

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078903.D
 Acq On : 1 May 2015 20:14
 Operator : TP/IZ
 Sample : PB83092BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

Quant Time: May 01 23:12:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

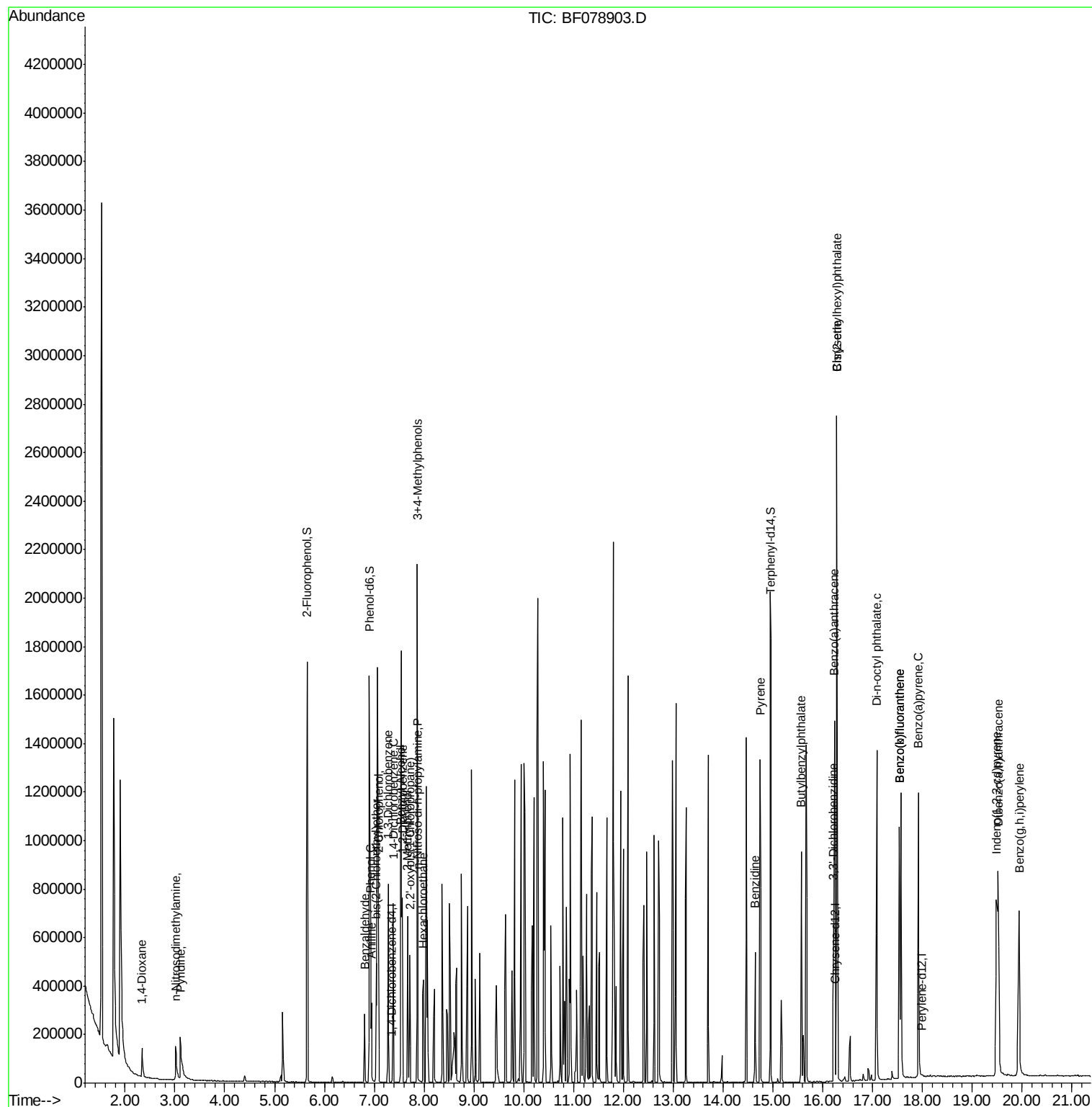
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	630	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.94
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-11.12
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.96
75) Chrysene-d12	16.25	240	444	20.00	ng	-0.03
86) Perylene-d12	17.99	264	258	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	521559	14250.67	ng	0.00
7) Phenol-d6	6.90	99	651567	13468.47	ng	0.00
23) Nitrobenzene-d5	8.04	82	369620	0.00	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	207034	0.00	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	814439	0.00	ng	0.00
78) Terphenyl-d14	14.96	244	968240	52209.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.34	88	58746	3691.73	ng	Qvalue # 36
3) Pyridine	3.11	79	169462	3638.85	ng	99
4) n-Nitrosodimethylamine	3.02	42	72230	3619.97	ng	93
6) Aniline	6.95	93	156981	2298.88	ng	98
8) 2-Chlorophenol	7.08	128	184857	4453.27	ng	99
9) Benzaldehyde	6.81	77	72247	2216.80	ng	97
10) Phenol	6.92	94	235914	4203.73	ng	92
11) bis(2-Chloroethyl)ether	7.04	93	169082	4109.83	ng	100
12) 1,3-Dichlorobenzene	7.28	146	189799	4067.94	ng	98
13) 1,4-Dichlorobenzene	7.38	146	199088	4146.32	ng	99
14) 1,2-Dichlorobenzene	7.56	146	187541	4195.54	ng	99
15) Benzyl Alcohol	7.53	79	152582	4248.73	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	271879	4319.44	ng	99
17) 2-Methylphenol	7.67	107	148755	4453.16	ng	95
18) Hexachloroethane	7.98	117	68275	4128.20	ng	# 77
19) n-Nitroso-di-n-propylamine	7.87	70	135007	4131.76	ng	# 82
20) 3+4-Methylphenols	7.86	107	194259	4364.35	ng	93
76) Benzidine	14.64	184	208721	17442.51	ng	99
77) Pvrene	14.74	202	680692	26604.77	ng	99
79) Butylbenzylphthalate	15.57	149	301100	26922.34	ng	94
80) Benzo(a)anthracene	16.24	228	634891	26112.15	ng	99
81) 3,3'-Dichlorobenzidine	16.22	252	161012	18591.30	ng	100
82) Chrysene	16.29	228	597696	25558.81	ng	99
83) Bis(2-ethylhexyl)phthalate	16.29	149	450069	26568.56	ng	# 95
84) Di-n-octyl phthalate	17.09	149	757956	25405.36	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.49	276	744340	24981.45	ng	# 100
87) Benzo(b)fluoranthene	17.54	252	648933	45952.96	ng	# 95
88) Benzo(k)fluoranthene	17.54	252	649060	47477.30	ng	# 94
89) Benzo(a)pyrene	17.92	252	590155	45386.14	ng	# 97
90) Dibenzo(a,h)anthracene	19.52	278	603576	43675.91	ng	99
91) Benzo(g,h,i)perylene	19.94	276	606774	43808.16	ng	98

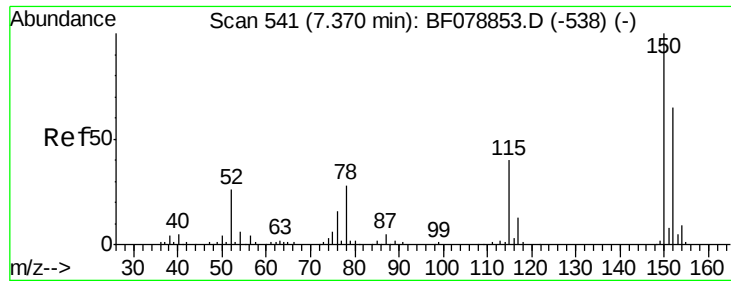
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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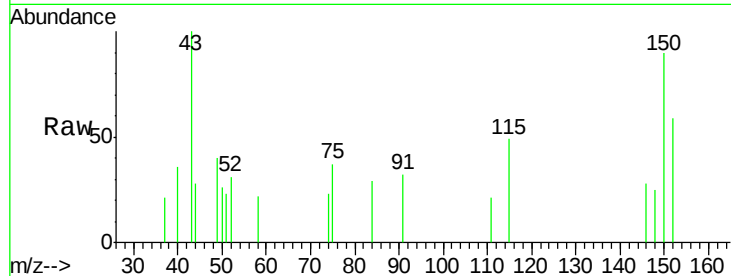


#1

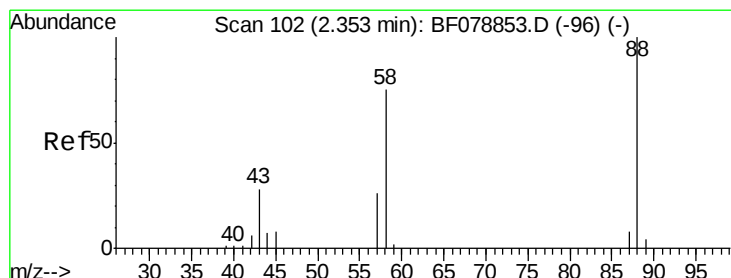
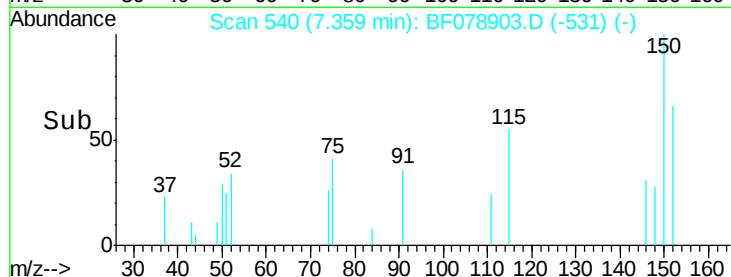
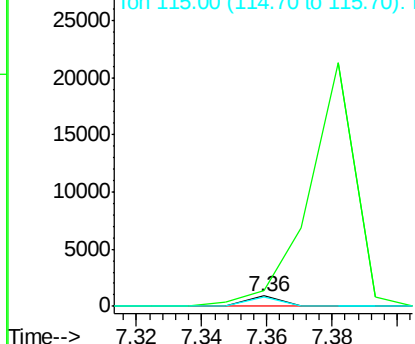
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078903.D
Acq: 1 May 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB83092BS

Tot Ion:152 Resp: 630
Ion Ratio Lower Upper
152 100
150 152.0 122.0 183.0
115 83.2 46.3 69.5#



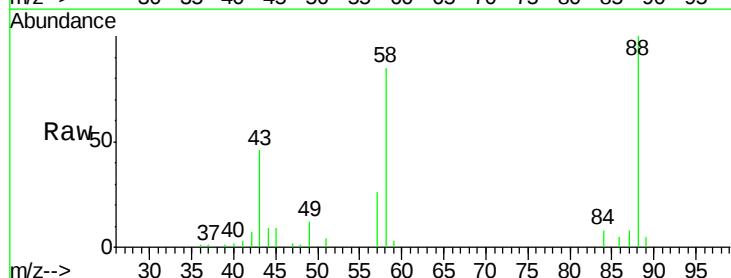
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



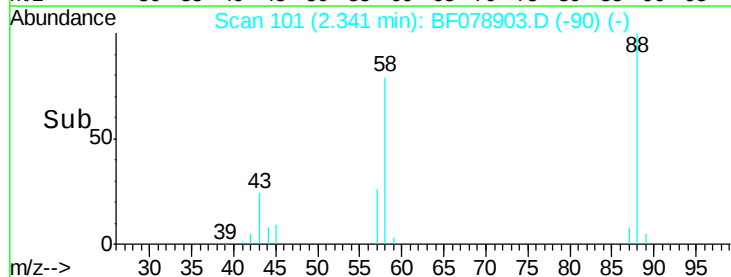
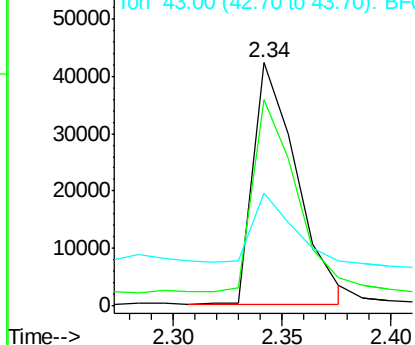
#2

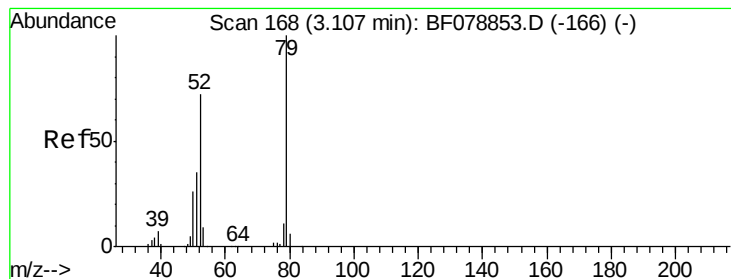
1,4-Dioxane
Concen: 3691.73 ng
RT: 2.34 min Scan# 101
Delta R.T. 0.02 min
Lab File: BF078903.D
Acq: 1 May 2015 20:14

Tgt Ion: 88 Resp: 58746
Ion Ratio Lower Upper
88 100
58 80.7 0.0 0.0#
43 25.1 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: 3638.85 ng

RT: 3.11 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB83092BS

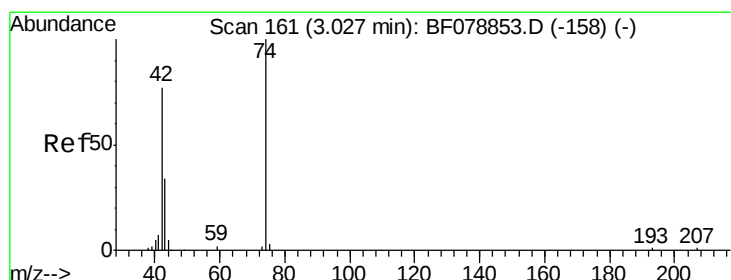
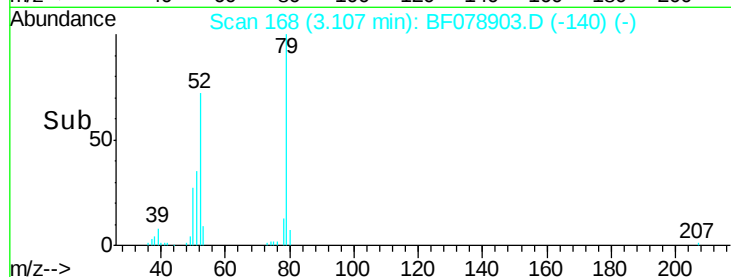
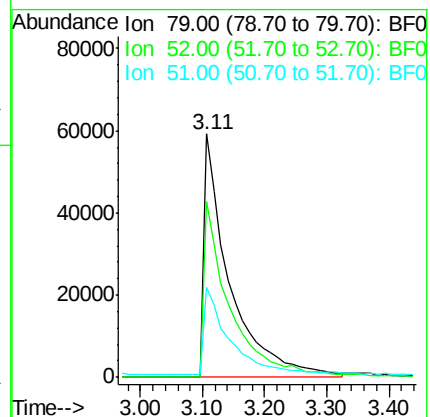
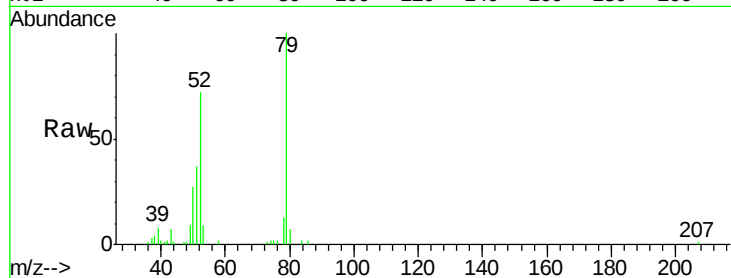
Tot Ion: 79 Resp: 169462

