

Data File : BF095825.D

Acq On : 9 Jun 2017 17:11

Operator : SJ/MA

Sample : PB99623BS

Misc :

ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99623BS

Quant Time: Jun 12 06:06:25 2017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 05 16:15:31 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	64135	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	264532	20.00	ng	-0.04
38) Acenaphthene-d10	12.23	164	119723	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	217142	20.00	ng	-0.03
75) Chrysene-d12	18.34	240	164104	20.00	ng	-0.02
86) Perylene-d12	20.00	264	118995	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	592055	147.10	ng	0.00
7) Phenol-d6	6.94	99	684392	142.03	ng	-0.02
23) Nitrobenzene-d5	8.29	82	397818	93.40	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	148007	139.73	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	793427	92.22	ng	-0.03
78) Terphenyl-d14	17.00	244	700653	105.96	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	72758	38.00	ng	95
3) Pyridine	2.32	79	191980	42.66	ng	99
4) n-Nitrosodimethylamine	2.28	42	79099	46.23	ng	82
6) Aniline	6.87	93	186798	29.63	ng	93
8) 2-Chlorophenol	7.06	128	209597	48.98	ng	96
9) Benzaldehyde	6.67	77	82765	25.46	ng	98
10) Phenol	6.96	94	256645	51.34	ng	87
11) bis(2-Chloroethyl)ether	7.02	93	186567	47.12	ng	97
12) 1,3-Dichlorobenzene	7.27	146	218175	45.04	ng	97
13) 1,4-Dichlorobenzene	7.39	146	223737	45.55	ng	96
14) 1,2-Dichlorobenzene	7.63	146	209844	46.34	ng	96
15) Benzyl Alcohol	7.67	79	167504	50.65	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.87	45	256596	46.12	ng	96
17) 2-Methylphenol	7.90	107	171452	47.74	ng	95
18) Hexachloroethane	8.15	117	75947	46.81	ng	# 83
19) n-Nitroso-di-n-propylamine	8.10	70	143362	46.95	ng	93
20) 3+4-Methylphenols	8.16	107	226245	49.63	ng	# 58
22) Acetophenone	8.06	105	285030	46.03	ng	# 84
24) Nitrobenzene	8.32	77	201519	44.29	ng	94
25) Isophorone	8.72	82	361376	45.44	ng	96
26) 2-Nitrophenol	8.83	139	114983	48.26	ng	97
27) 2,4-Dimethylphenol	8.98	122	183918	49.74	ng	97
28) bis(2-Chloroethoxy)methane	9.10	93	234953	44.82	ng	98
29) 2,4-Dichlorophenol	9.25	162	175192	49.20	ng	98
30) 1,2,4-Trichlorobenzene	9.33	180	166786	45.01	ng	98
31) Naphthalene	9.43	128	594589	44.79	ng	99
32) Benzoic acid	9.31	122	46590	23.13	ng	97
33) 4-Chloroaniline	9.59	127	117444	22.63	ng	# 93
34) Hexachlorobutadiene	9.66	225	84349	44.06	ng	99
35) Caprolactam	10.23	113	54261m	51.21	ng	
36) 4-Chloro-3-methylphenol	10.46	107	179810	48.24	ng	88
37) 2-Methylnaphthalene	10.56	142	401310	44.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	160007	44.66	ng	98
40) Hexachlorocyclopentadiene	10.82	237	93094	82.48	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
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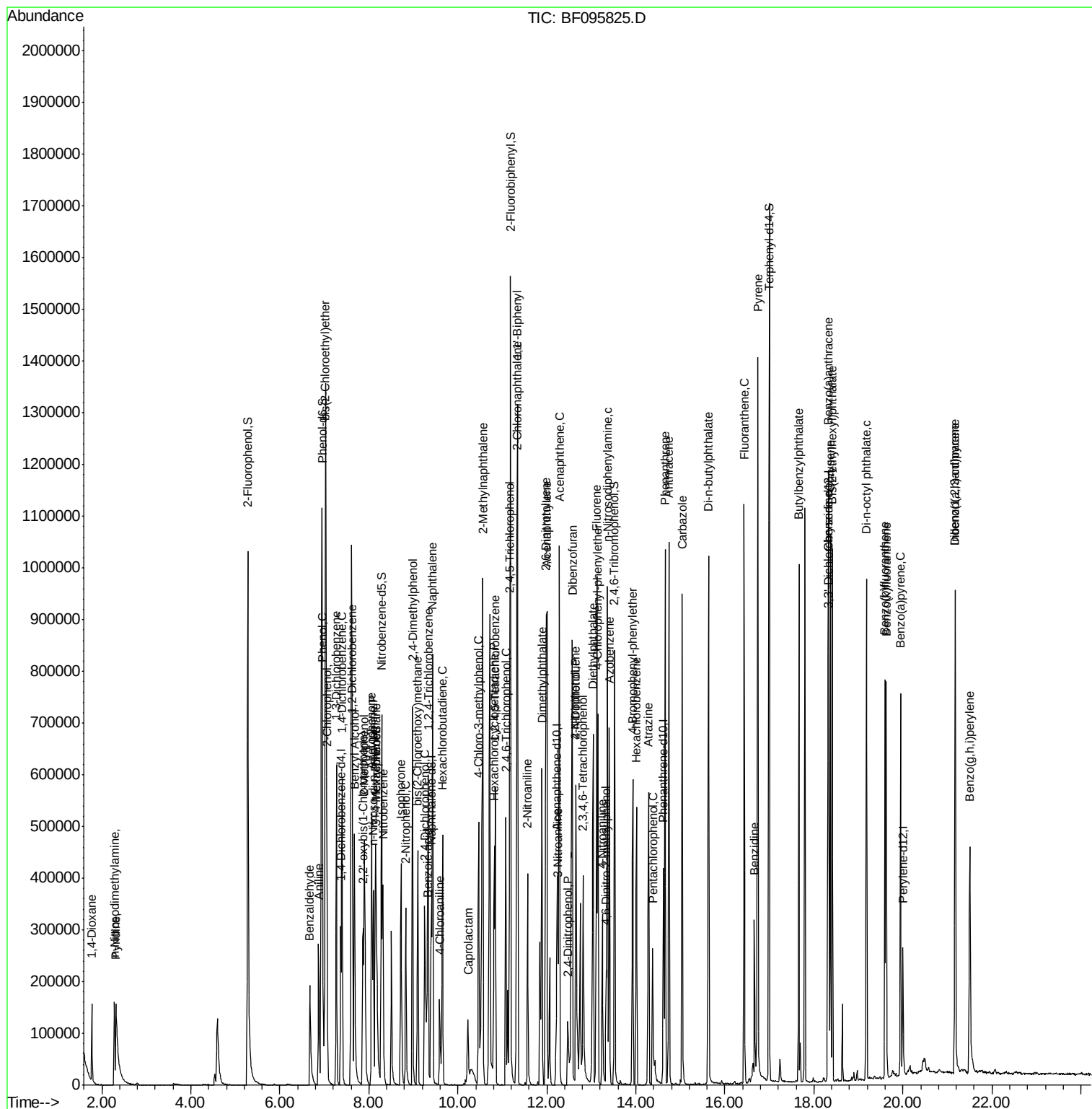
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	108163	46.95	ng	99
43) 2,4,5-Trichlorophenol	11.16	196	110251	44.99	ng #	91
45) 1,1'-Biphenyl	11.33	154	451723	45.78	ng	97
46) 2-Chloronaphthalene	11.34	162	352344	45.70	ng	94
47) 2-Nitroaniline	11.57	65	106024	46.99	ng #	78
48) Acenaphthylene	12.00	152	566517	42.97	ng	99
49) Dimethylphthalate	11.89	163	416735	45.84	ng	98
50) 2,6-Dinitrotoluene	11.98	165	91467	46.13	ng #	81
51) Acenaphthene	12.28	154	332751	43.70	ng	99
52) 3-Nitroaniline	12.24	138	66580	28.82	ng	88
53) 2,4-Dinitrophenol	12.47	184	47928	45.71	ng #	66
54) Dibenzofuran	12.57	168	510783	47.66	ng	98
55) 4-Nitrophenol	12.64	139	114871	84.87	ng #	72
56) 2,4-Dinitrotoluene	12.65	165	127618	47.65	ng #	87
57) Fluorene	13.12	166	411968	44.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	80566	48.05	ng	97
59) Diethylphthalate	13.04	149	409688	46.83	ng	99
60) 4-Chlorophenyl-phenylether	13.15	204	181580	44.77	ng #	86
61) 4-Nitroaniline	13.25	138	98767	45.79	ng	95
62) Azobenzene	13.40	77	377607	47.63	ng	95
64) 4,6-Dinitro-2-methylphenol	13.33	198	49993	35.03	ng #	69
65) n-Nitrosodiphenylamine	13.36	169	354073	45.38	ng	98
66) 4-Bromophenyl-phenylether	13.93	248	104721	46.40	ng	98
67) Hexachlorobenzene	14.02	284	103828	46.69	ng #	92
68) Atrazine	14.29	200	105075	48.39	ng	98
69) Pentachlorophenol	14.37	266	59070	70.88	ng	99
70) Phenanthrene	14.66	178	587779	46.91	ng	98
71) Anthracene	14.74	178	611360	46.74	ng	98
72) Carbazole	15.04	167	565706	44.38	ng	98
73) Di-n-butylphthalate	15.63	149	664131	48.97	ng	98
74) Fluoranthene	16.44	202	602154	48.56	ng	99
76) Benzidine	16.66	184	172773	27.41	ng #	93
77) Pyrene	16.74	202	608255	49.68	ng	98
79) Butylbenzylphthalate	17.66	149	280024	52.36	ng #	86
80) Benzo(a)anthracene	18.33	228	457740	47.98	ng	98
81) 3,3'-Dichlorobenzidine	18.31	252	95395	28.12	ng #	95
82) Chrysene	18.37	228	432544	45.36	ng	99
83) Bis(2-ethylhexyl)phthalate	18.42	149	383178	50.80	ng #	99
84) Di-n-octyl phthalate	19.18	149	563507	45.33	ng	95
85) Indeno(1,2,3-cd)pyrene	21.17	276	358905	43.99	ng	99
87) Benzo(b)fluoranthene	19.60	252	336210	45.12	ng	98
88) Benzo(k)fluoranthene	19.63	252	340724m	47.84	ng	
89) Benzo(a)pyrene	19.94	252	320403	46.78	ng	97
90) Dibenzo(a,h)anthracene	21.18	278	299837	51.61	ng	97
91) Benzo(g,h,i)perylene	21.50	276	317684	53.64	ng	97

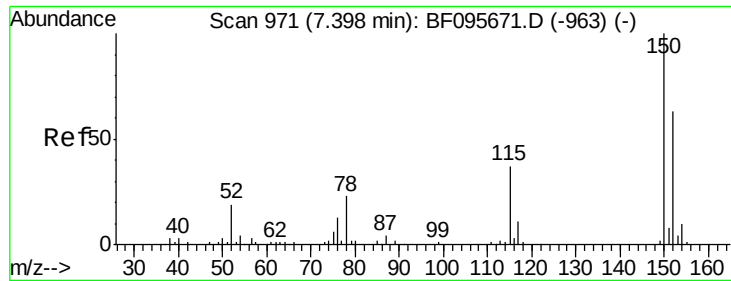
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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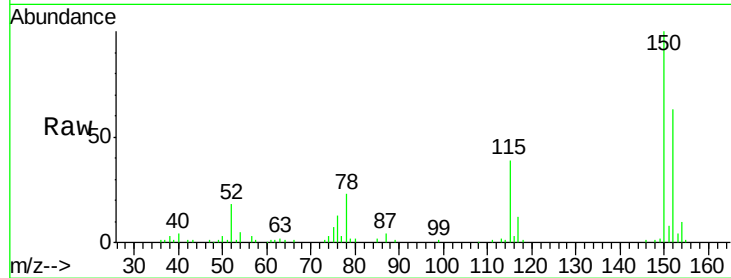


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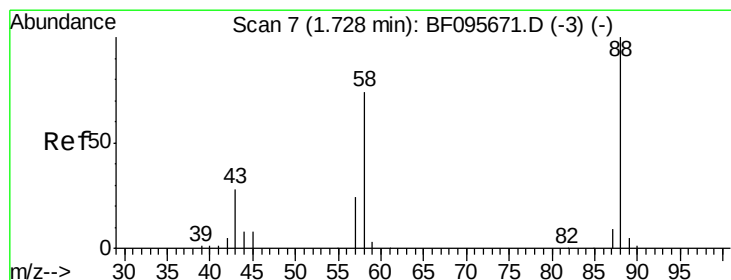
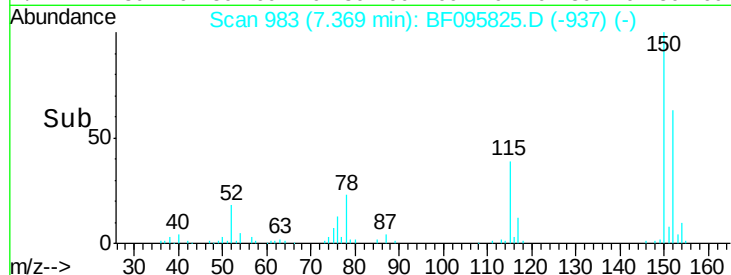
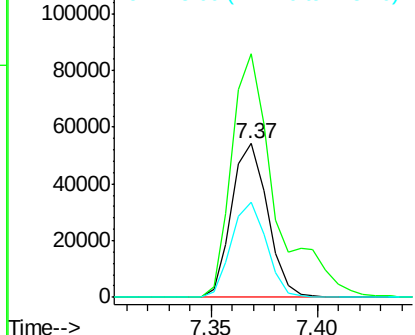
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095825.D
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Instrument :
BNA_F
ClientSampleId :
PB99623BS

