

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078896.D
 Acq On : 1 May 2015 16:54
 Operator : TP/IZ
 Sample : PB83053BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Quant Time: May 02 00:34:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 02 00:19:57 2015
 Response via : Initial Calibration

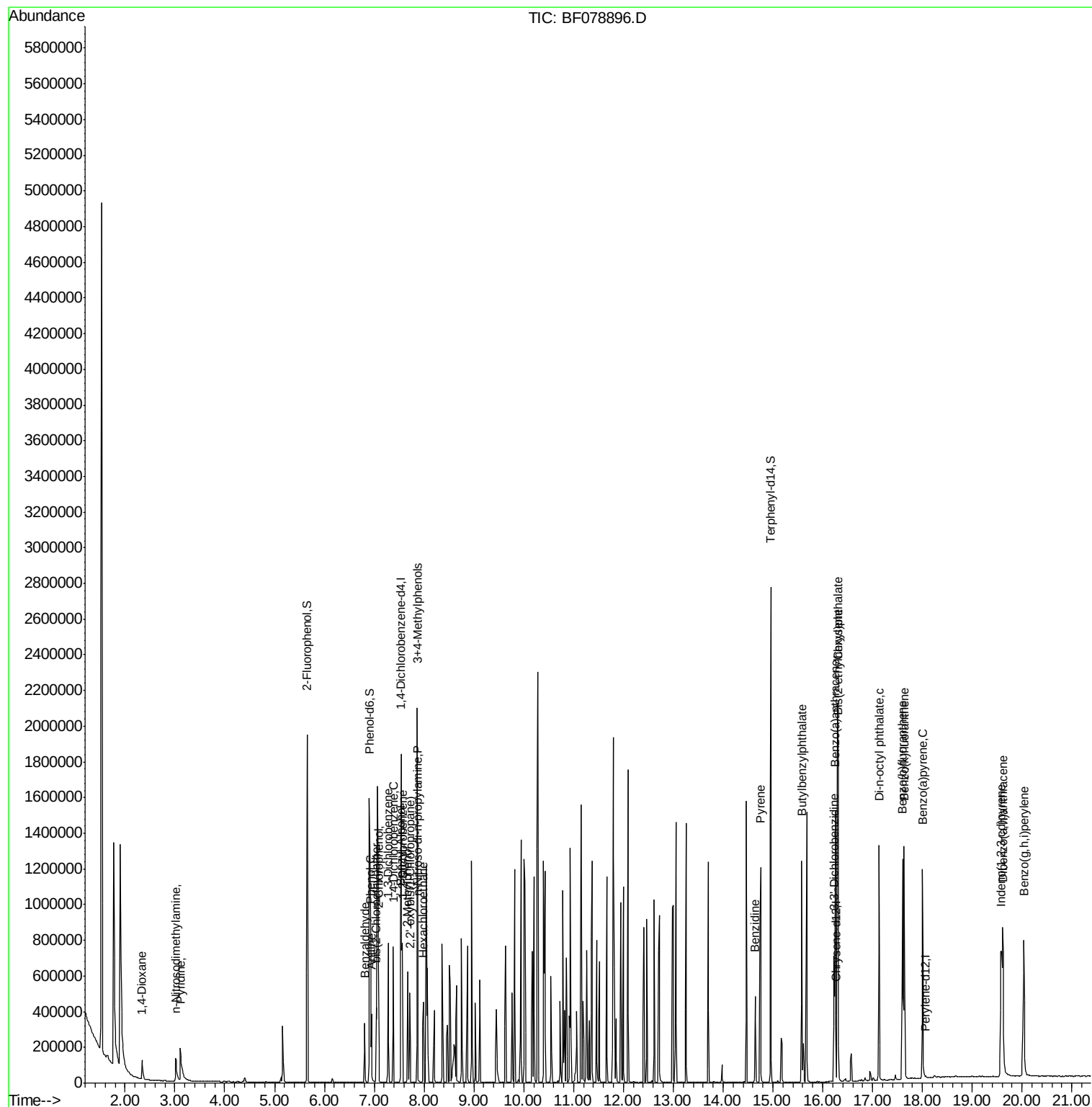
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	252136m	20.00	ng	0.18
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.94
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-11.12
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.96
75) Chrysene-d12	16.26	240	538	20.00	ng	-0.02
86) Perylene-d12	18.07	264	911	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	553609	37.80	ng	0.00
7) Phenol-d6	6.90	99	723417	37.36	ng	0.00
23) Nitrobenzene-d5	8.04	82	392092	0.00	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	218673	0.00	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	863456	0.00	ng	0.00
78) Terphenyl-d14	14.96	244	1052475	46836.04	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.34	88	57191	8.98	ng	Qvalue # 32
3) Pyridine	3.11	79	179151	9.61	ng	96
4) n-Nitrosodimethylamine	3.02	42	74577	9.34	ng	98
6) Aniline	6.95	93	167859	6.14	ng	99
8) 2-Chlorophenol	7.08	128	183074	11.02	ng	98
9) Benzaldehyde	6.81	77	77341	5.93	ng	98
10) Phenol	6.92	94	248583	11.07	ng	93
11) bis(2-Chloroethyl)ether	7.04	93	166096	10.09	ng	98
12) 1,3-Dichlorobenzene	7.28	146	188421	10.09	ng	98
13) 1,4-Dichlorobenzene	7.38	146	191762	9.98	ng	98
14) 1,2-Dichlorobenzene	7.56	146	188050	10.51	ng	99
15) Benzyl Alcohol	7.53	79	153851	10.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	266283	10.57	ng	99
17) 2-Methylphenol	7.67	107	144966	10.84	ng	96
18) Hexachloroethane	7.99	117	65796	9.94	ng	93
19) n-Nitroso-di-n-propylamine	7.87	70	134808	10.31	ng	# 83
20) 3+4-Methylphenols	7.86	107	198292	11.13	ng	89
76) Benzdine	14.64	184	240023	16553.75	ng	98
77) Pvrene	14.75	202	672316	21686.18	ng	99
79) Butylbenzylphthalate	15.58	149	311866	23012.87	ng	# 88
80) Benzo(a)anthracene	16.25	228	622603	21132.72	ng	100
81) 3,3'-Dichlorobenzidine	16.23	252	169598	16161.18	ng	# 97
82) Chrysene	16.30	228	590169	20827.51	ng	100
83) Bis(2-ethylhexyl)phthalate	16.31	149	460251	22422.51	ng	99
84) Di-n-octyl phthalate	17.13	149	791998	21908.17	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.58	276	754036	20885.22	ng	# 100
87) Benzo(b)fluoranthene	17.60	252	695159	13941.16	ng	99
88) Benzo(k)fluoranthene	17.63	252	535724	11097.97	ng	98
89) Benzo(a)pyrene	18.00	252	607932	13240.78	ng	# 96
90) Dibenzo(a,h)anthracene	19.61	278	609688	12494.50	ng	97
91) Benzo(g,h,i)perylene	20.03	276	625235	12784.17	ng	99

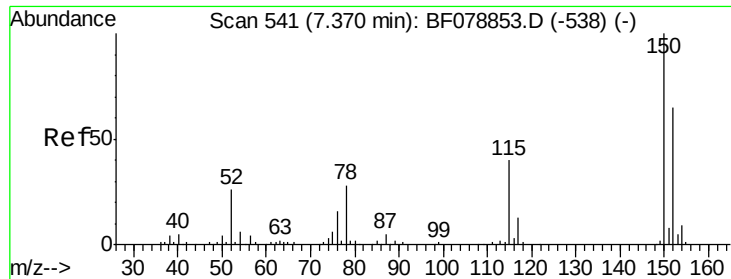
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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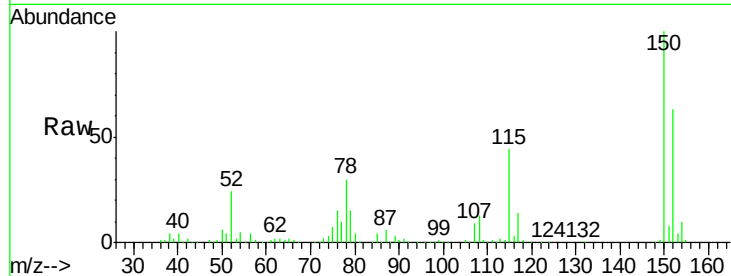


#1

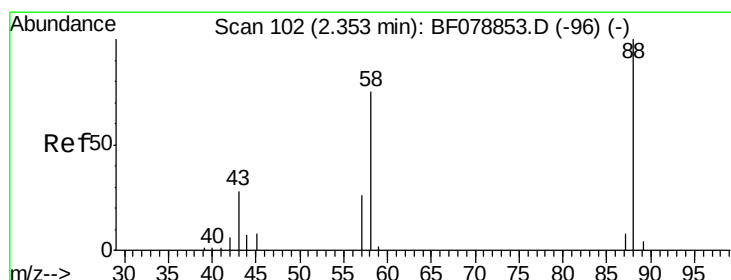
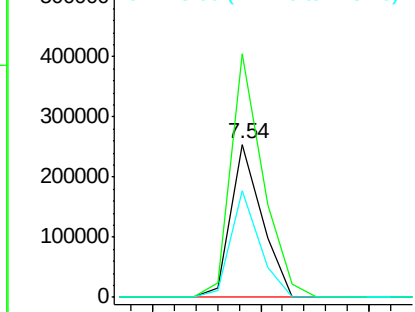
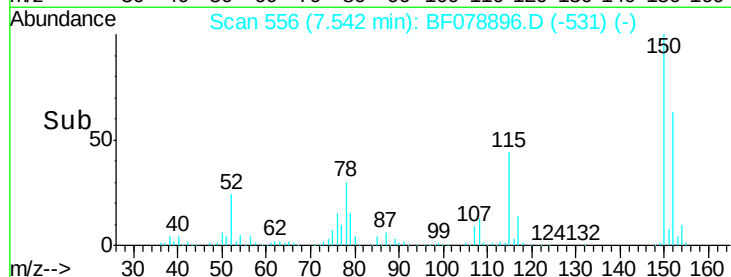
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 7.54 min Scan# 556
Delta R.T. 0.18 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

Instrument :
BNA_F
ClientSampleId :
PB83053BS

Tot Ion:152 Resp: 252136
Ion Ratio Lower Upper
152 100
150 159.0 122.0 183.0
115 69.3 46.3 69.5



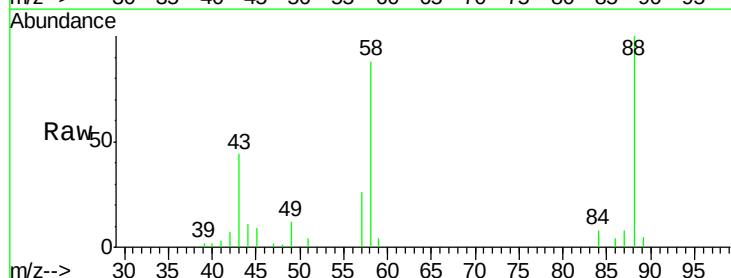
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



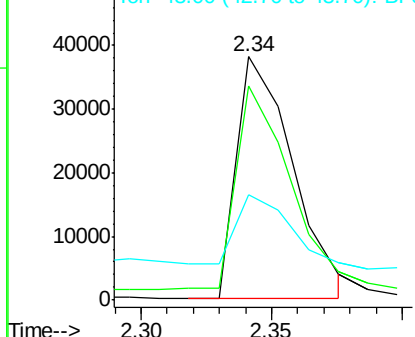
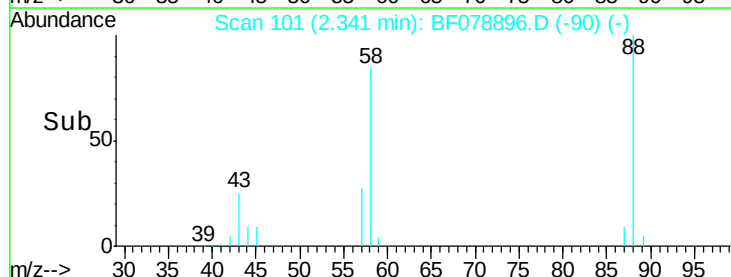
#2

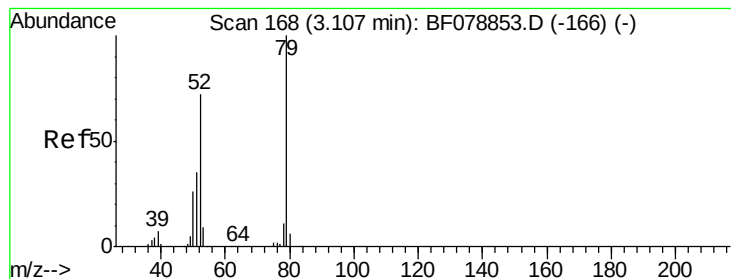
1,4-Dioxane
Concen: 8.98 ng
RT: 2.34 min Scan# 101
Delta R.T. 0.02 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

Tgt Ion: 88 Resp: 57191
Ion Ratio Lower Upper
88 100
58 80.3 0.0 0.0#
43 26.4 3.3 4.9#



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





#3

Pvridine

Concen: 9.61 ng

RT: 3.11 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

Instrument :

BNA_F

ClientSampleId :

PB83053BS

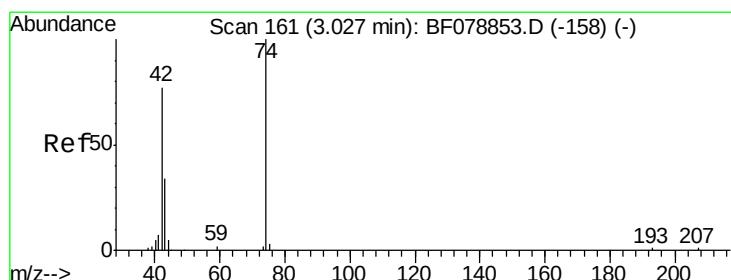
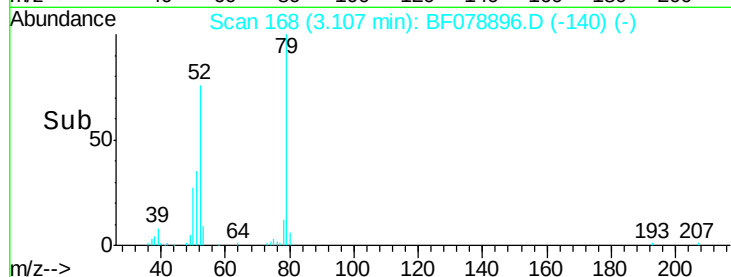
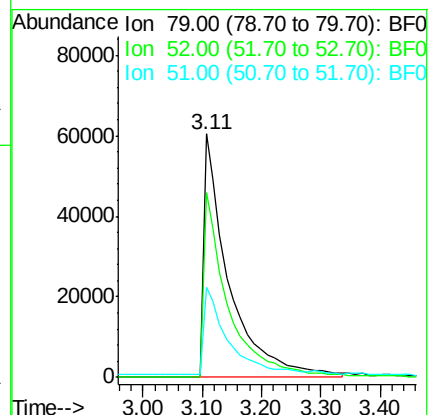
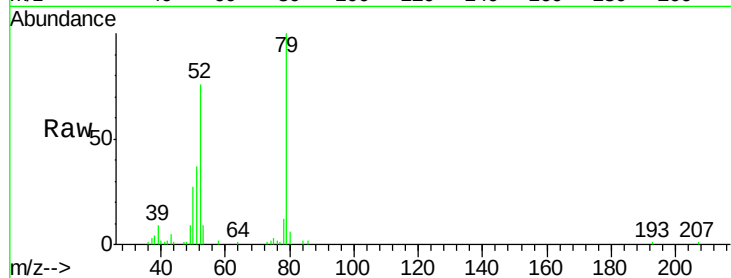
Tot Ion: 79 Resp: 179151