Ion Ratio Lower Upper

79 100

52 72.4 57.2 85.8

51 36.8 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 3619.97 ng

RT: 3.02 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

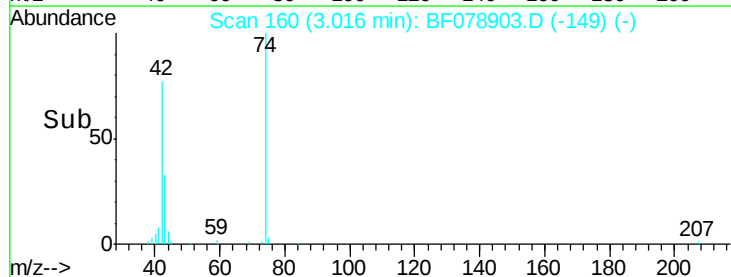
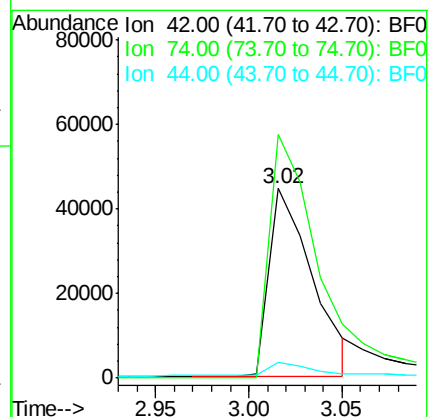
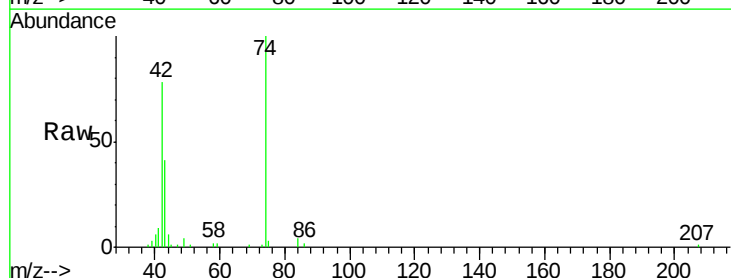
Tgt Ion: 42 Resp: 72230

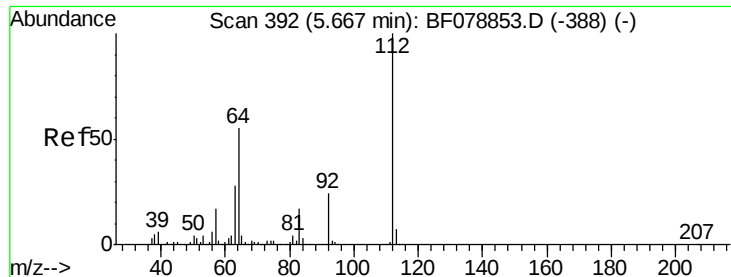
Ion Ratio Lower Upper

42 100

74 128.5 96.5 144.7

44 8.2 6.1 9.1





#5

2-Fluorophenol

Concen: 14250.67 ng

RT: 5.66 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB83092BS

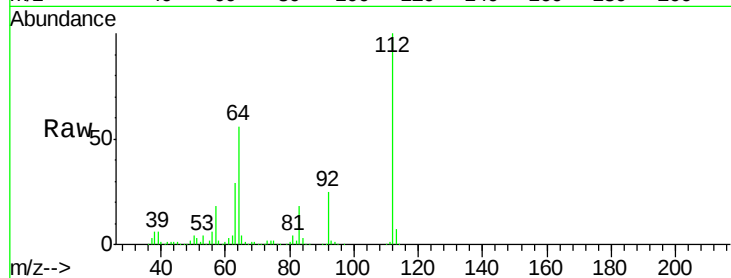
Tot Ion:112 Resp: 521559

Ion Ratio Lower Upper

112 100

64 56.5 53.5 80.3

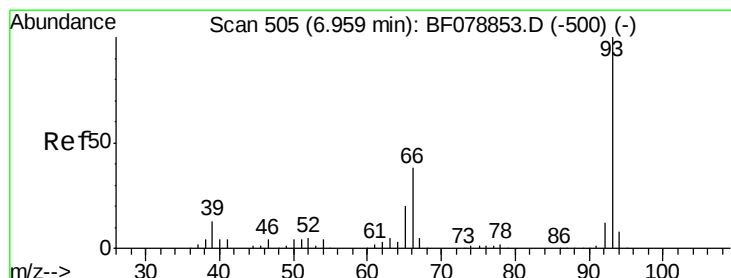
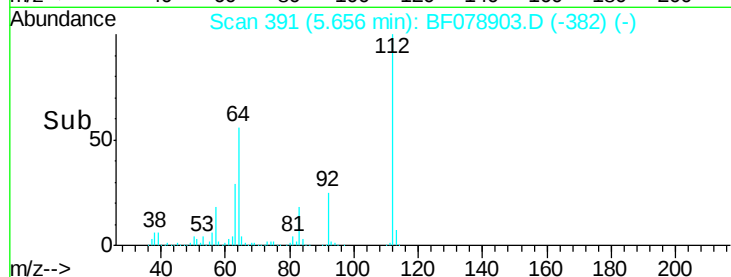
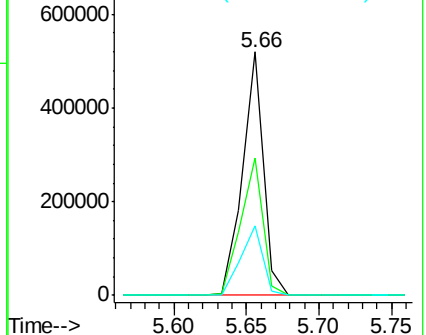
63 28.8 27.5 41.3



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: 2298.88 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

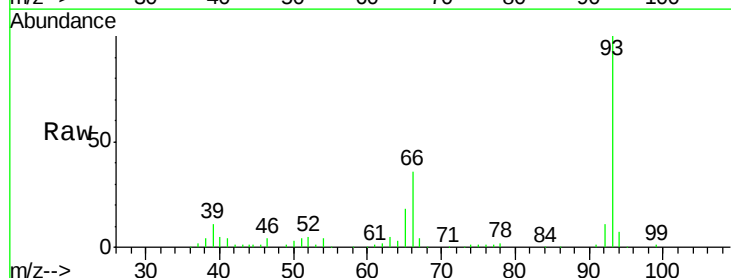
Tgt Ion: 93 Resp: 156981

Ion Ratio Lower Upper

93 100

66 35.5 29.7 44.5

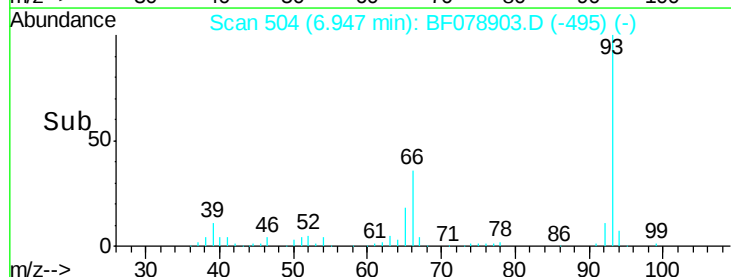
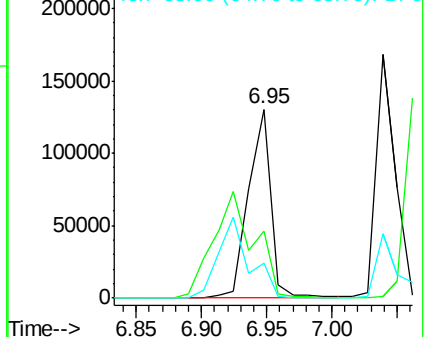
65 18.3 14.6 22.0

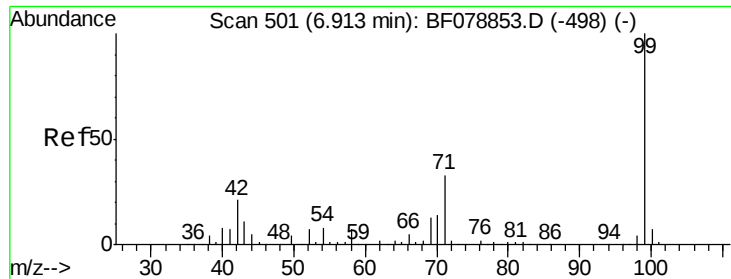


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 13468.47 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

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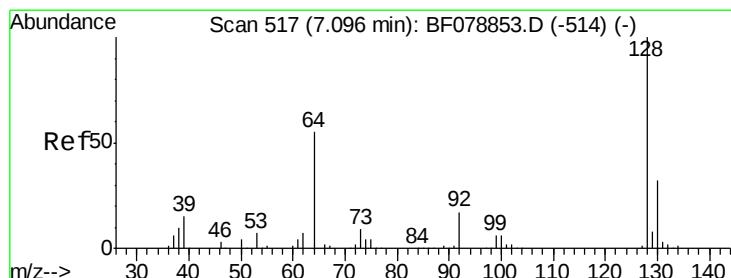
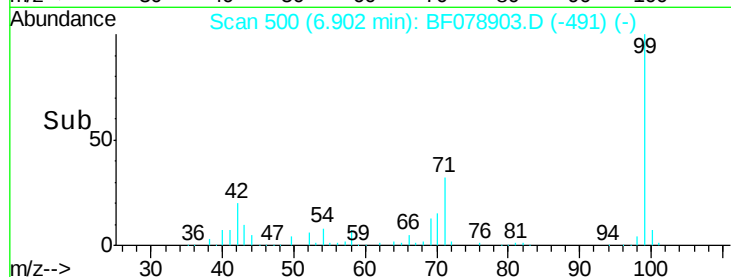
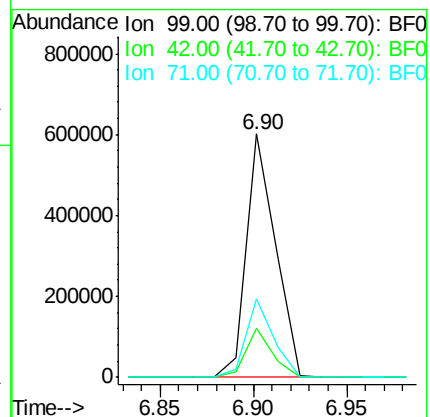
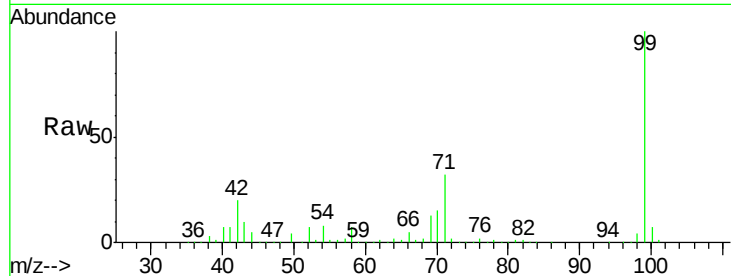
Tot Ion: 99 Resp: 651567

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

71 32.1 23.4 35.2



#8

2-Chlorophenol

Concen: 4453.27 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

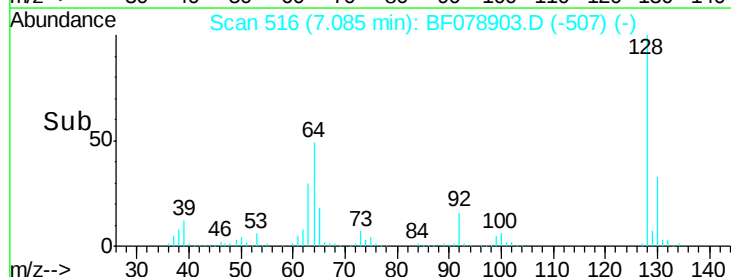
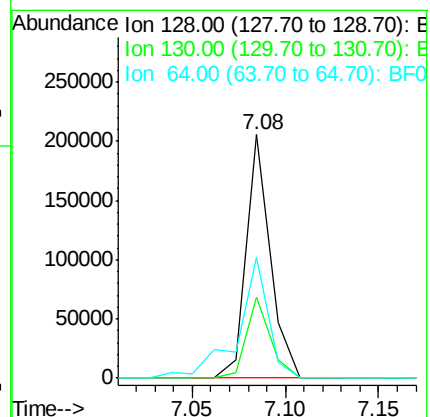
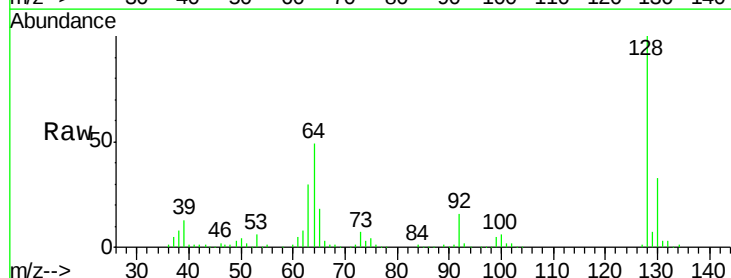
Tgt Ion: 128 Resp: 184857

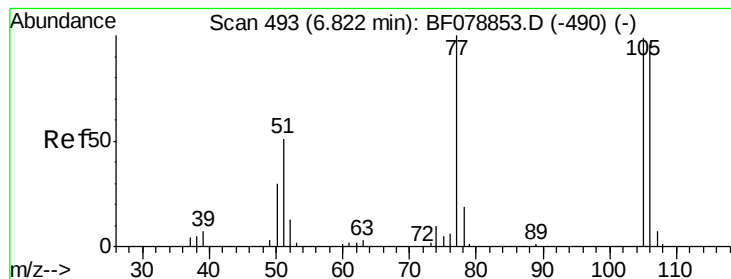
Ion Ratio Lower Upper

128 100

130 33.0 12.1 52.1

64 49.4 29.6 69.6





#9

Benzaldehyde

Concen: 2216.80 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.00 min

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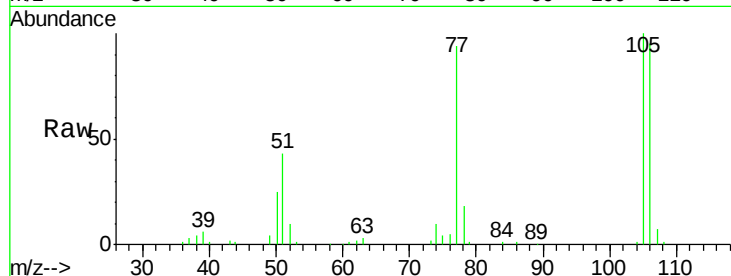
Tot Ion: 77 Resp: 72247