Tgt Ion: 152 Resp: 64135
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 61.9 52.2 78.2



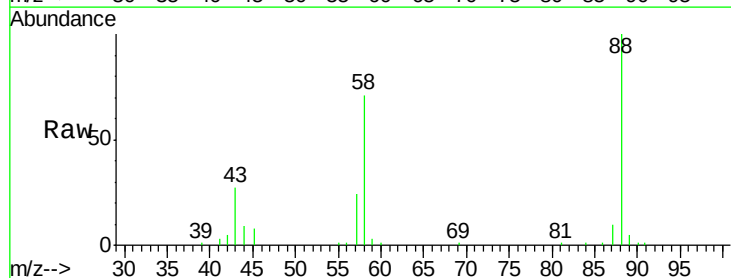
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



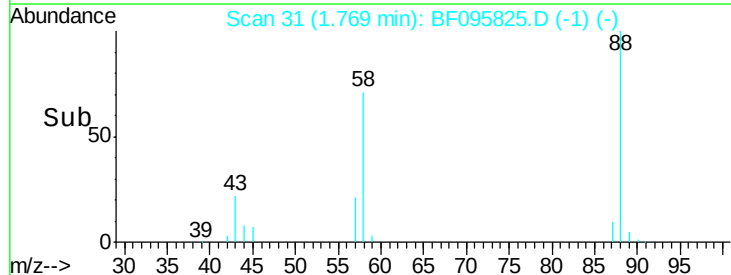
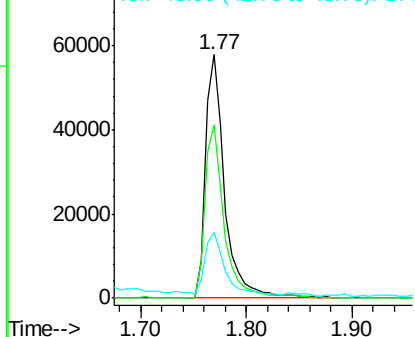
#2

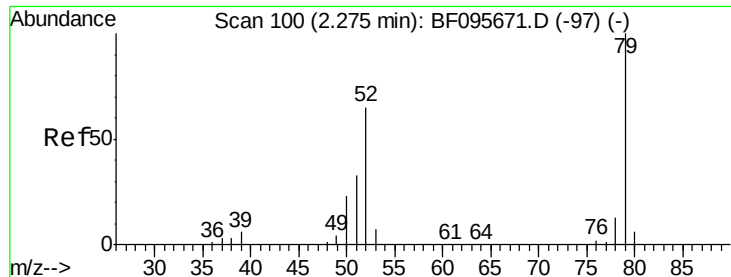
1,4-Dioxane
Concen: 38.00 ng
RT: 1.77 min Scan# 31
Delta R.T. 0.04 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion: 88 Resp: 72758
Ion Ratio Lower Upper
88 100
58 71.4 61.4 92.0
43 27.6 23.4 35.0



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



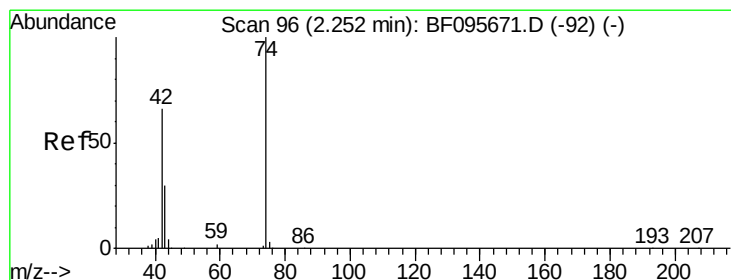
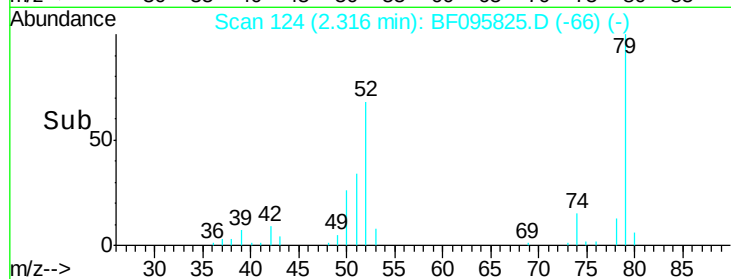
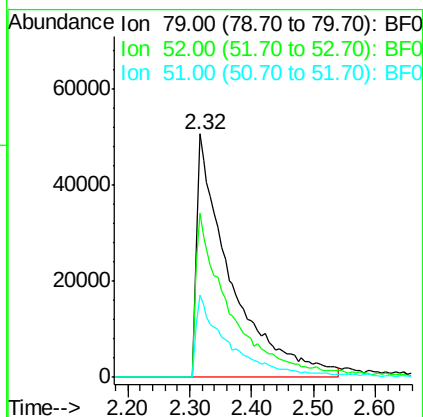
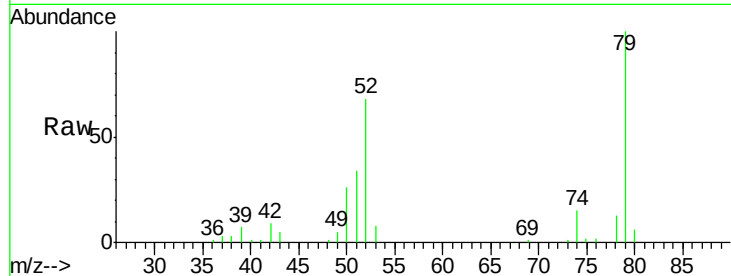


#3
Pyridine
 Concen: 42.66 ng
 RT: 2.32 min Scan# 124
 Delta R.T. 0.04 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

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Tgt Ion: 79 Resp: 191980

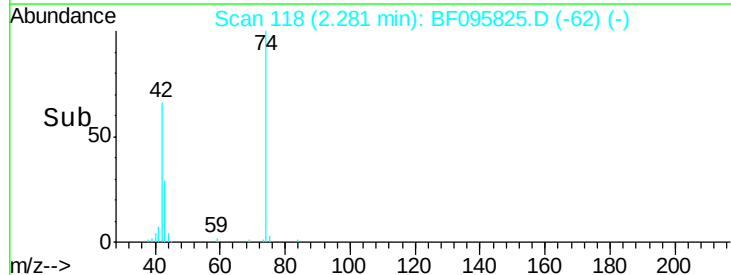
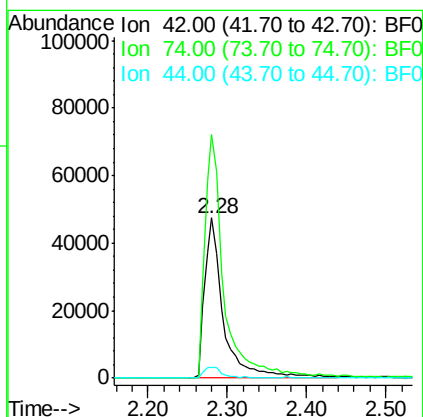
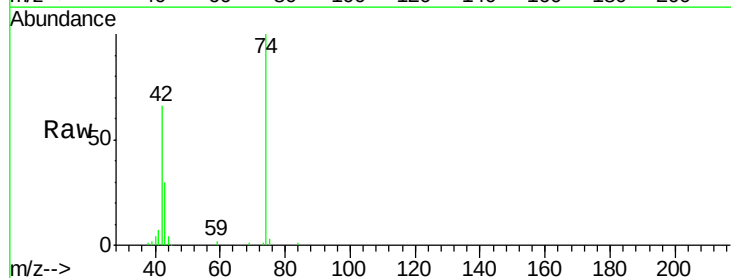
Ion	Ratio	Lower	Upper
79	100		
52	67.5	54.8	82.2
51	33.6	27.0	40.4

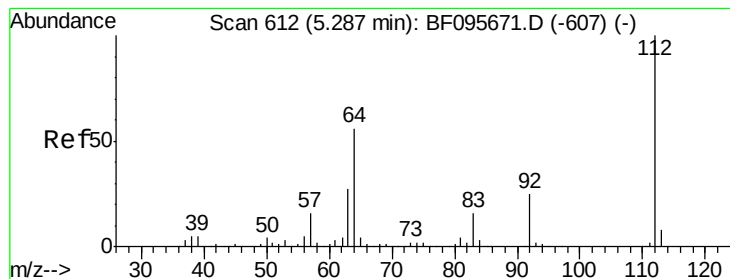


#4
n-Nitrosodimethylamine
 Concen: 46.23 ng
 RT: 2.28 min Scan# 118
 Delta R.T. 0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion: 42 Resp: 79099

Ion	Ratio	Lower	Upper
42	100		
74	152.2	103.9	155.9
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 147.10 ng

RT: 5.28 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

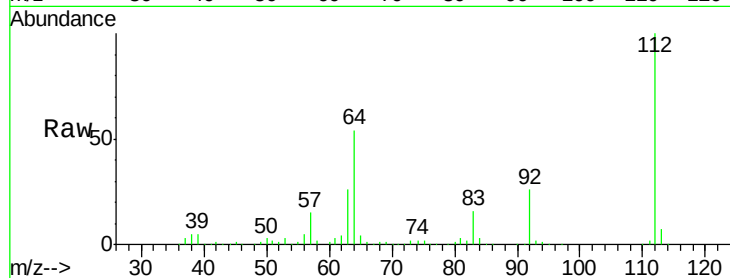
Instrument :

BNA_F

ClientSampleId :

PB99623BS

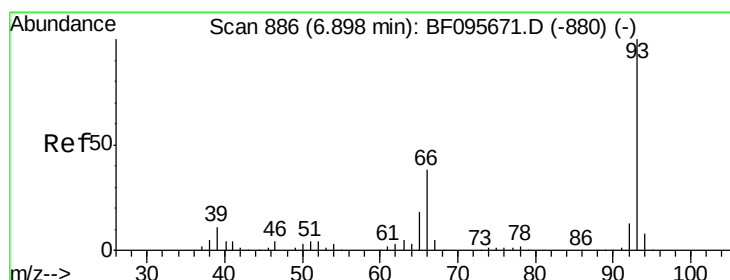
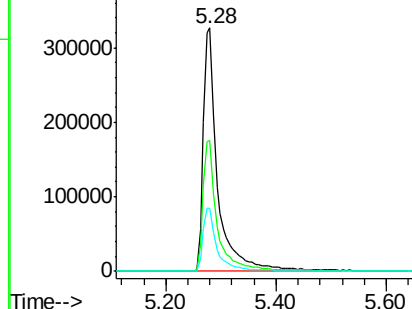
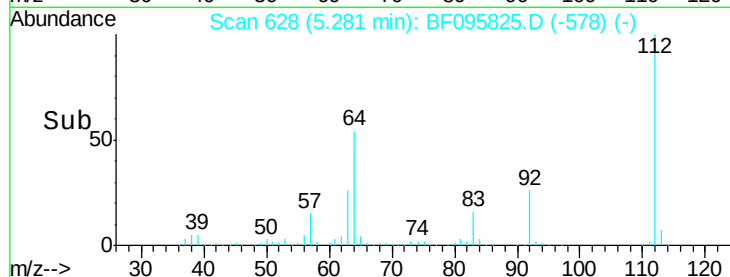
Tgt Ion:	112	Resp:	592055
Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	25.8	23.4	35.0



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: 29.63 ng

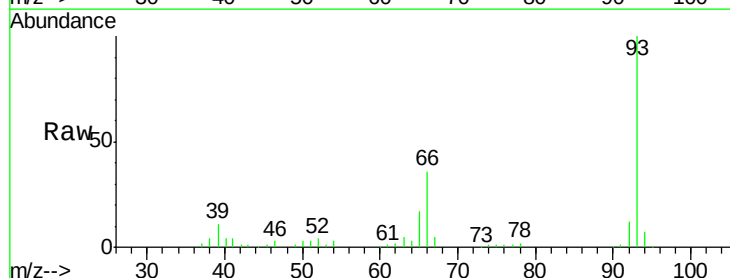
RT: 6.87 min Scan# 898

Delta R.T. -0.03 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

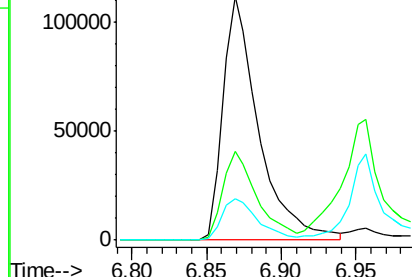
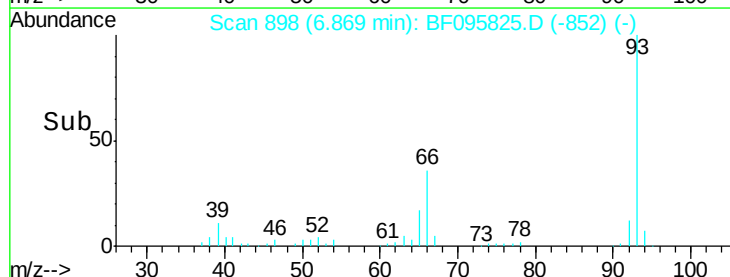
Tgt Ion:	93	Resp:	186798
Ion	Ratio	Lower	Upper
93	100		
66	36.2	32.9	49.3
65	17.2	16.0	24.0