Ion Ratio Lower Upper

79 100

52 75.8 57.2 85.8

51 36.8 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 9.34 ng

RT: 3.02 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

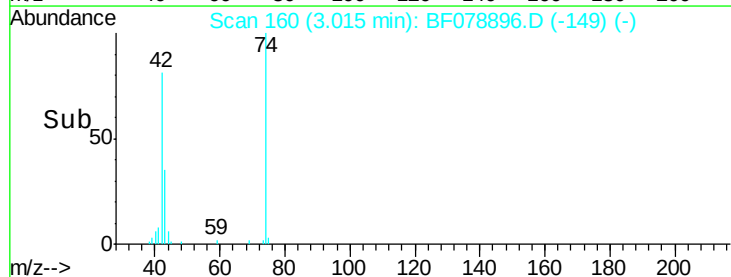
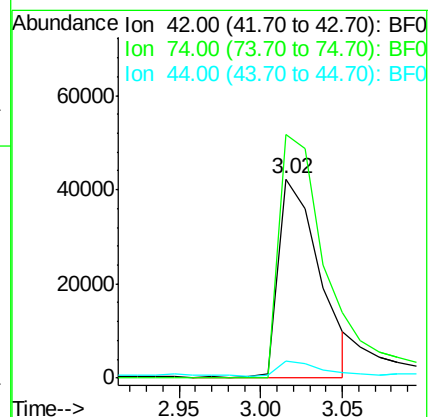
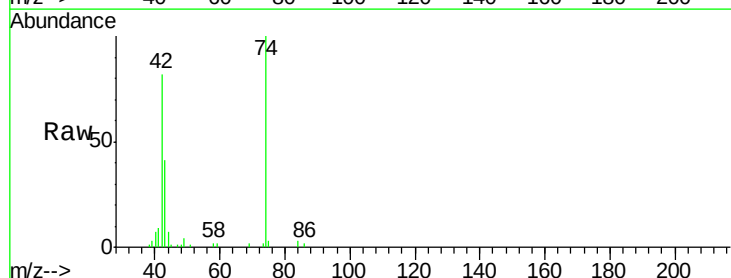
Tgt Ion: 42 Resp: 74577

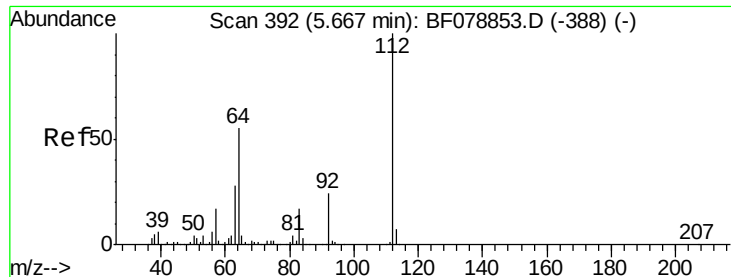
Ion Ratio Lower Upper

42 100

74 122.4 96.5 144.7

44 8.8 6.1 9.1





#5

2-Fluorophenol

Concen: 37.80 ng

RT: 5.66 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

Instrument :

BNA_F

ClientSampleId :

PB83053BS

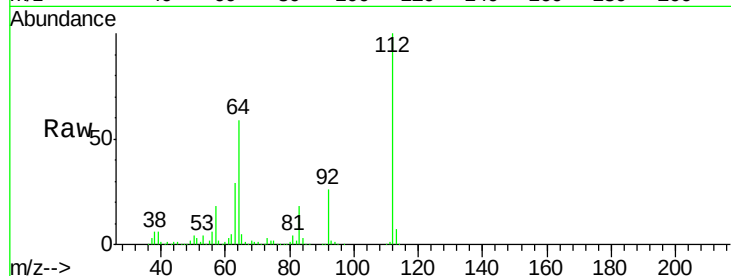
Tot Ion:112 Resp: 553609

Ion Ratio Lower Upper

112 100

64 58.9 53.5 80.3

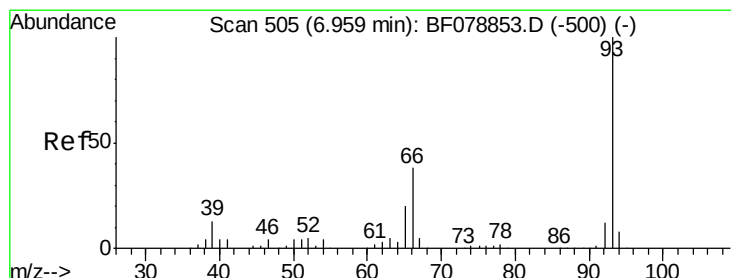
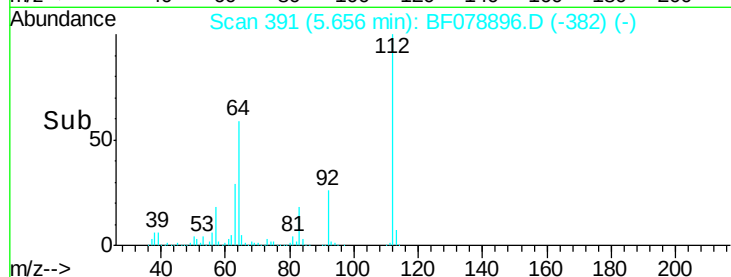
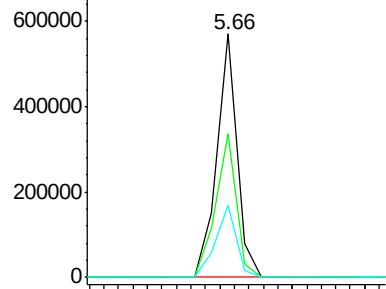
63 29.4 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.14 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

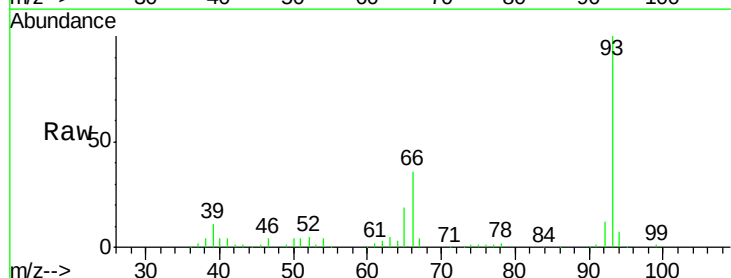
Tgt Ion: 93 Resp: 167859

Ion Ratio Lower Upper

93 100

66 36.4 29.7 44.5

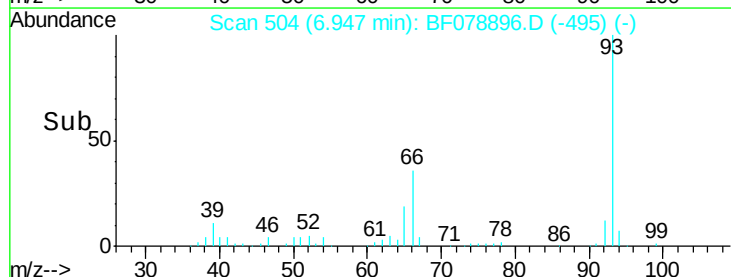
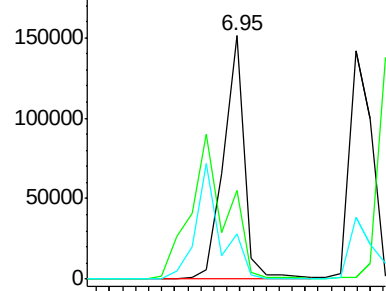
65 18.7 14.6 22.0

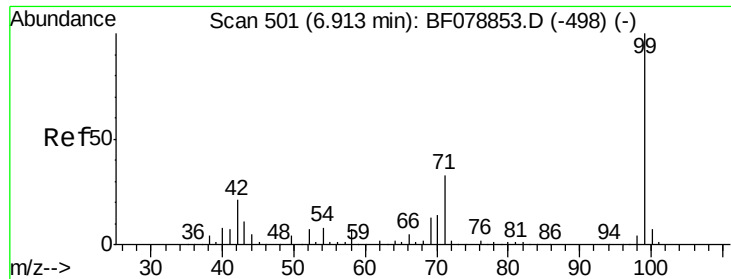


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 37.36 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

Instrument :

BNA_F

ClientSampleId :

PB83053BS

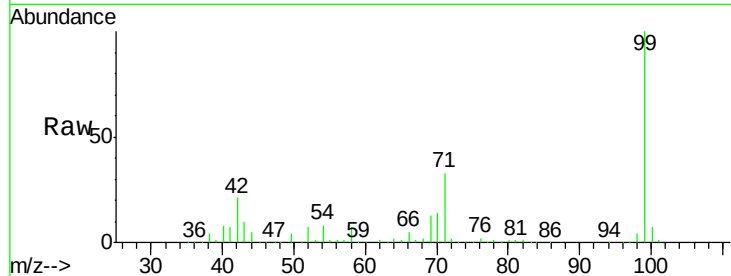
Tot Ion: 99 Resp: 723417

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

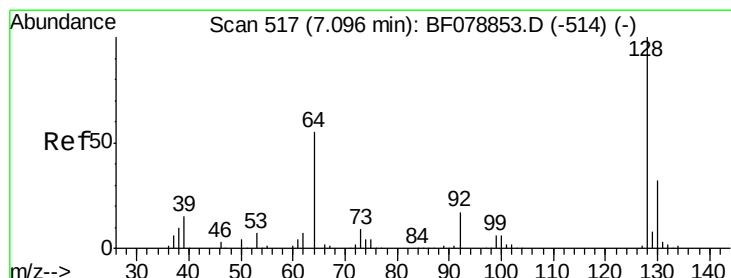
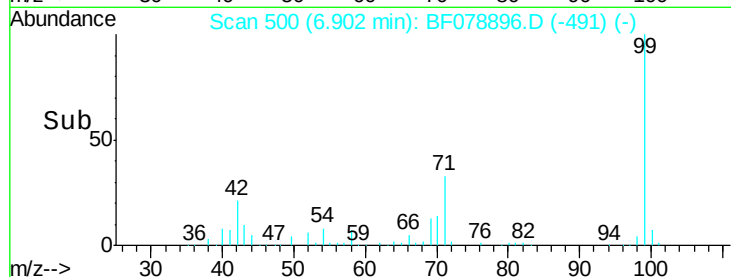
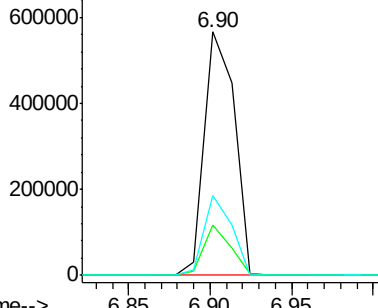
71 32.6 23.4 35.2



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: 11.02 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

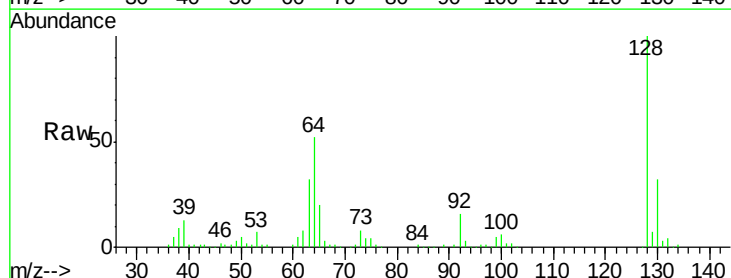
Tgt Ion: 128 Resp: 183074

Ion Ratio Lower Upper

128 100

130 31.7 12.1 52.1

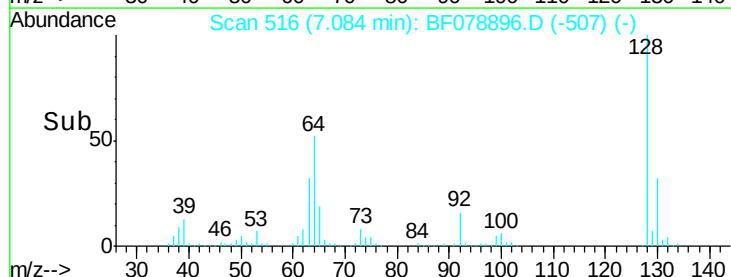
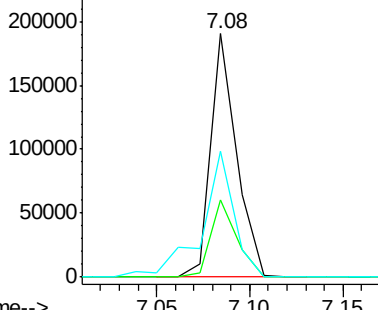
64 51.7 29.6 69.6

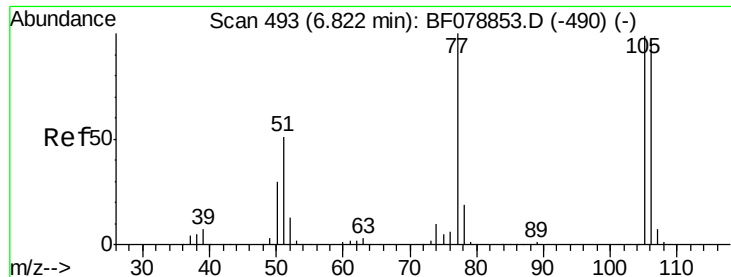


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.93 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

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ClientSampleId :