Ion Ratio Lower Upper

77 100

105 106.4 81.7 121.7

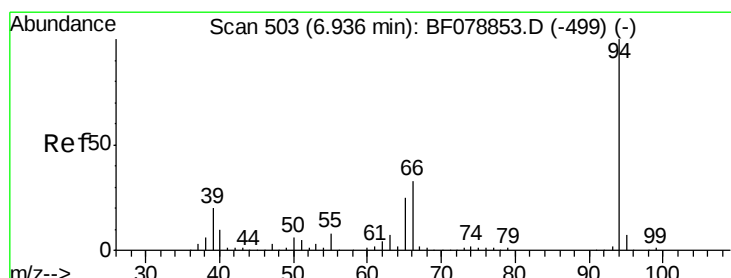
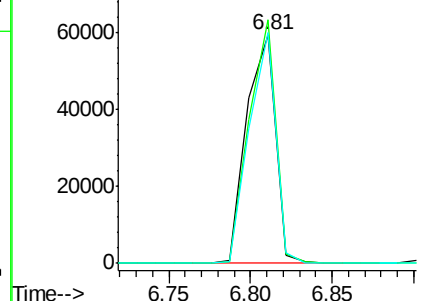
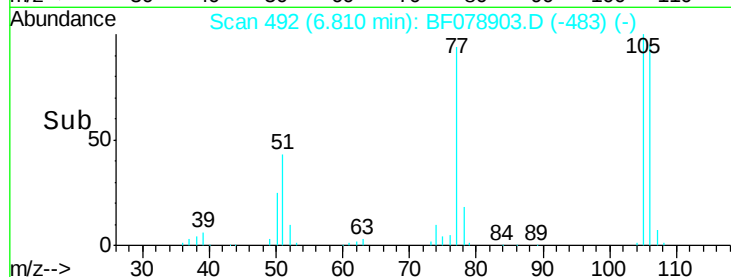
106 100.9 79.0 119.0



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: 4203.73 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

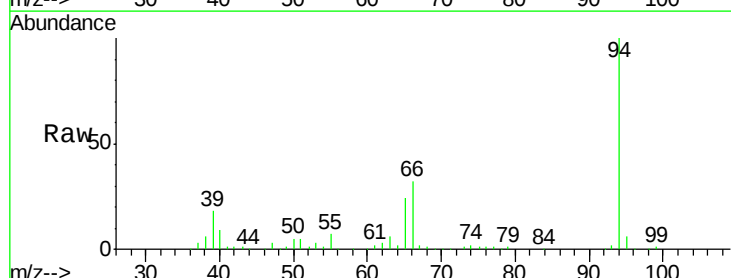
Tgt Ion: 94 Resp: 235914

Ion Ratio Lower Upper

94 100

65 24.1 8.5 48.5

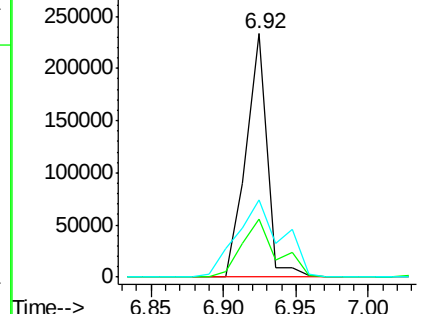
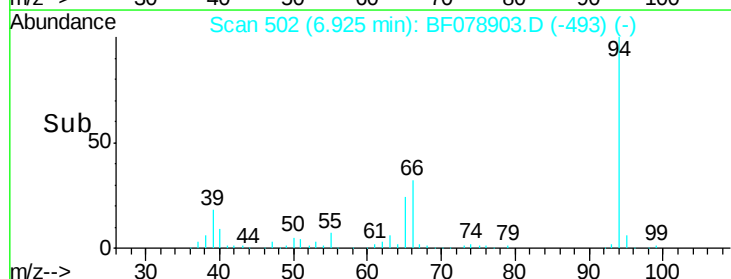
66 31.7 16.0 56.0

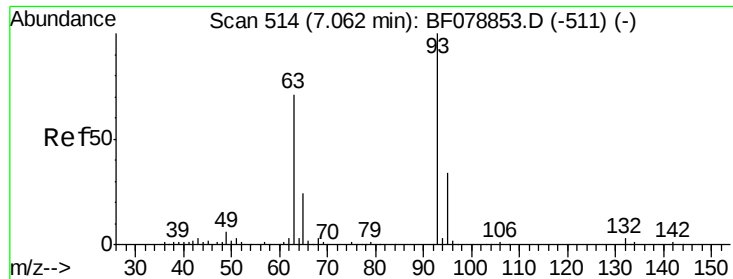


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 4109.83 ng

RT: 7.04 min Scan# 512

Delta R.T. -0.01 min

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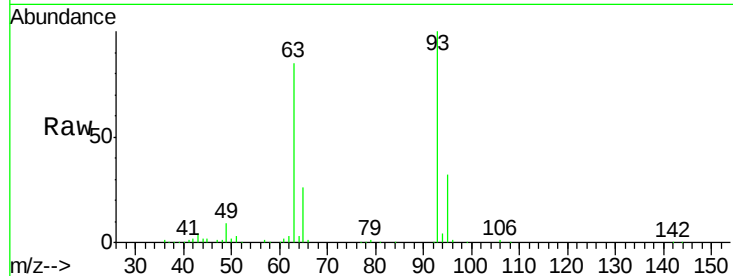
Tot Ion: 93 Resp: 169082

Ion Ratio Lower Upper

93 100

63 85.4 64.8 104.8

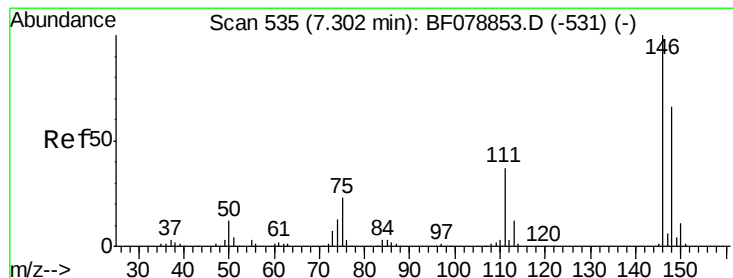
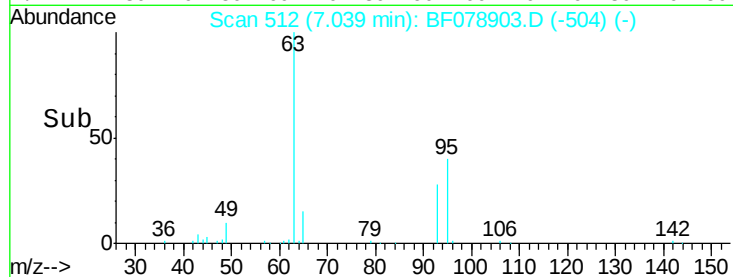
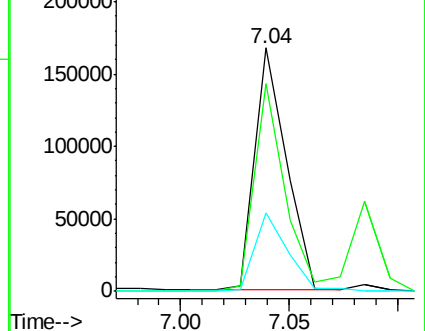
95 32.4 12.4 52.4



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: 4067.94 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

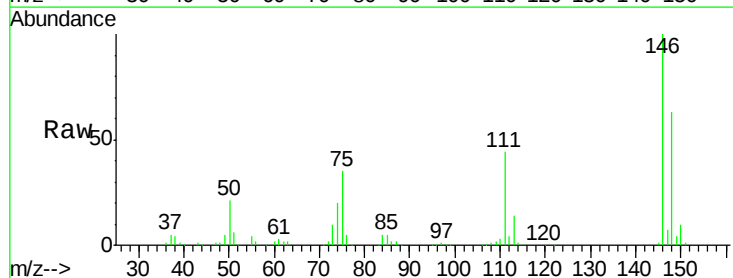
Tgt Ion: 146 Resp: 189799

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

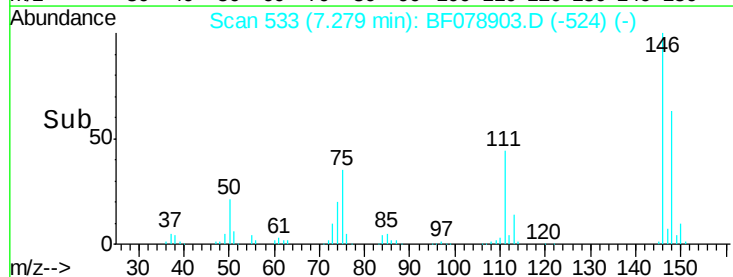
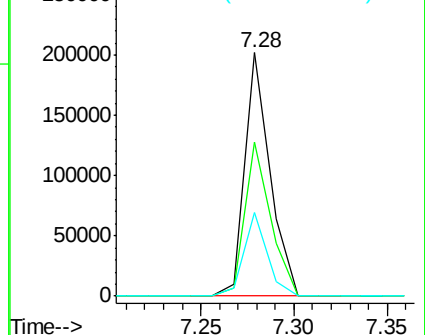
75 34.6 29.2 43.8

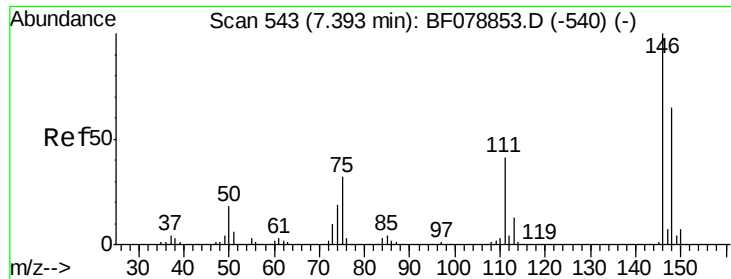


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

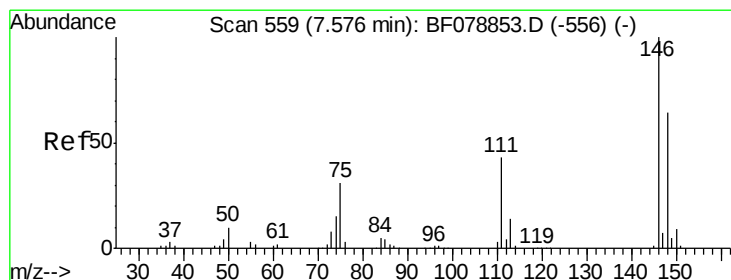
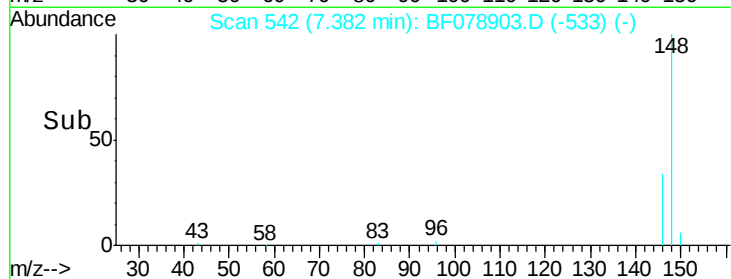
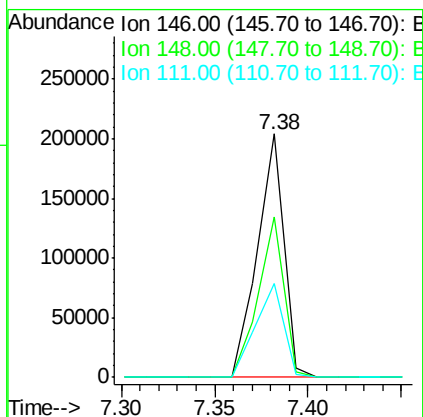
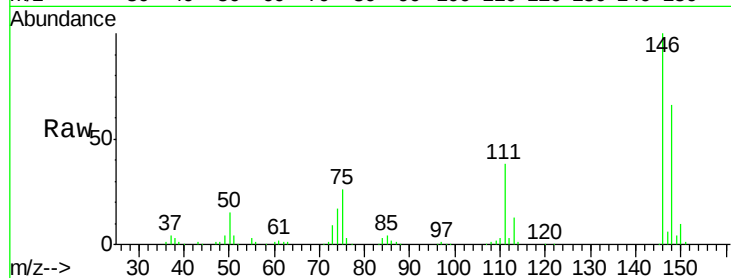




#13
 1,4-Dichlorobenzene
 Concen: 4146.32 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078903.D
 Acq: 1 May 2015 20:14

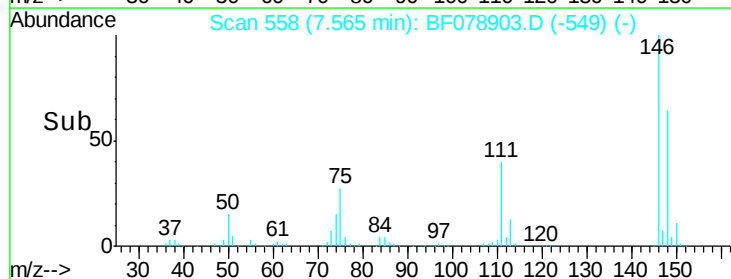
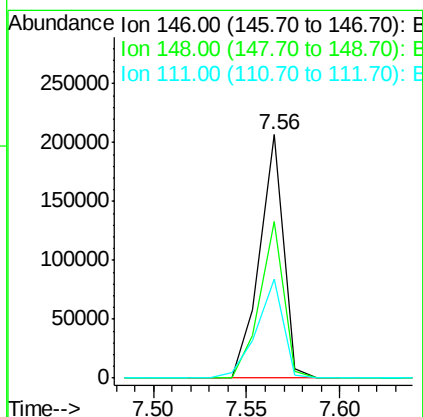
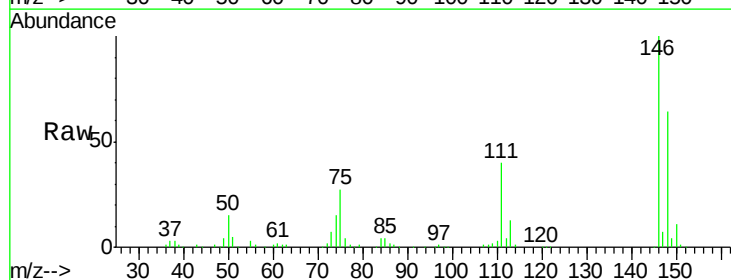
Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

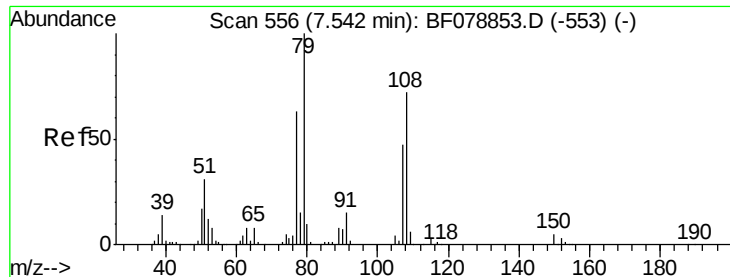
Tot Ion:146 Resp: 199088
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.8 79.2
 111 38.4 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 4195.54 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF078903.D
 Acq: 1 May 2015 20:14