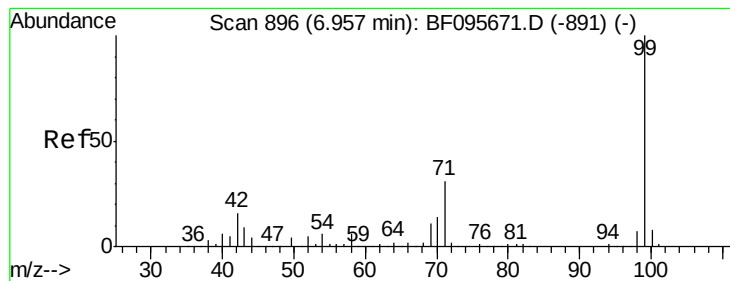


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.03 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

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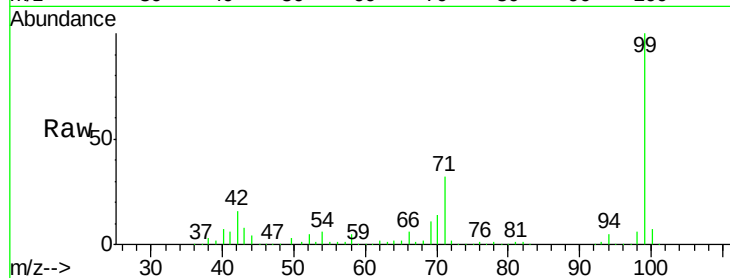
Tgt Ion: 99 Resp: 684392

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

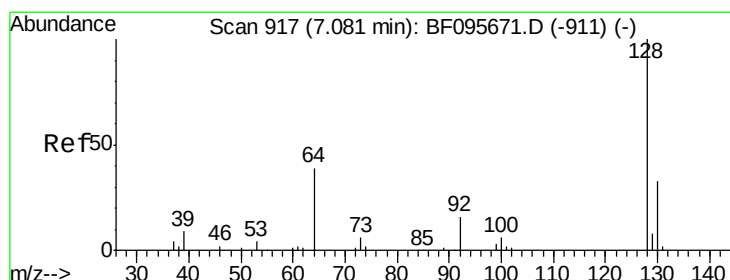
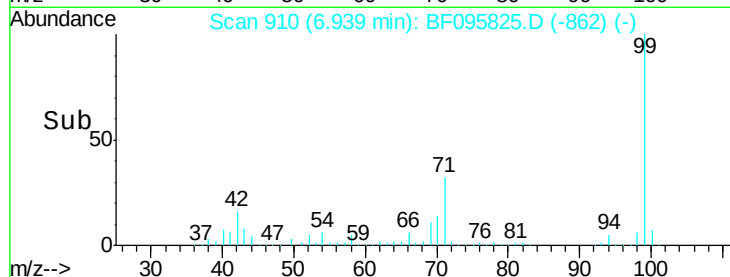
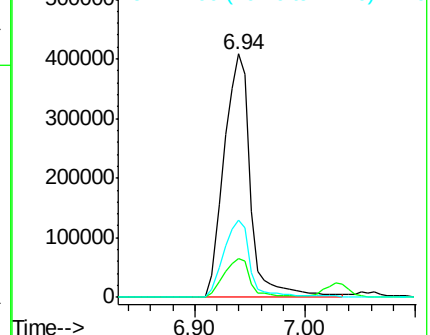
71 31.8 24.5 36.7



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: 48.98 ng

RT: 7.06 min Scan# 930

Delta R.T. -0.02 min

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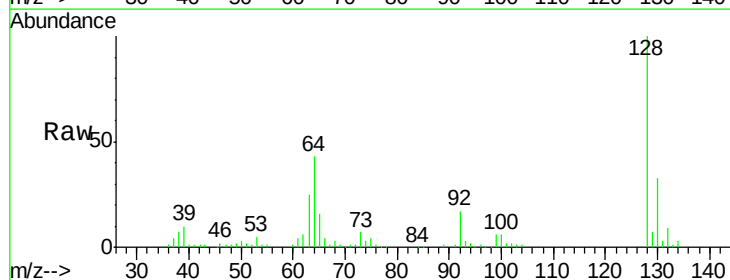
Tgt Ion: 128 Resp: 209597

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

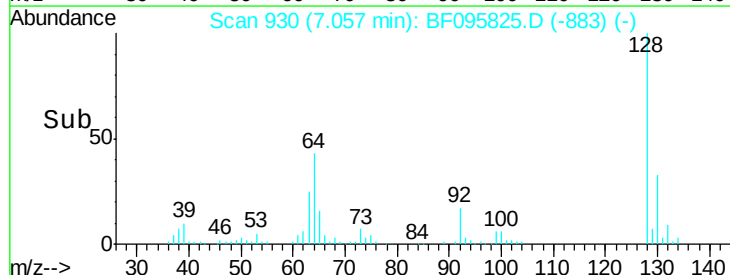
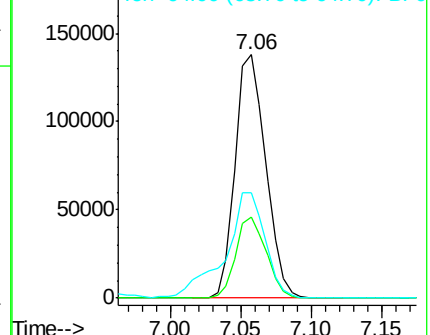
64 43.5 28.4 68.4

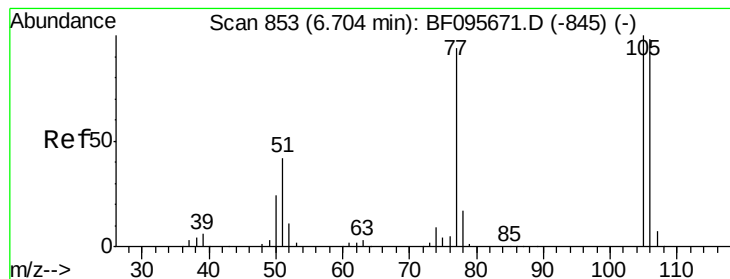


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.46 ng

RT: 6.67 min Scan# 865

Delta R.T. -0.03 min

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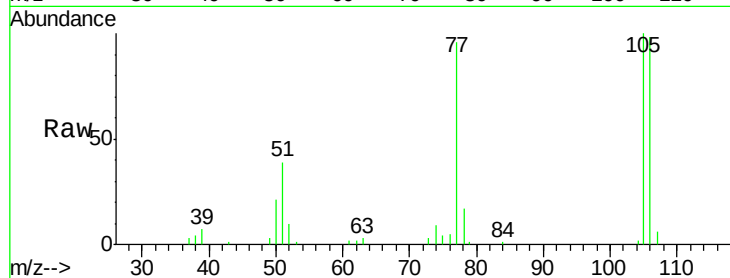
Tgt Ion: 77 Resp: 82765

Ion Ratio Lower Upper

77 100

105 104.4 83.8 123.8

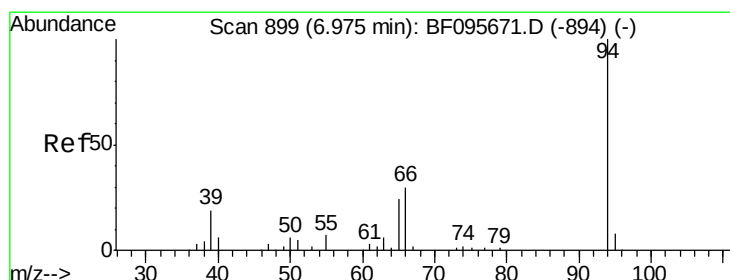
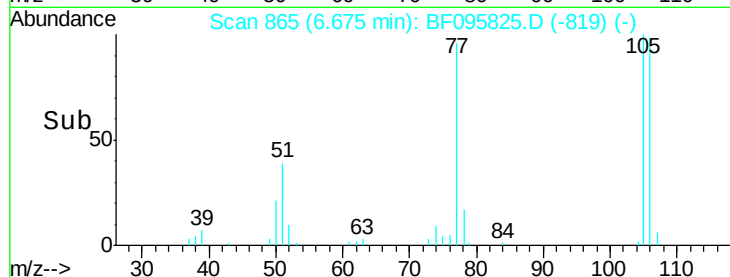
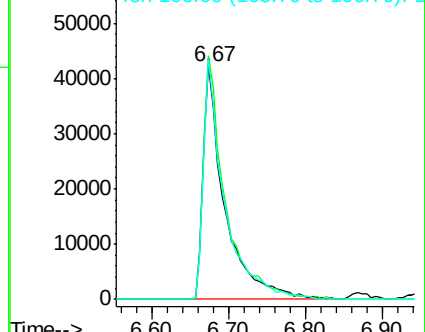
106 102.6 79.1 119.1



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: 51.34 ng

RT: 6.96 min Scan# 913

Delta R.T. -0.02 min

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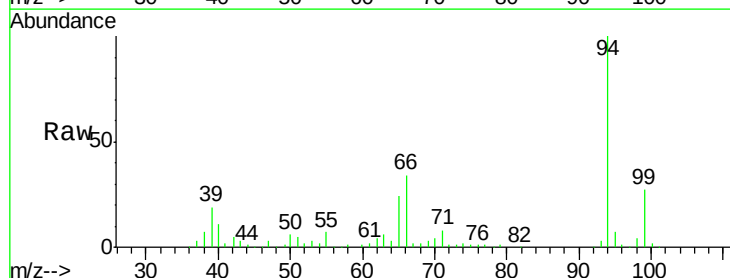
Tgt Ion: 94 Resp: 256645

Ion Ratio Lower Upper

94 100

65 24.1 9.9 49.9

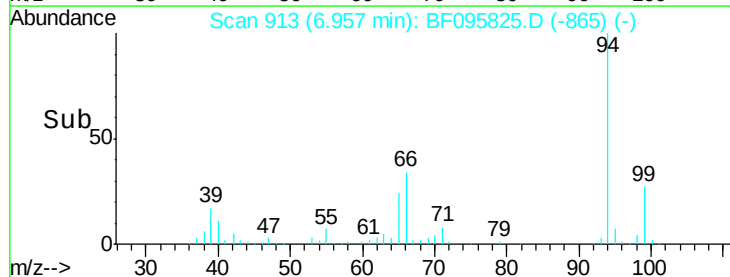
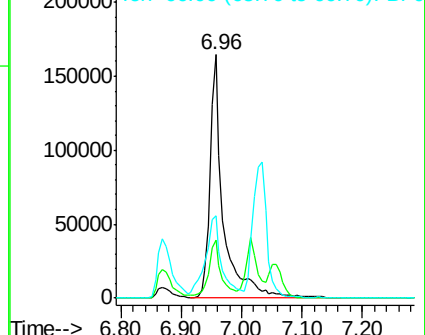
66 33.6 23.1 63.1

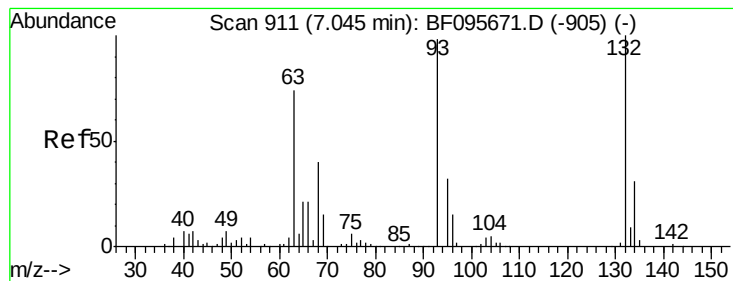


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

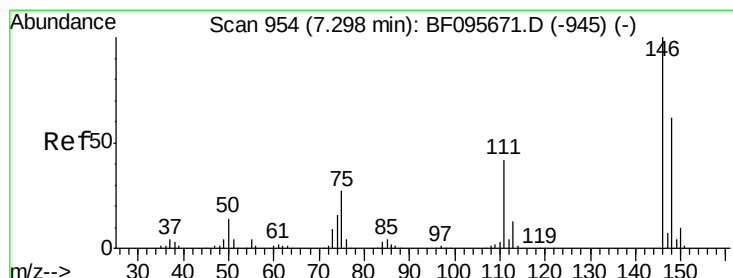
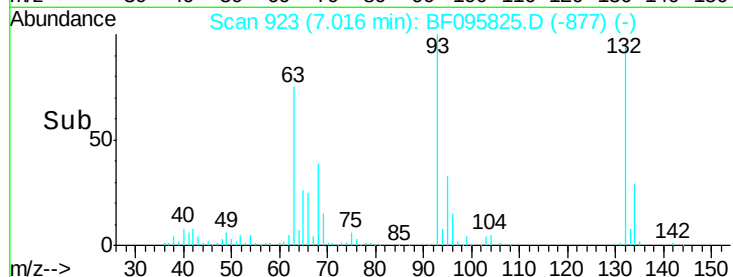
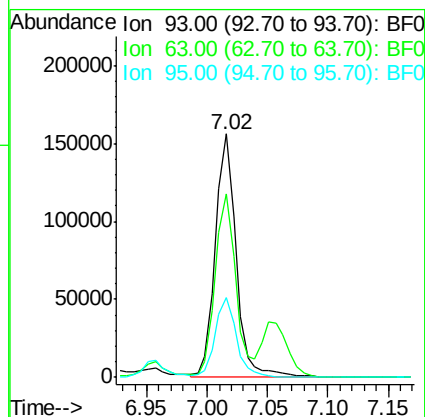
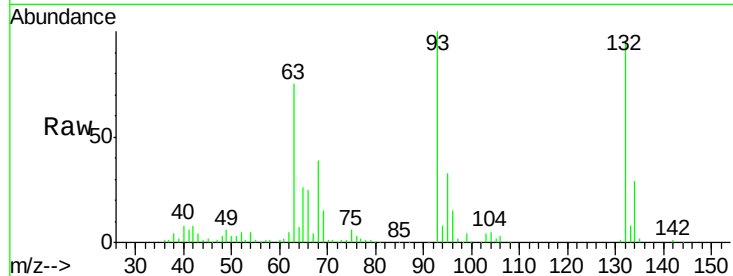