PB83053BS

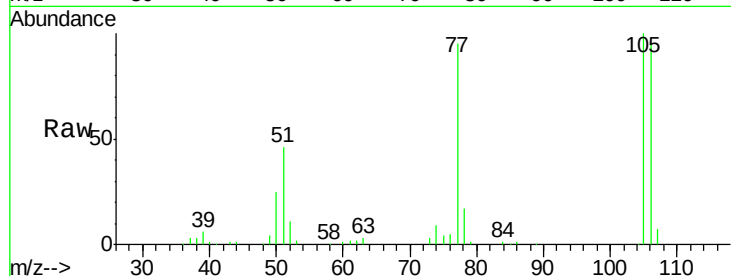
Tot Ion: 77 Resp: 77341

Ion Ratio Lower Upper

77 100

105 105.0 81.7 121.7

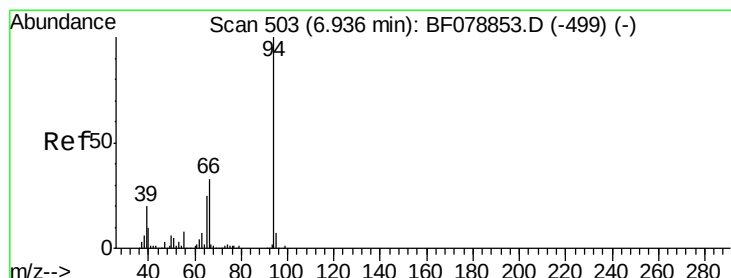
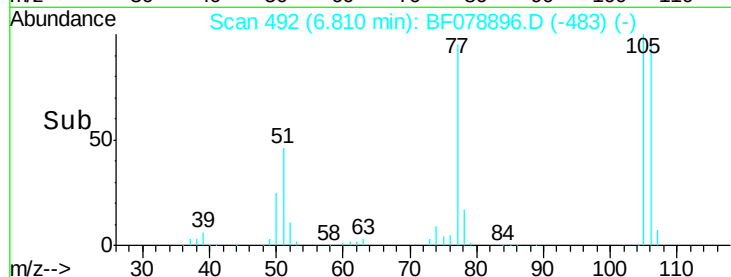
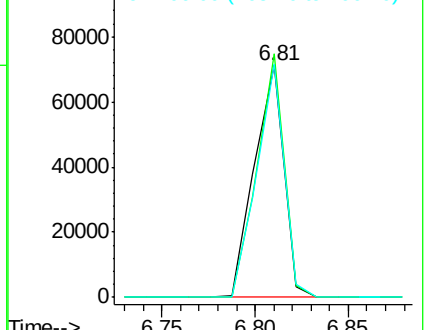
106 100.5 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 11.07 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

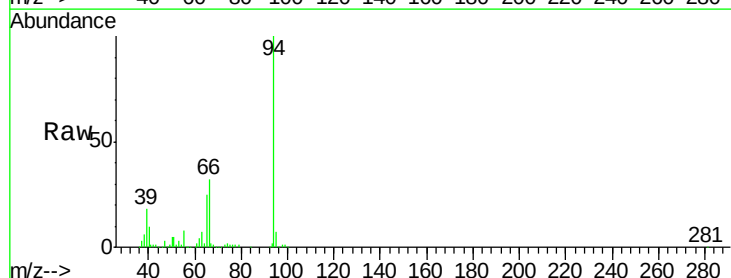
Tgt Ion: 94 Resp: 248583

Ion Ratio Lower Upper

94 100

65 25.3 8.5 48.5

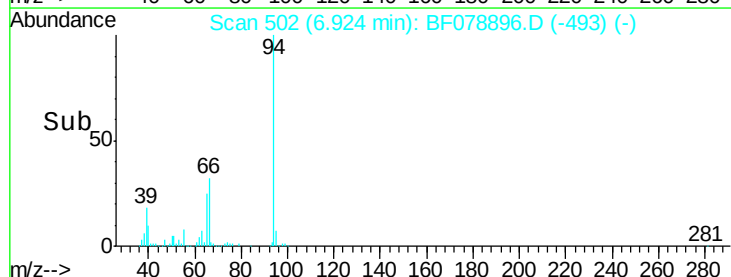
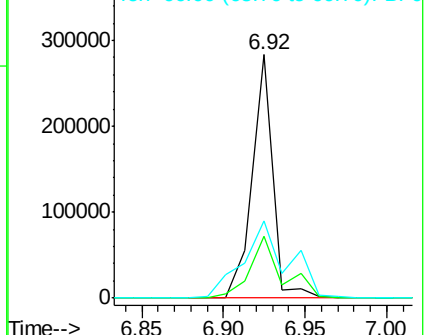
66 31.8 16.0 56.0

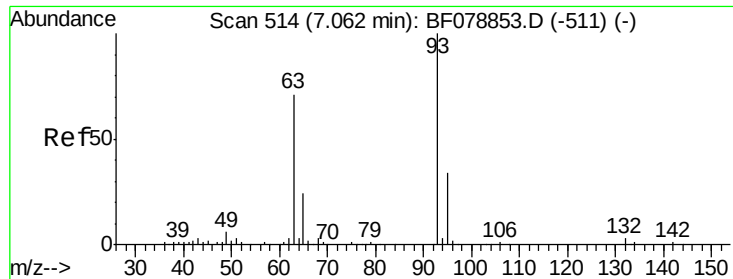


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 10.09 ng

RT: 7.04 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

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PB83053BS

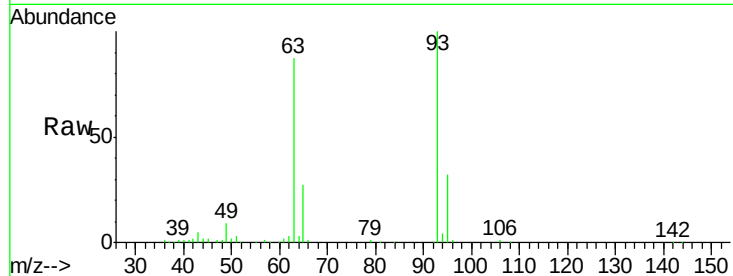
Tot Ion: 93 Resp: 166096

Ion Ratio Lower Upper

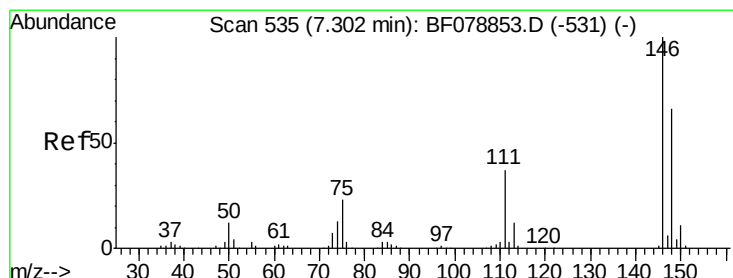
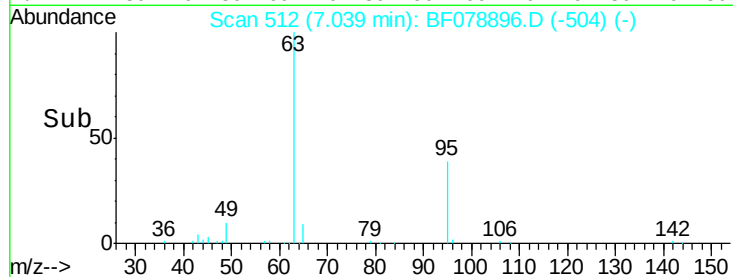
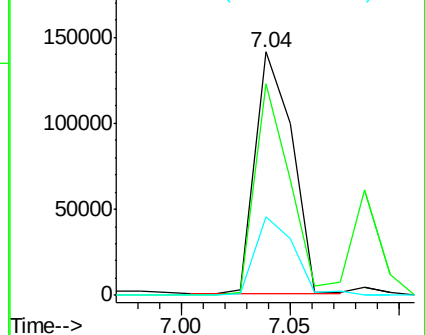
93 100

63 87.0 64.8 104.8

95 32.0 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 10.09 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

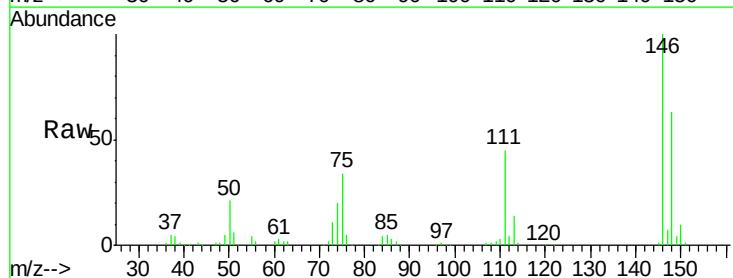
Tgt Ion: 146 Resp: 188421

Ion Ratio Lower Upper

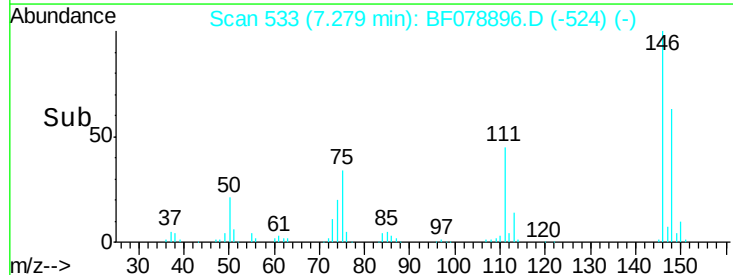
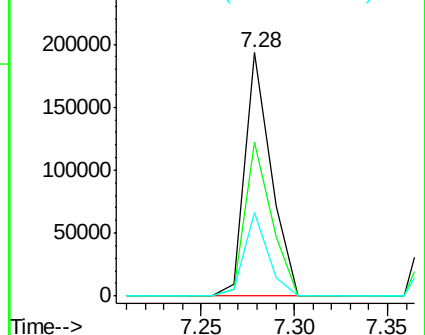
146 100

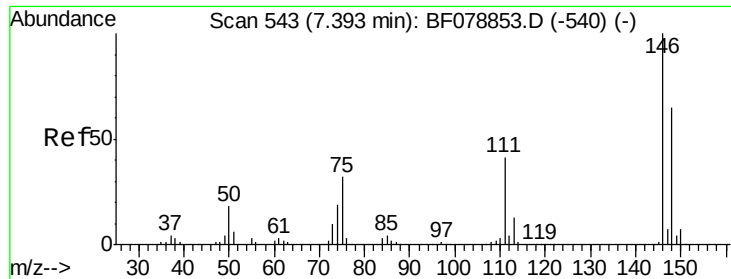
148 63.1 50.2 75.2

75 34.2 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

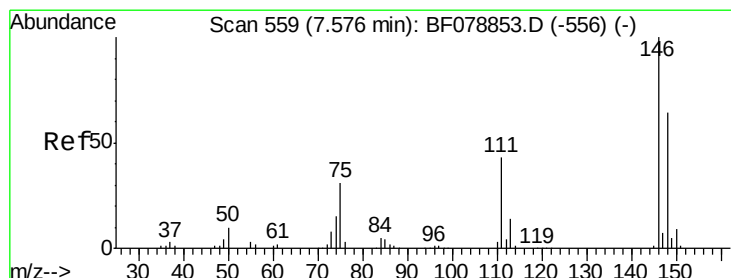
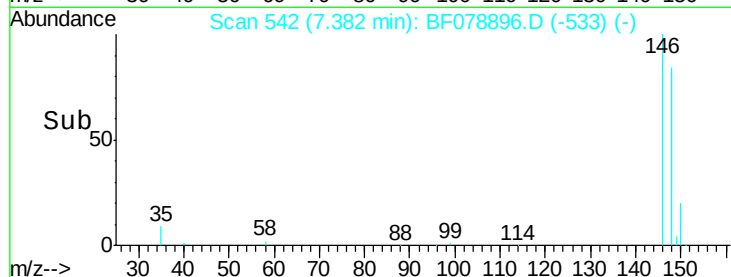
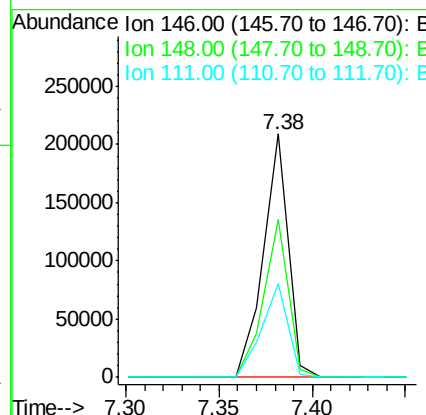
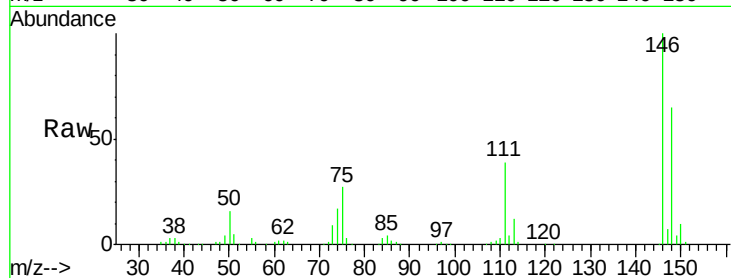




#13
 1,4-Dichlorobenzene
 Concen: 9.98 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

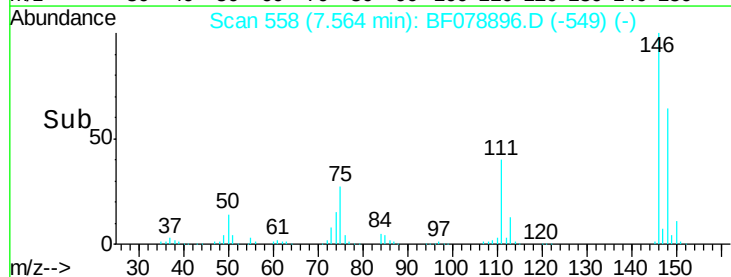
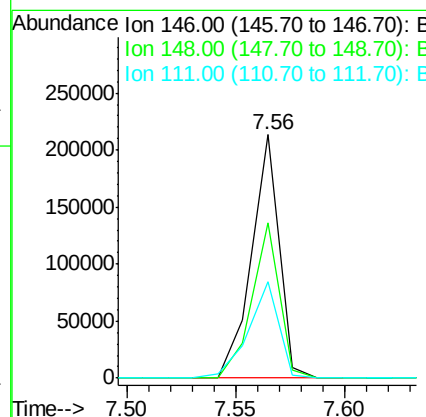
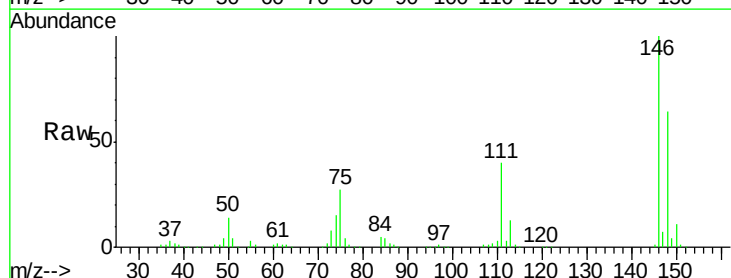
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

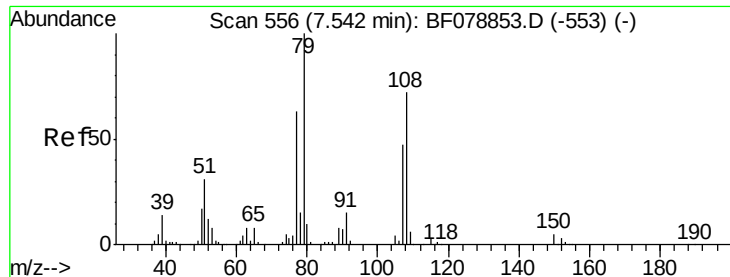
Tot Ion:146 Resp: 191762
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.8 79.2
 111 38.7 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 10.51 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

Tgt Ion:146 Resp: 188050
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.2 76.8
 111 39.8 33.3 49.9