Tgt Ion:146 Resp: 187541
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 40.4 33.3 49.9





#15

Benzyl Alcohol

Concen: 4248.73 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB83092BS

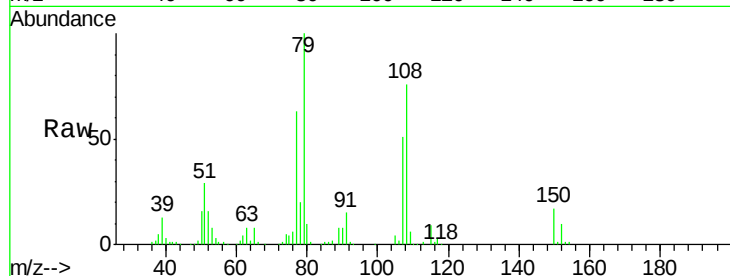
Tot Ion: 79 Resp: 152582

Ion Ratio Lower Upper

79 100

108 75.5 62.5 93.7

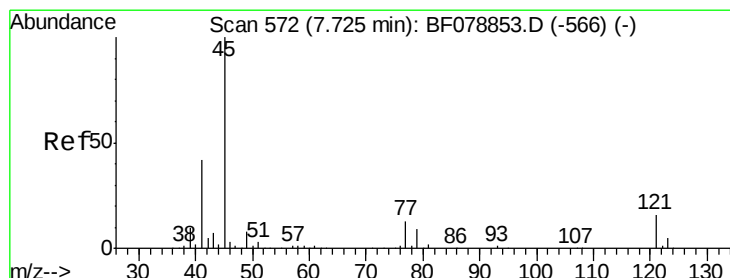
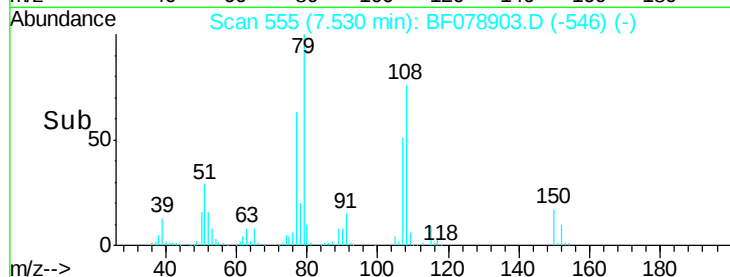
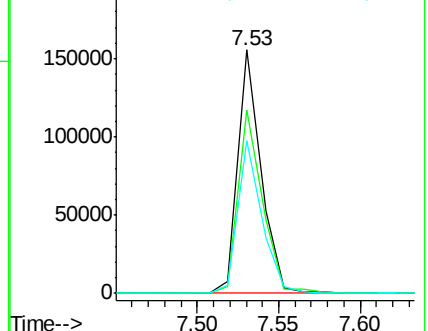
77 63.0 52.2 78.4



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: 4319.44 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

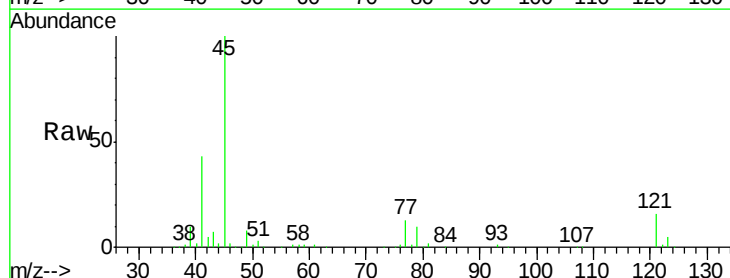
Tgt Ion: 45 Resp: 271879

Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.3

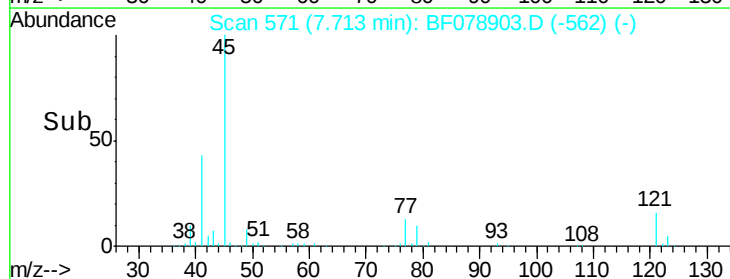
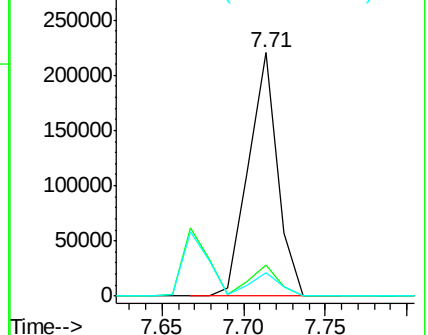
79 9.8 0.0 30.1

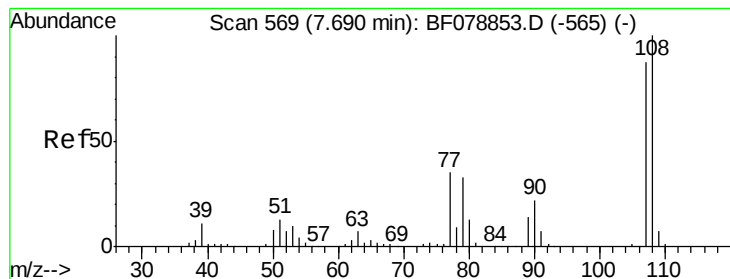


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 4453.16 ng

RT: 7.67 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB83092BS

Tot Ion:107 Resp: 148755

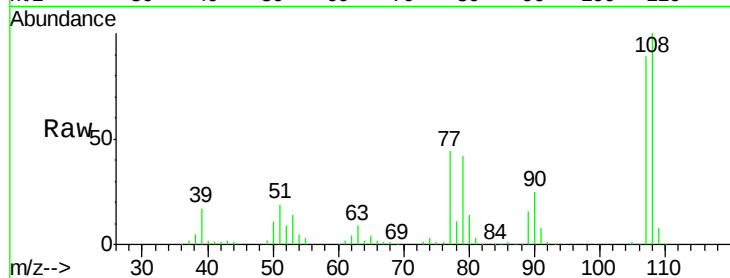
Ion Ratio Lower Upper

107 100

108 112.7 94.9 142.3

77 49.8 36.2 54.4

79 46.8 35.2 52.8

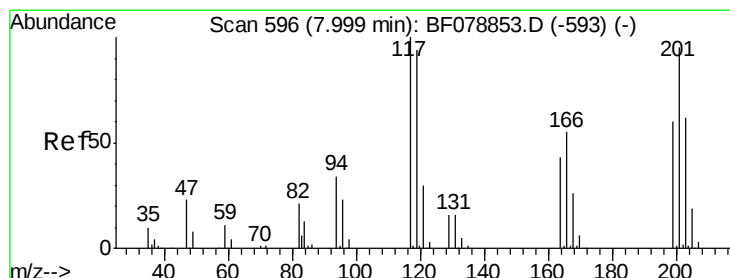
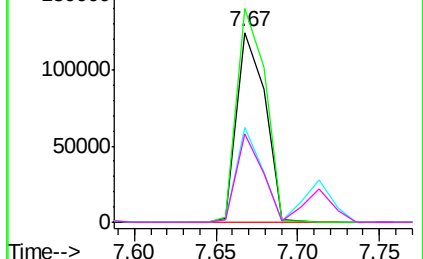
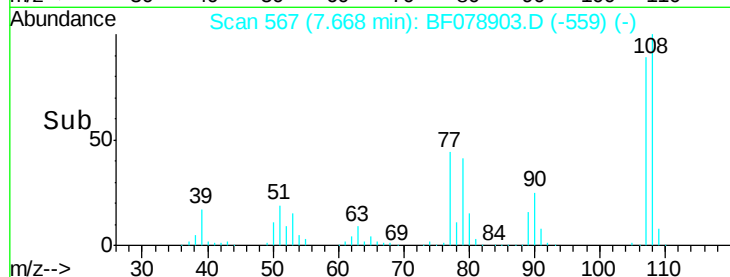


Abundance Ion 107.00 (106.70 to 107.70): E

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: 4128.20 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

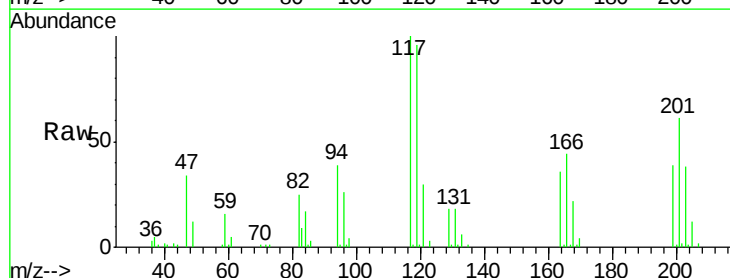
Tgt Ion:117 Resp: 68275

Ion Ratio Lower Upper

117 100

119 95.6 75.4 113.0

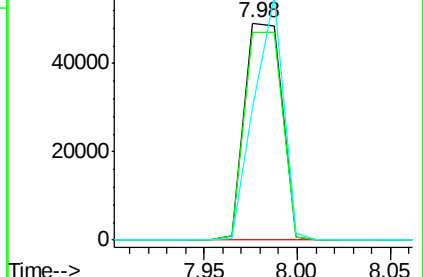
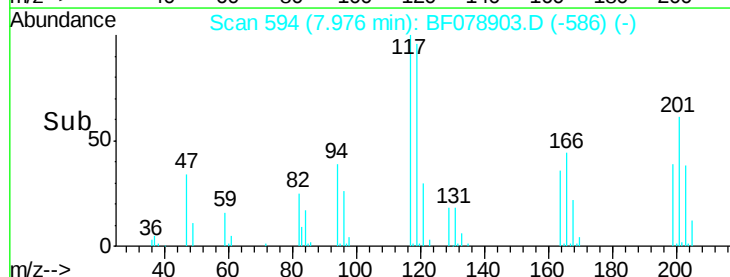
201 60.8 83.2 124.8#

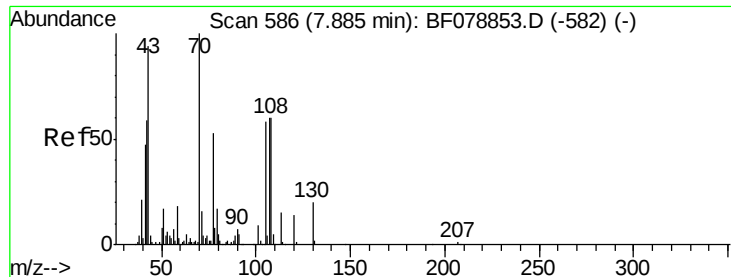


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

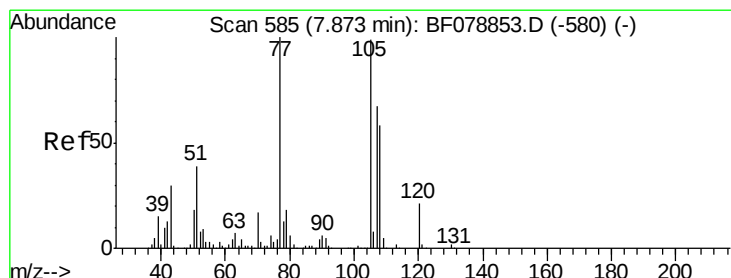
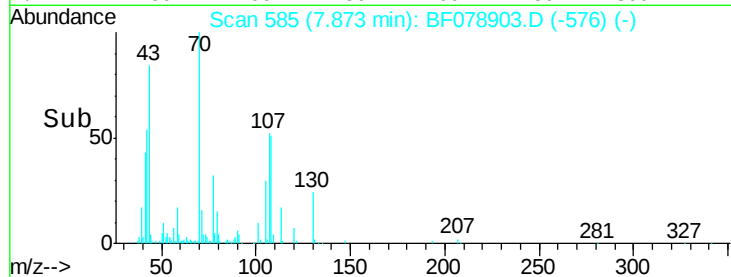
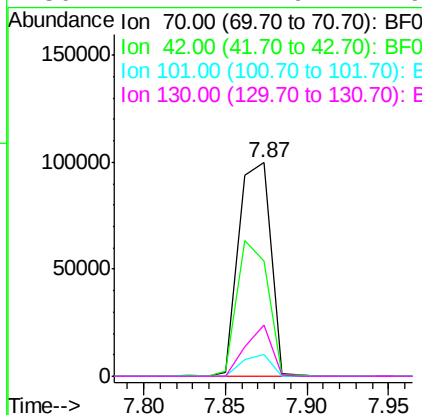
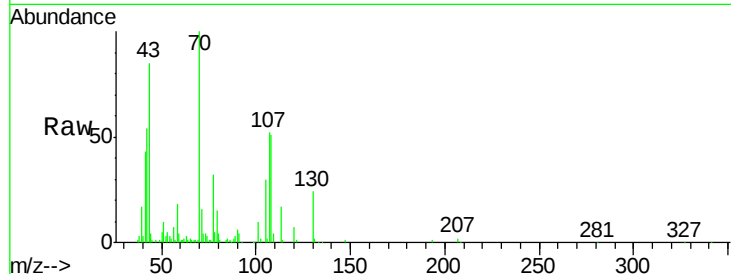




#19
n-Nitroso-di-n-propylamine
Concen: 4131.76 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF078903.D
Acq: 1 May 2015 20:14

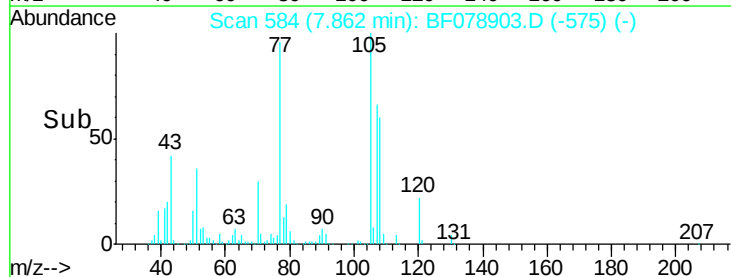
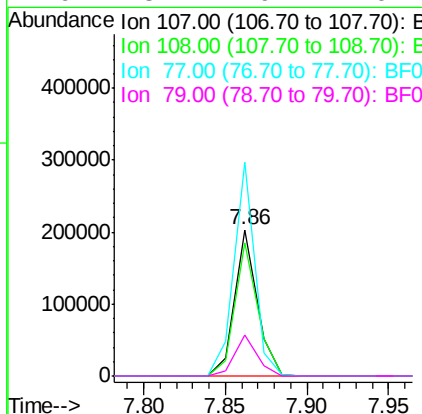
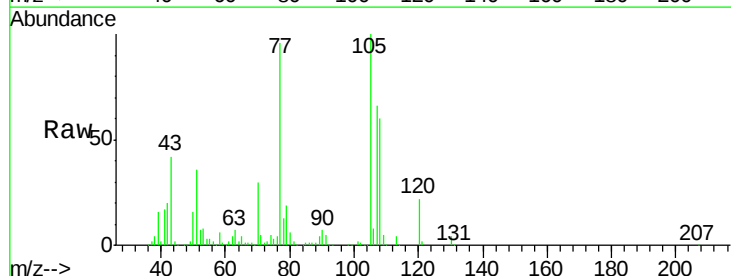
Instrument :
BNA_F
ClientSampleId :
PB83092BS

