

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
 Data File : BF081978.D
 Acq On : 2 Oct 2015 10:52
 Operator : UM/IZ
 Sample : G3875-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A8-COMP

Quant Time: Oct 02 11:30:30 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	95712	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	384913	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	193302	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	378311	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	339143	20.00	ng	-0.06
86) Perylene-d12	15.50	264	240475	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	676042	128.22	ng	-0.02
7) Phenol-d6	6.53	99	915164	137.94	ng	-0.03
23) Nitrobenzene-d5	7.46	82	541436	93.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	238230	121.69	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1001390	87.10	ng	-0.05
78) Terphenyl-d14	13.01	244	1001847	100.35	ng	-0.05

Target Compounds						Qvalue
6) Aniline	6.66	93	932	0.10	ng	# 1
8) 2-Chlorophenol	6.67	128	251	0.04	ng	# 1
9) Benzaldehyde	6.53	77	1074	0.25	ng	# 1
10) Phenol	6.54	94	4777	0.64	ng	# 24
11) bis(2-Chloroethyl)ether	6.66	93	932	0.16	ng	# 1
15) Benzyl Alcohol	7.05	79	8561	1.79	ng	# 32
16) 2,2'-oxybis(1-Chloropropan	7.21	45	241	0.03	ng	# 79
19) n-Nitroso-di-n-propylamine	7.46	70	66882	16.59	ng	# 57
24) Nitrobenzene	7.46	77	1150	0.18	ng	# 16
25) Isophorone	7.46	82	445913	38.96	ng	# 58
28) bis(2-Chloroethoxy)methane	7.93	93	920	0.14	ng	# 1
31) Naphthalene	8.21	128	215	0.01	ng	# 70
35) Caprolactam	8.57	113	1654	1.16	ng	# 68
45) 1,1'-Biphenyl	9.26	154	1605	0.11	ng	# 1
47) 2-Nitroaniline	9.65	65	2087	0.61	ng	# 1
49) Dimethylphthalate	9.65	163	237340	17.79	ng	# 97
50) 2,6-Dinitrotoluene	9.65	165	2617	0.90	ng	# 1
51) Acenaphthene	9.93	154	534	0.05	ng	# 9
56) 2,4-Dinitrotoluene	9.93	165	23966	6.49	ng	# 32
57) Fluorene	10.72	166	9304	Below Cal		# 82
59) Diethylphthalate	10.35	149	1765	0.14	ng	# 87
62) Azobenzene	10.72	77	1021	0.08	ng	# 9
64) 4,6-Dinitro-2-methylphenol	10.72	198	396	1.44	ng	# 1
65) n-Nitrosodiphenylamine	10.72	169	7050	0.62	ng	# 41
66) 4-Bromophenyl-phenylether	10.72	248	15231	3.99	ng	# 1
70) Phenanthrene	11.44	178	2085	Below Cal		# 96
71) Anthracene	11.44	178	2085	0.11	ng	# 96
73) Di-n-butylphthalate	11.98	149	2613	Below Cal		# 97
74) Fluoranthene	12.63	202	6223	0.31	ng	# 94
76) Benzidine	13.01	184	12790	1.25	ng	# 87
77) Pyrene	12.63	202	6223	0.31	ng	# 96
79) Butylbenzylphthalate	13.46	149	463	0.06	ng	# 1
80) Benzo(a)anthracene	14.05	228	3260	0.18	ng	# 91
82) Chrysene	14.05	228	3260	1.04	ng	# 90

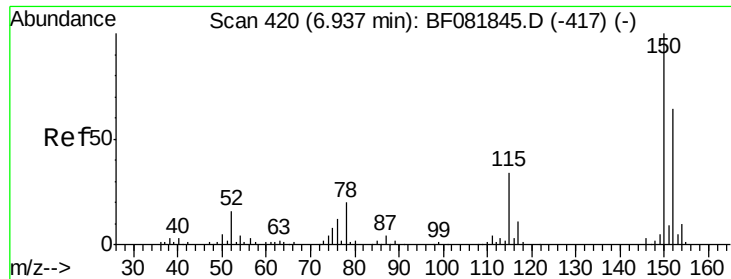
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
 Data File : BF081978.D
 Acq On : 2 Oct 2015 10:52
 Operator : UM/IZ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	14.04	149	8292	0.87	nq	# 90
84) Di-n-octyl phthalate	14.64	149	1059	0.07	nq	# 71
85) Indeno(1,2,3-cd)pyrene	16.94	276	697	0.05	nq	# 48
87) Benzo(b)fluoranthene	15.09	252	5797	0.42	nq	# 77
88) Benzo(k)fluoranthene	15.09	252	5797	0.46	nq	# 77
89) Benzo(a)pyrene	15.44	252	1228	0.10	nq	# 54
91) Benzo(q,h,i)perylene	17.36	276	501	0.05	nq	# 40

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

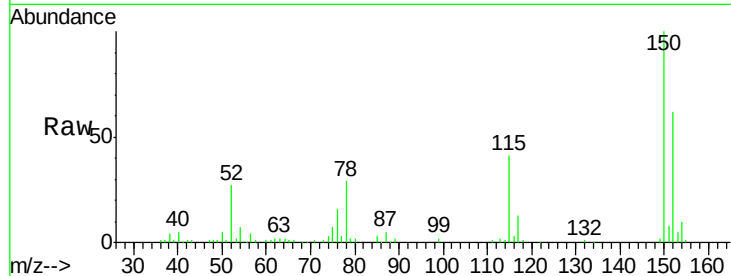
Tot Ion:152 Resp: 95712

Ion Ratio Lower Upper

152 100

150 161.0 124.7 187.1

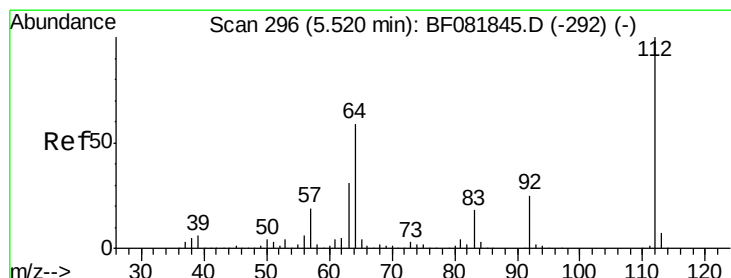
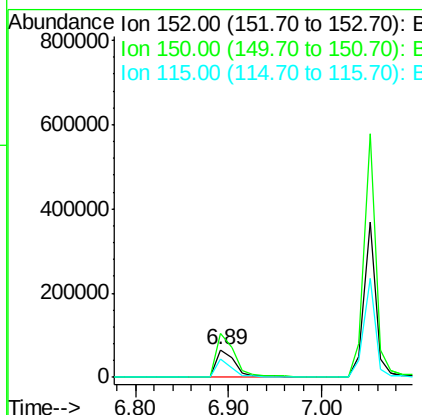
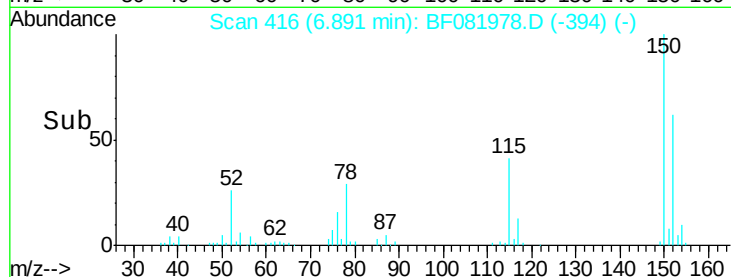
115 65.7 39.0 58.4#



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: 128.22 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

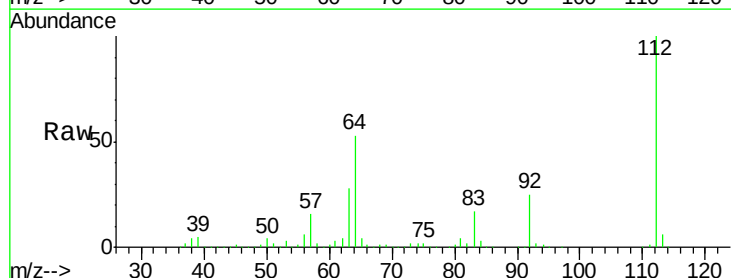
Tgt Ion:112 Resp: 676042

Ion Ratio Lower Upper

112 100

64 53.3 39.7 59.5

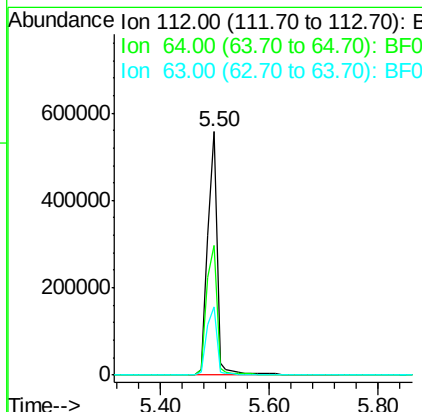
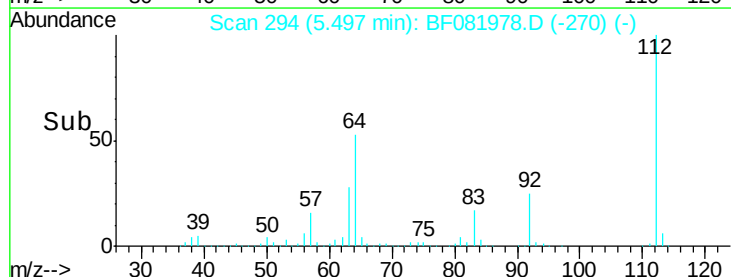
63 28.0 17.4 26.0#

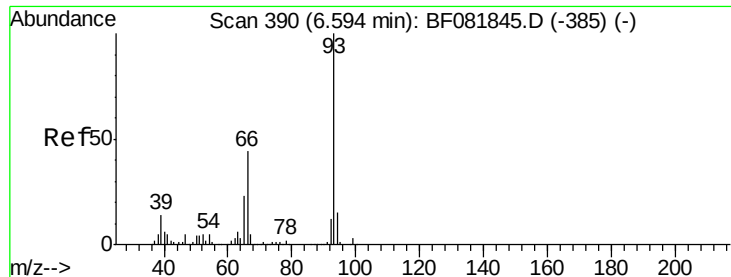


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.10 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.07 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

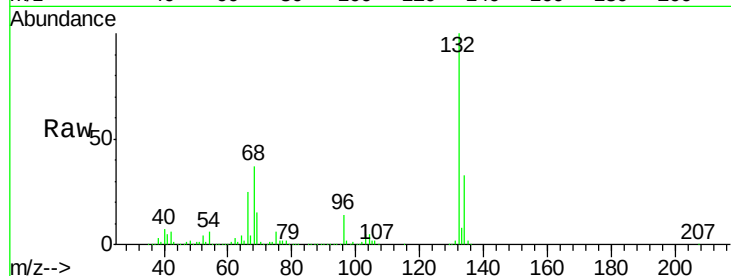
Tot Ion: 93 Resp: 932

Ion Ratio Lower Upper

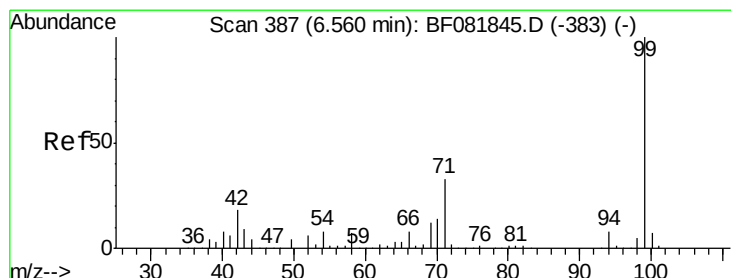
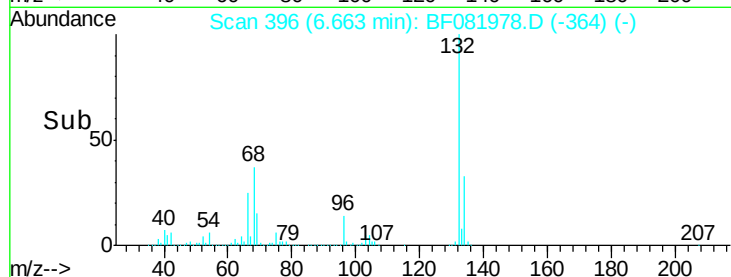
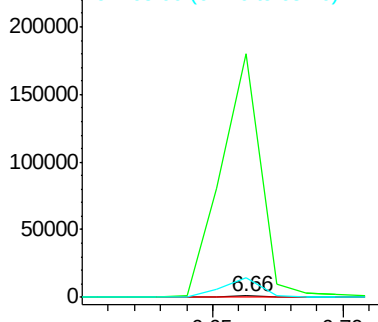
93 100

66 17996.8 27.2 40.8#

65 1429.1 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: 137.94 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

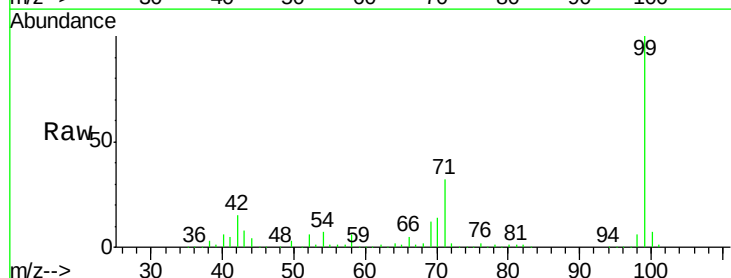
Tgt Ion: 99 Resp: 915164

Ion Ratio Lower Upper

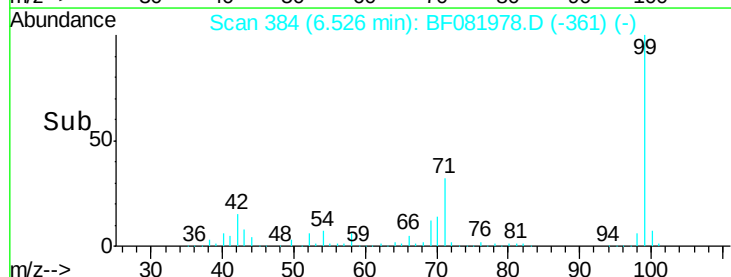
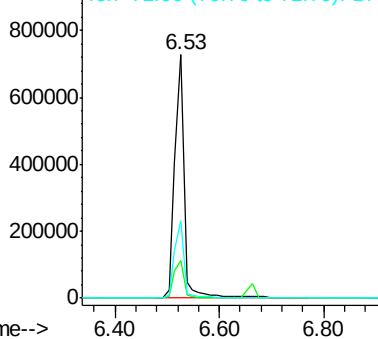
99 100

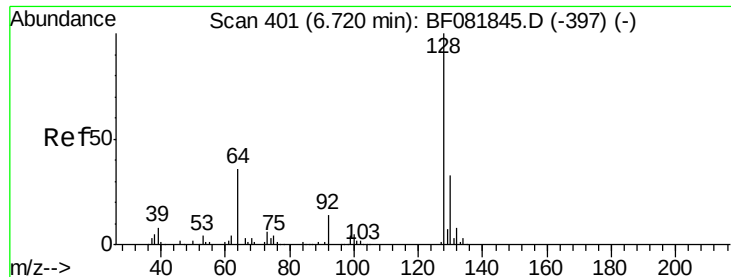
42 15.4 13.7 20.5

71 31.9 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: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

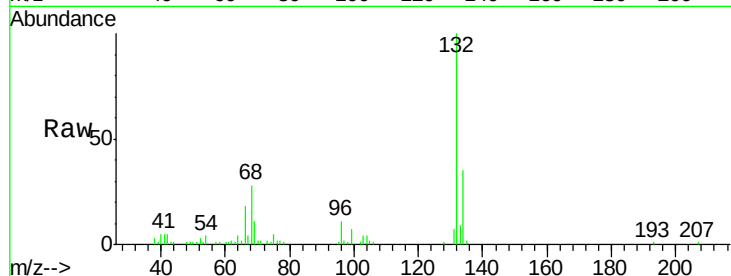
Tot Ion:128 Resp: 251

Ion Ratio Lower Upper

128 100

130 0.0 12.2 52.2#

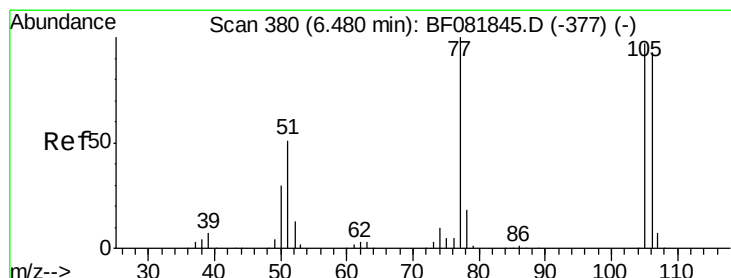
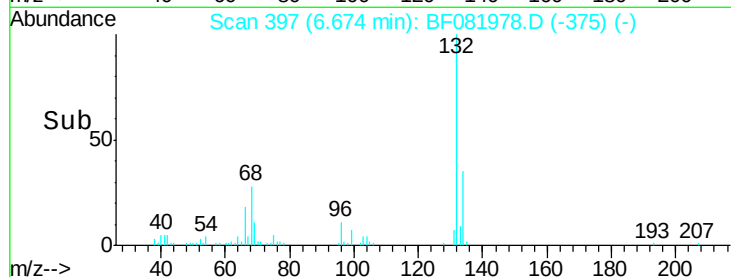
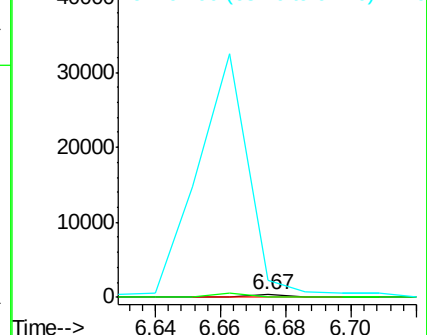
64 617.8 20.5 60.5#



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: 0.25 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.05 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