#11
bis(2-Chloroethyl)ether
Concen: 47.12 ng
RT: 7.02 min Scan# 923
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

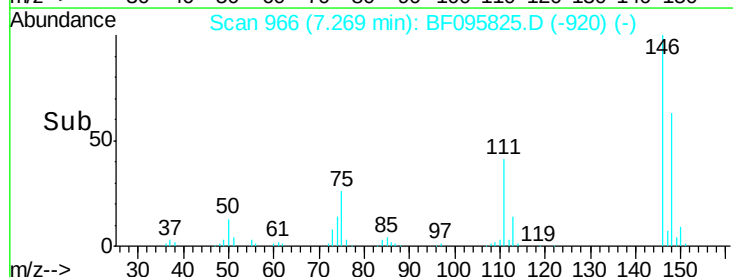
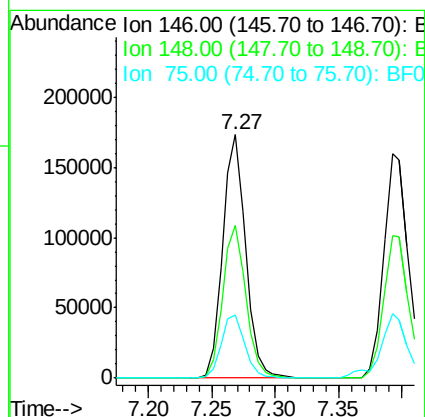
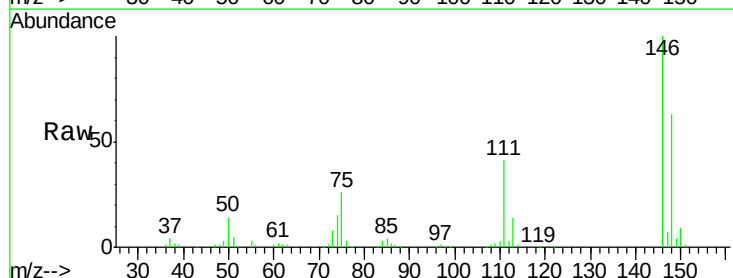
Instrument :
BNA_F
ClientSampleId :
PB99623BS

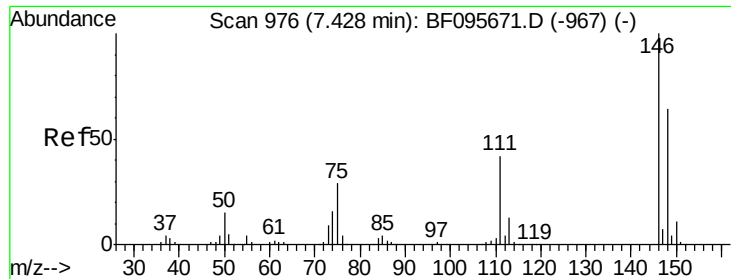
Tgt Ion: 93 Resp: 186567
Ion Ratio Lower Upper
93 100
63 75.2 59.2 99.2
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.04 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion: 146 Resp: 218175
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.6
75 26.2 23.1 34.7

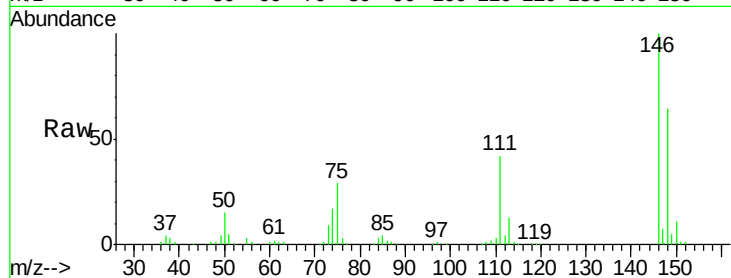




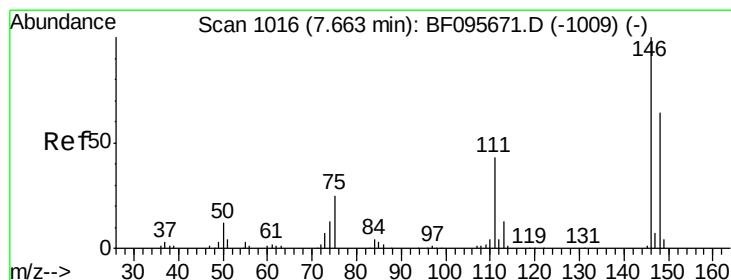
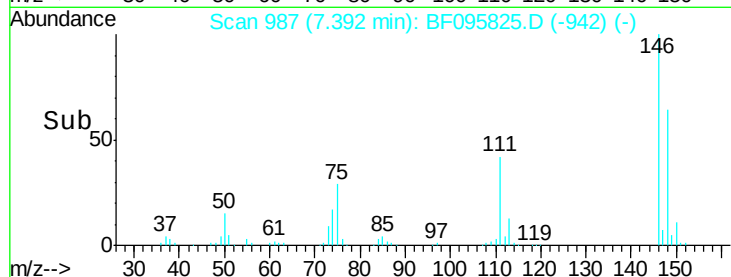
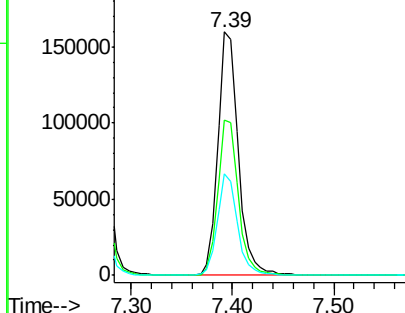
#13
 1,4-Dichlorobenzene
 Concen: 45.55 ng
 RT: 7.39 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

Tgt Ion:146 Resp: 223737
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 41.8 30.3 45.5

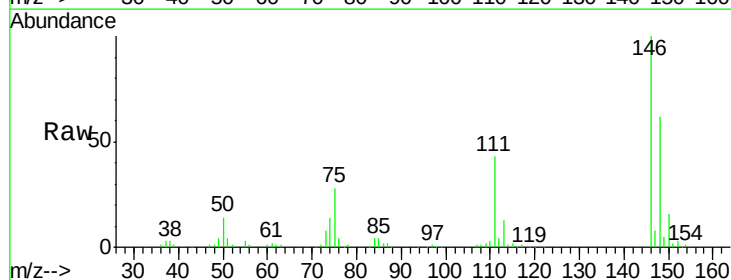


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

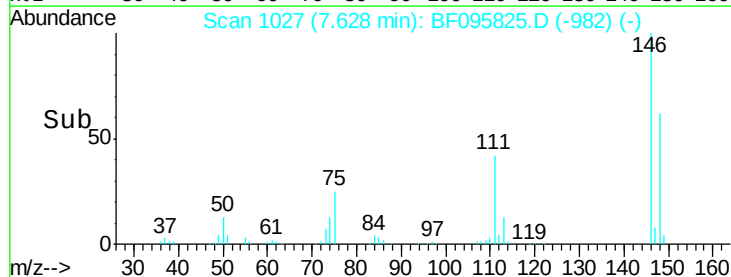
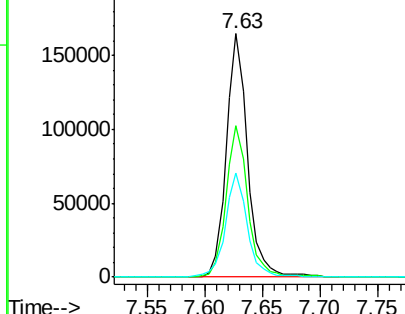


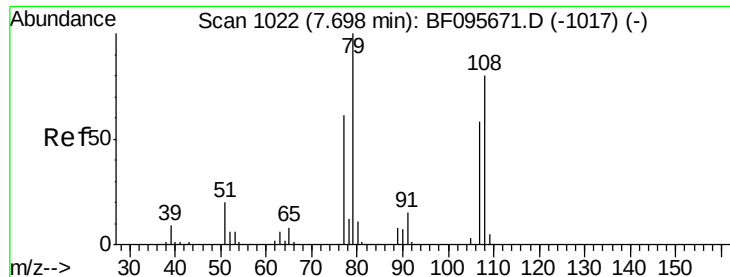
#14
 1,2-Dichlorobenzene
 Concen: 46.34 ng
 RT: 7.63 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion:146 Resp: 209844
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.4 75.6
 111 42.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

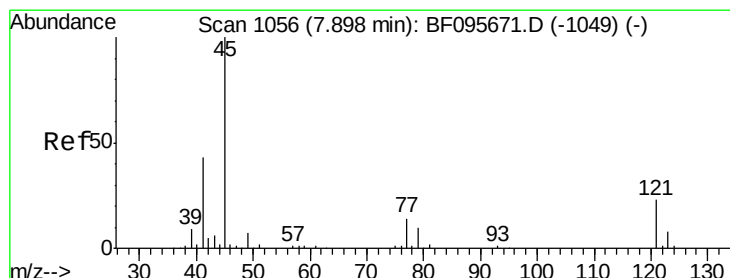
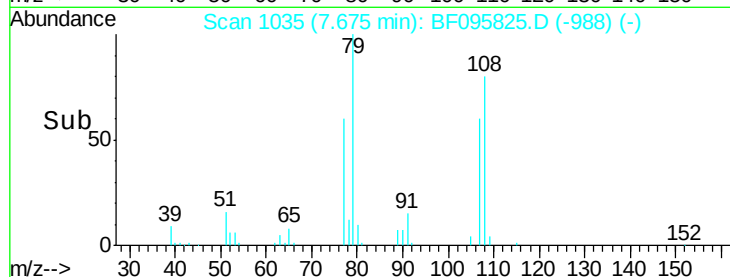
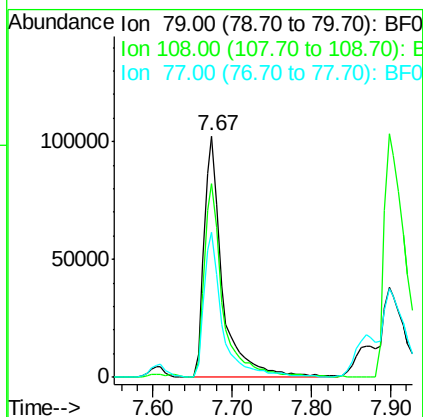
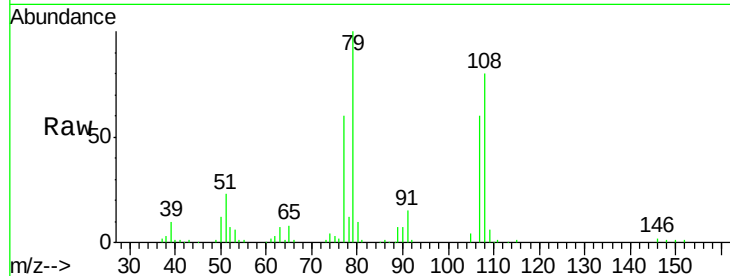




#15
Benzyl Alcohol
Concen: 50.65 ng
RT: 7.67 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

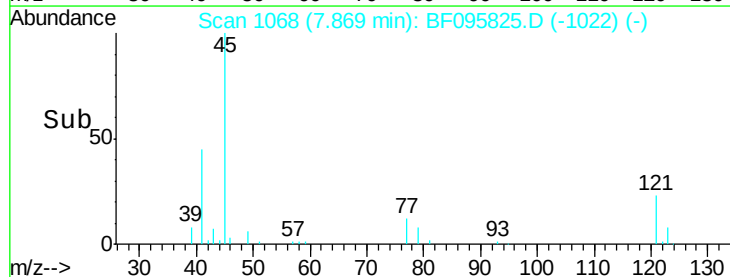
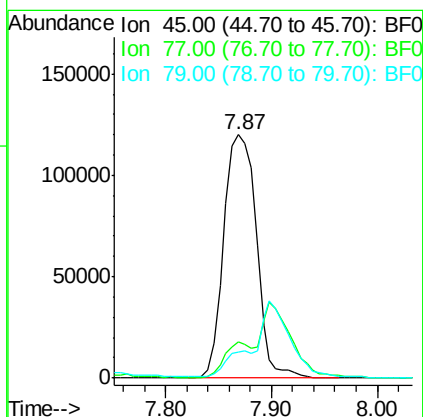
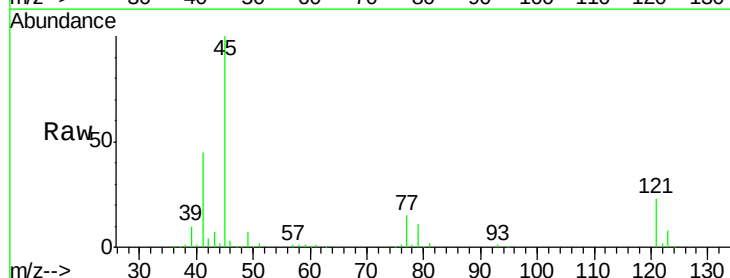
Instrument :
BNA_F
ClientSampleId :
PB99623BS