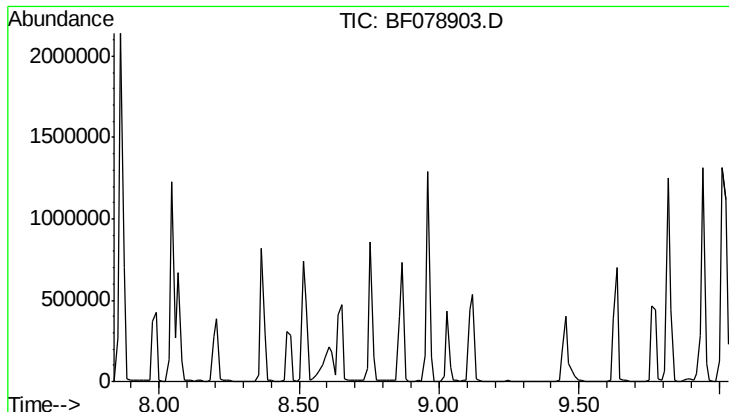
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	55.4	83.0#
101	10.1	6.6	10.0#
130	24.1	11.9	17.9#



#20
3+4-Methylphenols
Concen: 4364.35 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078903.D
Acq: 1 May 2015 20:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	76.9	116.9
77	146.2	136.8	176.8
79	28.4	9.7	49.7

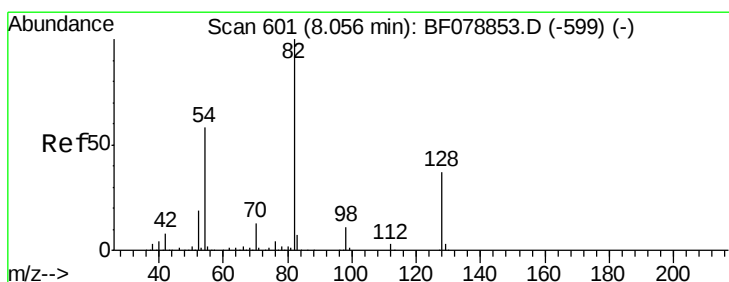
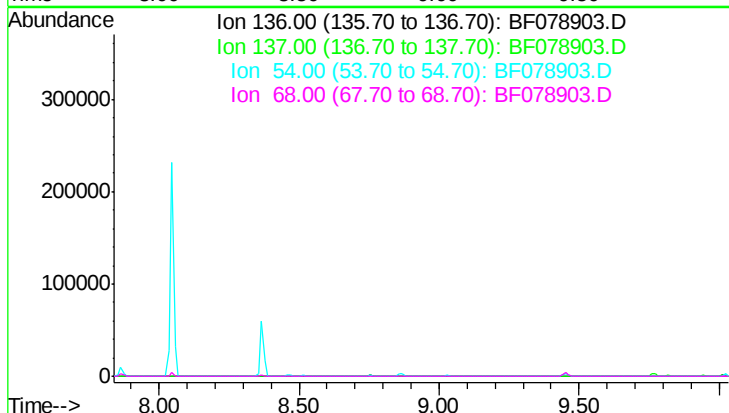




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.94 min
Lab File: BF078903.D
Acq: 1 May 2015 20:14

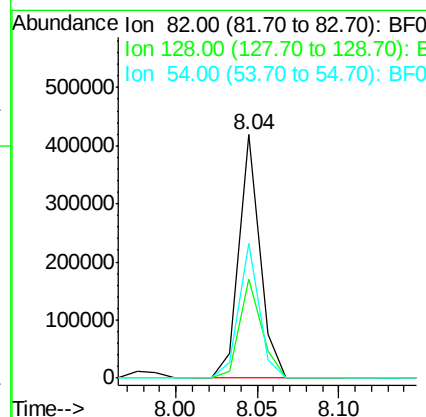
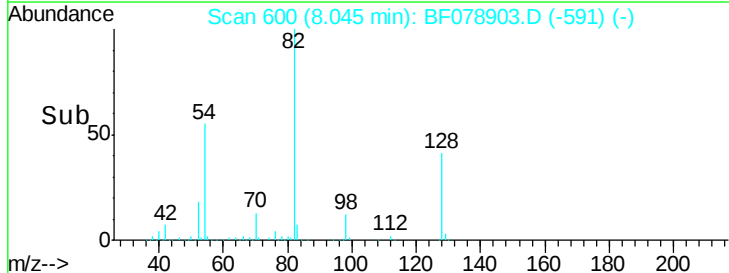
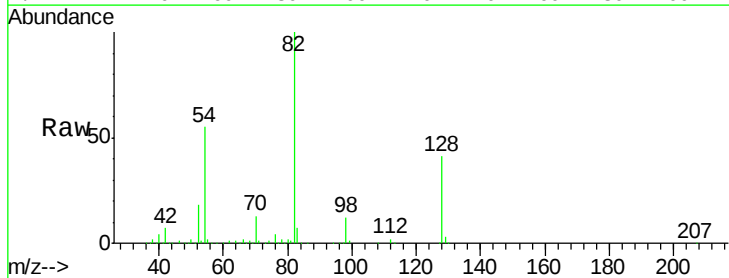
Instrument :
BNA_F
ClientSampleId :
PB83092BS

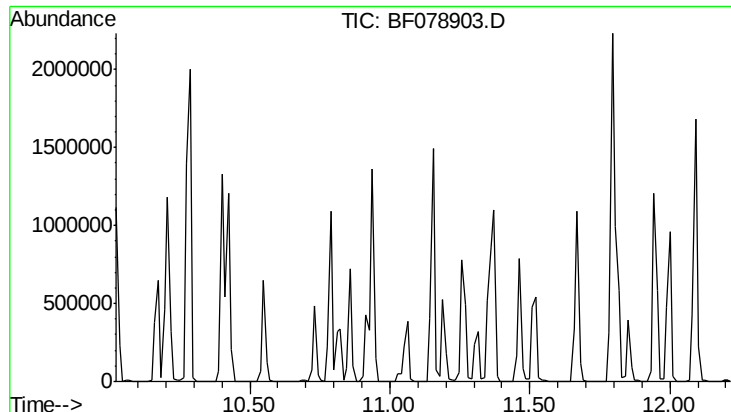
Tot Ion: 136
Sig Exp Ratio
136 100
137 10.9
54 7.3
68 5.3



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078903.D
Acq: 1 May 2015 20:14

Tgt Ion: 82 Resp: 369620
Ion Ratio Lower Upper
82 100
128 40.8 30.0 45.0
54 55.2 46.4 69.6





#38

Acenaphthene-d10

Concen: 0.00 ng

Expected RT: 11.12 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB83092BS

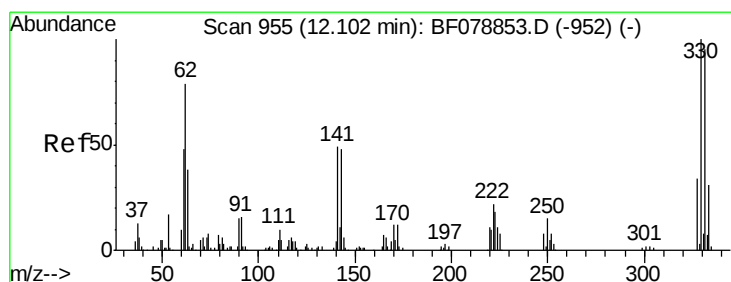
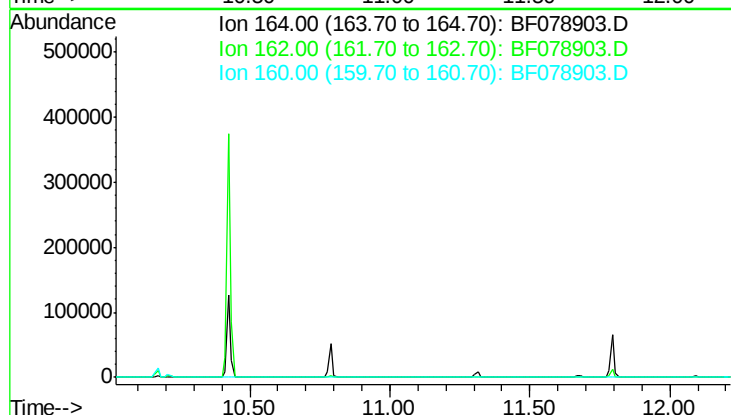
Tot Ion: 164

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: BF078903.D

Acq: 1 May 2015 20:14

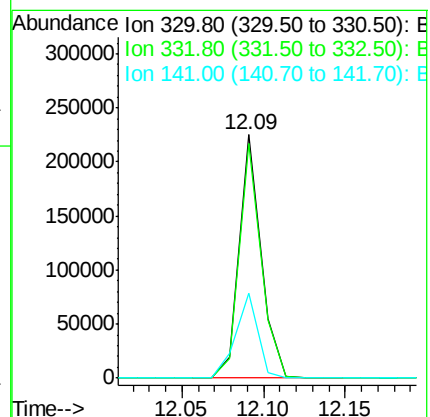
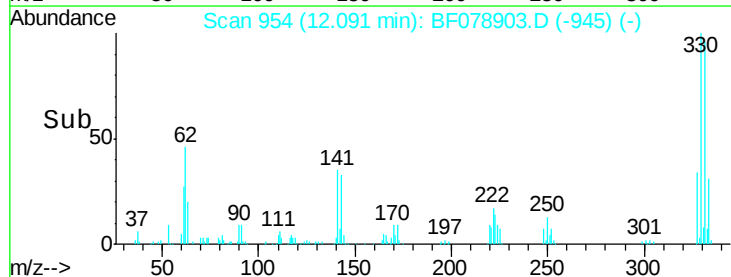
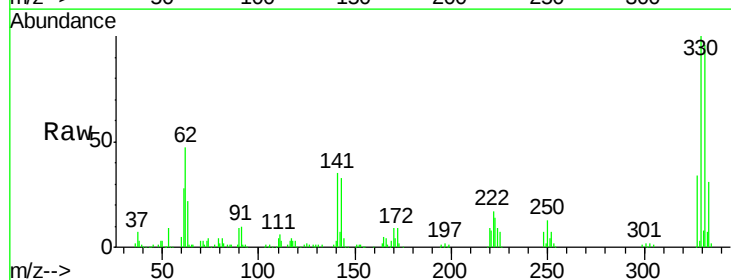
Tgt Ion: 330 Resp: 207034

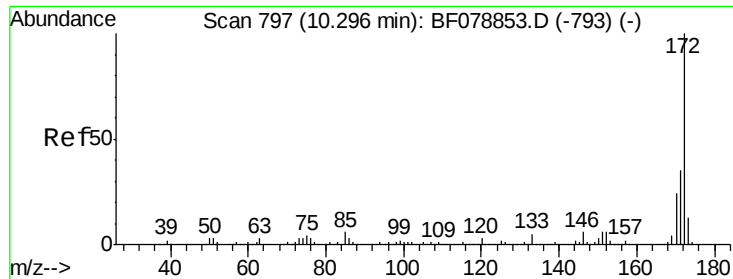
Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

141 35.3 0.0 0.0#

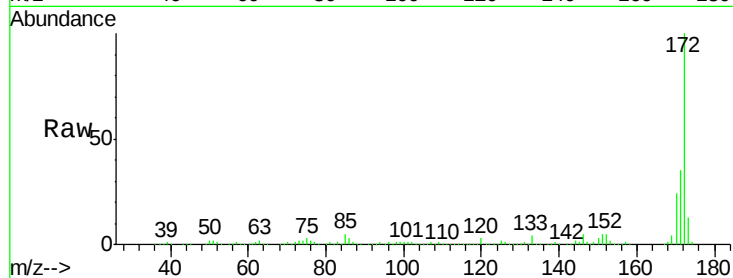




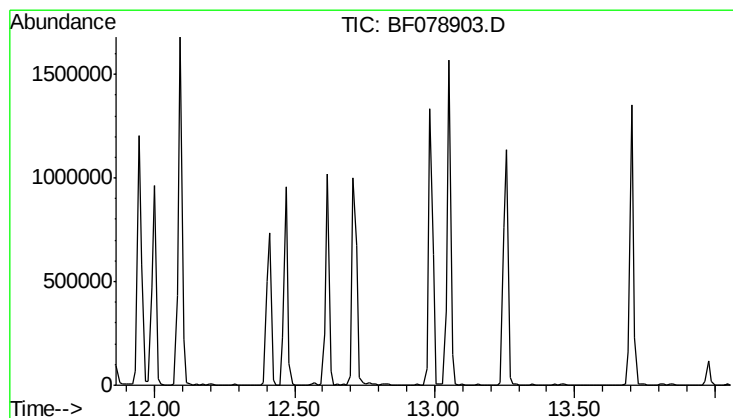
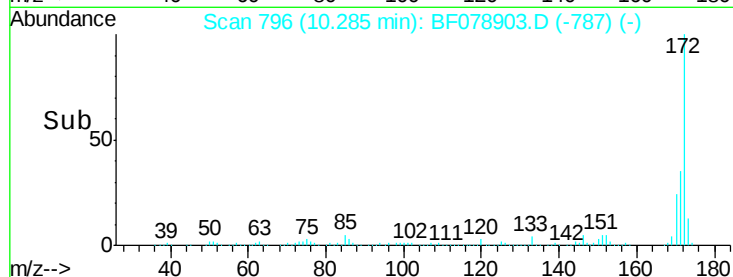
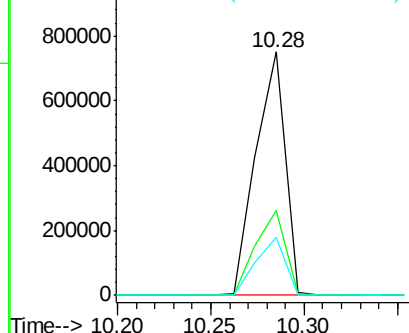
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078903.D
 Acq: 1 May 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

Tot Ion: 172 Resp: 814439
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 24.1 19.4 29.0



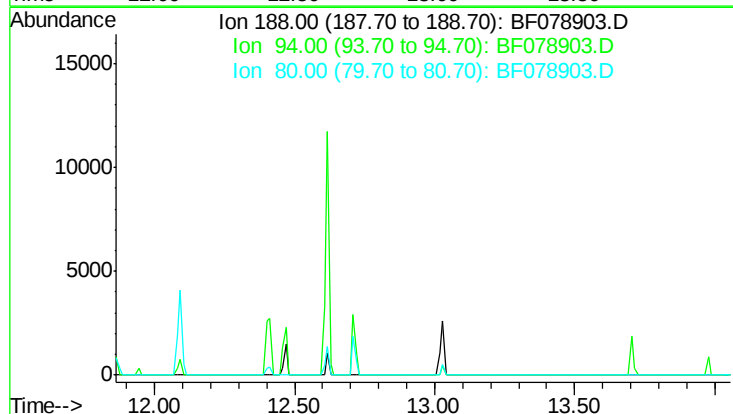
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

