

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
 Data File : BF081973.D
 Acq On : 2 Oct 2015 8:21
 Operator : UM/IZ
 Sample : G3875-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

Quant Time: Oct 02 11:28:35 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	6.90	152	111036	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	454709	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	210550	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	456795	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	375634	20.00	ng	-0.06
86) Perylene-d12	15.50	264	105148	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	677330	110.74	ng	-0.02
7) Phenol-d6	6.53	99	861637	111.95	ng	-0.03
23) Nitrobenzene-d5	7.46	82	614756	90.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	288650	135.37	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1160368	94.19	ng	-0.05
78) Terphenyl-d14	13.01	244	1217847	116.20	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	1029	0.39	ng	# 11
4) n-Nitrosodimethylamine	3.10	42	206	0.07	ng	# 1
6) Aniline	6.66	93	706	0.07	ng	# 1
8) 2-Chlorophenol	6.67	128	235	0.03	ng	# 1
9) Benzaldehyde	6.53	77	1105	0.22	ng	# 1
10) Phenol	6.66	94	1219	0.14	ng	# 1
11) bis(2-Chloroethyl)ether	6.66	93	706	0.11	ng	# 1
15) Benzyl Alcohol	7.05	79	9234	1.66	ng	# 31
16) 2,2'-oxybis(1-Chloropropan	7.39	45	933	0.10	ng	# 1
18) Hexachloroethane	7.39	117	712	0.27	ng	# 33
19) n-Nitroso-di-n-propylamine	7.46	70	77444	16.56	ng	# 58
22) Acetophenone	7.39	105	691	0.07	ng	# 75
24) Nitrobenzene	7.46	77	1421	0.19	ng	# 15
25) Isophorone	7.46	82	520349	38.49	ng	# 58
31) Naphthalene	8.31	128	449	0.02	ng	# 1
34) Hexachlorobutadiene	8.46	225	309	0.08	ng	# 18
45) 1,1'-Biphenyl	9.26	154	1949	0.12	ng	# 1
47) 2-Nitroaniline	9.26	65	1668	0.45	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	25418	8.06	ng	# 39
51) Acenaphthene	9.93	154	446	0.04	ng	# 9
56) 2,4-Dinitrotoluene	9.93	165	25663	6.38	ng	# 34
57) Fluorene	10.72	166	11320	Below Cal		# 83
59) Diethylphthalate	10.35	149	1741	0.13	ng	# 89
62) Azobenzene	10.72	77	1101	0.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	409	1.40	ng	# 1
65) n-Nitrosodiphenylamine	10.72	169	8571	0.62	ng	# 44
66) 4-Bromophenyl-phenylether	10.72	248	18048	3.92	ng	# 1
70) Phenanthrene	11.44	178	267	Below Cal		# 62
71) Anthracene	11.44	178	267	0.01	ng	# 62
73) Di-n-butylphthalate	11.98	149	4459	Below Cal		# 92
76) Benzidine	13.01	184	15765	1.39	ng	# 92
77) Pvrene	13.01	202	3681	0.16	ng	# 56
79) Butylbenzylphthalate	13.48	149	288	0.03	ng	# 66
80) Benzo(a)anthracene	14.06	228	1171	0.06	ng	# 53

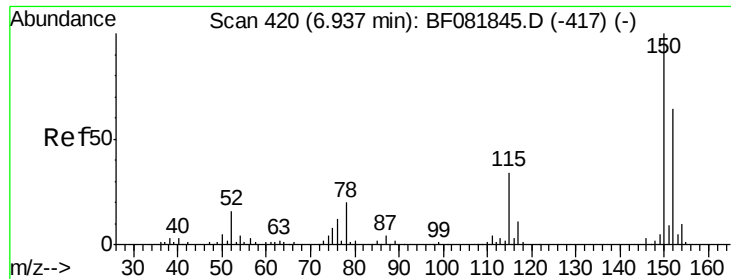
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
Data File : BF081973.D
Acq On : 2 Oct 2015 8:21
Operator : UM/IZ
Sample : G3875-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 02 11:28:35 2015
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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)
82) Chrysene	14.06	228	1171	0.95	nq	# 52
83) Bis(2-ethylhexyl)phthalate	14.04	149	1448	0.14	nq	# 88
84) Di-n-octyl phthalate	14.68	149	226	0.01	nq	# 71
87) Benzo(b)fluoranthene	15.09	252	1139	0.19	nq	# 54
88) Benzo(k)fluoranthene	15.09	252	1139	0.21	nq	# 56
89) Benzo(a)pyrene	15.51	252	281	0.05	nq	# 1

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

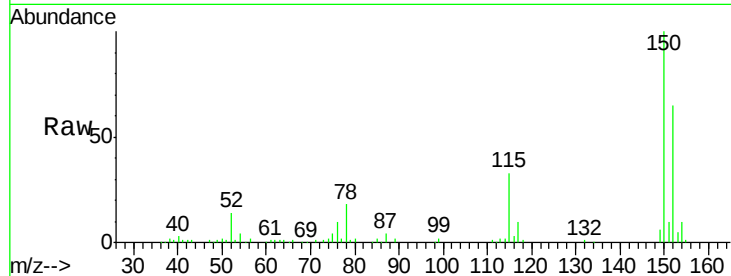


#1

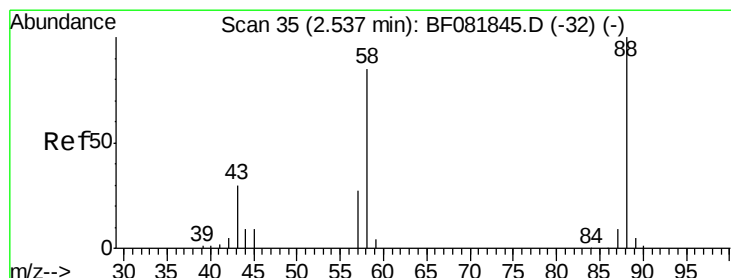
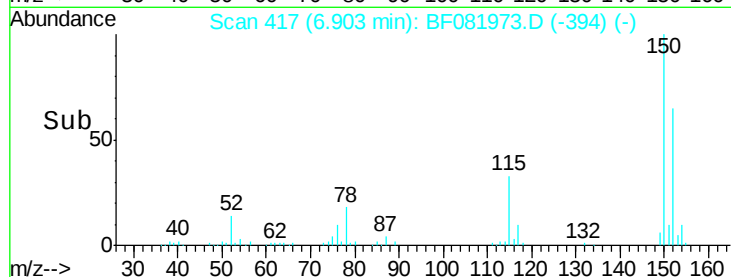
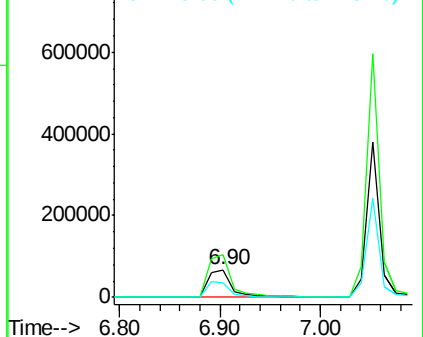
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081973.D
Acq: 2 Oct 2015 8:21

Instrument :
BNA_F
ClientSampleId :
A7-COMP

Tot Ion:152 Resp: 111036
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 50.9 39.0 58.4



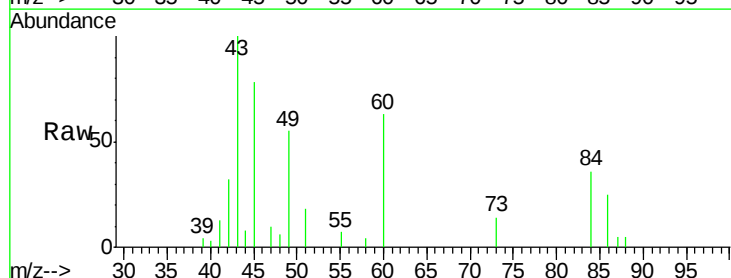
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



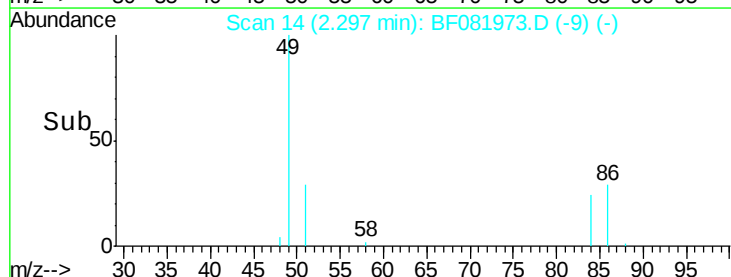
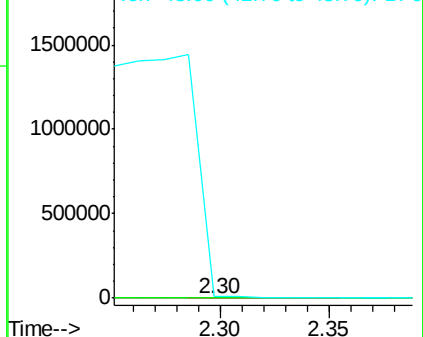
#2

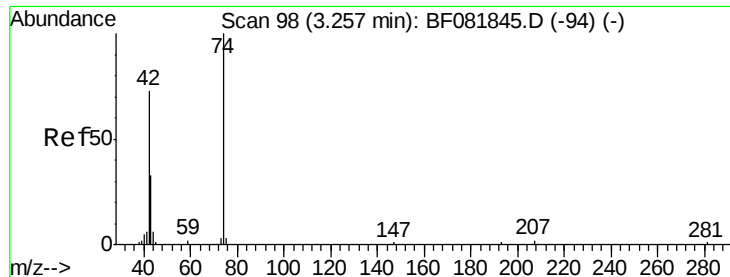
1,4-Dioxane
Concen: 0.39 ng
RT: 2.30 min Scan# 14
Delta R.T. -0.24 min
Lab File: BF081973.D
Acq: 2 Oct 2015 8:21

Tgt Ion: 88 Resp: 1029
Ion Ratio Lower Upper
88 100
58 0.0 77.7 116.5#
43 0.0 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.10 min Scan# 84

Delta R.T. -0.16 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

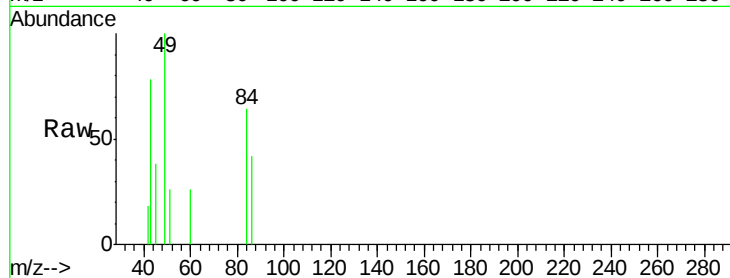
Tot Ion: 42 Resp: 206

Ion Ratio Lower Upper

42 100

74 0.0 105.0 157.6#

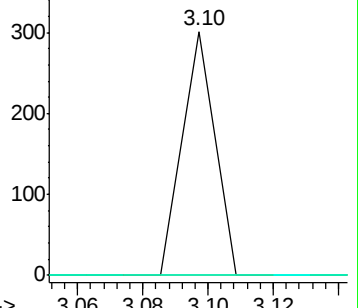
44 0.0 6.6 10.0#



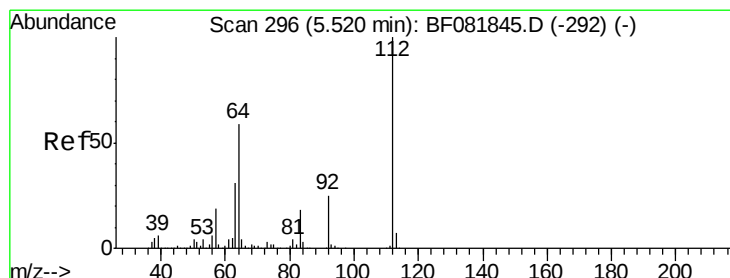
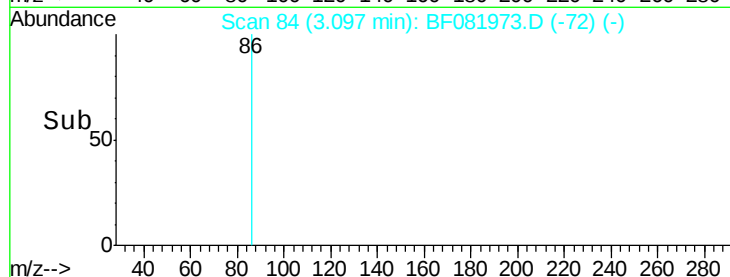
Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



Time-->



#5

2-Fluorophenol

Concen: 110.74 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

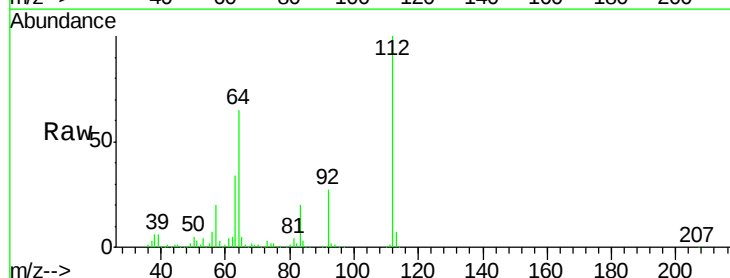
Tgt Ion: 112 Resp: 677330

Ion Ratio Lower Upper

112 100

64 64.8 39.7 59.5#

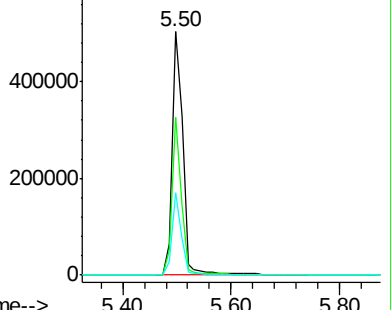
63 33.9 17.4 26.0#



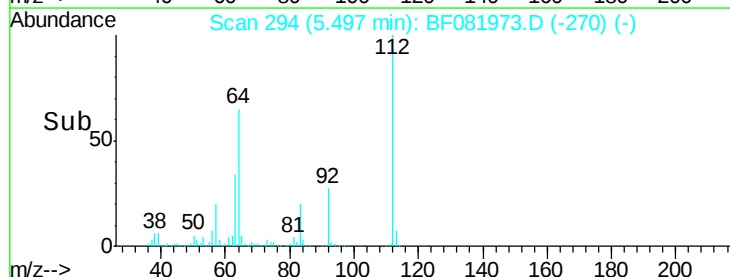
Abundance Ion 112.00 (111.70 to 112.70): E

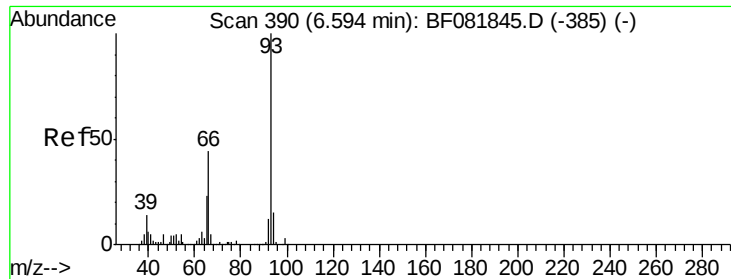
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->





#6

Aniline

Concen: 0.07 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.07 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

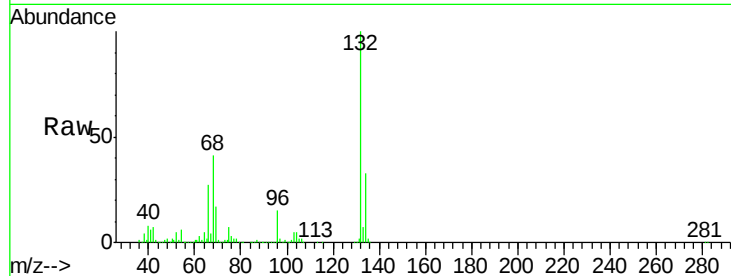
Tot Ion: 93 Resp: 706

Ion Ratio Lower Upper

93 100

66 20045.0 27.2 40.8#

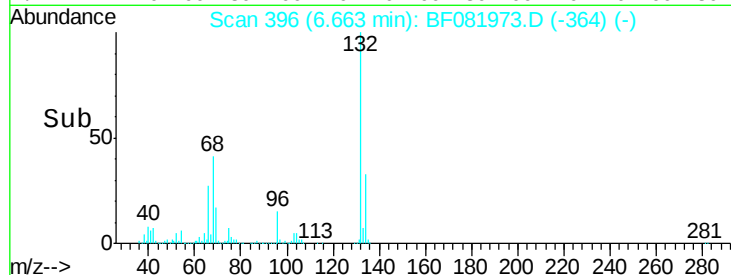
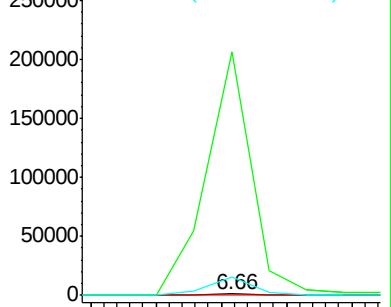
65 1542.6 14.7 22.1#



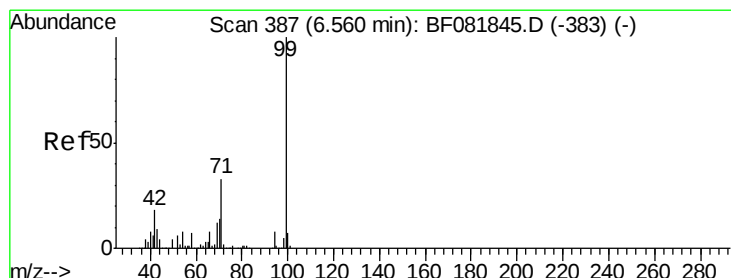
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#7