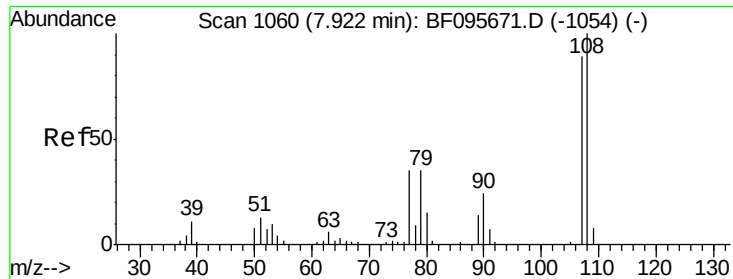
Tgt Ion: 79 Resp: 167504
Ion Ratio Lower Upper
79 100
108 80.4 63.4 95.0
77 60.1 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.12 ng
RT: 7.87 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion: 45 Resp: 256596
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.2
79 10.8 0.0 30.0

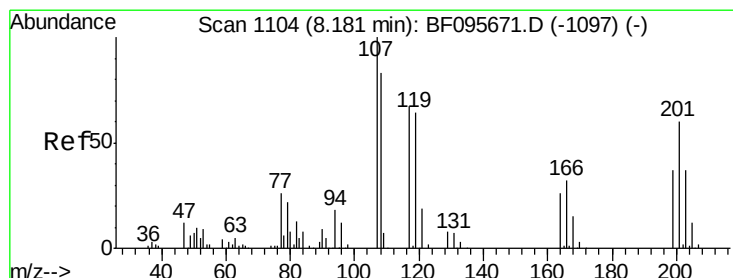
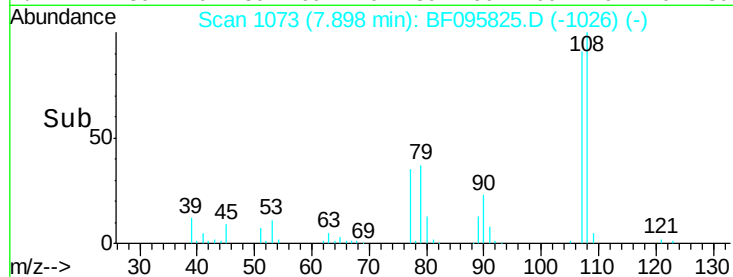
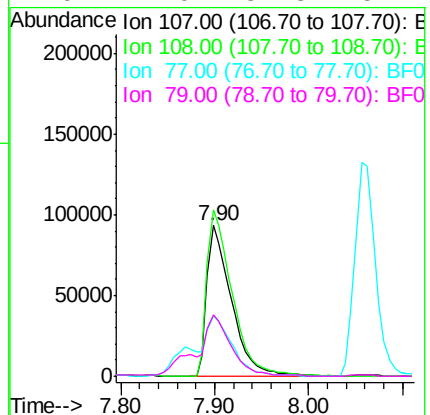
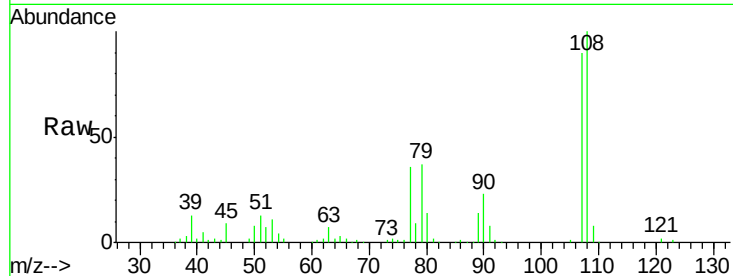




#17
2-Methylphenol
Concen: 47.74 ng
RT: 7.90 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

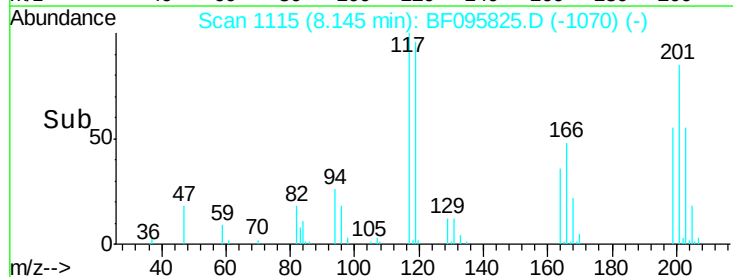
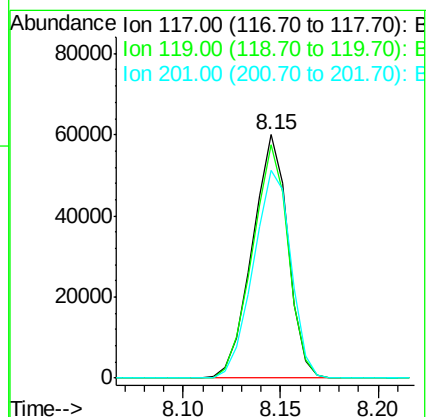
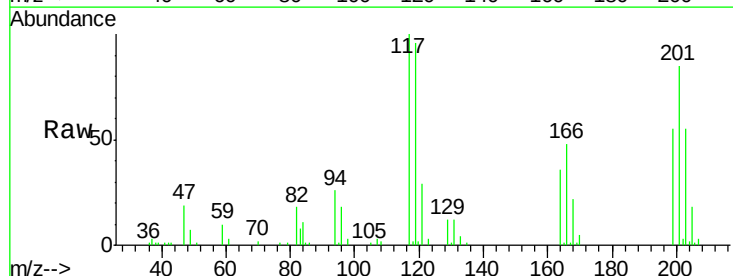
Instrument :
BNA_F
ClientSampleId :
PB99623BS

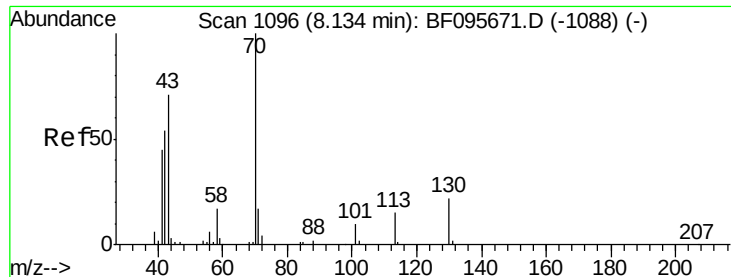
Tgt Ion:	107	Resp:	171452
Ion	Ratio	Lower	Upper
107	100		
108	110.8	93.4	140.0
77	40.2	35.8	53.6
79	41.0	34.8	52.2



#18
Hexachloroethane
Concen: 46.81 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion:	117	Resp:	75947
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	85.2	94.6	141.8#

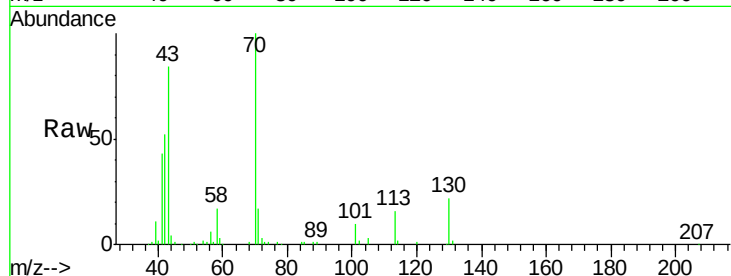




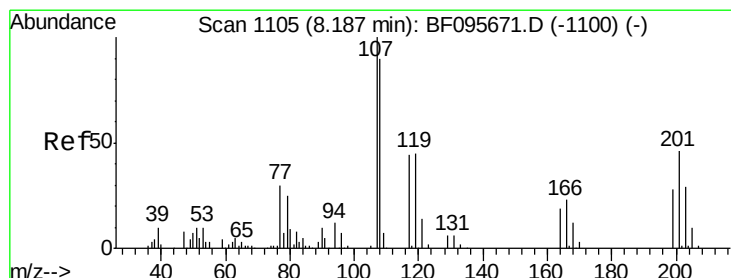
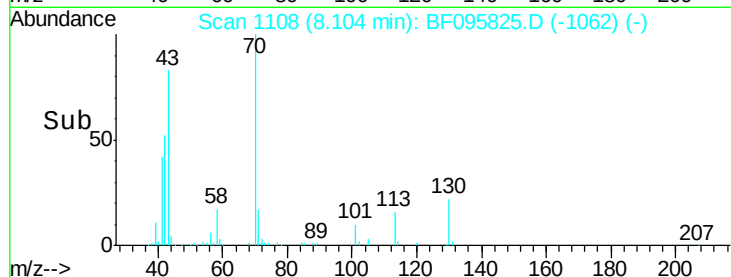
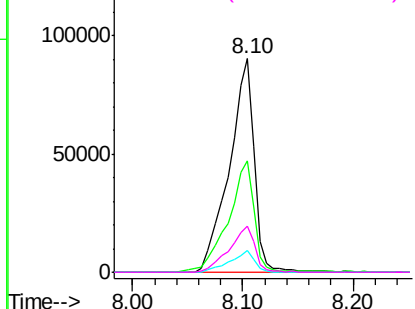
#19
n-Nitroso-di-n-propylamine
Concen: 46.95 ng
RT: 8.10 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Instrument :
BNA_F
ClientSampleId :
PB99623BS

Tgt Ion: 70 Resp: 143362
Ion Ratio Lower Upper
70 100
42 52.4 47.2 70.8
101 10.0 7.2 10.8
130 21.7 15.9 23.9

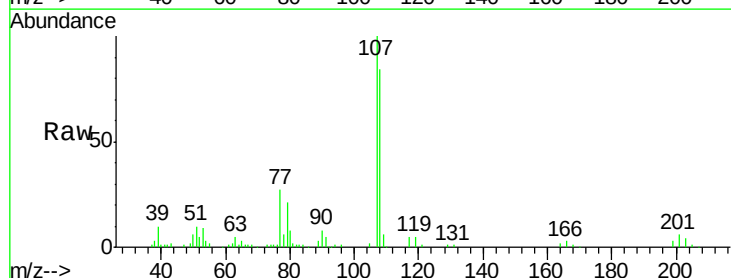


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

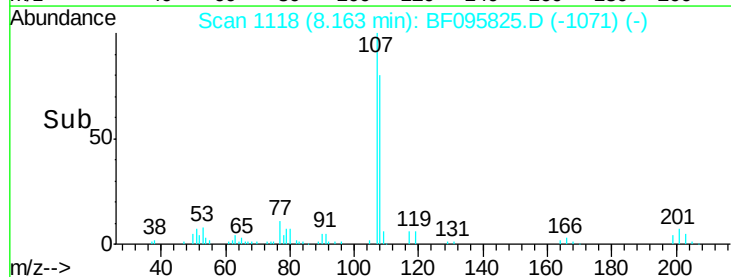
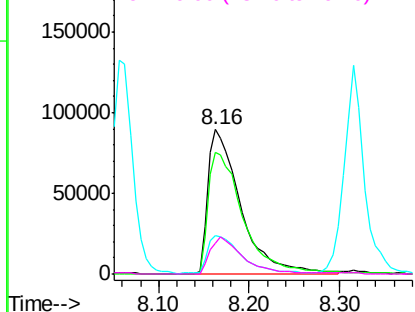


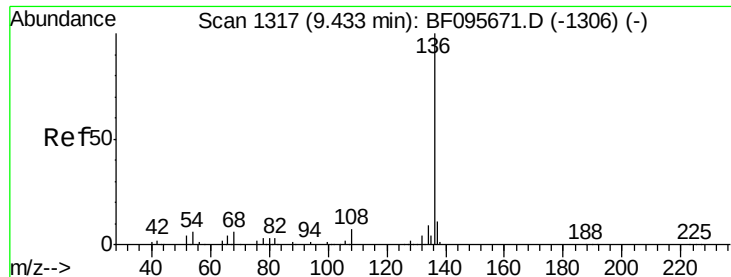
#20
3+4-Methylphenols
Concen: 49.63 ng
RT: 8.16 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion: 107 Resp: 226245
Ion Ratio Lower Upper
107 100
108 84.5 71.0 111.0
77 26.8 90.5 130.5#
79 21.2 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Instrument :

BNA_F

ClientSampleId :

PB99623BS

Tgt Ion:136 Resp: 264532

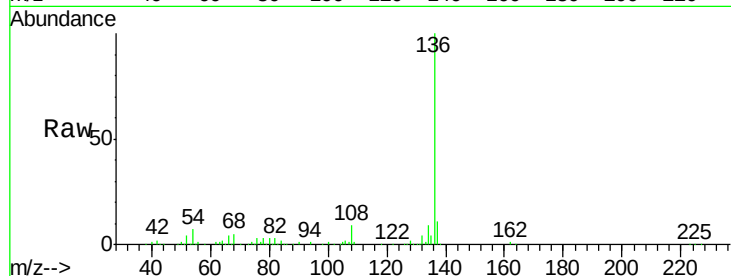
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

