

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
 Data File : BF081974.D
 Acq On : 2 Oct 2015 8:52
 Operator : UM/IZ
 Sample : G3875-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A8-COMP

Quant Time: Oct 02 11:28:58 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	112945	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	452767	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	212341	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	456444	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	377273	20.00	ng	-0.06
86) Perylene-d12	15.50	264	112909	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	789712	126.93	ng	-0.01
7) Phenol-d6	6.53	99	857498	109.53	ng	-0.03
23) Nitrobenzene-d5	7.46	82	655202	96.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	305360	141.99	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1258904	103.55	ng	-0.05
78) Terphenyl-d14	13.01	244	1280653	125.81	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	206	0.08	ng	# 11
4) n-Nitrosodimethylamine	3.20	42	208	0.07	ng	# 1
6) Aniline	6.66	93	747	0.07	ng	# 1
8) 2-Chlorophenol	6.67	128	219	0.03	ng	# 1
9) Benzaldehyde	6.53	77	1111	0.22	ng	# 1
10) Phenol	6.66	94	1167	0.13	ng	# 1
11) bis(2-Chloroethyl)ether	6.66	93	747	0.11	ng	# 1
15) Benzyl Alcohol	7.05	79	10343	1.83	ng	# 32
16) 2,2'-oxybis(1-Chloropropan	7.38	45	820	0.09	ng	# 4
18) Hexachloroethane	7.39	117	744	0.28	ng	# 28
19) n-Nitroso-di-n-propylamine	7.46	70	83101	17.46	ng	# 57
22) Acetophenone	7.39	105	497	0.05	ng	# 45
24) Nitrobenzene	7.46	77	1720	0.23	ng	# 19
25) Isophorone	7.46	82	561744	41.73	ng	# 58
31) Naphthalene	8.30	128	479	0.02	ng	# 1
37) 2-Methylnaphthalene	8.99	142	779	0.06	ng	# 83
45) 1,1'-Biphenyl	9.26	154	1964	0.12	ng	# 1
47) 2-Nitroaniline	9.26	65	1963	0.52	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	25685	8.07	ng	# 39
51) Acenaphthene	9.93	154	677	0.06	ng	# 9
56) 2,4-Dinitrotoluene	9.93	165	26137	6.44	ng	# 33
57) Fluorene	10.72	166	11239	Below Cal		# 79
59) Diethylphthalate	10.35	149	2520	0.18	ng	# 87
62) Azobenzene	10.72	77	1107	0.08	ng	# 9
64) 4,6-Dinitro-2-methylphenol	10.72	198	421	1.40	ng	# 1
65) n-Nitrosodiphenylamine	10.72	169	8773	0.64	ng	# 45
66) 4-Bromophenyl-phenylether	10.72	248	19388	4.21	ng	# 1
70) Phenanthrene	11.44	178	721	Below Cal		# 62
71) Anthracene	11.44	178	721	0.03	ng	# 62
73) Di-n-butylphthalate	11.98	149	3426	Below Cal		# 90
76) Benzidine	13.01	184	16194	1.42	ng	# 96
77) Pyrene	13.01	202	3869	0.17	ng	# 60
79) Butylbenzylphthalate	13.48	149	575	0.07	ng	# 66
80) Benzo(a)anthracene	14.06	228	1205	0.06	ng	# 54

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ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A8-COMP

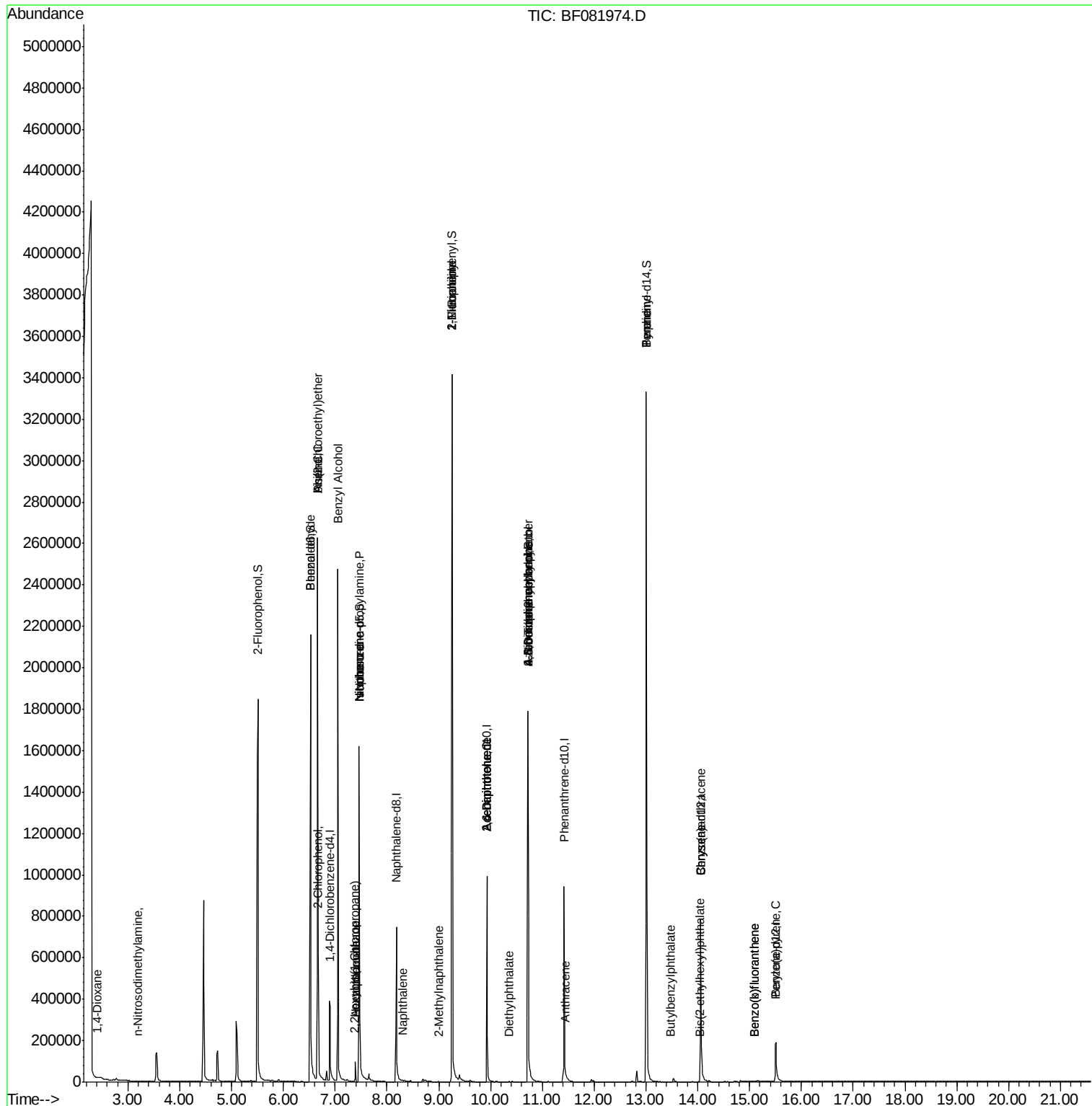
Quant Time: Oct 02 11:28:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

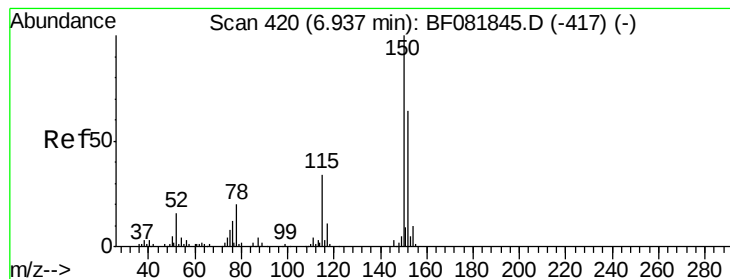
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	14.06	228	1205	0.95	ng	# 54
83) Bis(2-ethylhexyl)phthalate	14.04	149	1051	0.10	ng	# 96