Phenol-d6

Concen: 111.95 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

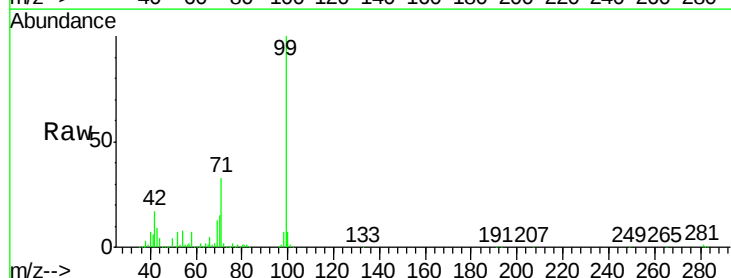
Tgt Ion: 99 Resp: 861637

Ion Ratio Lower Upper

99 100

42 17.1 13.7 20.5

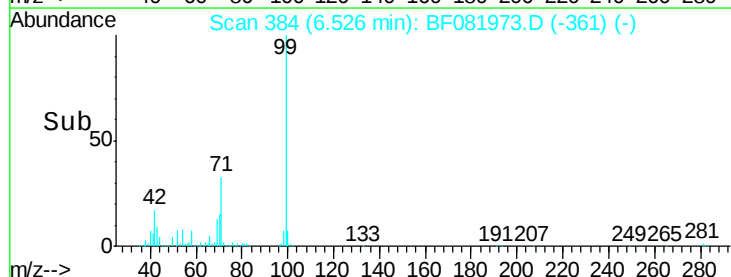
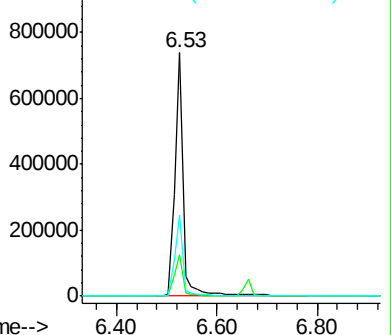
71 33.2 14.2 21.2#



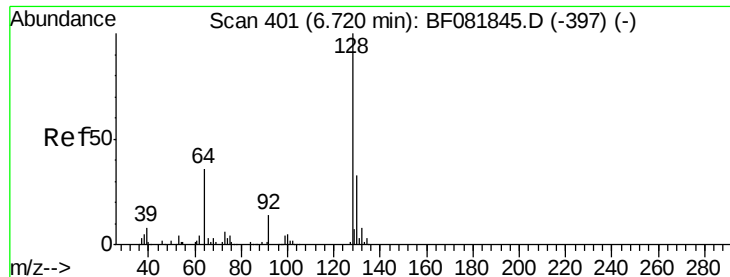
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

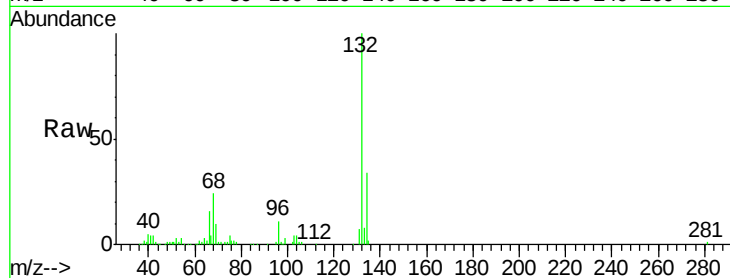
Tot Ion:128 Resp: 235

Ion Ratio Lower Upper

128 100

130 0.0 12.2 52.2#

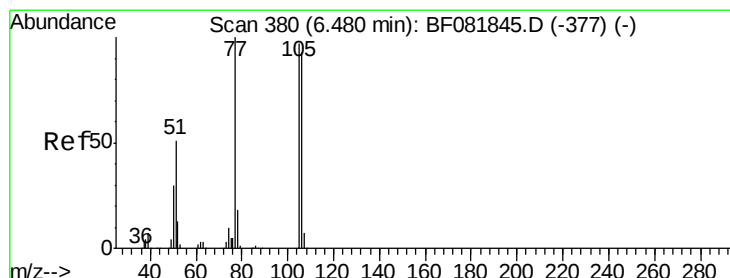
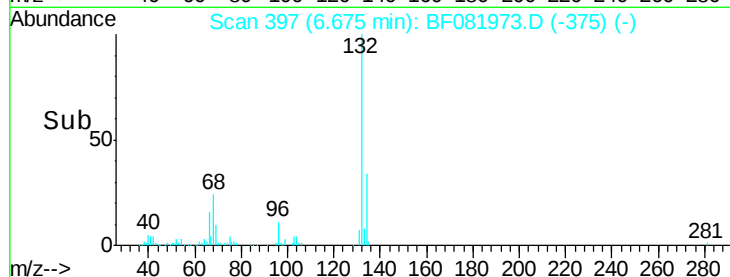
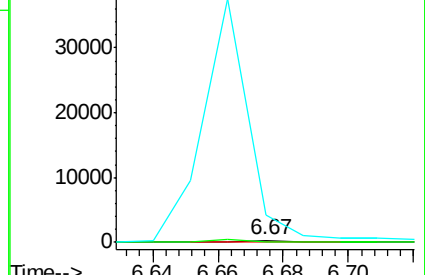
64 1244.9 20.5 60.5#



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: BF081973.D

Acq: 2 Oct 2015 8:21

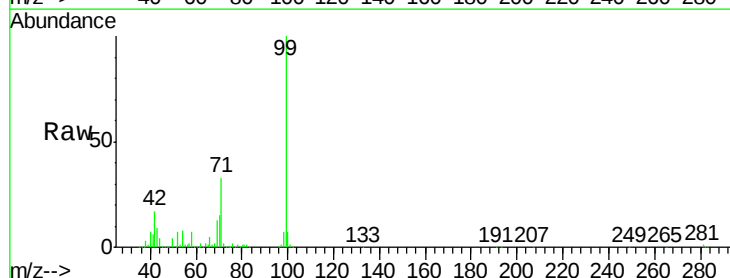
Tgt Ion: 77 Resp: 1105

Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

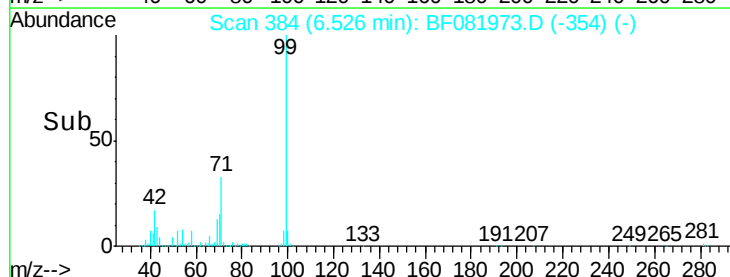
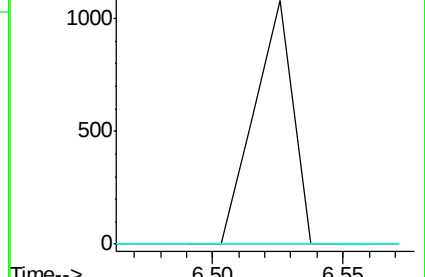
106 0.0 102.6 142.6#

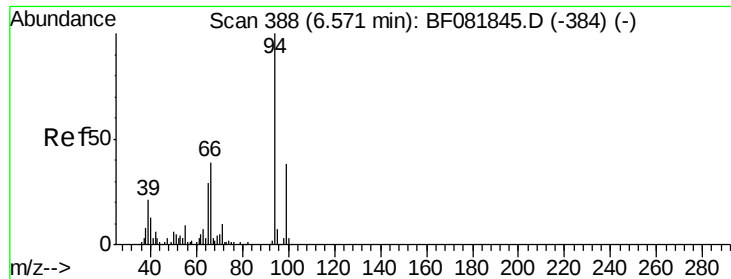


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.14 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.09 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

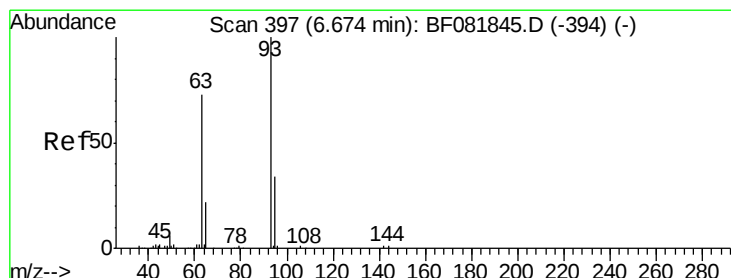
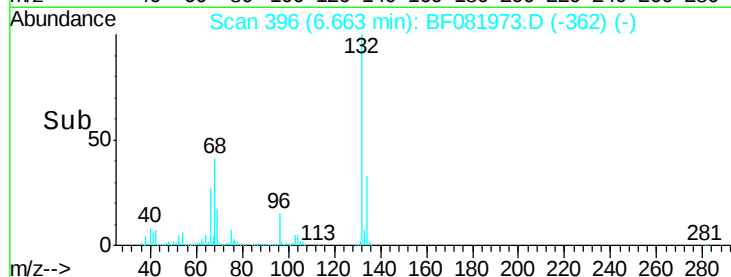
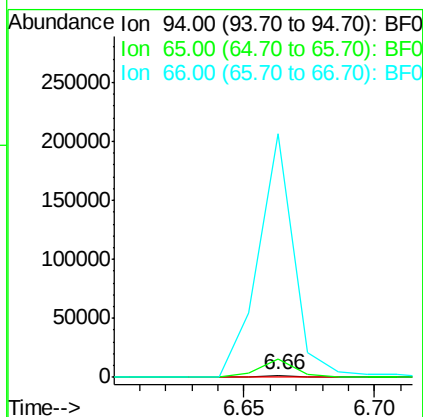
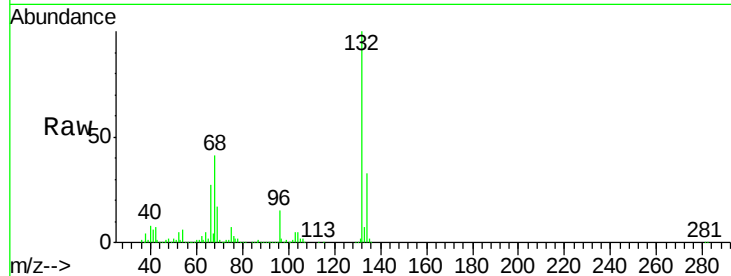
Tot Ion: 94 Resp: 1219

Ion Ratio Lower Upper

94 100

65 1104.9 0.7 40.7#

66 14357.7 0.8 40.8#



#11

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

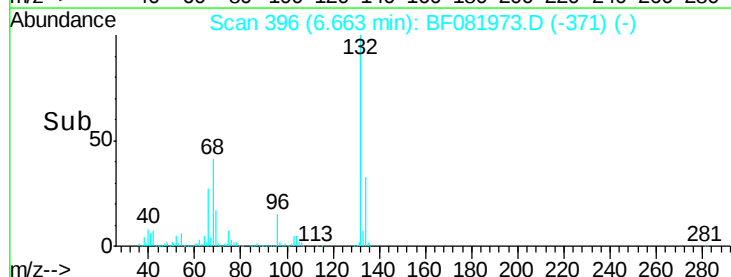
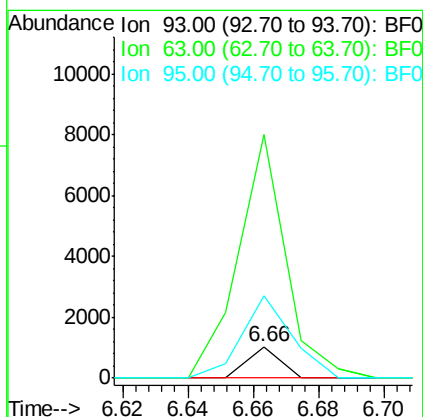
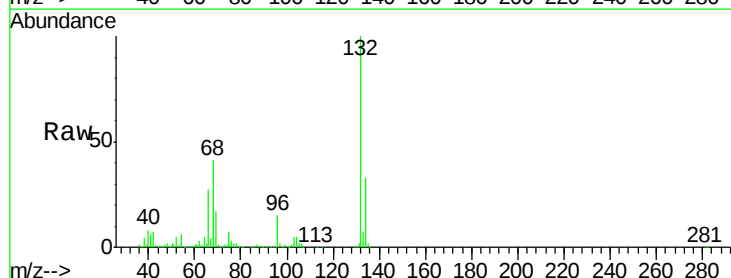
Tgt Ion: 93 Resp: 706

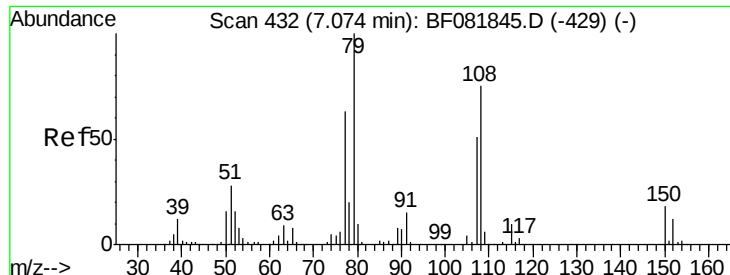
Ion Ratio Lower Upper

93 100

63 777.7 65.6 105.6#

95 262.8 13.6 53.6#





#15

Benzyl Alcohol

Concen: 1.66 ng

RT: 7.05 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

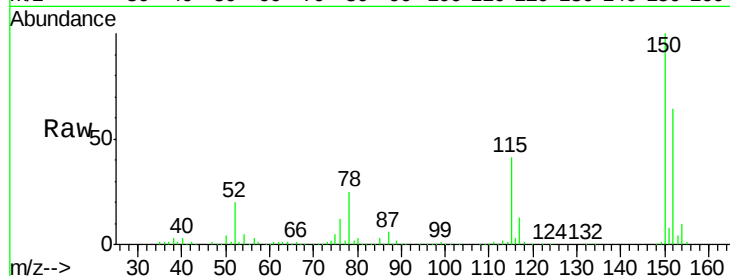
Tot Ion: 79 Resp: 9234

Ion Ratio Lower Upper

79 100

108 28.1 88.6 132.8#

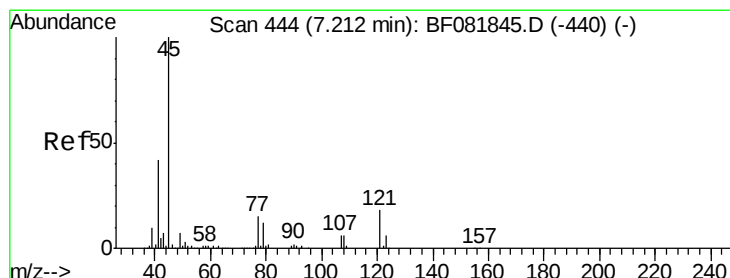
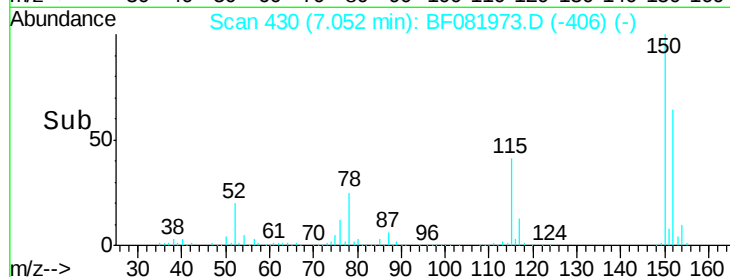
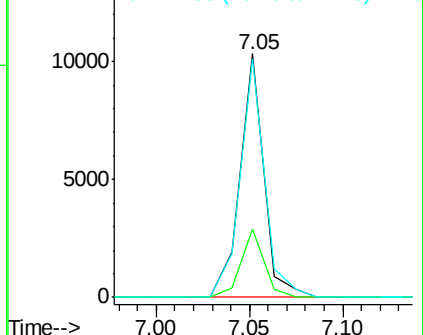
77 98.0 47.0 70.4#



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: 0.10 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.18 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

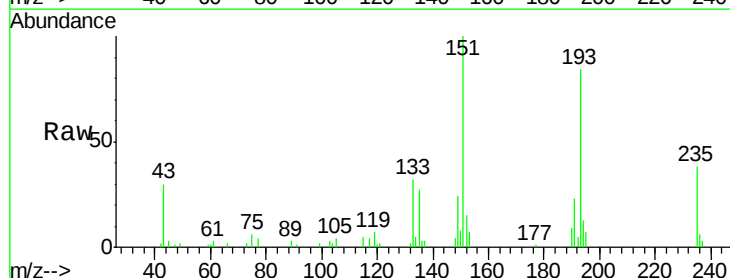
Tgt Ion: 45 Resp: 933

Ion Ratio Lower Upper

45 100

77 104.7 0.0 28.1#

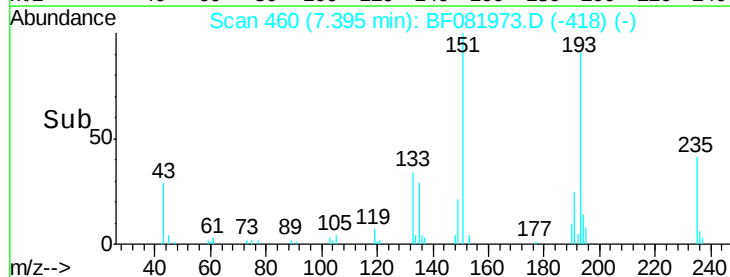
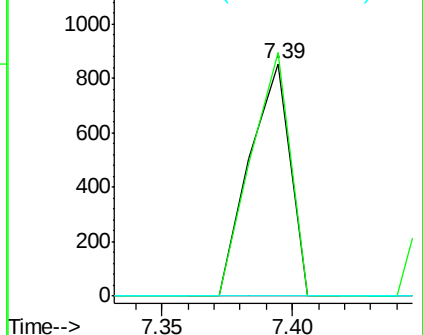
79 0.0 0.0 26.0

