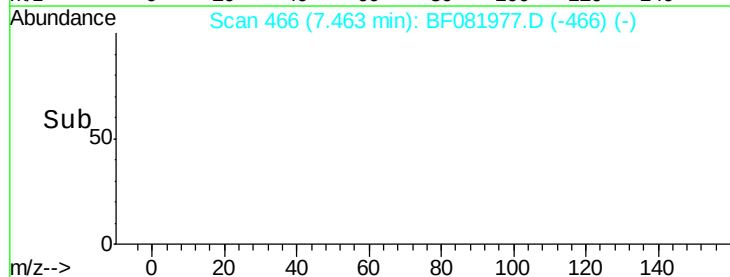
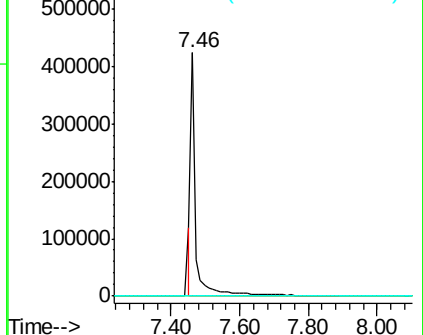
138 0.0 18.3 27.5#

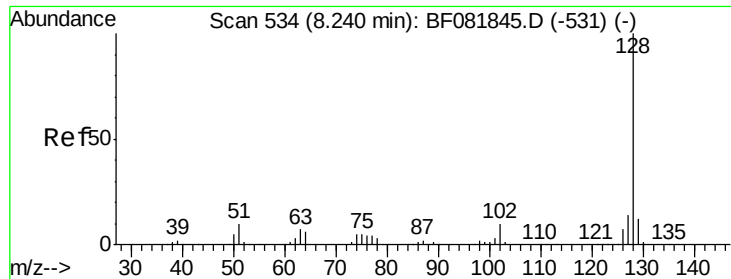


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

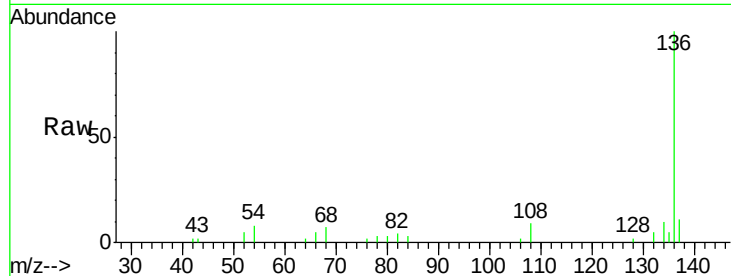




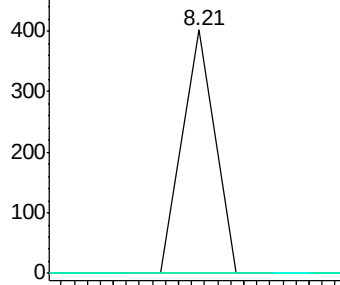
#31
Naphthalene
Concen: 0.02 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Instrument :
BNA_F
ClientSampleId :
A7-COMP

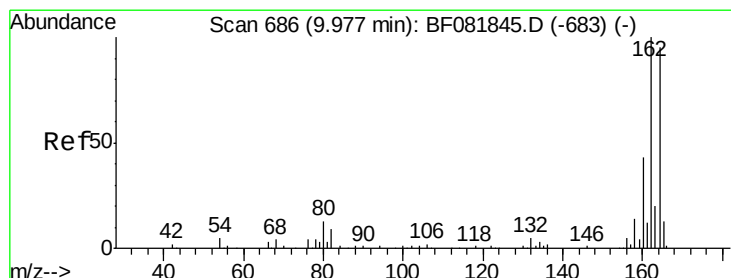
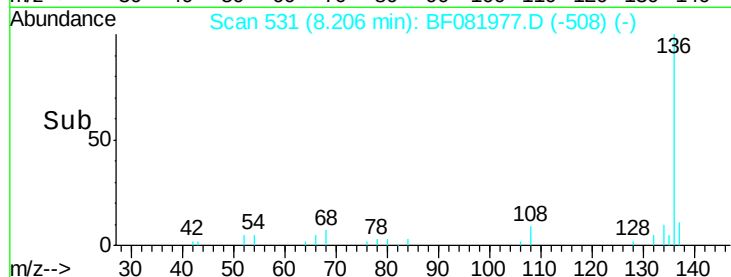
Tot Ion:128 Resp: 276
Ion Ratio Lower Upper
128 100
129 0.0 8.4 12.6#
127 0.0 9.9 14.9#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

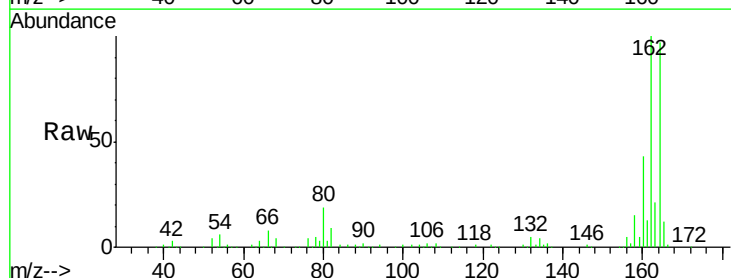


Time-->

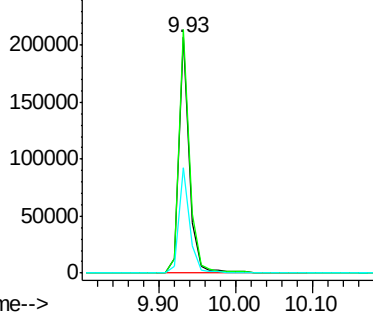


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

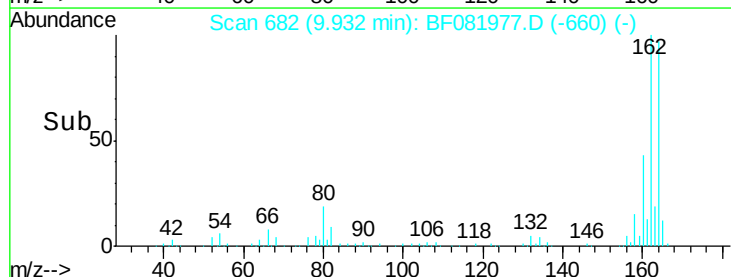
Tgt Ion:164 Resp: 194058
Ion Ratio Lower Upper
164 100
162 103.3 75.2 112.8
160 44.8 31.5 47.3

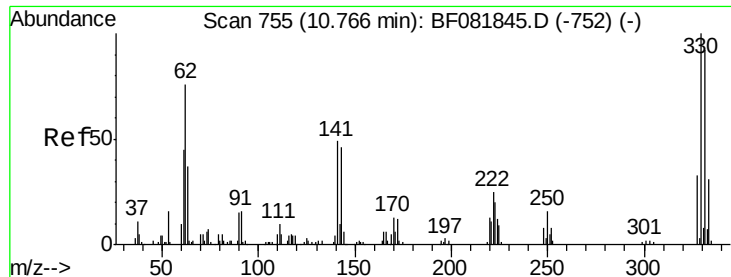


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

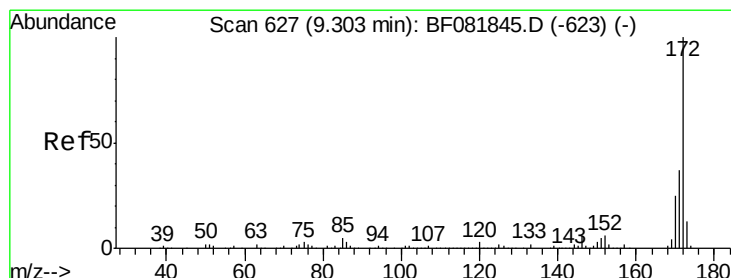
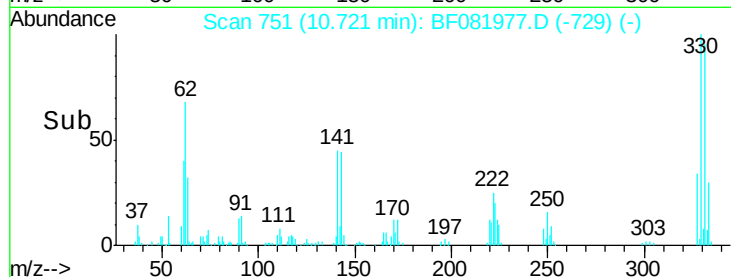
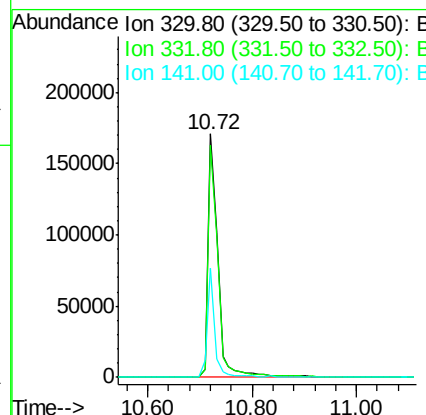
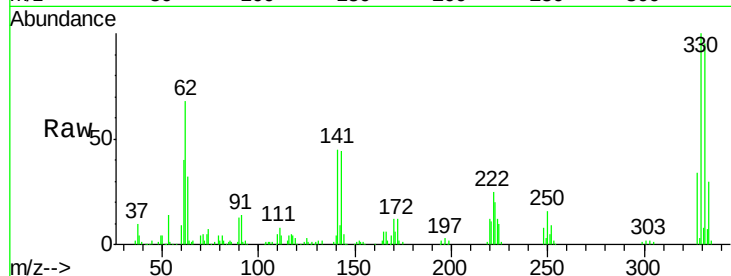




#41
 2,4,6-Tribromophenol
 Concen: 115.51 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081977.D
 Acq: 2 Oct 2015 10:22

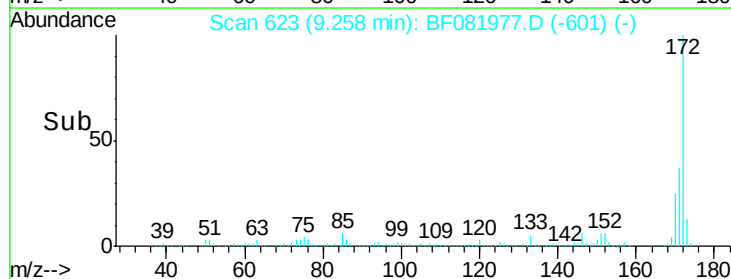
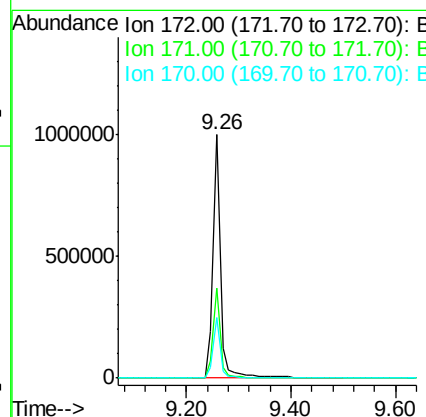
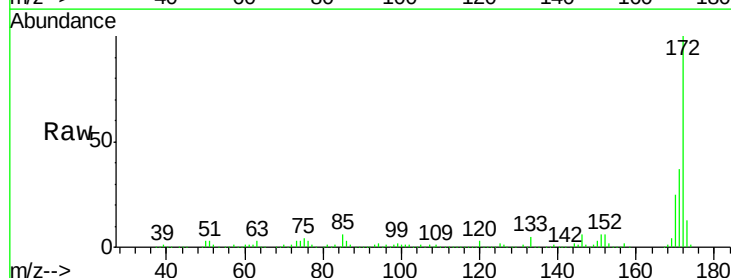
Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