87) Benzo(b)fluoranthene	15.10	252	870	0.13	ng	# 54
88) Benzo(k)fluoranthene	15.10	252	870	0.15	ng	# 56
89) Benzo(a)pyrene	15.51	252	237	0.04	ng	# 1

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

```
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Acq On    : 2 Oct 2015    8:52  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

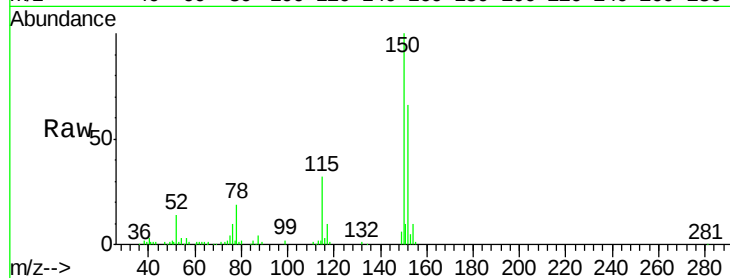
Tot Ion:152 Resp: 112945

Ion Ratio Lower Upper

152 100

150 151.8 124.7 187.1

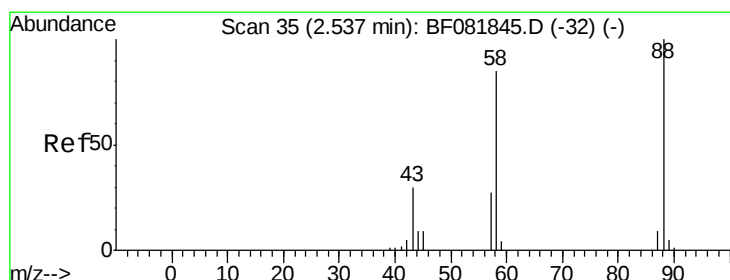
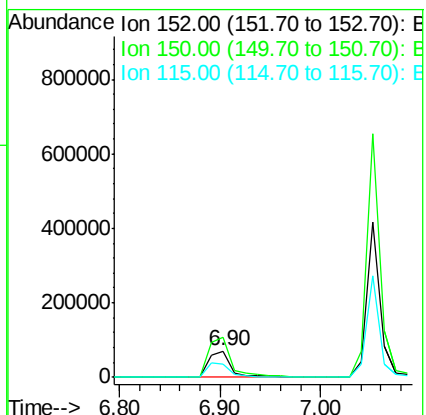
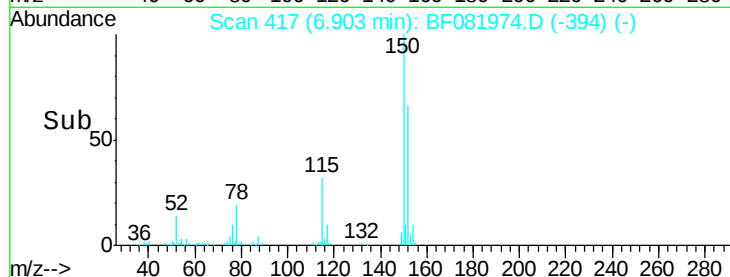
115 48.1 39.0 58.4



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: 0.08 ng

RT: 2.41 min Scan# 24

Delta R.T. -0.13 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

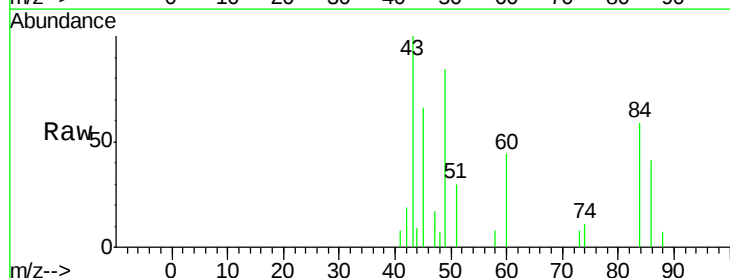
Tgt Ion: 88 Resp: 206

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

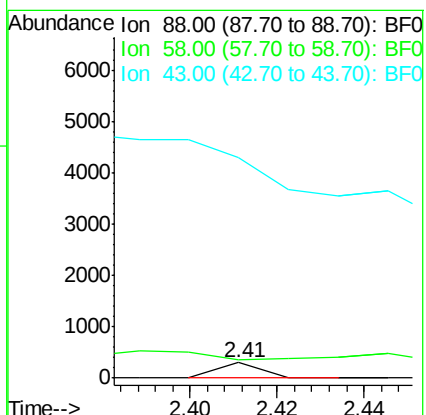
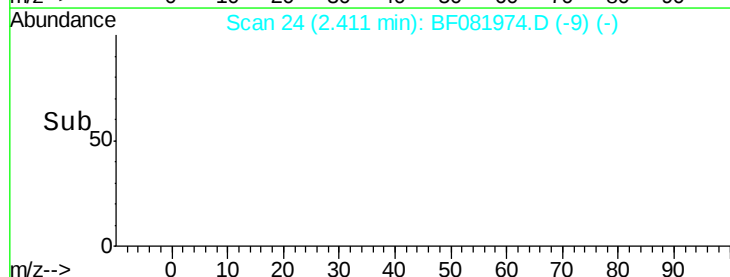
43 0.0 26.6 40.0#

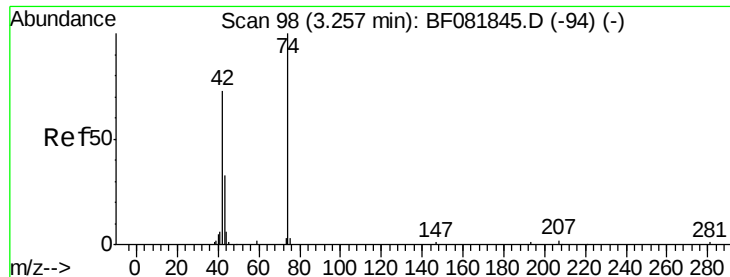


Abundance Ion 88.00 (87.70 to 88.70): BF0

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: 3.20 min Scan# 93

Delta R.T. -0.06 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

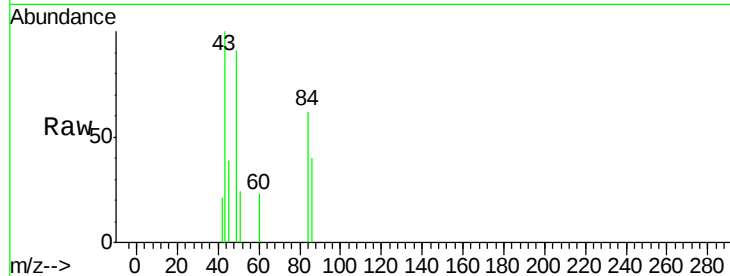
Tot Ion: 42 Resp: 208

Ion Ratio Lower Upper

42 100

74 0.0 105.0 157.6#

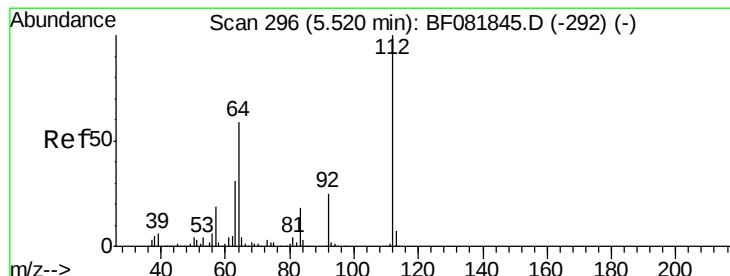
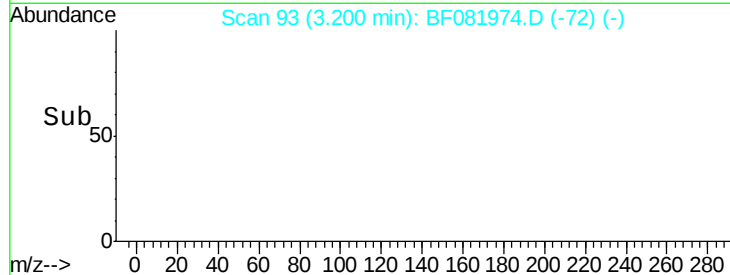
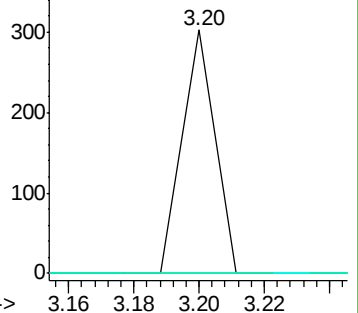
44 0.0 6.6 10.0#



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



#5

2-Fluorophenol

Concen: 126.93 ng

RT: 5.51 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

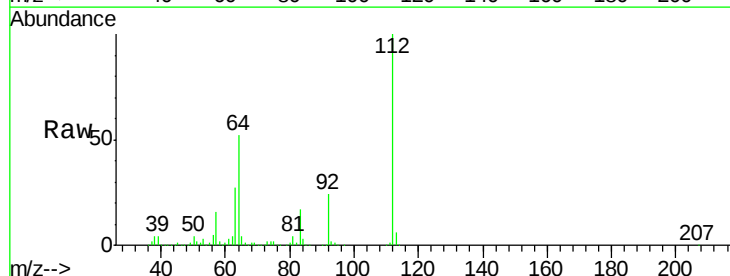
Tgt Ion: 112 Resp: 789712

Ion Ratio Lower Upper

112 100

64 51.9 39.7 59.5

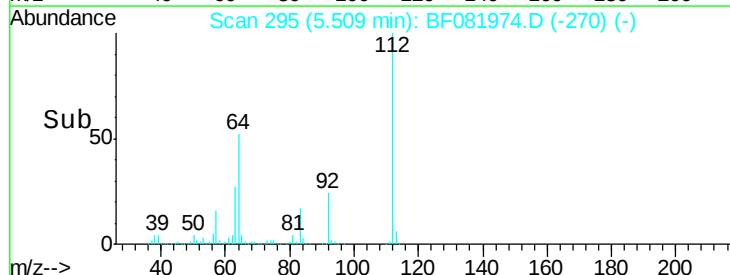
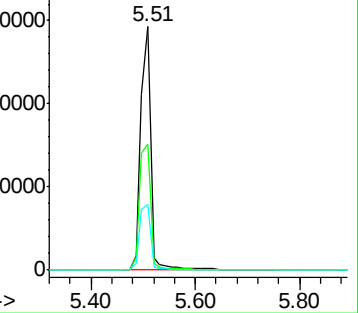
63 27.1 17.4 26.0#

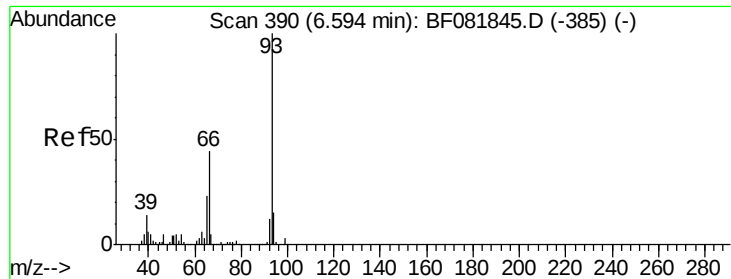


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.07 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.07 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampled :

A8-COMP

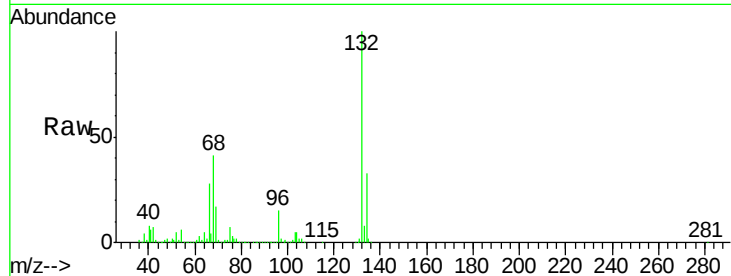
Tot Ion: 93 Resp: 747

Ion Ratio Lower Upper

93 100

66 19481.8 27.2 40.8#

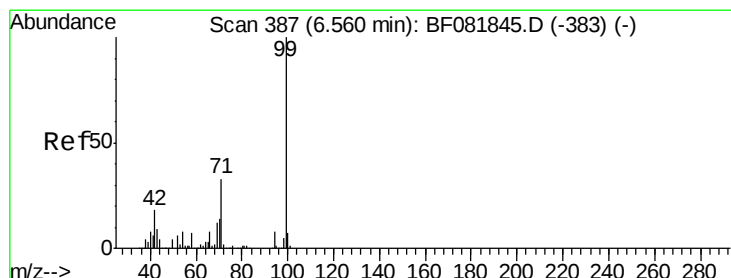
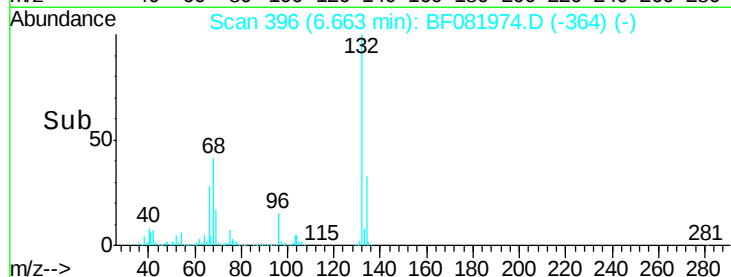
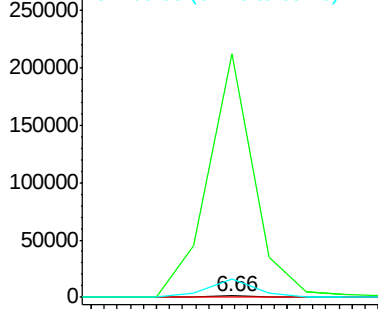
65 1487.2 14.7 22.1#



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: 109.53 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

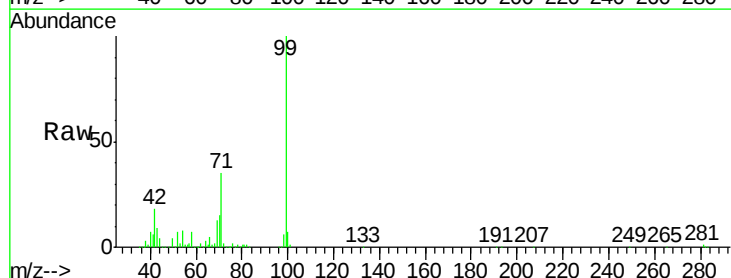
Tgt Ion: 99 Resp: 857498

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

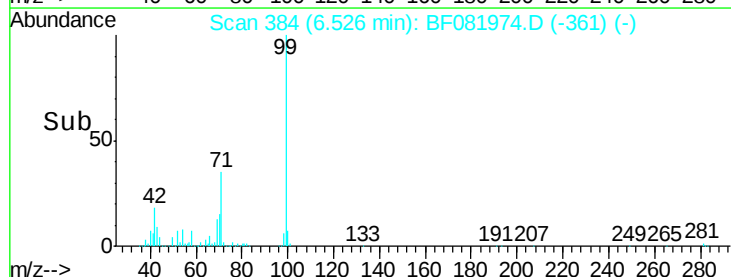
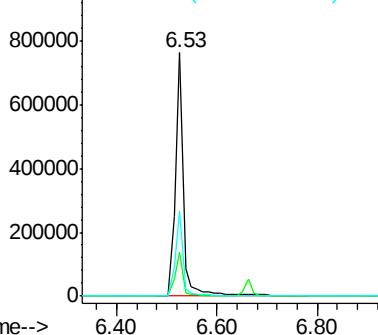
71 34.9 14.2 21.2#

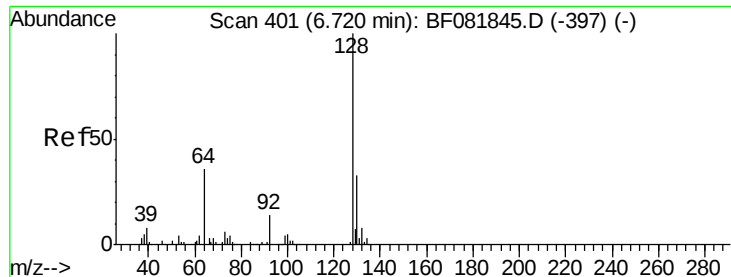


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

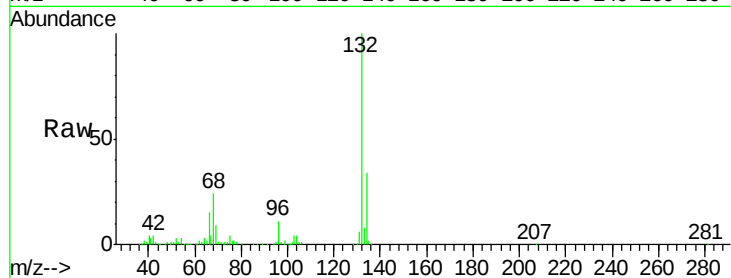
Tot Ion:128 Resp: 219

Ion Ratio Lower Upper

128 100

130 144.8 12.2 52.2#

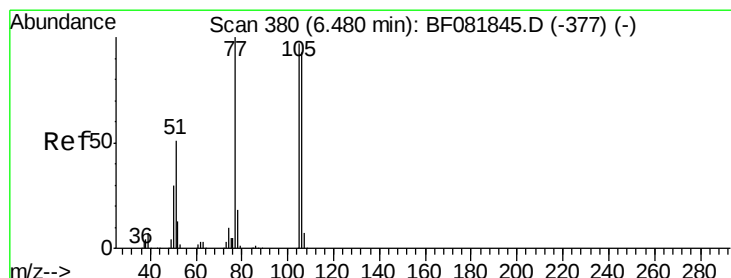
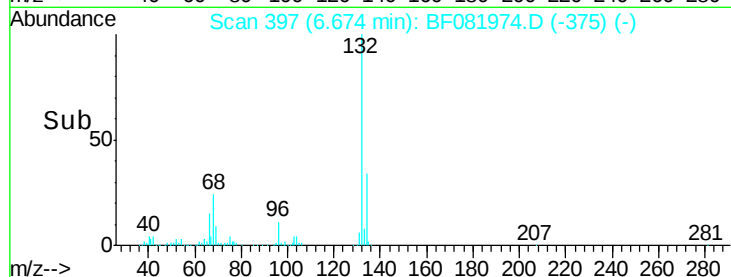
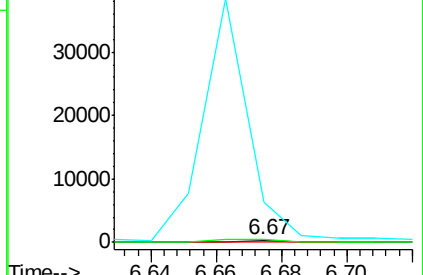