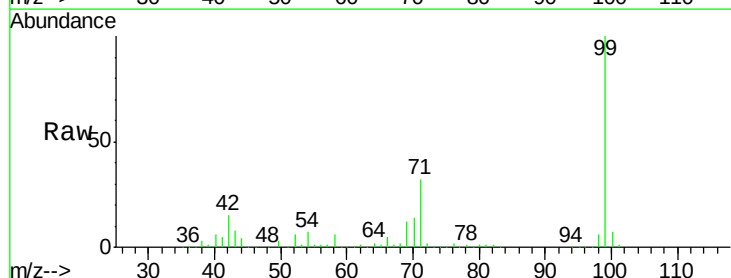
Tgt Ion: 77 Resp: 1074

Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

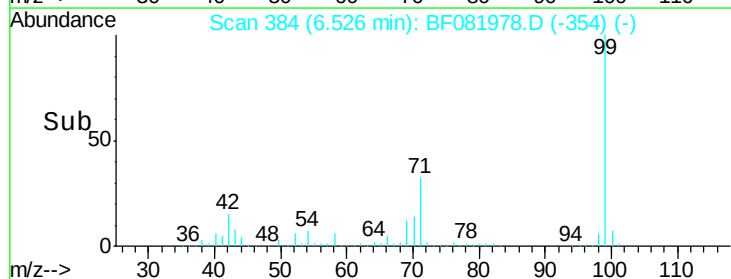
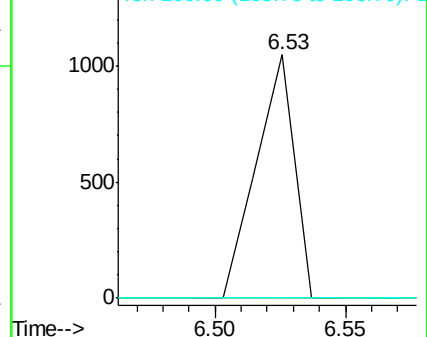
106 0.0 102.6 142.6#

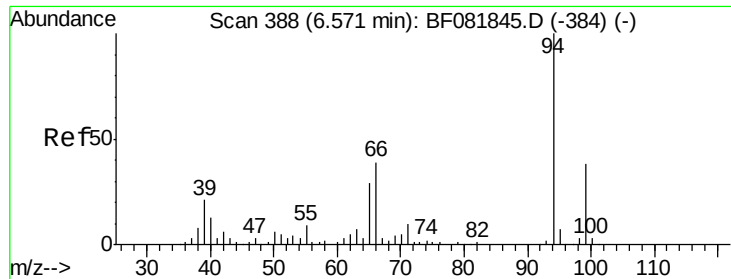


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.64 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

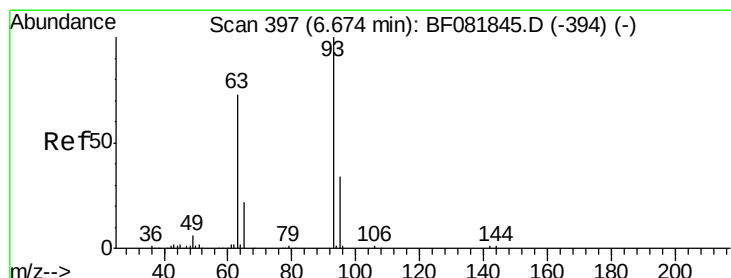
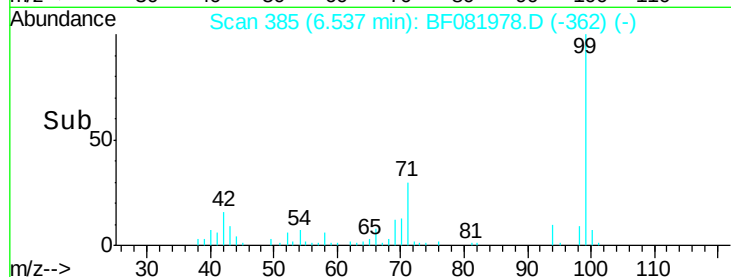
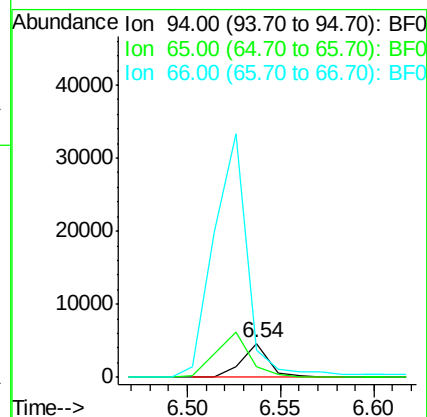
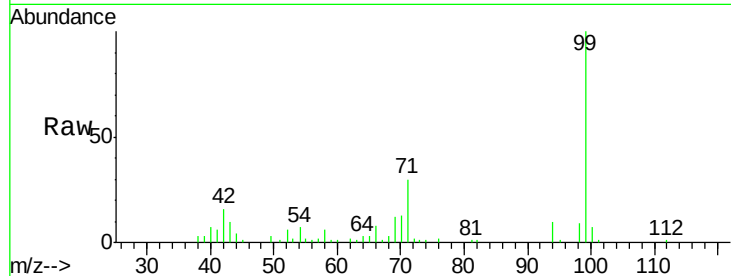
Tot Ion: 94 Resp: 4777

Ion Ratio Lower Upper

94 100

65 31.4 0.7 40.7

66 81.0 0.8 40.8#



#11

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

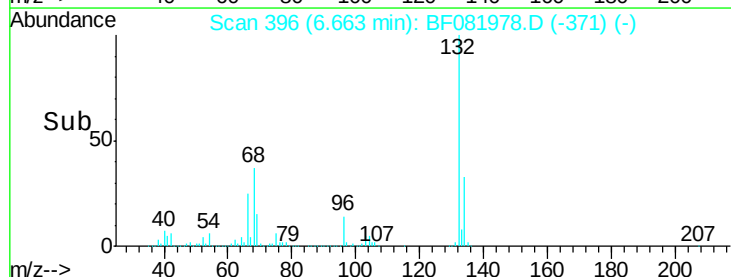
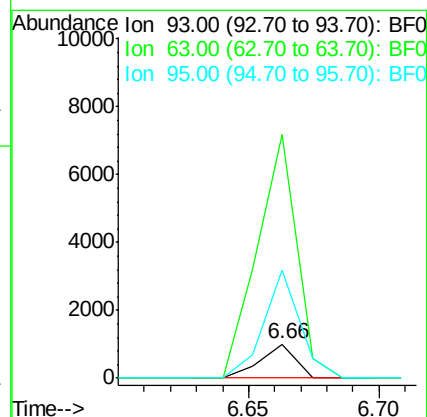
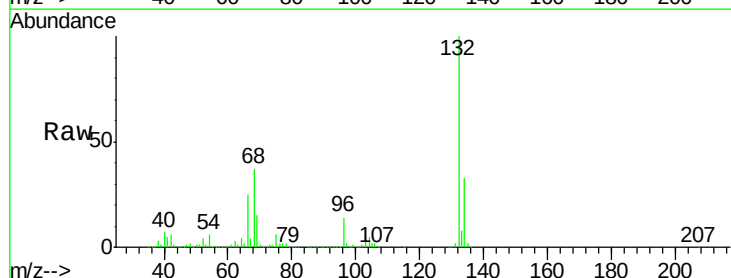
Tgt Ion: 93 Resp: 932

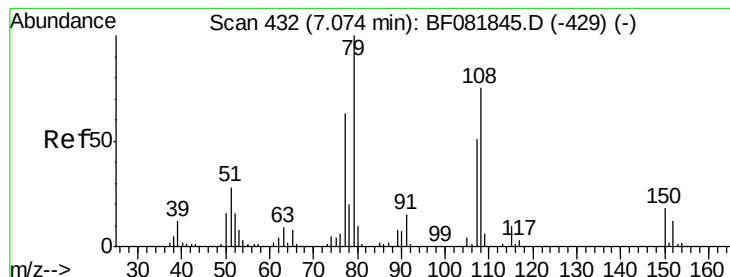
Ion Ratio Lower Upper

93 100

63 717.8 65.6 105.6#

95 317.2 13.6 53.6#





#15

Benzyl Alcohol

Concen: 1.79 ng

RT: 7.05 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampled :

A8-COMP

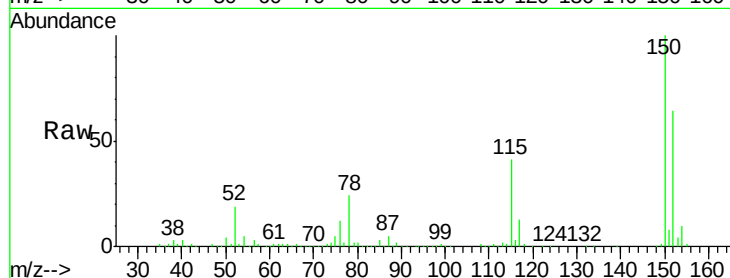
Tot Ion: 79 Resp: 8561

Ion Ratio Lower Upper

79 100

108 35.3 88.6 132.8#

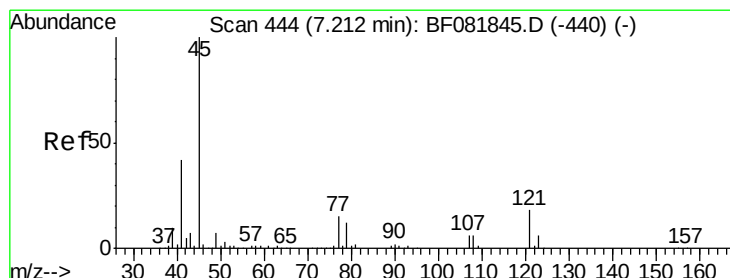
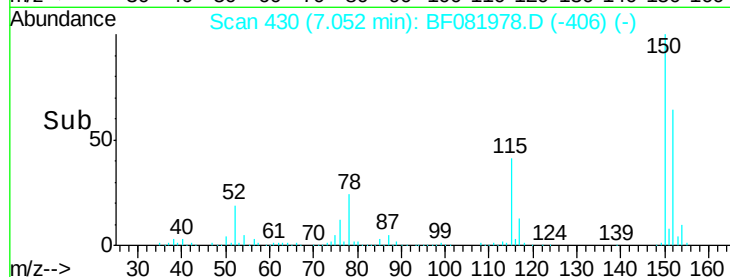
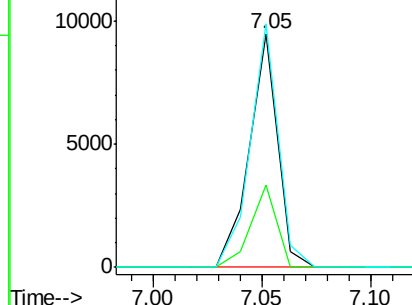
77 104.3 47.0 70.4#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.03 ng

RT: 7.21 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

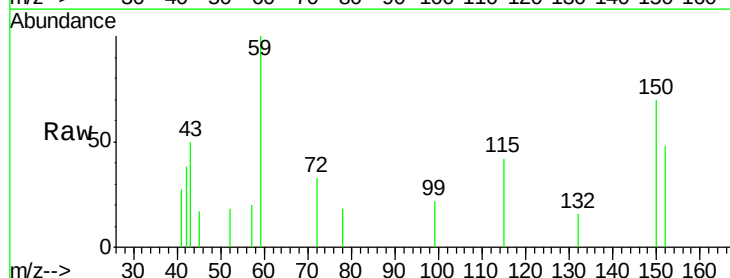
Tgt Ion: 45 Resp: 241

Ion Ratio Lower Upper

45 100

77 0.0 0.0 28.1

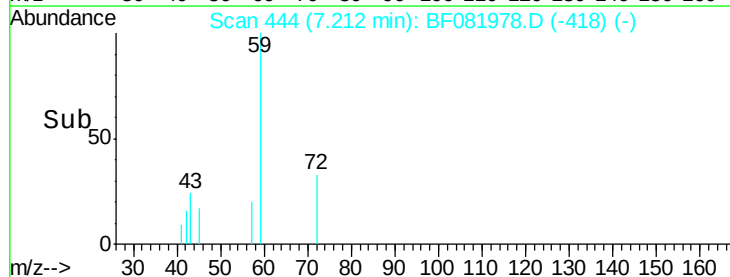
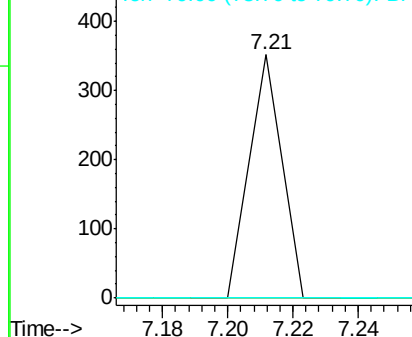
79 0.0 0.0 26.0

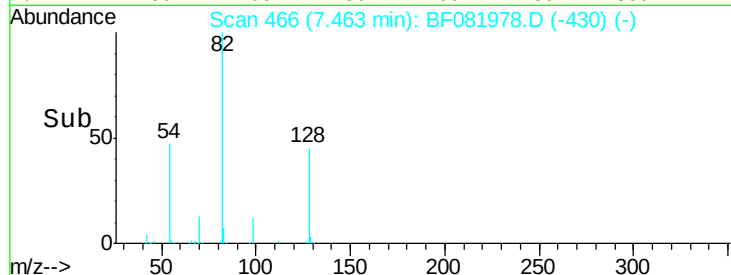
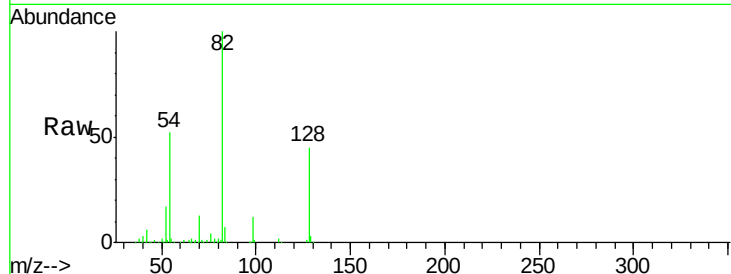
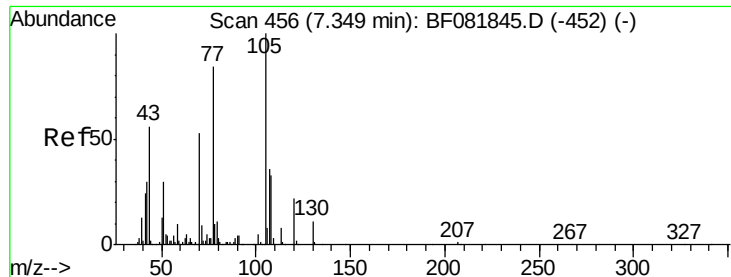


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

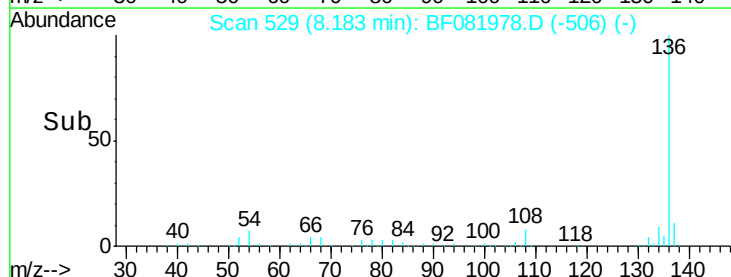
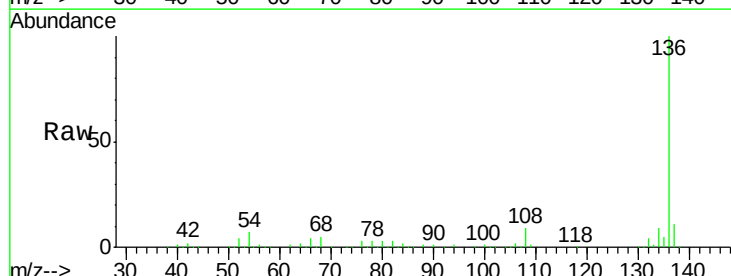
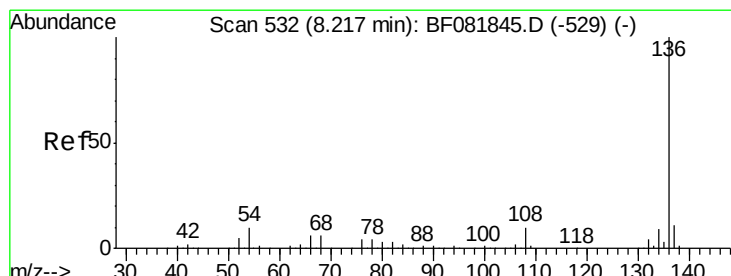
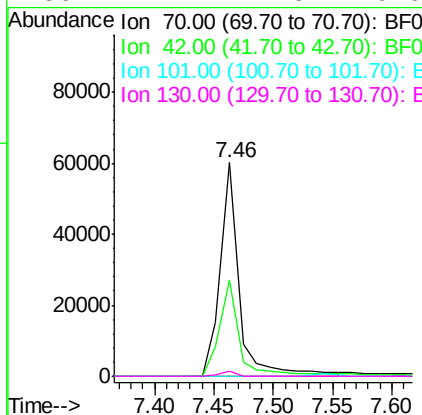




#19
n-Nitroso-di-n-propylamine
Concen: 16.59 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

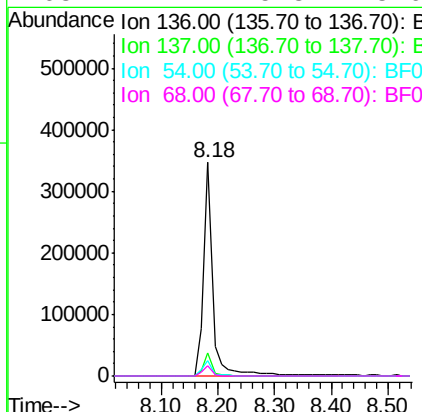
Instrument :
BNA_F
ClientSampleId :
A8-COMP

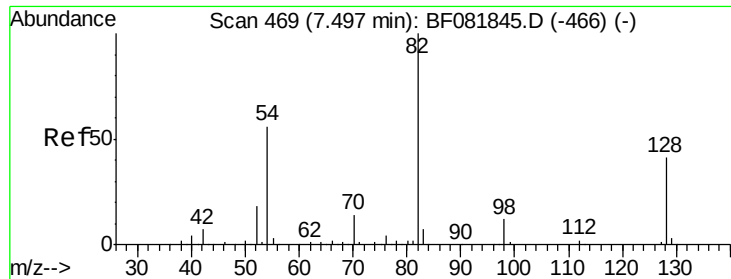
Tot Ion:	70	Resp:	66882
Ion	Ratio	Lower	Upper
70	100		
42	45.0	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Tgt Ion:	136	Resp:	384913
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.2	8.2	12.2#
68	4.7	5.8	8.6#