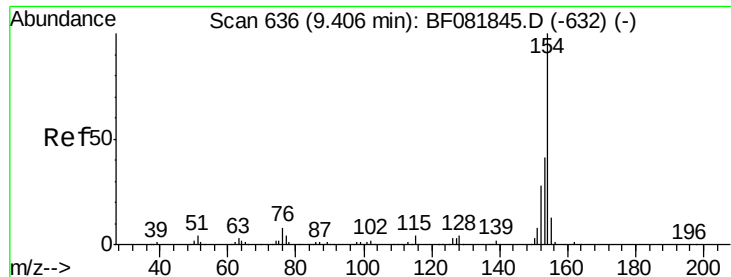
Tot Ion:330 Resp: 227021
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 35.3 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 88.06 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081977.D
 Acq: 2 Oct 2015 10:22

Tgt Ion:172 Resp: 1014063
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.1 39.1
 170 24.8 17.4 26.2





#45

1,1'-Biphenyl

Concen: 0.11 ng

RT: 9.26 min Scan# 623

Delta R.T. -0.15 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

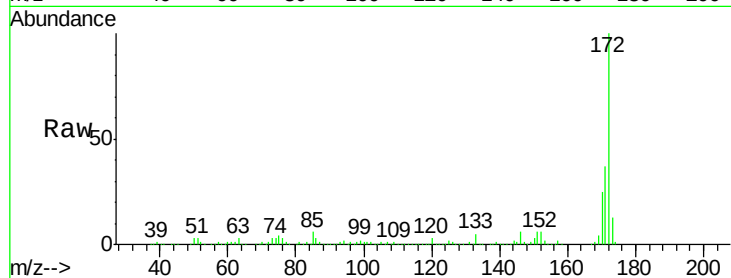
Tot Ion:154 Resp: 1686

Ion Ratio Lower Upper

154 100

153 905.9 17.1 57.1#

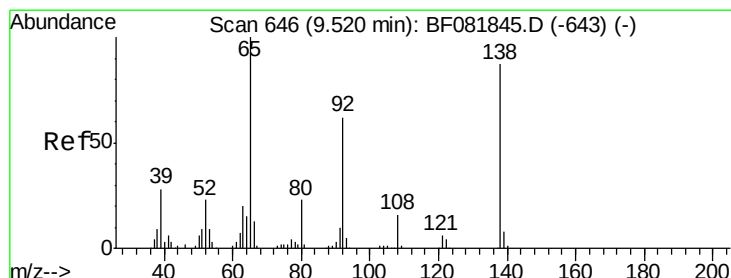
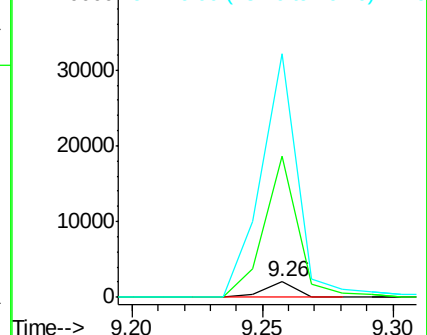
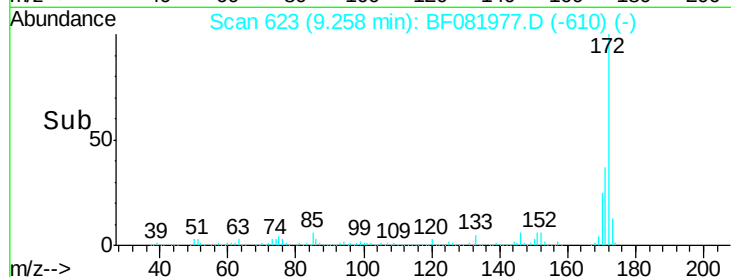
76 1558.1 0.0 31.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.48 ng

RT: 9.65 min Scan# 657

Delta R.T. 0.13 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

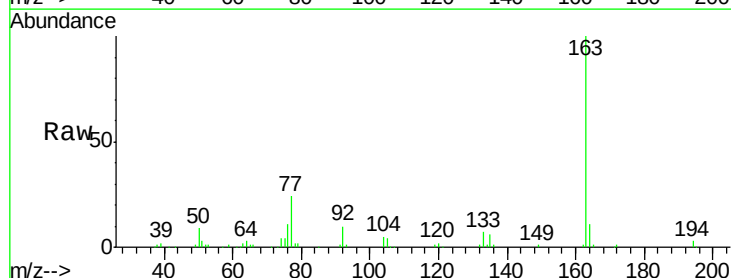
Tgt Ion: 65 Resp: 1660

Ion Ratio Lower Upper

65 100

92 947.7 55.4 83.0#

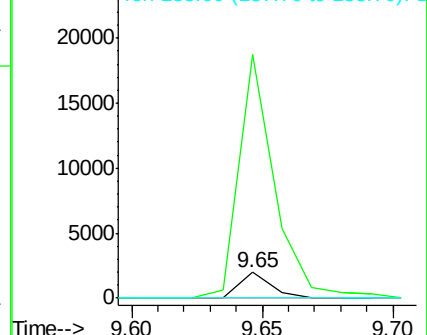
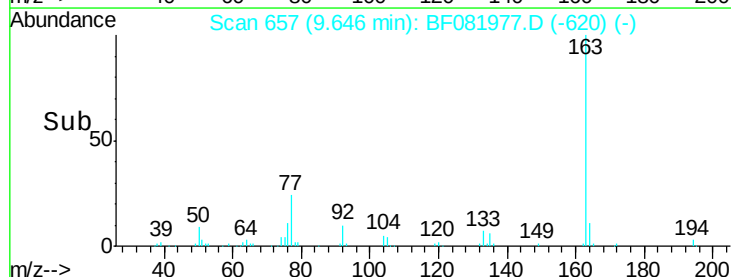
138 0.0 115.5 173.3#

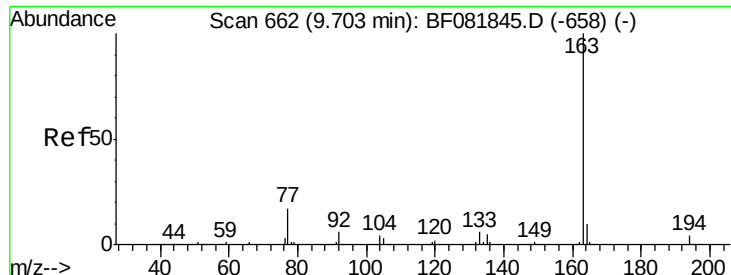


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 16.75 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampled :

A7-COMP

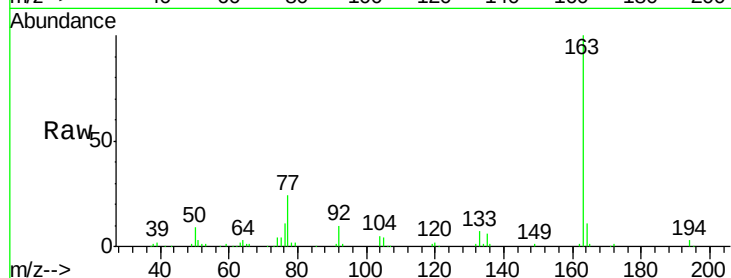
Tot Ion:163 Resp: 224369

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

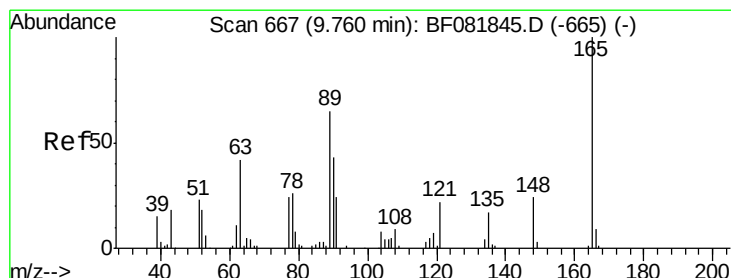
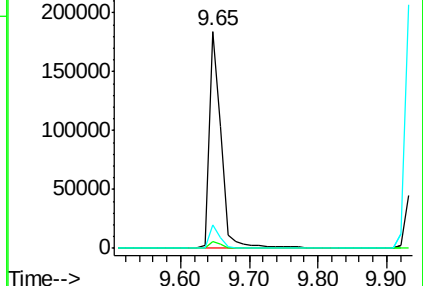
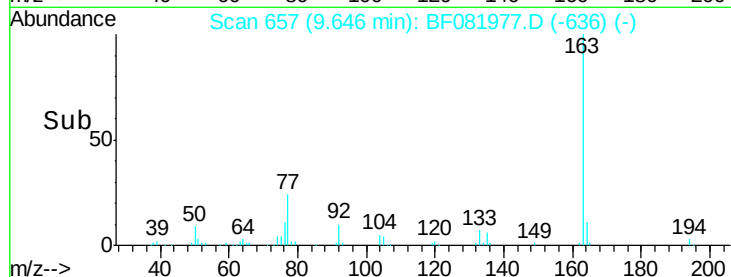
164 10.6 8.3 12.5



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: 0.83 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.11 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

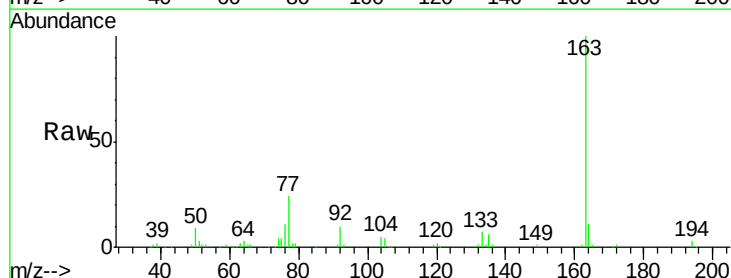
Tgt Ion:165 Resp: 2416

Ion Ratio Lower Upper

165 100

63 167.7 32.3 48.5#

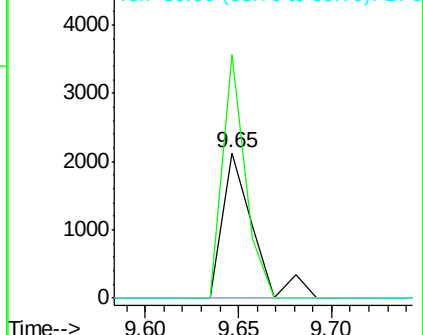
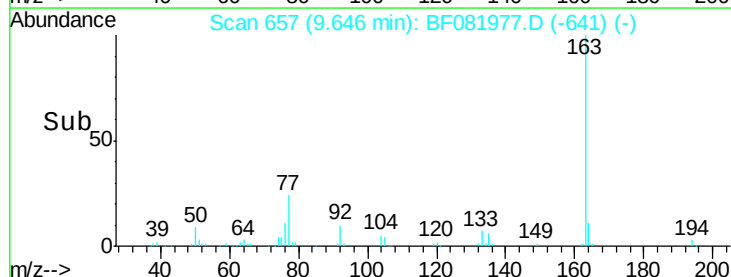
89 0.0 28.6 43.0#

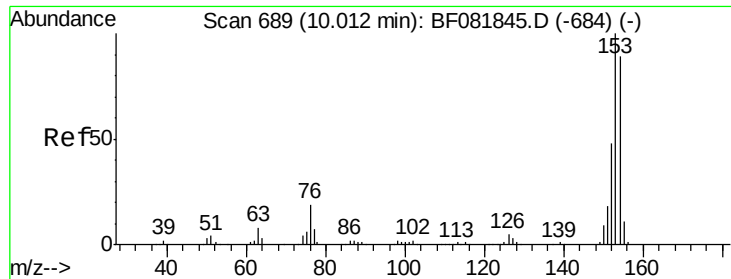


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.04 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.08 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