64 1987.5 20.5 60.5#



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: BF081974.D

Acq: 2 Oct 2015 8:52

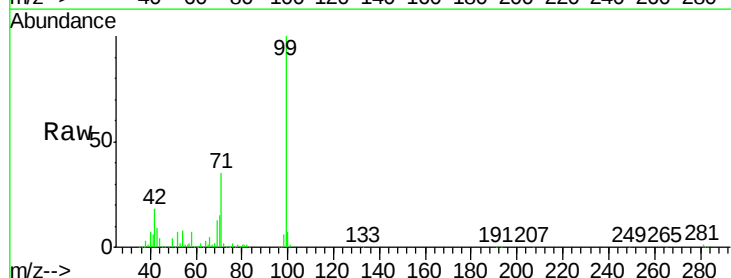
Tgt Ion: 77 Resp: 1111

Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

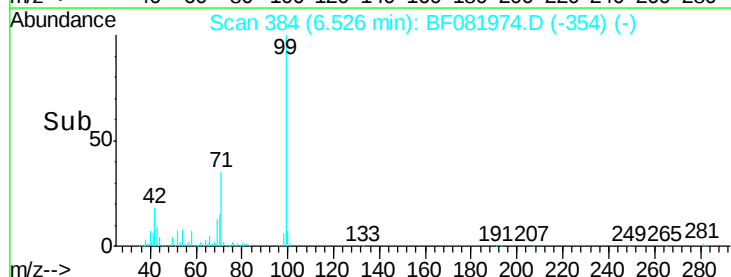
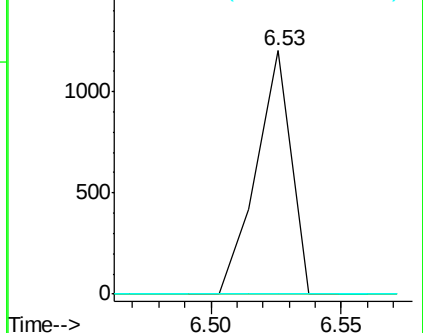
106 0.0 102.6 142.6#

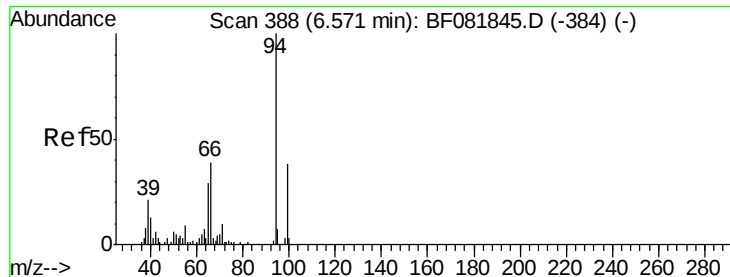


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.13 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.09 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

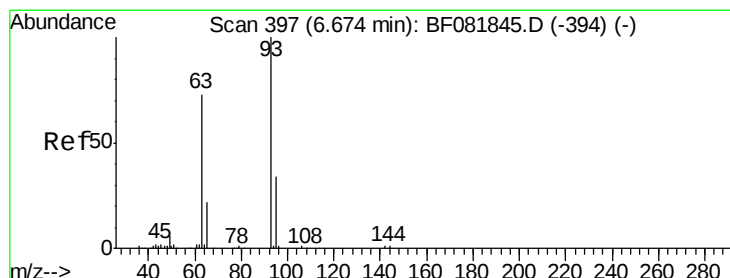
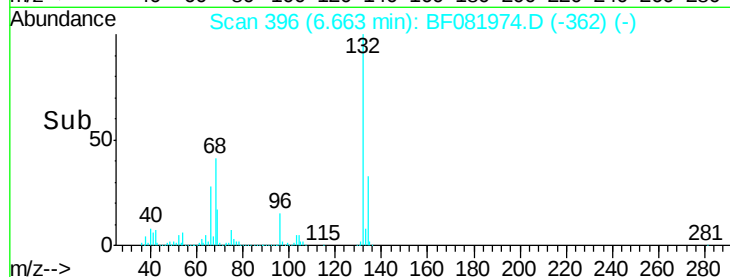
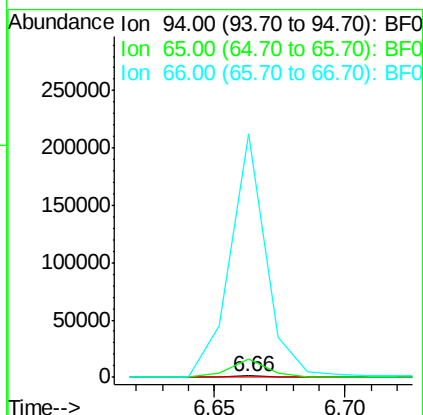
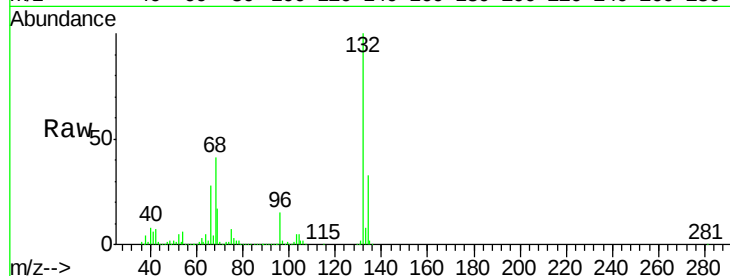
Tot Ion: 94 Resp: 1167

Ion Ratio Lower Upper

94 100

65 1229.9 0.7 40.7#

66 16111.7 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: BF081974.D

Acq: 2 Oct 2015 8:52

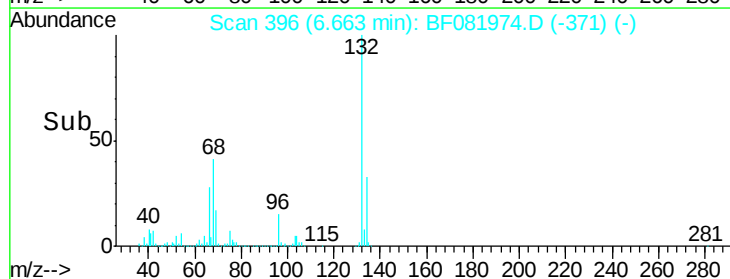
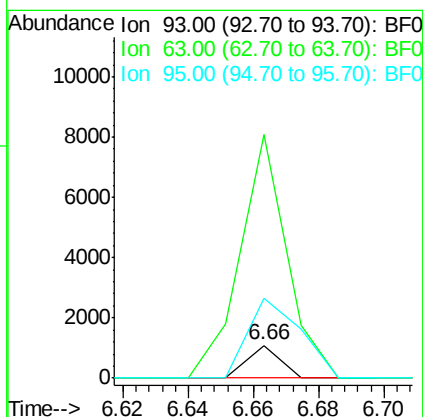
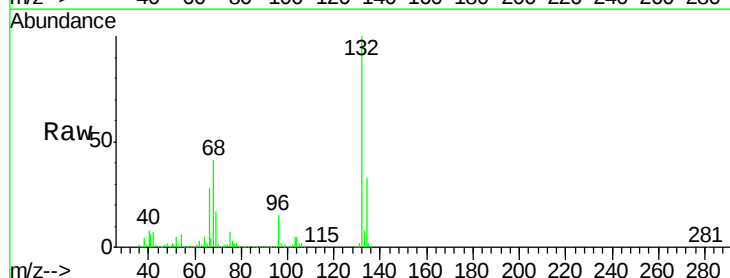
Tgt Ion: 93 Resp: 747

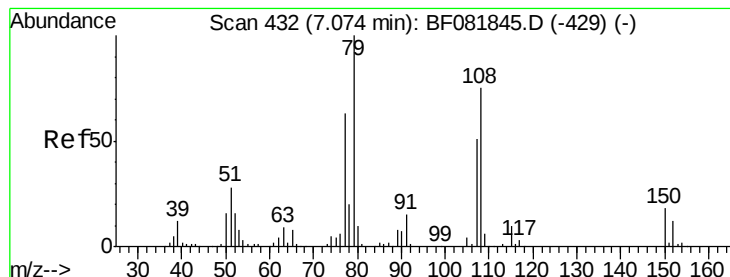
Ion Ratio Lower Upper

93 100

63 741.4 65.6 105.6#

95 242.9 13.6 53.6#





#15

Benzyl Alcohol

Concen: 1.83 ng

RT: 7.05 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

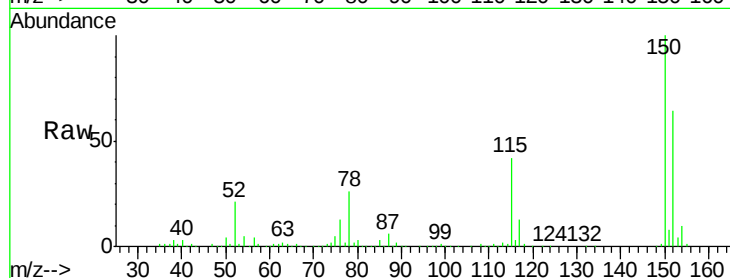
Tot Ion: 79 Resp: 10343

Ion Ratio Lower Upper

79 100

108 31.7 88.6 132.8#

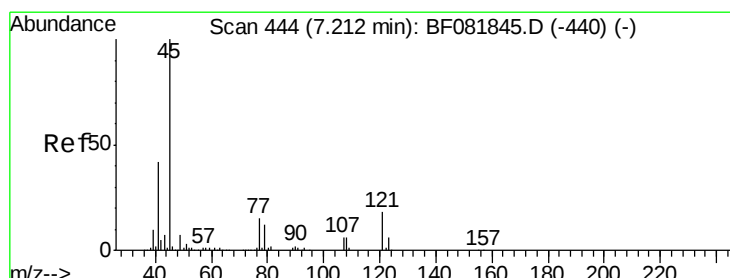
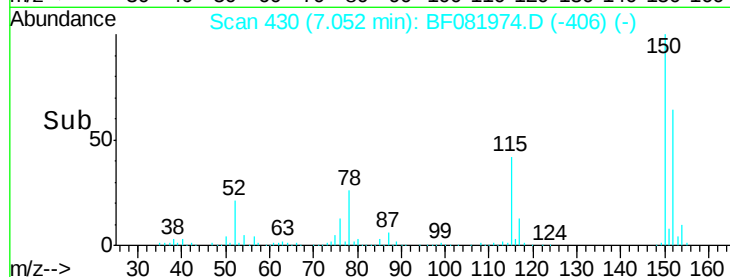
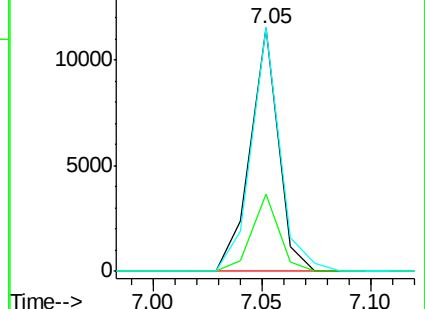
77 99.9 47.0 70.4#



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: 0.09 ng

RT: 7.38 min Scan# 459

Delta R.T. 0.17 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

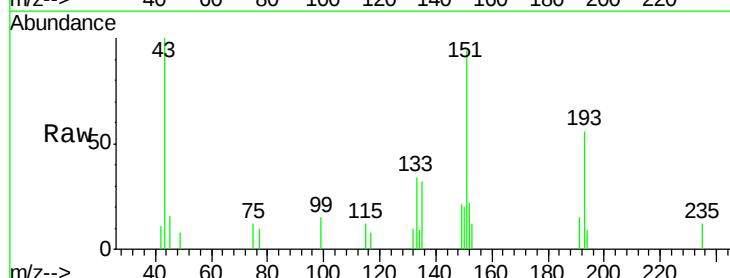
Tgt Ion: 45 Resp: 820

Ion Ratio Lower Upper

45 100

77 62.3 0.0 28.1#

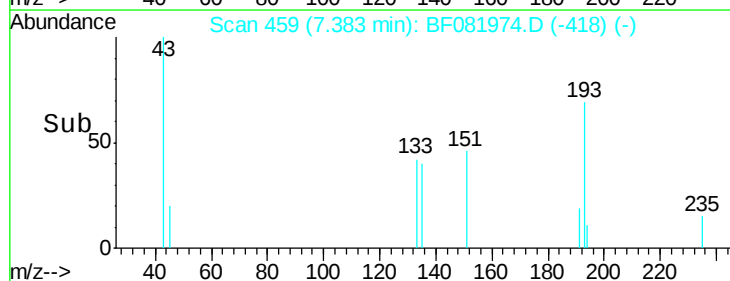
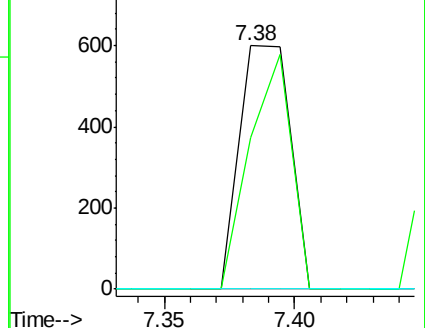
79 0.0 0.0 26.0

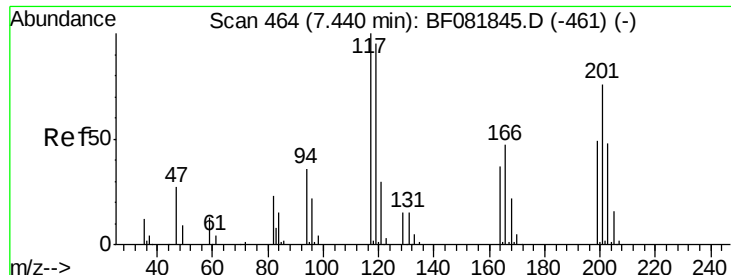


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#18

Hexachloroethane

Concen: 0.28 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.05 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

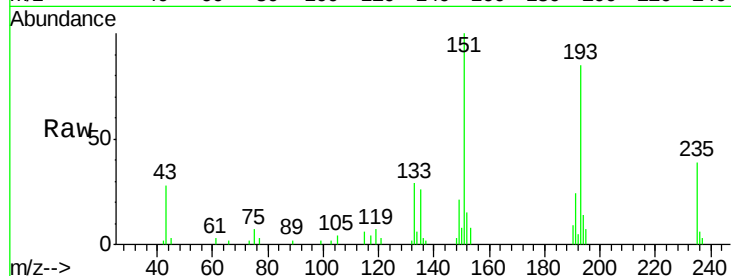
Tot Ion:117 Resp: 744

Ion Ratio Lower Upper

117 100

119 169.4 83.8 125.6#

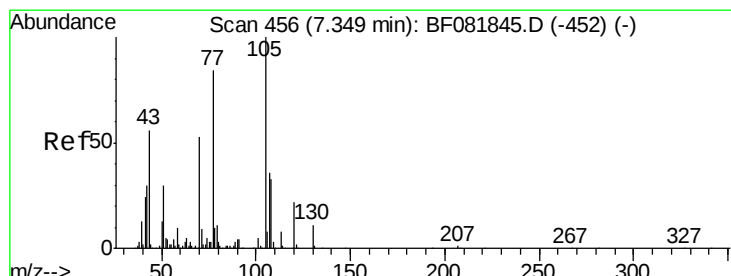
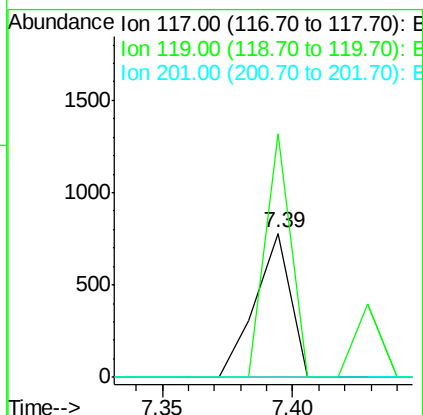
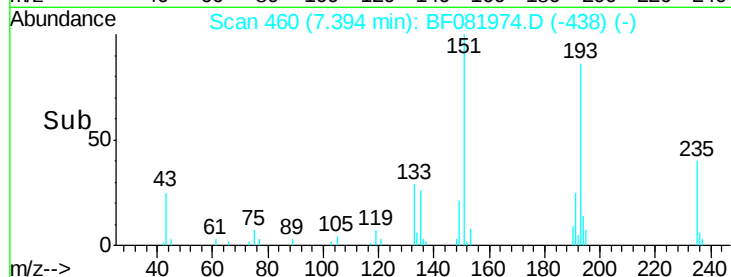
201 0.0 55.1 82.7#



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: 17.46 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Tgt Ion: 70 Resp: 83101

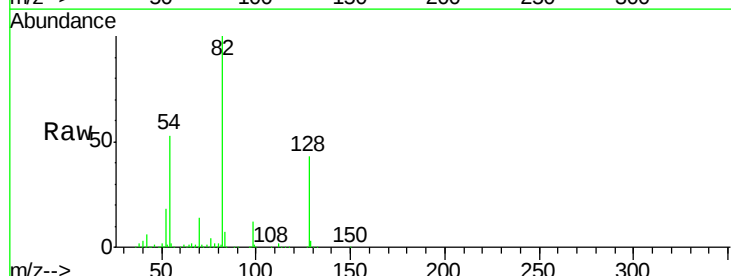
Ion Ratio Lower Upper

70 100

42 44.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

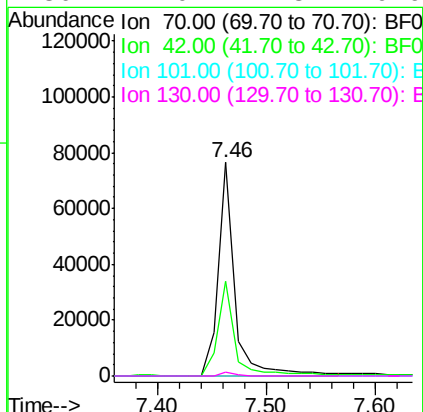
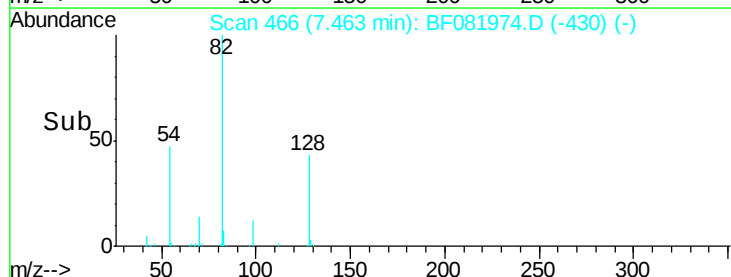


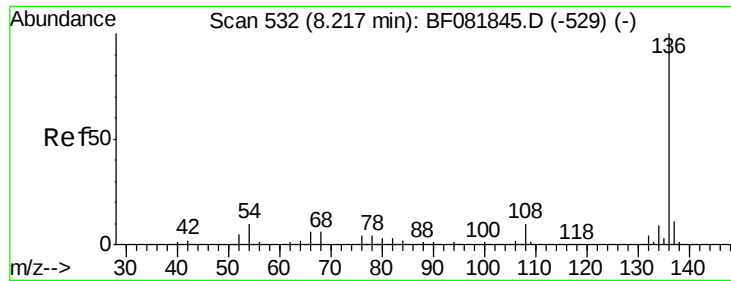
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

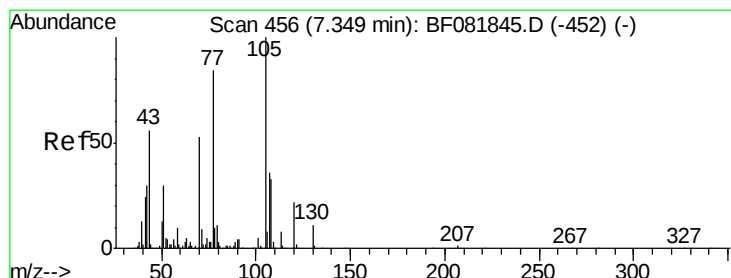
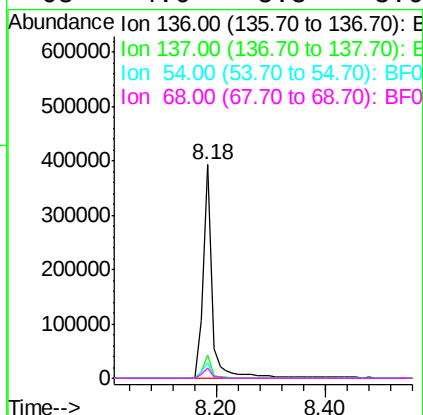
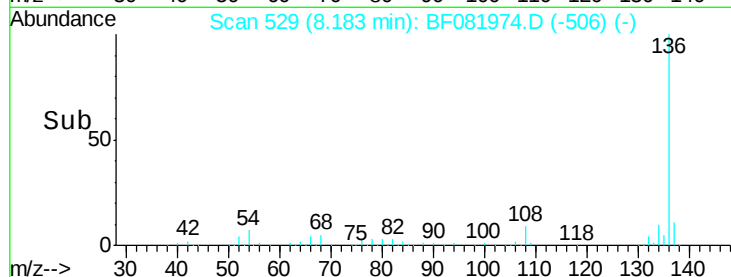
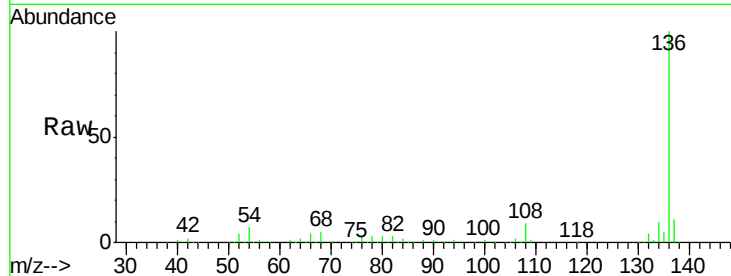