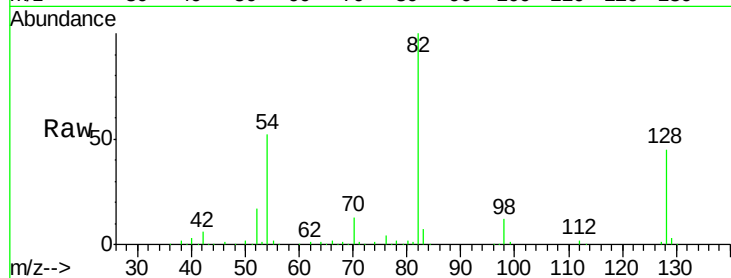




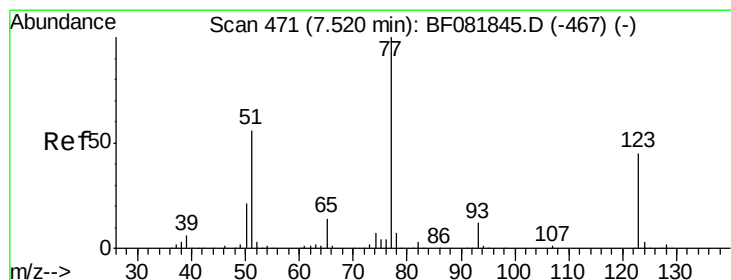
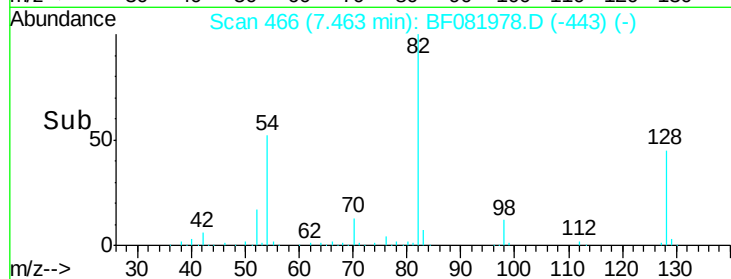
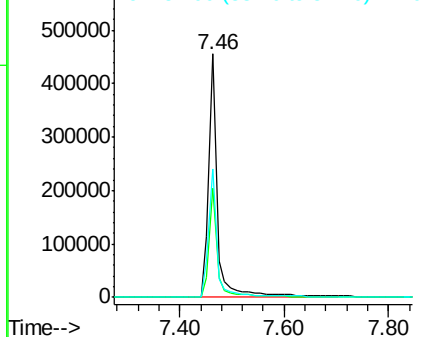
#23
 Nitrobenzene-d5
 Concen: 93.77 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081978.D
 Acq: 2 Oct 2015 10:52

Instrument :
 BNA_F
 ClientSampleId :
 A8-COMP

Tot Ion: 82 Resp: 541436
 Ion Ratio Lower Upper
 82 100
 128 44.9 51.0 76.6#
 54 52.5 47.5 71.3

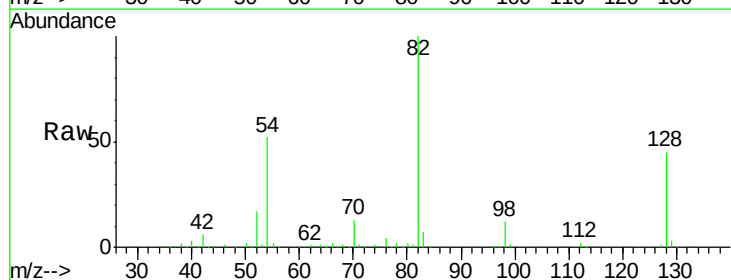


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

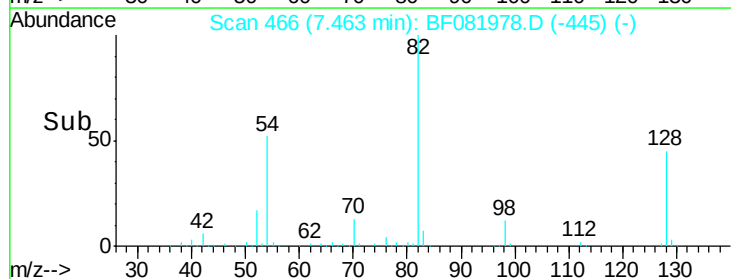
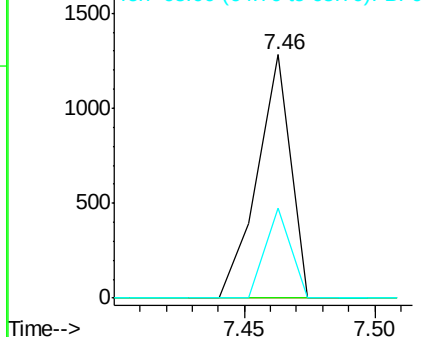


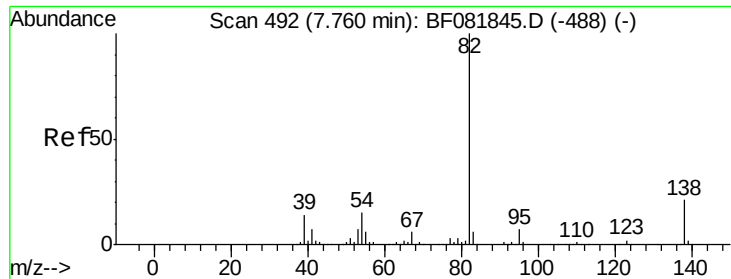
#24
 Nitrobenzene
 Concen: 0.18 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF081978.D
 Acq: 2 Oct 2015 10:52

Tgt Ion: 77 Resp: 1150
 Ion Ratio Lower Upper
 77 100
 123 0.0 59.8 89.8#
 65 37.2 10.2 15.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.96 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampled :

A8-COMP

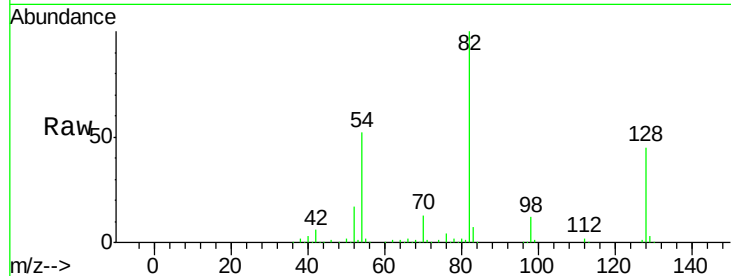
Tot Ion: 82 Resp: 445913

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

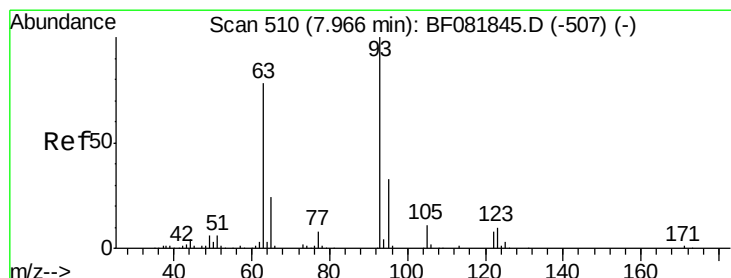
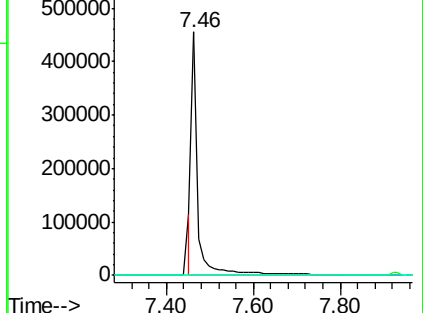
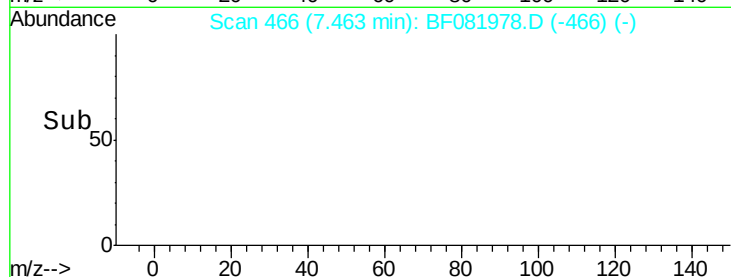
138 0.0 18.3 27.5#



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): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.14 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

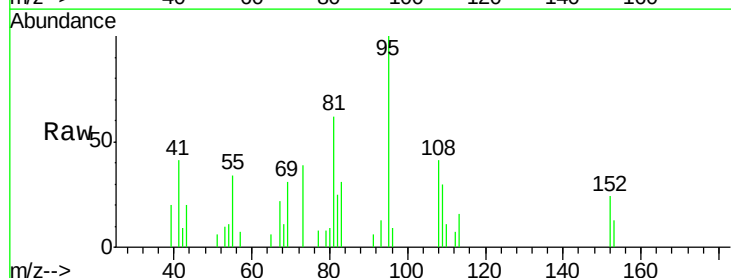
Tgt Ion: 93 Resp: 920

Ion Ratio Lower Upper

93 100

95 795.2 27.5 41.3#

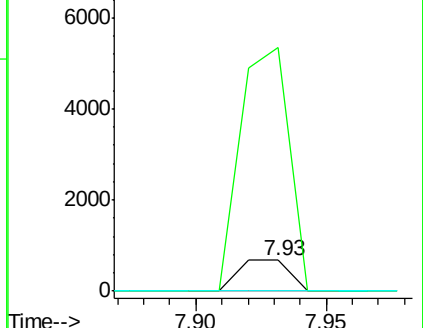
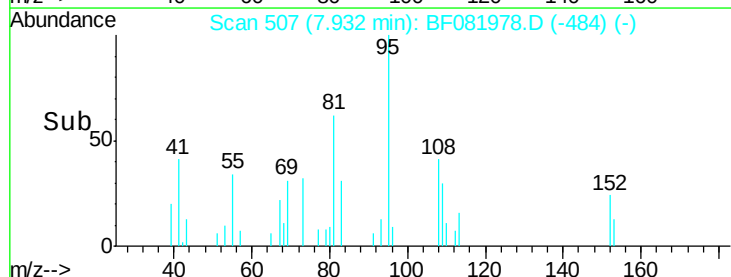
123 0.0 13.7 20.5#

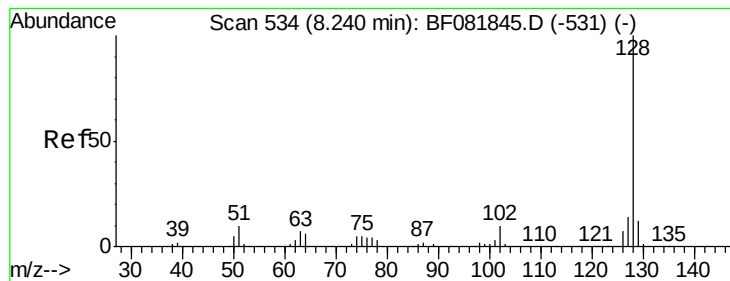


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 0.01 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

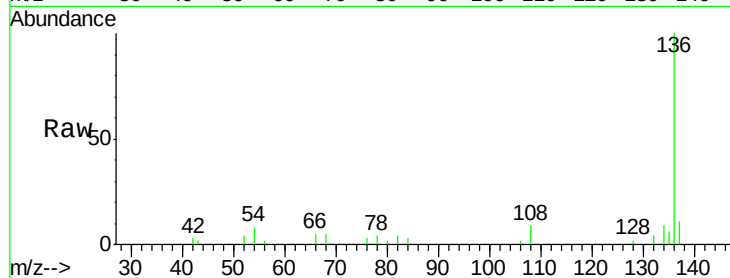
Tot Ion:128 Resp: 215

Ion Ratio Lower Upper

128 100

129 0.0 8.4 12.6#

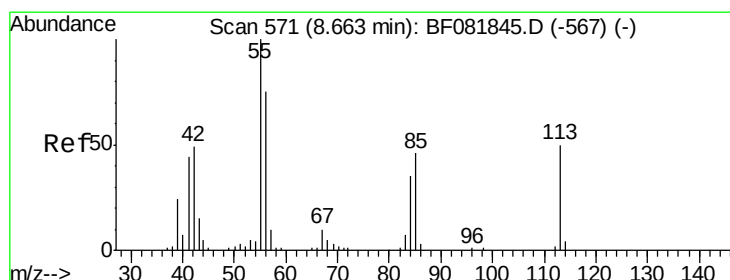
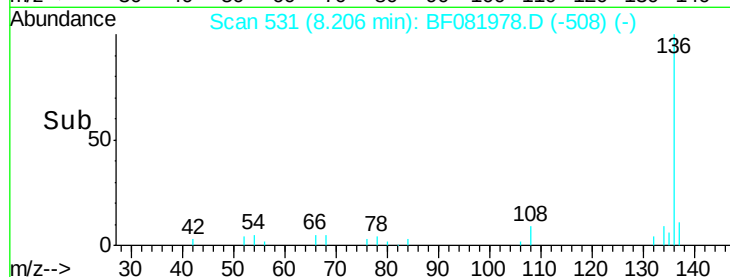
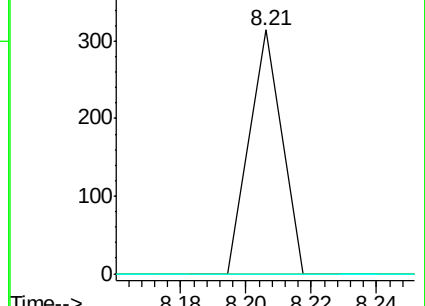
127 0.0 9.9 14.9#



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



#35

Caprolactam

Concen: 1.16 ng

RT: 8.57 min Scan# 563

Delta R.T. -0.09 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

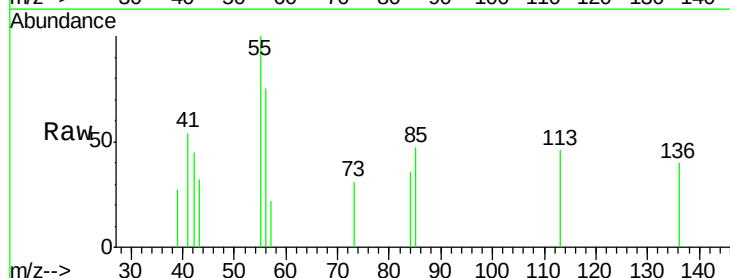
Tgt Ion:113 Resp: 1654

Ion Ratio Lower Upper

113 100

55 216.7 152.4 192.4#

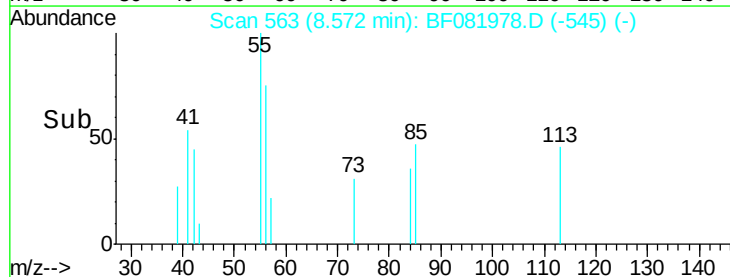
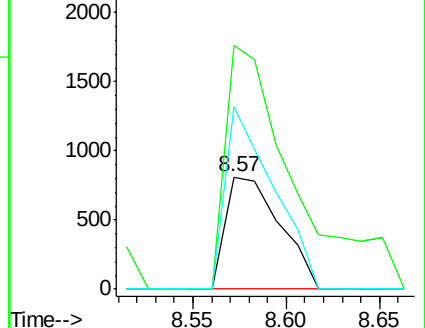
56 161.6 104.6 144.6#

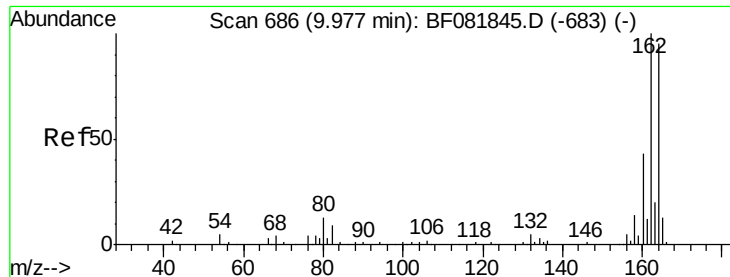


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

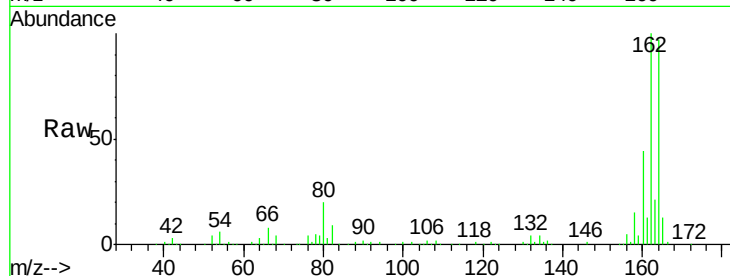




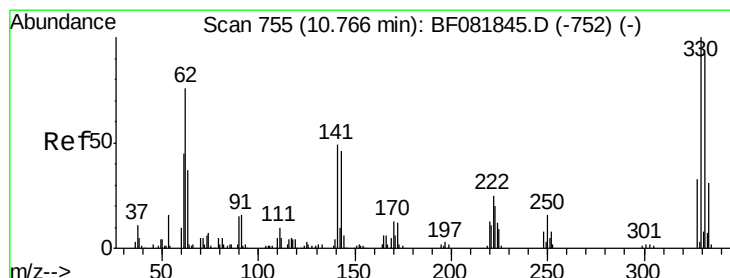
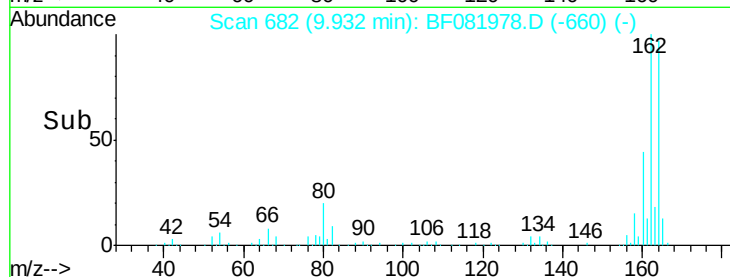
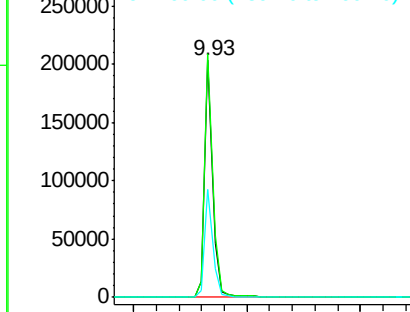
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Instrument :
BNA_F
ClientSampleId :
A8-COMP