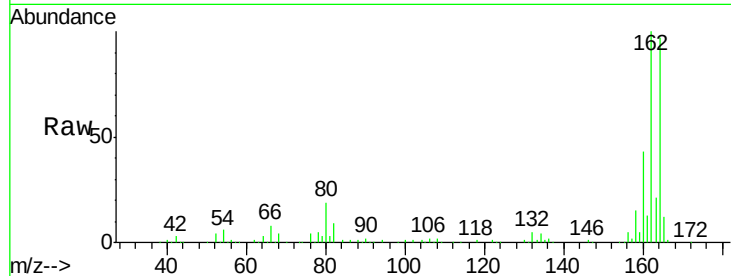
Tot Ion:154 Resp: 465

Ion Ratio Lower Upper

154 100

153 0.0 82.1 123.1#

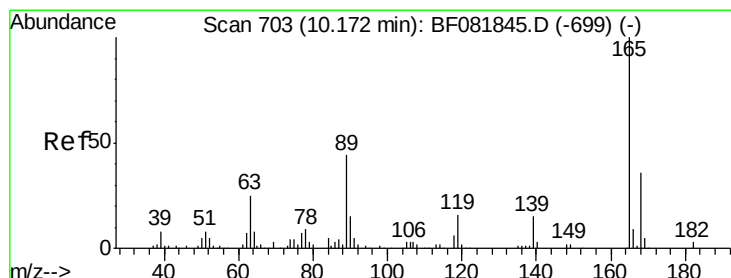
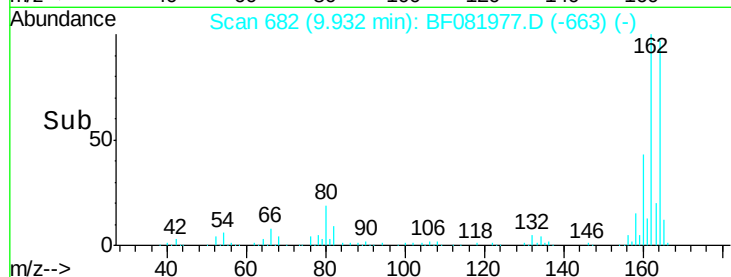
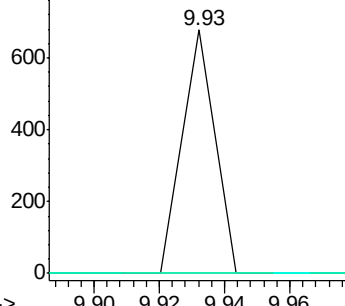
152 0.0 37.9 56.9#



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: 6.45 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Tgt Ion:165 Resp: 23903

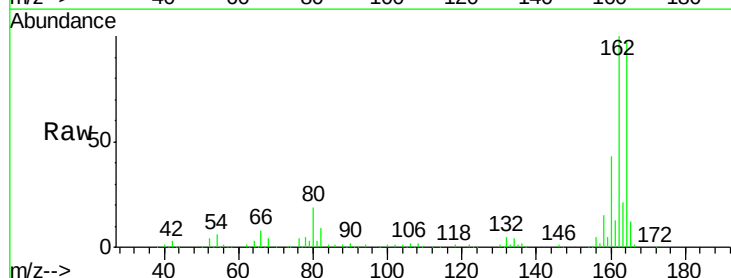
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.6#

89 1.2 44.5 66.7#

182 0.0 3.0 4.4#

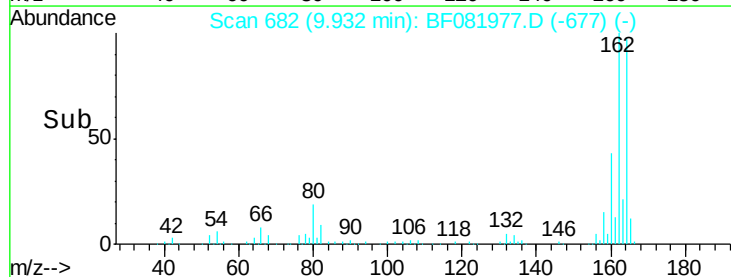
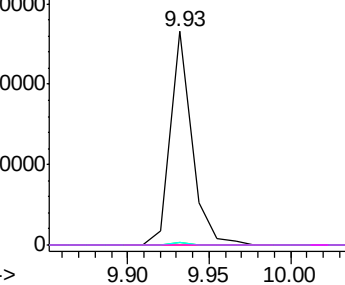


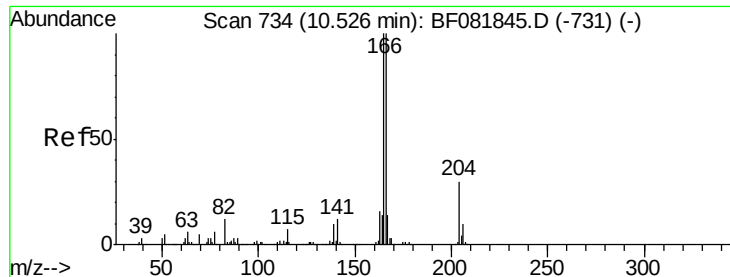
Abundance Ion 165.00 (164.70 to 165.70): E

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

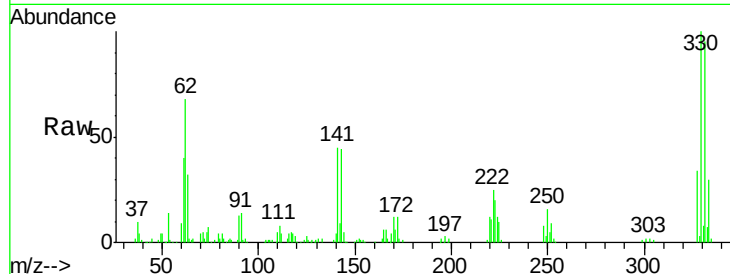




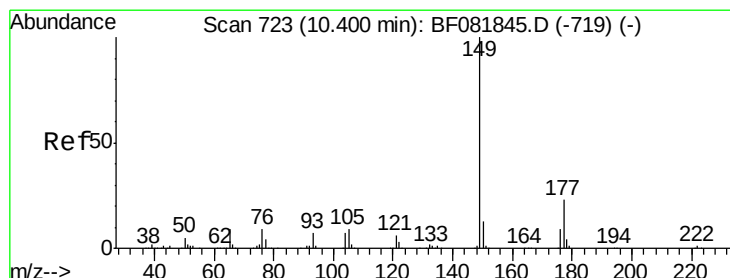
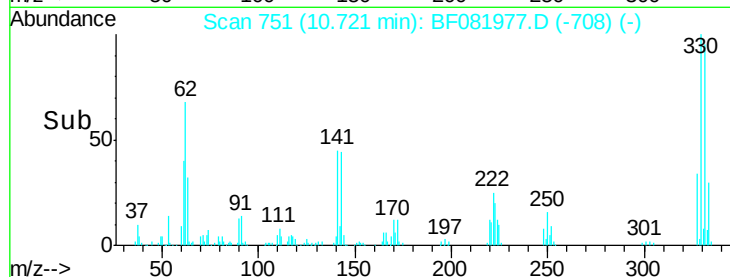
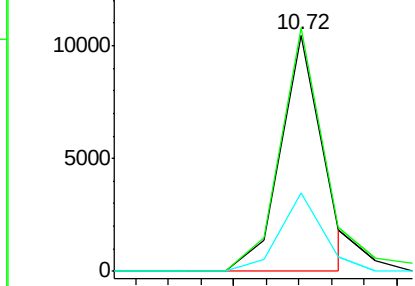
#57
Fluorene
Concen: Below Cal
RT: 10.72 min Scan# 751
Delta R.T. 0.19 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Instrument :
BNA_F
ClientSampleId :
A7-COMP

Tot Ion:166 Resp: 9395
Ion Ratio Lower Upper
166 100
165 103.1 72.6 109.0
167 33.0 10.6 16.0#

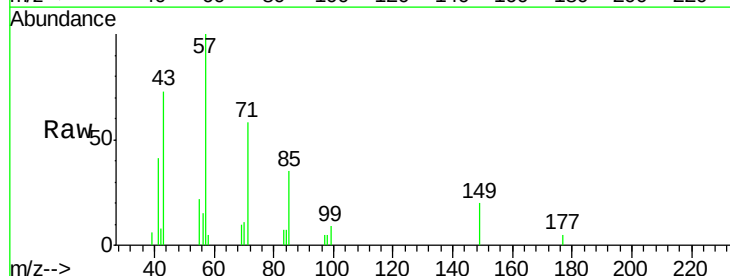


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

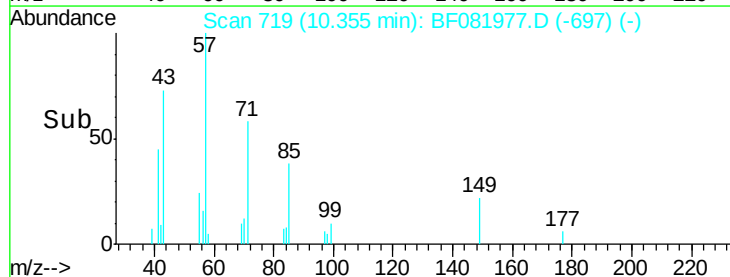
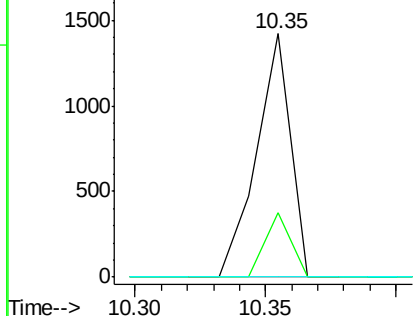


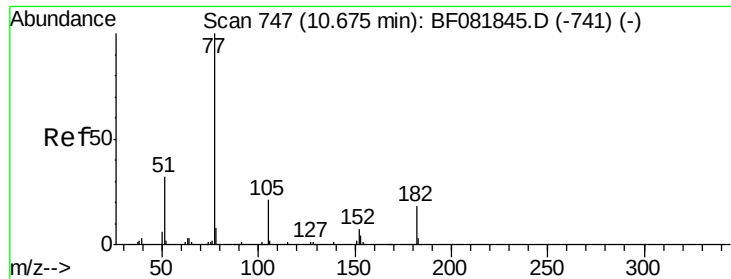
#59
Diethylphthalate
Concen: 0.10 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Tgt Ion:149 Resp: 1302
Ion Ratio Lower Upper
149 100
177 26.5 17.5 26.3#
150 0.0 9.4 14.2#



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: 0.08 ng

RT: 10.72 min Scan# 751

Delta R.T. 0.05 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

Tot Ion: 77 Resp: 977

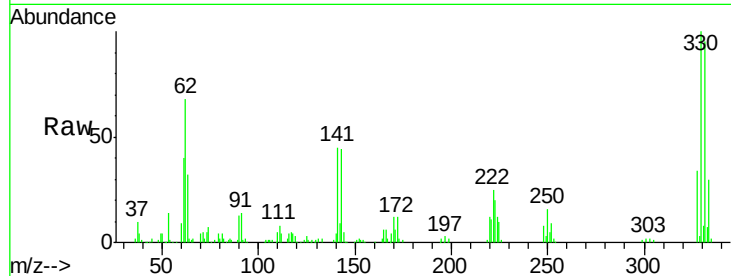
Ion Ratio Lower Upper

77 100

182 0.0 15.1 55.1#

105 93.3 3.4 43.4#

51 78.1 12.0 52.0#

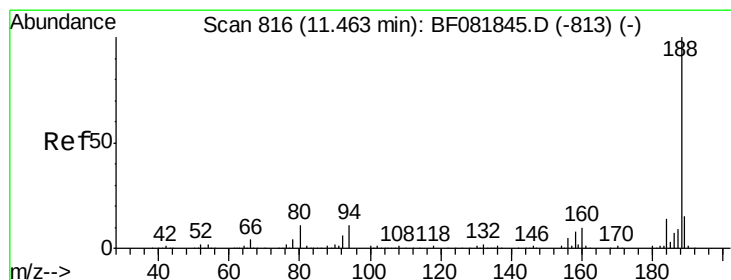
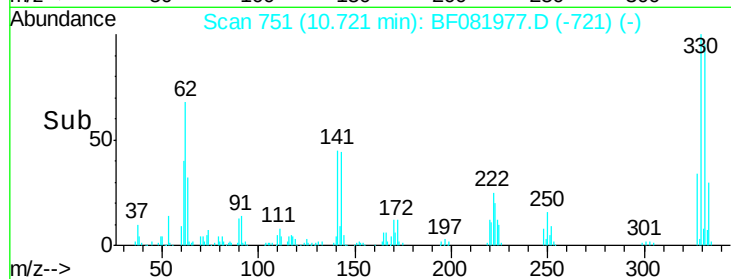
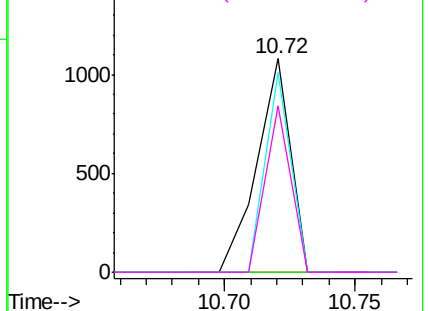