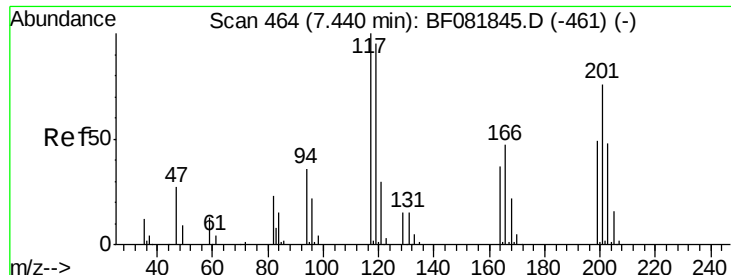


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#18

Hexachloroethane

Concen: 0.27 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.05 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

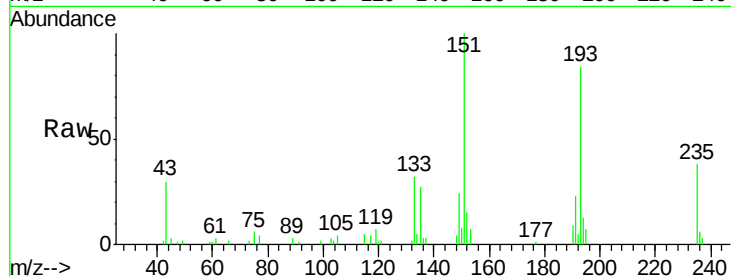
Tot Ion:117 Resp: 712

Ion Ratio Lower Upper

117 100

119 160.8 83.8 125.6#

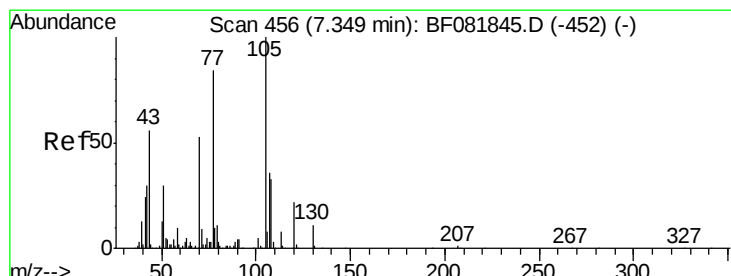
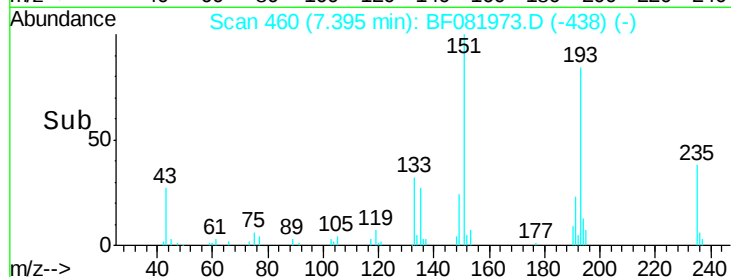
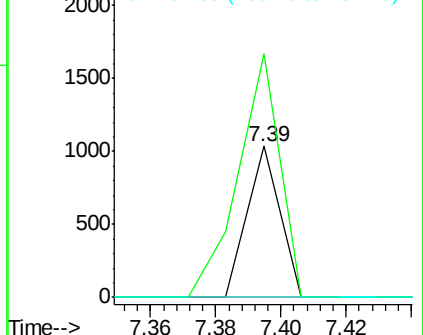
201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 16.56 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Tgt Ion: 70 Resp: 77444

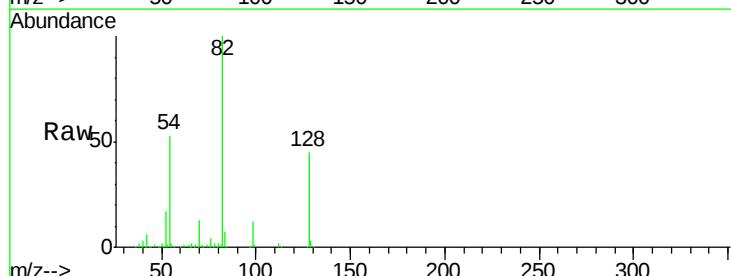
Ion Ratio Lower Upper

70 100

42 45.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

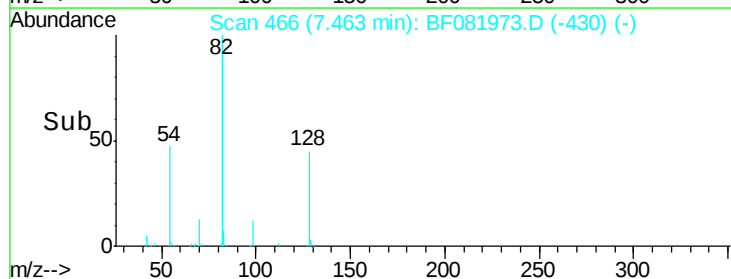
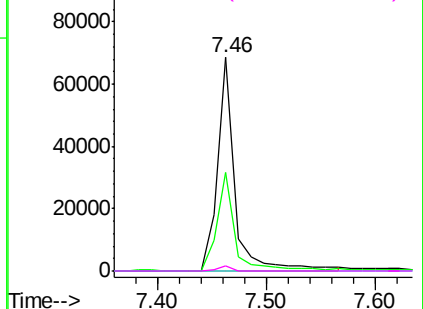


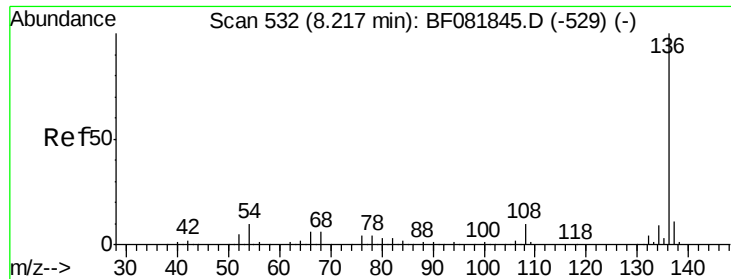
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

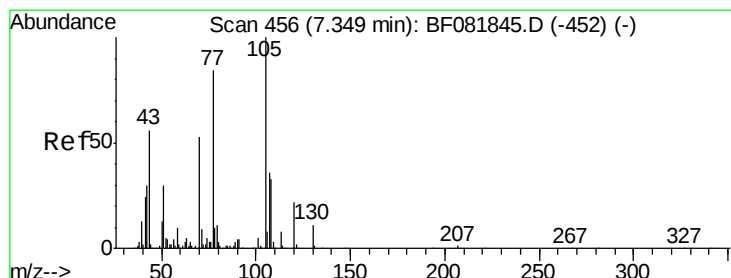
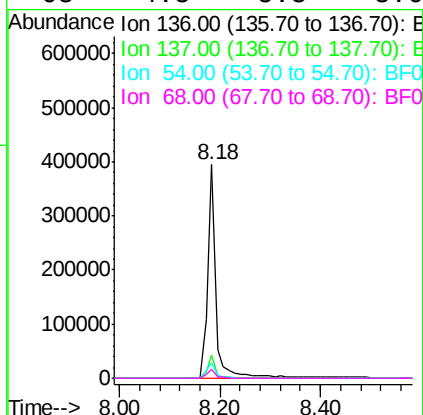
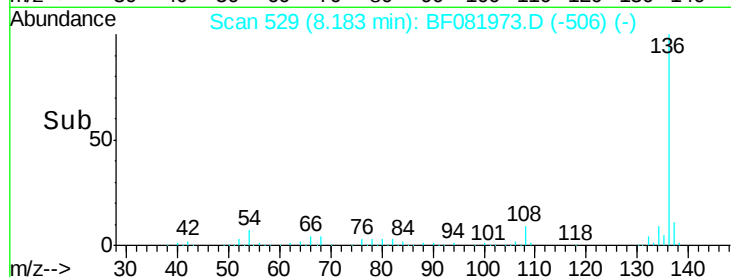
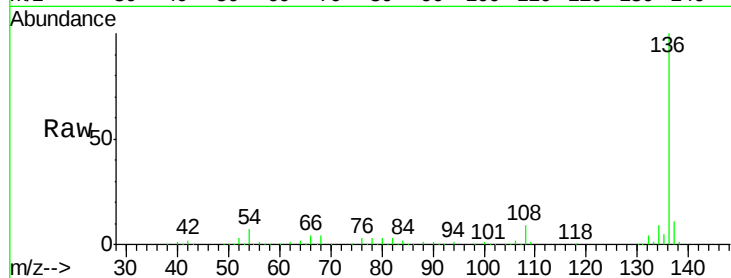




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081973.D
Acq: 2 Oct 2015 8:21

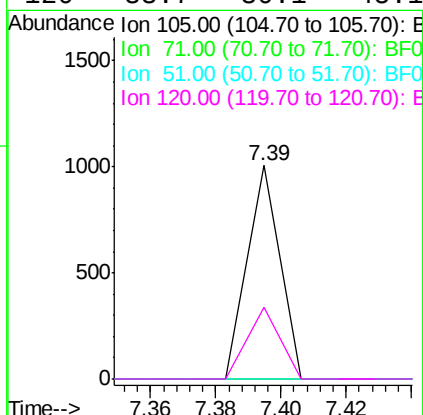
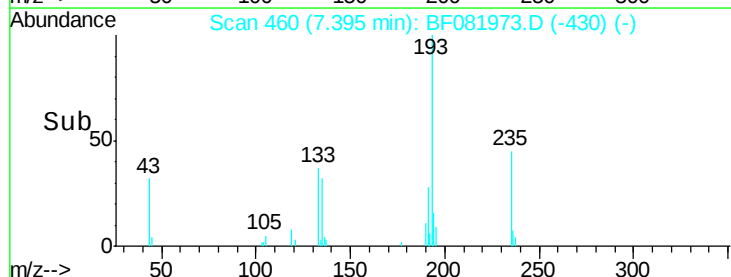
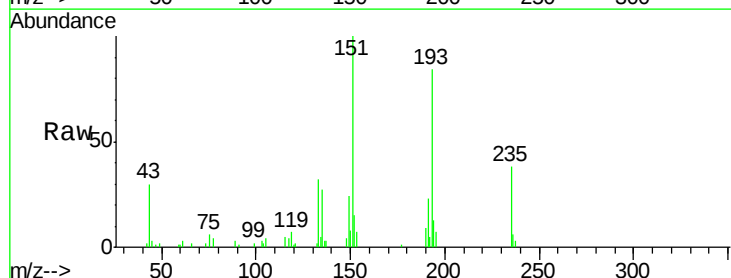
Instrument :
BNA_F
ClientSampleId :
A7-COMP

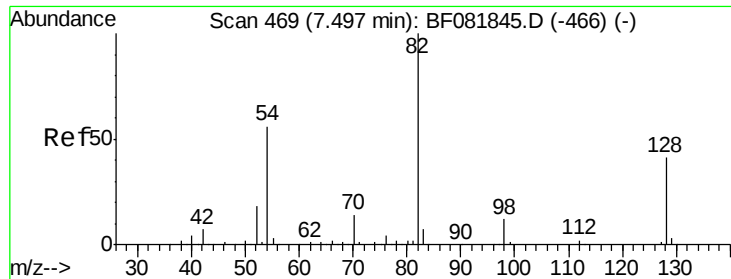
Tot Ion:	136	Resp:	454709
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.0	8.2	12.2#
68	4.5	5.8	8.6#



#22
Acetophenone
Concen: 0.07 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.05 min
Lab File: BF081973.D
Acq: 2 Oct 2015 8:21

Tgt Ion:	105	Resp:	691
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.7	7.1#
51	0.0	22.0	33.0#
120	33.7	30.1	45.1

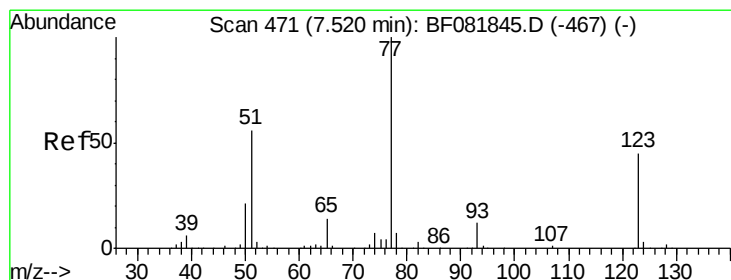
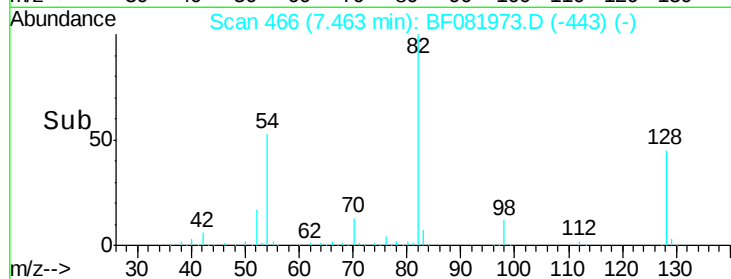
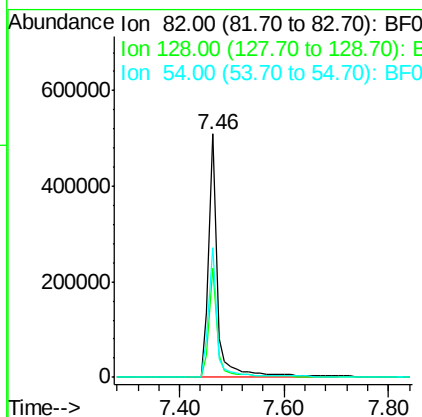
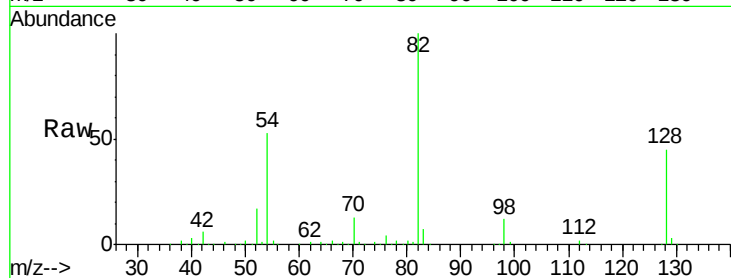




#23
 Nitrobenzene-d5
 Concen: 90.12 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

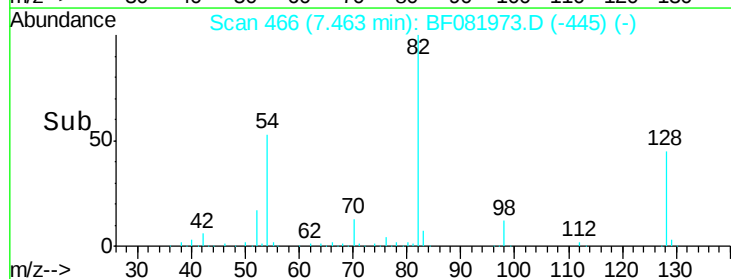
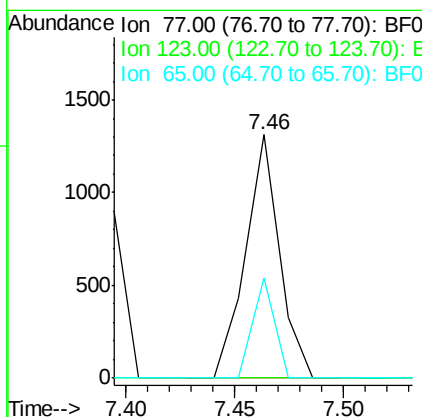
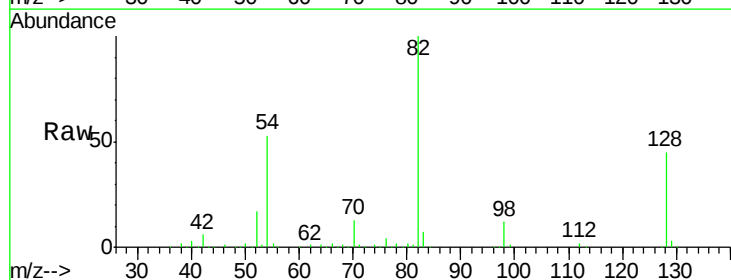
Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

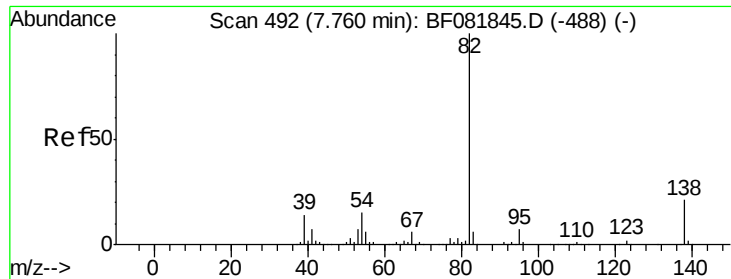
Tot Ion: 82 Resp: 614756
 Ion Ratio Lower Upper
 82 100
 128 44.6 51.0 76.6#
 54 53.0 47.5 71.3



#24
 Nitrobenzene
 Concen: 0.19 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Tgt Ion: 77 Resp: 1421
 Ion Ratio Lower Upper
 77 100
 123 0.0 59.8 89.8#
 65 41.0 10.2 15.4#