Tot Ion:164 Resp: 193302
Ion Ratio Lower Upper
164 100
162 102.8 75.2 112.8
160 45.5 31.5 47.3

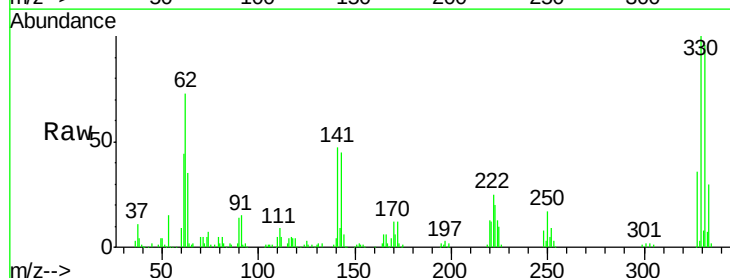


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

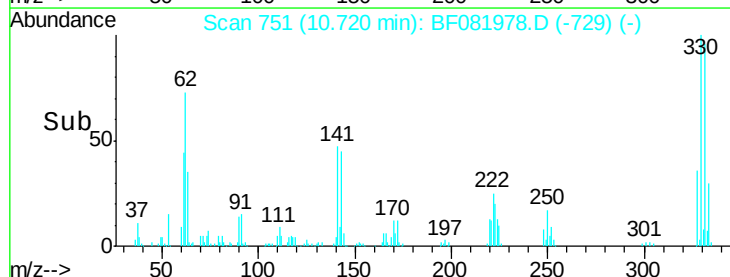
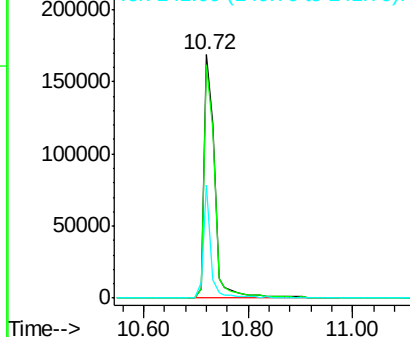


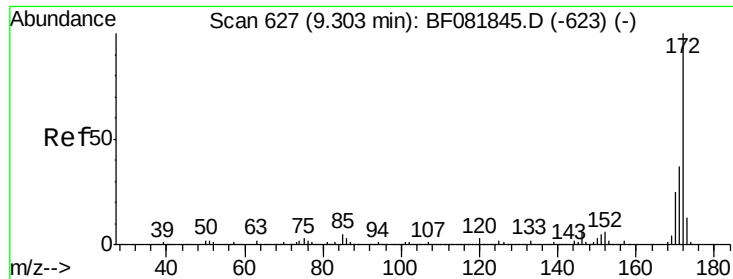
#41
2,4,6-Tribromophenol
Concen: 121.69 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.05 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Tgt Ion:330 Resp: 238230
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 34.1 29.7 44.5



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



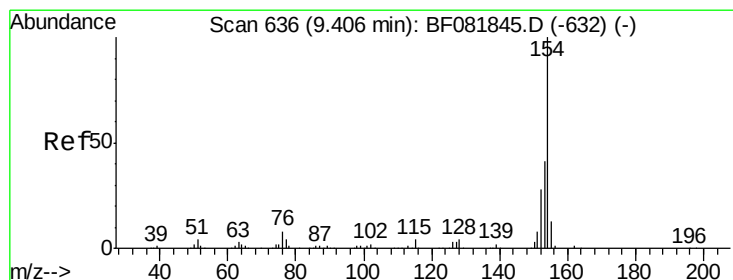
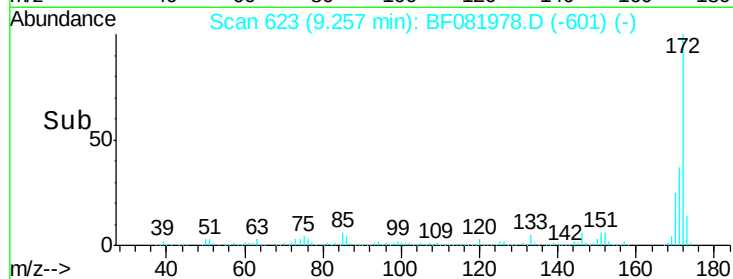
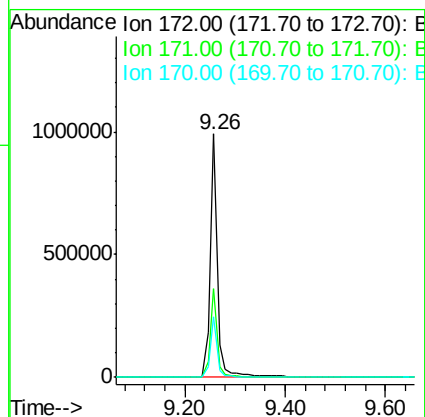
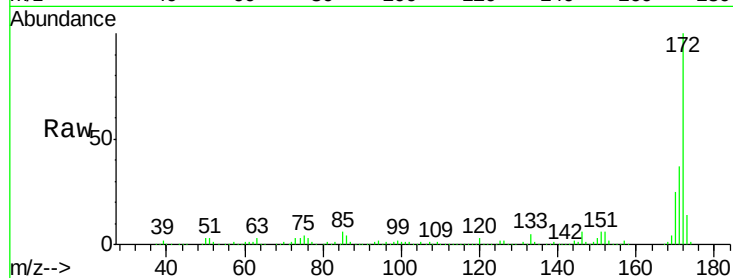


#44
 2-Fluorobiphenyl
 Concen: 87.10 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081978.D
 Acq: 2 Oct 2015 10:52

Instrument :
 BNA_F
 ClientSampleId :
 A8-COMP

Tot Ion:172 Resp: 1001390

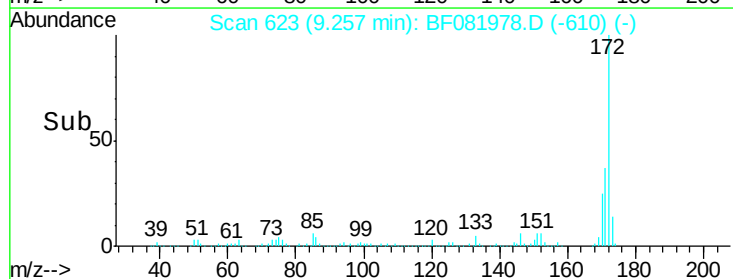
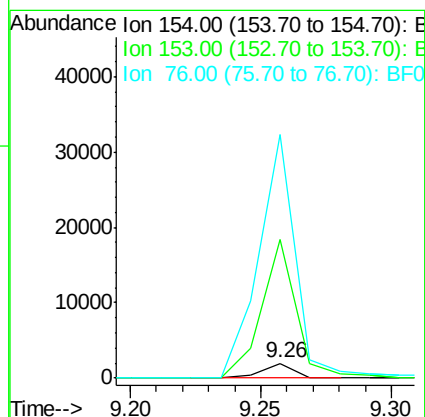
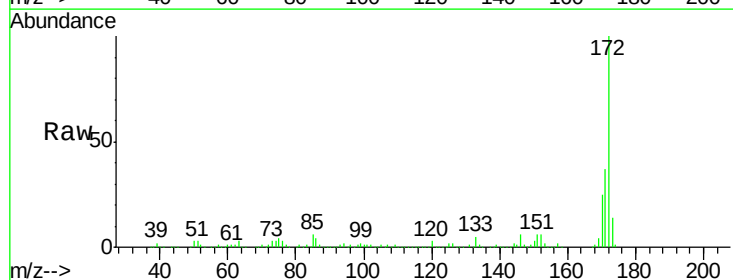
Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.1	39.1
170	24.8	17.4	26.2

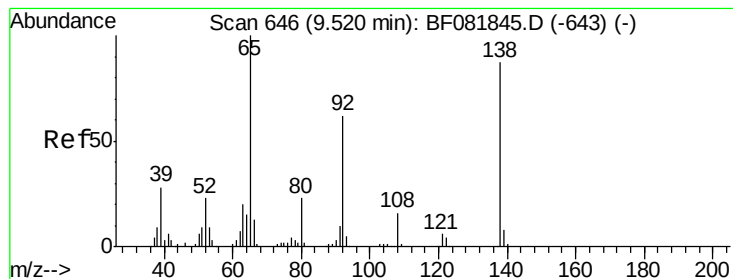


#45
 1,1'-Biphenyl
 Concen: 0.11 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.15 min
 Lab File: BF081978.D
 Acq: 2 Oct 2015 10:52

Tgt Ion:154 Resp: 1605

Ion	Ratio	Lower	Upper
154	100		
153	939.9	17.1	57.1#
76	1657.4	0.0	31.6#





#47

2-Nitroaniline

Concen: 0.61 ng

RT: 9.65 min Scan# 657

Delta R.T. 0.13 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

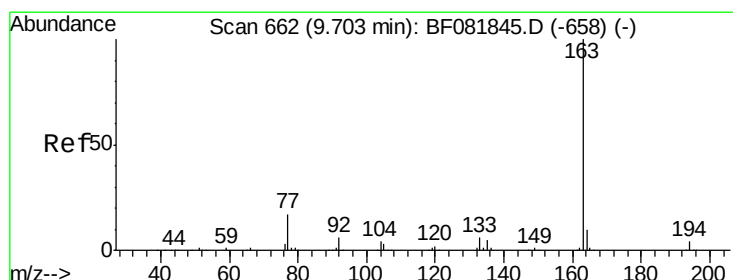
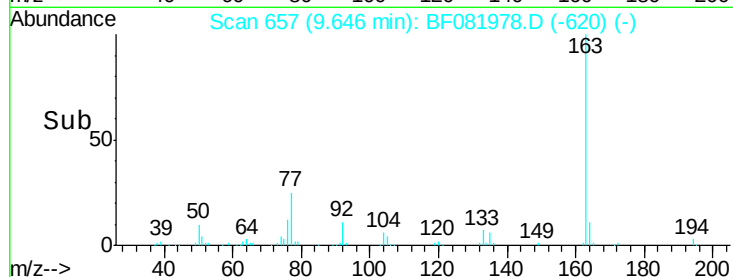
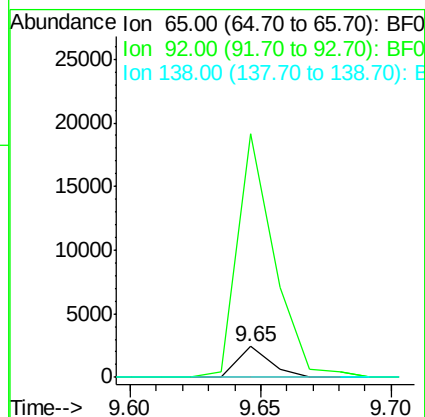
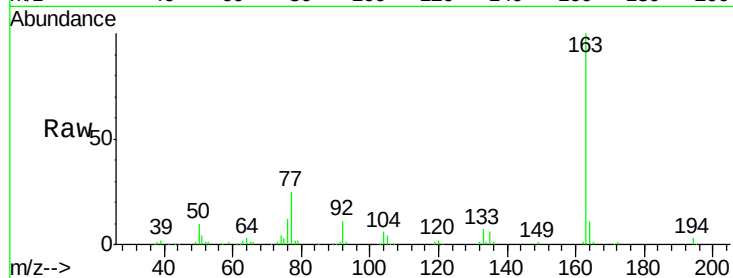
Tot Ion: 65 Resp: 2087

Ion Ratio Lower Upper

65 100

92 795.7 55.4 83.0#

138 0.0 115.5 173.3#



#49

Dimethylphthalate

Concen: 17.79 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

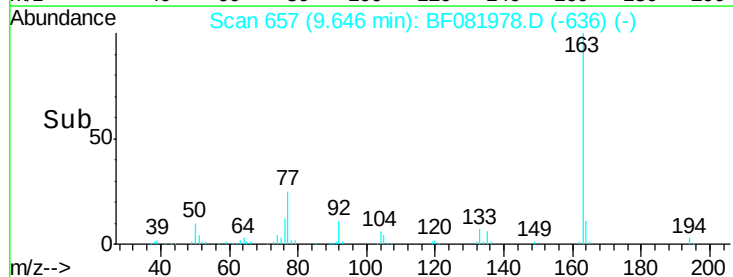
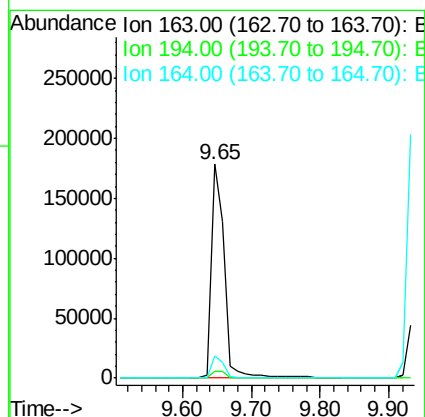
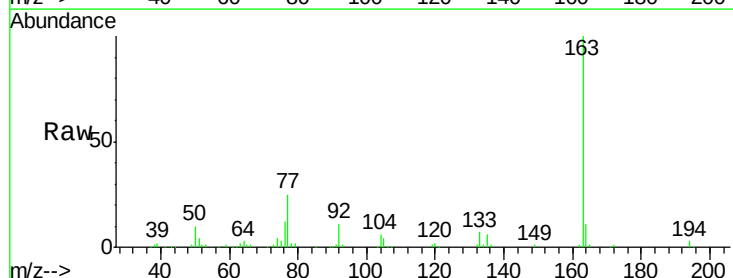
Tgt Ion: 163 Resp: 237340

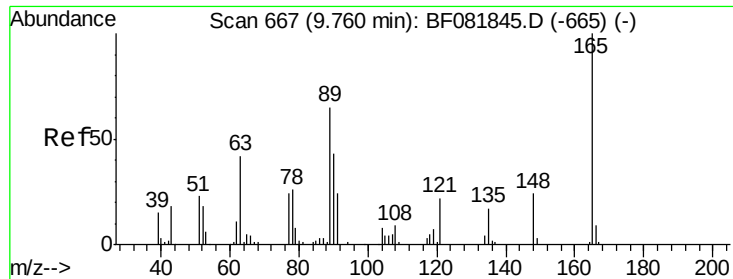
Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

164 10.6 8.3 12.5

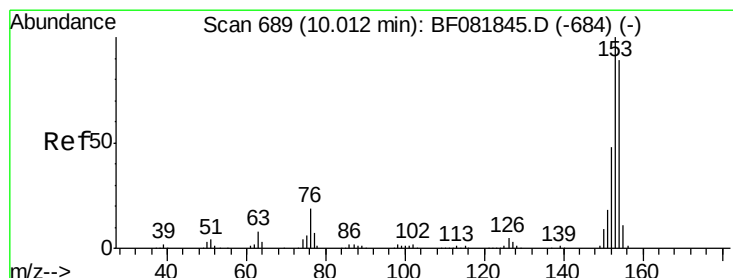
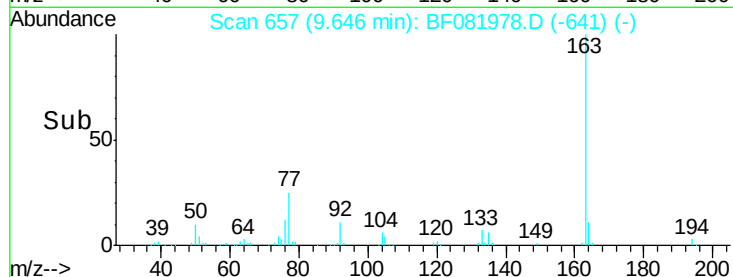
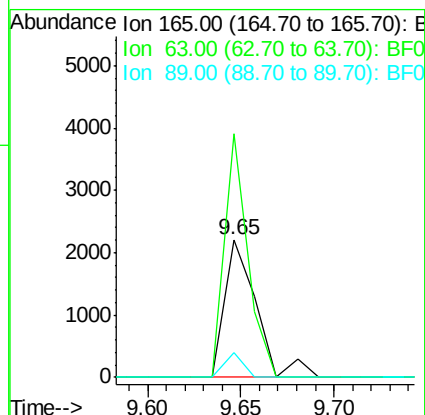
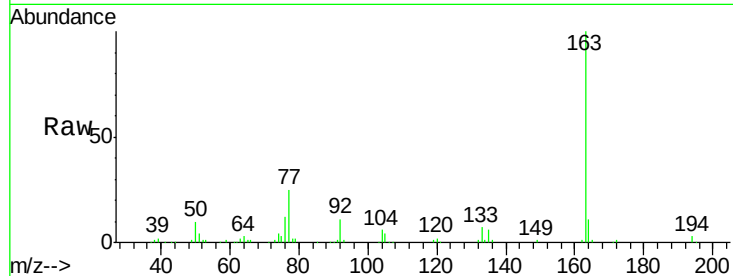




#50
2,6-Dinitrotoluene
Concen: 0.90 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.11 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

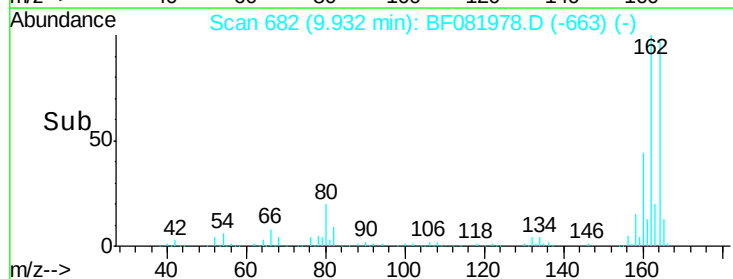
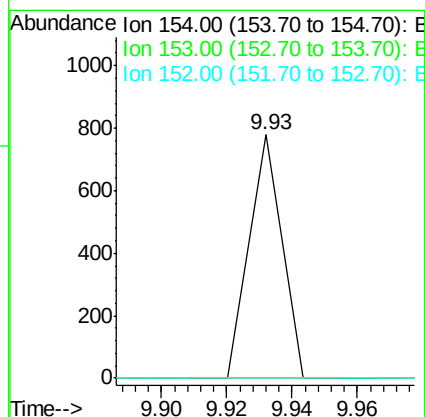
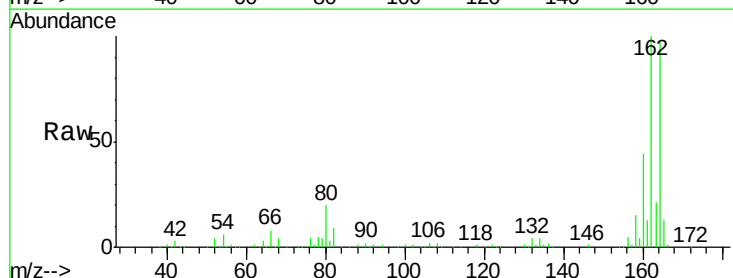
Instrument :
BNA_F
ClientSampleId :
A8-COMP