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081974.D
Acq: 2 Oct 2015 8:52

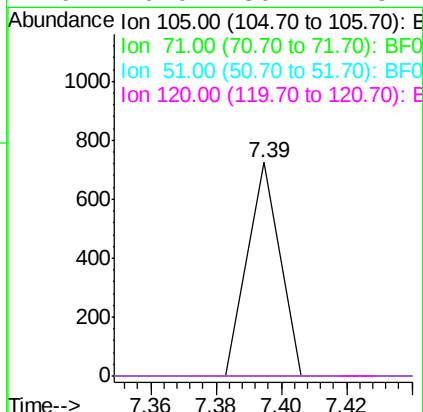
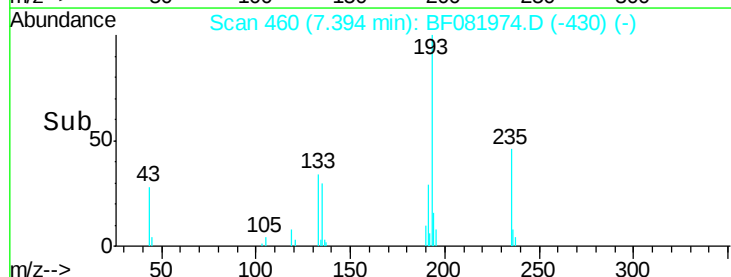
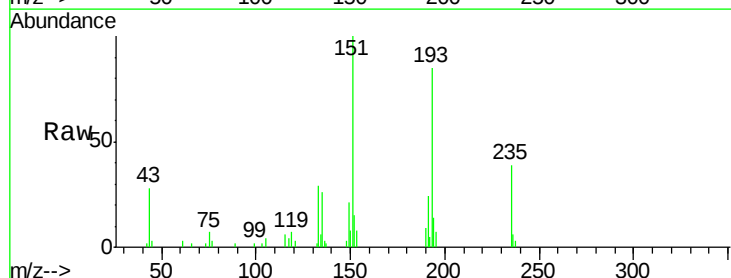
Instrument :
BNA_F
ClientSampleId :
A8-COMP

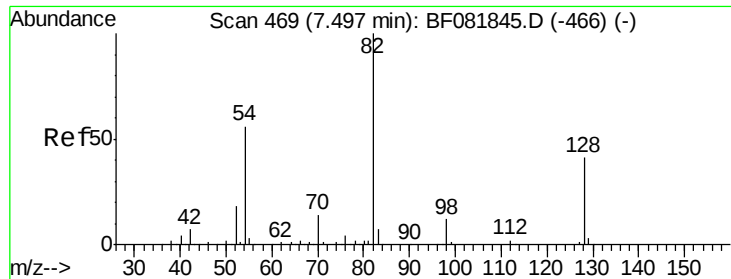
Tot Ion:	136	Resp:	452767
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.0	8.2	12.2#
68	4.6	5.8	8.6#



#22
Acetophenone
Concen: 0.05 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.05 min
Lab File: BF081974.D
Acq: 2 Oct 2015 8:52

Tgt Ion:	105	Resp:	497
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.7	7.1#
51	0.0	22.0	33.0#
120	0.0	30.1	45.1#

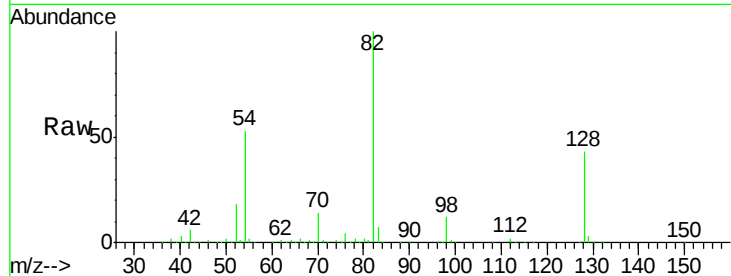




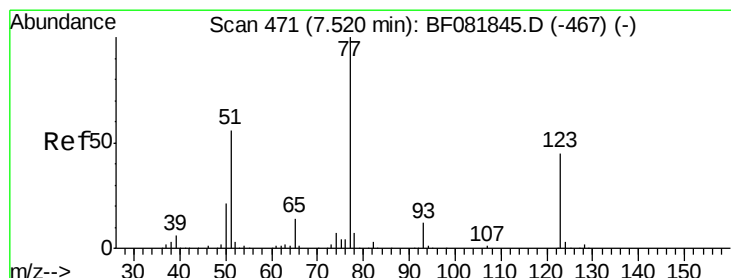
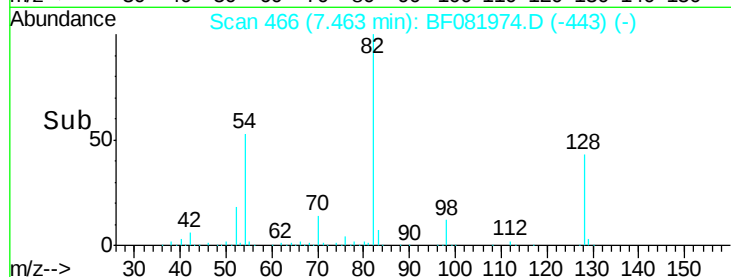
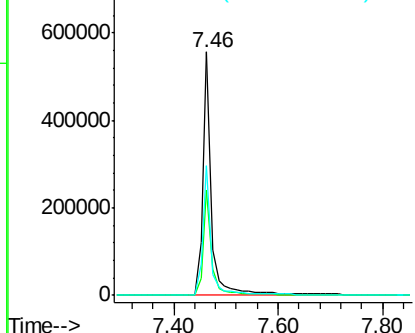
#23
Nitrobenzene-d5
Concen: 96.46 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081974.D
Acq: 2 Oct 2015 8:52

Instrument :
BNA_F
ClientSampleId :
A8-COMP

Tot Ion: 82 Resp: 655202
Ion Ratio Lower Upper
82 100
128 43.3 51.0 76.6#
54 53.5 47.5 71.3

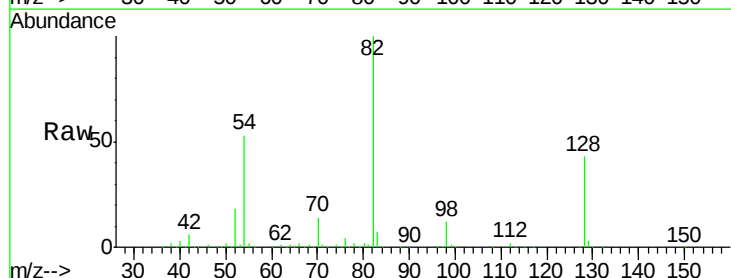


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

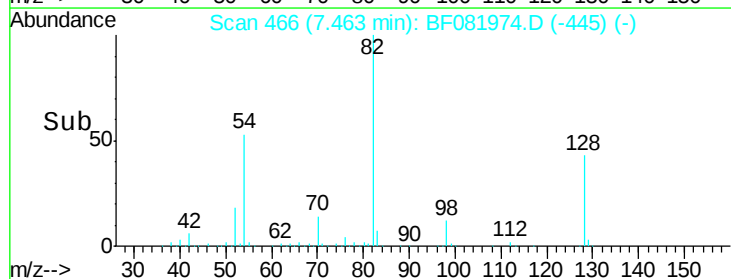
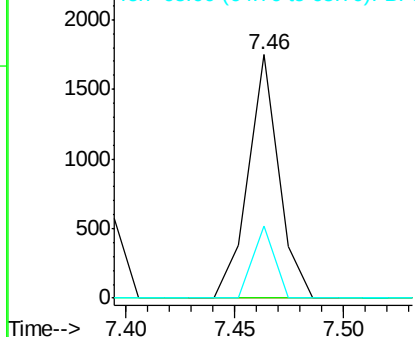


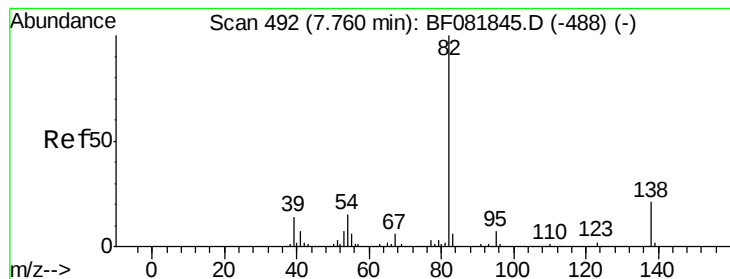
#24
Nitrobenzene
Concen: 0.23 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF081974.D
Acq: 2 Oct 2015 8:52

Tgt Ion: 77 Resp: 1720
Ion Ratio Lower Upper
77 100
123 0.0 59.8 89.8#
65 29.7 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: 41.73 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

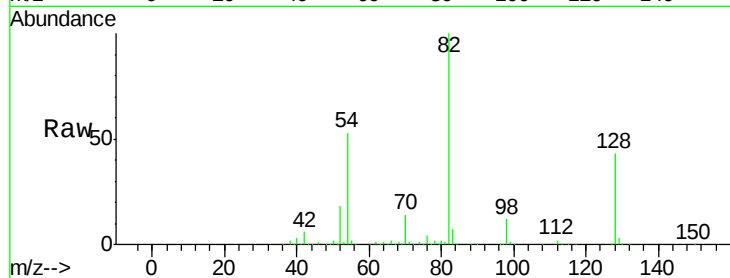
Tot Ion: 82 Resp: 561744

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

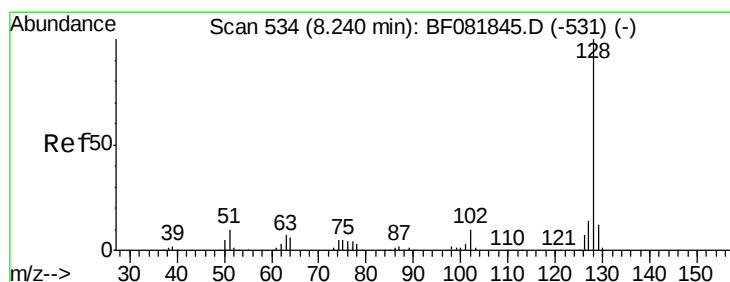
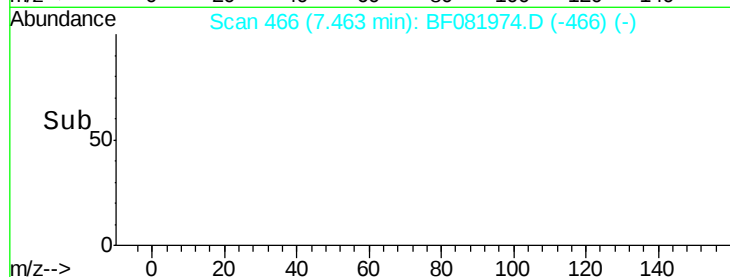
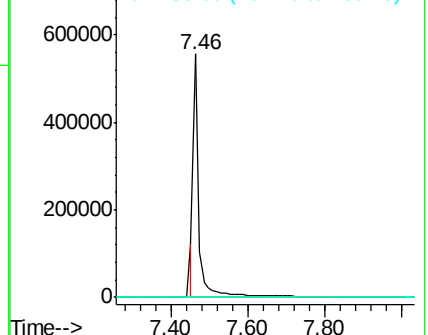
138 0.0 18.3 27.5#



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: 8.30 min Scan# 539

Delta R.T. 0.06 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

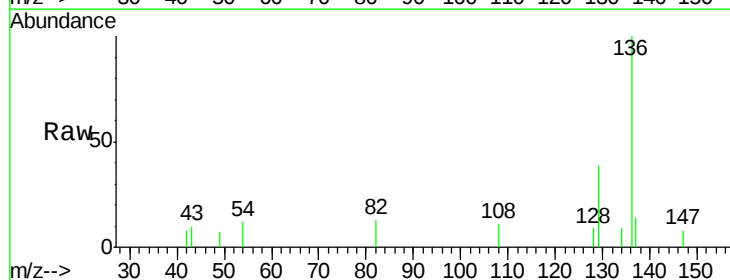
Tgt Ion: 128 Resp: 479

Ion Ratio Lower Upper

128 100

129 446.0 8.4 12.6#

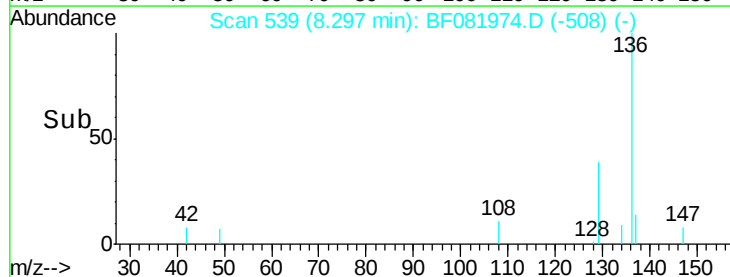
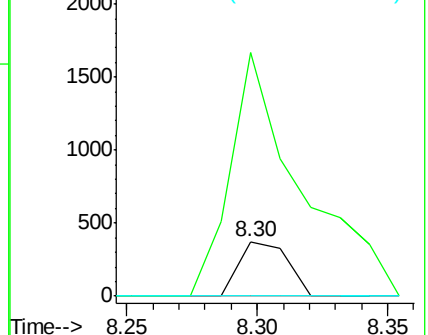
127 0.0 9.9 14.9#

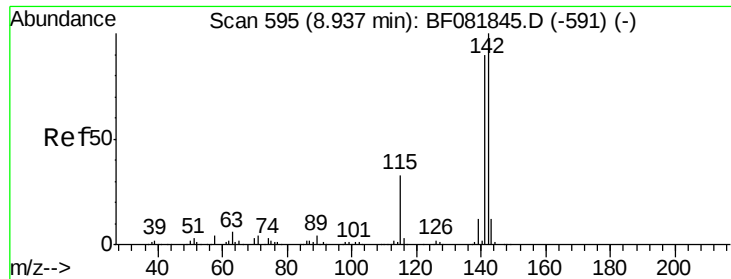


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

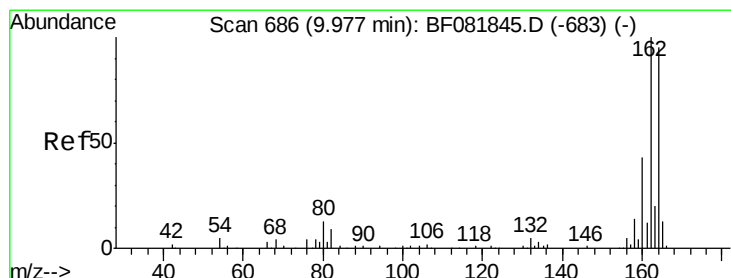
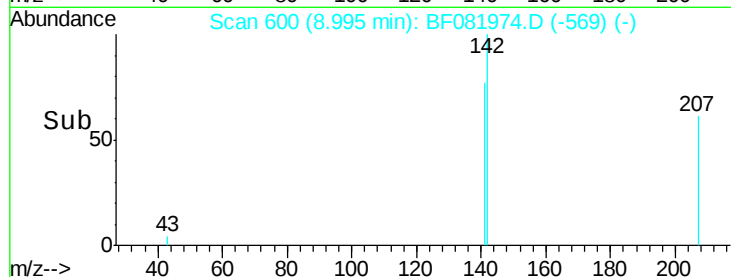
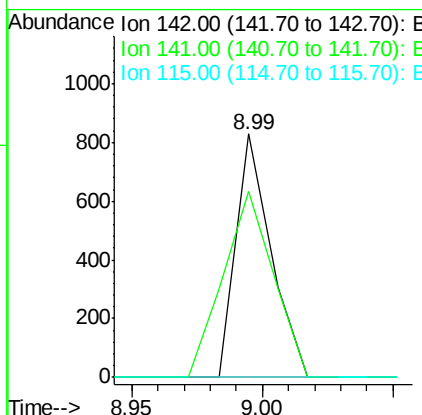
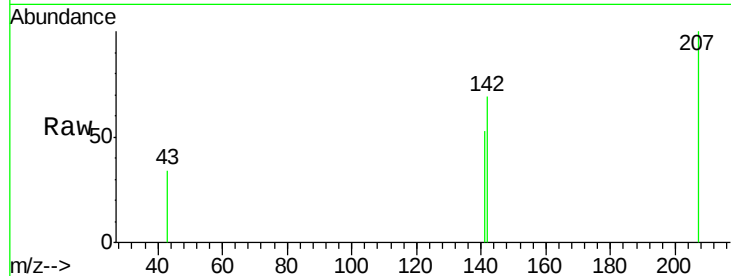




#37
 2-Methylnaphthalene
 Concen: 0.06 ng
 RT: 8.99 min Scan# 600
 Delta R.T. 0.06 min
 Lab File: BF081974.D
 Acq: 2 Oct 2015 8:52

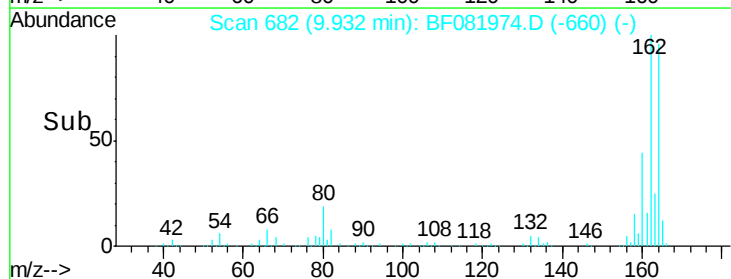
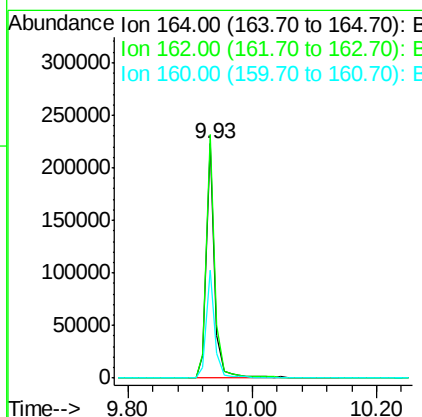
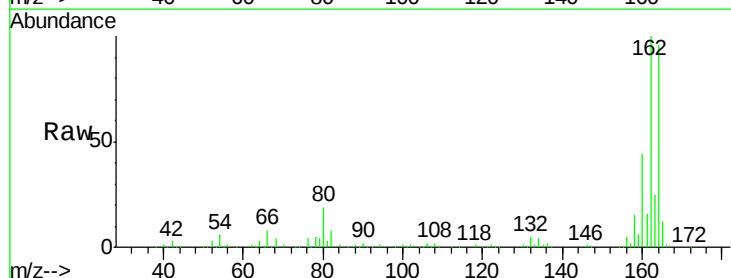
Instrument :
 BNA_F
 ClientSampleId :
 A8-COMP

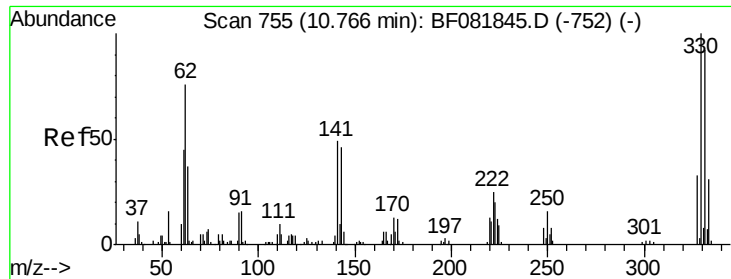
Tot Ion:142 Resp: 779
 Ion Ratio Lower Upper
 142 100
 141 76.6 67.5 101.3
 115 0.0 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081974.D