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

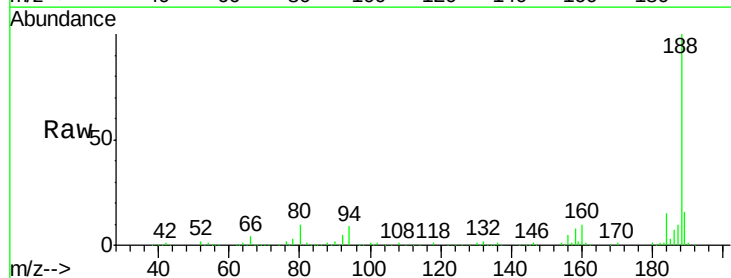
Tgt Ion: 188 Resp: 381049

Ion Ratio Lower Upper

188 100

94 9.3 11.1 16.7#

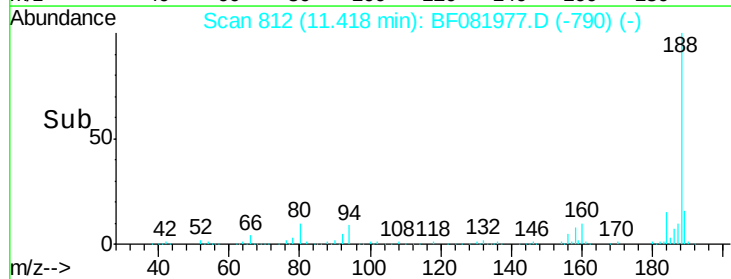
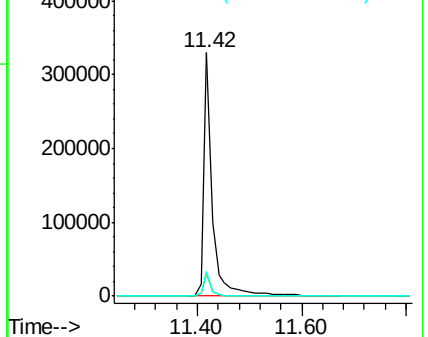
80 10.1 11.0 16.4#

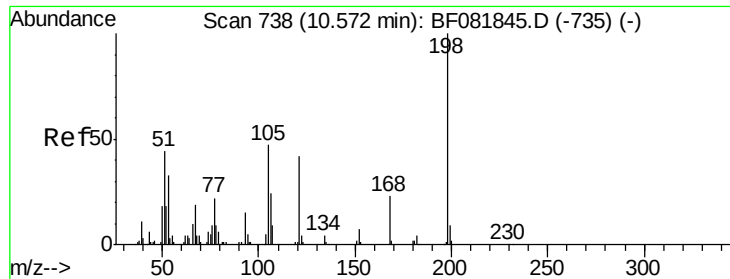


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

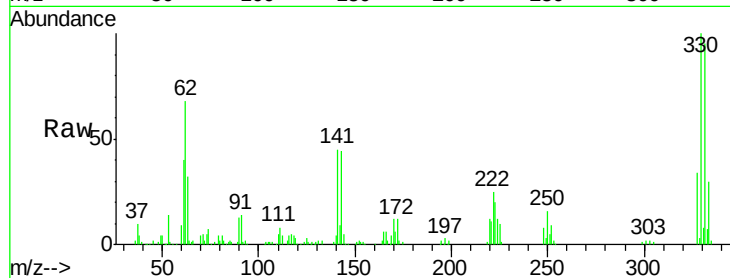




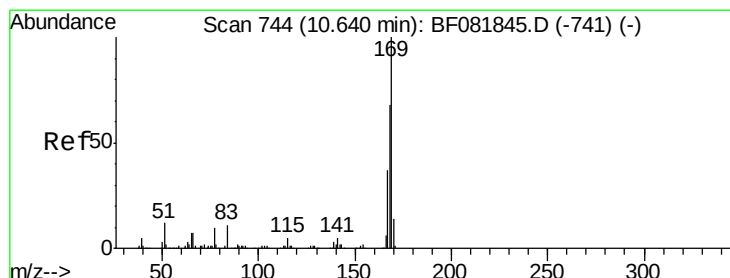
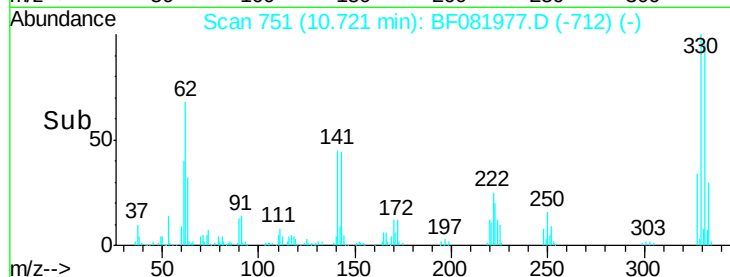
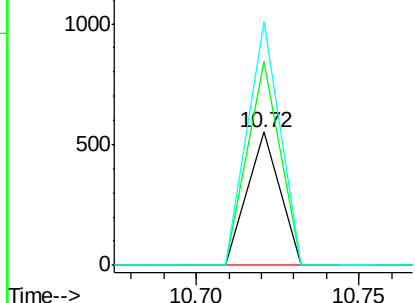
#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.42 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.15 min
 Lab File: BF081977.D
 Acq: 2 Oct 2015 10:22

Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

Tot Ion:198 Resp: 378
 Ion Ratio Lower Upper
 198 100
 51 153.0 39.6 79.6#
 105 182.9 28.5 68.5#

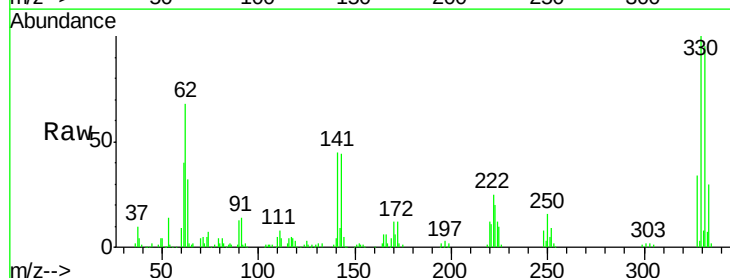


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

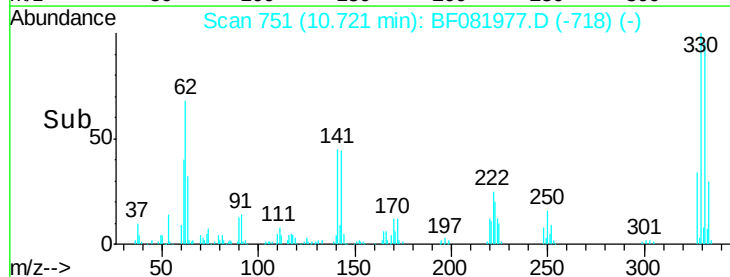
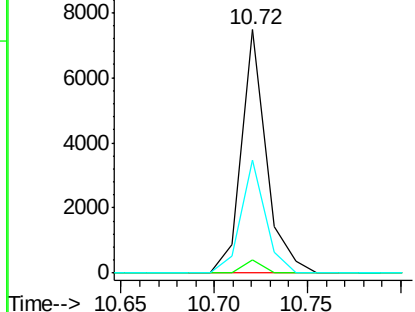


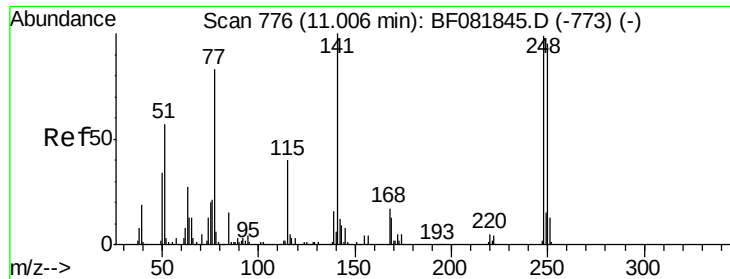
#65
 n-Nitrosodiphenylamine
 Concen: 0.60 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.08 min
 Lab File: BF081977.D
 Acq: 2 Oct 2015 10:22

Tgt Ion:169 Resp: 6962
 Ion Ratio Lower Upper
 169 100
 168 5.6 48.9 73.3#
 167 46.2 26.2 39.4#



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: 3.87 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

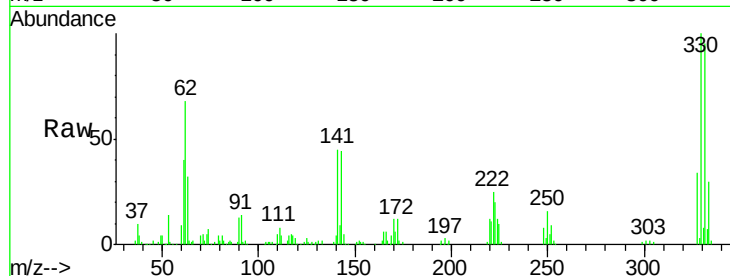
Tot Ion:248 Resp: 14861

Ion Ratio Lower Upper

248 100

250 196.1 78.5 117.7#

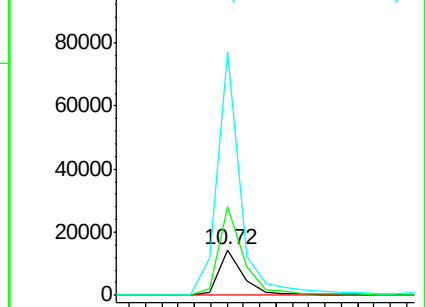
141 538.6 59.0 88.6#



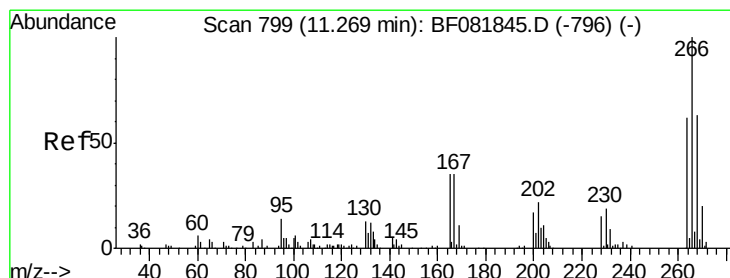
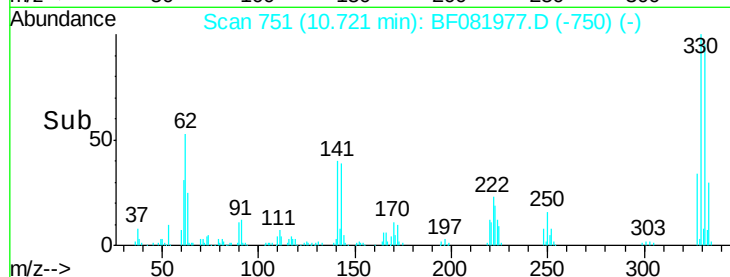
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#69