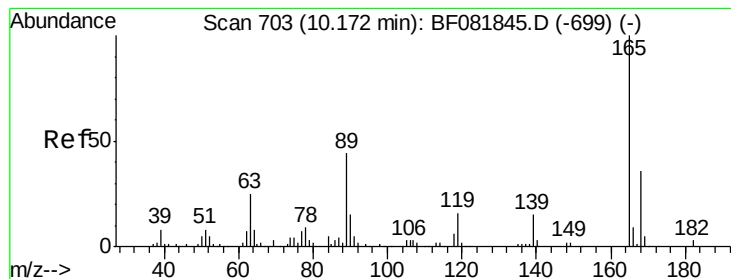
Tot Ion:165 Resp: 2617
Ion Ratio Lower Upper
165 100
63 177.1 32.3 48.5#
89 18.1 28.6 43.0#



#51
Acenaphthene
Concen: 0.05 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.08 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Tgt Ion:154 Resp: 534
Ion Ratio Lower Upper
154 100
153 0.0 82.1 123.1#
152 0.0 37.9 56.9#

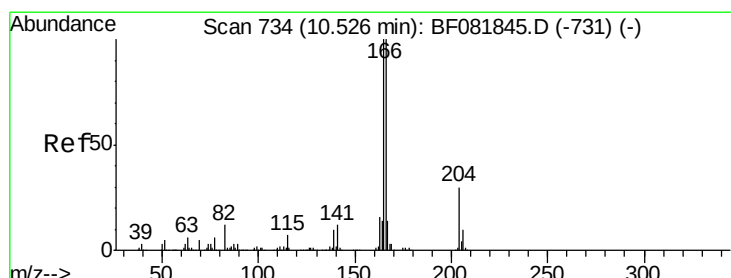
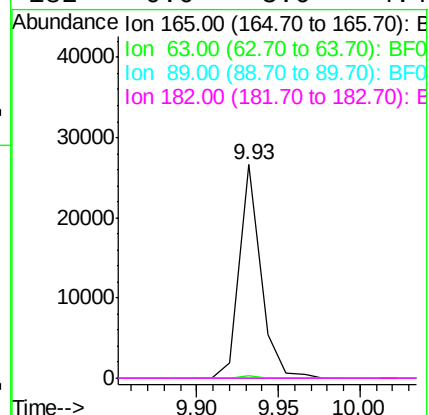
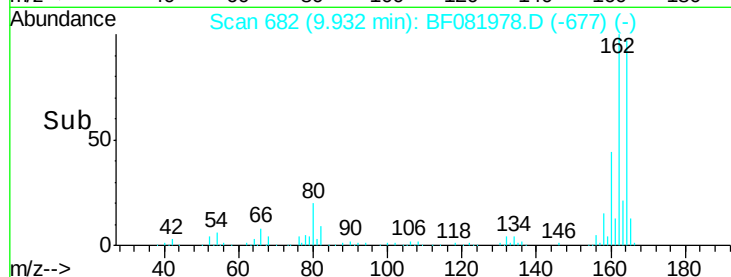
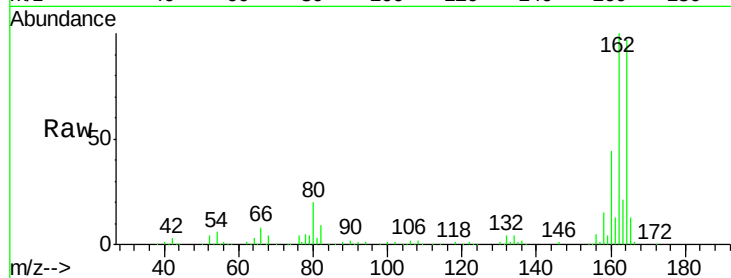




#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

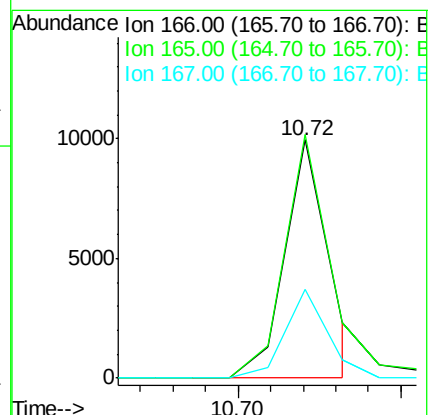
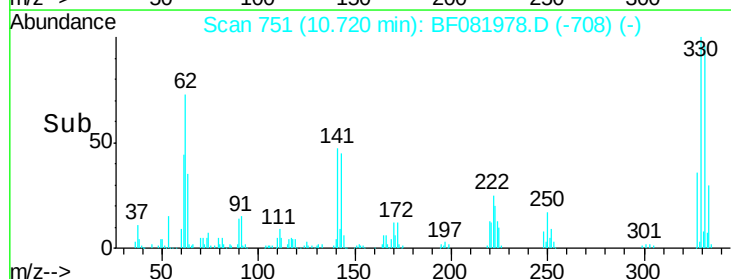
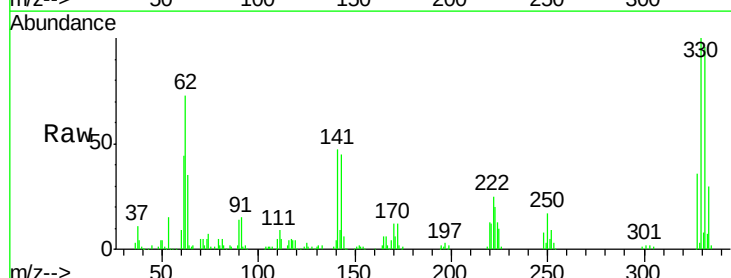
Instrument :
BNA_F
ClientSampleId :
A8-COMP

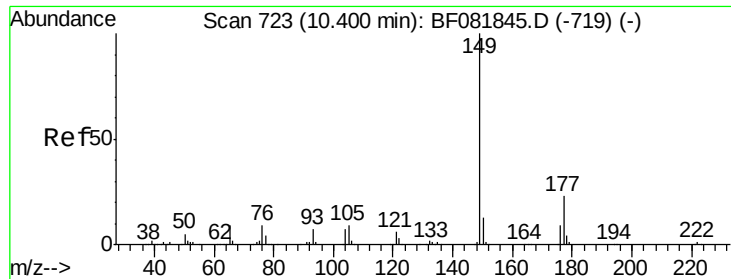
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#57
Fluorene
Concen: Below Cal
RT: 10.72 min Scan# 751
Delta R.T. 0.19 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.3	72.6	109.0
167	37.1	10.6	16.0#

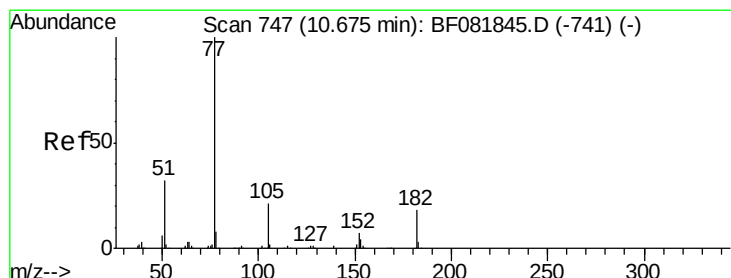
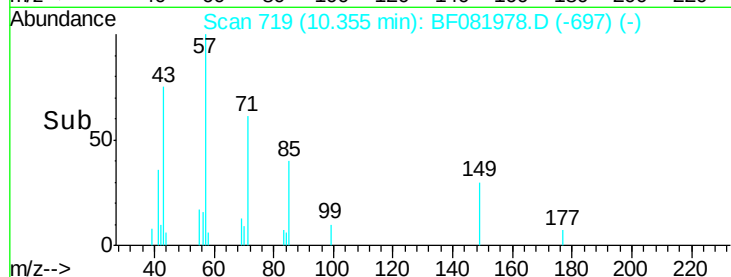
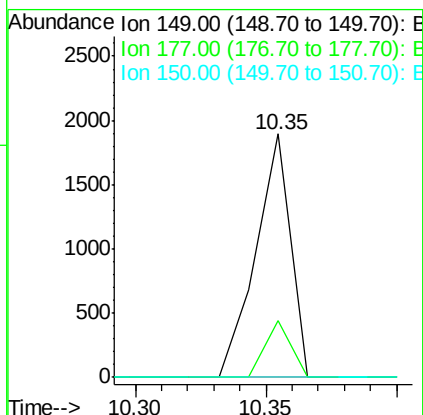
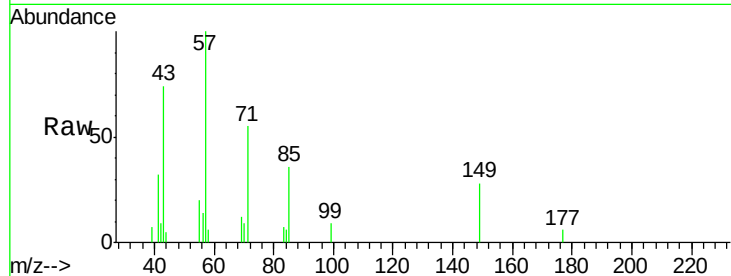




#59
Diethylphthalate
Concen: 0.14 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

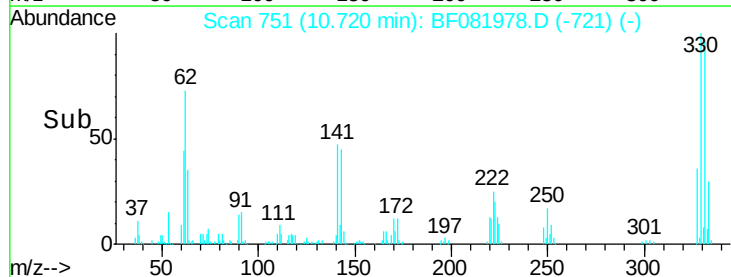
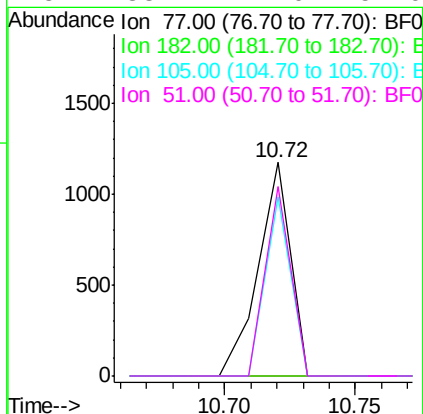
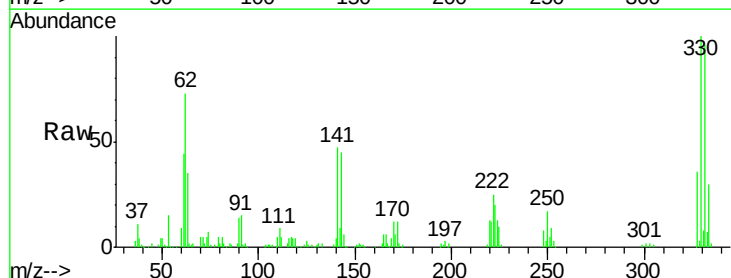
Instrument :
BNA_F
ClientSampleId :
A8-COMP

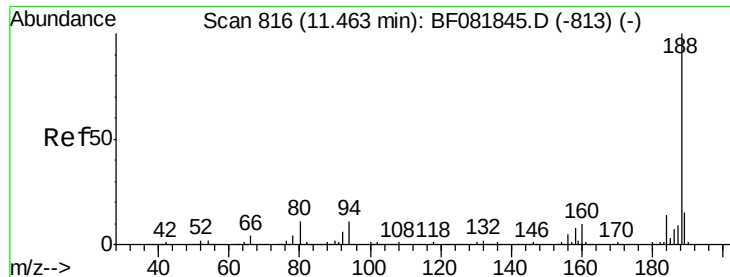
Tot Ion:149 Resp: 1765
Ion Ratio Lower Upper
149 100
177 23.3 17.5 26.3
150 0.0 9.4 14.2#



#62
Azobenzene
Concen: 0.08 ng
RT: 10.72 min Scan# 751
Delta R.T. 0.05 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Tgt Ion: 77 Resp: 1021
Ion Ratio Lower Upper
77 100
182 0.0 15.1 55.1#
105 83.9 3.4 43.4#
51 88.4 12.0 52.0#

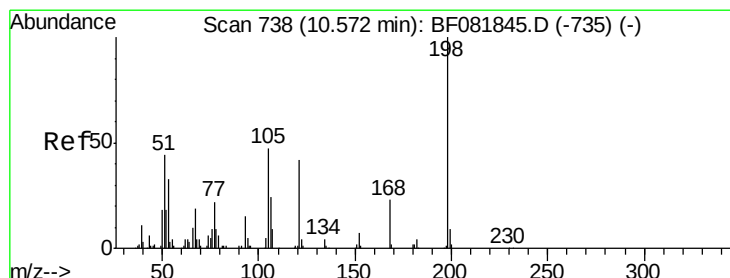
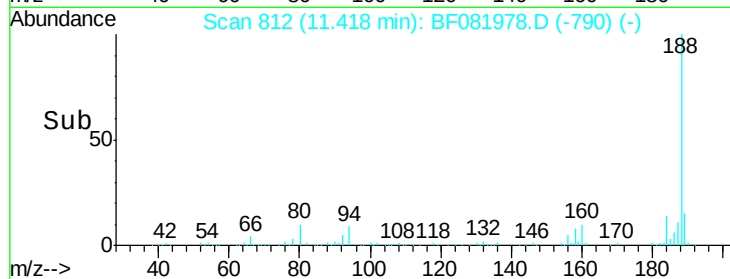
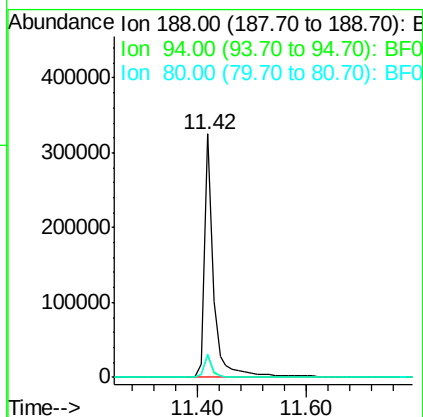
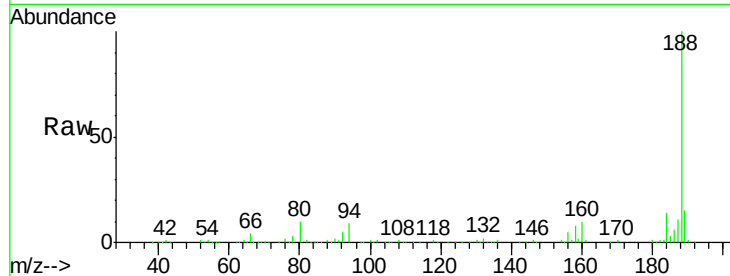




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081978.D
 Acq: 2 Oct 2015 10:52

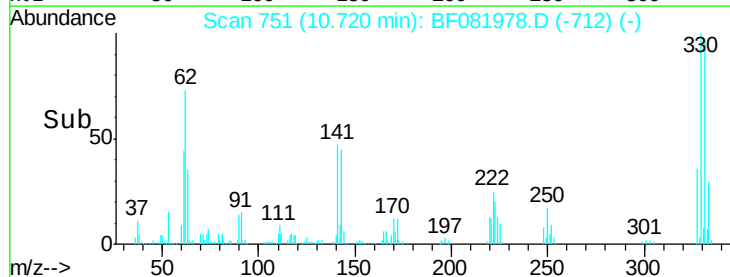
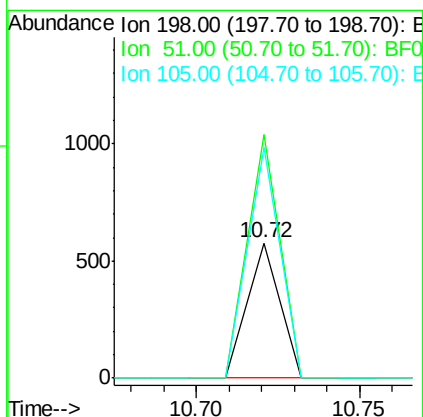
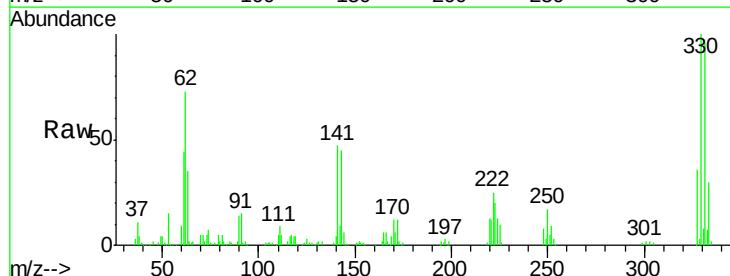
Instrument :
 BNA_F
 ClientSampleId :
 A8-COMP

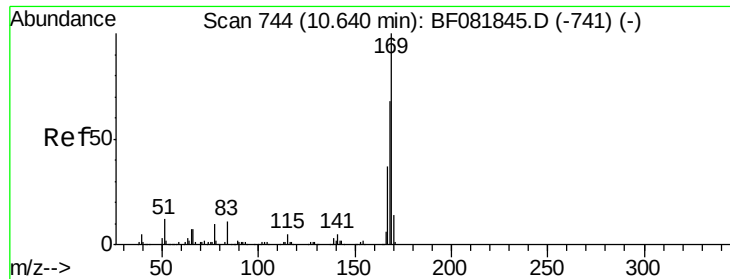
Tot Ion:188 Resp: 378311
 Ion Ratio Lower Upper
 188 100
 94 9.1 11.1 16.7#
 80 9.8 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.44 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.15 min
 Lab File: BF081978.D
 Acq: 2 Oct 2015 10:52