#15

Benzyl Alcohol

Concen: 10.70 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

Instrument :

BNA_F

ClientSampleId :

PB83053BS

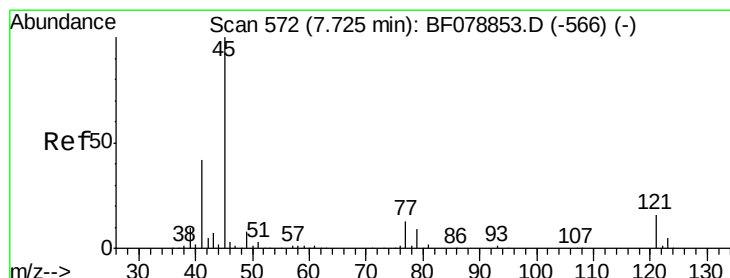
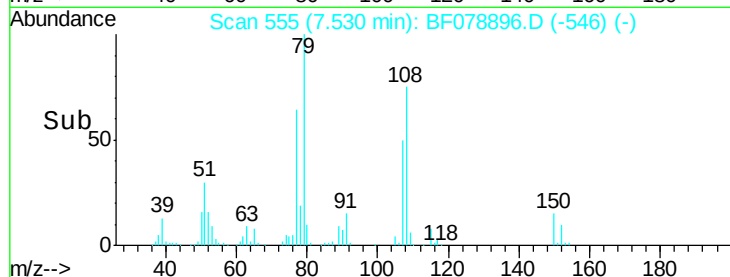
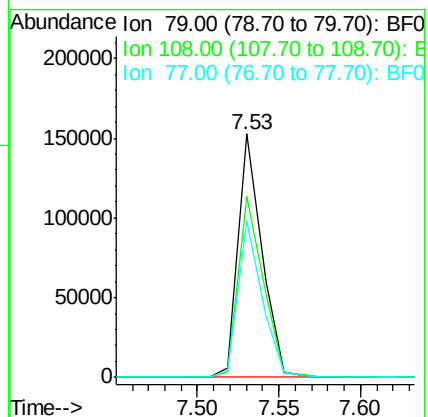
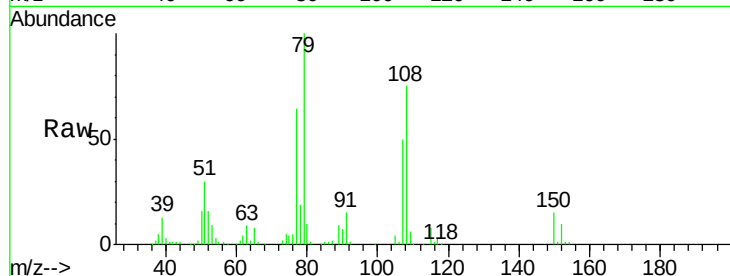
Tot Ion: 79 Resp: 153851

Ion Ratio Lower Upper

79 100

108 74.5 62.5 93.7

77 64.4 52.2 78.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.57 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

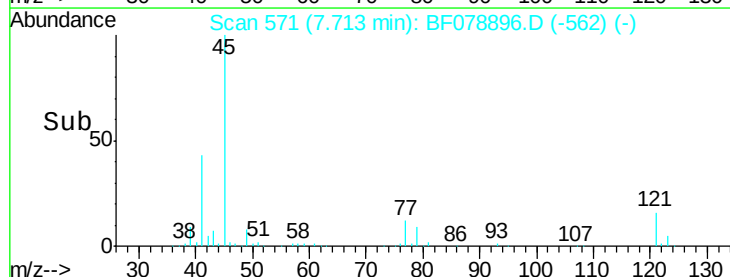
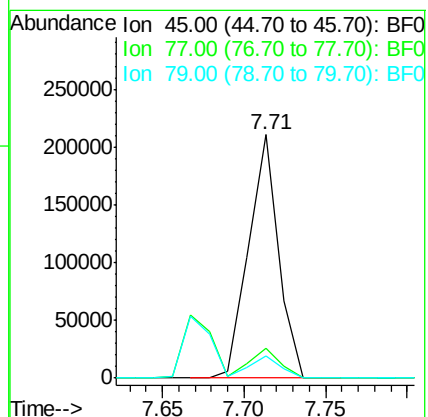
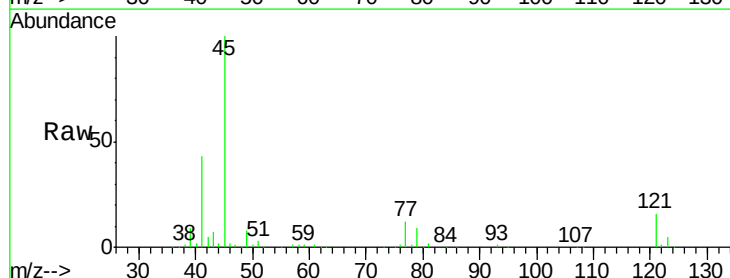
Tgt Ion: 45 Resp: 266283

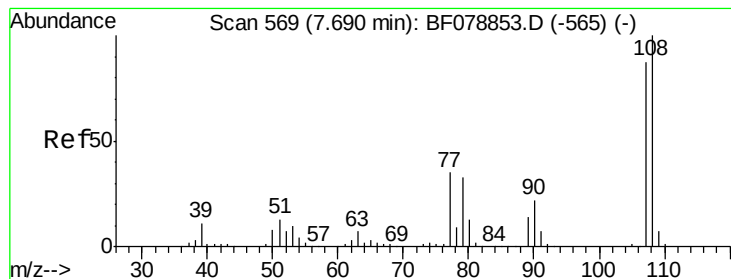
Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.3

79 9.4 0.0 30.1

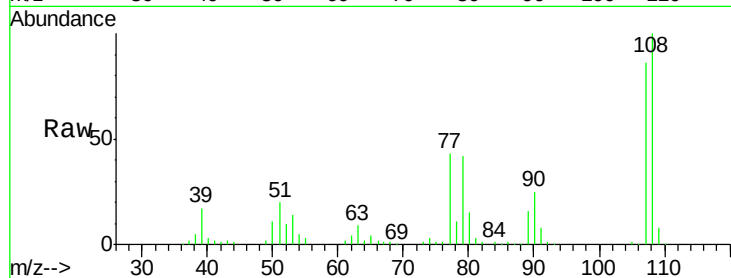




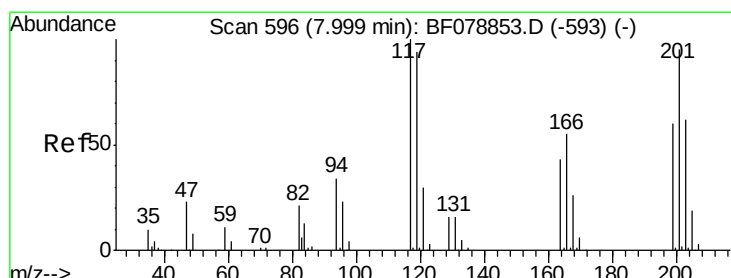
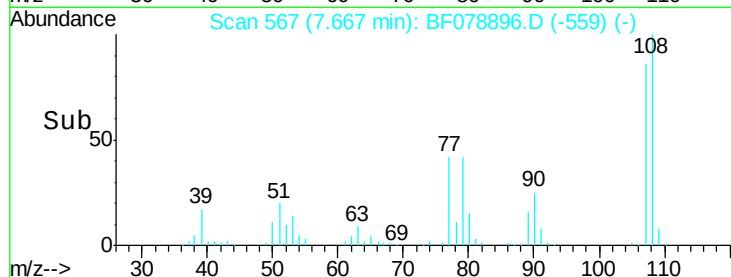
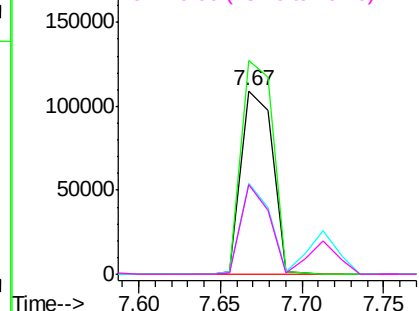
#17
2-Methylphenol
Concen: 10.84 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

Instrument :
BNA_F
ClientSampleId :
PB83053BS

Tot Ion:	107	Resp:	144966
Ion	Ratio	Lower	Upper
107	100		
108	116.4	94.9	142.3
77	49.5	36.2	54.4
79	49.0	35.2	52.8

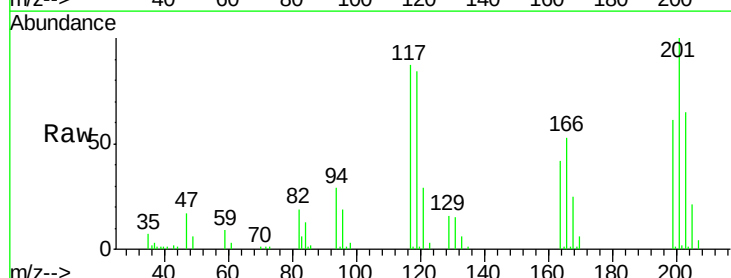


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

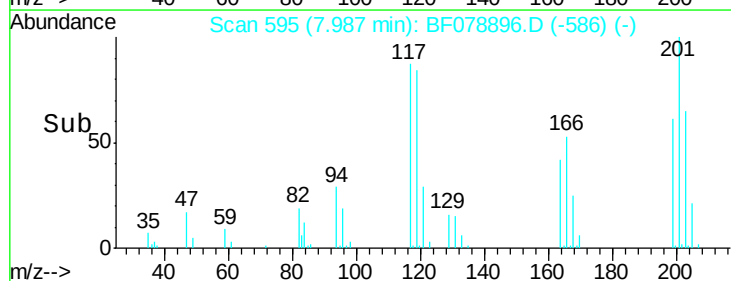
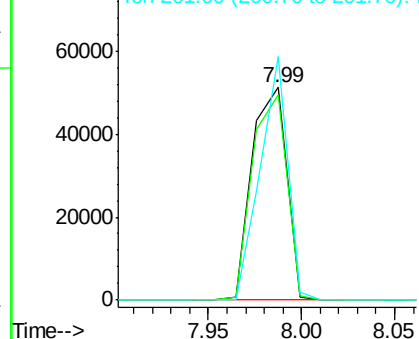


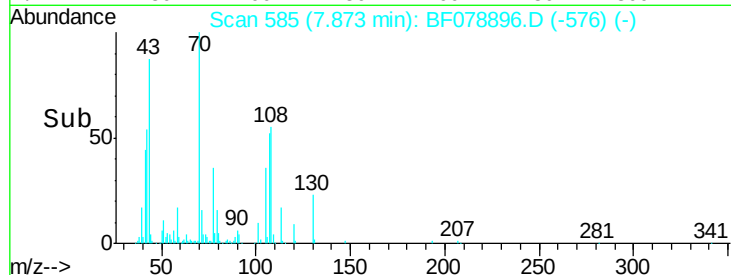
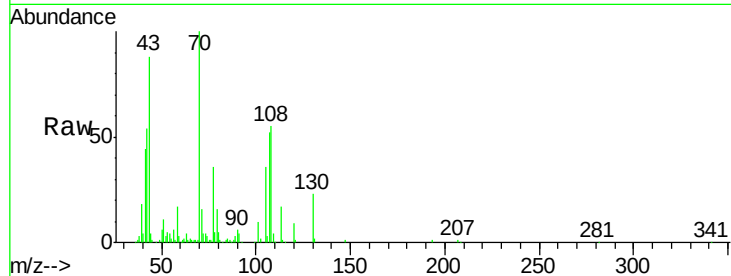
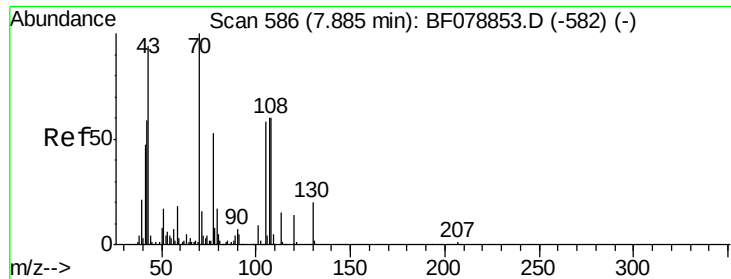
#18
Hexachloroethane
Concen: 9.94 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

Tgt Ion:	117	Resp:	65796
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
201	114.5	83.2	124.8



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

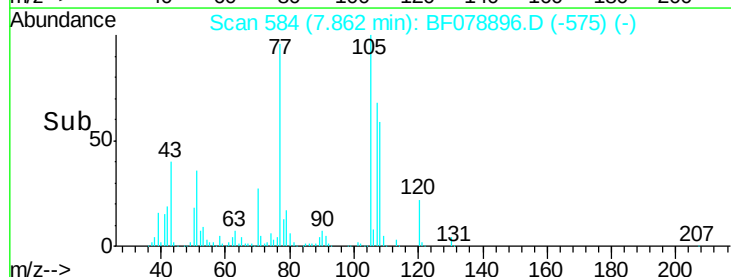
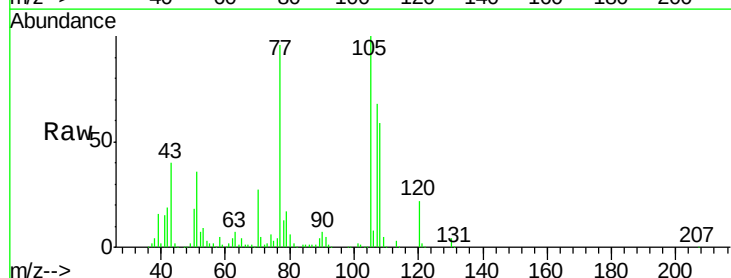
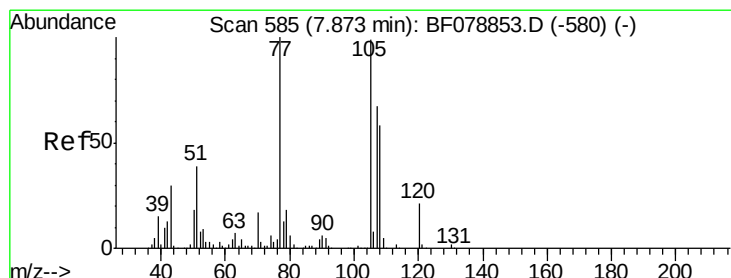
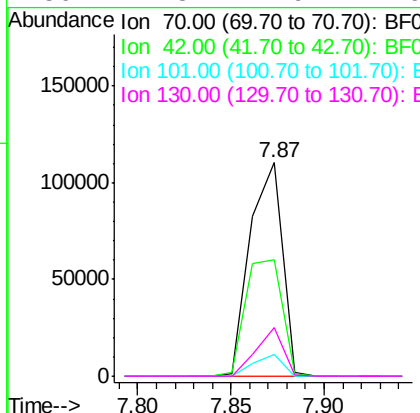




#19
n-Nitroso-di-n-propylamine
Concen: 10.31 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