Pentachlorophenol

Concen: 0.25 ng

RT: 11.22 min Scan# 795

Delta R.T. -0.05 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

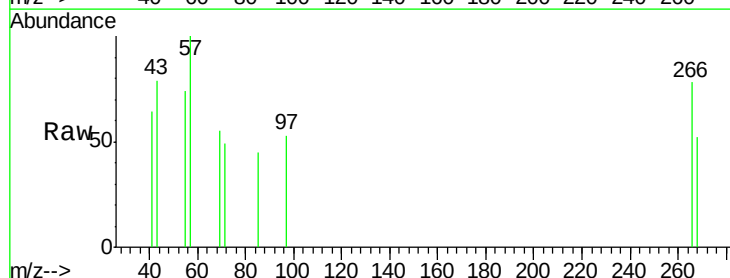
Tgt Ion:266 Resp: 607

Ion Ratio Lower Upper

266 100

268 66.5 49.8 74.6

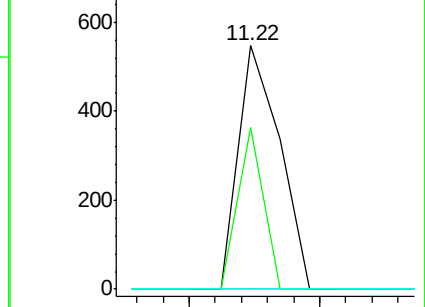
264 0.0 50.2 75.2#



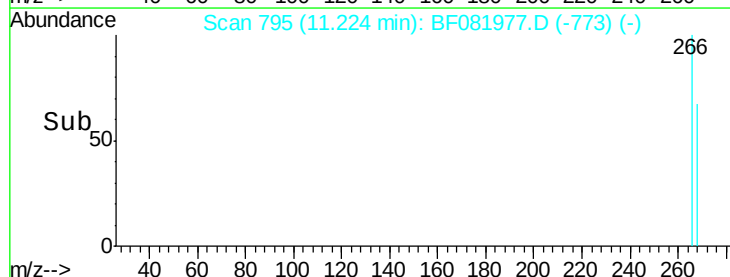
Abundance Ion 265.70 (265.40 to 266.40): E

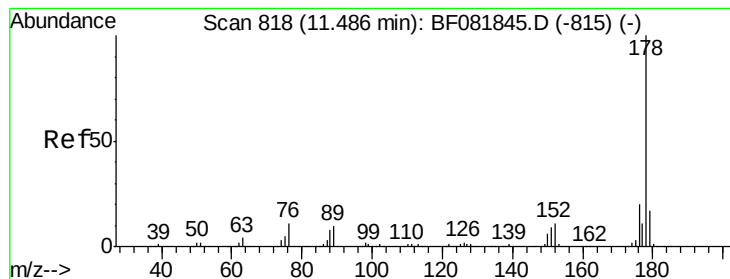
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->





#70

Phenanthrene

Concen: Below Cal

RT: 11.44 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

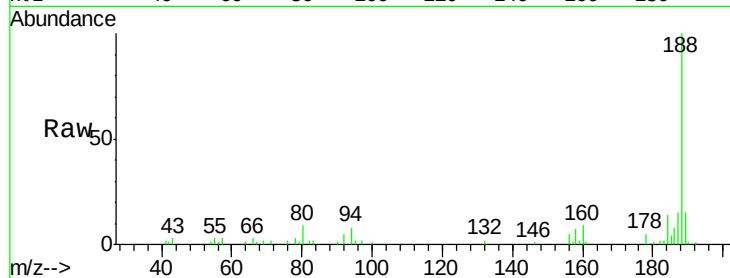
Tot Ion:178 Resp: 1269

Ion Ratio Lower Upper

178 100

176 0.0 13.8 20.8#

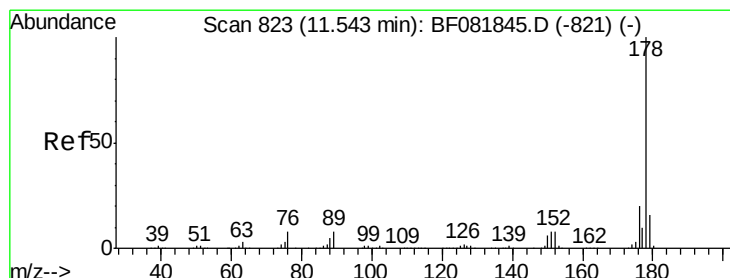
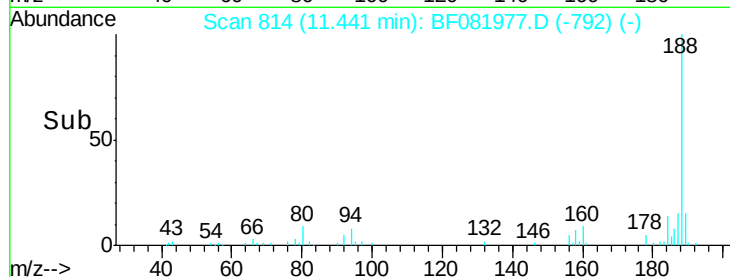
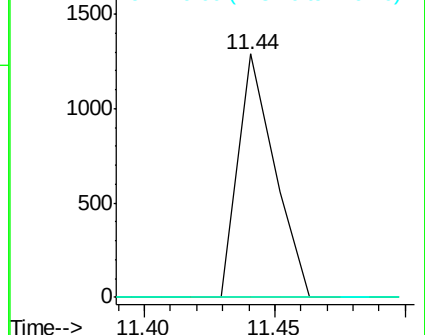
179 0.0 12.2 18.2#



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: 0.07 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.10 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

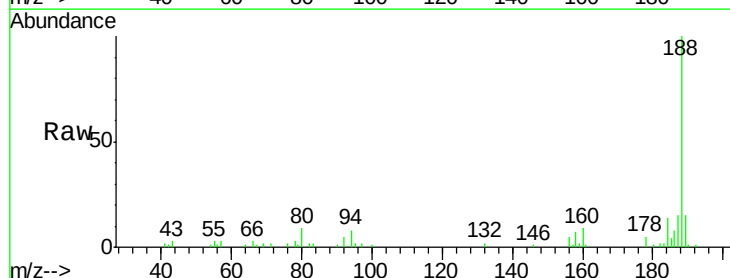
Tgt Ion:178 Resp: 1269

Ion Ratio Lower Upper

178 100

176 0.0 14.1 21.1#

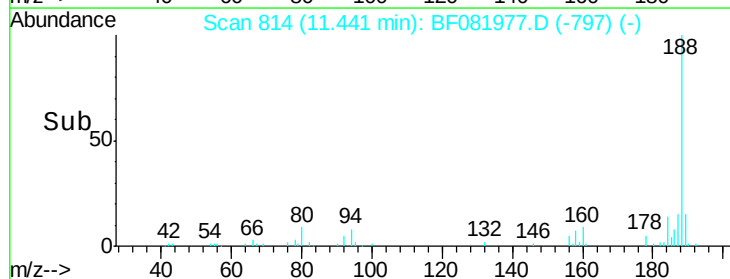
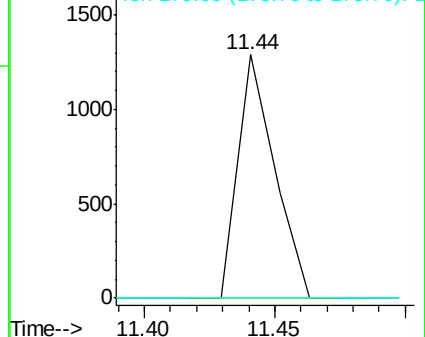
179 0.0 12.2 18.2#

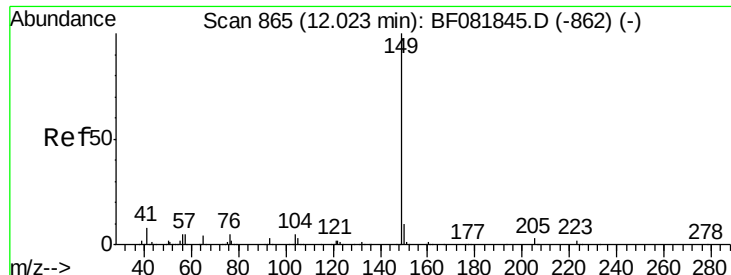


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

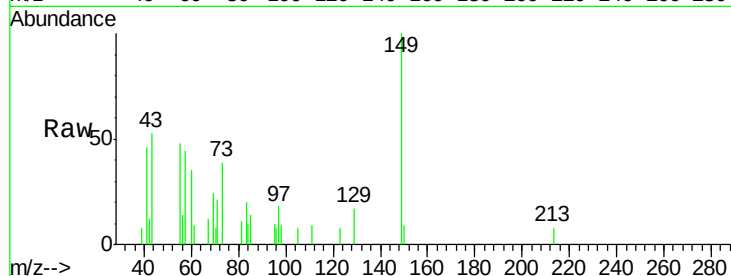




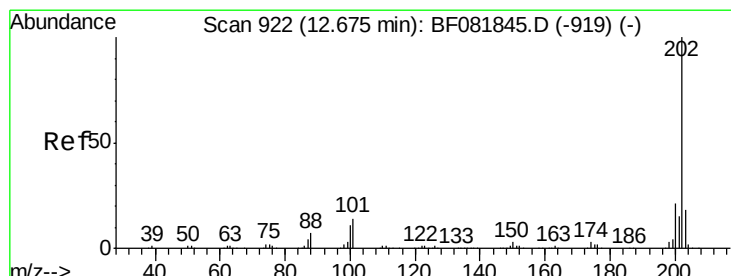
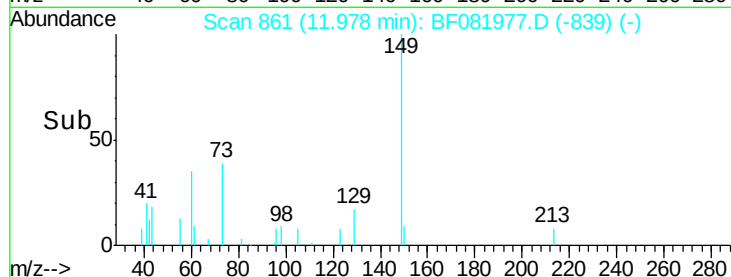
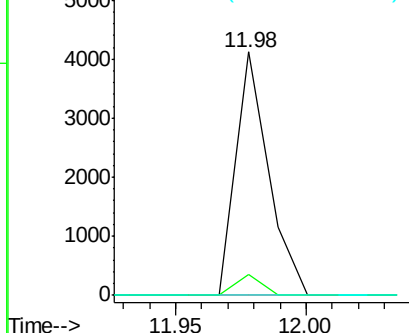
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.98 min Scan# 861
Delta R.T. -0.05 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Instrument :
BNA_F
ClientSampleId :
A7-COMP

Tot Ion:149 Resp: 3615
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.2
104 0.0 2.4 3.6#