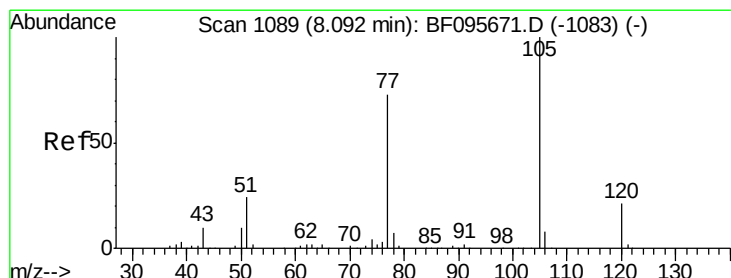
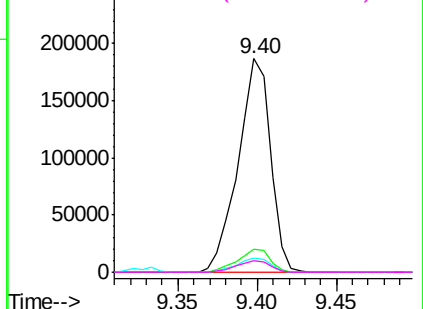
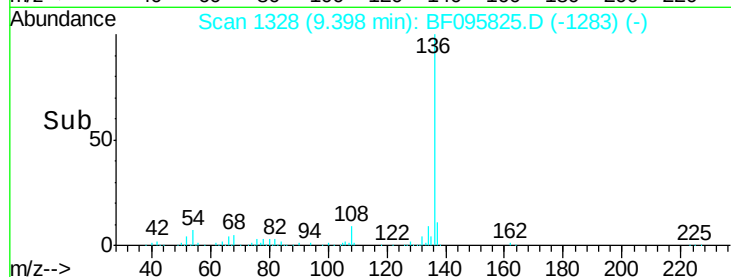


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.03 ng

RT: 8.06 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Tgt Ion:105 Resp: 285030

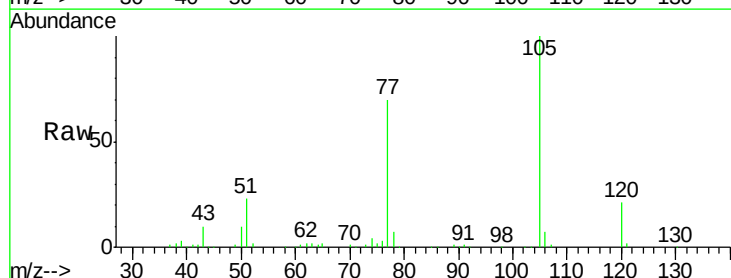
Ion Ratio Lower Upper

105 100

71 0.3 2.8 4.2#

51 22.9 30.7 46.1#

120 21.2 17.4 26.0

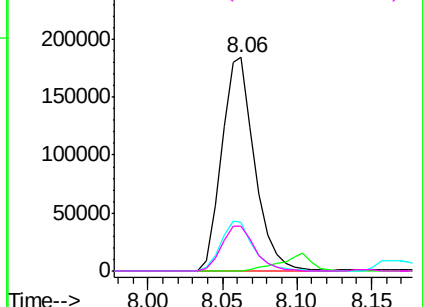
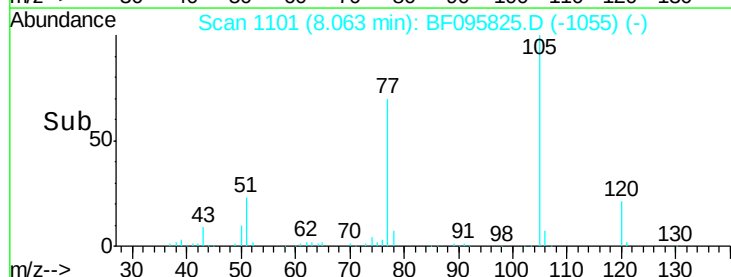


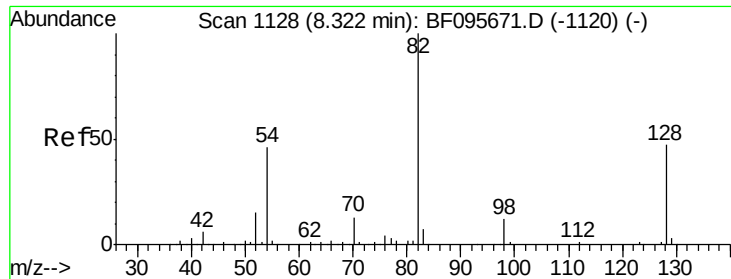
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

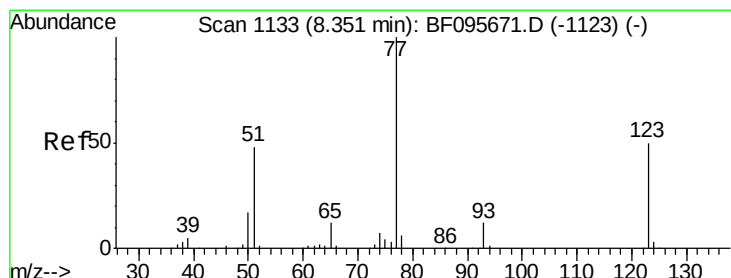
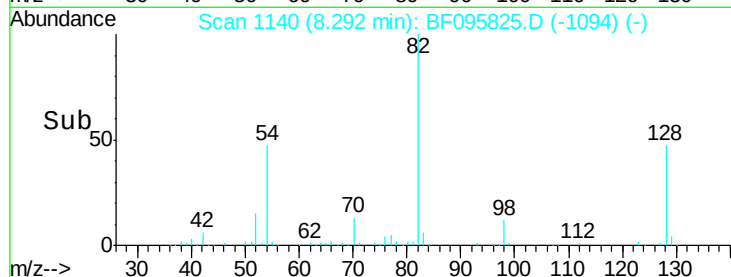
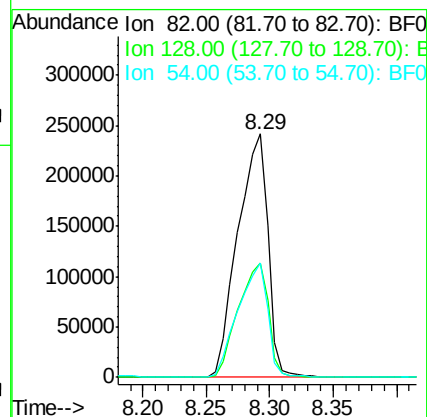
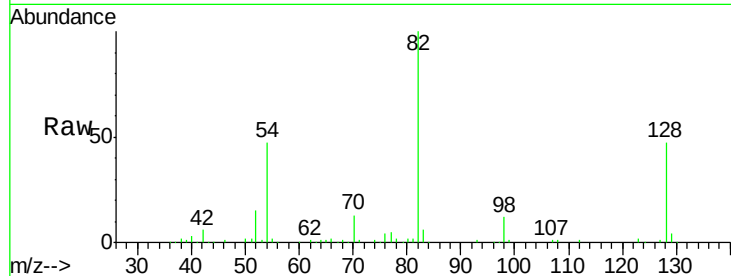




#23
 Nitrobenzene-d5
 Concen: 93.40 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

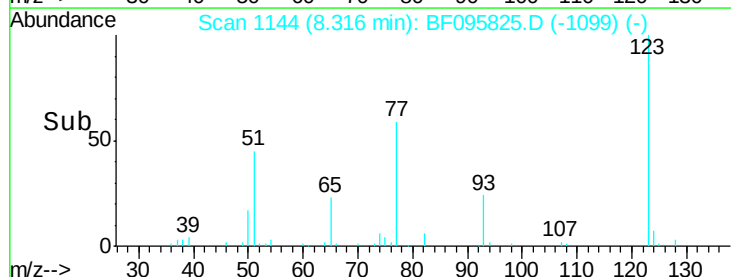
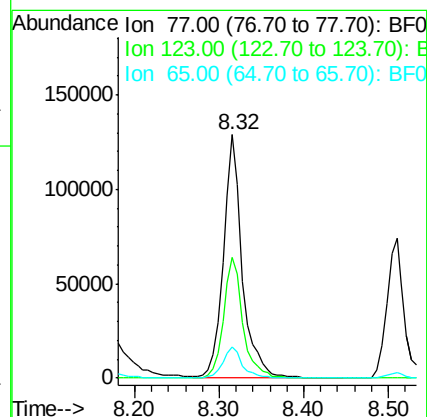
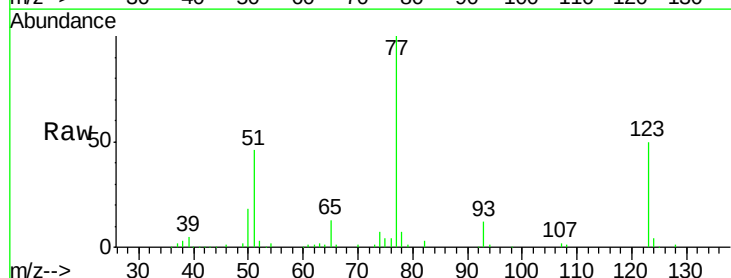
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

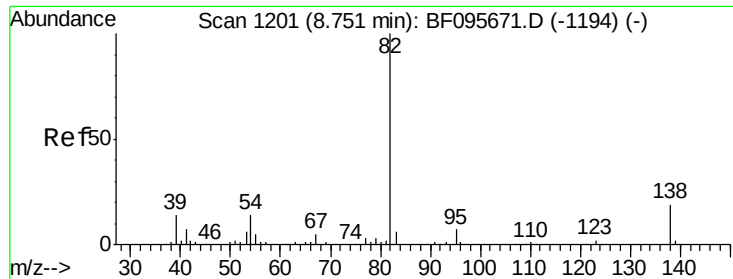
Tgt Ion: 82 Resp: 397818
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 47.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 44.29 ng
 RT: 8.32 min Scan# 1144
 Delta R.T. -0.04 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion: 77 Resp: 201519
 Ion Ratio Lower Upper
 77 100
 123 49.6 35.8 53.8
 65 12.9 10.6 15.8

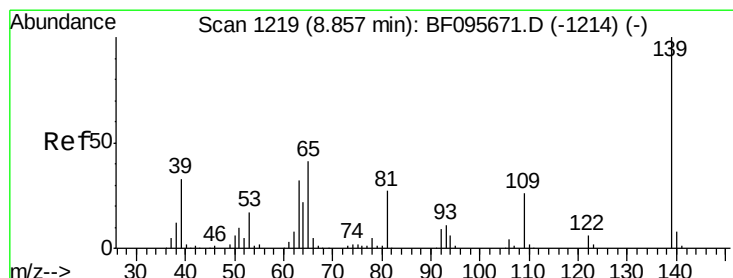
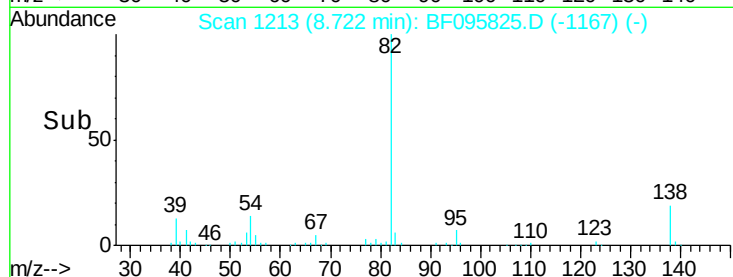
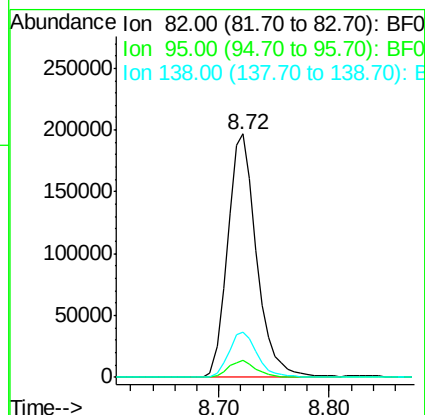
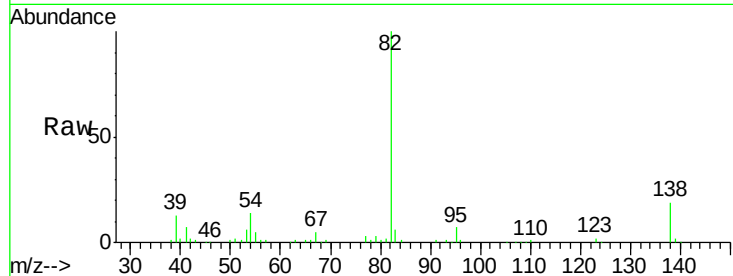




#25
Isophorone
Concen: 45.44 ng
RT: 8.72 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