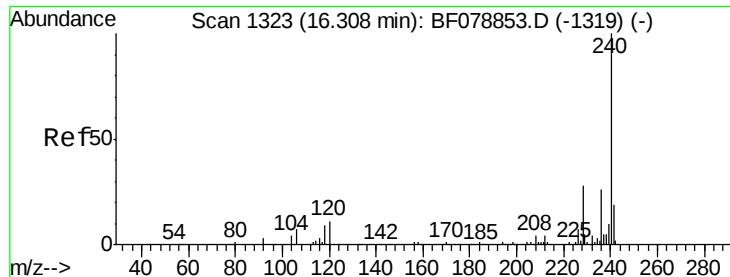


#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.96 min

Lab File: BF078903.D
 Acq: 1 May 2015 20:14

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.03 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB83092BS

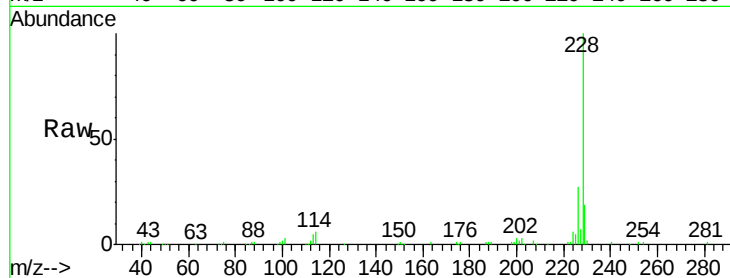
Tot Ion:240 Resp: 444

Ion Ratio Lower Upper

240 100

120 0.0 9.7 14.5#

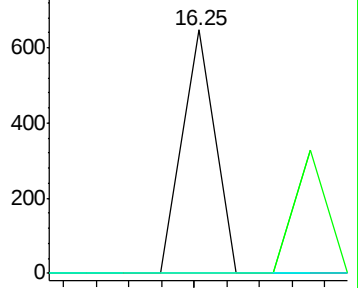
236 0.0 20.2 30.4#



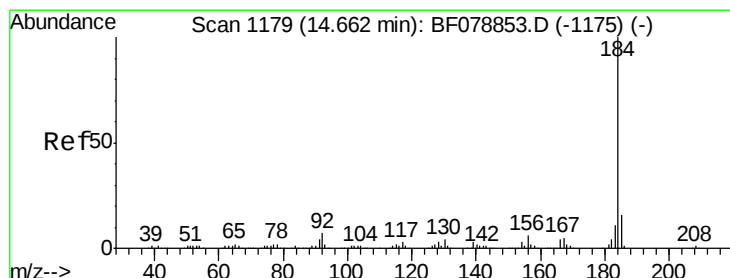
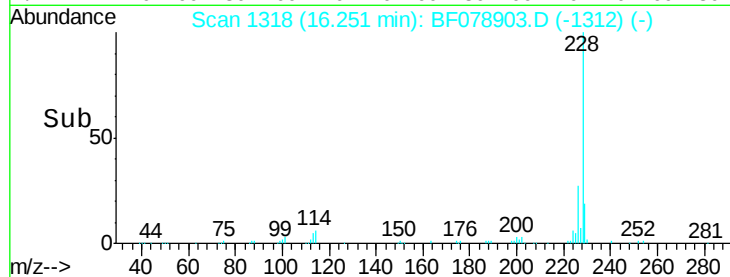
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 17442.51 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

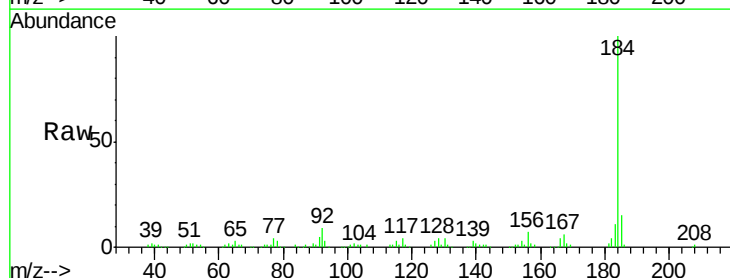
Tgt Ion:184 Resp: 208721

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

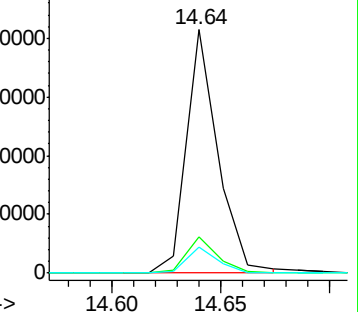
183 10.6 8.4 12.6



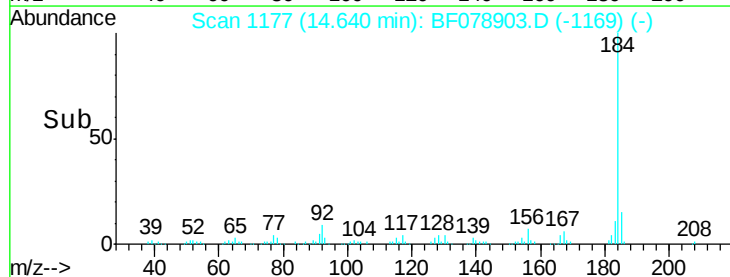
Abundance Ion 184.00 (183.70 to 184.70): E

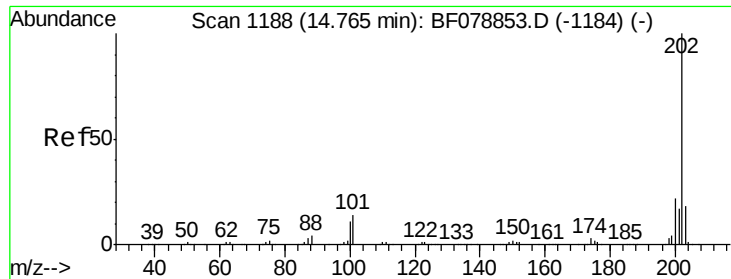
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

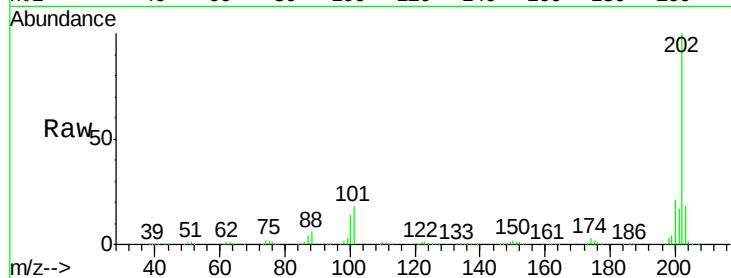




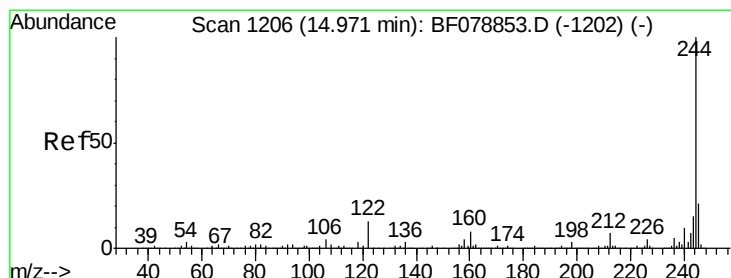
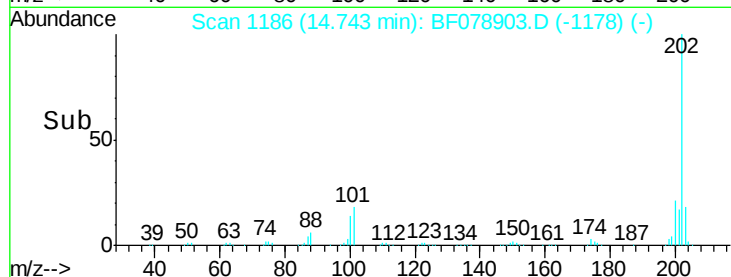
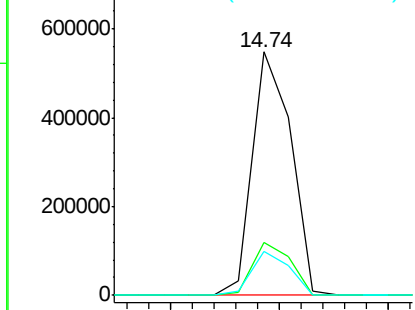
#77
Pvrene
Concen: 26604.77 ng
RT: 14.74 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF078903.D
Acq: 1 May 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB83092BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	18.2	13.9	20.9

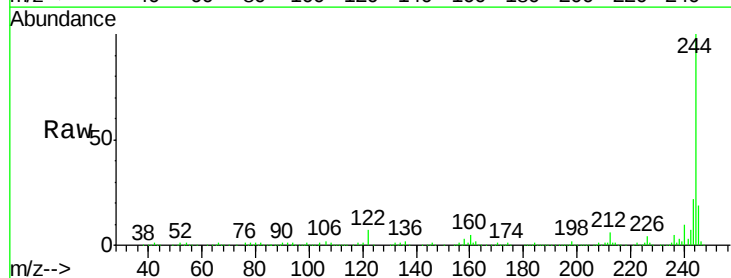


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

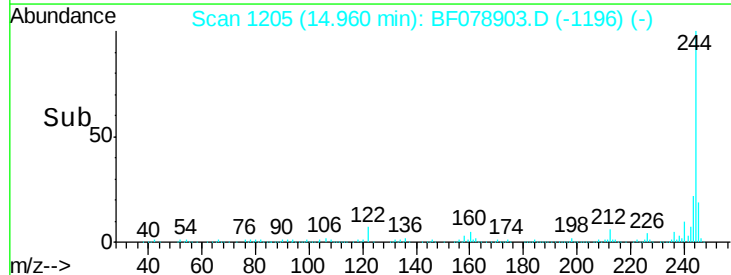
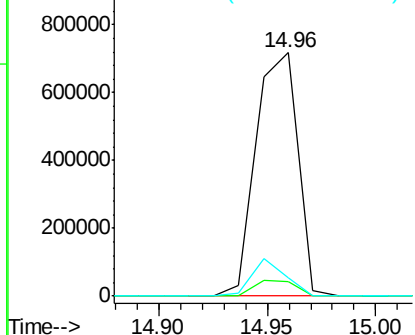


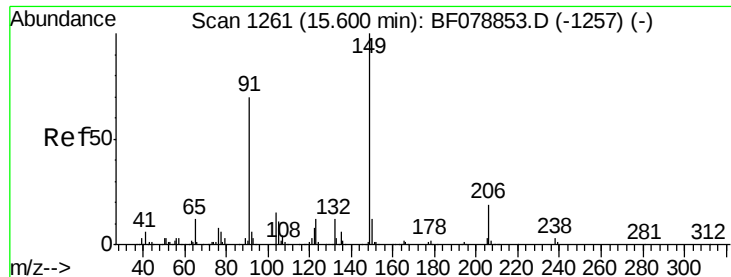
#78
Terphenyl-d14
Concen: 52209.64 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF078903.D
Acq: 1 May 2015 20:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.6	8.4
122	7.4	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

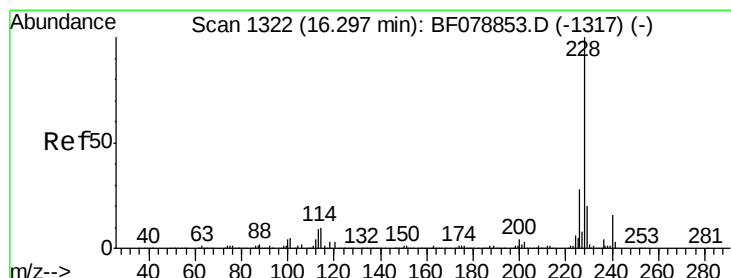
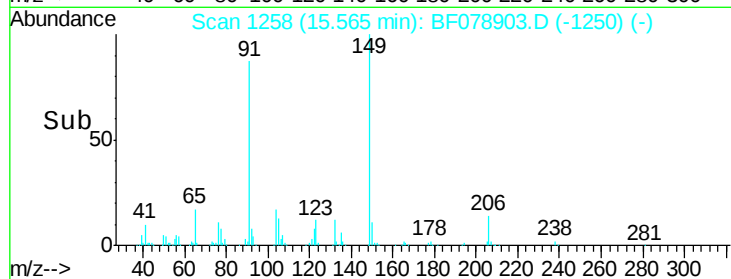
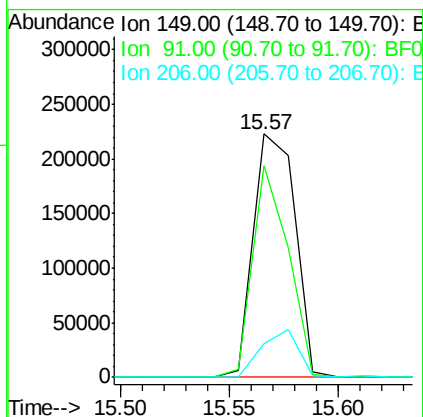
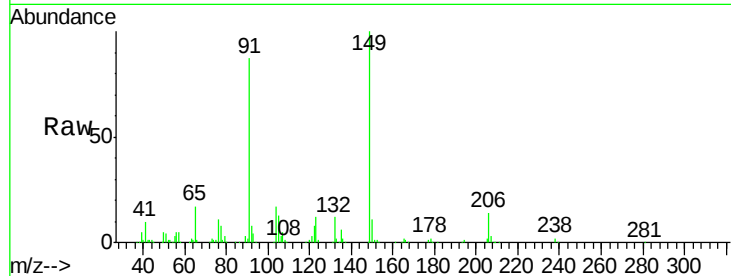




#79
Butylbenzylphthalate
Concen: 26922.34 ng
RT: 15.57 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF078903.D
Acq: 1 May 2015 20:14

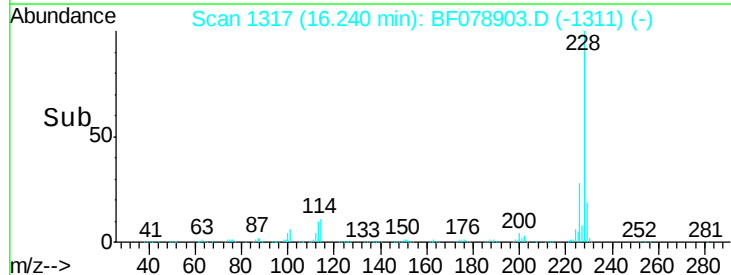
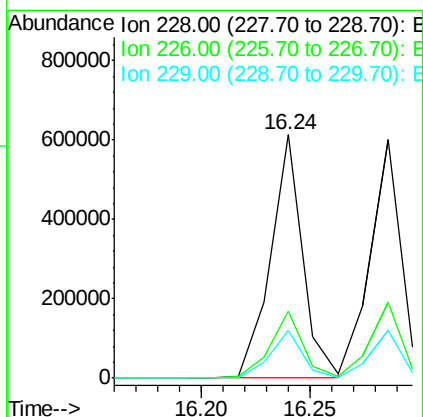
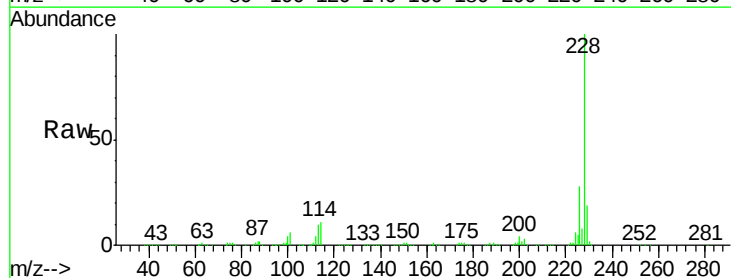
Instrument :
BNA_F
ClientSampleId :
PB83092BS