 Acq: 2 Oct 2015 8:52

Tgt Ion:164 Resp: 212341
 Ion Ratio Lower Upper
 164 100
 162 103.8 75.2 112.8
 160 45.8 31.5 47.3

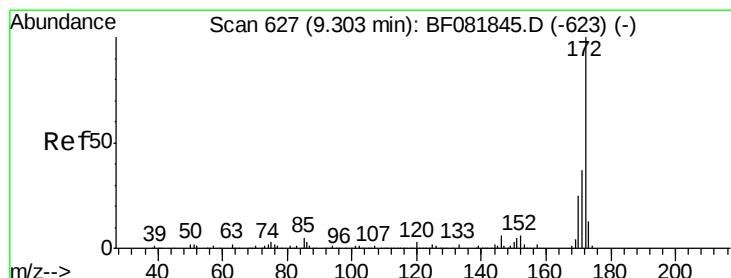
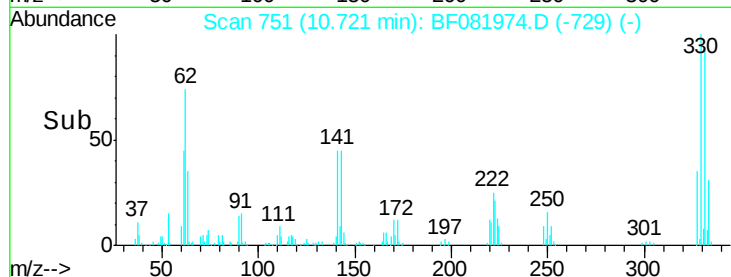
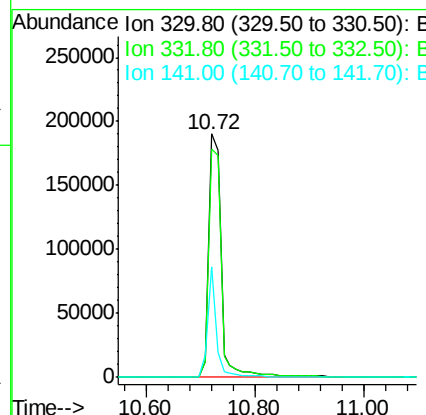
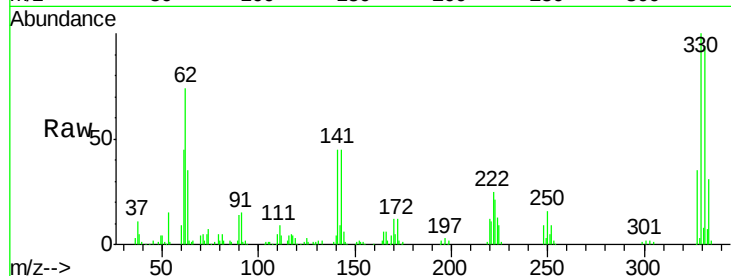




#41
 2,4,6-Tribromophenol
 Concen: 141.99 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081974.D
 Acq: 2 Oct 2015 8:52

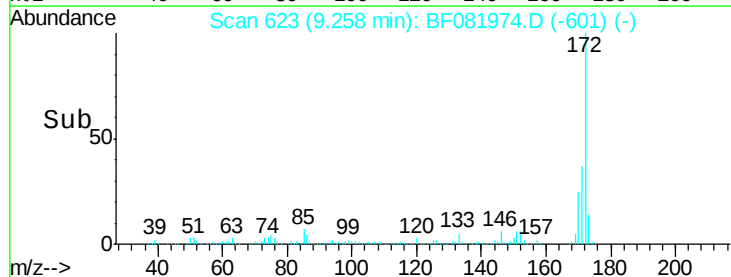
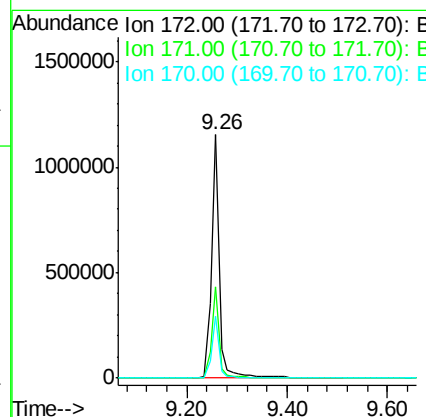
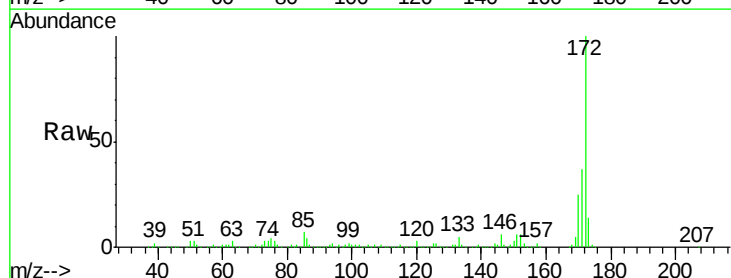
Instrument :
 BNA_F
 ClientSampled :
 A8-COMP

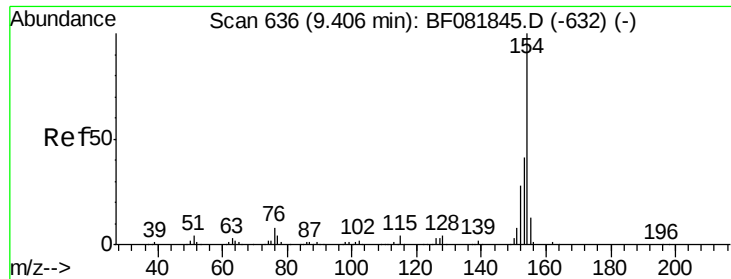
Tot Ion:330 Resp: 305360
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 31.9 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 103.55 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081974.D
 Acq: 2 Oct 2015 8:52

Tgt Ion:172 Resp: 1258904
 Ion Ratio Lower Upper
 172 100
 171 37.5 26.1 39.1
 170 25.2 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: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

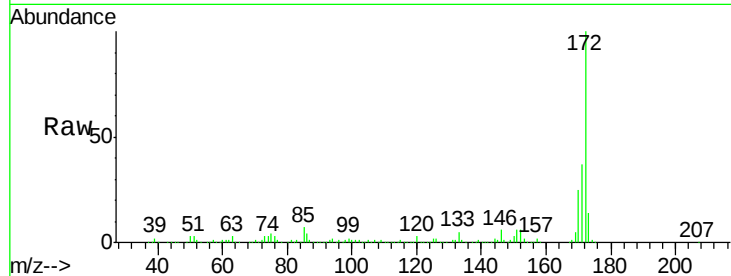
Tot Ion:154 Resp: 1964

Ion Ratio Lower Upper

154 100

153 1023.6 17.1 57.1#

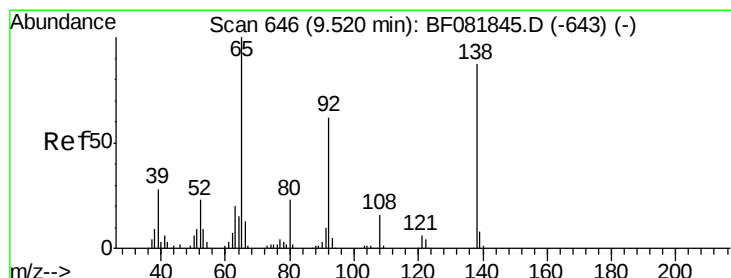
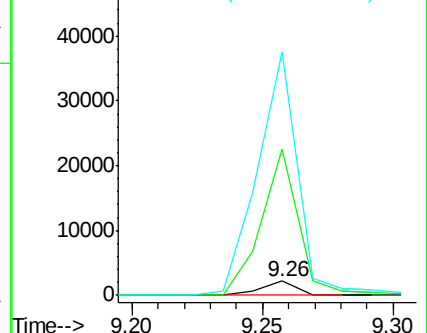
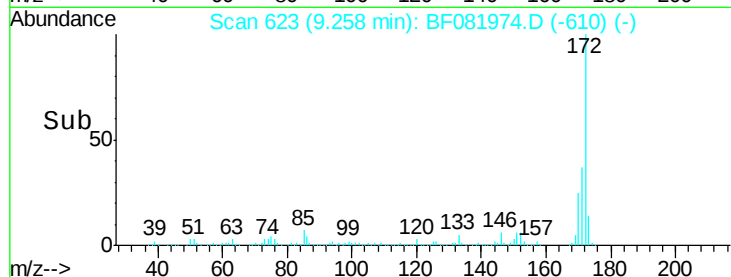
76 1706.9 0.0 31.6#



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: 0.52 ng

RT: 9.26 min Scan# 623

Delta R.T. -0.26 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

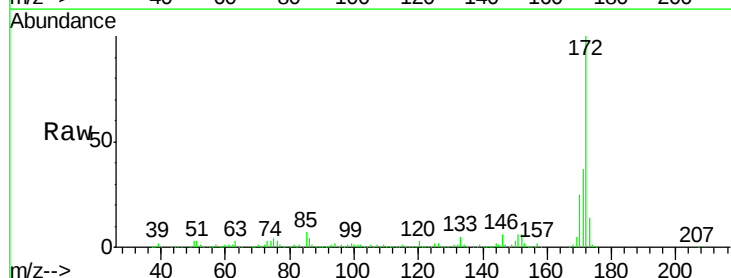
Tgt Ion: 65 Resp: 1963

Ion Ratio Lower Upper

65 100

92 197.5 55.4 83.0#

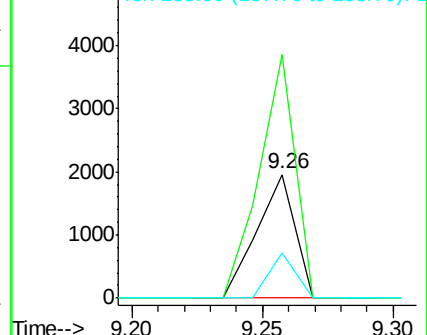
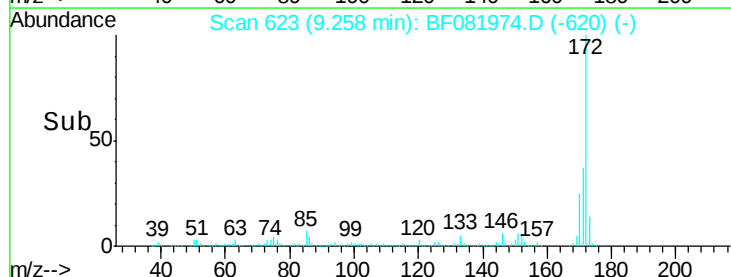
138 36.6 115.5 173.3#

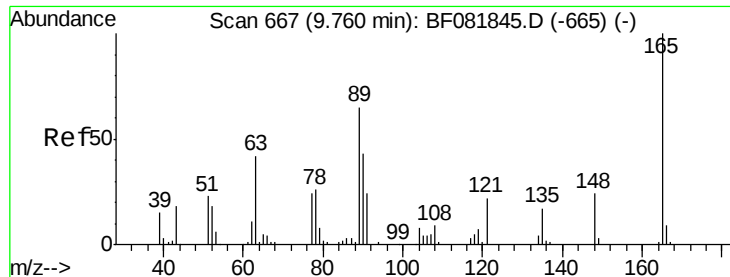


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

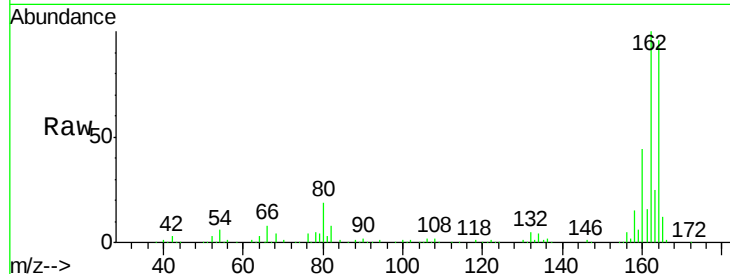




#50
2,6-Dinitrotoluene
Concen: 8.07 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.17 min
Lab File: BF081974.D
Acq: 2 Oct 2015 8:52

Instrument :
BNA_F
ClientSampleId :
A8-COMP

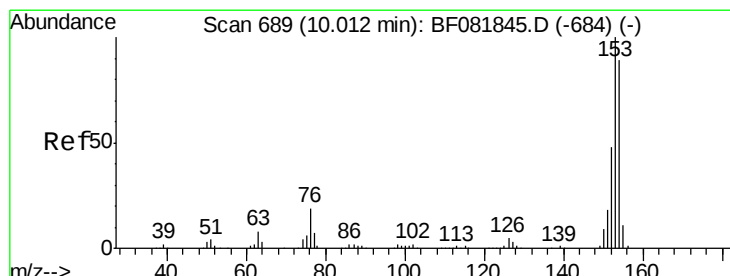
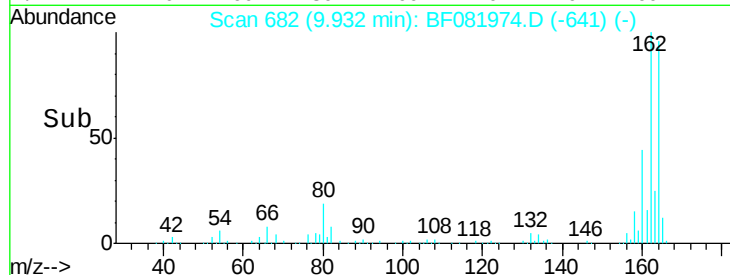
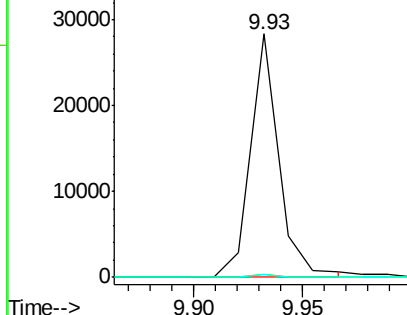
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.3	48.5#
89	1.3	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

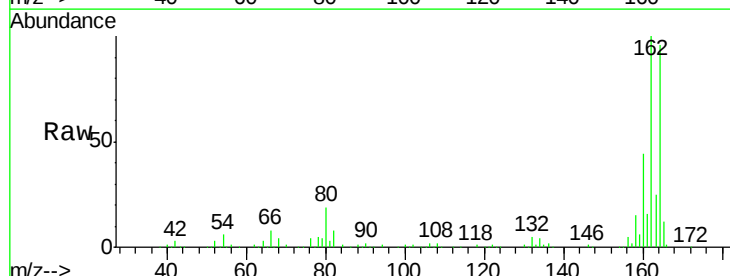
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 0.06 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.08 min
Lab File: BF081974.D
Acq: 2 Oct 2015 8:52

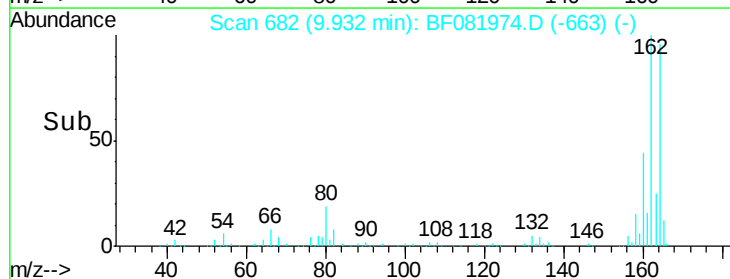
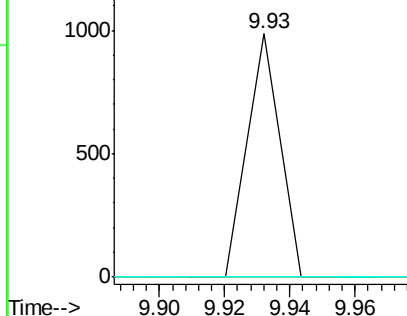
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	82.1	123.1#
152	0.0	37.9	56.9#

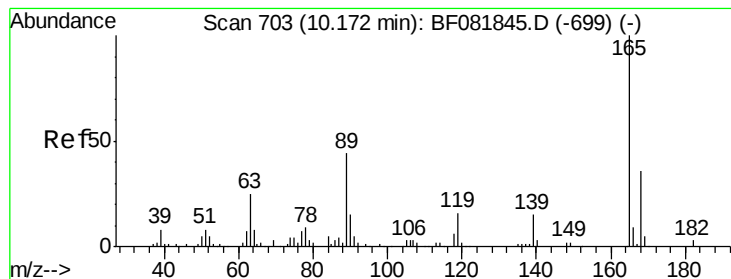


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#56

2,4-Dinitrotoluene

Concen: 6.44 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

Tot Ion:165 Resp: 26137

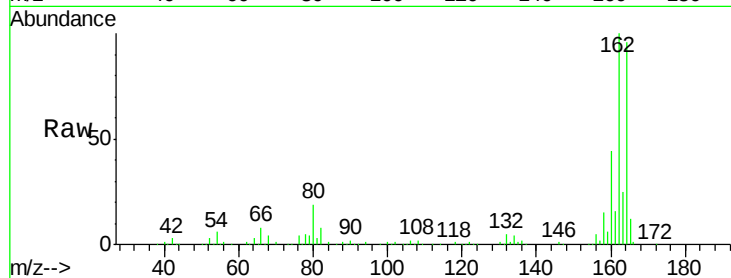
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.6#

89 1.3 44.5 66.7#

182 0.0 3.0 4.4#