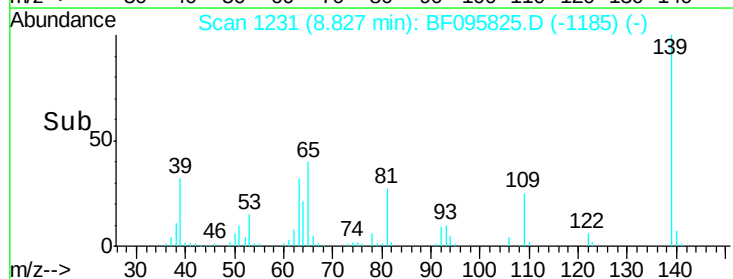
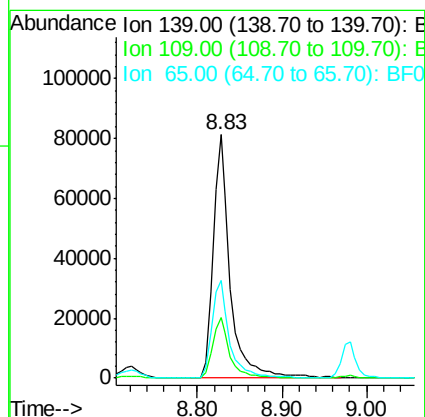
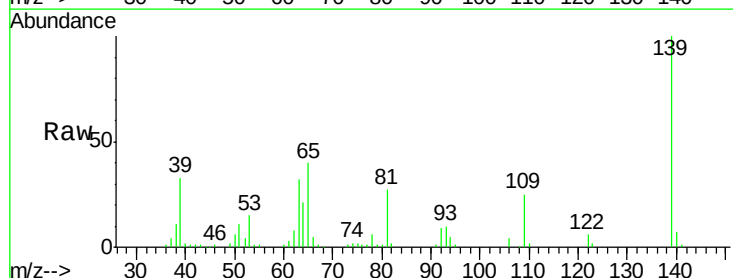
Instrument :
BNA_F
ClientSampleId :
PB99623BS

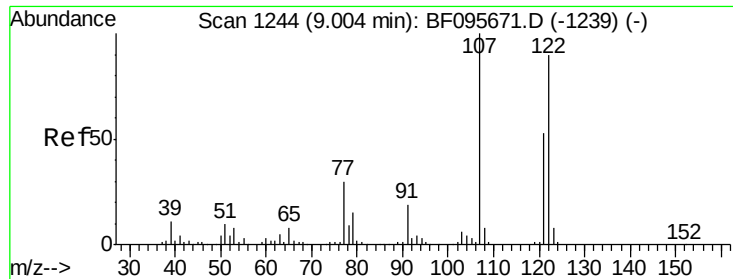
Tgt Ion: 82 Resp: 361376
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.8 13.1 19.7



#26
2-Nitrophenol
Concen: 48.26 ng
RT: 8.83 min Scan# 1231
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion: 139 Resp: 114983
Ion Ratio Lower Upper
139 100
109 24.7 21.0 31.6
65 39.9 33.0 49.6

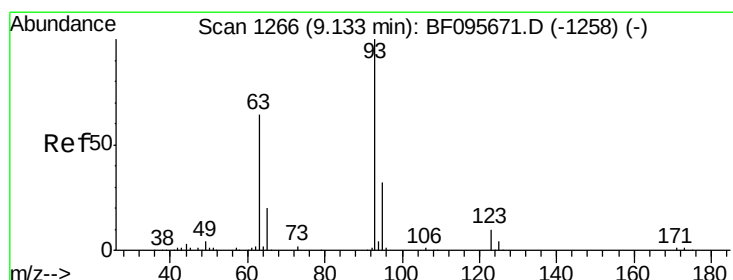
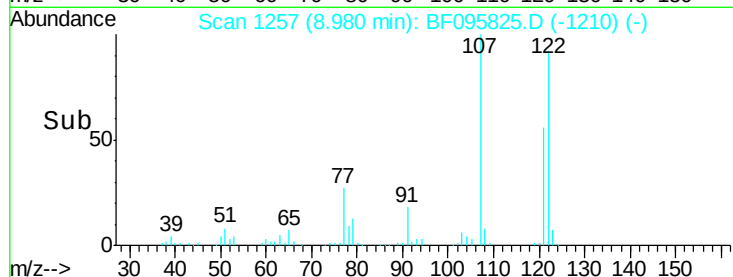
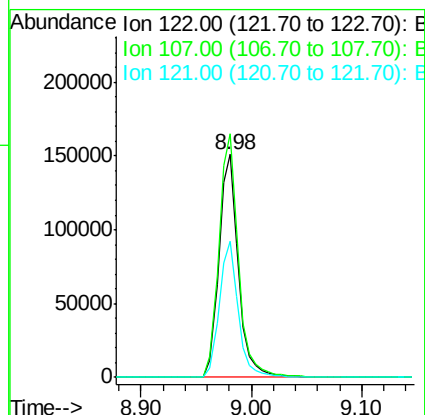
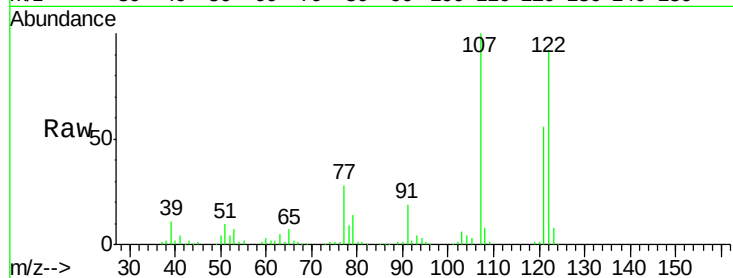




#27
 2,4-Dimethylphenol
 Concen: 49.74 ng
 RT: 8.98 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

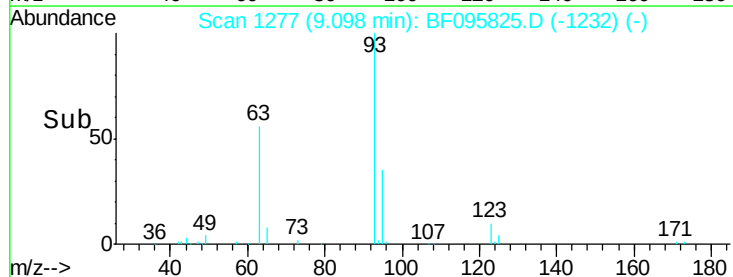
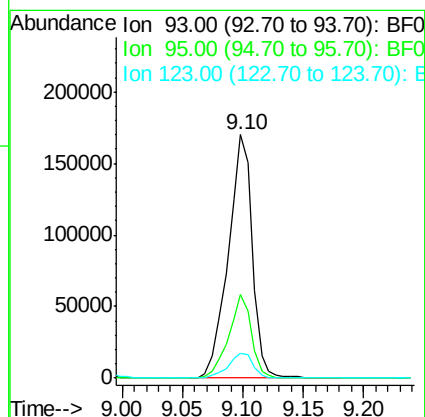
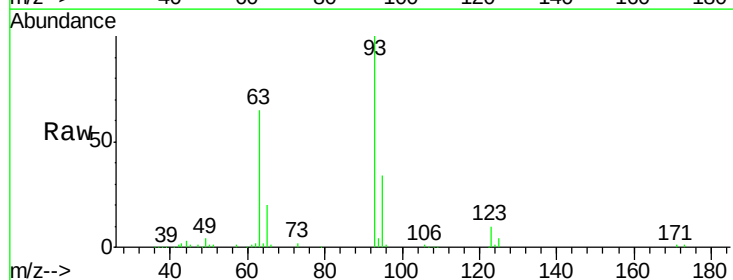
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

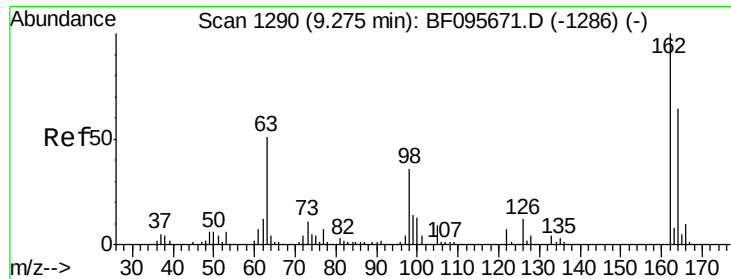
Tgt Ion: 122 Resp: 183918
 Ion Ratio Lower Upper
 122 100
 107 109.3 89.2 133.8
 121 60.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.82 ng
 RT: 9.10 min Scan# 1277
 Delta R.T. -0.04 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion: 93 Resp: 234953
 Ion Ratio Lower Upper
 93 100
 95 34.2 26.5 39.7
 123 10.1 9.0 13.4

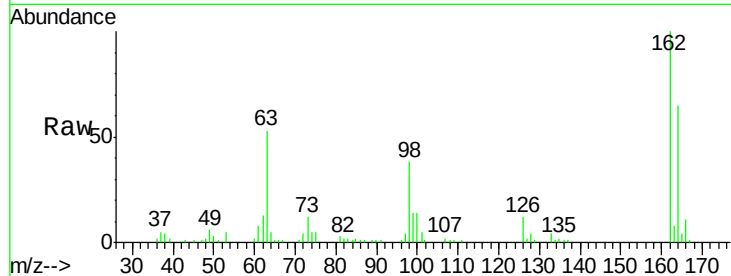




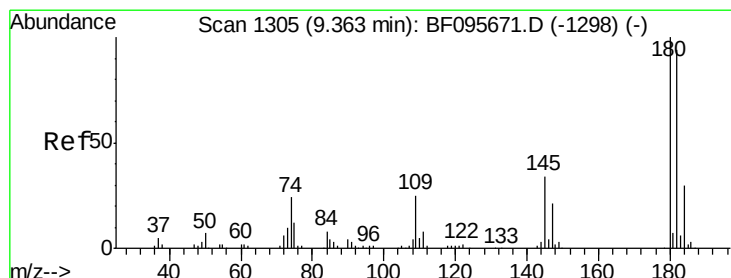
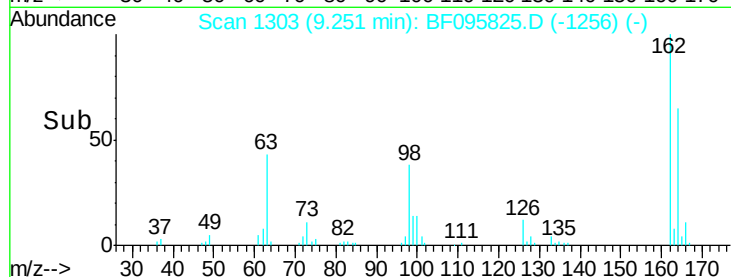
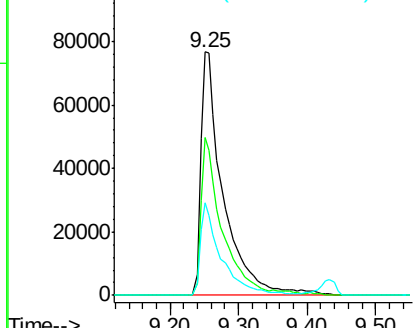
#29
2,4-Dichlorophenol
Concen: 49.20 ng
RT: 9.25 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Instrument :
BNA_F
ClientSampleId :
PB99623BS

Tgt Ion:162 Resp: 175192
Ion Ratio Lower Upper
162 100
164 65.1 44.6 84.6
98 38.0 14.8 54.8

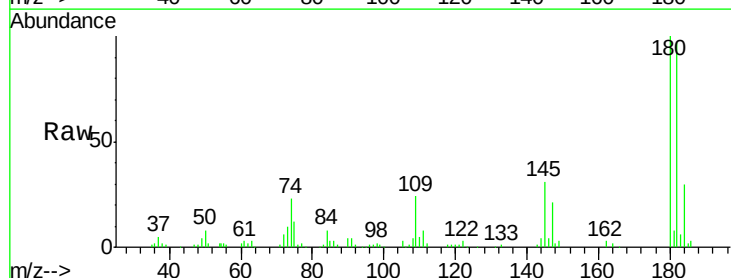


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

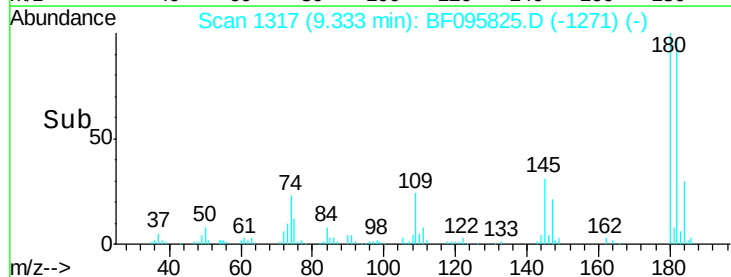
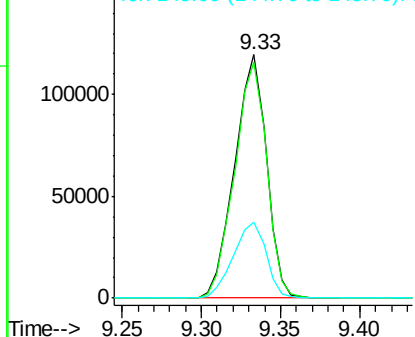


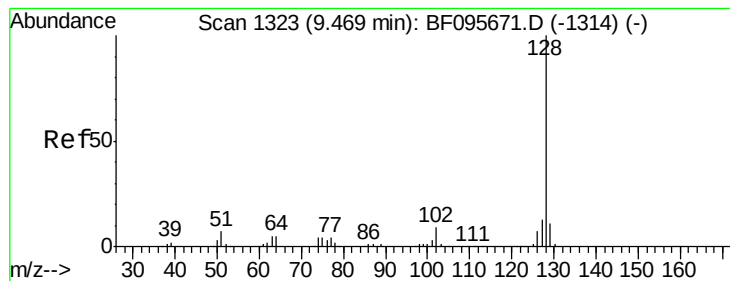
#30
1,2,4-Trichlorobenzene
Concen: 45.01 ng
RT: 9.33 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion:180 Resp: 166786
Ion Ratio Lower Upper
180 100
182 97.1 75.8 113.6
145 31.3 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.79 ng