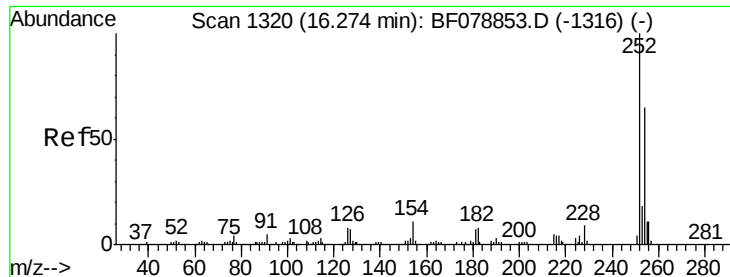
Tot Ion	Ratio	Lower	Upper
149	100		
91	86.9	64.6	97.0
206	13.6	12.2	18.4



#80
Benzo(a)anthracene
Concen: 26112.15 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF078903.D
Acq: 1 May 2015 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.4	15.9	23.9

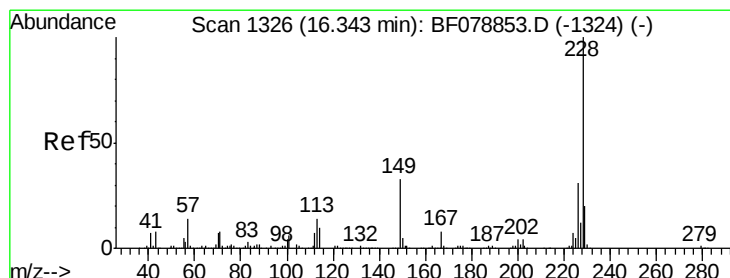
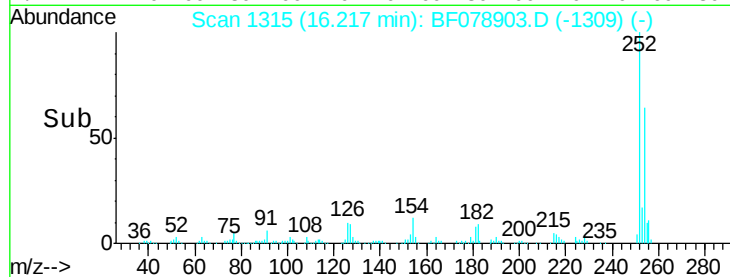
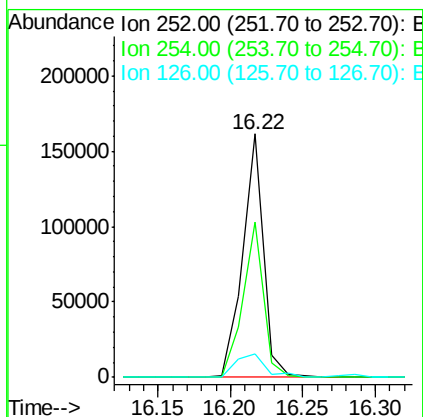
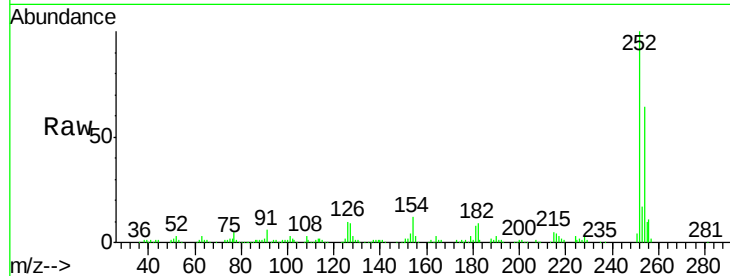




#81
 3,3'-Dichlorobenzidine
 Concen: 18591.30 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BF078903.D
 Acq: 1 May 2015 20:14

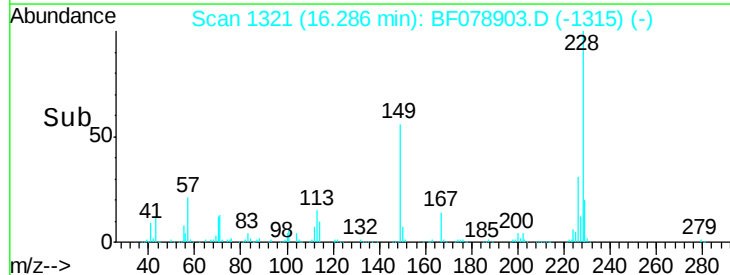
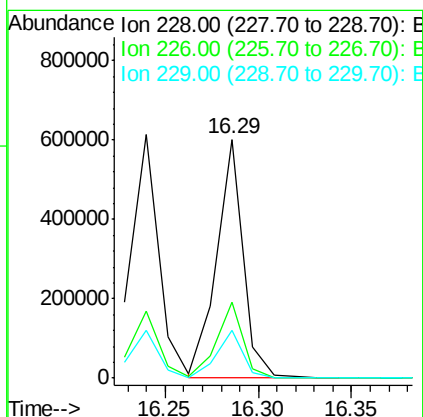
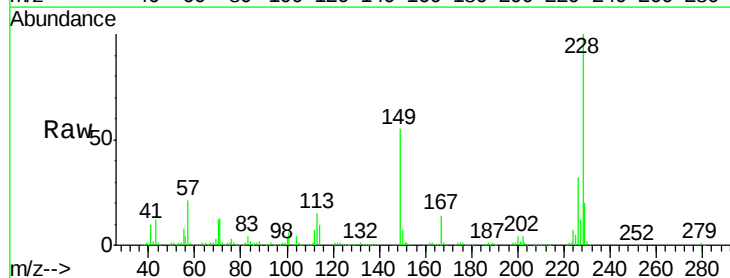
Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

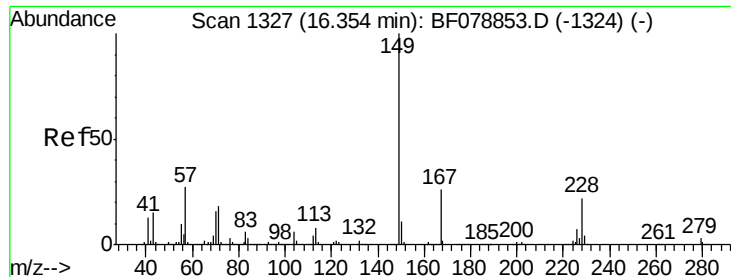
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	9.6	6.6	10.0



#82
 Chrysene
 Concen: 25558.81 ng
 RT: 16.29 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF078903.D
 Acq: 1 May 2015 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	19.9	16.0	24.0

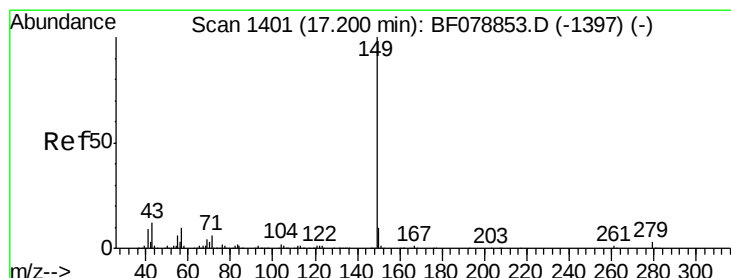
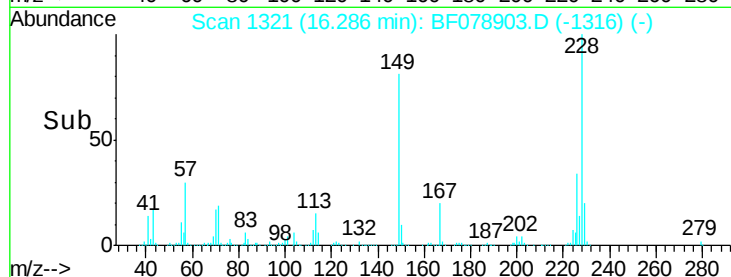
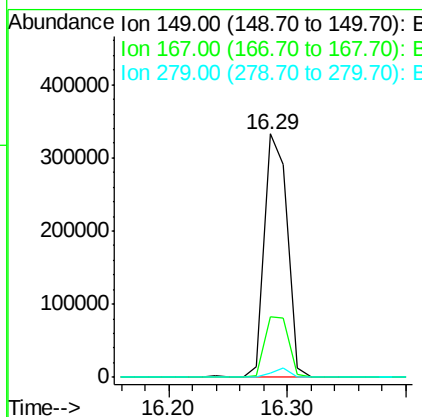
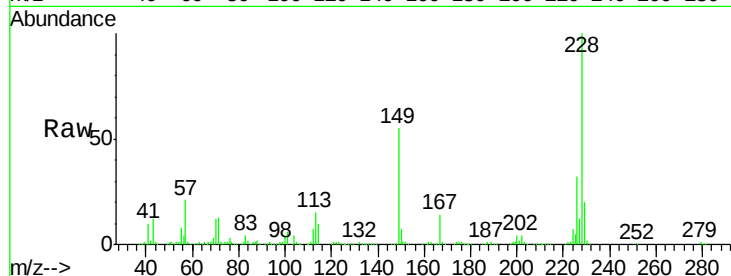




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26568.56 ng
 RT: 16.29 min Scan# 1321
 Delta R.T. -0.05 min
 Lab File: BF078903.D
 Acq: 1 May 2015 20:14

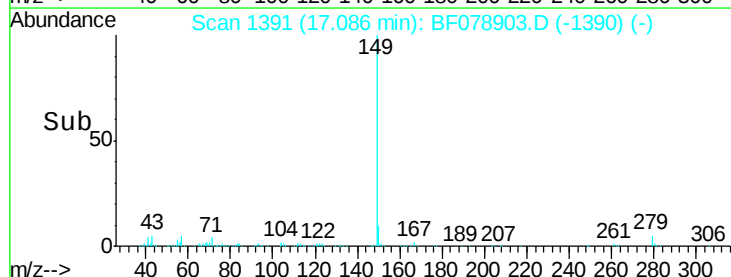
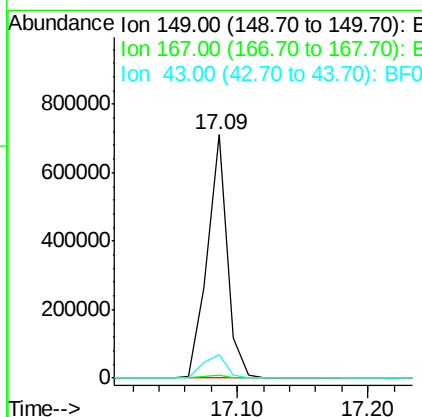
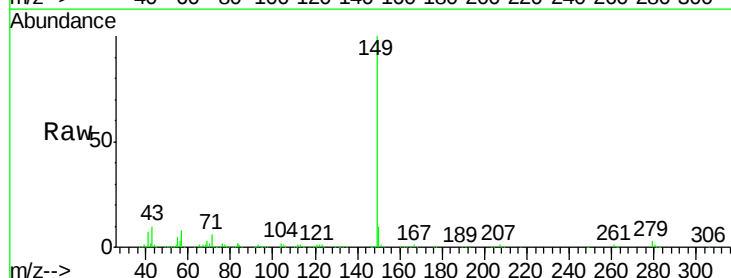
Instrument :
 BNA_F
 ClientSampleId :
 PB83092BS

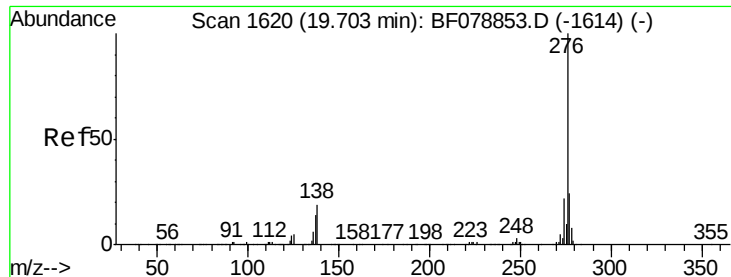
Tot Ion:149 Resp: 450069
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.8 32.8
 279 2.0 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 25405.36 ng
 RT: 17.09 min Scan# 1391
 Delta R.T. -0.09 min
 Lab File: BF078903.D
 Acq: 1 May 2015 20:14

Tgt Ion:149 Resp: 757956
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 10.9 0.0 0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 24981.45 ng

RT: 19.49 min Scan# 1601

Delta R.T. -0.16 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB83092BS

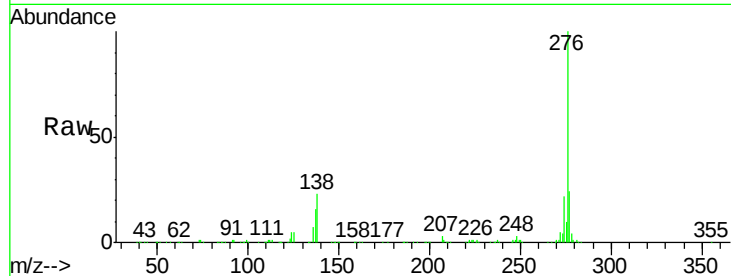
Tot Ion:276 Resp: 744340

Ion Ratio Lower Upper

276 100

138 25.8 0.0 0.0#

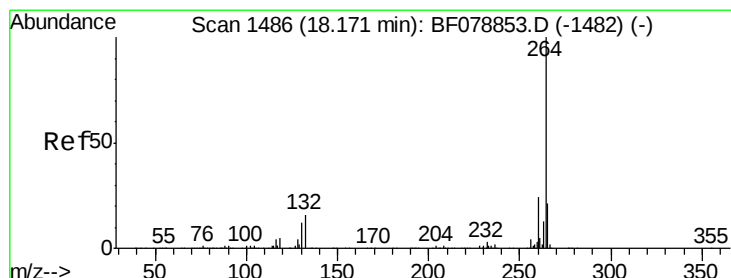
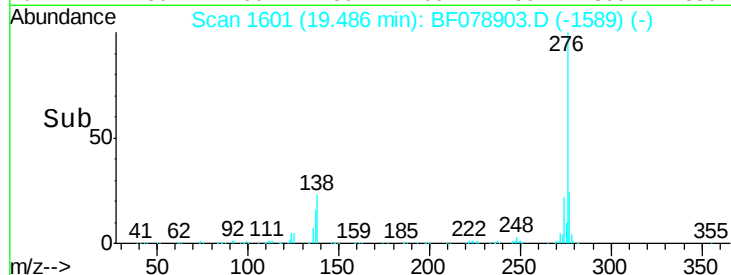
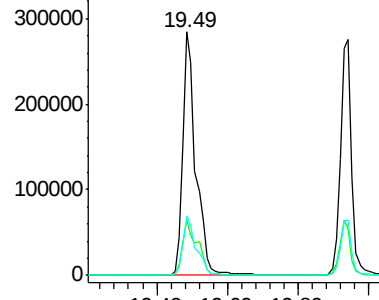
277 24.9 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.99 min Scan# 1470