Tgt Ion:198 Resp: 396
 Ion Ratio Lower Upper
 198 100
 51 180.1 39.6 79.6#
 105 170.9 28.5 68.5#

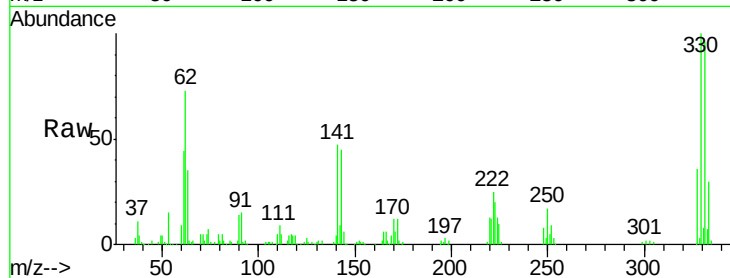




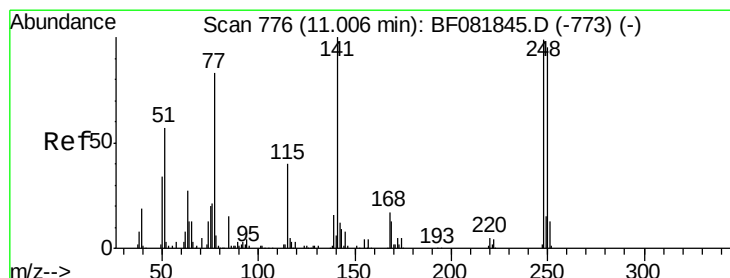
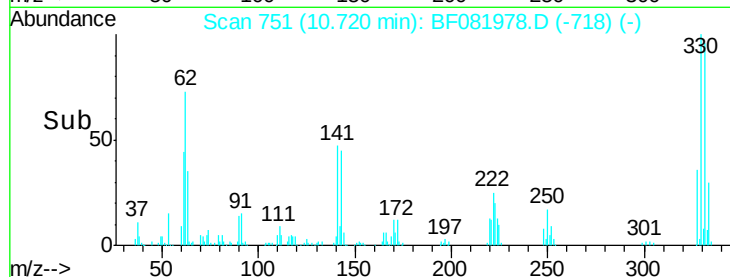
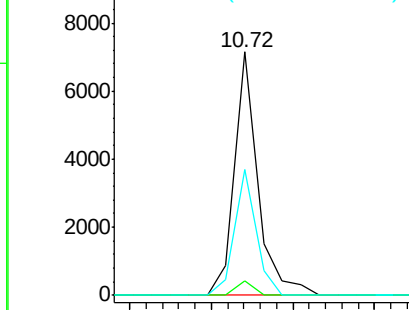
#65
n-Nitrosodiphenylamine
Concen: 0.62 ng
RT: 10.72 min Scan# 751
Delta R.T. 0.08 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Instrument :
BNA_F
ClientSampleId :
A8-COMP

Tot Ion:169 Resp: 7050
Ion Ratio Lower Upper
169 100
168 5.7 48.9 73.3#
167 51.6 26.2 39.4#

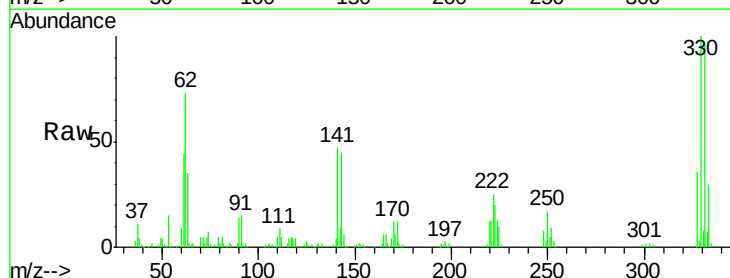


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

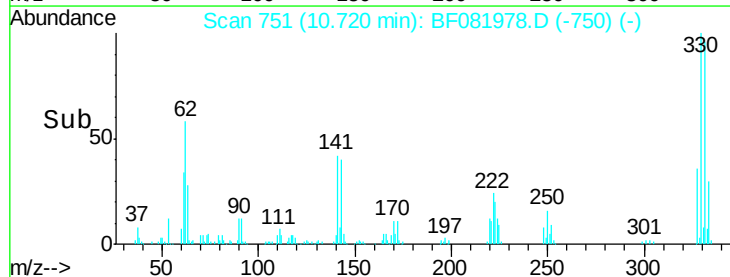
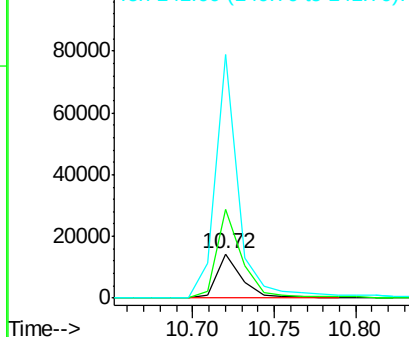


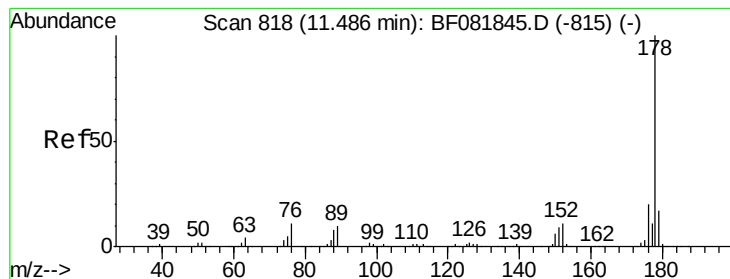
#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Tgt Ion:248 Resp: 15231
Ion Ratio Lower Upper
248 100
250 202.2 78.5 117.7#
141 552.2 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





#70

Phenanthrene

Concen: Below Cal

RT: 11.44 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

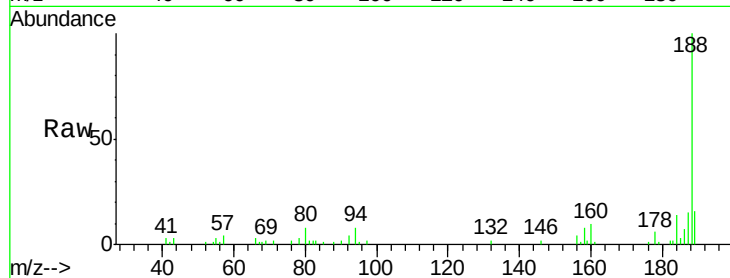
Tot Ion:178 Resp: 2085

Ion Ratio Lower Upper

178 100

176 18.5 13.8 20.8

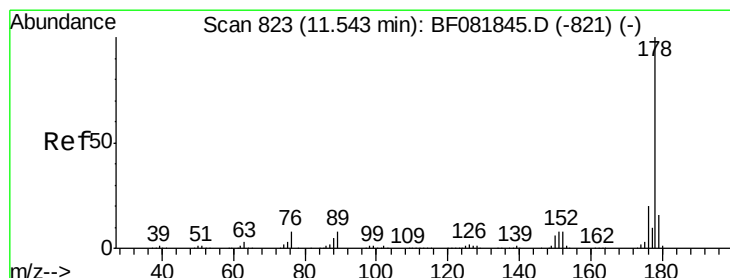
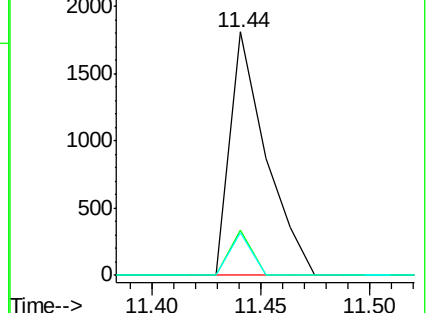
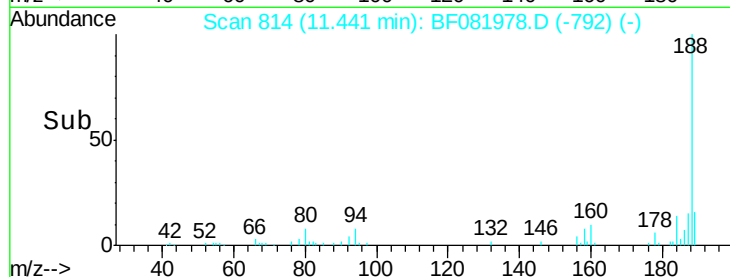
179 17.4 12.2 18.2



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: 0.11 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.10 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

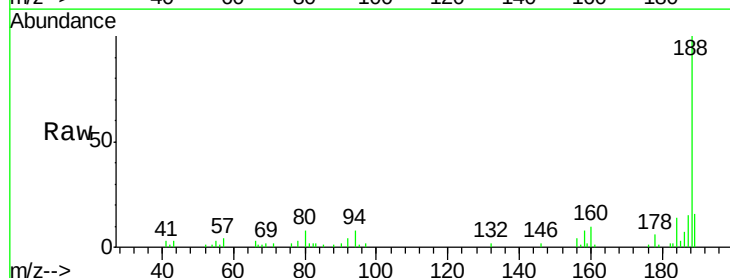
Tgt Ion:178 Resp: 2085

Ion Ratio Lower Upper

178 100

176 18.5 14.1 21.1

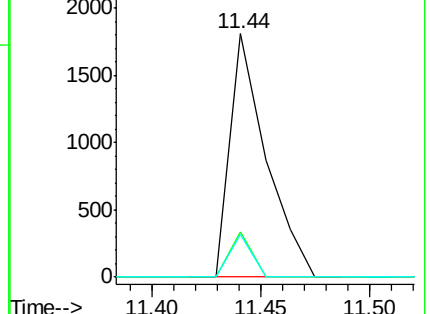
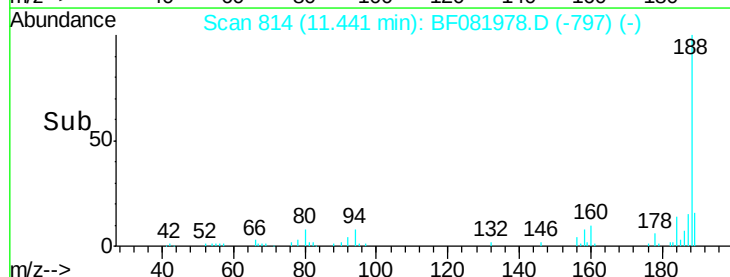
179 17.4 12.2 18.2

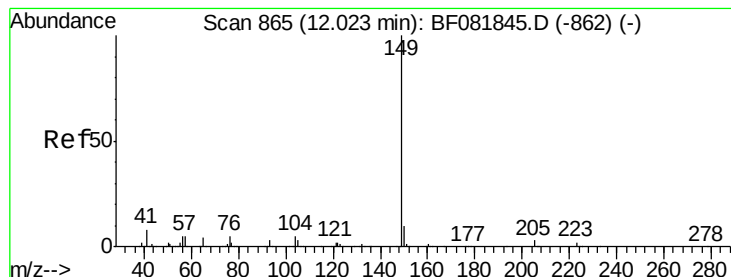


Abundance Ion 178.00 (177.70 to 178.70): E

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: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

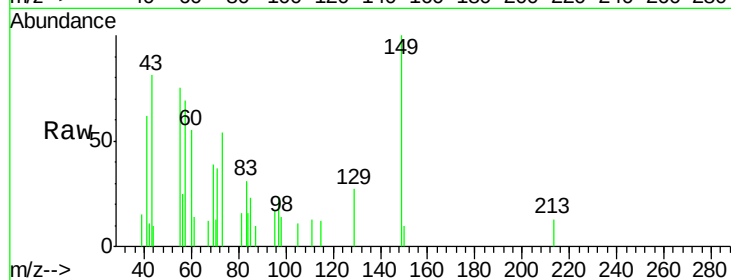
Tot Ion:149 Resp: 2613

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

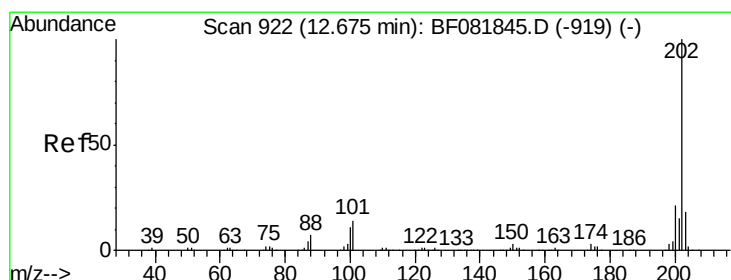
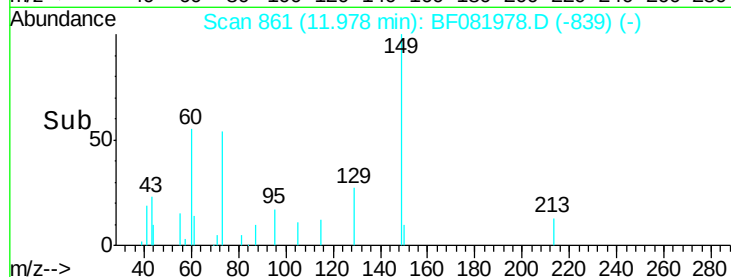
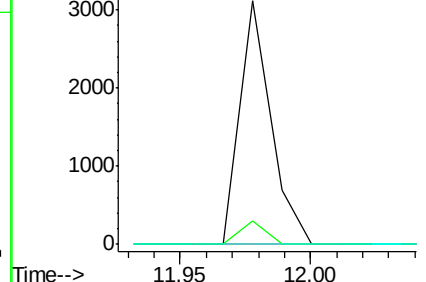
104 0.0 2.4 3.6#



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: 0.31 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

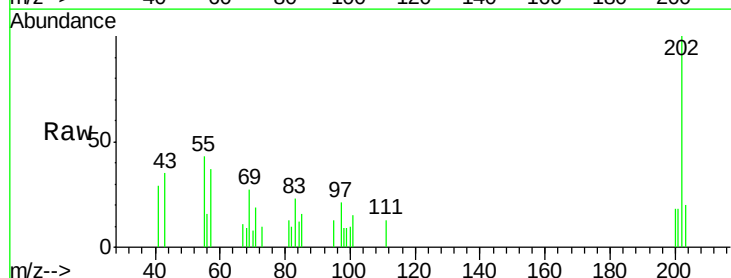
Tgt Ion:202 Resp: 6223

Ion Ratio Lower Upper

202 100

101 15.1 0.0 38.3

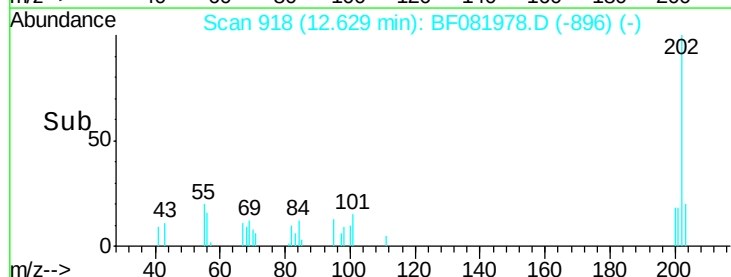
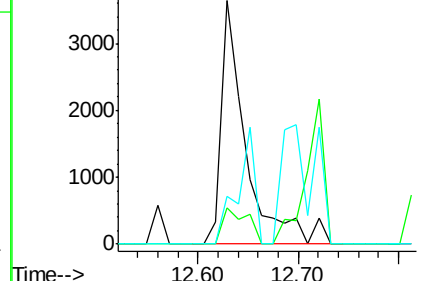
203 19.8 0.0 37.3

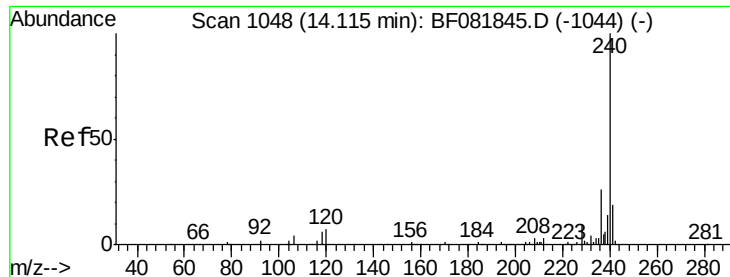


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

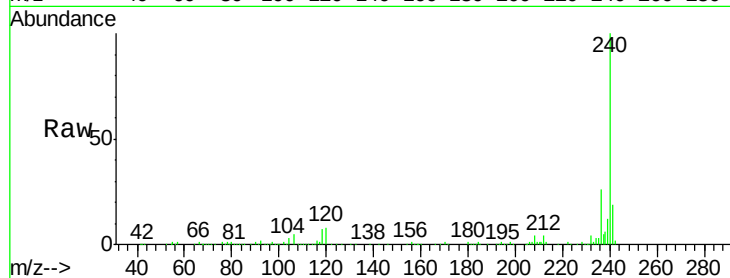
Tot Ion:240 Resp: 339143

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

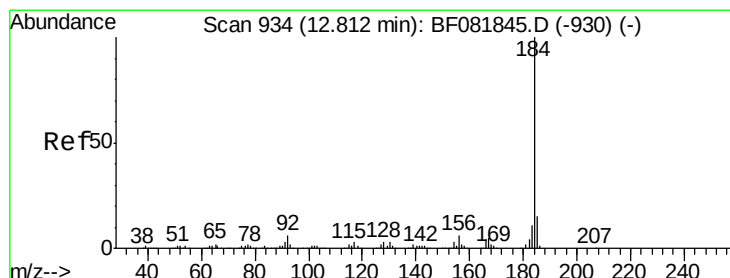
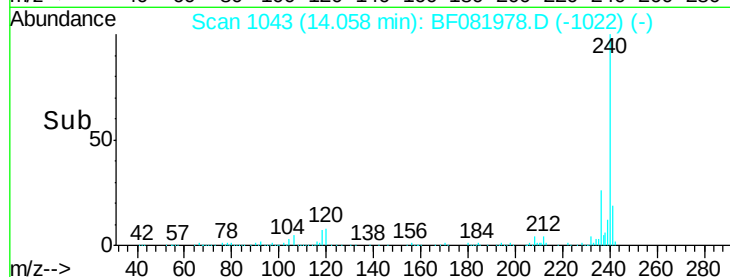
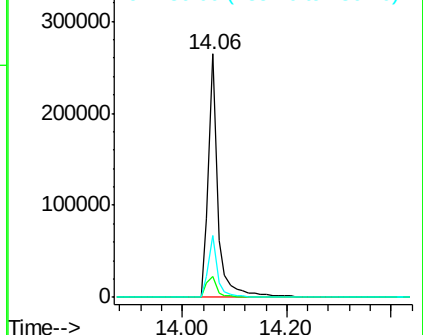
236 25.6 18.4 27.6