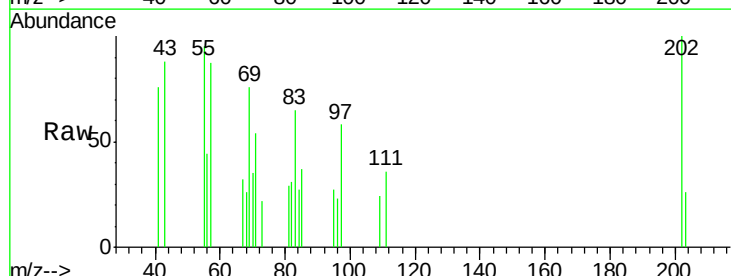


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

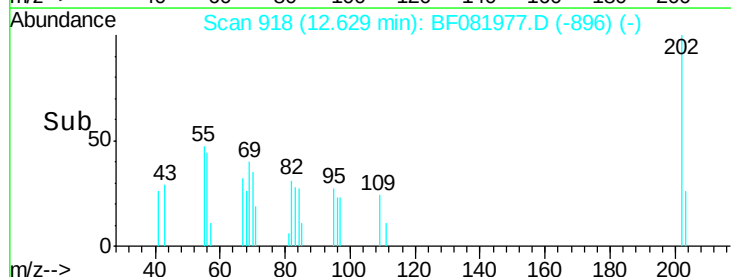
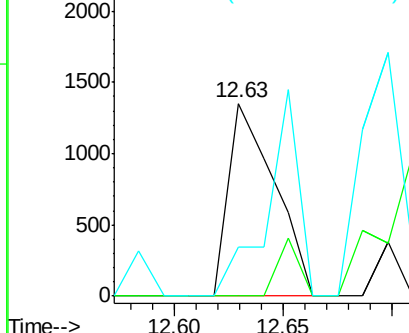


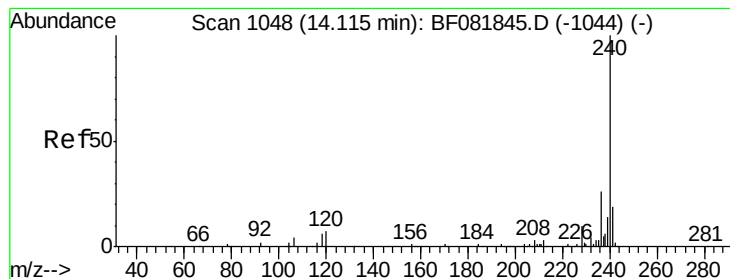
#74
Fluoranthene
Concen: 0.10 ng
RT: 12.63 min Scan# 918
Delta R.T. -0.05 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Tgt Ion:202 Resp: 1991
Ion Ratio Lower Upper
202 100
101 0.0 0.0 38.3
203 25.7 0.0 37.3



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

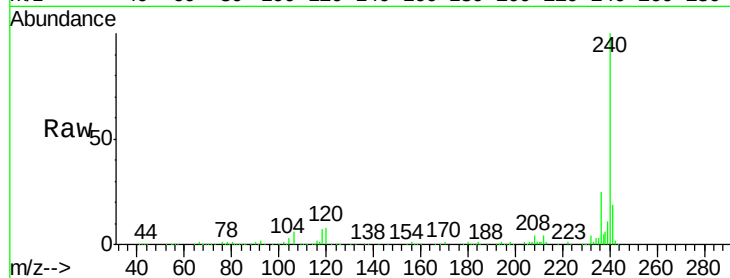
Tot Ion:240 Resp: 347611

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

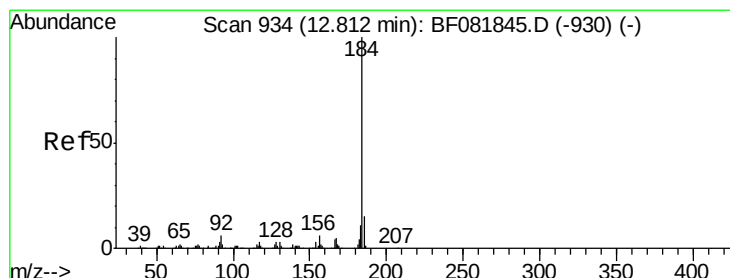
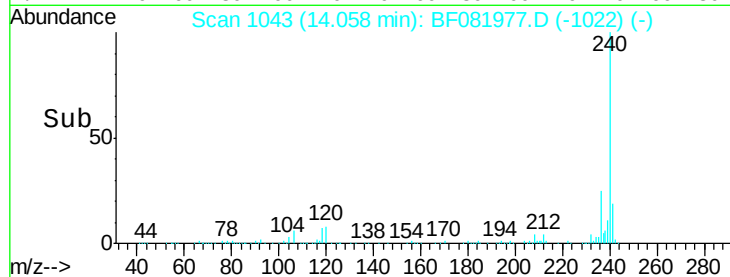
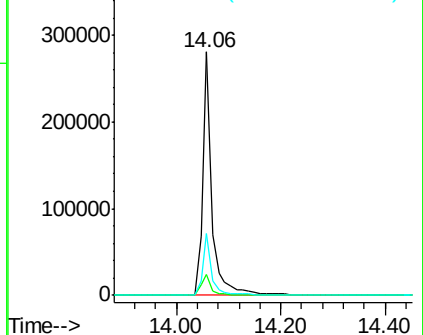
236 25.3 18.4 27.6



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



#76

Benzidine

Concen: 0.04 ng

RT: 12.72 min Scan# 926

Delta R.T. -0.09 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

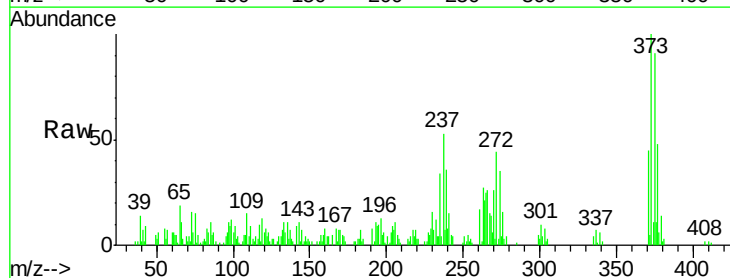
Tgt Ion:184 Resp: 427

Ion Ratio Lower Upper

184 100

185 132.9 11.8 17.6#

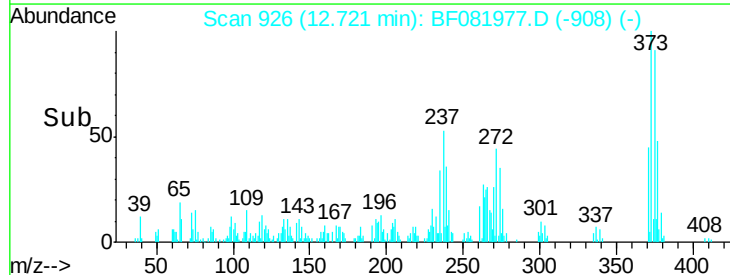
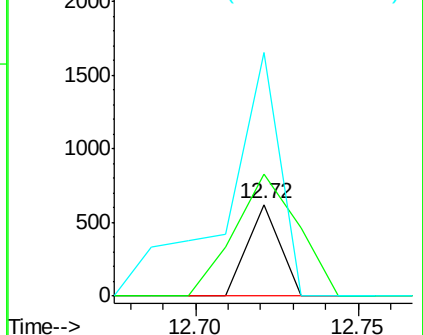
183 265.2 7.6 11.4#

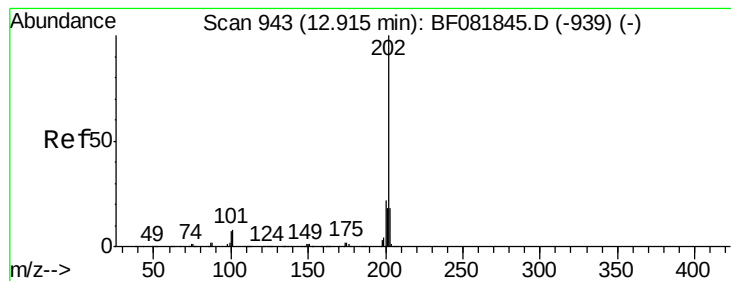


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.10 ng

RT: 12.86 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

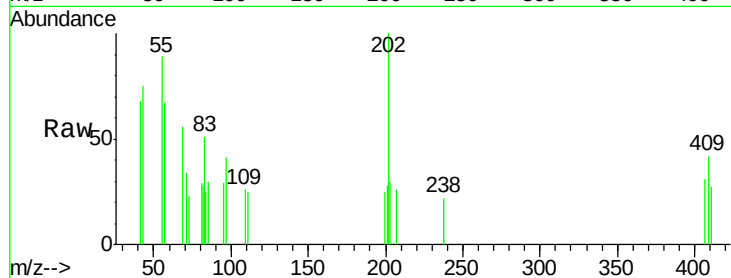
Tot Ion:202 Resp: 2077

Ion Ratio Lower Upper

202 100

200 24.6 15.0 22.4#

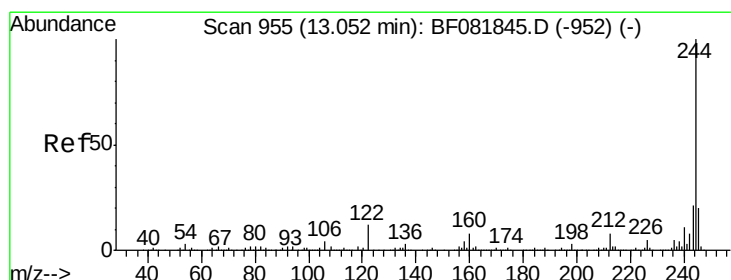
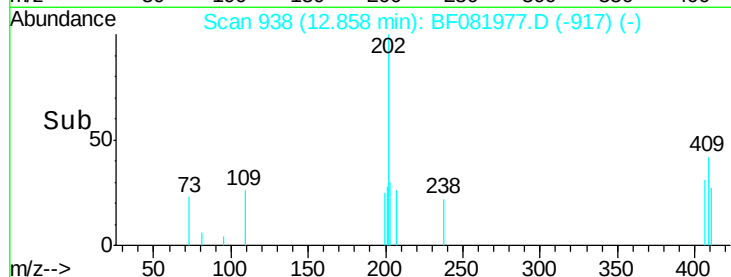
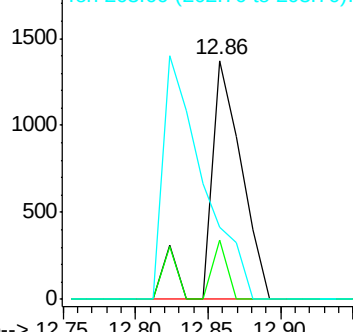
203 30.3 14.1 21.1#



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: 102.31 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

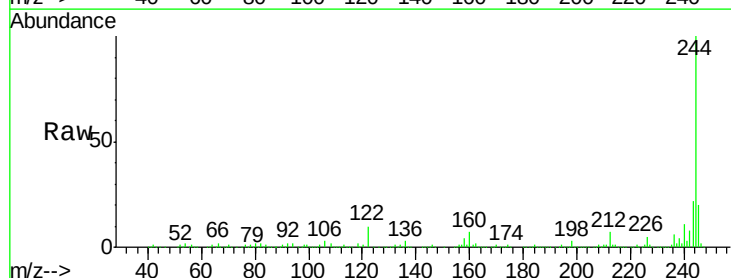
Tgt Ion:244 Resp: 1040137

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

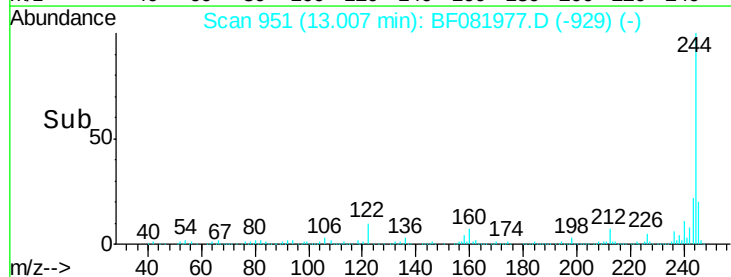
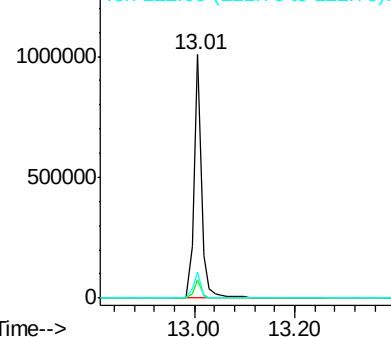
122 10.4 17.4 26.2#