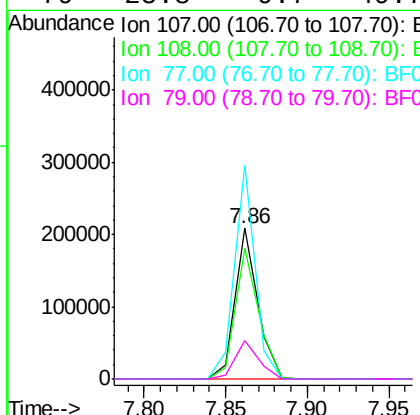
Instrument :
BNA_F
ClientSampleId :
PB83053BS

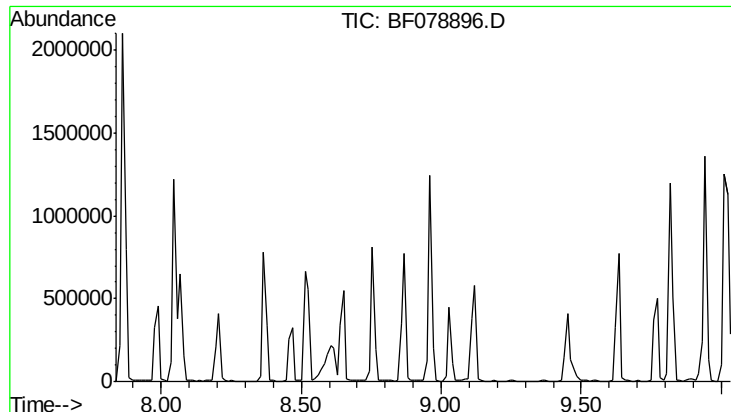
Tot Ion: 70 Resp: 134808
Ion Ratio Lower Upper
70 100
42 54.3 55.4 83.0#
101 10.3 6.6 10.0#
130 22.8 11.9 17.9#



#20
3+4-Methylphenols
Concen: 11.13 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

Tgt Ion: 107 Resp: 198292
Ion Ratio Lower Upper
107 100
108 86.3 76.9 116.9
77 141.7 136.8 176.8
79 25.8 9.7 49.7

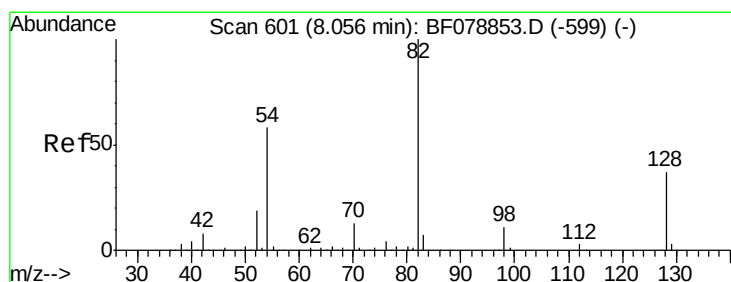
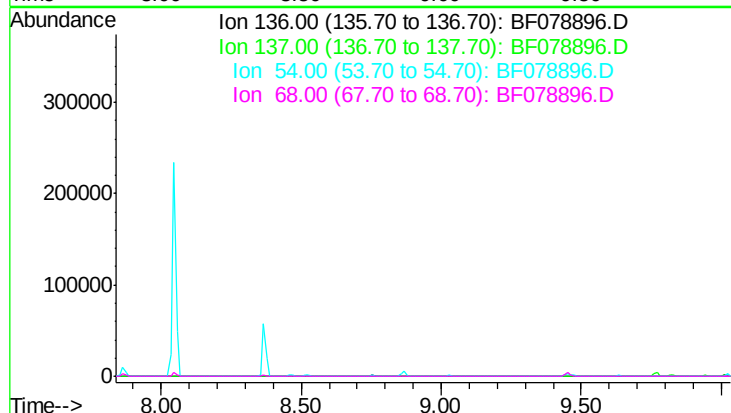




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.94 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

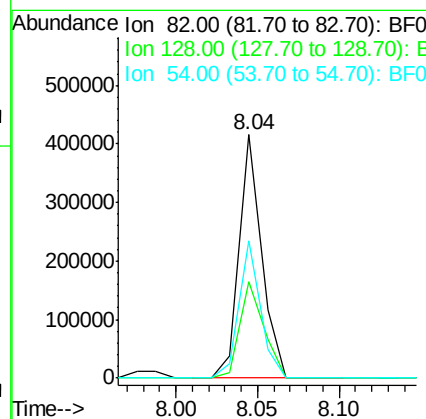
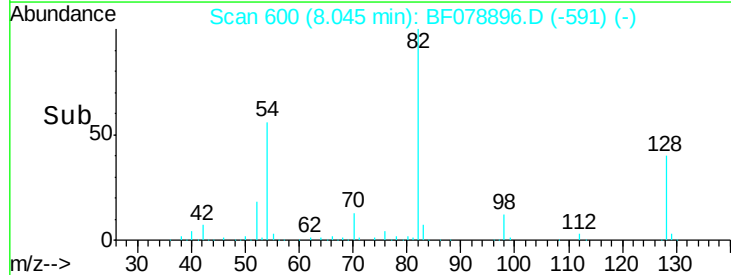
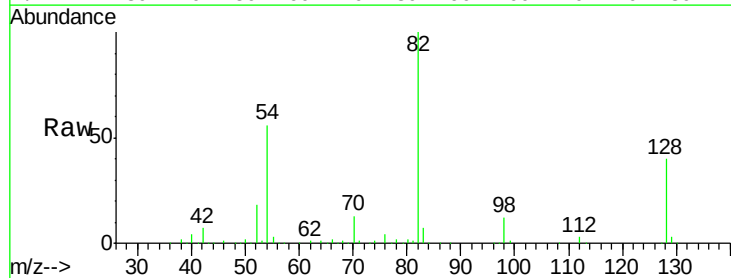
Instrument :
BNA_F
ClientSampleId :
PB83053BS

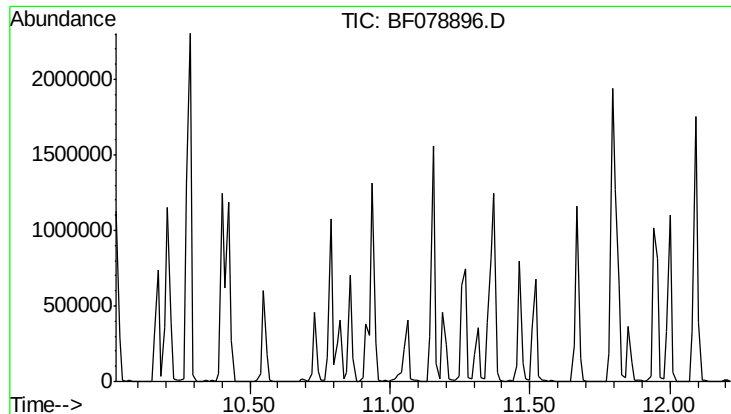
Tot Ion: 136
Sig Exp Ratio
136 100
137 10.9
54 7.3
68 5.3



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

Tgt Ion: 82 Resp: 392092
Ion Ratio Lower Upper
82 100
128 39.8 30.0 45.0
54 56.2 46.4 69.6





#38

Acenaphthene-d10

Concen: 0.00 ng

Expected RT: 11.12 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

Instrument :

BNA_F

ClientSampleId :

PB83053BS

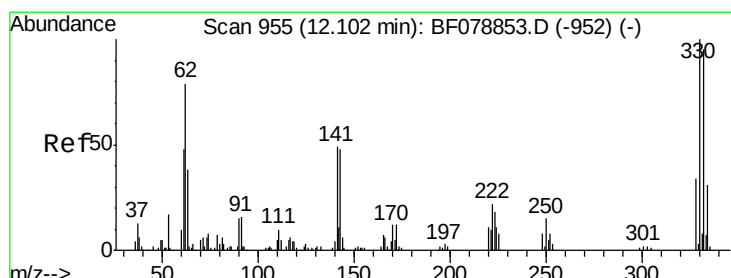
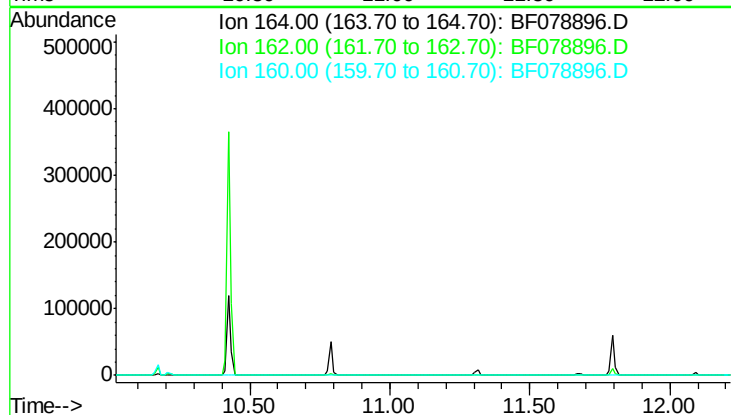
Tot Ion: 164

Sig Exp Ratio

164 100

162 103.4

160 44.8



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

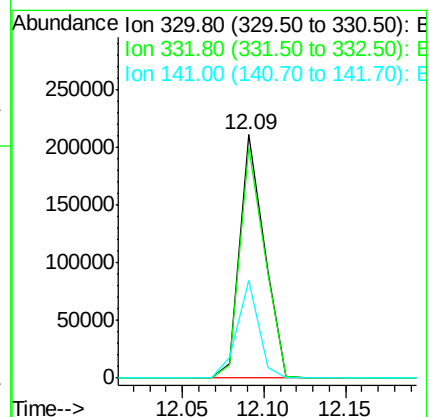
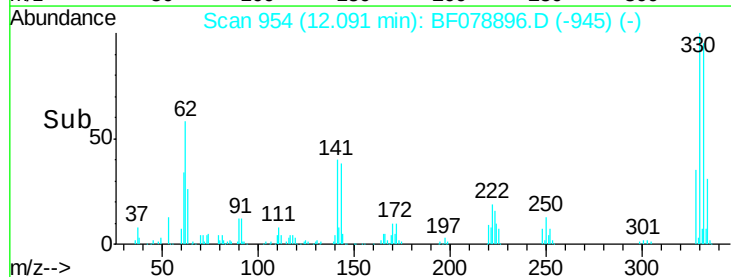
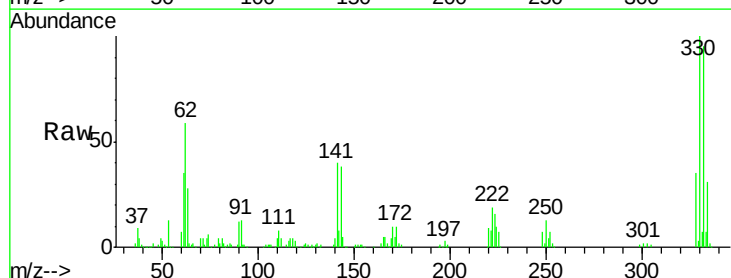
Tgt Ion: 330 Resp: 218673

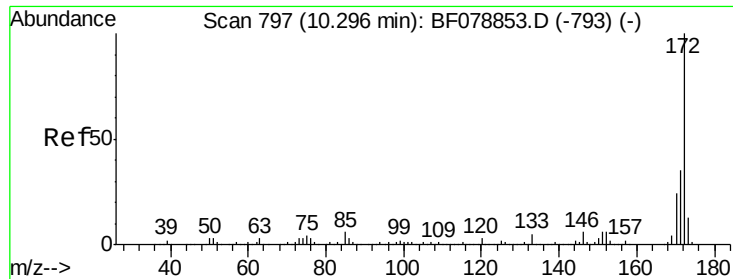
Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

141 35.3 0.0 0.0#

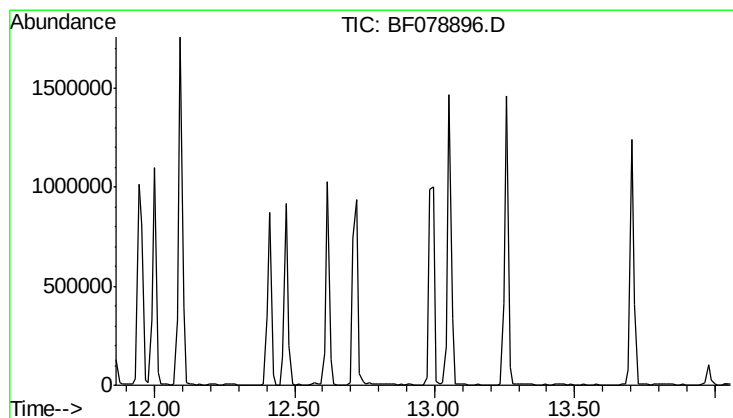
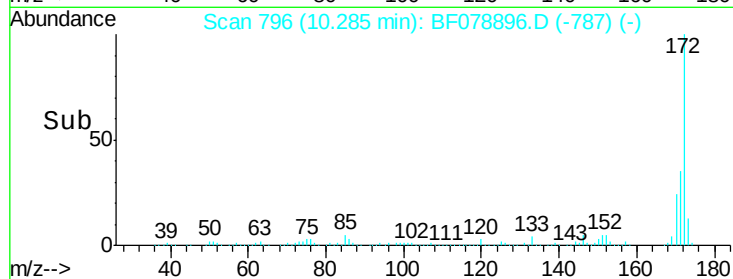
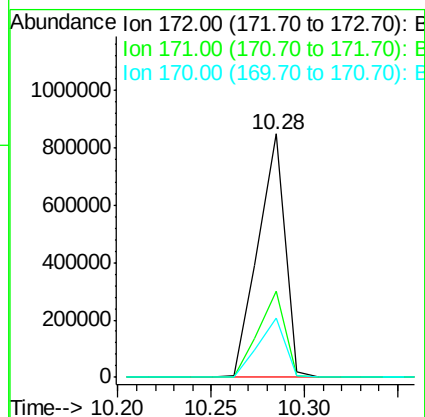
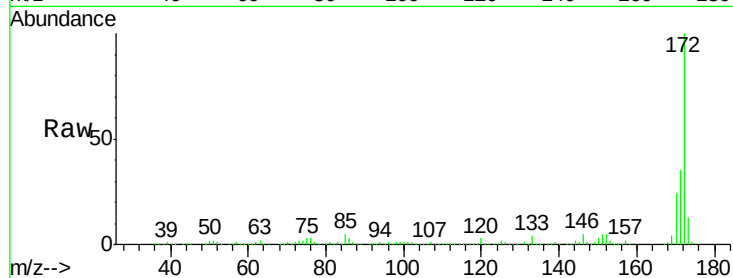