#25

Isophorone

Concen: 38.49 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

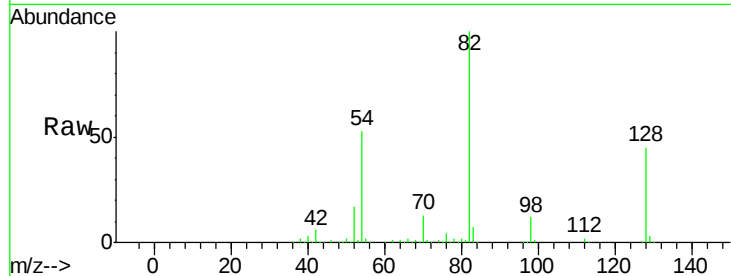
Tot Ion: 82 Resp: 520349

Ion Ratio Lower Upper

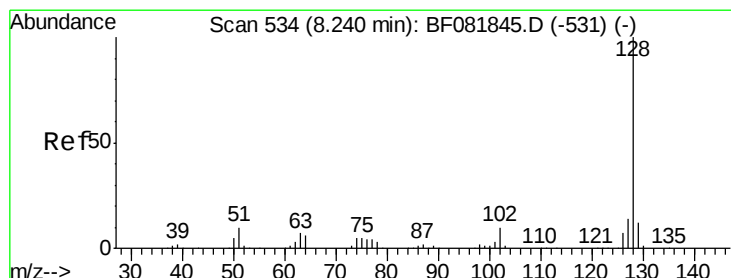
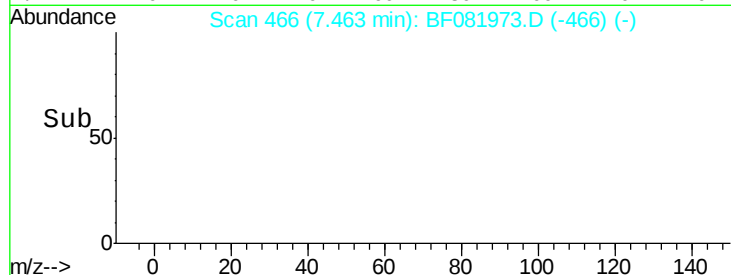
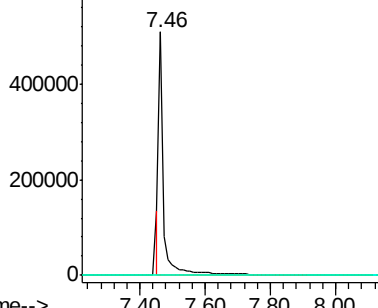
82 100

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



#31

Naphthalene

Concen: 0.02 ng

RT: 8.31 min Scan# 540

Delta R.T. 0.07 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

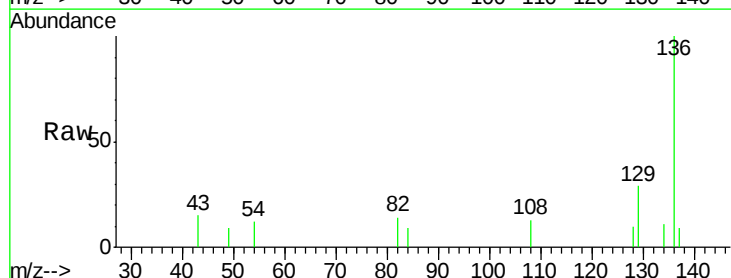
Tgt Ion: 128 Resp: 449

Ion Ratio Lower Upper

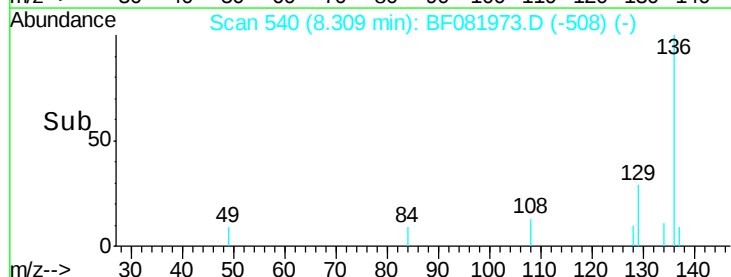
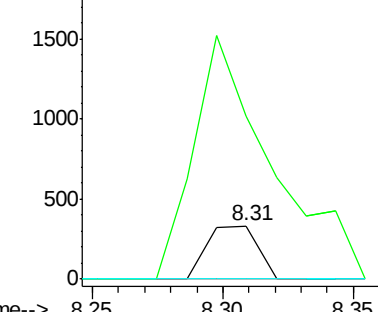
128 100

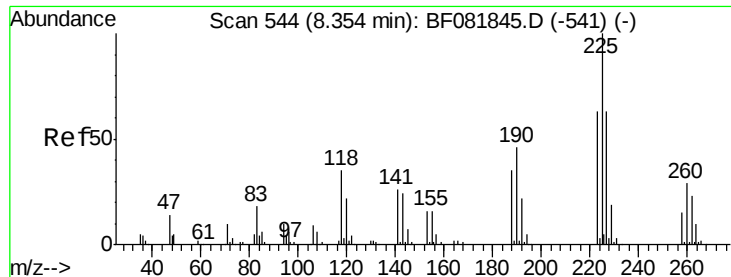
129 308.2 8.4 12.6#

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





#34

Hexachlorobutadiene

Concen: 0.08 ng

RT: 8.46 min Scan# 553

Delta R.T. 0.10 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

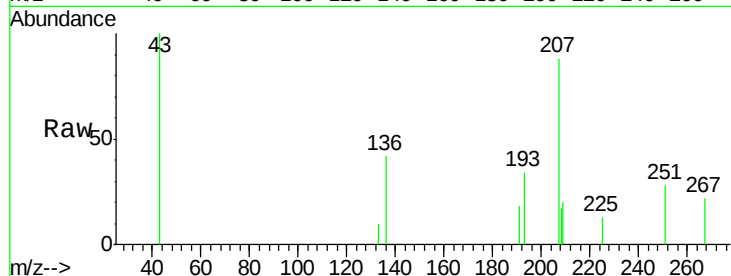
Tot Ion:225 Resp: 309

Ion Ratio Lower Upper

225 100

223 0.0 50.2 75.2#

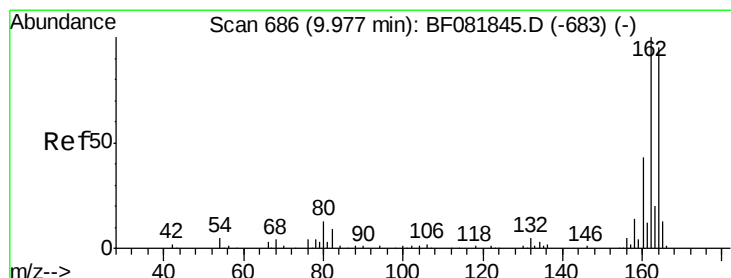
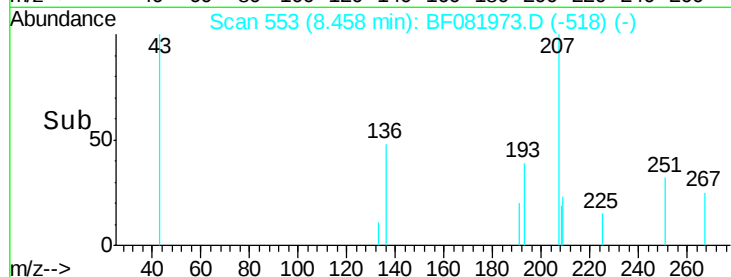
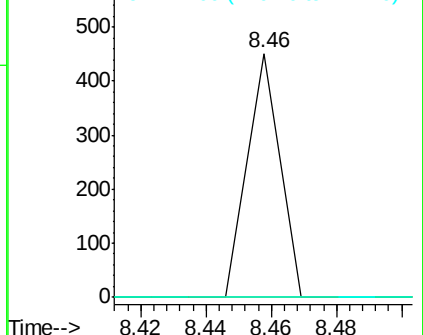
227 0.0 52.2 78.2#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

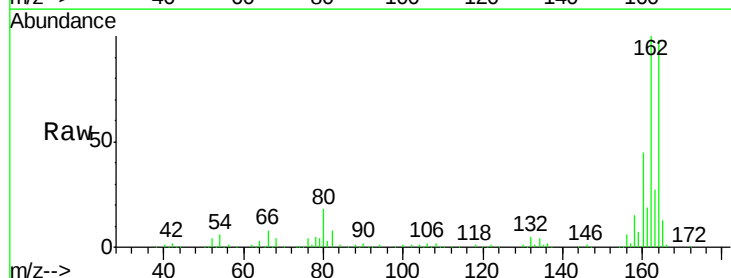
Tgt Ion:164 Resp: 210550

Ion Ratio Lower Upper

164 100

162 102.5 75.2 112.8

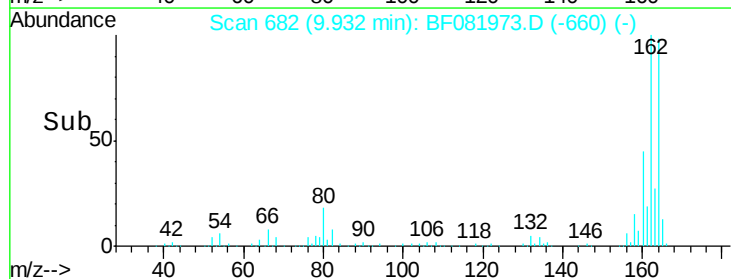
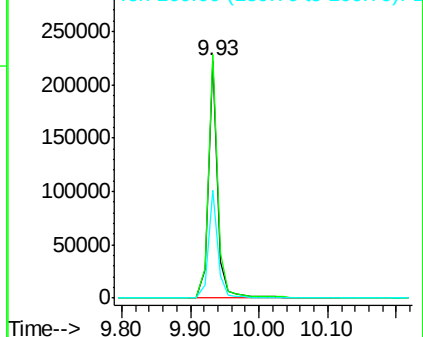
160 45.7 31.5 47.3

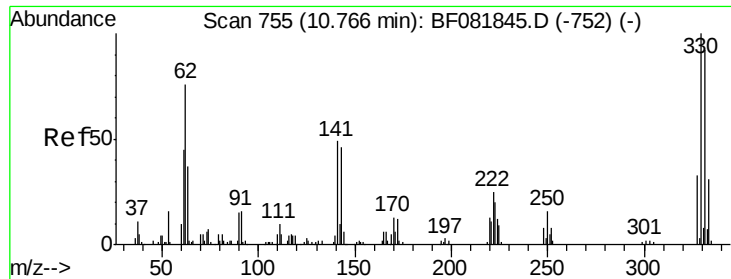


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

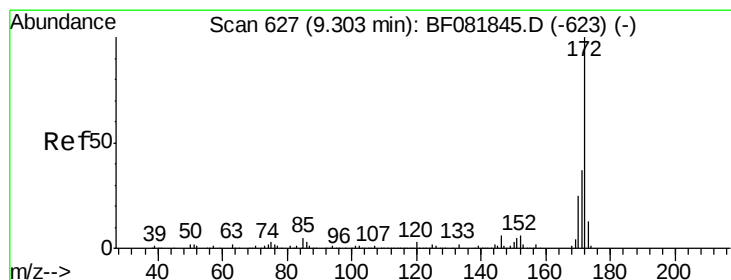
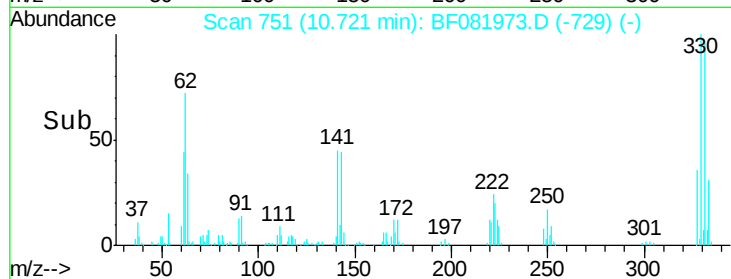
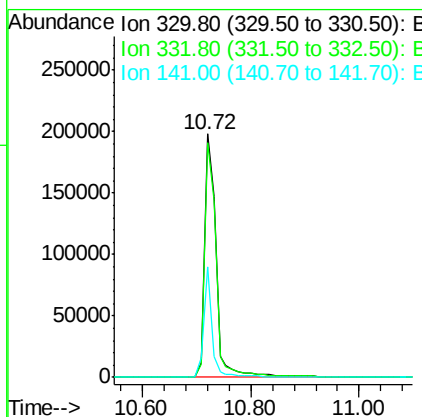
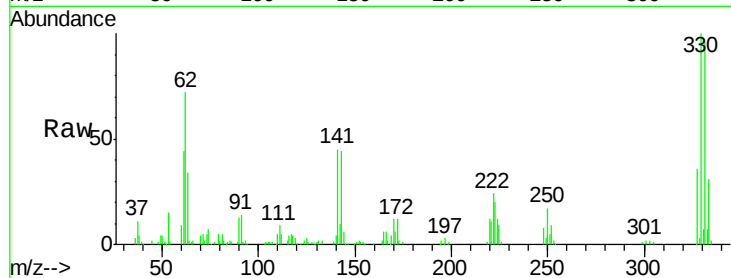




#41
 2,4,6-Tribromophenol
 Concen: 135.37 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

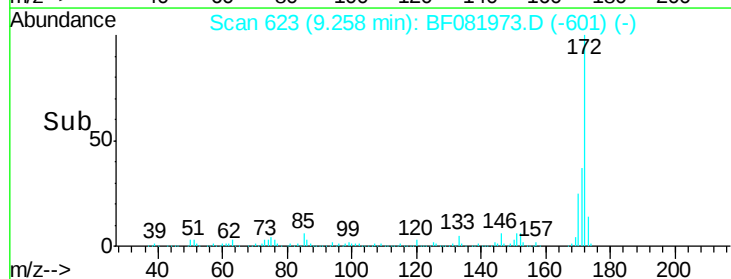
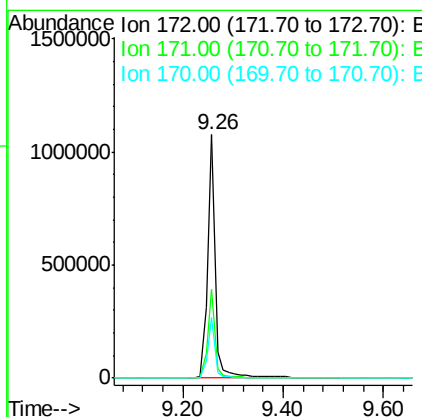
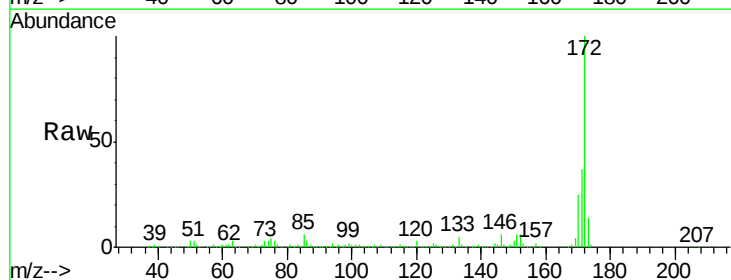
Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

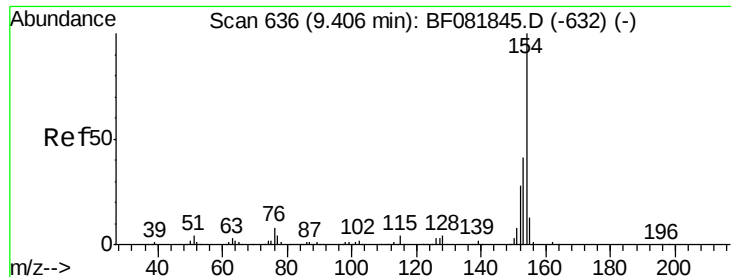
Tot Ion:330 Resp: 288650
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 33.8 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 94.19 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Tgt Ion:172 Resp: 1160368
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.8 17.4 26.2

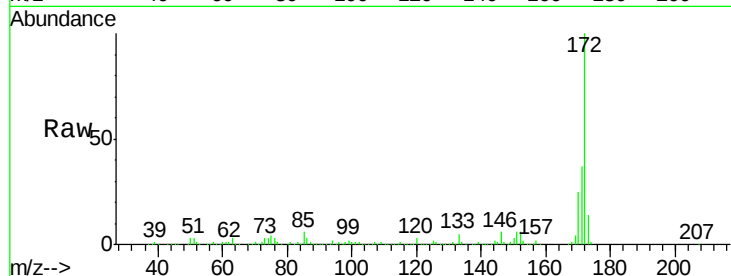




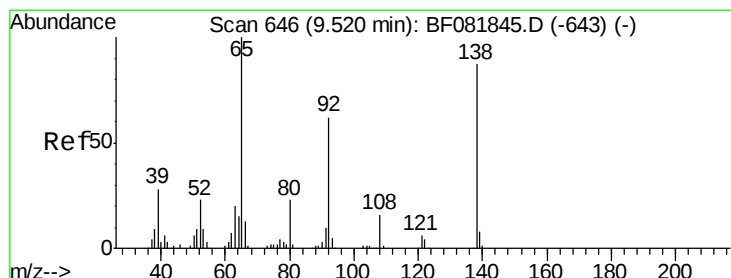
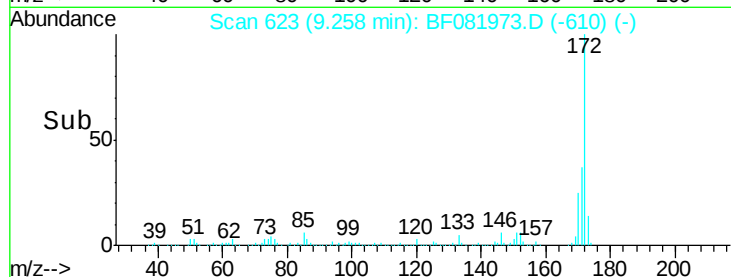
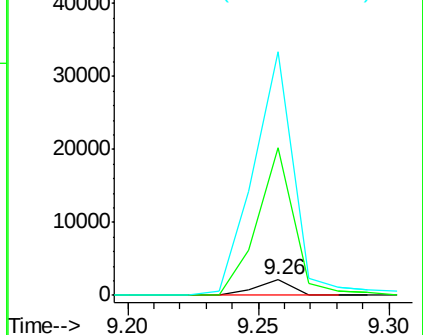
#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.15 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