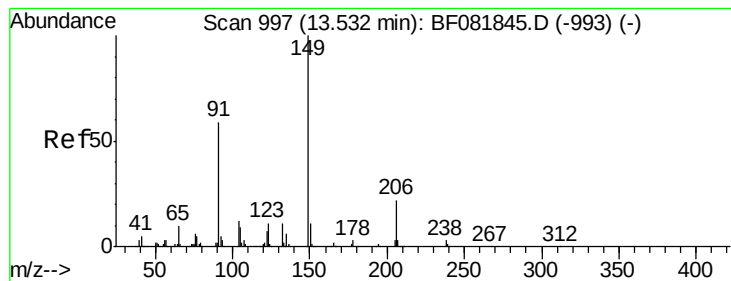


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.03 ng

RT: 13.46 min Scan# 991

Delta R.T. -0.07 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP

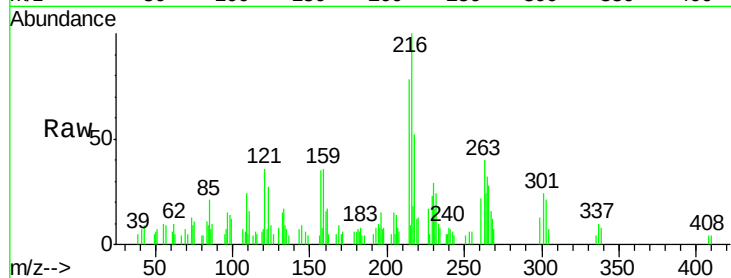
Tot Ion:149 Resp: 229

Ion Ratio Lower Upper

149 100

91 0.0 48.6 72.8#

206 364.1 14.9 22.3#



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

1500

1000

500

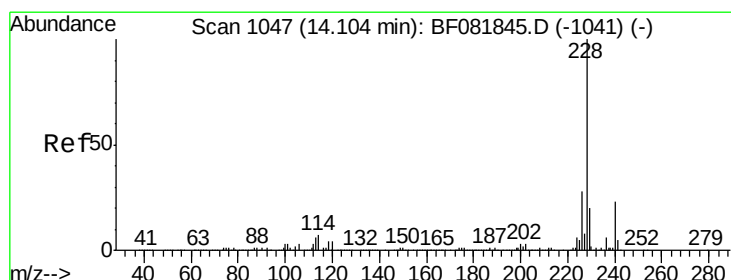
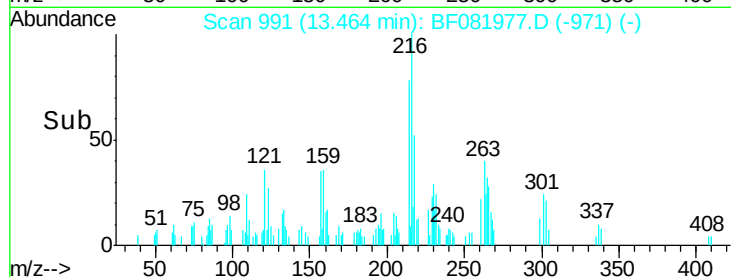
0

13.45

13.46

13.50

Time-->



#80

Benzo(a)anthracene

Concen: 0.20 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF081977.D

Acq: 2 Oct 2015 10:22

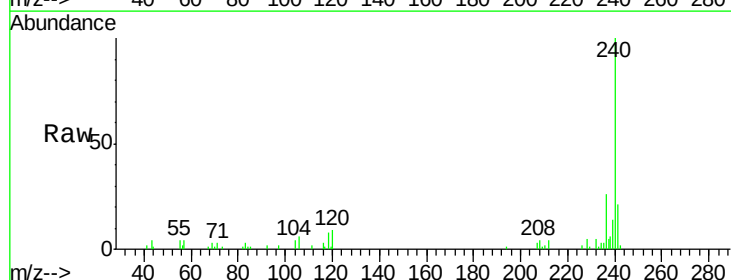
Tgt Ion:228 Resp: 3681

Ion Ratio Lower Upper

228 100

226 30.0 20.0 30.0#

229 27.7 15.4 23.2#



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

1500

1000

500

0

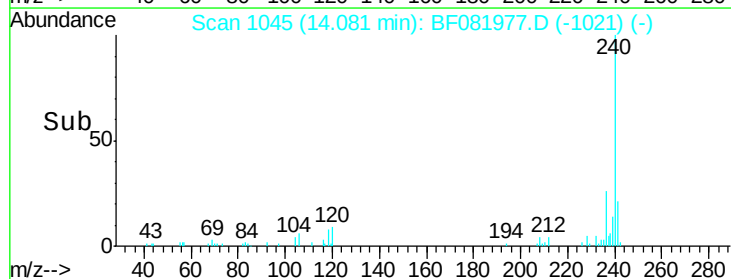
14.00

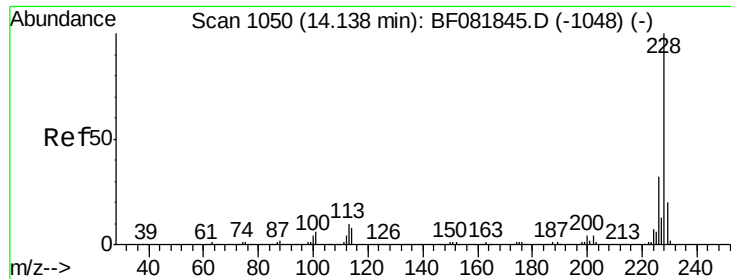
14.05

14.10

14.15

Time-->

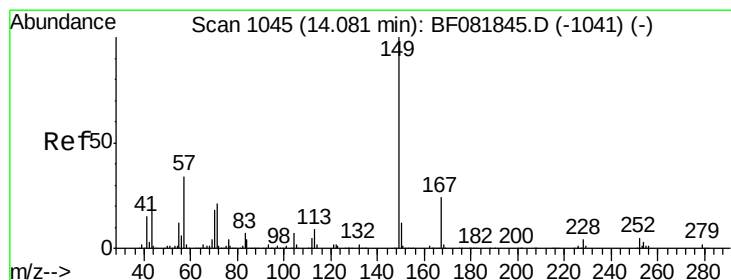
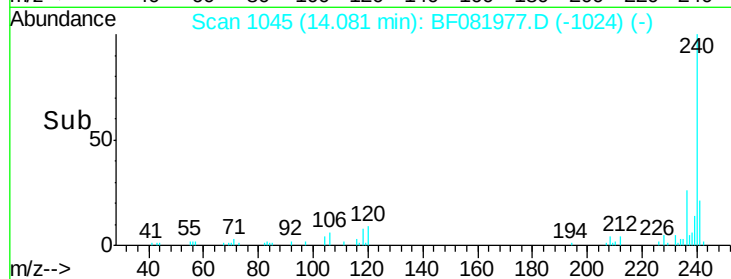
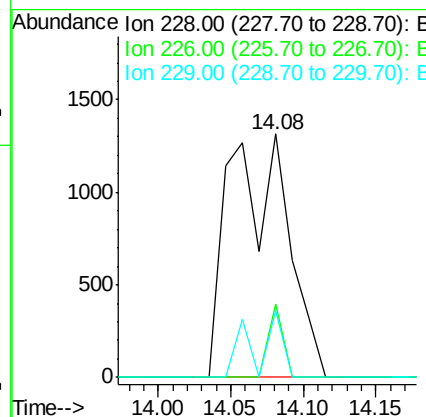
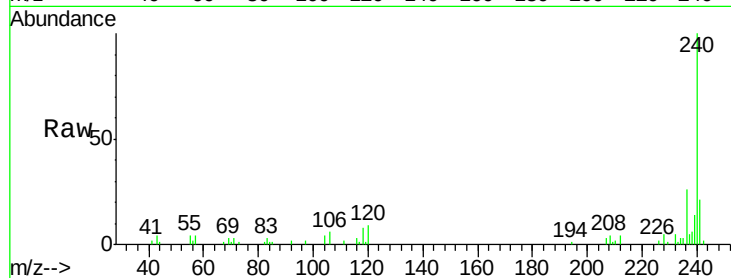




#82
 Chrysene
 Concen: 1.05 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.06 min
 Lab File: BF081977.D
 Acq: 2 Oct 2015 10:22

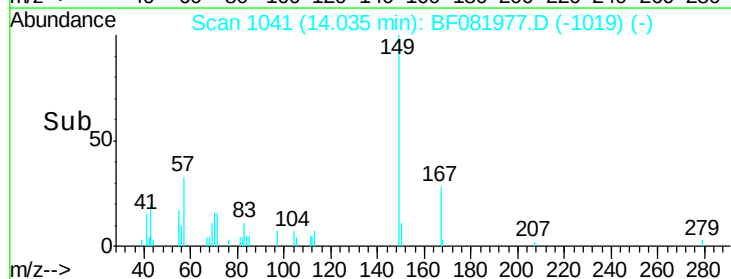
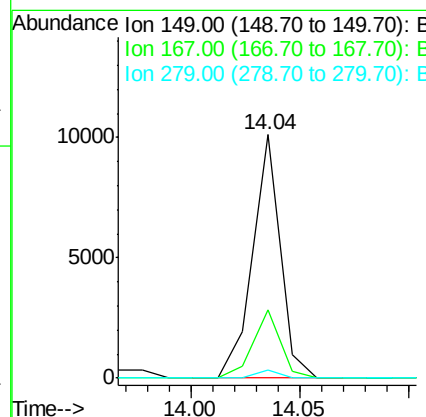
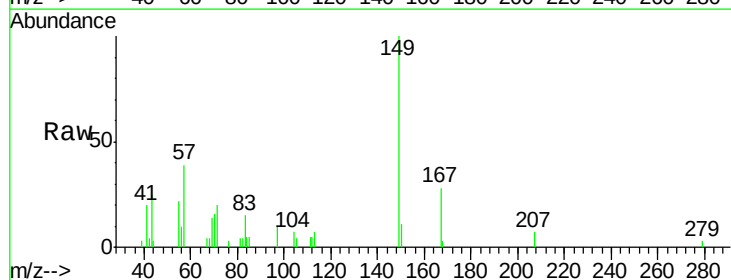
Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

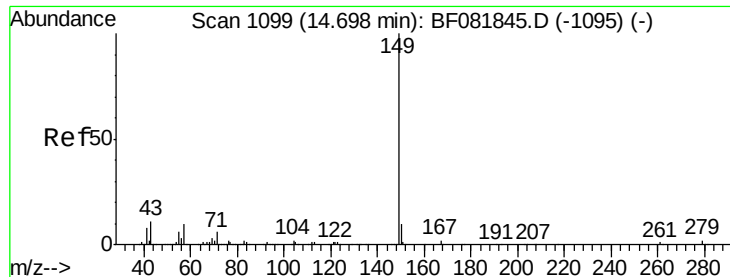
Tot Ion:228 Resp: 3681
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.0 31.4
 229 27.7 15.6 23.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.91 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.05 min
 Lab File: BF081977.D
 Acq: 2 Oct 2015 10:22

Tgt Ion:149 Resp: 8934
 Ion Ratio Lower Upper
 149 100
 167 28.3 24.2 36.2
 279 3.1 3.8 5.6#