#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

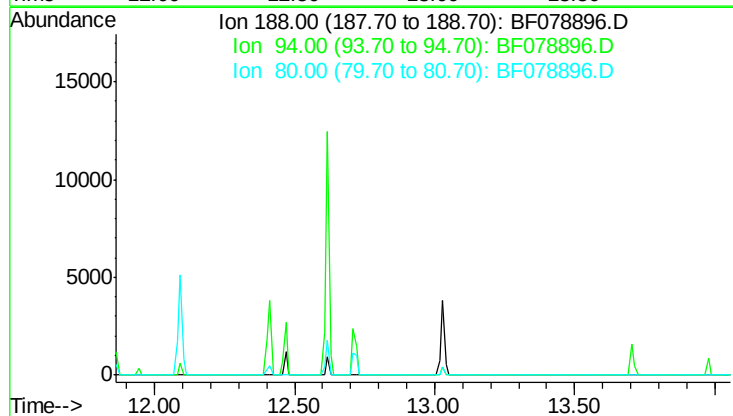
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

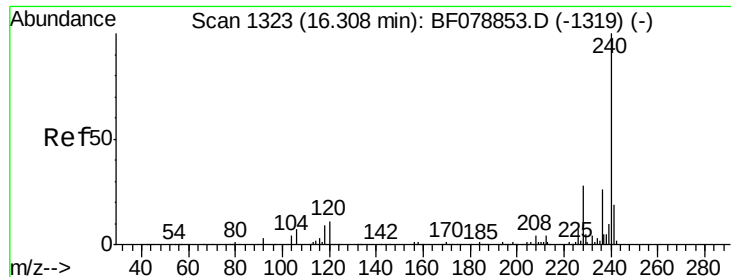
Tot Ion: 172 Resp: 863456
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.9 41.9
 170 24.3 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.96 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 10.2
 80 11.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

Instrument :

BNA_F

ClientSampleId :

PB83053BS

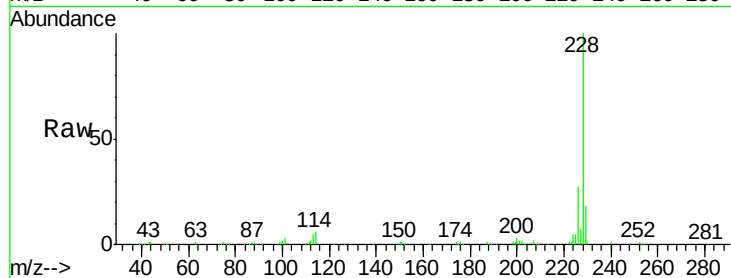
Tot Ion:240 Resp: 538

Ion Ratio Lower Upper

240 100

120 0.0 9.7 14.5#

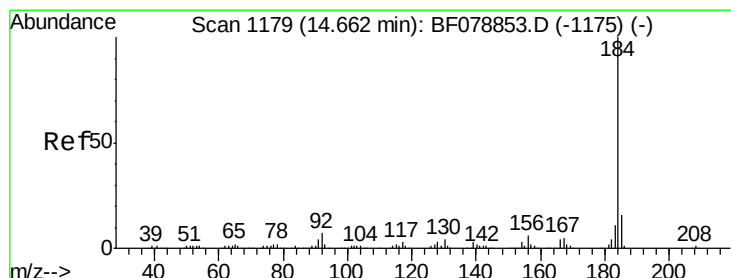
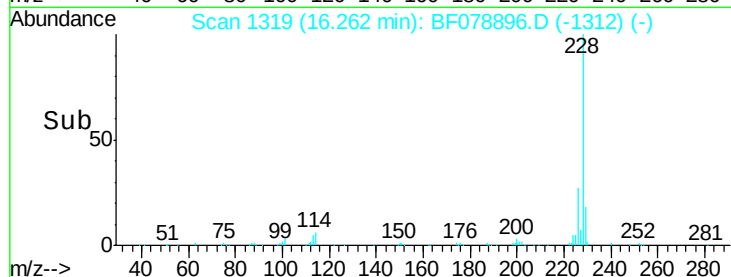
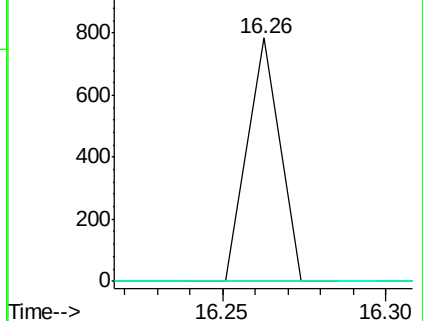
236 0.0 20.2 30.4#



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: 16553.75 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

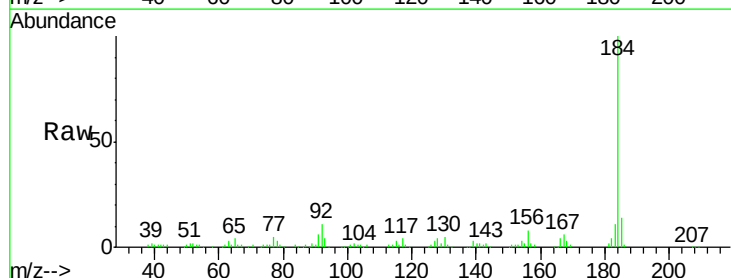
Tgt Ion:184 Resp: 240023

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

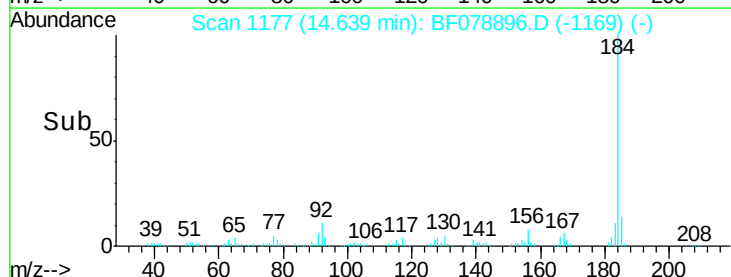
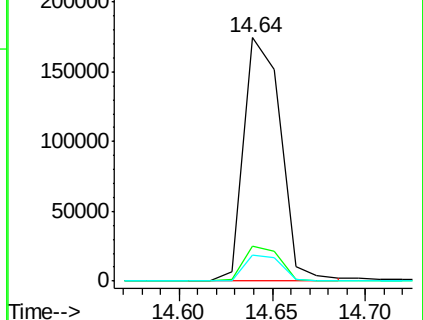
183 10.9 8.4 12.6

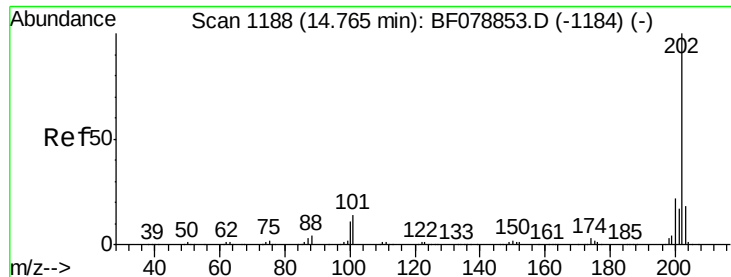


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

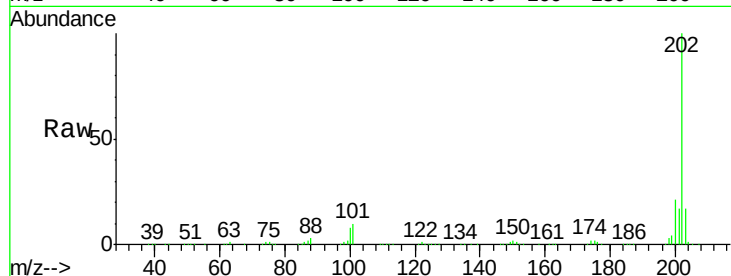




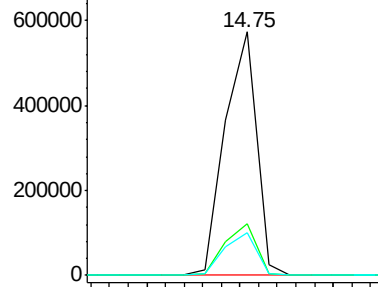
#77
Pvrene
Concen: 21686.18 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

Instrument :
BNA_F
ClientSampleId :
PB83053BS

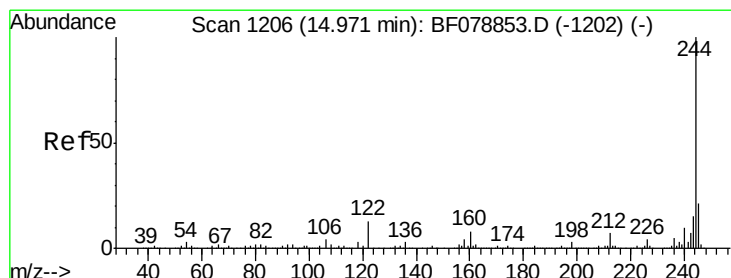
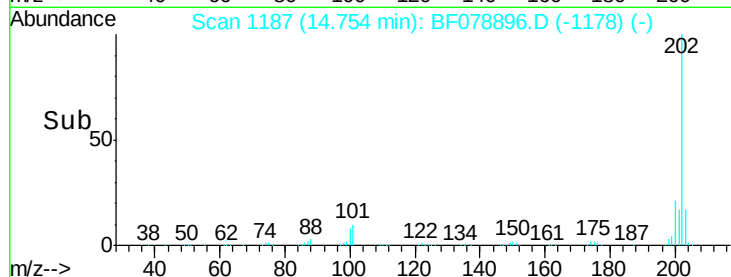
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.5	26.3
203	17.5	13.9	20.9



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

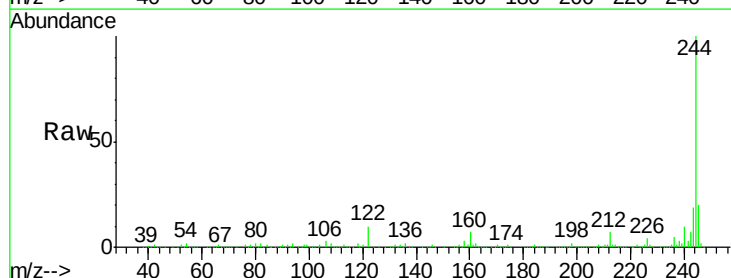


Time-->

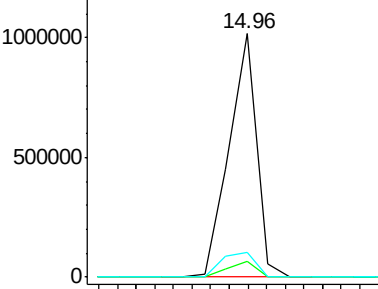


#78
Terphenyl-d14
Concen: 46836.04 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

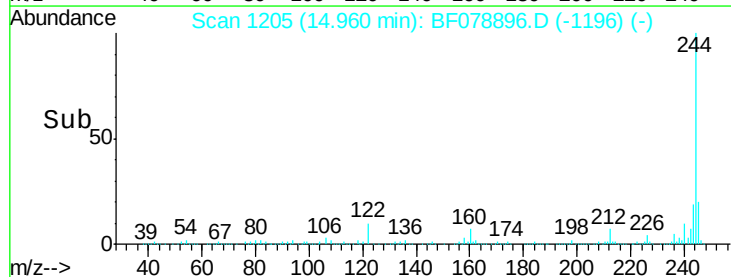
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.9	10.3	15.5

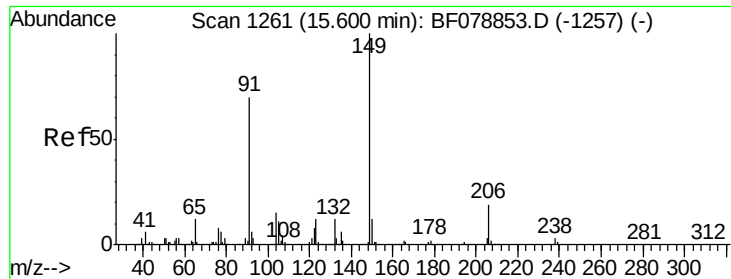


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

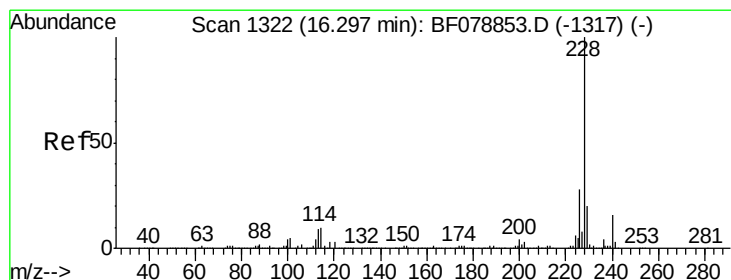
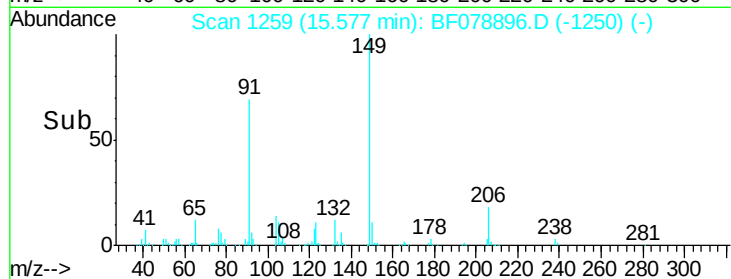
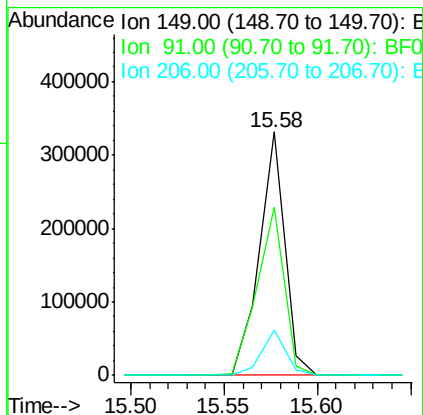
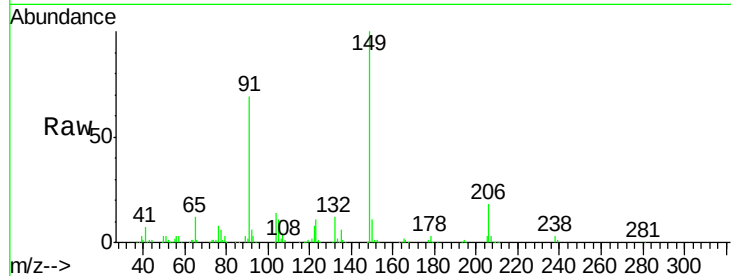




#79
Butylbenzylphthalate
Concen: 23012.87 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