Tot Ion:154 Resp: 1949
 Ion Ratio Lower Upper
 154 100
 153 955.4 17.1 57.1#
 76 1577.7 0.0 31.6#

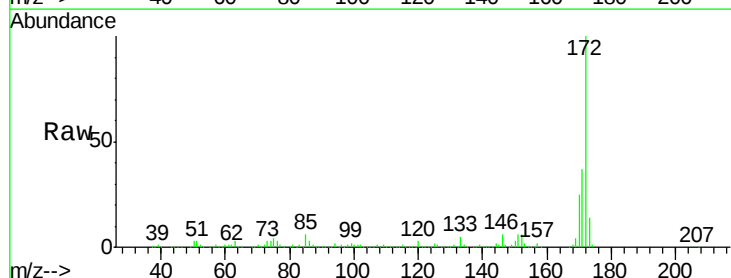


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

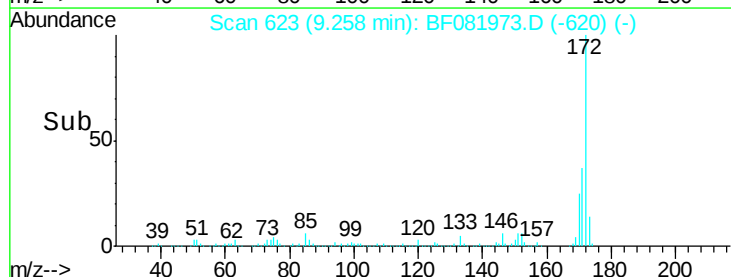
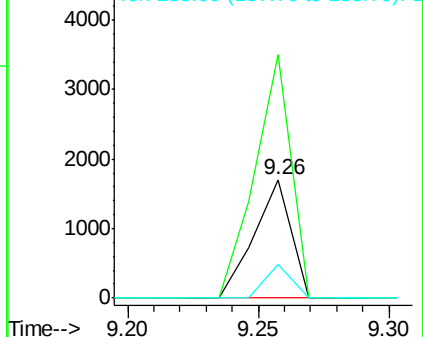


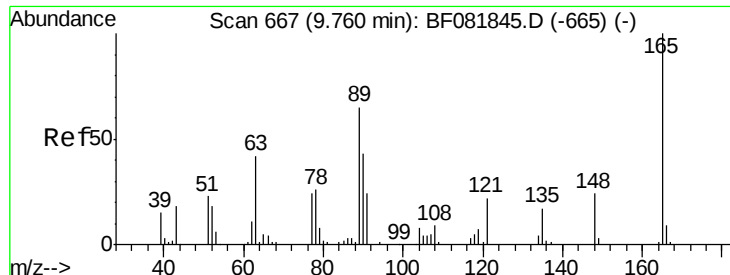
#47
 2-Nitroaniline
 Concen: 0.45 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.26 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Tgt Ion: 65 Resp: 1668
 Ion Ratio Lower Upper
 65 100
 92 205.4 55.4 83.0#
 138 28.8 115.5 173.3#



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

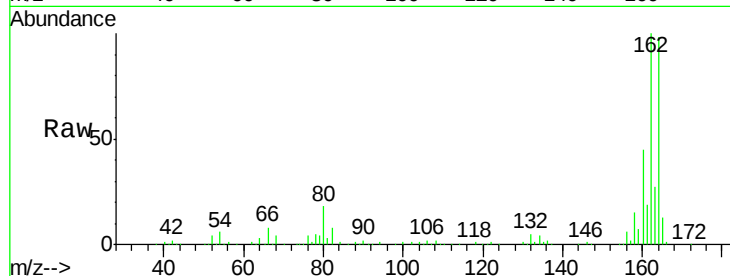




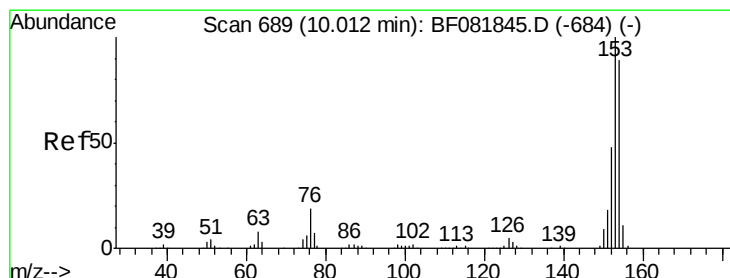
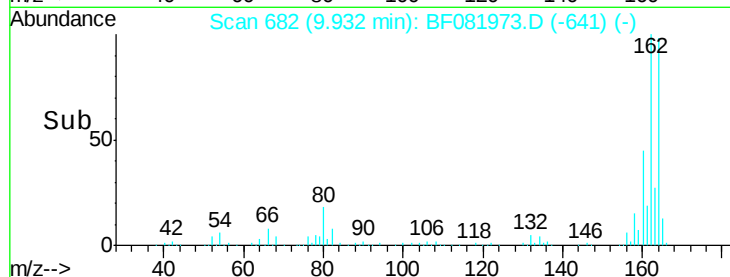
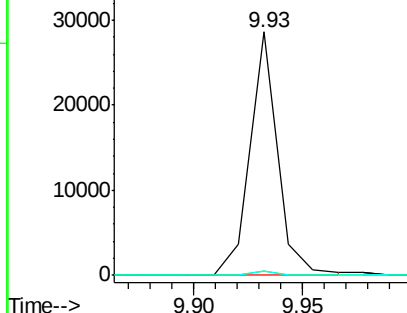
#50
 2,6-Dinitrotoluene
 Concen: 8.06 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	32.3	48.5#
89	1.5	28.6	43.0#

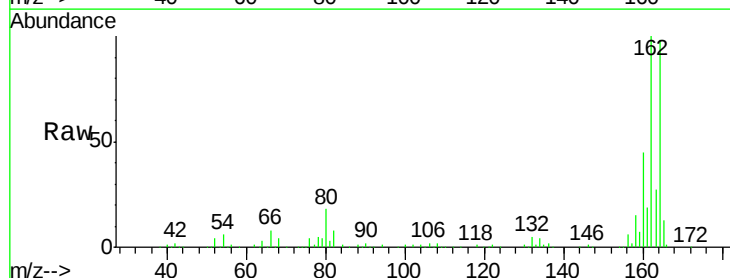


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

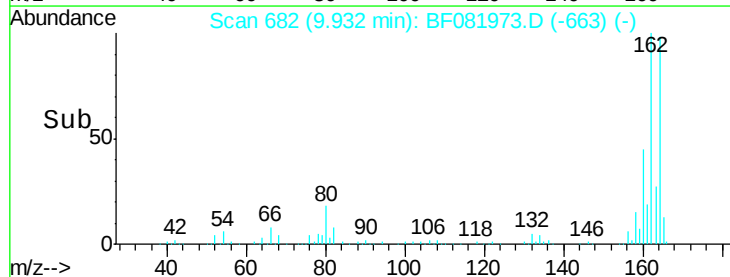
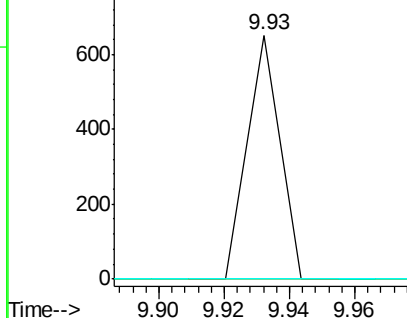


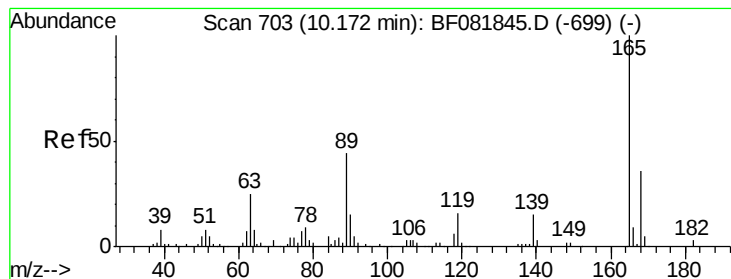
#51
 Acenaphthene
 Concen: 0.04 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.08 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Tgt 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: 6.38 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

Tot Ion:165 Resp: 25663

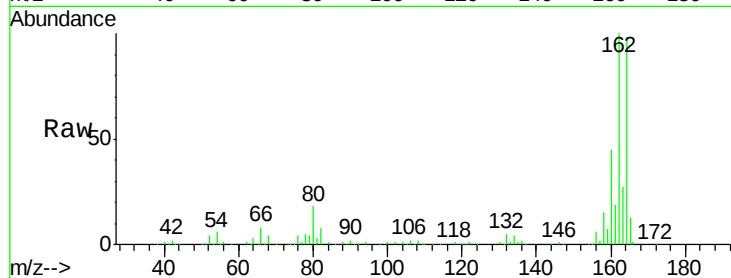
Ion Ratio Lower Upper

165 100

63 1.7 29.8 44.6#

89 1.5 44.5 66.7#

182 0.0 3.0 4.4#

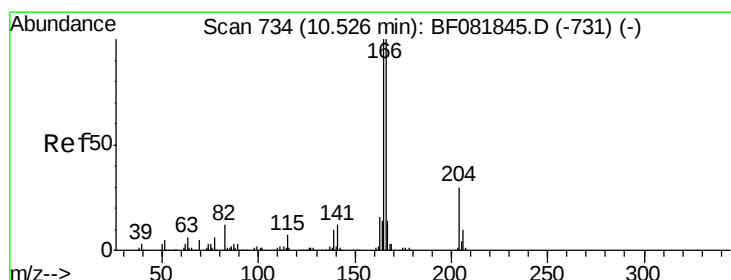
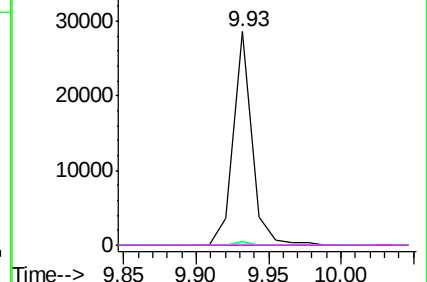
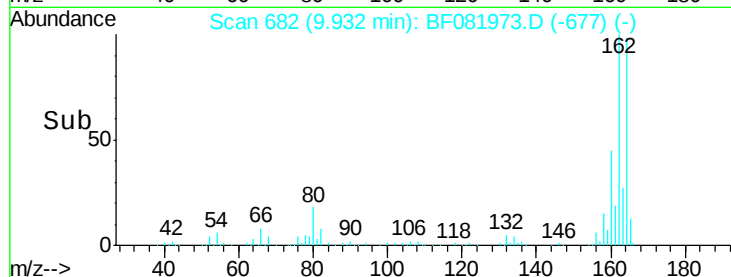


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081973.D

Acq: 2 Oct 2015 8:21

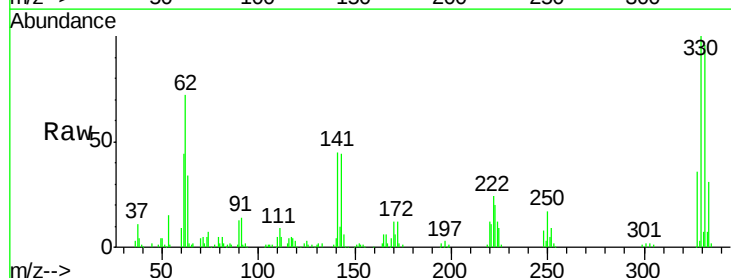
Tgt Ion:166 Resp: 11320

Ion Ratio Lower Upper

166 100

165 101.6 72.6 109.0

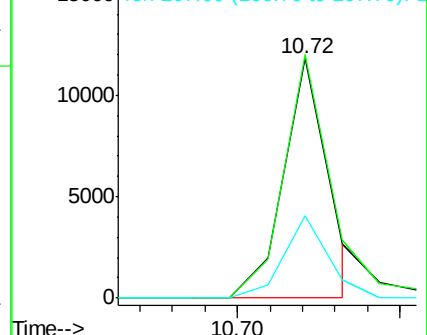
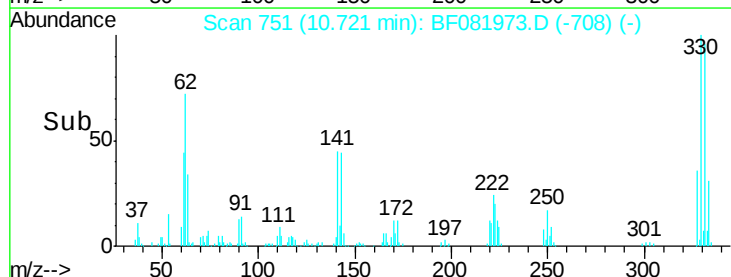
167 34.4 10.6 16.0#

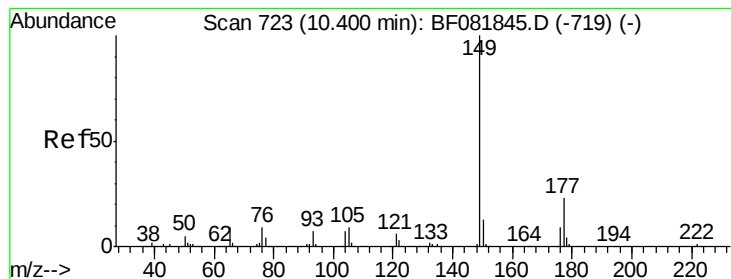


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.13 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

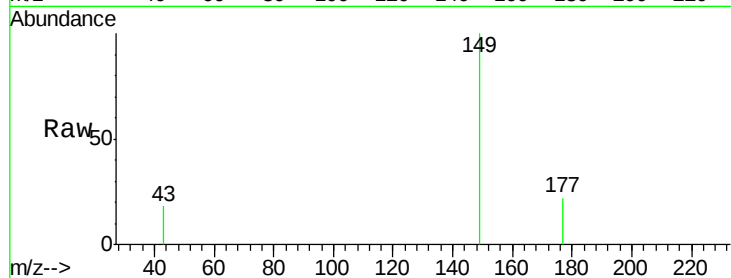
Tot Ion:149 Resp: 1741

Ion Ratio Lower Upper

149 100

177 21.5 17.5 26.3

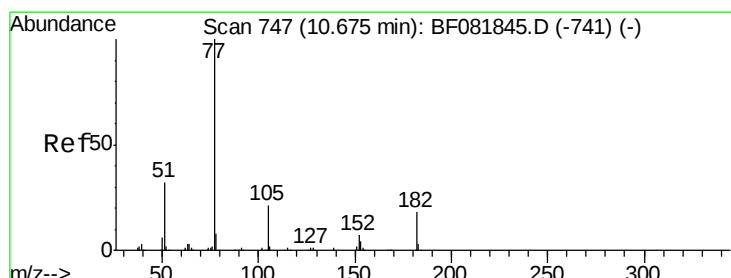
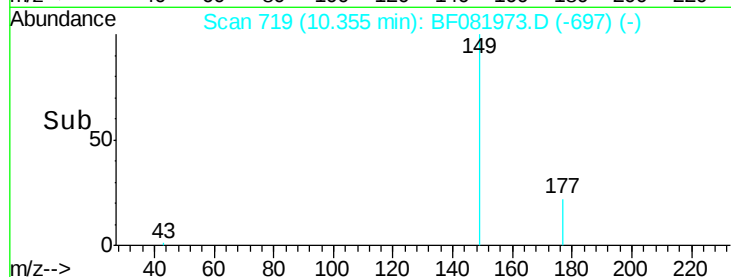
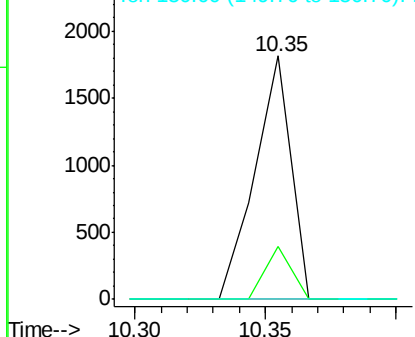
150 0.0 9.4 14.2#



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: BF081973.D

Acq: 2 Oct 2015 8:21

Tgt Ion: 77 Resp: 1101

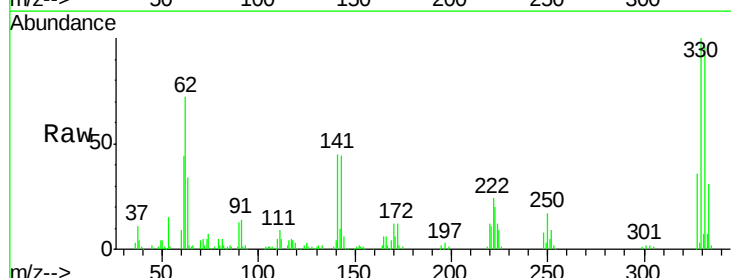
Ion Ratio Lower Upper

77 100

182 0.0 15.1 55.1#

105 96.2 3.4 43.4#

51 97.3 12.0 52.0#

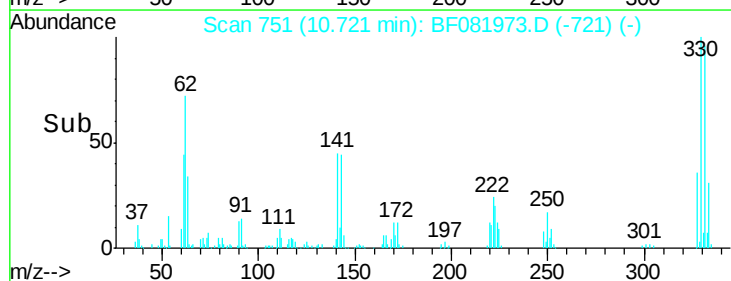
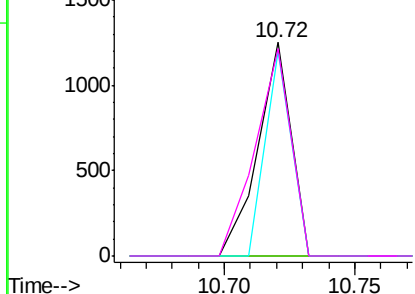