Delta R.T. -0.14 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

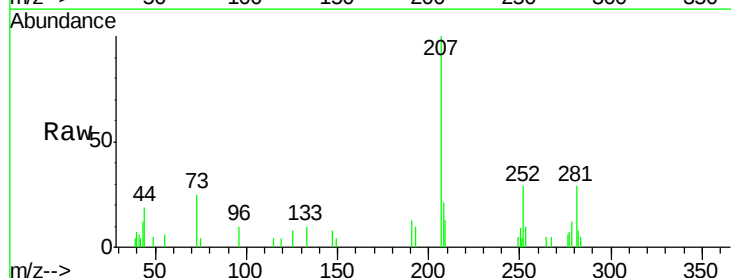
Tgt Ion:264 Resp: 258

Ion Ratio Lower Upper

264 100

260 0.0 19.4 29.2#

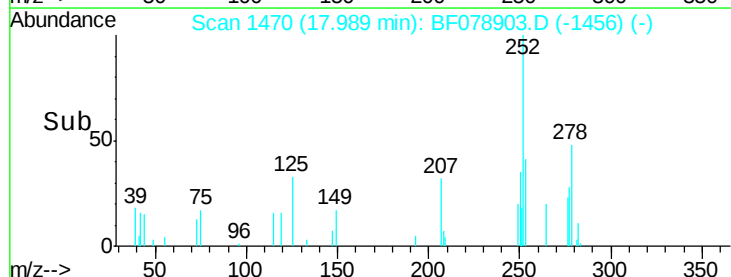
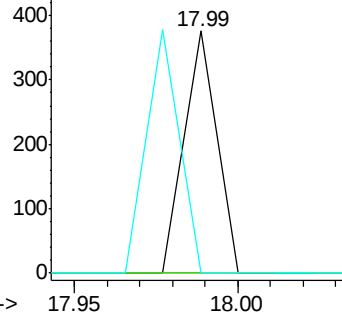
265 0.0 18.3 27.5#

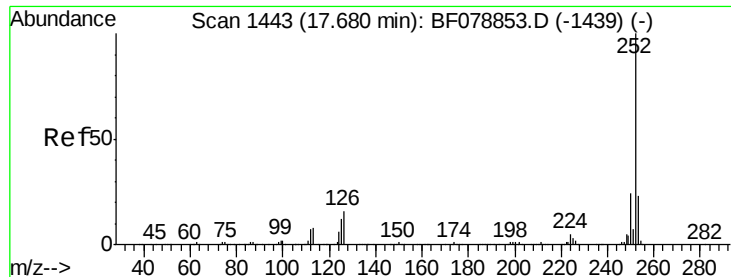


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45952.96 ng

RT: 17.54 min Scan# 1431

Delta R.T. -0.11 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB83092BS

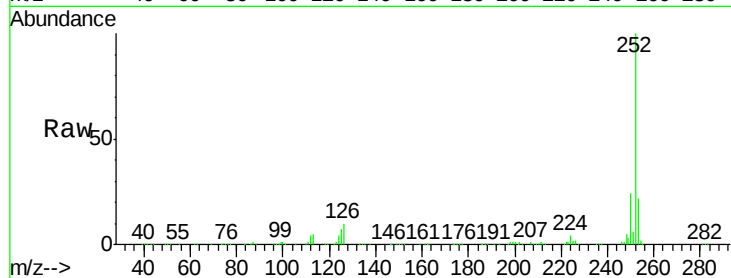
Tot Ion:252 Resp: 648933

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

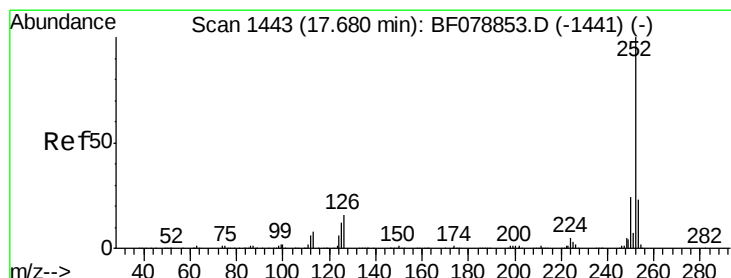
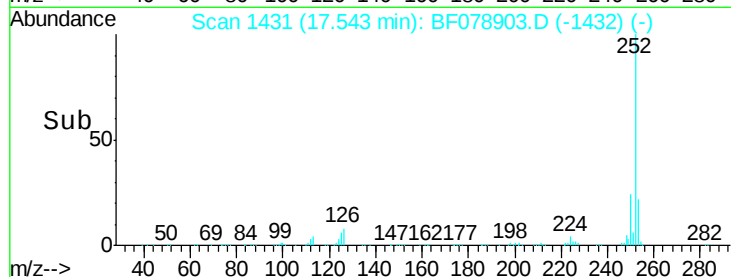
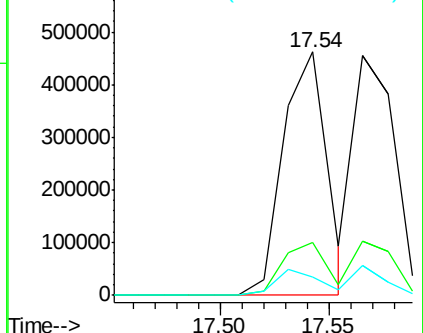
125 7.3 9.5 14.3#



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: 47477.30 ng

RT: 17.54 min Scan# 1431

Delta R.T. -0.15 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

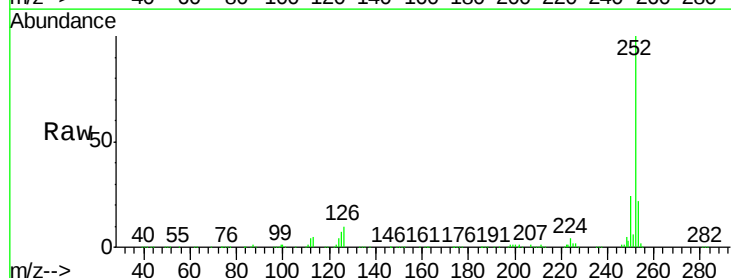
Tgt Ion:252 Resp: 649060

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

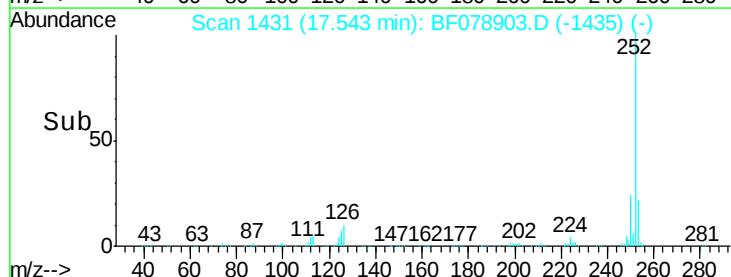
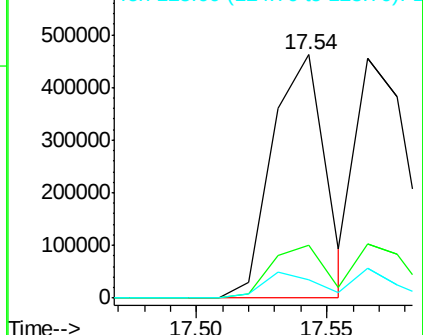
125 7.3 10.0 15.0#

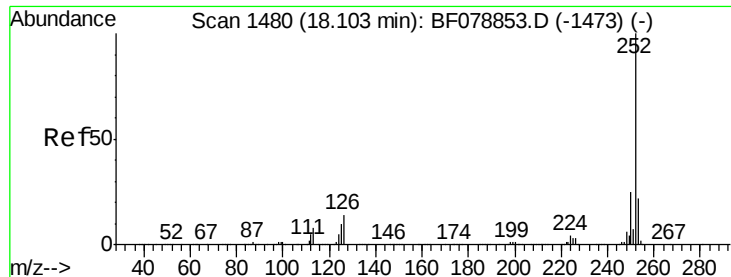


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45386.14 ng

RT: 17.92 min Scan# 1464

Delta R.T. -0.14 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB83092BS

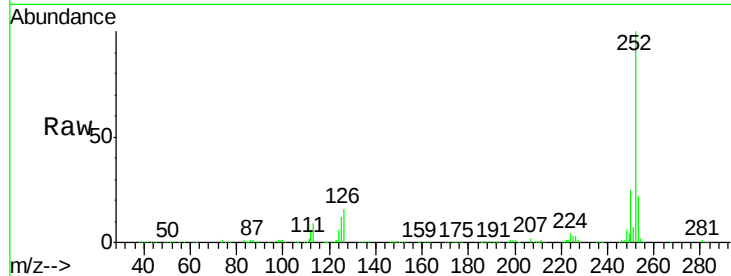
Tot Ion:252 Resp: 590155

Ion Ratio Lower Upper

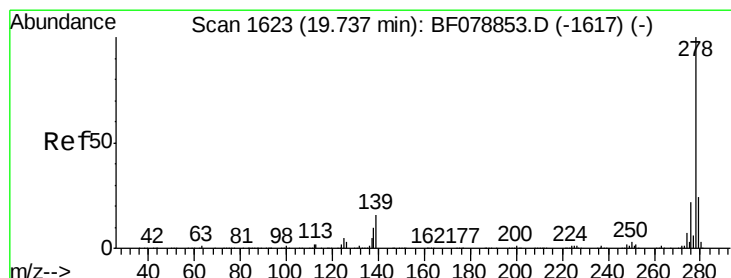
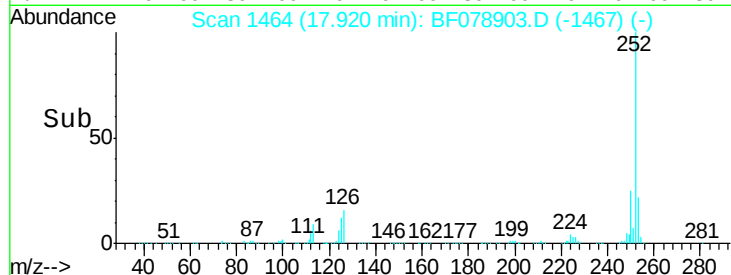
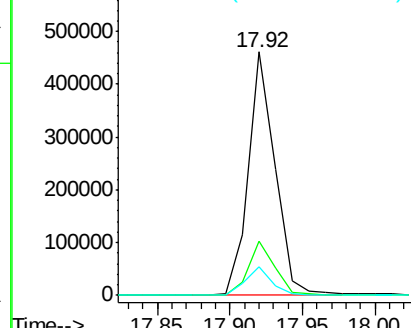
252 100

253 22.3 17.3 25.9

125 11.6 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: 43675.91 ng

RT: 19.52 min Scan# 1604

Delta R.T. -0.16 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

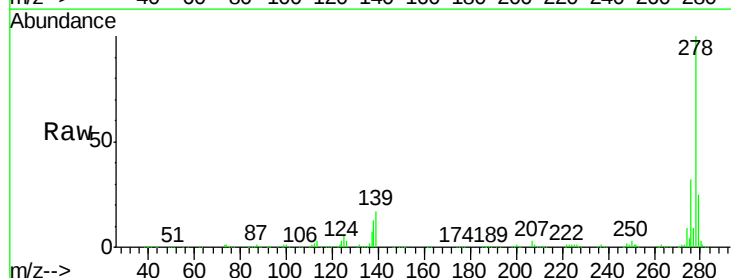
Tgt Ion:278 Resp: 603576

Ion Ratio Lower Upper

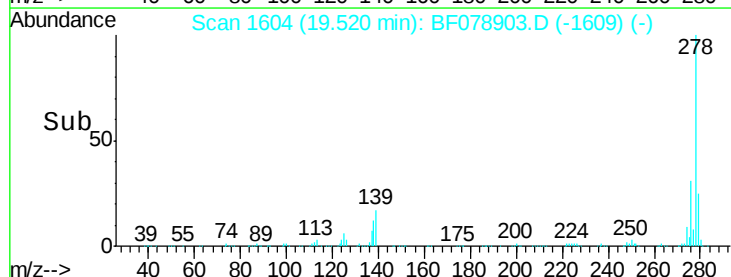
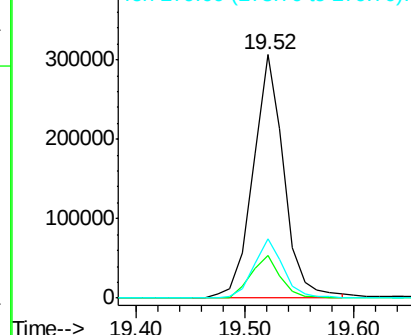
278 100

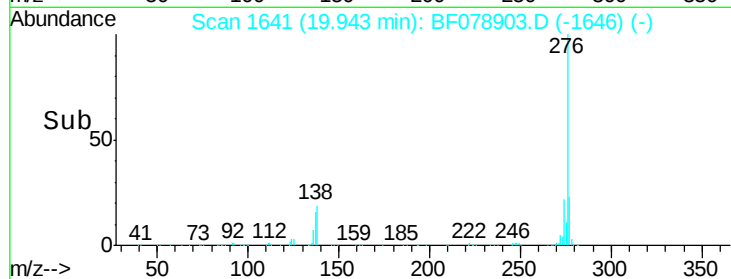
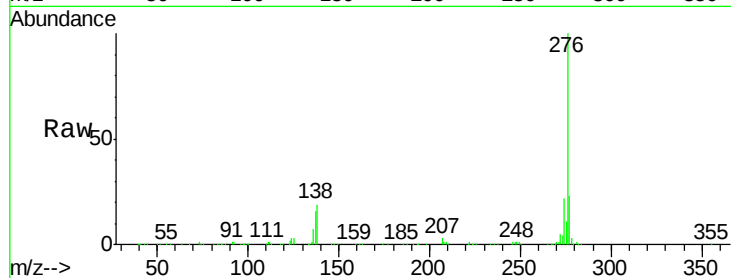
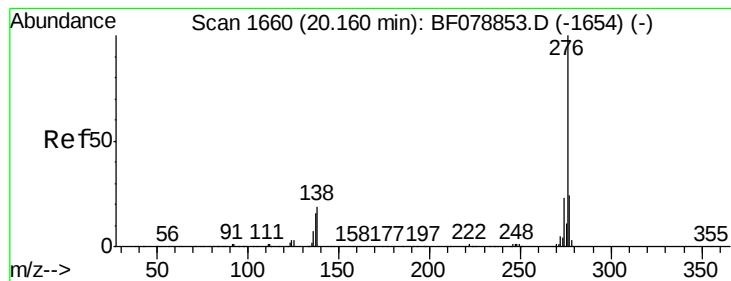
139 17.4 12.8 19.2

279 24.6 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: 43808.16 ng

RT: 19.94 min Scan# 1641

Delta R.T. -0.16 min

Lab File: BF078903.D

Acq: 1 May 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB83092BS

Tot Ion:276 Resp: 606774

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 19.5 17.4 26.0