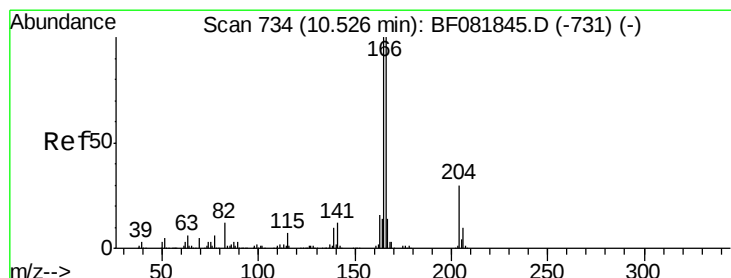
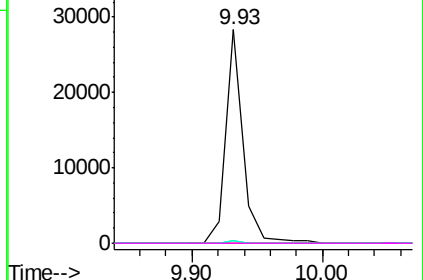
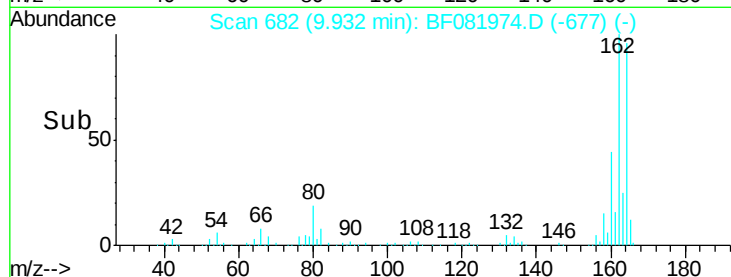


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081974.D

Acq: 2 Oct 2015 8:52

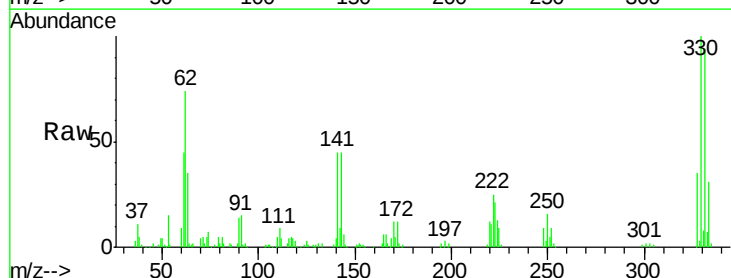
Tgt Ion:166 Resp: 11239

Ion Ratio Lower Upper

166 100

165 105.4 72.6 109.0

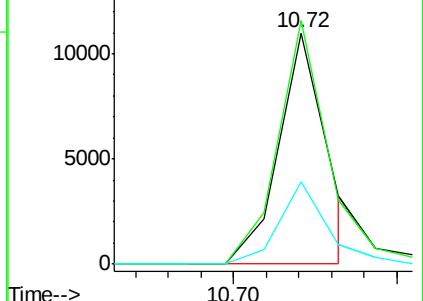
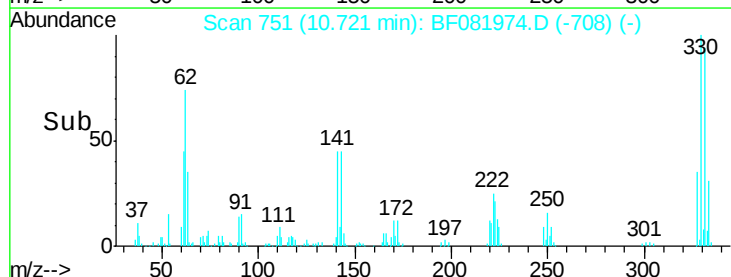
167 35.9 10.6 16.0#

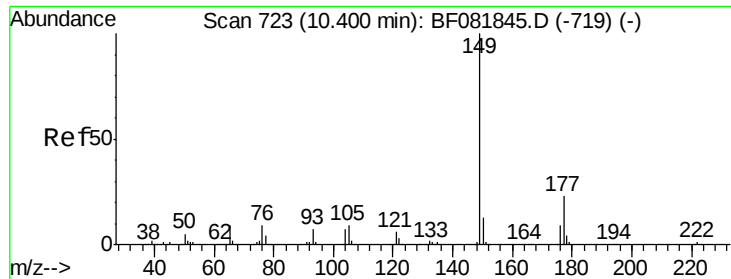


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

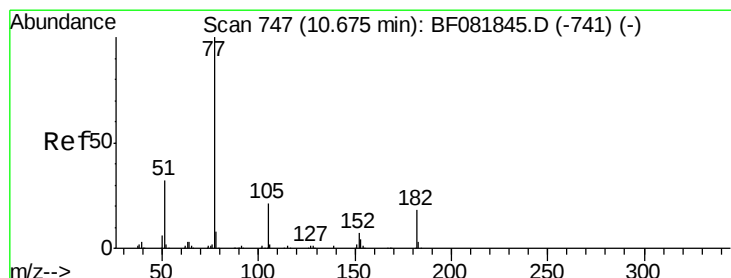
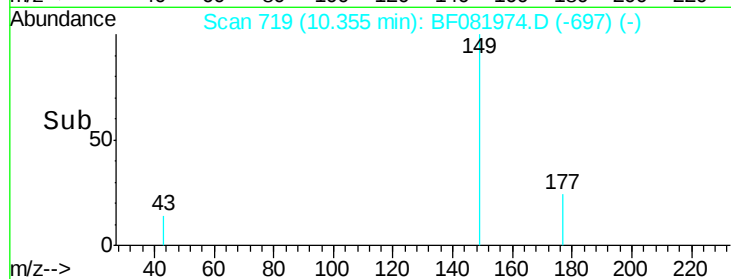
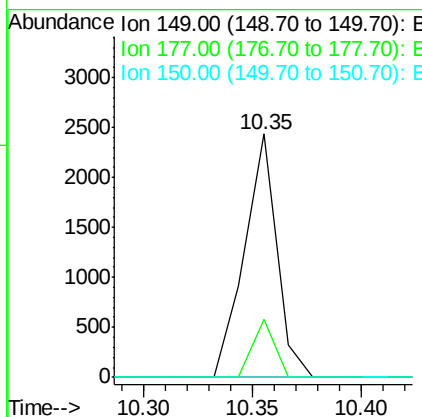
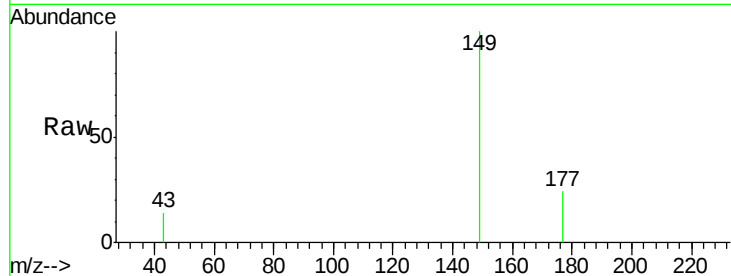




#59
Diethylphthalate
Concen: 0.18 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF081974.D
Acq: 2 Oct 2015 8:52

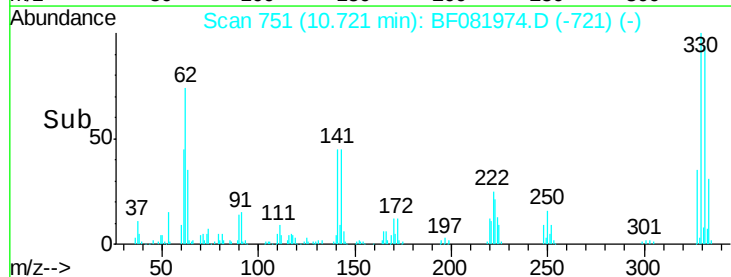
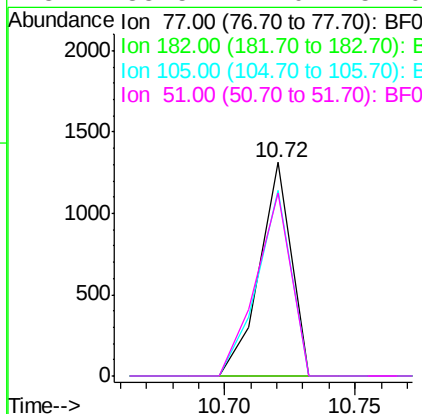
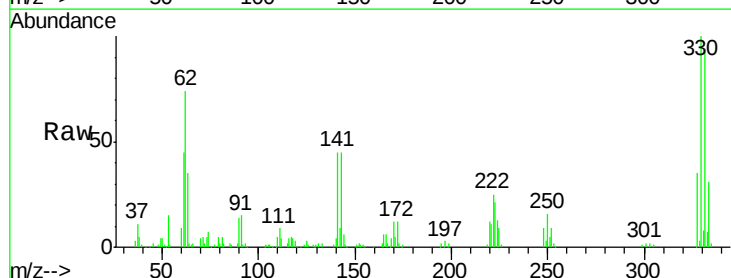
Instrument :
BNA_F
ClientSampleId :
A8-COMP

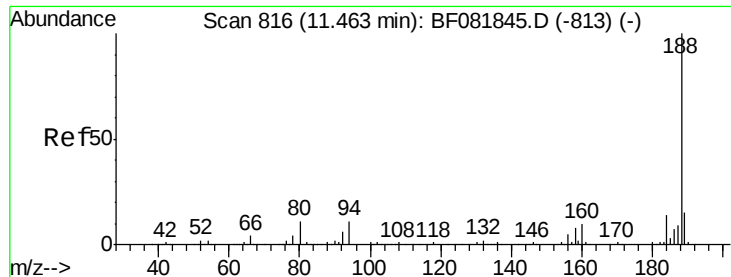
Tot Ion:149 Resp: 2520
Ion Ratio Lower Upper
149 100
177 23.7 17.5 26.3
150 0.0 9.4 14.2#



#62
Azobenzene
Concen: 0.08 ng
RT: 10.72 min Scan# 751
Delta R.T. 0.05 min
Lab File: BF081974.D
Acq: 2 Oct 2015 8:52

Tgt Ion: 77 Resp: 1107
Ion Ratio Lower Upper
77 100
182 0.0 15.1 55.1#
105 87.0 3.4 43.4#
51 85.5 12.0 52.0#

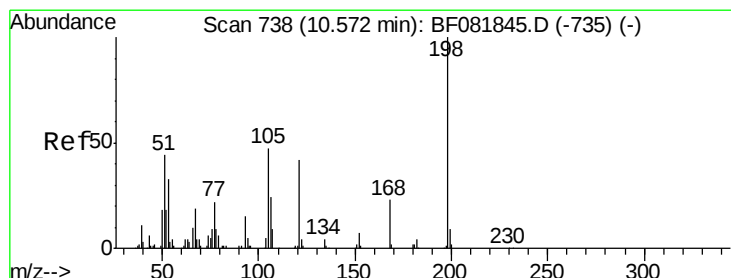
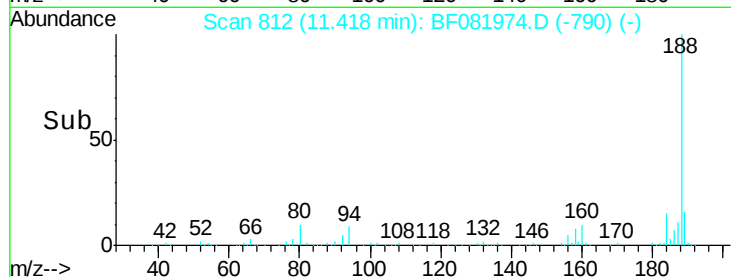
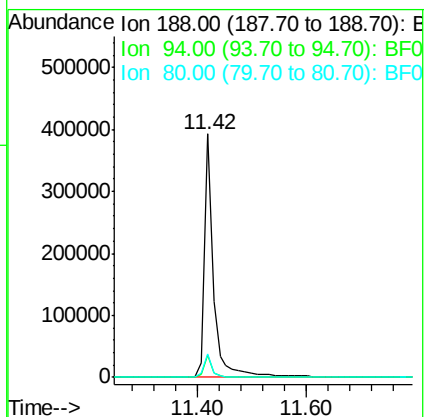
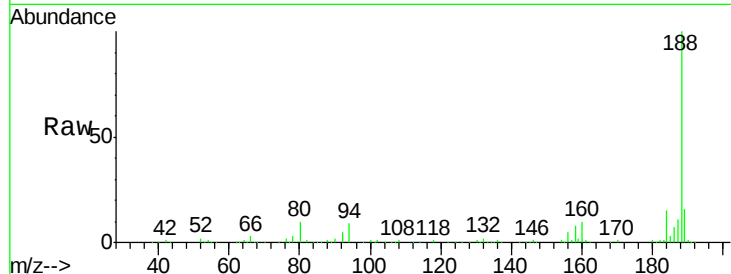




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081974.D
Acq: 2 Oct 2015 8:52

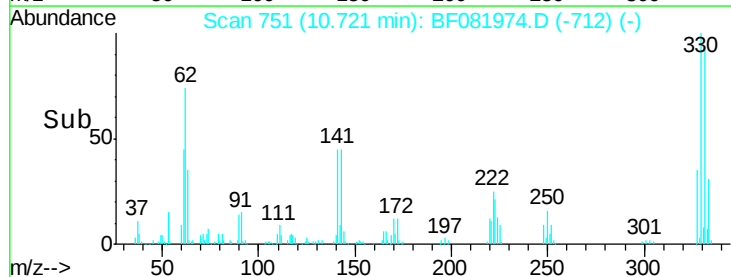
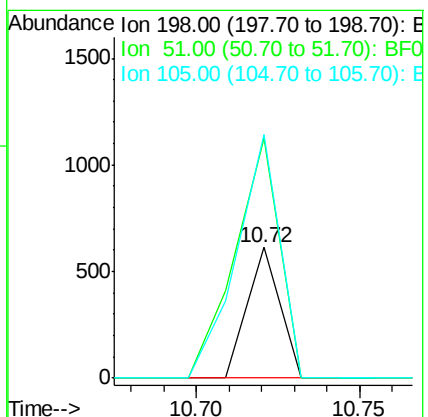
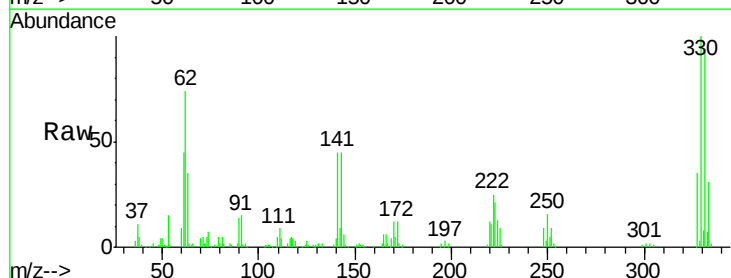
Instrument :
BNA_F
ClientSampleId :
A8-COMP

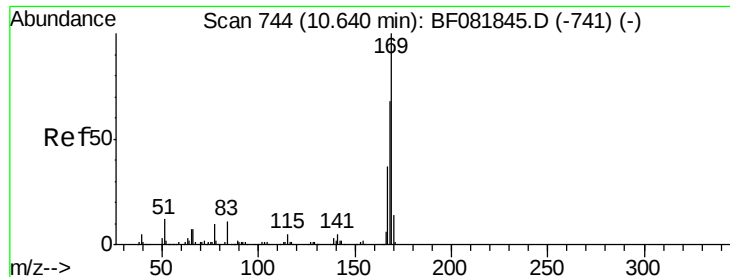
Tot Ion:188 Resp: 456444
Ion Ratio Lower Upper
188 100
94 9.2 11.1 16.7#
80 9.7 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 1.40 ng
RT: 10.72 min Scan# 751
Delta R.T. 0.15 min
Lab File: BF081974.D
Acq: 2 Oct 2015 8:52

Tgt Ion:198 Resp: 421
Ion Ratio Lower Upper
198 100
51 182.7 39.6 79.6#
105 186.0 28.5 68.5#





#65

n-Nitrosodiphenylamine

Concen: 0.64 ng

RT: 10.72 min Scan# 751

Delta R.T. 0.08 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

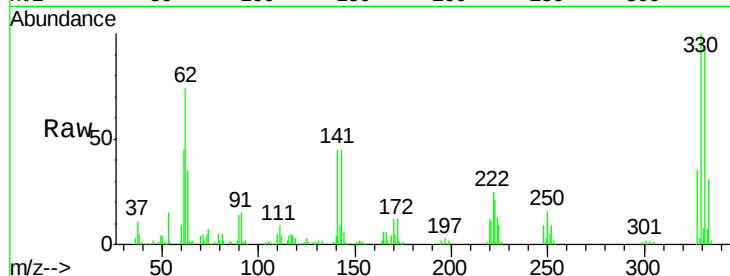
Tot Ion:169 Resp: 8773

Ion Ratio Lower Upper

169 100

168 6.9 48.9 73.3#

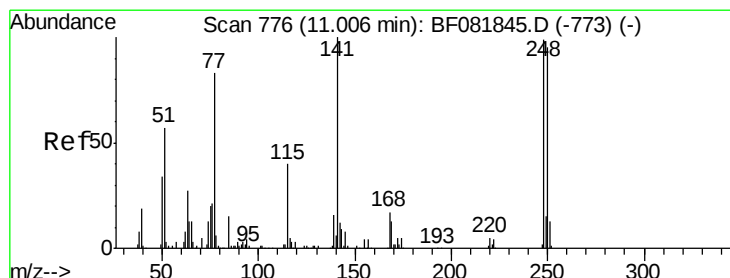
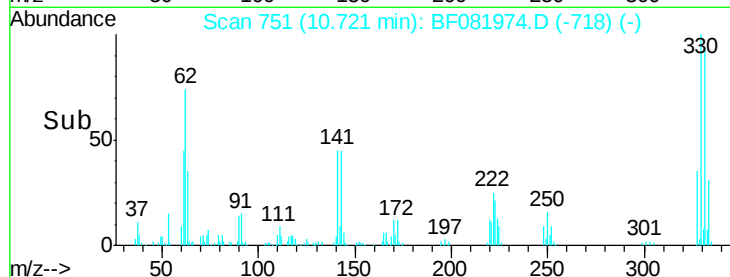
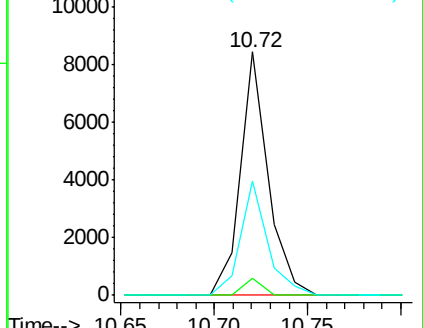
167 46.8 26.2 39.4#



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: 4.21 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

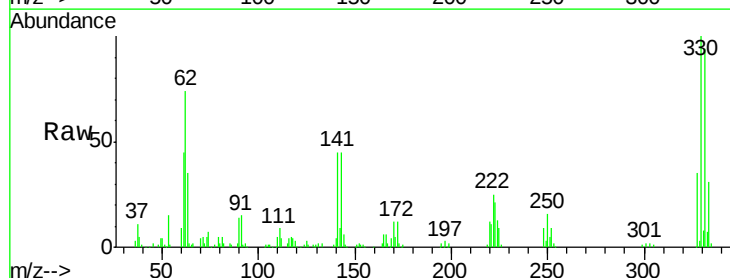
Tgt Ion:248 Resp: 19388

Ion Ratio Lower Upper

248 100

250 190.8 78.5 117.7#

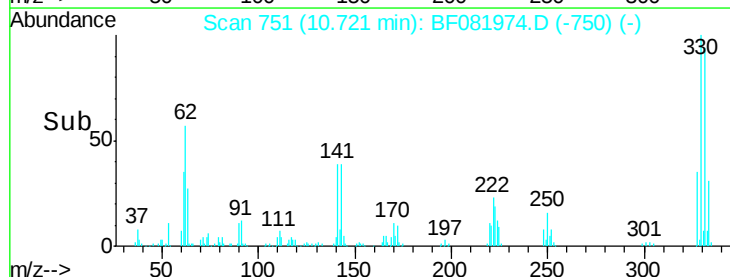
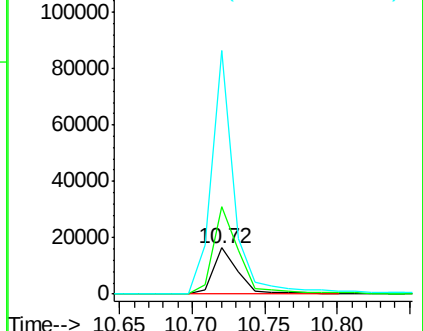
141 527.5 59.0 88.6#

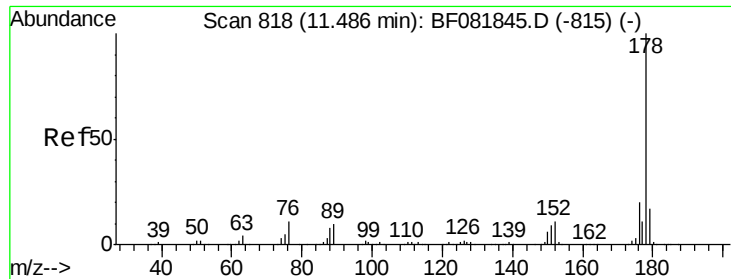


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

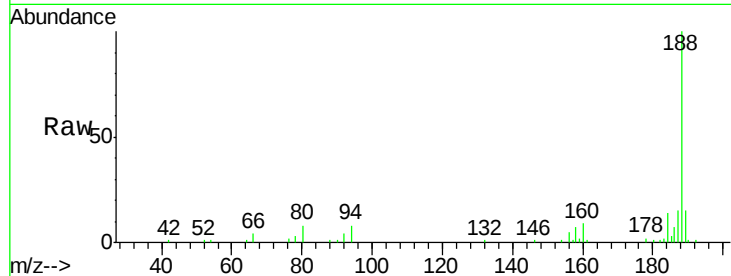