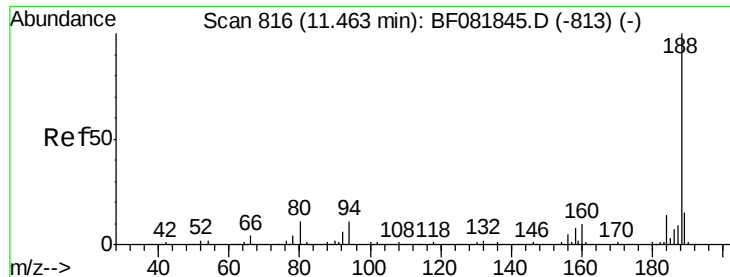
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

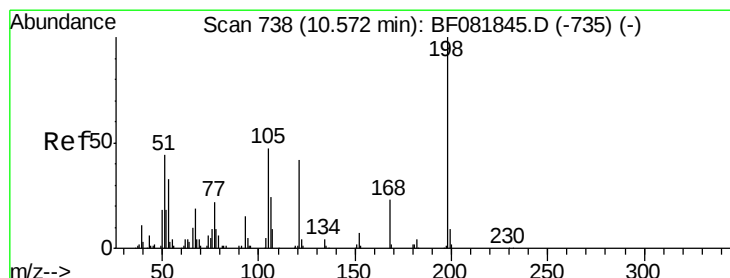
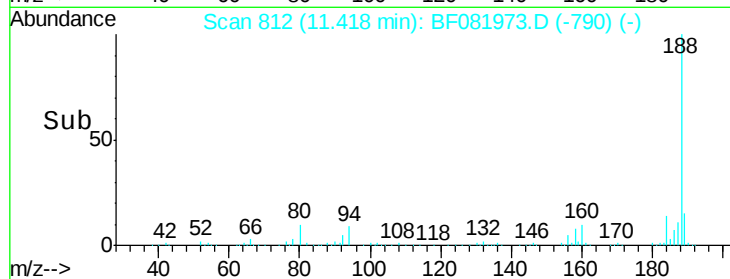
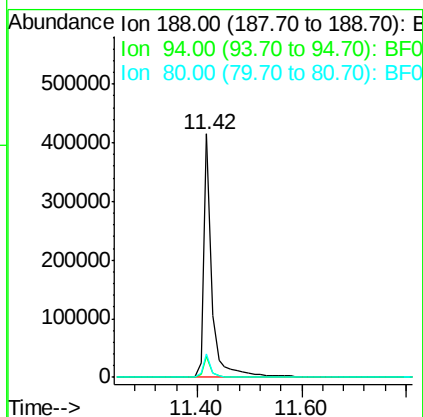
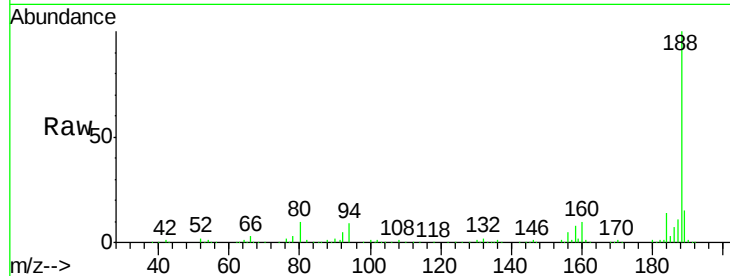




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

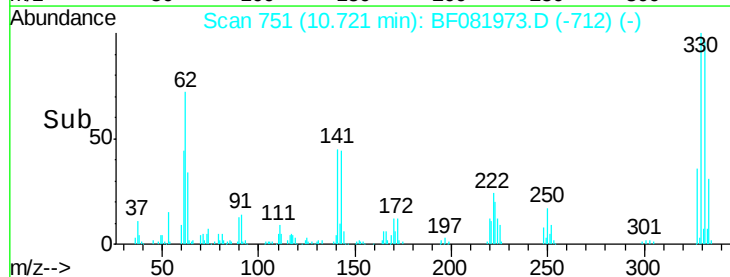
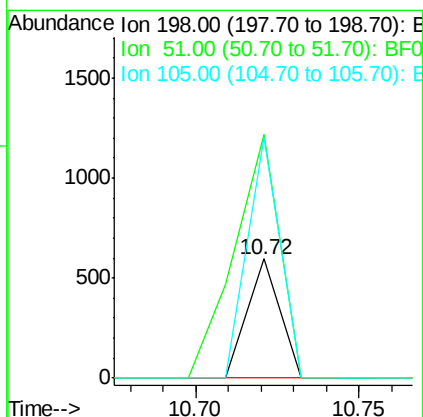
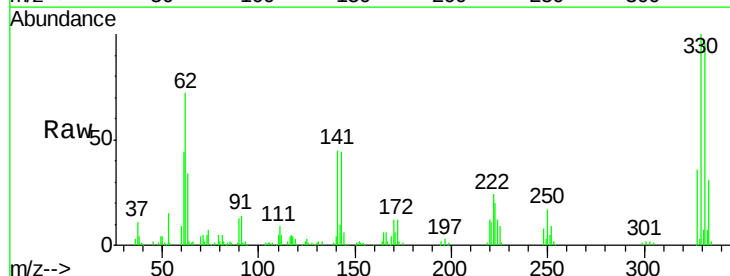
Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

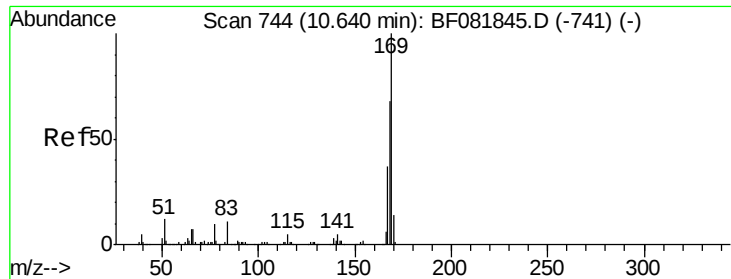
Tot Ion:188 Resp: 456795
 Ion Ratio Lower Upper
 188 100
 94 8.8 11.1 16.7#
 80 9.7 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.40 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.15 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Tgt Ion:198 Resp: 409
 Ion Ratio Lower Upper
 198 100
 51 204.0 39.6 79.6#
 105 201.7 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: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

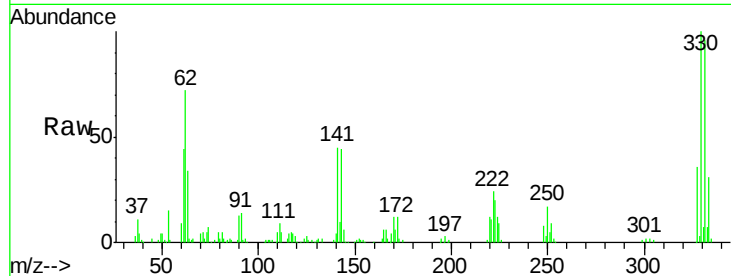
Tot Ion:169 Resp: 8571

Ion Ratio Lower Upper

169 100

168 6.6 48.9 73.3#

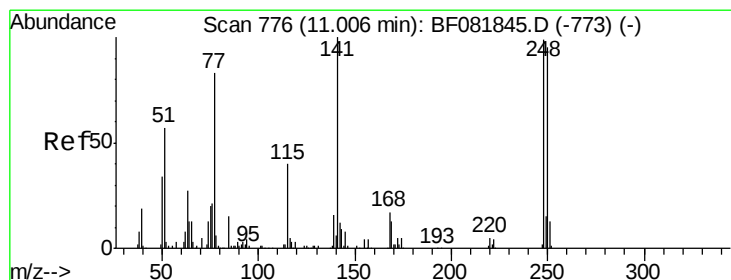
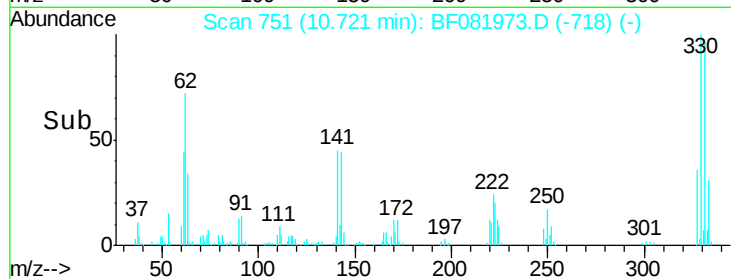
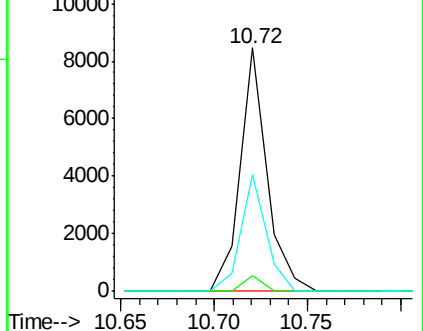
167 48.0 26.2 39.4#



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: 3.92 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

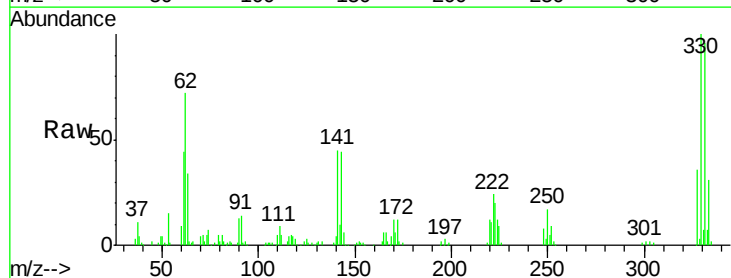
Tgt Ion:248 Resp: 18048

Ion Ratio Lower Upper

248 100

250 207.1 78.5 117.7#

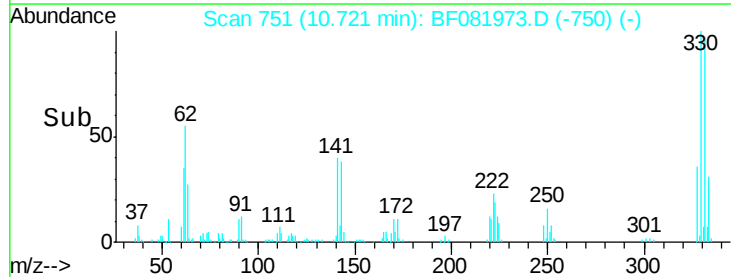
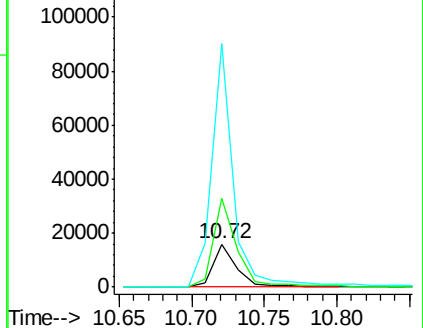
141 569.3 59.0 88.6#

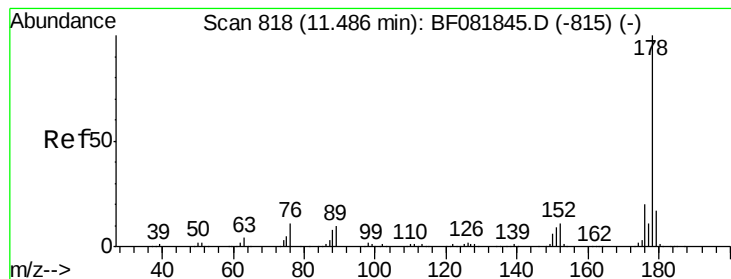


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

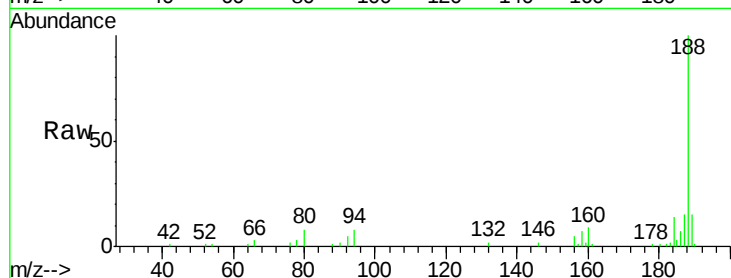
Tot Ion:178 Resp: 267

Ion Ratio Lower Upper

178 100

176 0.0 13.8 20.8#

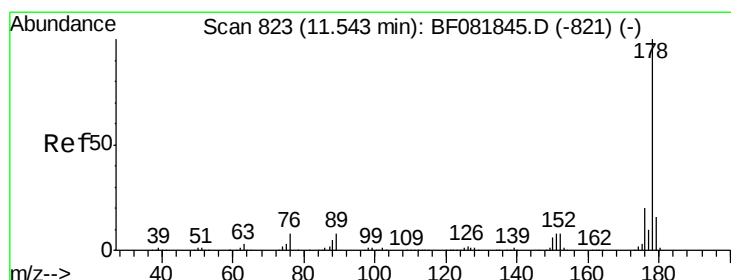
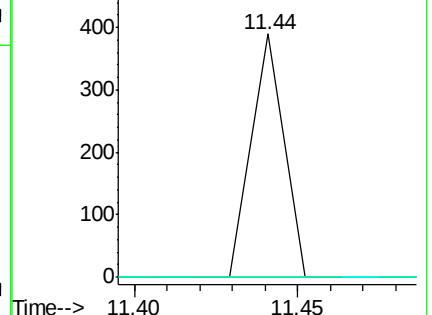
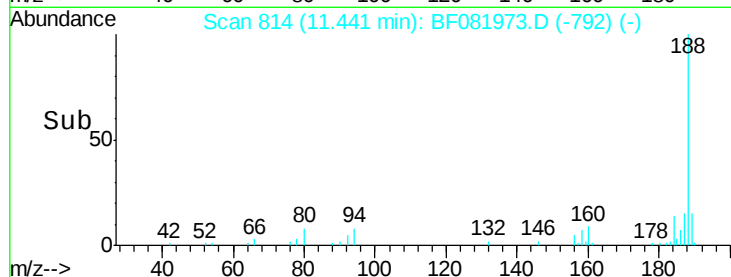
179 0.0 12.2 18.2#



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: 0.01 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.10 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

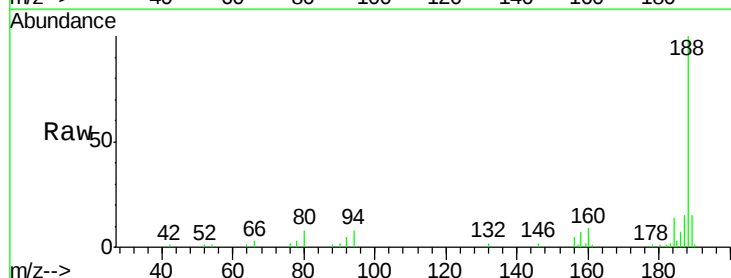
Tgt Ion:178 Resp: 267

Ion Ratio Lower Upper

178 100

176 0.0 14.1 21.1#

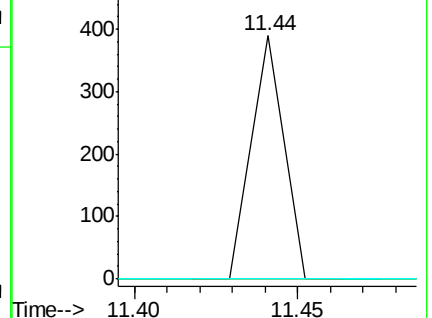
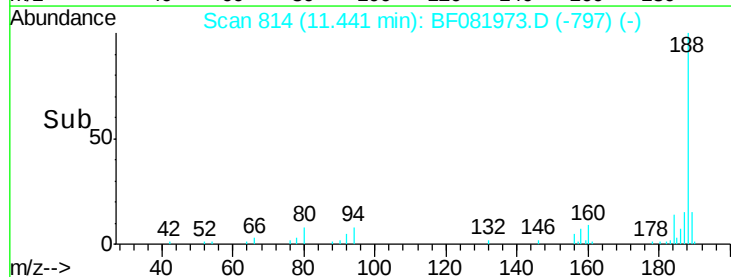
179 0.0 12.2 18.2#

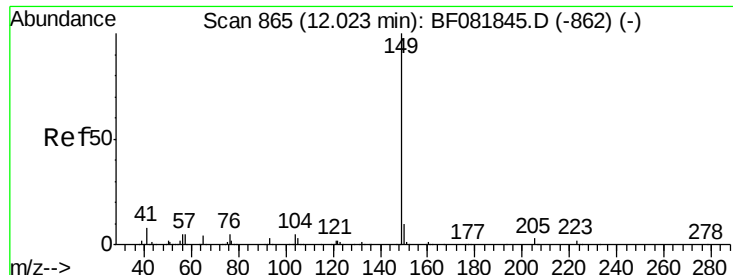


Abundance Ion 178.00 (177.70 to 178.70): E

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: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