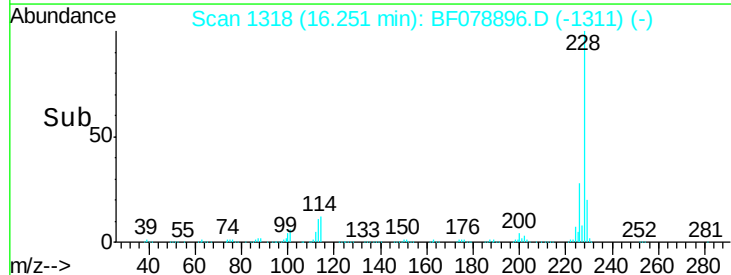
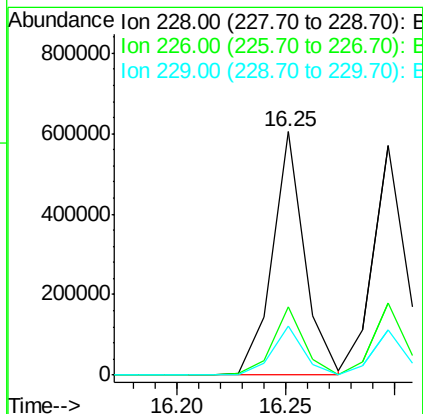
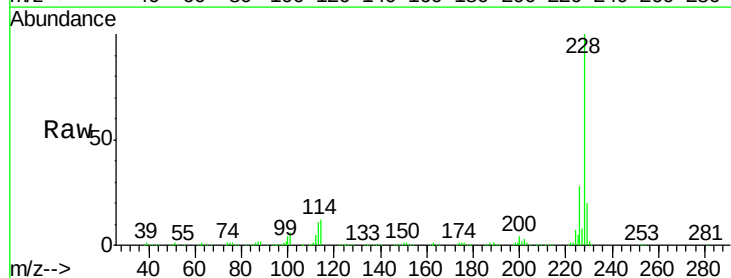
Instrument :
BNA_F
ClientSampleId :
PB83053BS

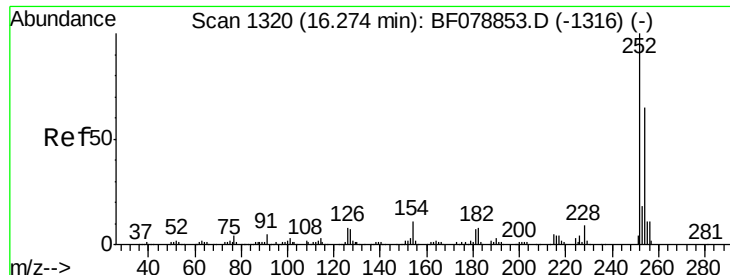
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	64.6	97.0
206	18.4	12.2	18.4



#80
Benzo(a)anthracene
Concen: 21132.72 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	15.9	23.9

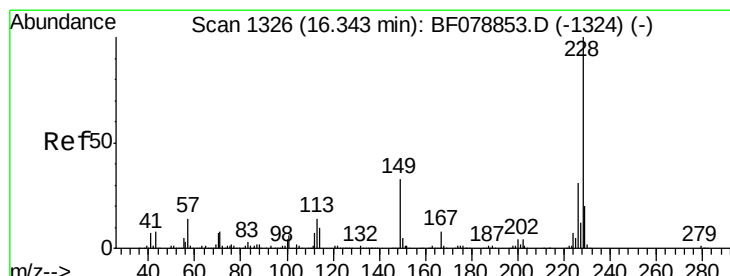
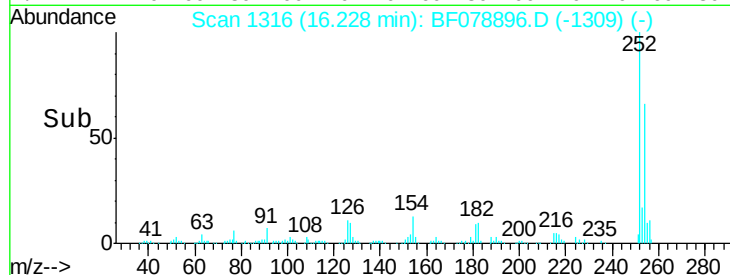
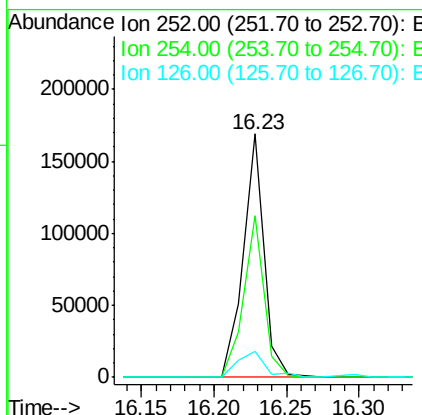
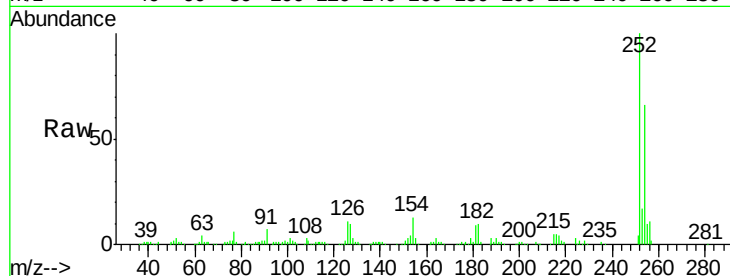




#81
 3,3'-Dichlorobenzidine
 Concen: 16161.18 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

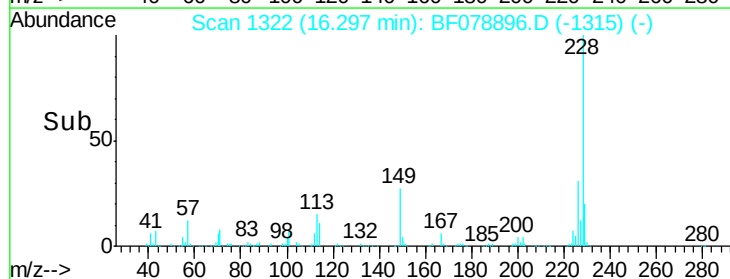
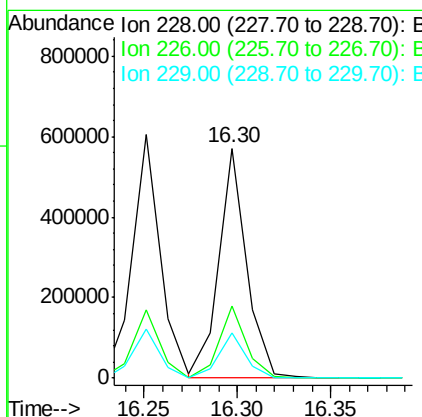
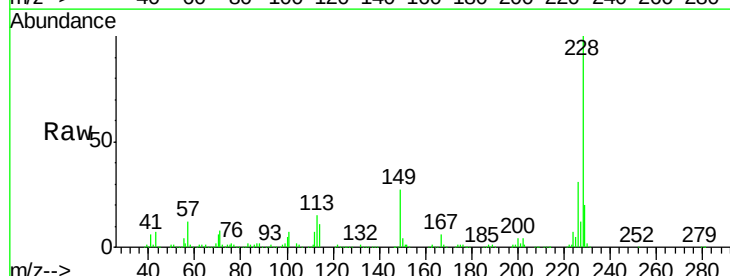
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

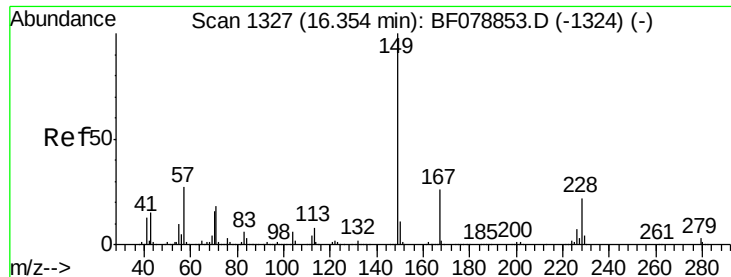
Tot Ion:252 Resp: 169598
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.3 76.9
 126 10.7 6.6 10.0#



#82
 Chrysene
 Concen: 20827.51 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

Tgt Ion:228 Resp: 590169
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 19.8 16.0 24.0

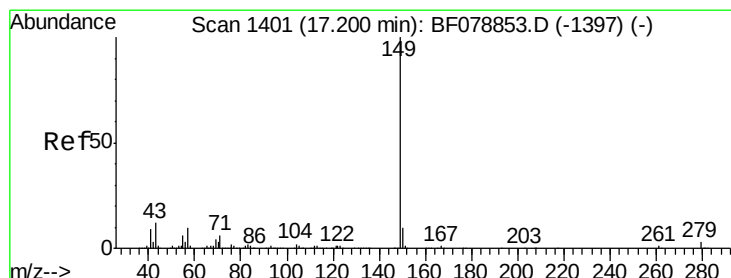
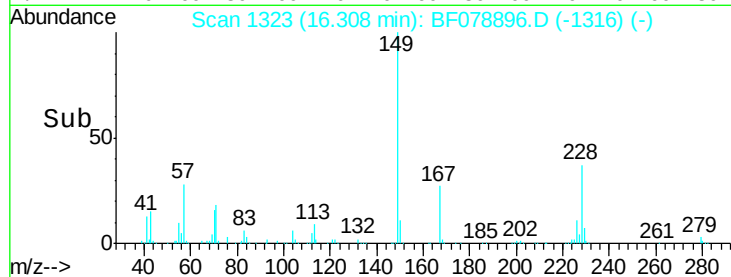
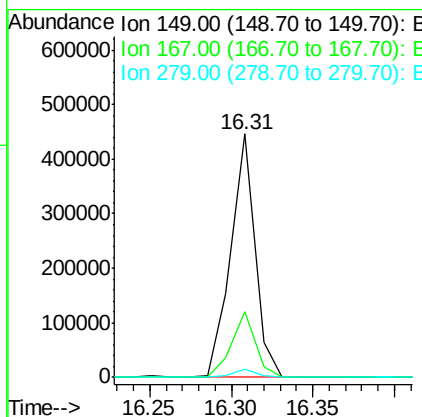
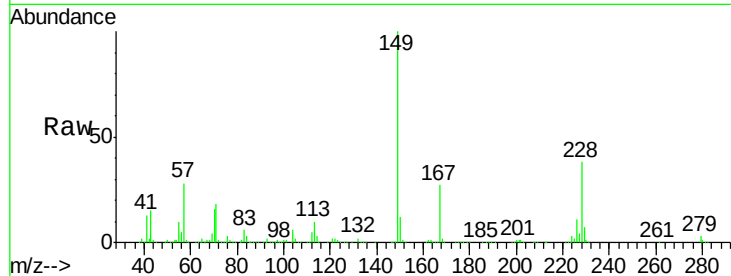




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22422.51 ng
 RT: 16.31 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

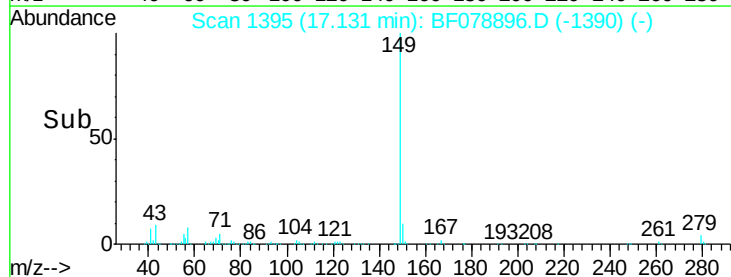
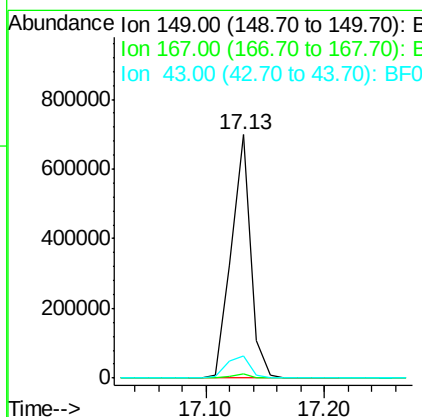
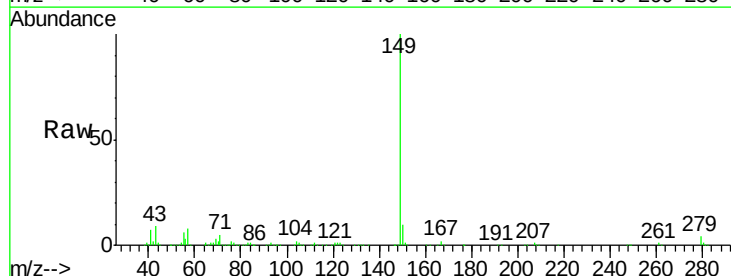
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

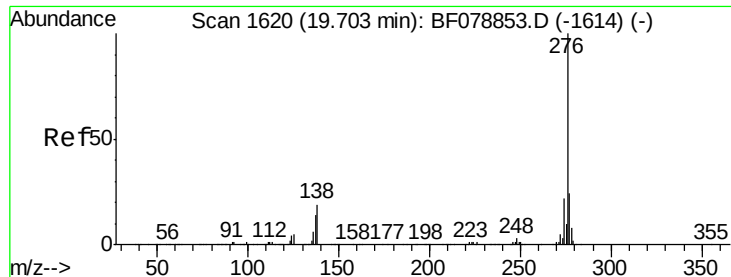
Tot Ion	149	Resp	460251
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.8	32.8
279	3.2	2.9	4.3



#84
 Di-n-octyl phthalate
 Concen: 21908.17 ng
 RT: 17.13 min Scan# 1395
 Delta R.T. -0.05 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

Tgt Ion	149	Resp	791998
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	10.8	0.0	0.0#

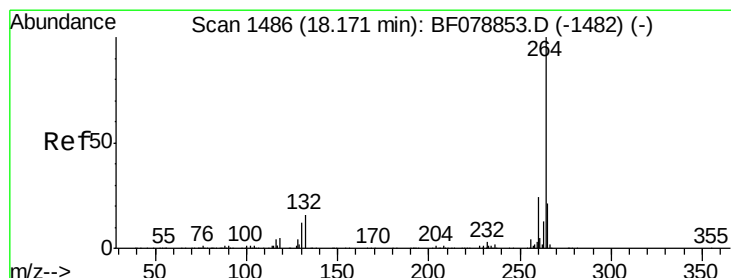
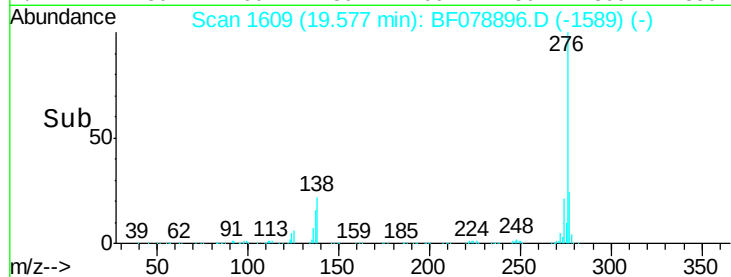
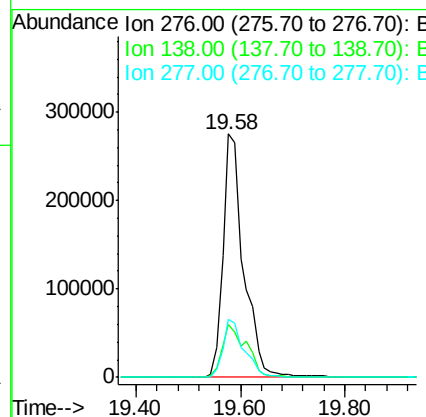
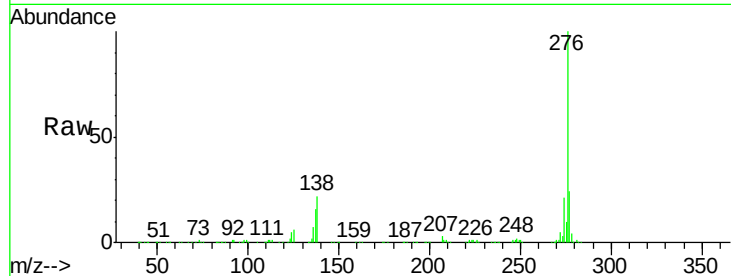