Tot Ion:178 Resp: 721

Ion Ratio Lower Upper

178 100

176 0.0 13.8 20.8#

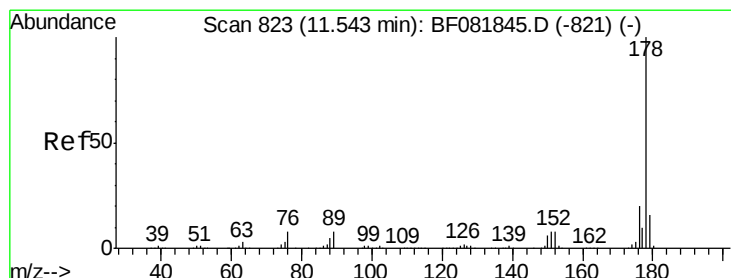
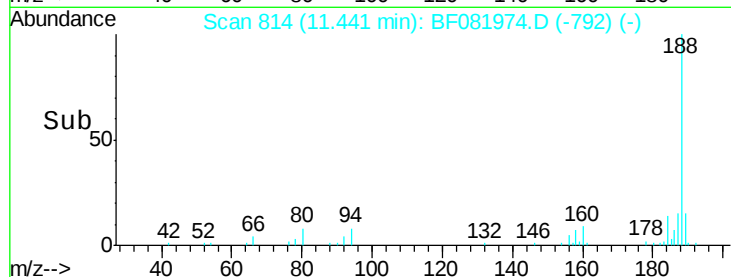
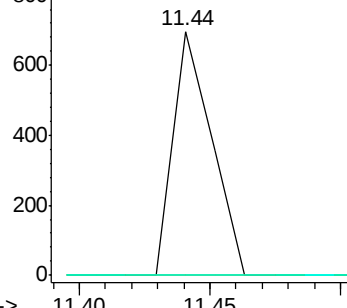
179 0.0 12.2 18.2#



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: 0.03 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.10 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

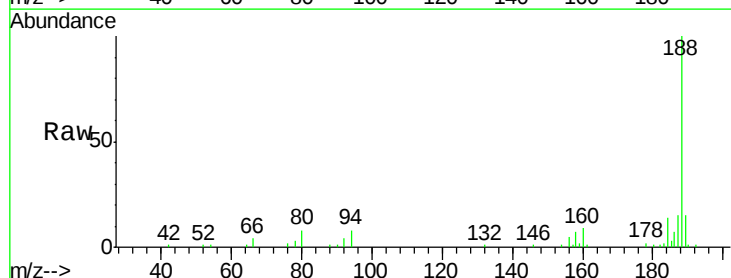
Tgt Ion:178 Resp: 721

Ion Ratio Lower Upper

178 100

176 0.0 14.1 21.1#

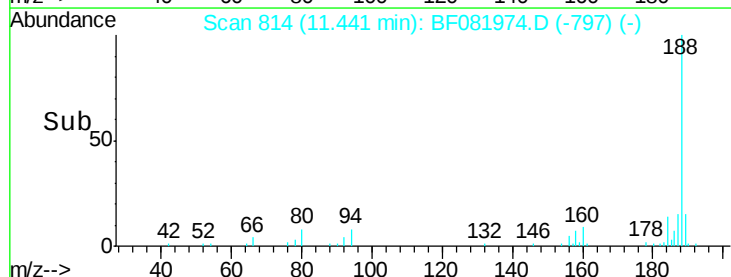
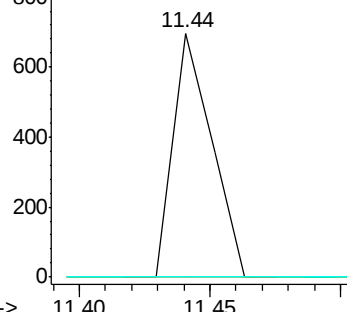
179 0.0 12.2 18.2#

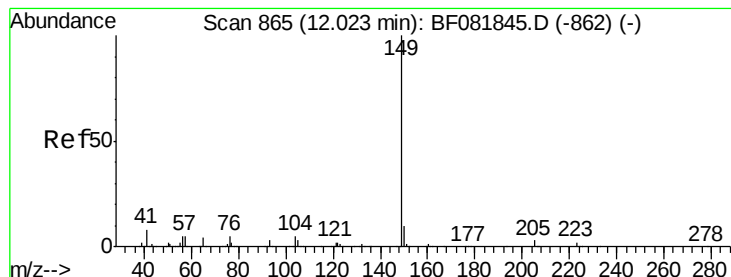


Abundance Ion 178.00 (177.70 to 178.70): E

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: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

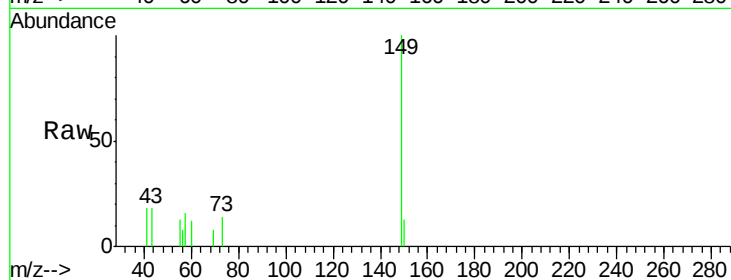
Tot Ion:149 Resp: 3426

Ion Ratio Lower Upper

149 100

150 13.1 7.4 11.2#

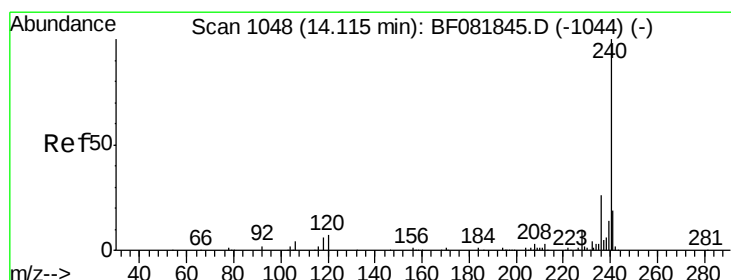
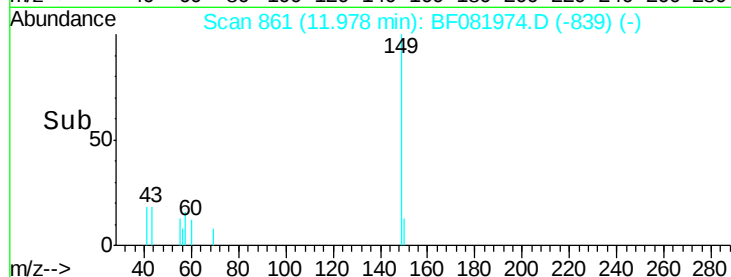
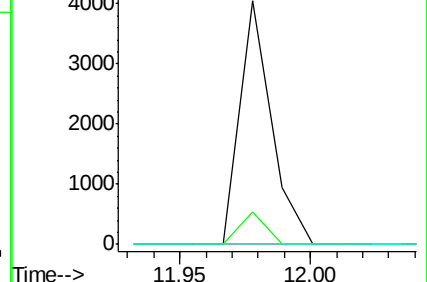
104 0.0 2.4 3.6#



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: BF081974.D

Acq: 2 Oct 2015 8:52

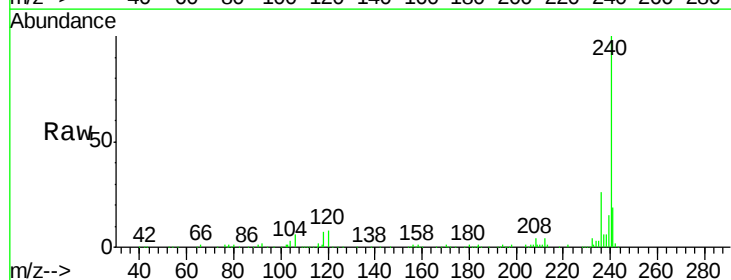
Tgt Ion:240 Resp: 377273

Ion Ratio Lower Upper

240 100

120 8.1 16.2 24.2#

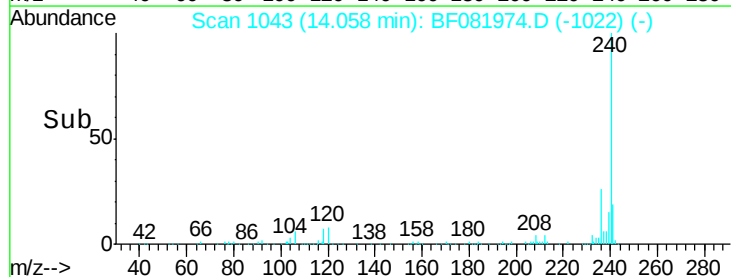
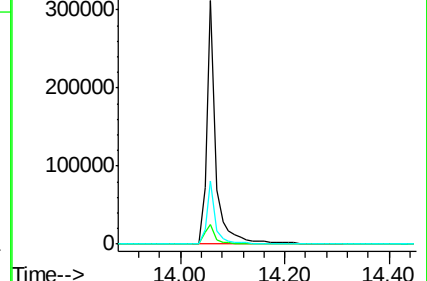
236 25.9 18.4 27.6

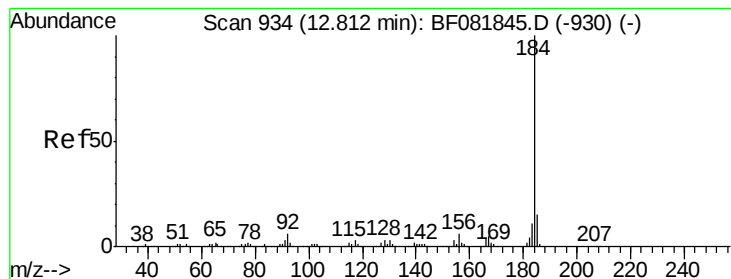


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.42 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.19 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

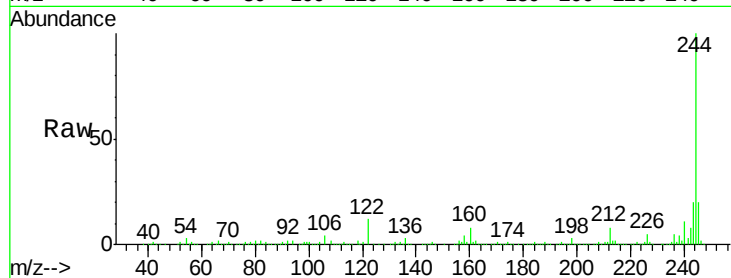
Tot Ion:184 Resp: 16194

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.6

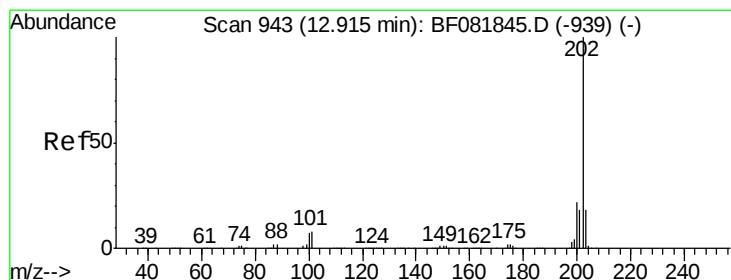
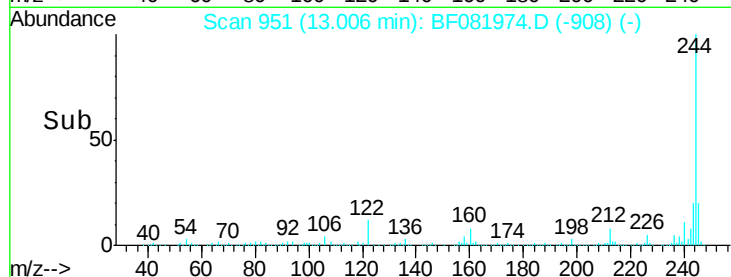
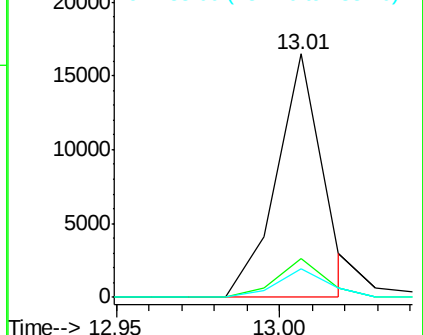
183 11.8 7.6 11.4#



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: 0.17 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.09 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

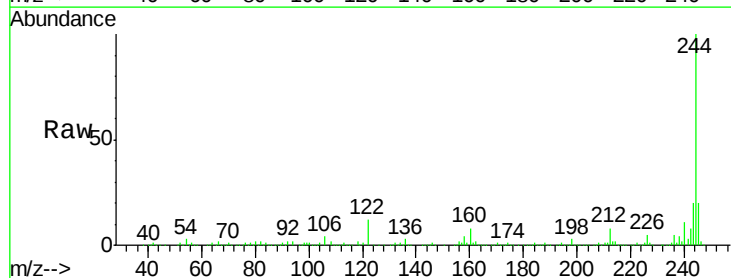
Tgt Ion:202 Resp: 3869

Ion Ratio Lower Upper

202 100

200 51.7 15.0 22.4#

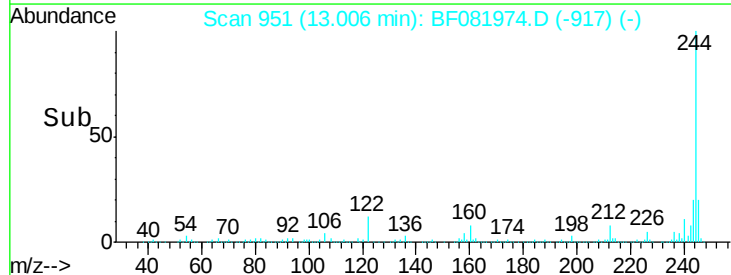
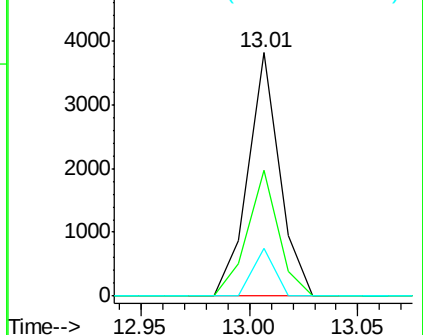
203 19.5 14.1 21.1

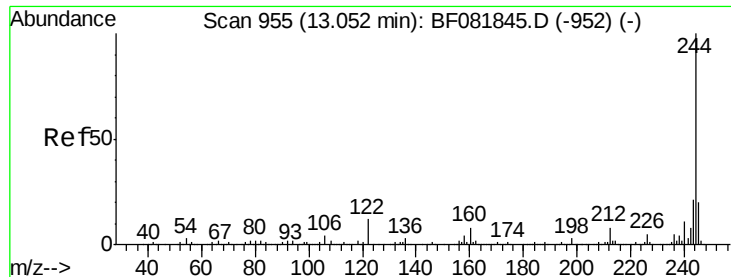


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

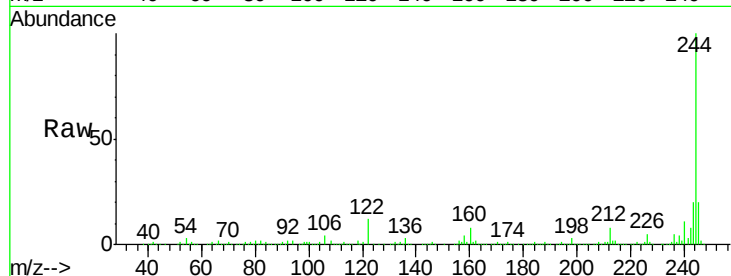




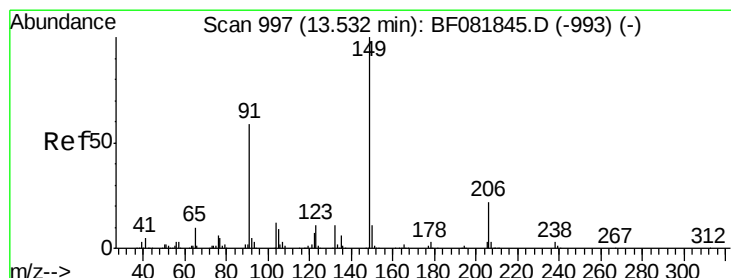
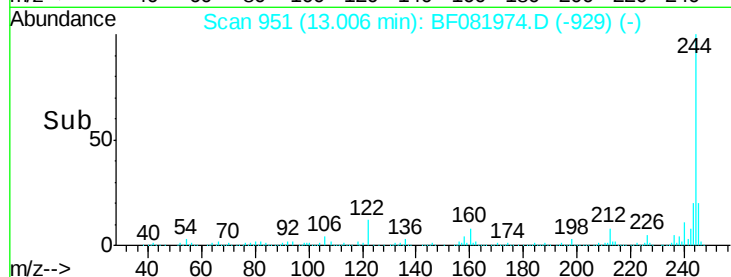
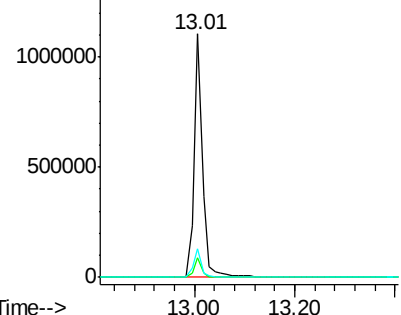
#78
 Terphenyl-d14
 Concen: 125.81 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081974.D
 Acq: 2 Oct 2015 8:52

Instrument :
 BNA_F
 ClientSampled :
 A8-COMP

Tot Ion:244 Resp: 1280653
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 11.7 17.4 26.2#

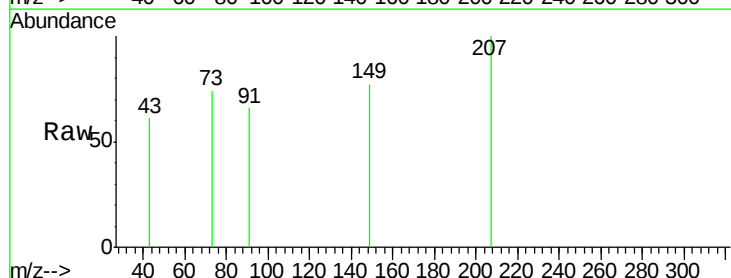


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

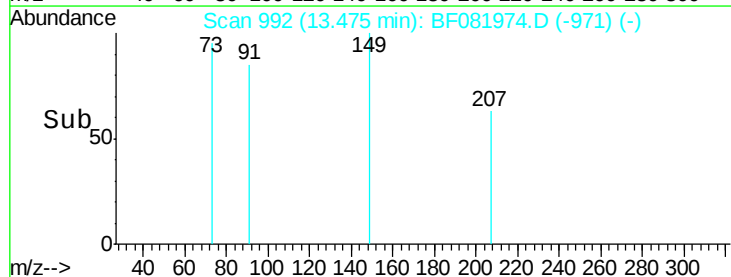
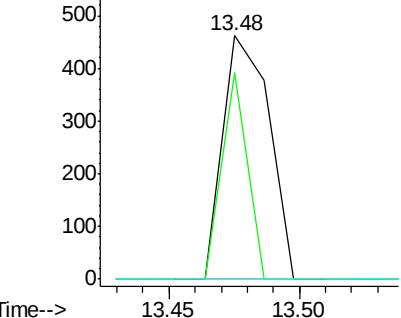


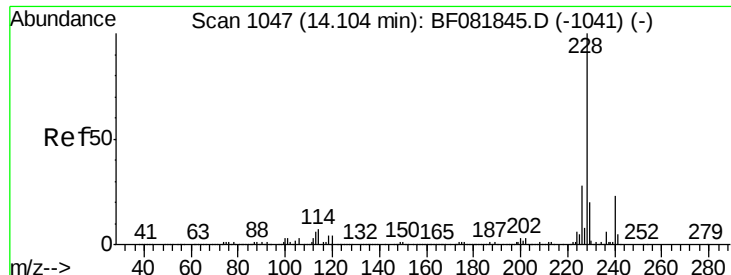
#79