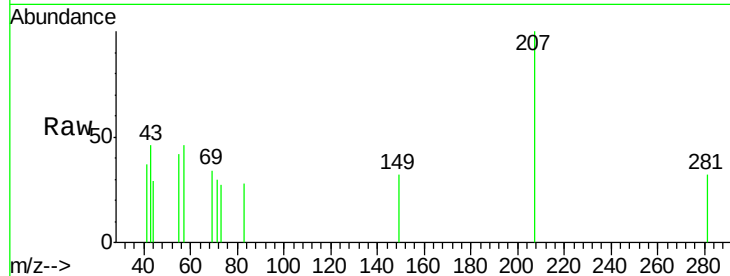




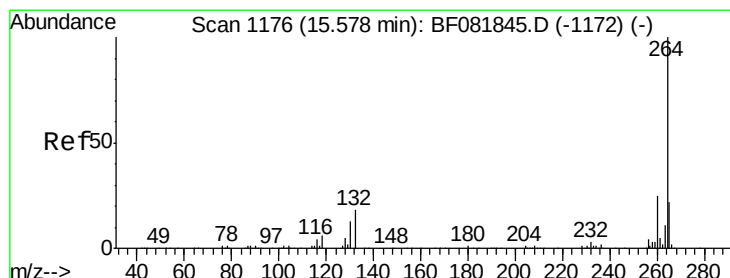
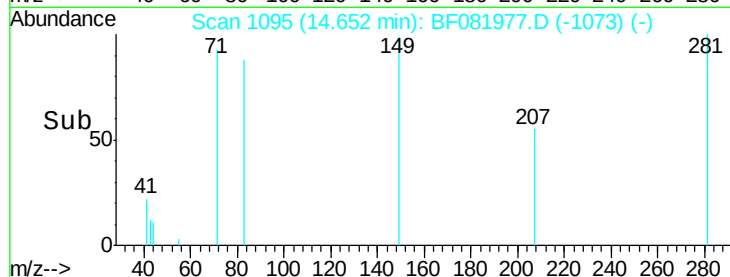
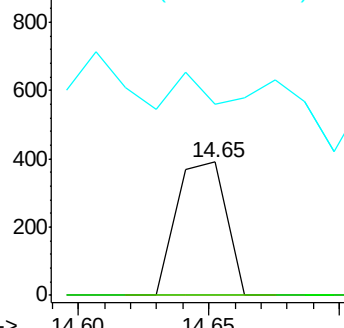
#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 14.65 min Scan# 1095
Delta R.T. -0.05 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Instrument :
BNA_F
ClientSampleId :
A7-COMP

Tot Ion:149 Resp: 521
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 0.0 10.2 15.2#

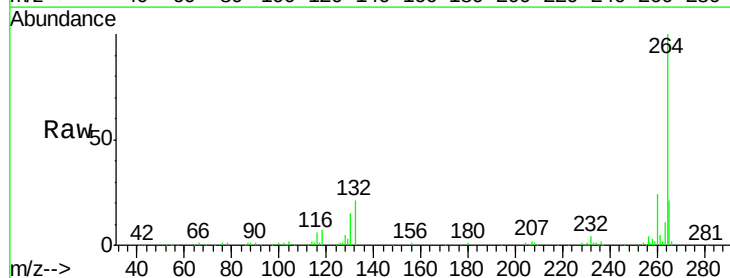


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

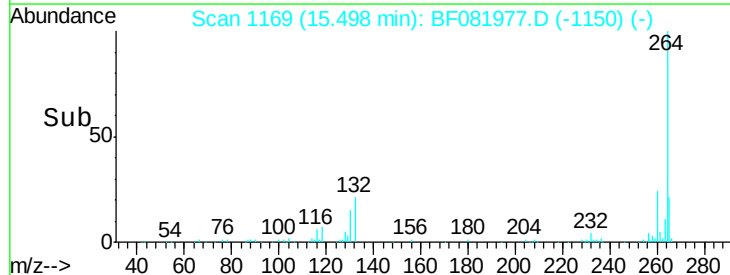
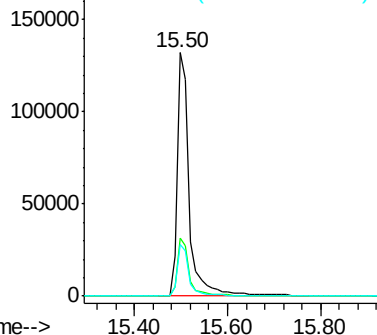


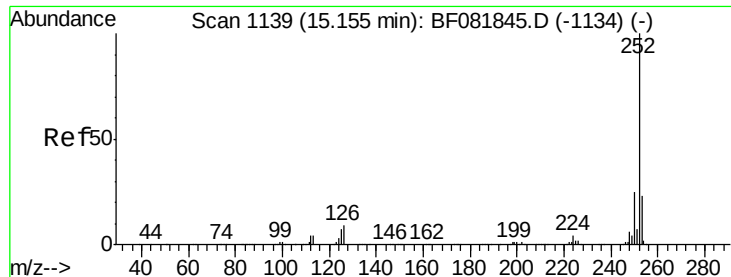
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Tgt Ion:264 Resp: 242414
Ion Ratio Lower Upper
264 100
260 23.8 16.7 25.1
265 21.1 17.2 25.8



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

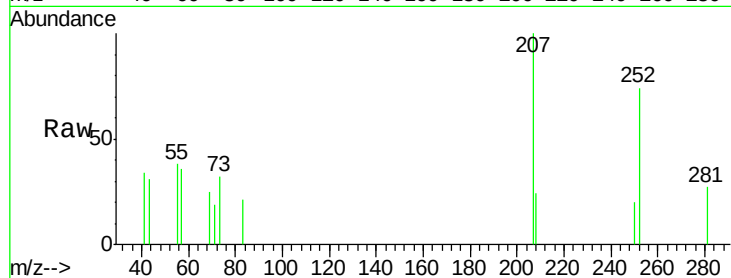




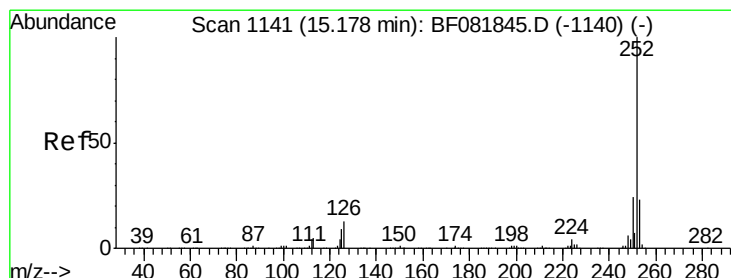
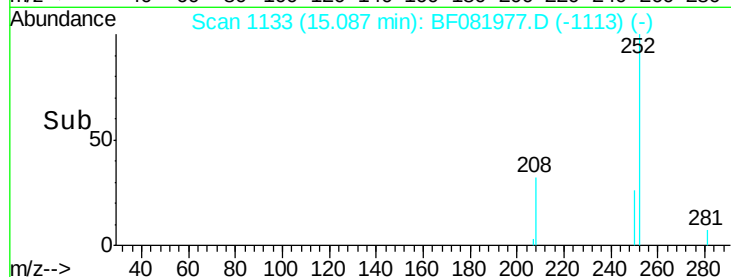
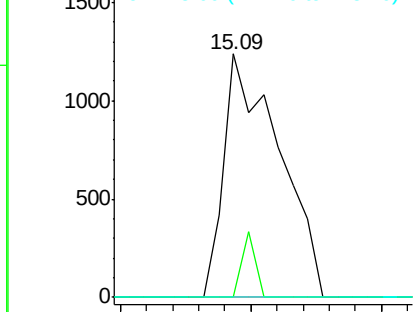
#87
Benzo(b)fluoranthene
Concen: 0.27 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Instrument :
BNA_F
ClientSampleId :
A7-COMP

Tot Ion:252 Resp: 3671
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 17.1 25.7#

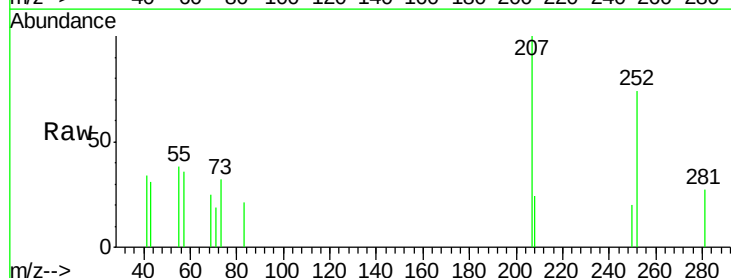


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

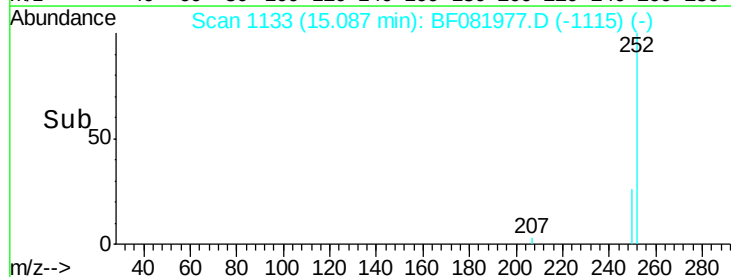
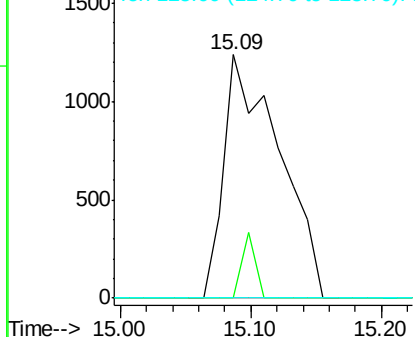


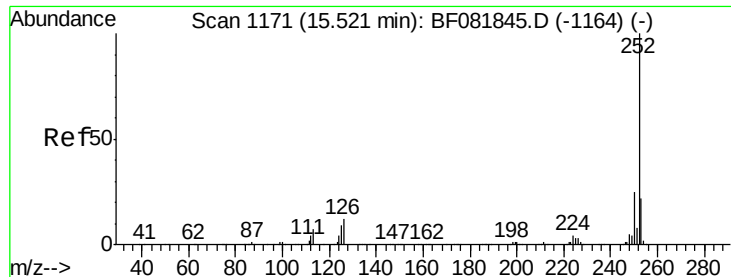
#88
Benzo(k)fluoranthene
Concen: 0.29 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.09 min
Lab File: BF081977.D
Acq: 2 Oct 2015 10:22

Tgt Ion:252 Resp: 3671
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.4#
125 0.0 16.0 24.0#



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: 0.05 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.07 min

Lab File: BF081977.D

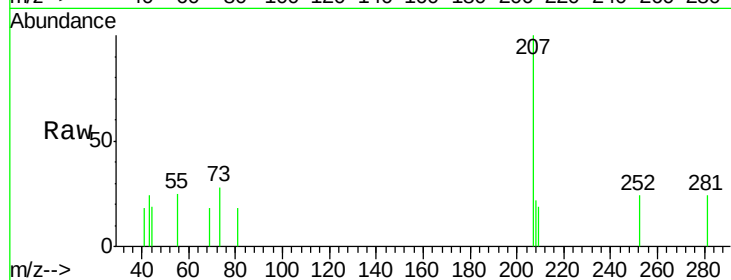
Acq: 2 Oct 2015 10:22

Instrument :

BNA_F

ClientSampleId :

A7-COMP



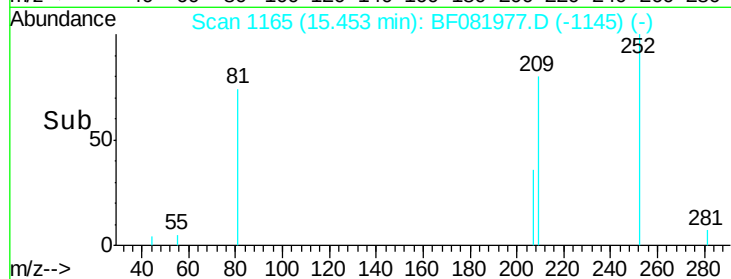
Tot Ion: 252 Resp: 554

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

125 0.0 18.0 27.0#



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