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: 1.25 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.19 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

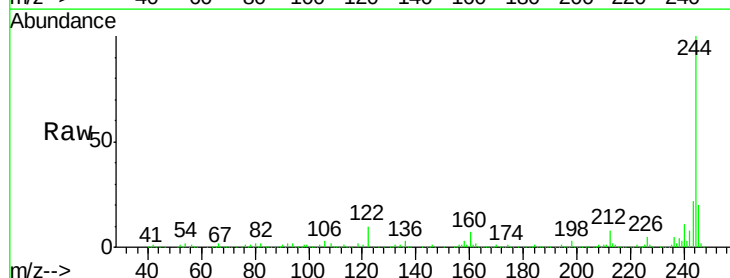
Tgt Ion:184 Resp: 12790

Ion Ratio Lower Upper

184 100

185 18.9 11.8 17.6#

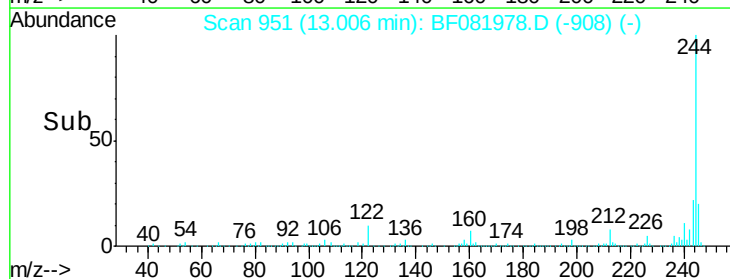
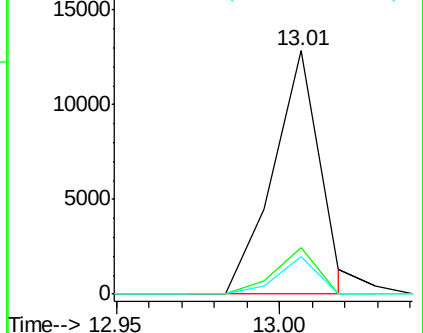
183 15.4 7.6 11.4#

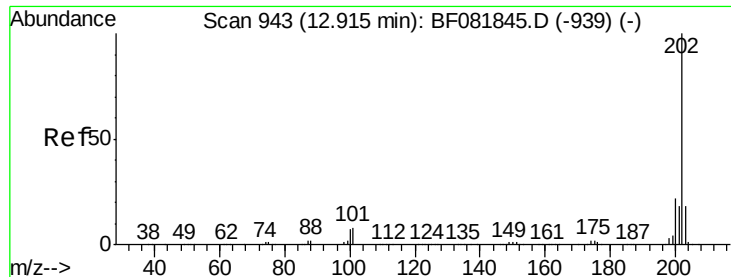


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

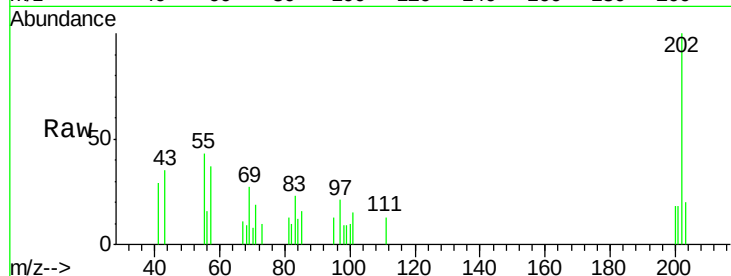




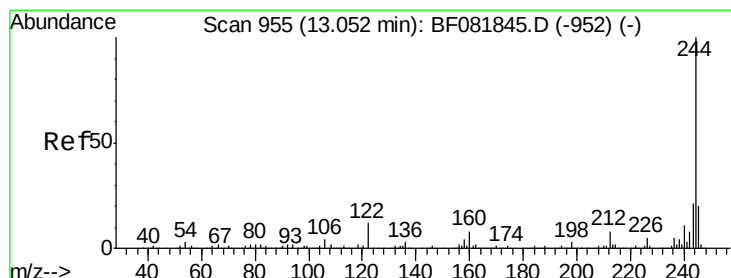
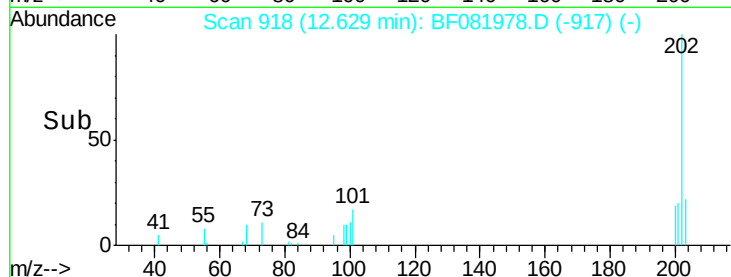
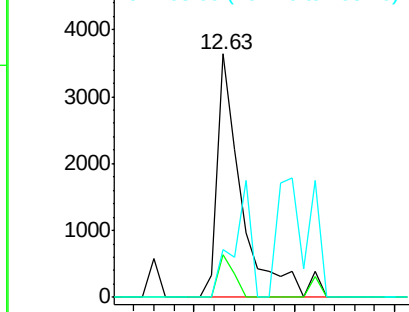
#77
 Pvrene
 Concen: 0.31 ng
 RT: 12.63 min Scan# 918
 Delta R.T. -0.29 min
 Lab File: BF081978.D
 Acq: 2 Oct 2015 10:52

Instrument :
 BNA_F
 ClientSampleId :
 A8-COMP

Tot Ion:202 Resp: 6223
 Ion Ratio Lower Upper
 202 100
 200 17.6 15.0 22.4
 203 19.8 14.1 21.1

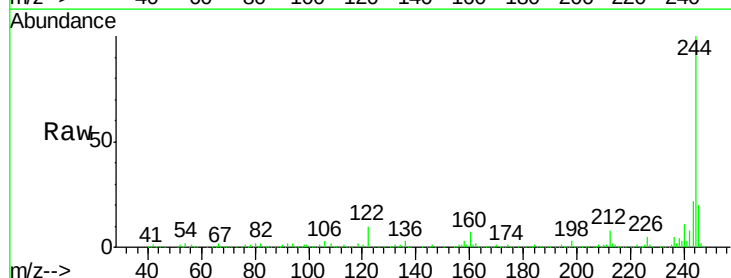


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

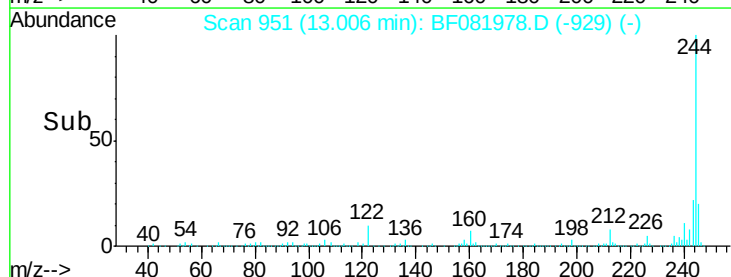
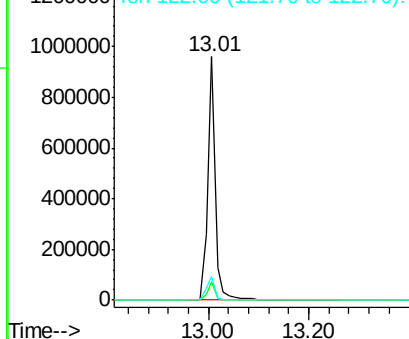


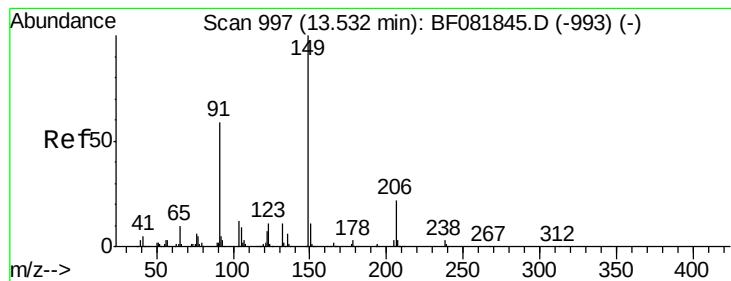
#78
 Terphenyl-d14
 Concen: 100.35 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081978.D
 Acq: 2 Oct 2015 10:52

Tgt Ion:244 Resp: 1001847
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 9.5 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: 0.06 ng

RT: 13.46 min Scan# 991

Delta R.T. -0.07 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

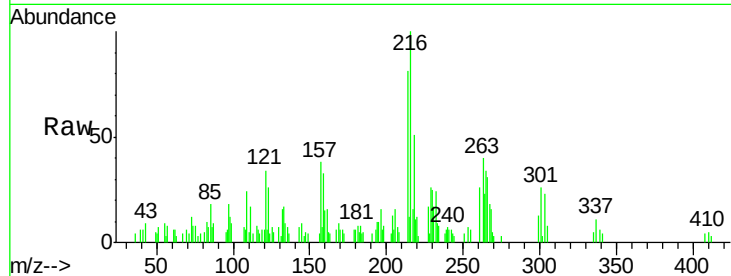
Tot Ion:149 Resp: 463

Ion Ratio Lower Upper

149 100

91 0.0 48.6 72.8#

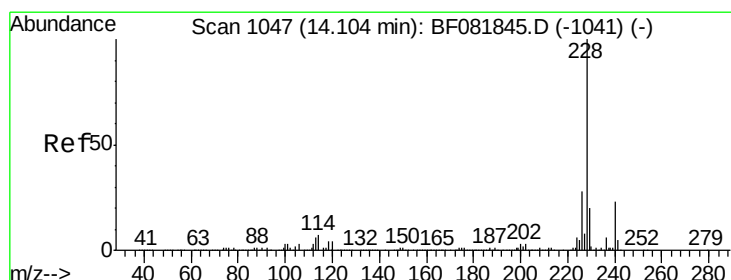
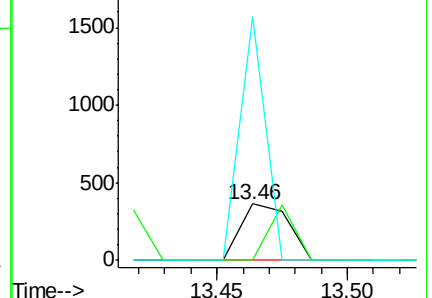
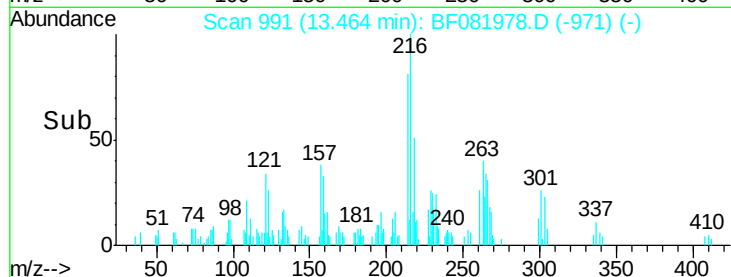
206 433.4 14.9 22.3#



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



#80

Benzo(a)anthracene

Concen: 0.18 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

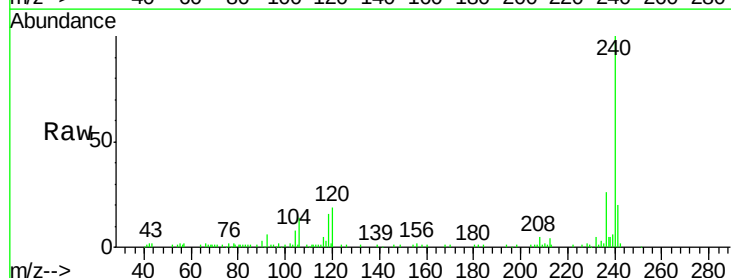
Tgt Ion:228 Resp: 3260

Ion Ratio Lower Upper

228 100

226 22.6 20.0 30.0

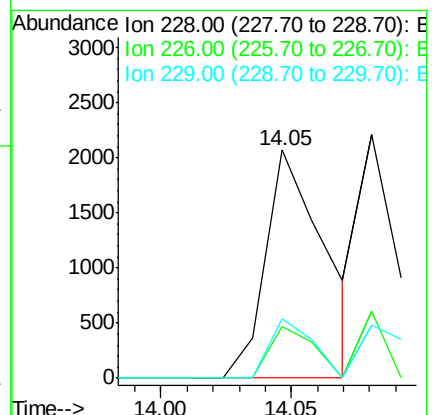
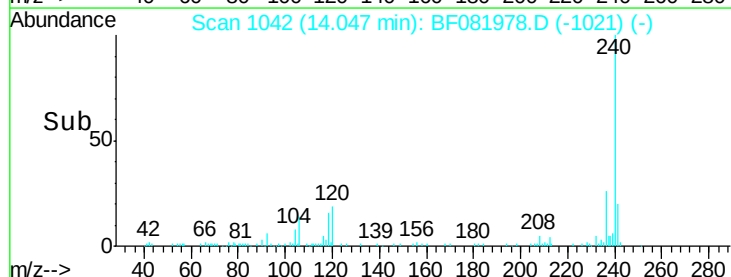
229 25.8 15.4 23.2#

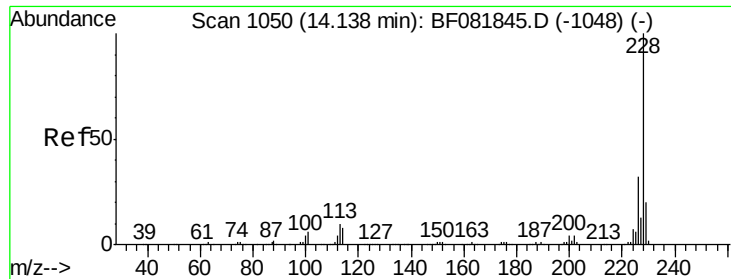


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 1.04 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

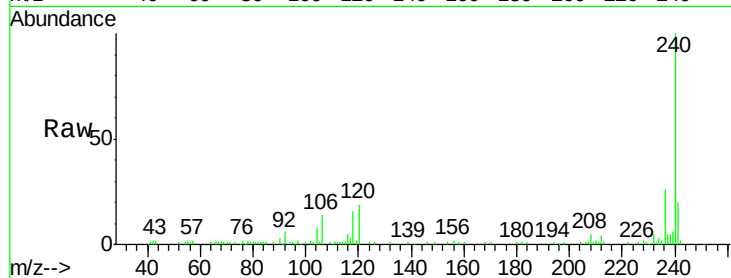
BNA_F

ClientSampleId :

A8-COMP

Tot Ion:228 Resp: 3260

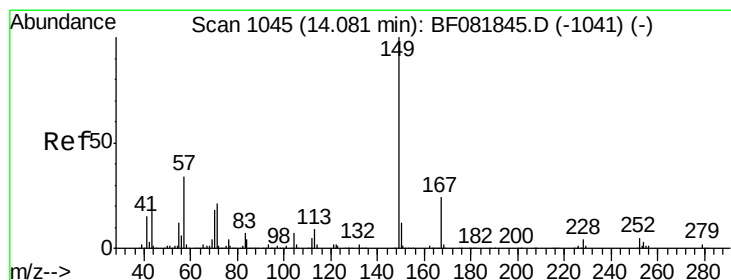
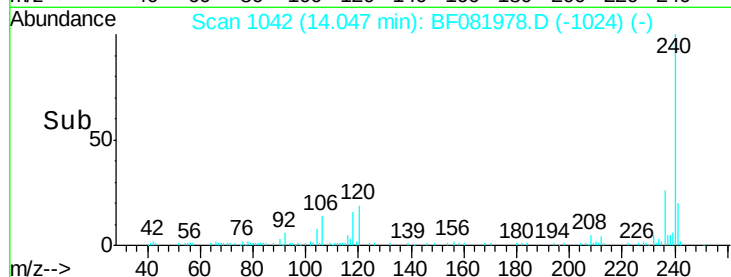
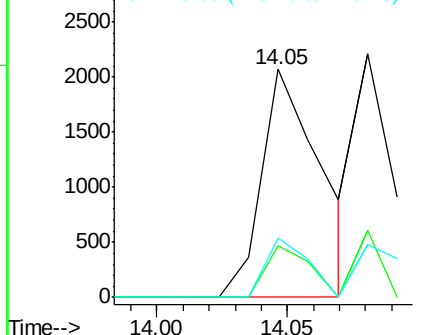
Ion	Ratio	Lower	Upper
228	100		
226	22.6	21.0	31.4
229	25.8	15.6	23.4#



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: 0.87 ng

RT: 14.04 min Scan# 1041

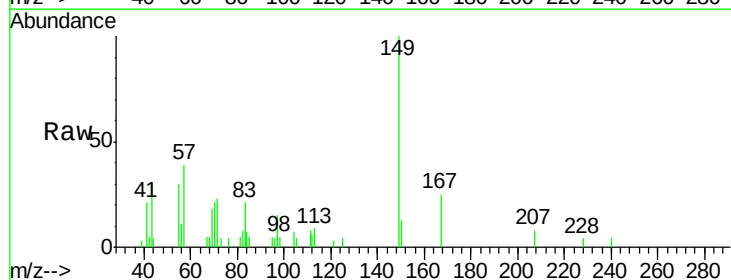
Delta R.T. -0.05 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Tgt Ion:149 Resp: 8292

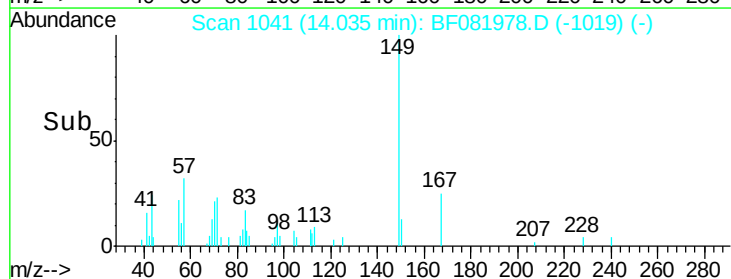
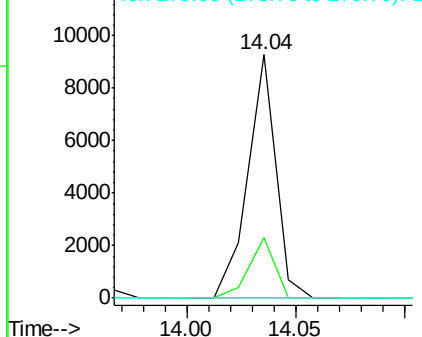
Ion	Ratio	Lower	Upper
149	100		
167	24.9	24.2	36.2
279	0.0	3.8	5.6#