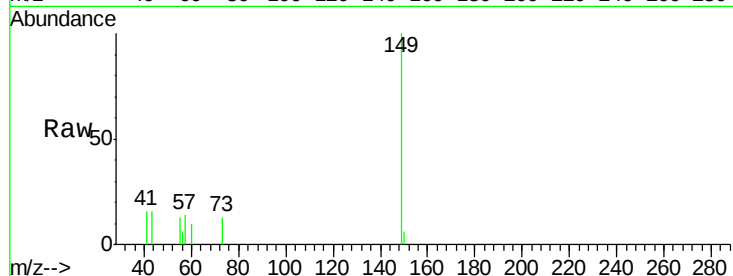
Tot Ion:149 Resp: 4459

Ion Ratio Lower Upper

149 100

150 6.4 7.4 11.2#

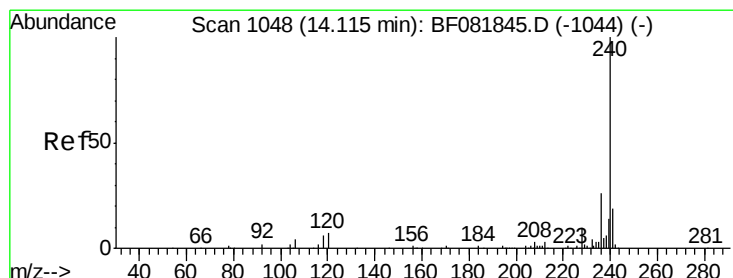
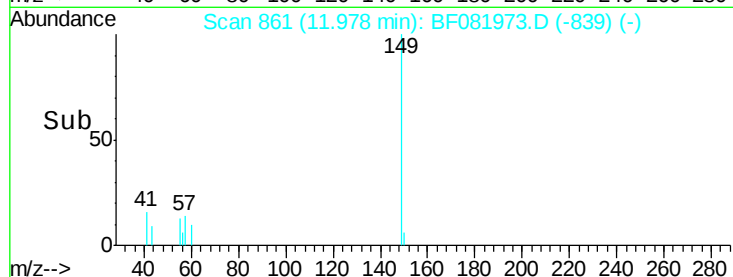
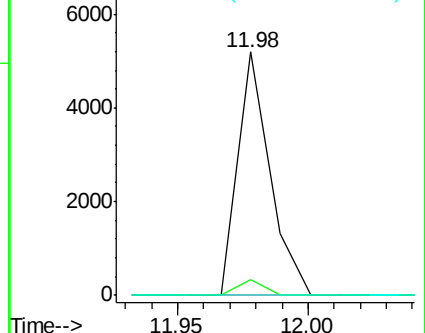
104 0.0 2.4 3.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

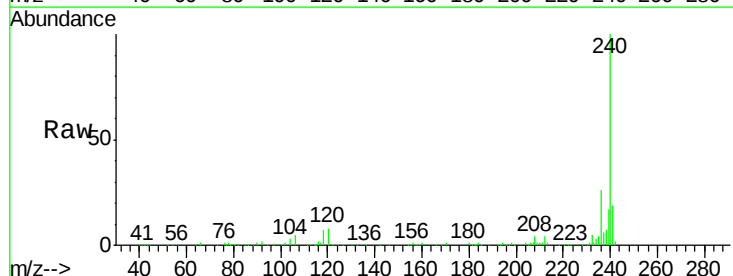
Tgt Ion:240 Resp: 375634

Ion Ratio Lower Upper

240 100

120 8.2 16.2 24.2#

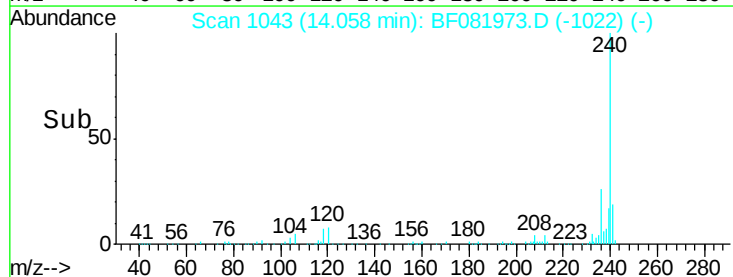
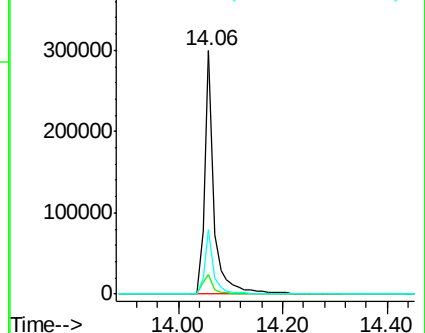
236 26.3 18.4 27.6

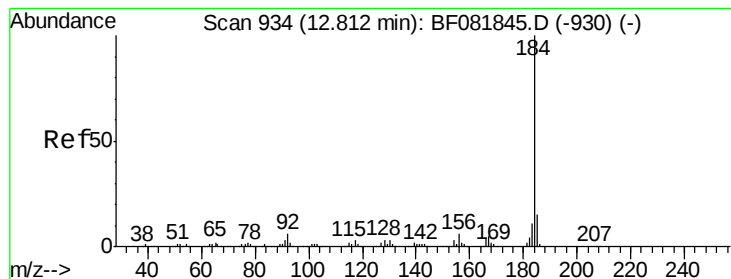


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.39 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.19 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

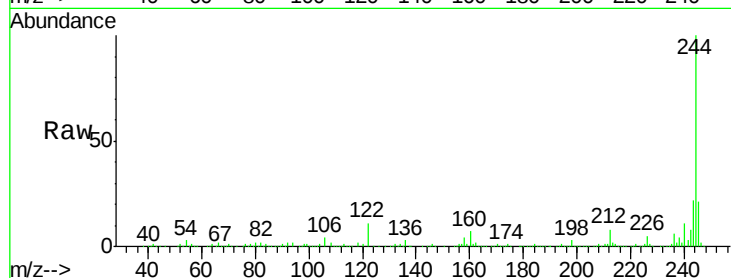
Tot Ion:184 Resp: 15765

Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.6

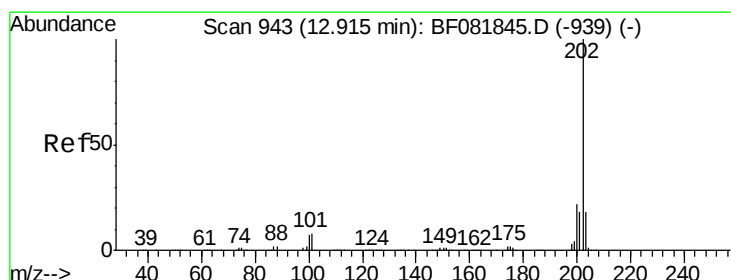
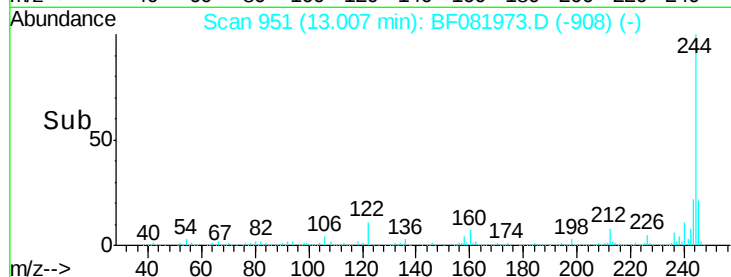
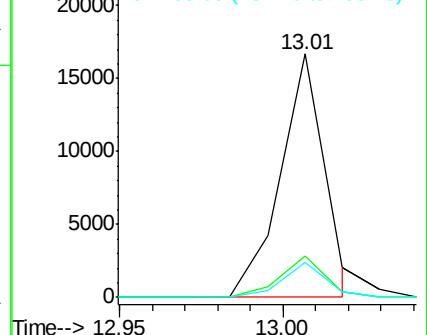
183 14.2 7.6 11.4#



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

Pyrene

Concen: 0.16 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.09 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

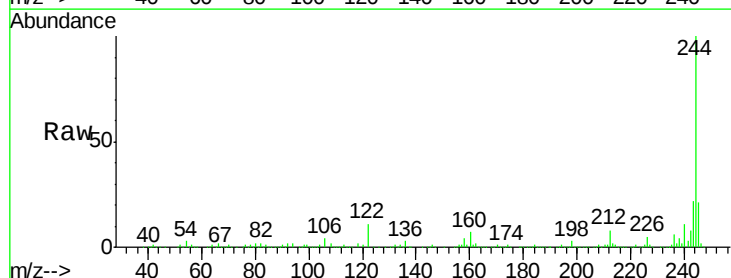
Tgt Ion:202 Resp: 3681

Ion Ratio Lower Upper

202 100

200 56.1 15.0 22.4#

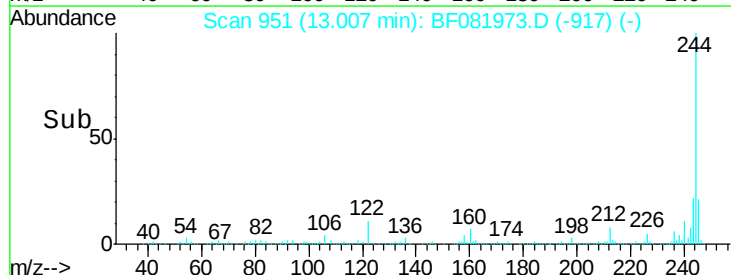
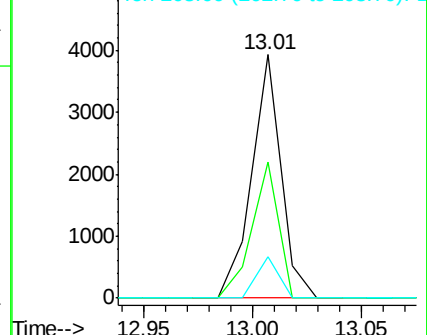
203 16.8 14.1 21.1

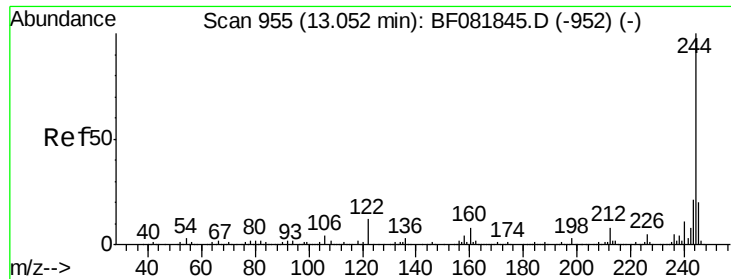


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

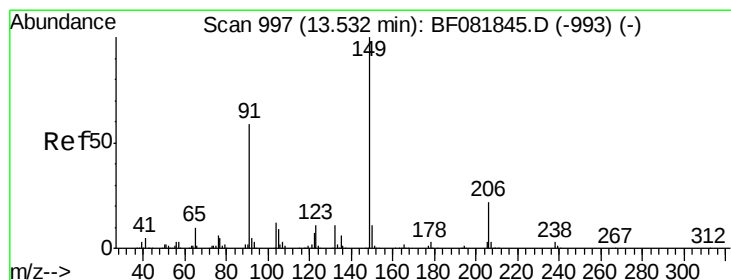
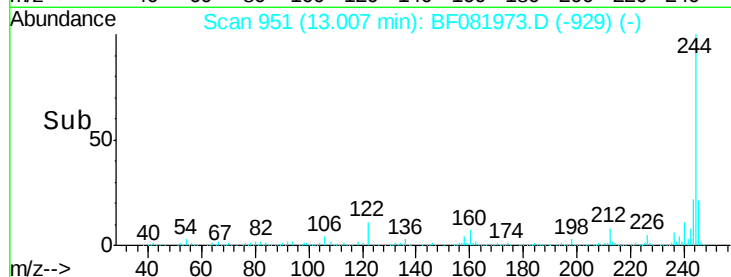
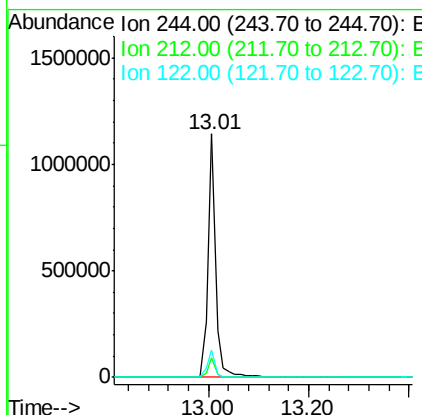
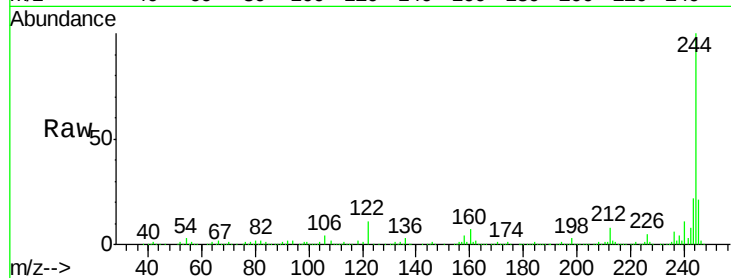




#78
 Terphenyl-d14
 Concen: 116.20 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

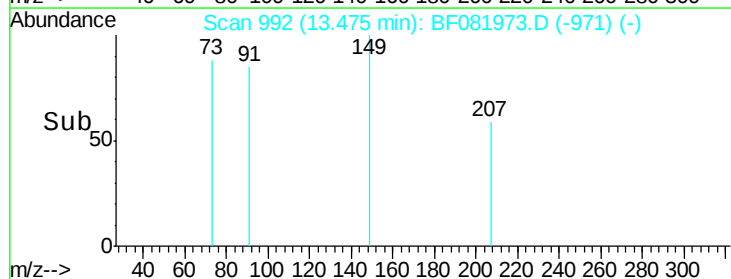
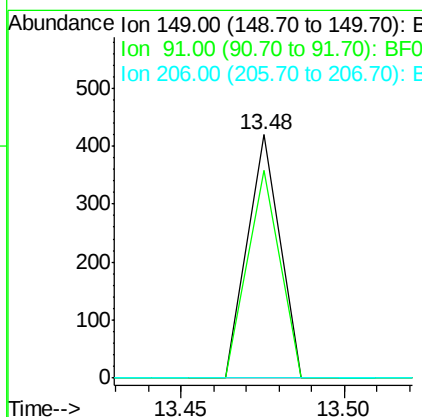
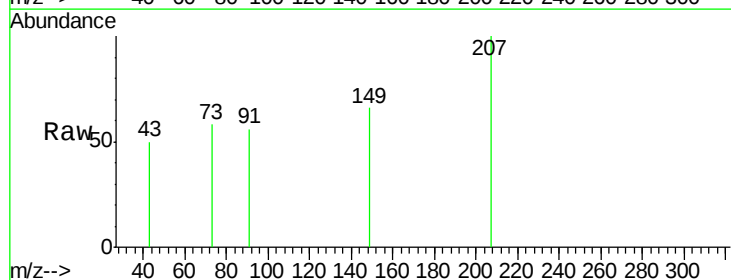
Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

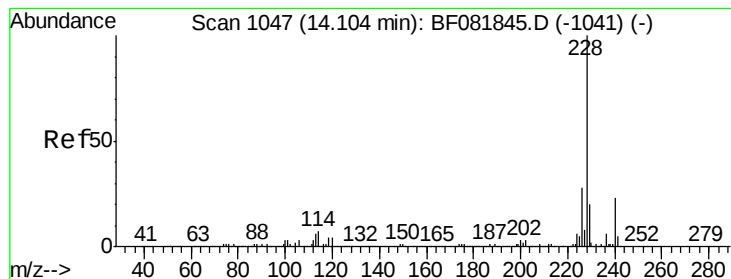
Tot Ion:244 Resp: 1217847
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 11.1 17.4 26.2#



#79
 Butylbenzylphthalate
 Concen: 0.03 ng
 RT: 13.48 min Scan# 992
 Delta R.T. -0.06 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Tgt Ion:149 Resp: 288
 Ion Ratio Lower Upper
 149 100
 91 85.2 48.6 72.8#
 206 0.0 14.9 22.3#





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

Instrument :

BNA_F

ClientSampleId :

A7-COMP

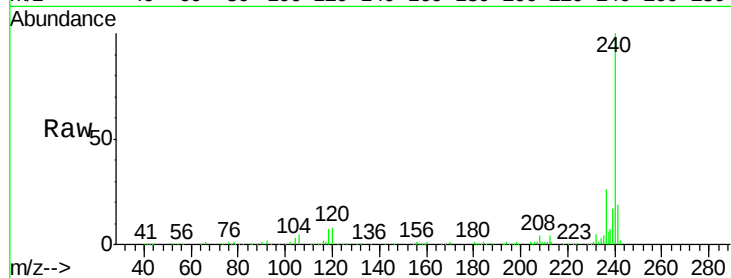
Tot Ion:228 Resp: 1171

Ion Ratio Lower Upper

228 100

226 0.0 20.0 30.0#

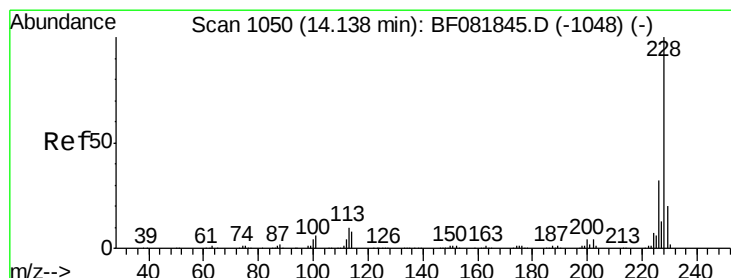
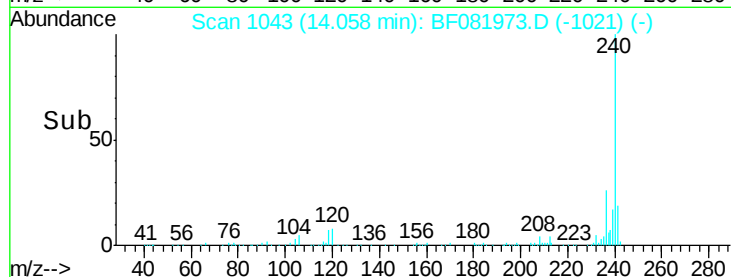
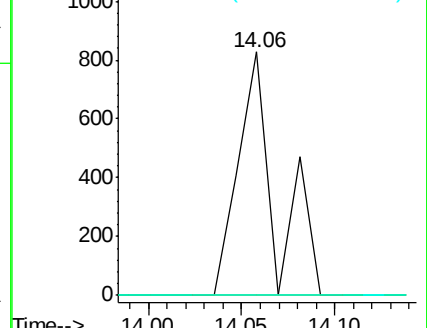
229 0.0 15.4 23.2#