 Butylbenzylphthalate
 Concen: 0.07 ng
 RT: 13.48 min Scan# 992
 Delta R.T. -0.06 min
 Lab File: BF081974.D
 Acq: 2 Oct 2015 8:52

Tgt Ion:149 Resp: 575
 Ion Ratio Lower Upper
 149 100
 91 84.8 48.6 72.8#
 206 0.0 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: 0.06 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

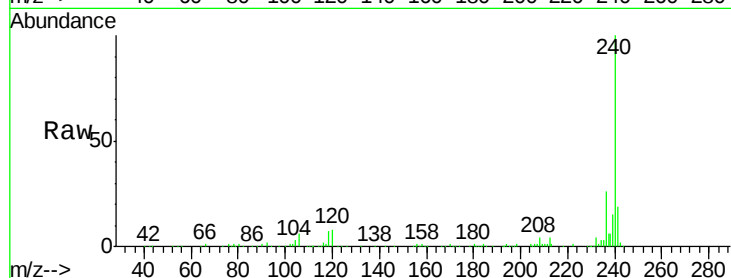
Tot Ion:228 Resp: 1205

Ion Ratio Lower Upper

228 100

226 0.0 20.0 30.0#

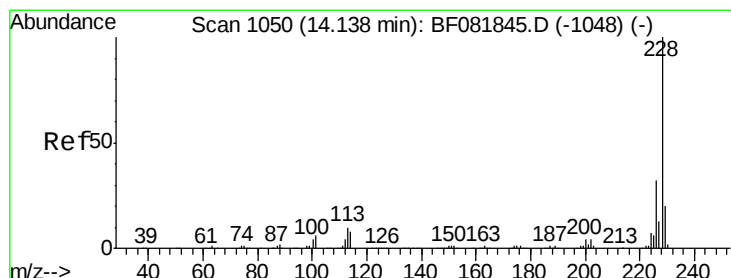
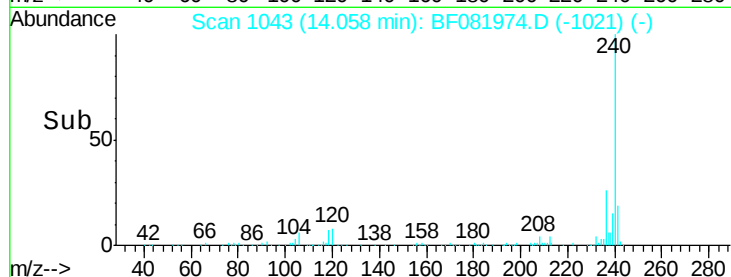
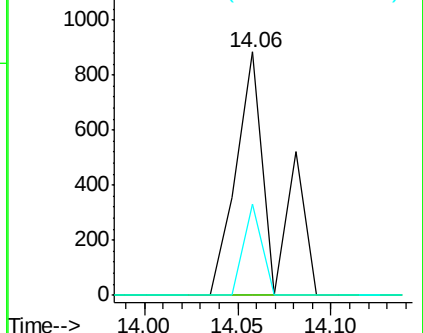
229 37.4 15.4 23.2#



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: BF081974.D

Acq: 2 Oct 2015 8:52

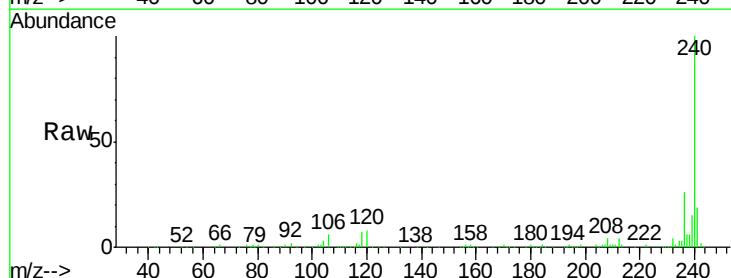
Tgt Ion:228 Resp: 1205

Ion Ratio Lower Upper

228 100

226 0.0 21.0 31.4#

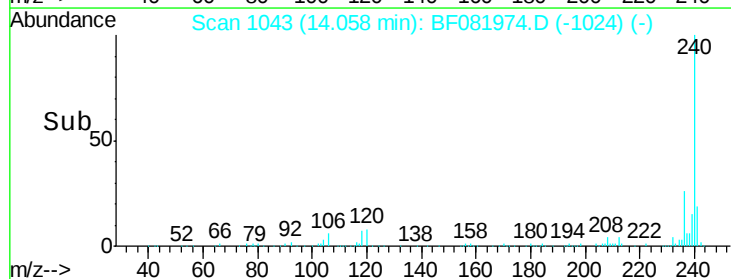
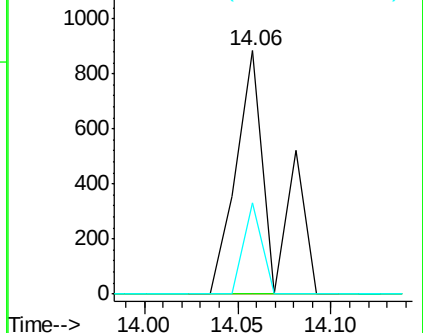
229 37.4 15.6 23.4#

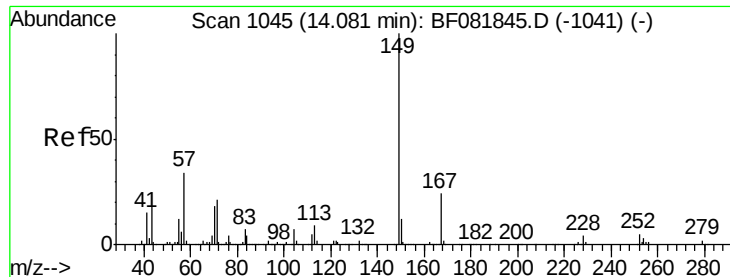


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

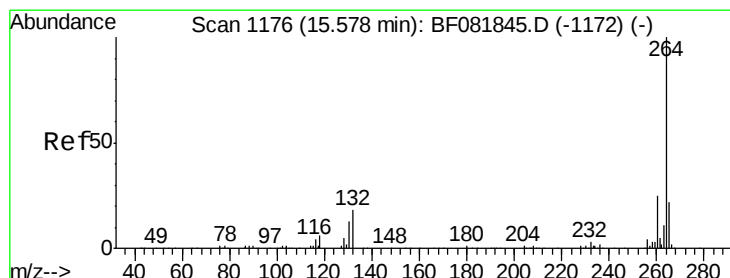
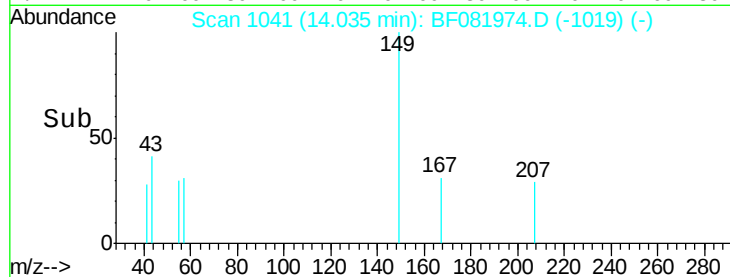
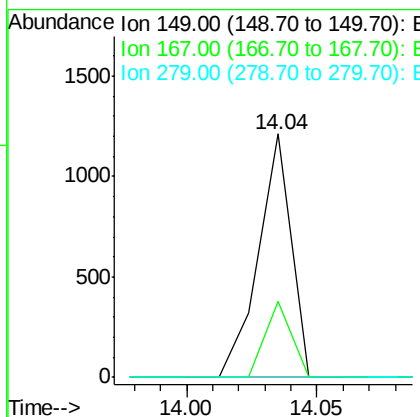
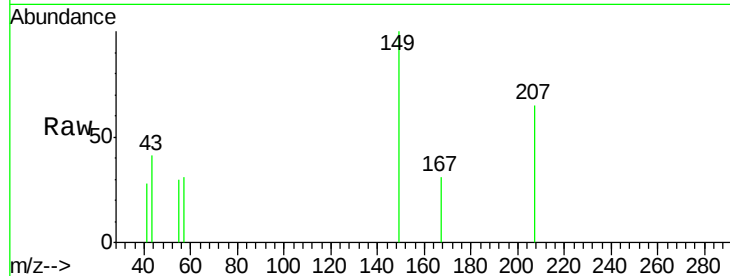




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.05 min
 Lab File: BF081974.D
 Acq: 2 Oct 2015 8:52

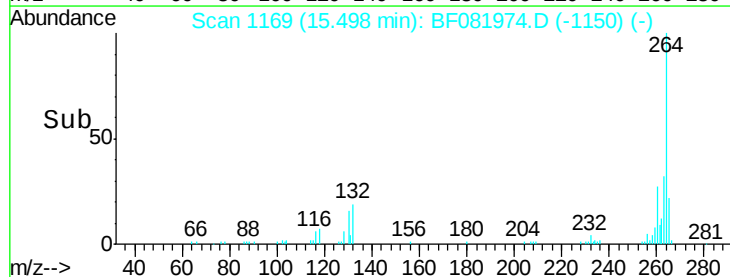
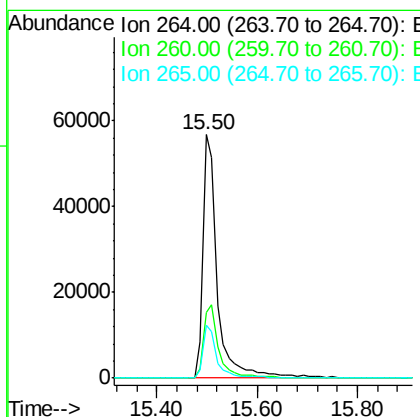
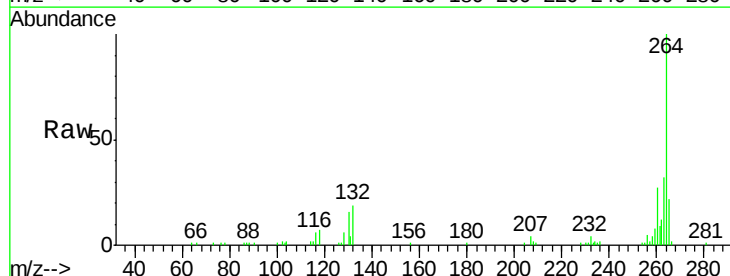
Instrument :
 BNA_F
 ClientSampleId :
 A8-COMP

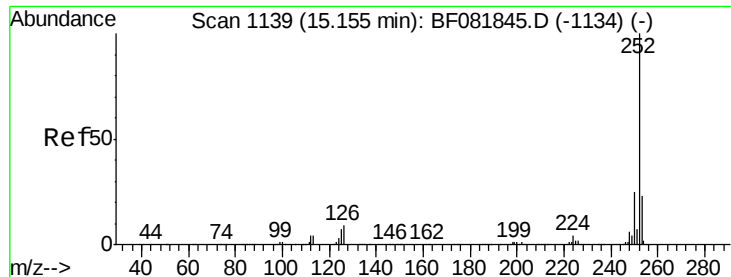
Tot Ion:149 Resp: 1051
 Ion Ratio Lower Upper
 149 100
 167 31.4 24.2 36.2
 279 0.0 3.8 5.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.08 min
 Lab File: BF081974.D
 Acq: 2 Oct 2015 8:52

Tgt Ion:264 Resp: 112909
 Ion Ratio Lower Upper
 264 100
 260 26.9 16.7 25.1#
 265 21.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 0.13 ng

RT: 15.10 min Scan# 1134

Delta R.T. -0.06 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

Instrument :

BNA_F

ClientSampleId :

A8-COMP

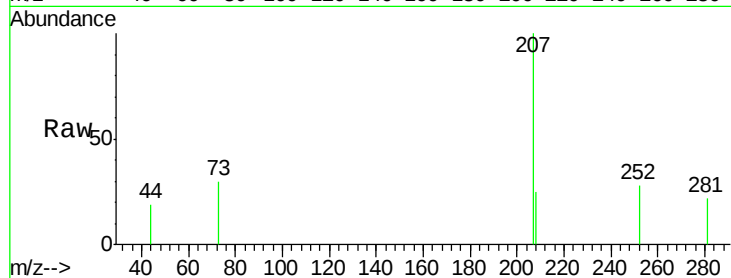
Tot Ion:252 Resp: 870

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

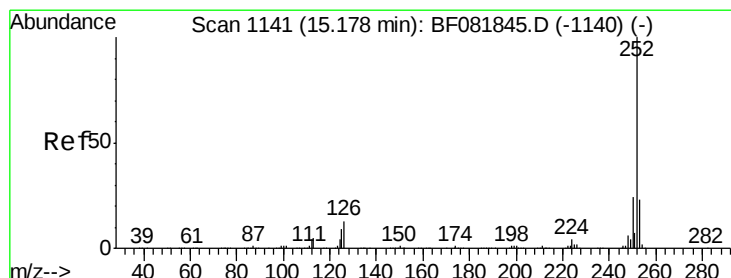
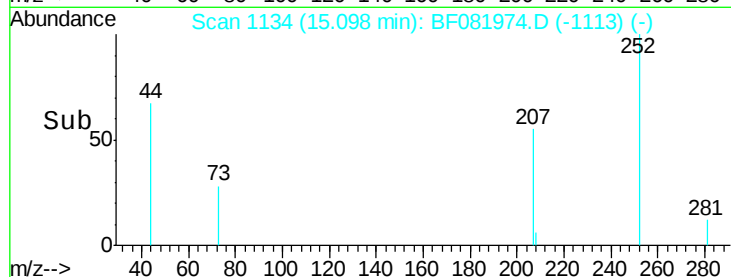
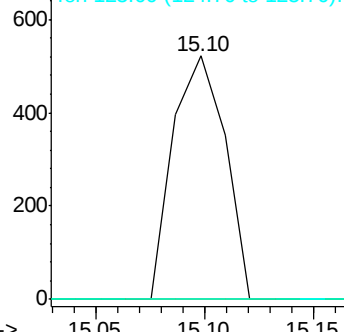
125 0.0 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.15 ng

RT: 15.10 min Scan# 1134

Delta R.T. -0.08 min

Lab File: BF081974.D

Acq: 2 Oct 2015 8:52

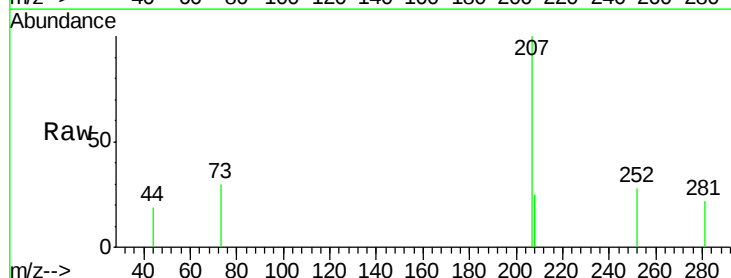
Tgt Ion:252 Resp: 870

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.4#

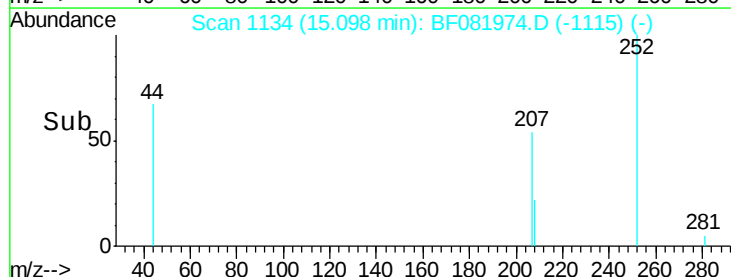
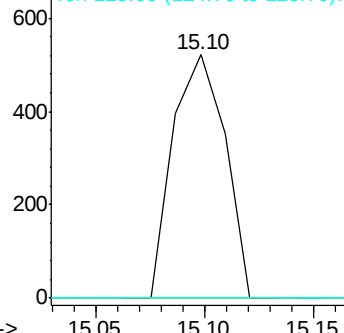
125 0.0 16.0 24.0#

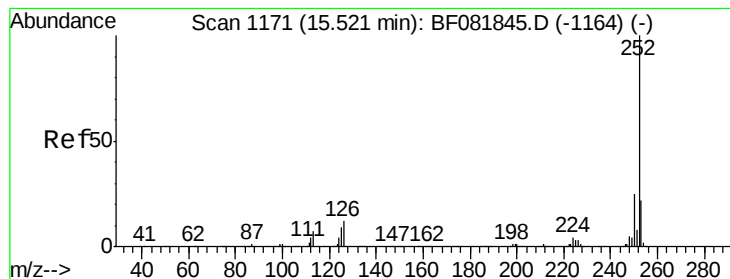


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

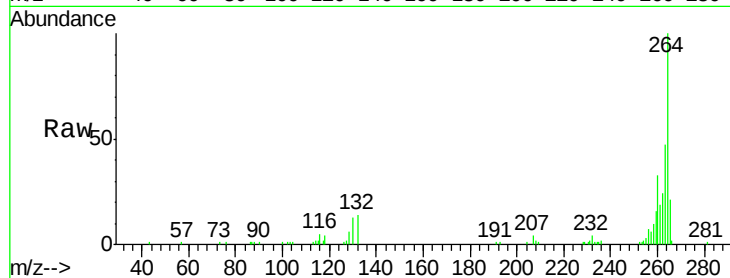




#89
 Benzo(a)pyrene
 Concen: 0.04 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF081974.D
 Acq: 2 Oct 2015 8:52

Instrument :
 BNA_F
 ClientSampleId :
 A8-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	102.3	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