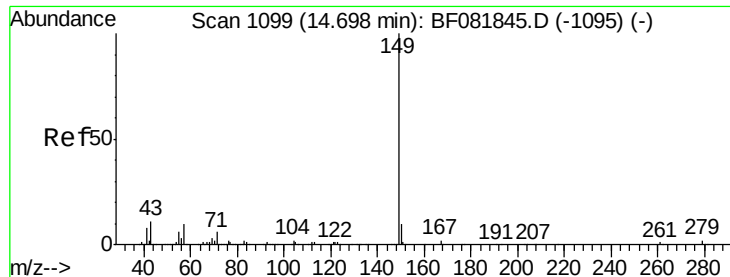


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.07 ng

RT: 14.64 min Scan# 1094

Delta R.T. -0.06 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

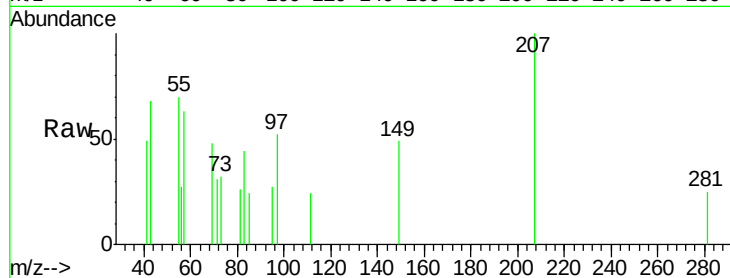
Tot Ion:149 Resp: 1059

Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

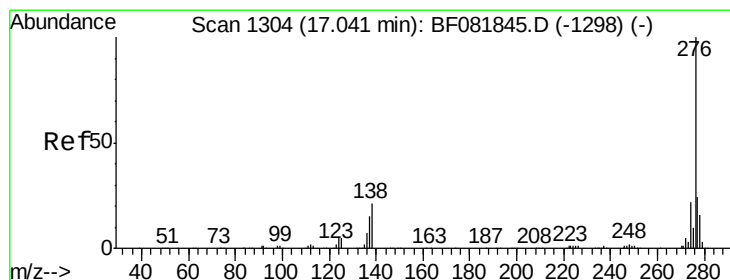
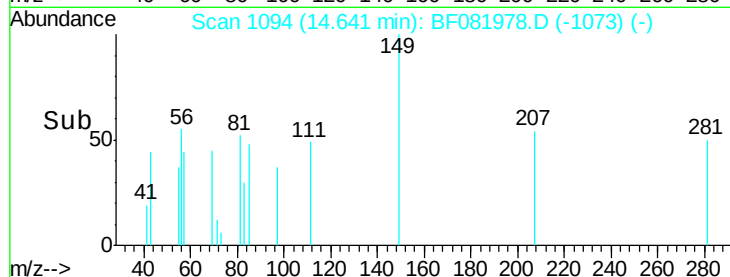
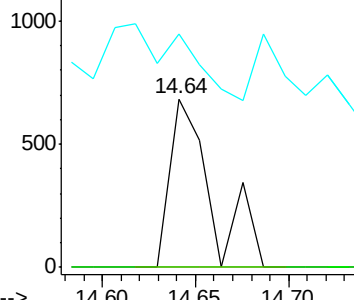
43 0.0 10.2 15.2#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng

RT: 16.94 min Scan# 1295

Delta R.T. -0.10 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

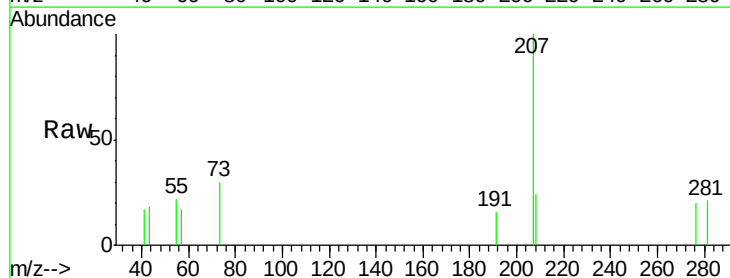
Tgt Ion:276 Resp: 697

Ion Ratio Lower Upper

276 100

138 0.0 25.7 38.5#

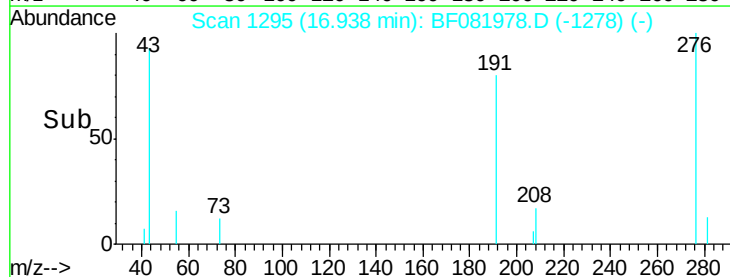
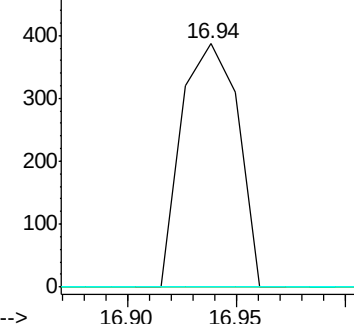
277 0.0 15.6 23.4#

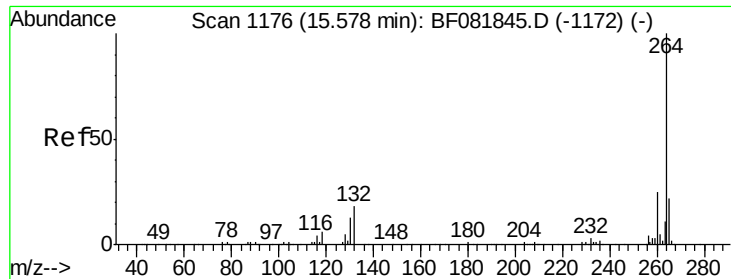


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

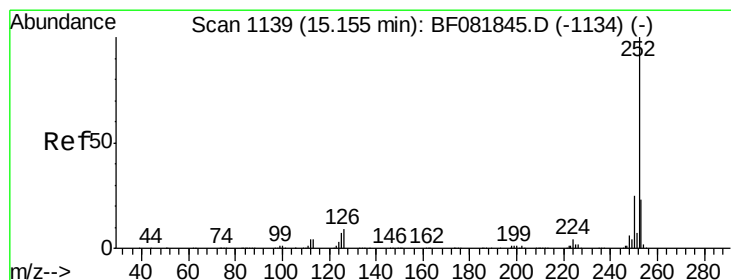
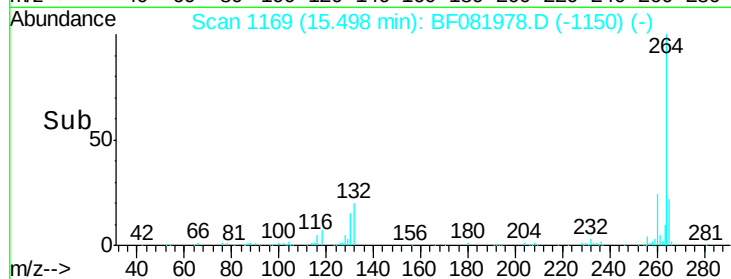
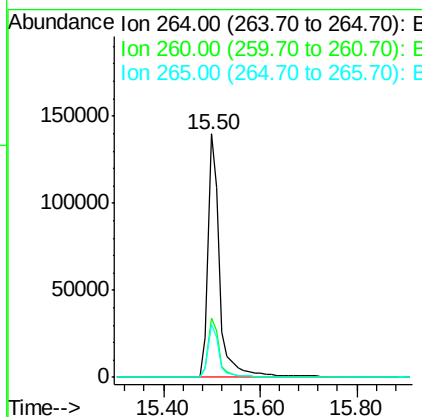
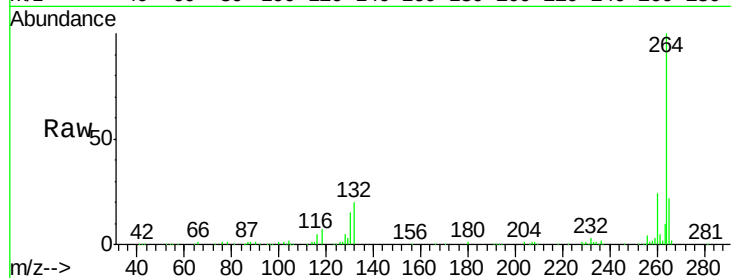




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

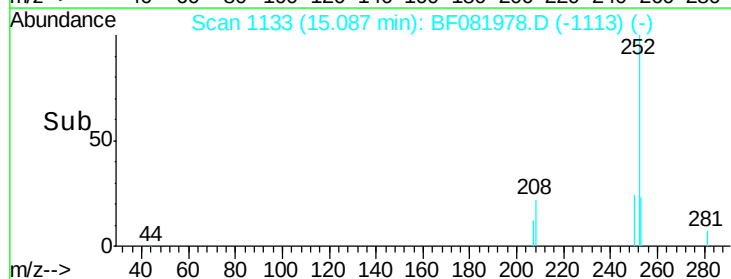
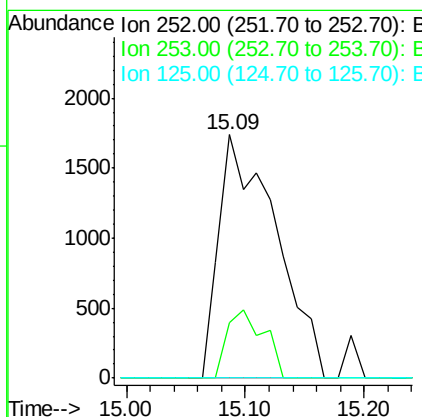
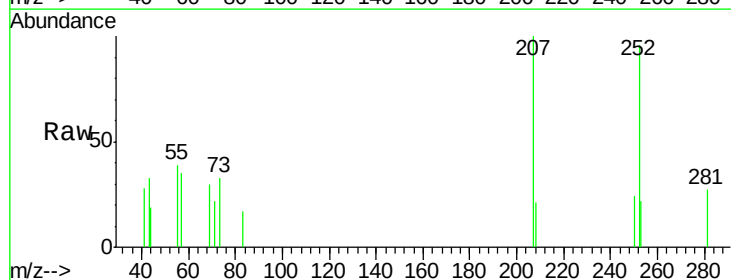
Instrument :
BNA_F
ClientSampleId :
A8-COMP

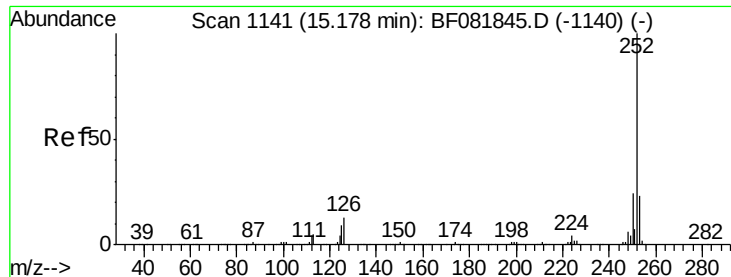
Tot Ion:264 Resp: 240475
Ion Ratio Lower Upper
264 100
260 24.2 16.7 25.1
265 21.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Tgt Ion:252 Resp: 5797
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 0.0 17.1 25.7#

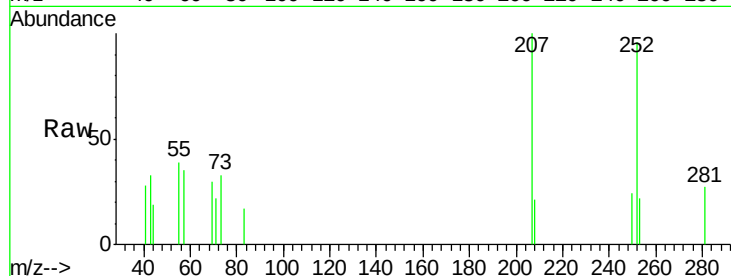




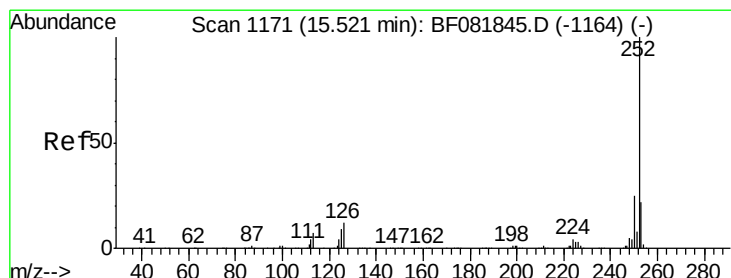
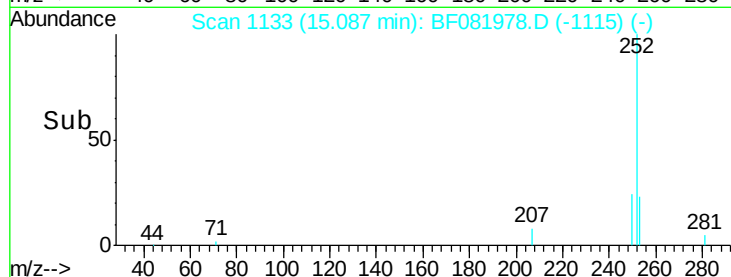
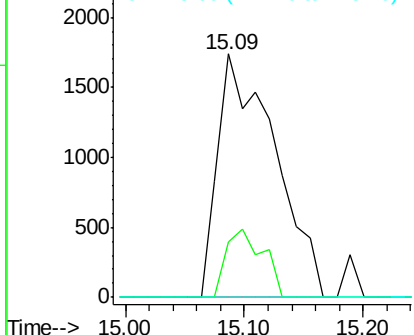
#88
Benzo(k)fluoranthene
Concen: 0.46 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.09 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Instrument :
BNA_F
ClientSampleId :
A8-COMP

Tot Ion:252 Resp: 5797
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 0.0 16.0 24.0#

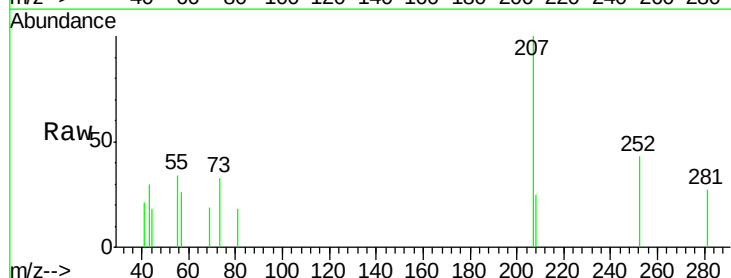


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

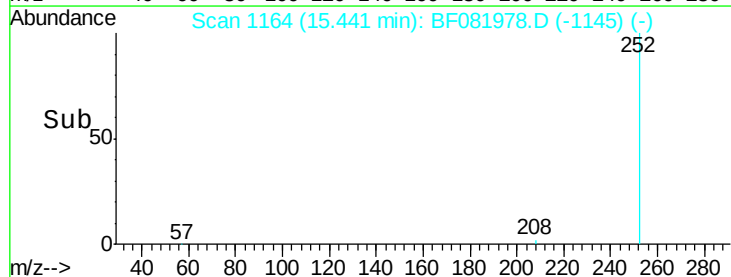
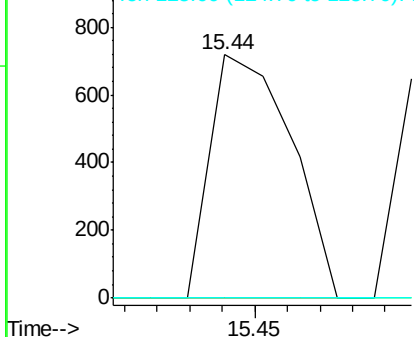


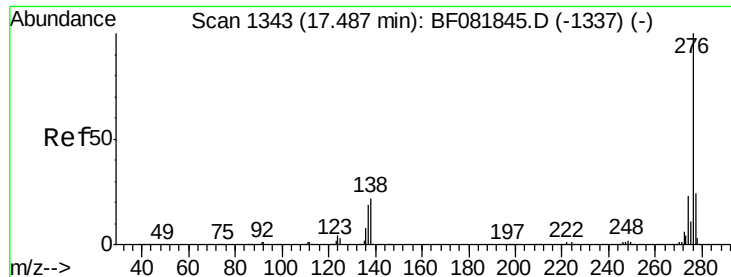
#89
Benzo(a)pyrene
Concen: 0.10 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.08 min
Lab File: BF081978.D
Acq: 2 Oct 2015 10:52

Tgt Ion:252 Resp: 1228
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





#91

Benzo(a,h,i)perylene

Concen: 0.05 ng

RT: 17.36 min Scan# 1332

Delta R.T. -0.13 min

Lab File: BF081978.D

Acq: 2 Oct 2015 10:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

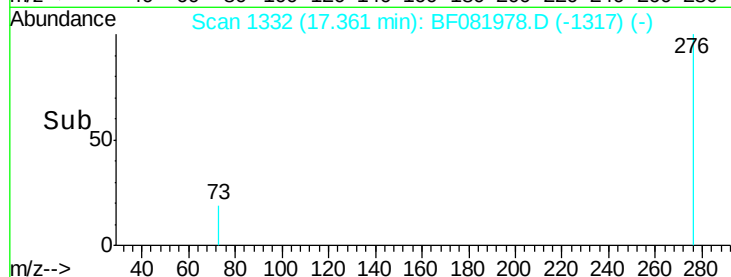
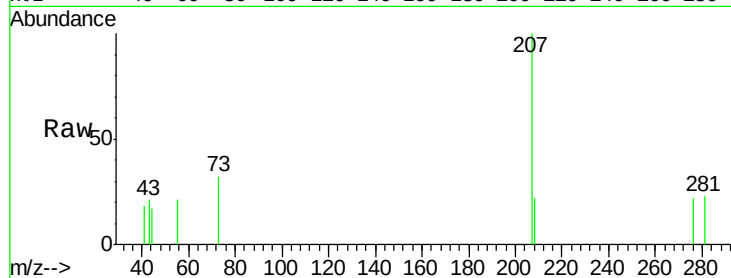
Tot Ion: 276 Resp: 501

Ion Ratio Lower Upper

276 100

277 0.0 17.8 26.6#

138 0.0 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