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20885.22 ng
 RT: 19.58 min Scan# 1609
 Delta R.T. -0.07 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

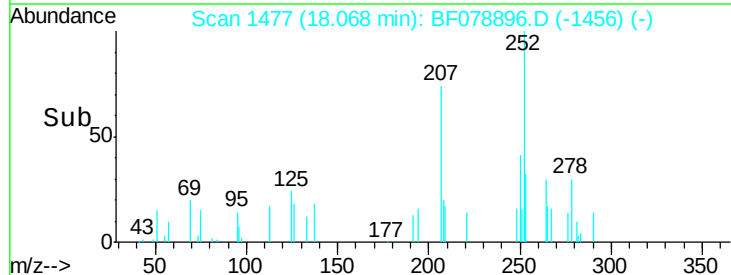
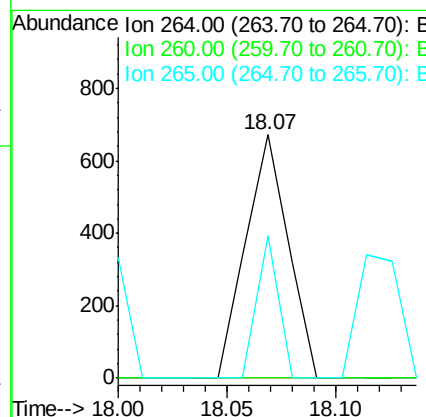
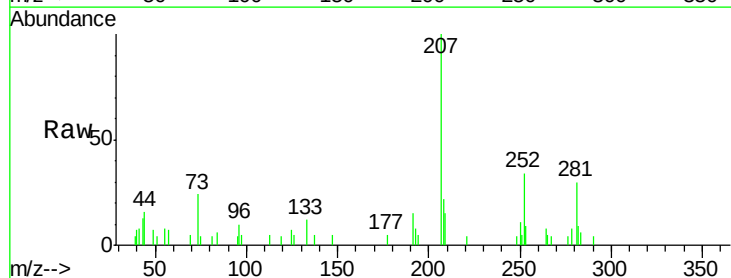
Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

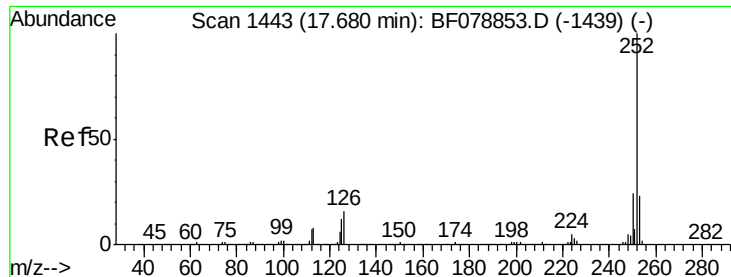
Tot Ion:276 Resp: 754036
 Ion Ratio Lower Upper
 276 100
 138 26.0 0.0 0.0#
 277 24.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.07 min Scan# 1477
 Delta R.T. -0.06 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

Tgt Ion:264 Resp: 911
 Ion Ratio Lower Upper
 264 100
 260 0.0 19.4 29.2#
 265 58.3 18.3 27.5#

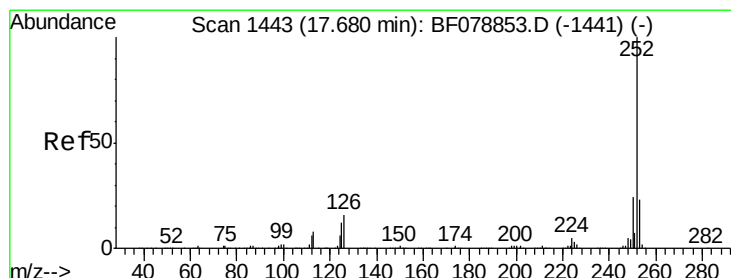
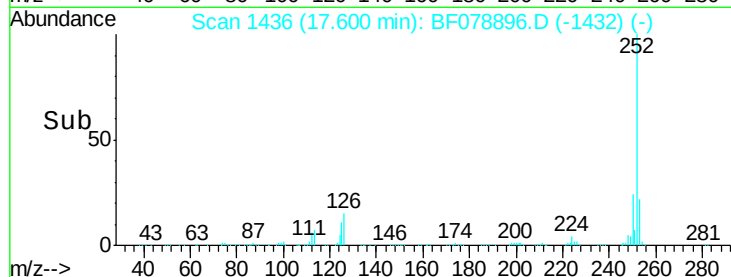
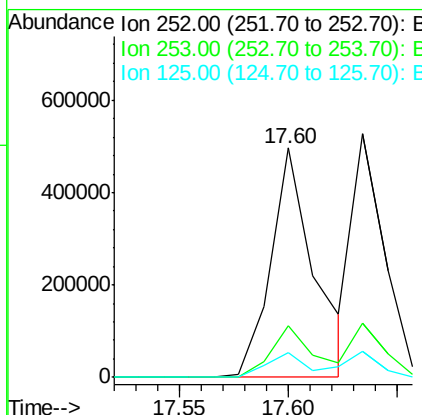
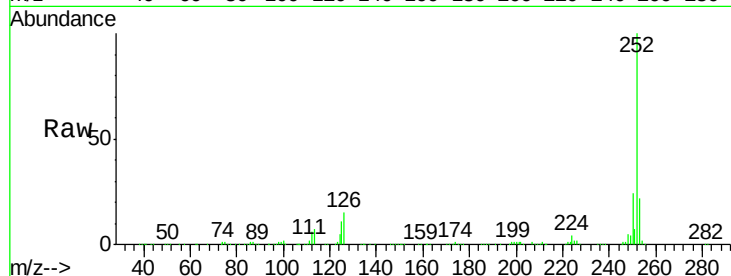




#87
Benzo(b)fluoranthene
Concen: 13941.16 ng
RT: 17.60 min Scan# 1436
Delta R.T. -0.06 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

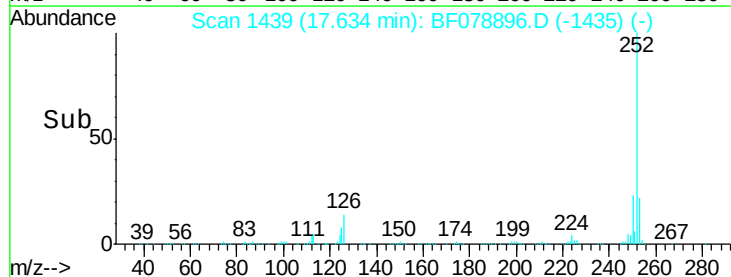
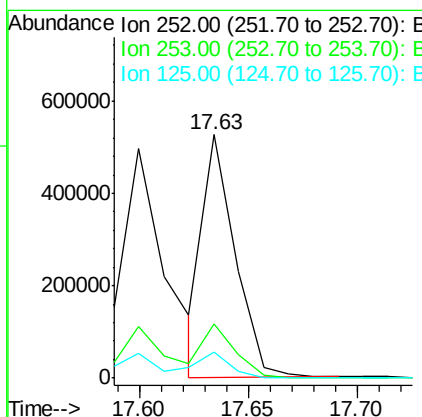
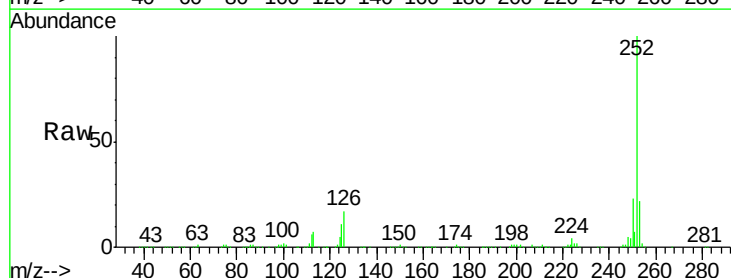
Instrument :
BNA_F
ClientSampleId :
PB83053BS

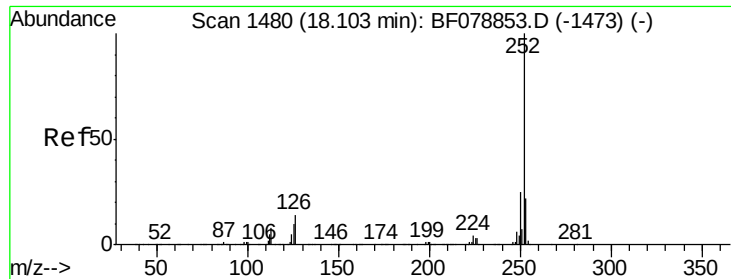
Tot Ion:252 Resp: 695159
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.8 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 11097.97 ng
RT: 17.63 min Scan# 1439
Delta R.T. -0.06 min
Lab File: BF078896.D
Acq: 1 May 2015 16:54

Tgt Ion:252 Resp: 535724
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.7 10.0 15.0





#89

Benzo(a)pyrene

Concen: 13240.78 ng

RT: 18.00 min Scan# 1471

Delta R.T. -0.06 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

Instrument :

BNA_F

ClientSampleId :

PB83053BS

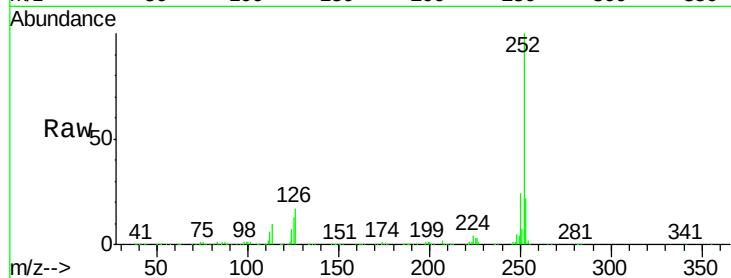
Tot Ion:252 Resp: 607932

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

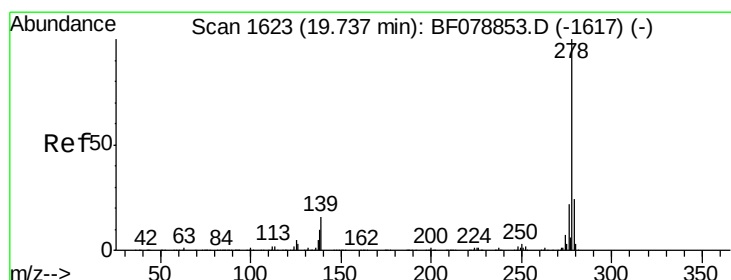
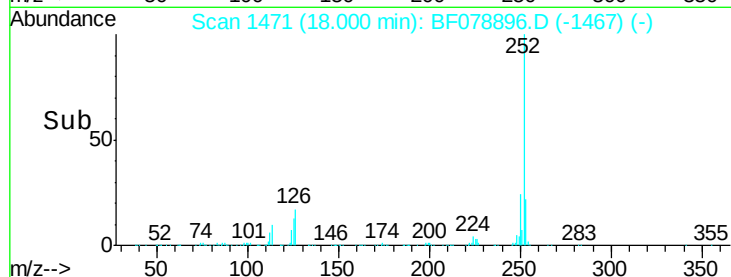
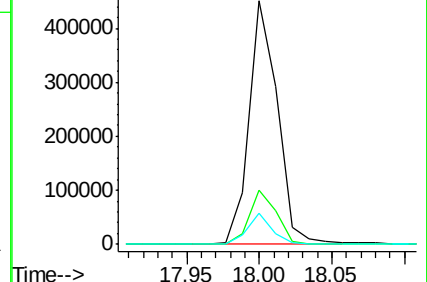
125 12.8 7.0 10.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 12494.50 ng

RT: 19.61 min Scan# 1612

Delta R.T. -0.07 min

Lab File: BF078896.D

Acq: 1 May 2015 16:54

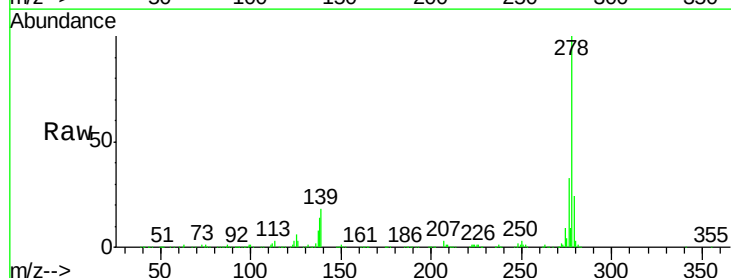
Tgt Ion:278 Resp: 609688

Ion Ratio Lower Upper

278 100

139 18.2 12.8 19.2

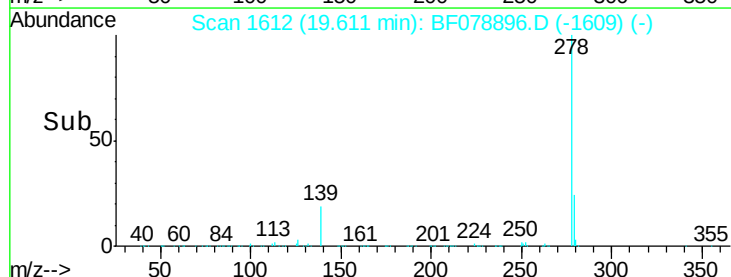
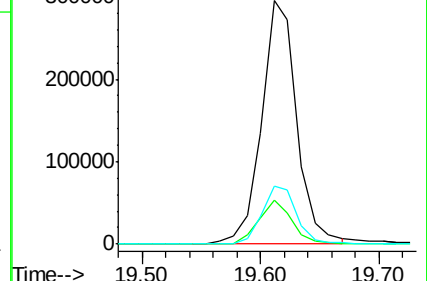
279 23.8 19.6 29.4

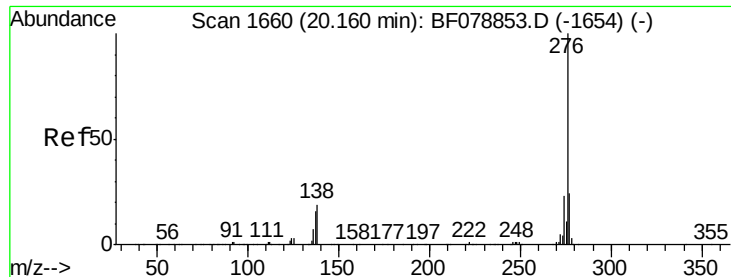


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 12784.17 ng
 RT: 20.03 min Scan# 1649
 Delta R.T. -0.07 min
 Lab File: BF078896.D
 Acq: 1 May 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	22.6	17.4	26.0