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: 0.95 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.08 min

Lab File: BF081973.D

Acq: 2 Oct 2015 8:21

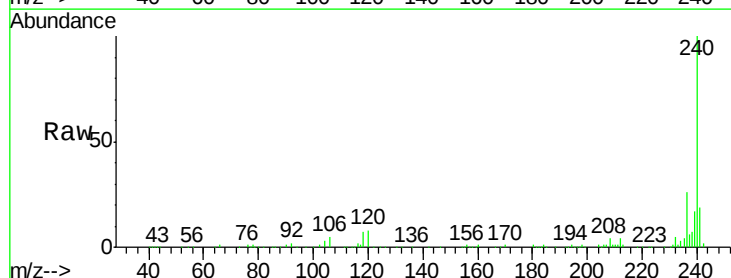
Tgt Ion:228 Resp: 1171

Ion Ratio Lower Upper

228 100

226 0.0 21.0 31.4#

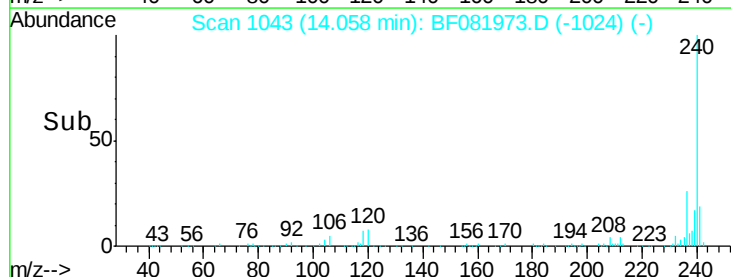
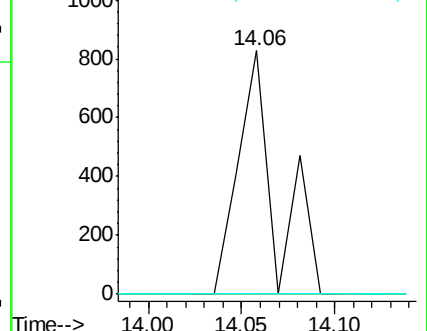
229 0.0 15.6 23.4#

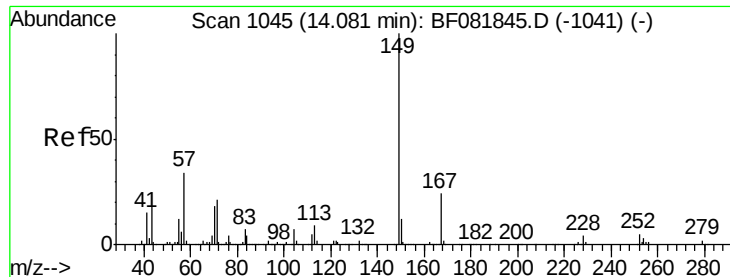


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

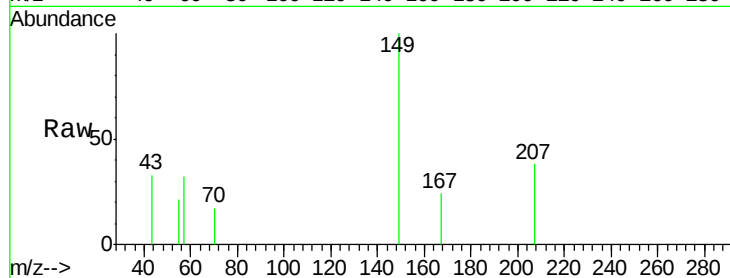




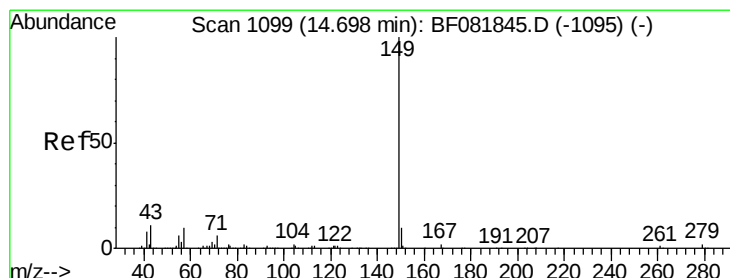
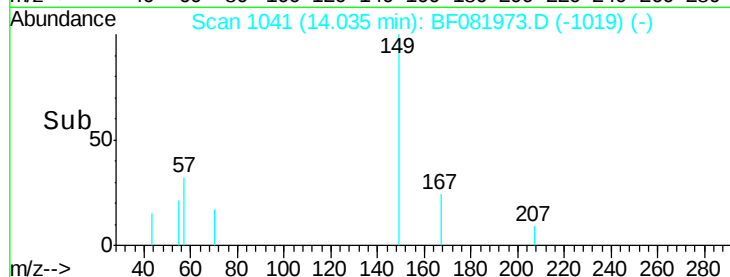
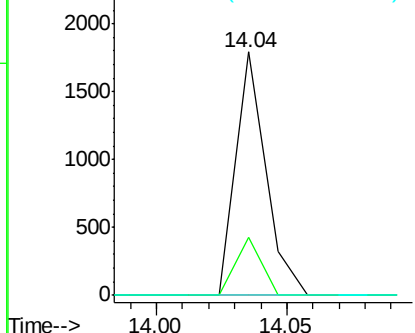
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.14 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.05 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 A7-COMP

Tot Ion:149 Resp: 1448
 Ion Ratio Lower Upper
 149 100
 167 23.9 24.2 36.2#
 279 0.0 3.8 5.6#

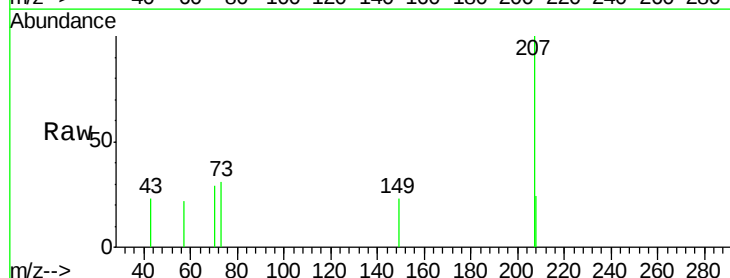


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

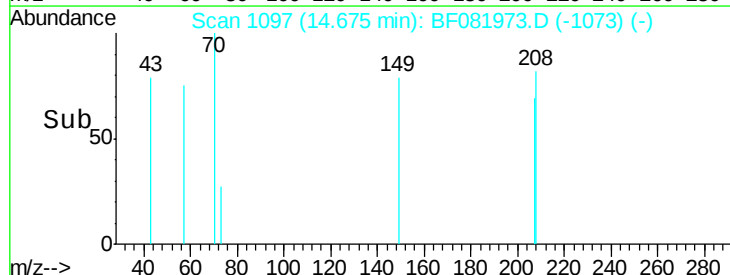
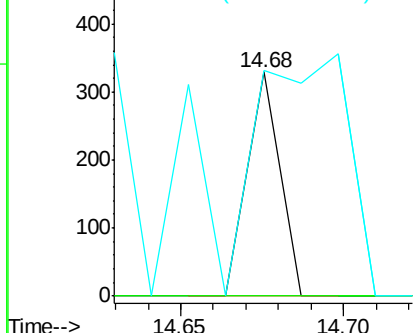


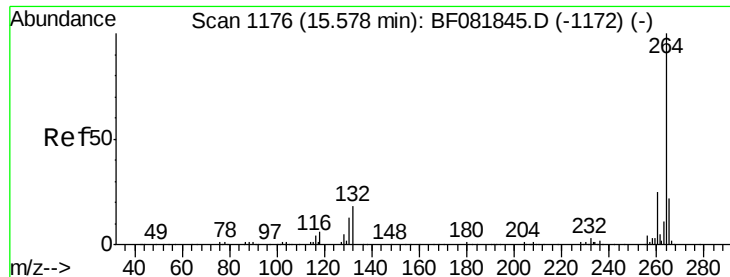
#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 14.68 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF081973.D
 Acq: 2 Oct 2015 8:21

Tgt Ion:149 Resp: 226
 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

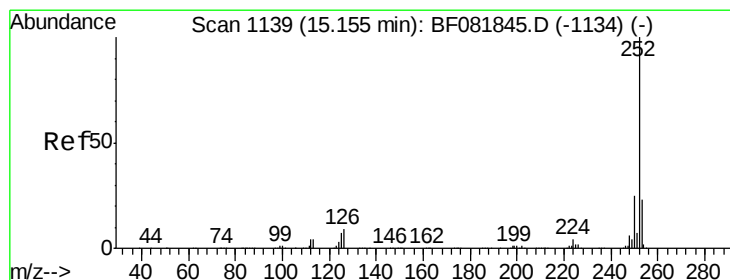
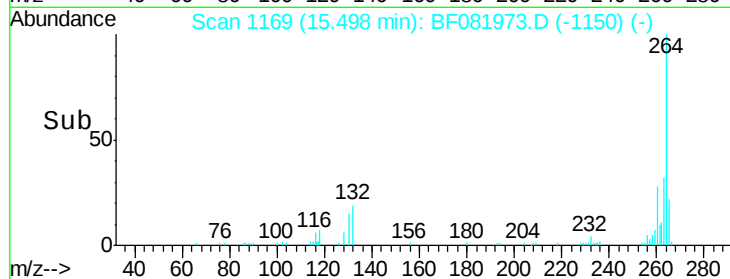
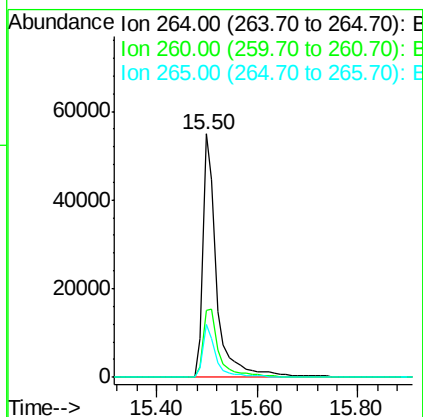
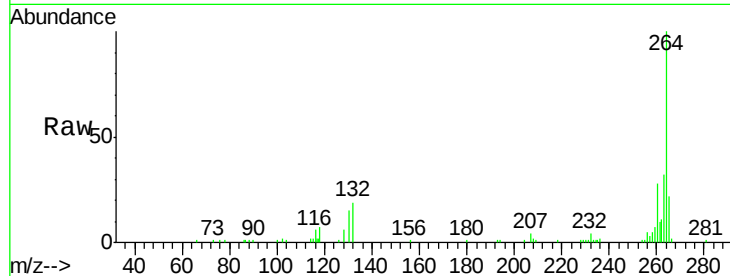




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081973.D
Acq: 2 Oct 2015 8:21

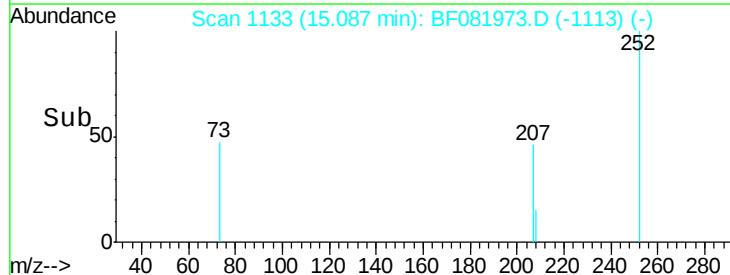
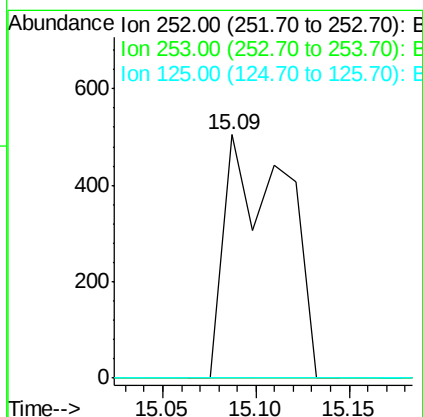
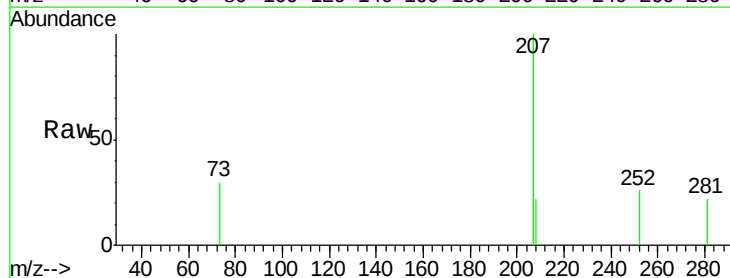
Instrument :
BNA_F
ClientSampleId :
A7-COMP

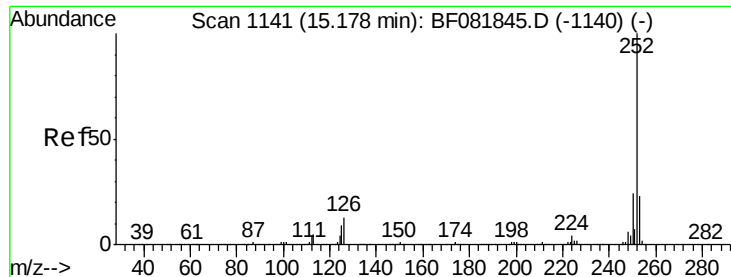
Tot Ion:264 Resp: 105148
Ion Ratio Lower Upper
264 100
260 27.6 16.7 25.1#
265 21.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.19 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF081973.D
Acq: 2 Oct 2015 8:21

Tgt Ion:252 Resp: 1139
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 17.1 25.7#

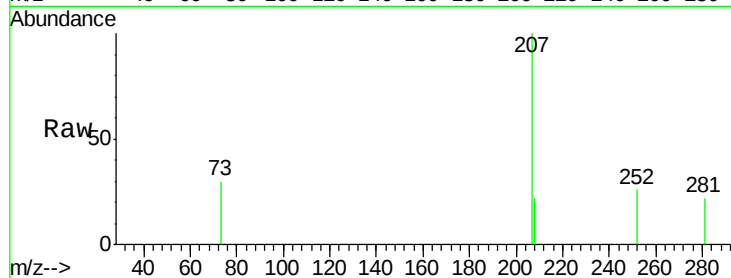




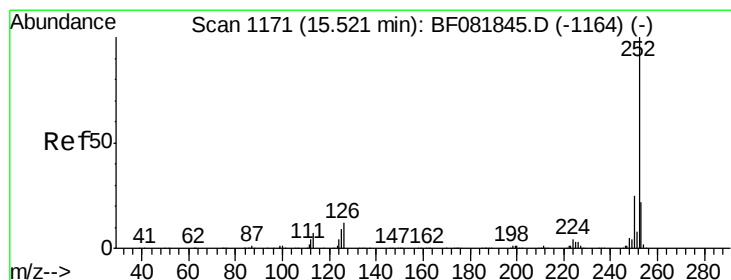
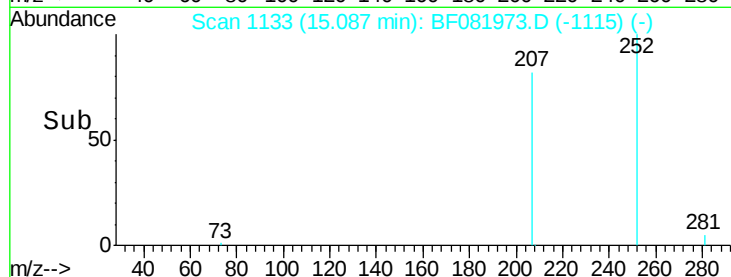
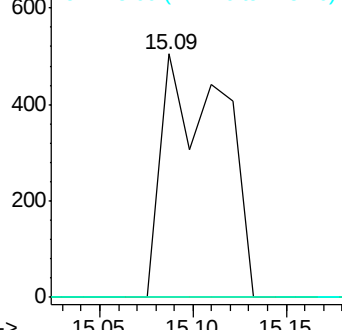
#88
Benzo(k)fluoranthene
Concen: 0.21 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.09 min
Lab File: BF081973.D
Acq: 2 Oct 2015 8:21

Instrument :
BNA_F
ClientSampleId :
A7-COMP

Tot Ion:252 Resp: 1139
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.4#
125 0.0 16.0 24.0#

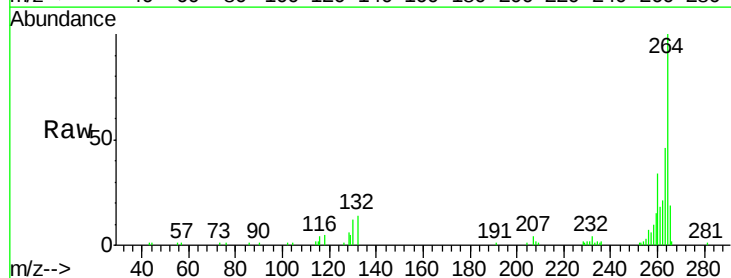


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF081973.D
Acq: 2 Oct 2015 8:21

Tgt Ion:252 Resp: 281
Ion Ratio Lower Upper
252 100
253 124.6 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