RT: 9.43 min Scan# 1334

Delta R.T. -0.04 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Instrument :

BNA_F

ClientSampleId :

PB99623BS

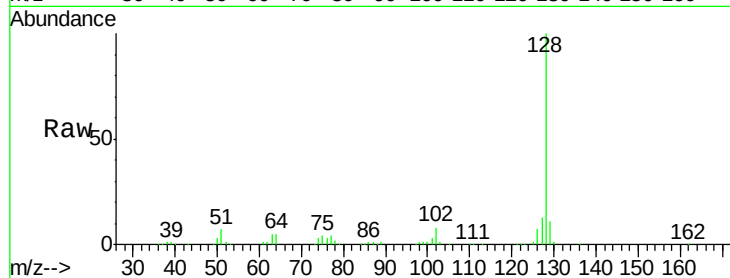
Tgt Ion:128 Resp: 594589

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 13.0 10.8 16.2



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

9.43

400000

300000

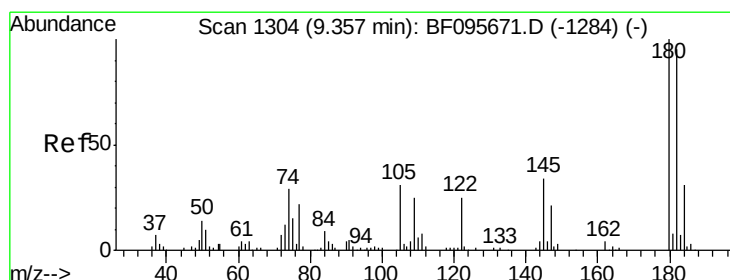
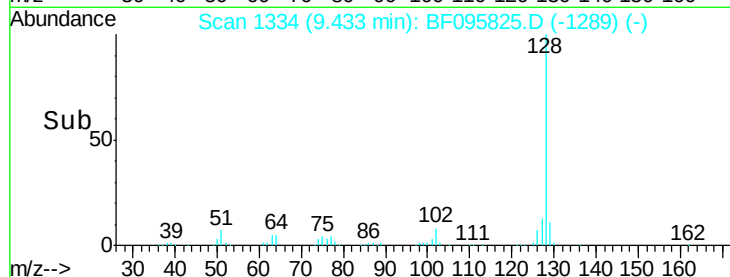
200000

100000

0

9.40 9.50

Time-->



#32

Benzoic acid

Concen: 23.13 ng

RT: 9.31 min Scan# 1313

Delta R.T. -0.05 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

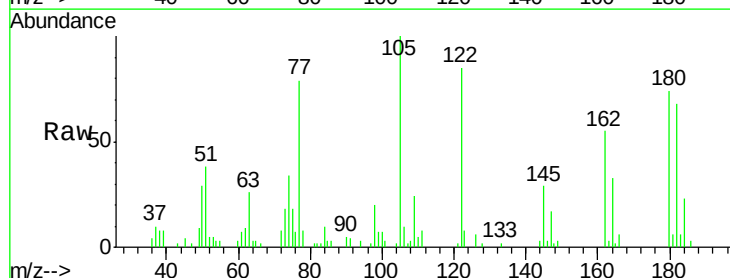
Tgt Ion:122 Resp: 46590

Ion Ratio Lower Upper

122 100

105 117.6 103.3 143.3

77 92.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

9.31

25000

20000

15000

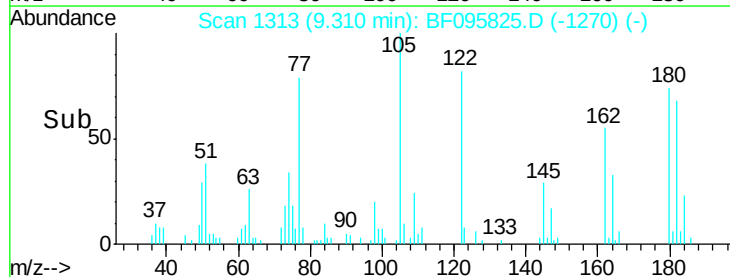
10000

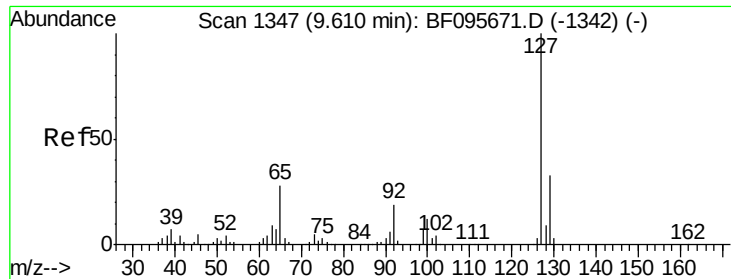
5000

0

9.20 9.30 9.40

Time-->

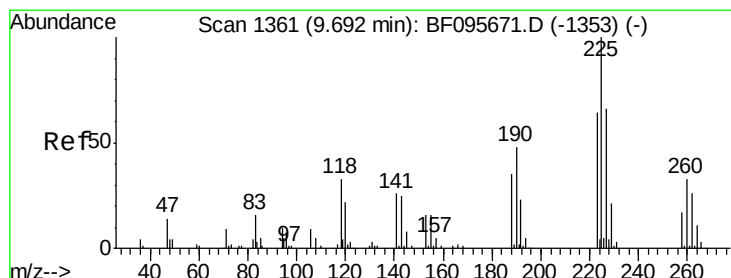
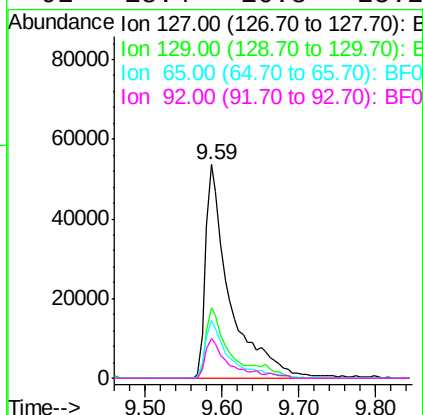
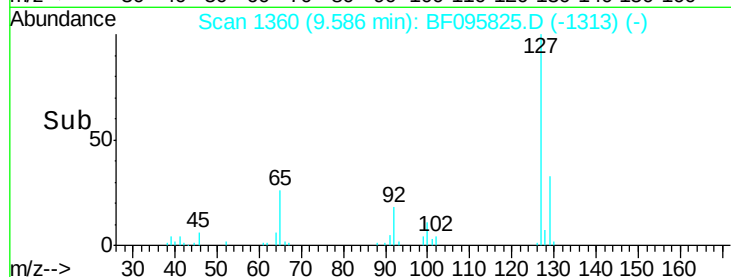
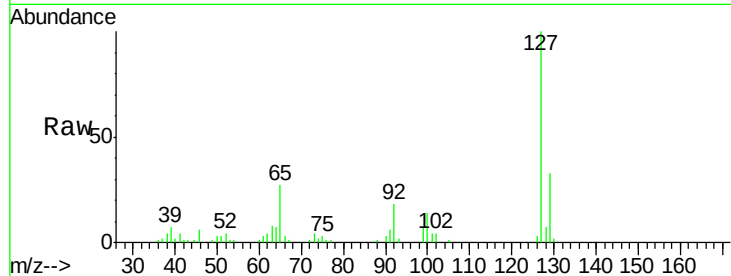




#33
4-Chloroaniline
Concen: 22.63 ng
RT: 9.59 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

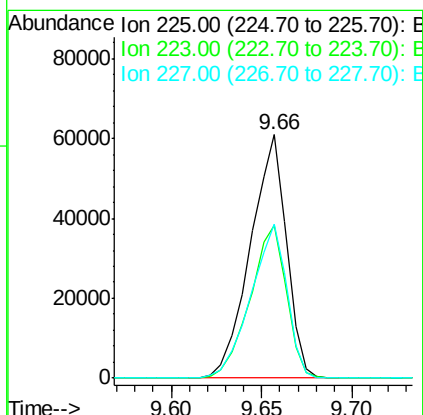
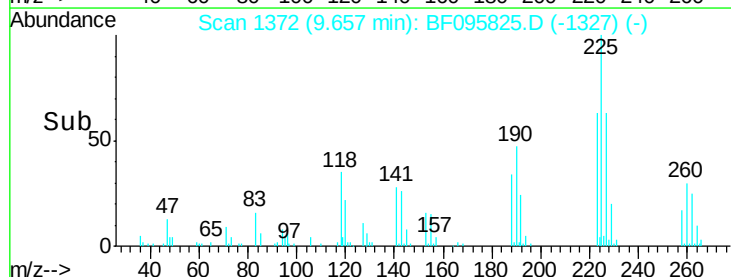
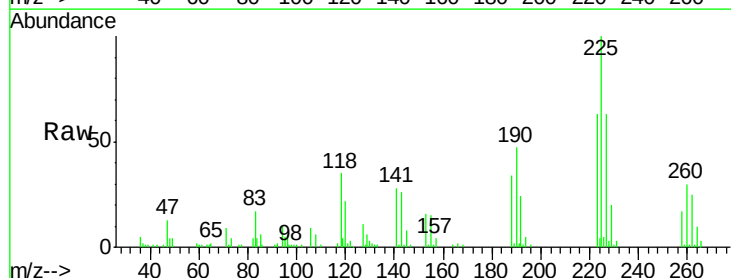
Instrument :
BNA_F
ClientSampleId :
PB99623BS

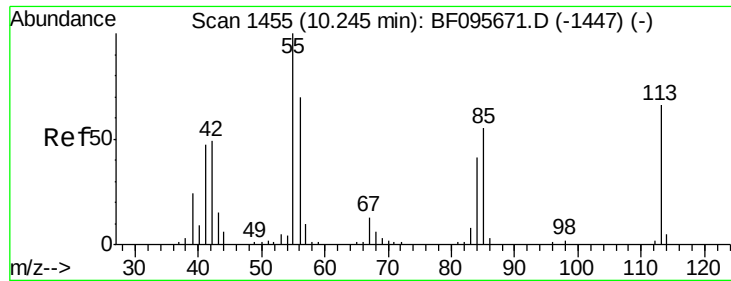
Tgt Ion:	127	Resp:	117444
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.2
65	27.1	27.8	41.8#
92	18.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.06 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion:	225	Resp:	84349
Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.8	73.2
227	63.2	51.1	76.7





#35

Caprolactam

Concen: 51.21 ng m

RT: 10.23 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Instrument :

BNA_F

ClientSampleId :

PB99623BS

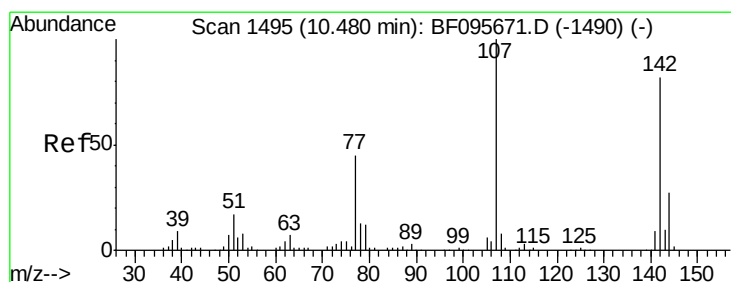
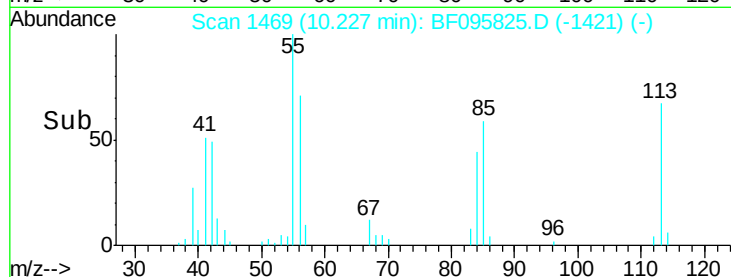
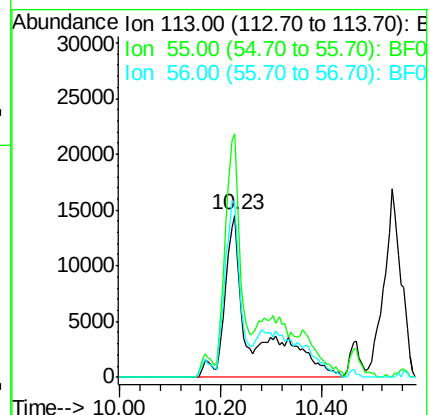
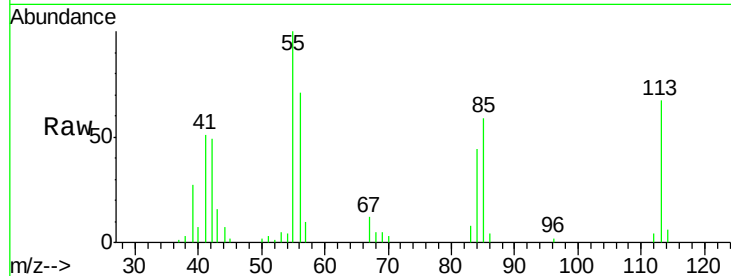
Tgt Ion:113 Resp: 54261

Ion Ratio Lower Upper

113 100

55 150.0 150.2 190.2#

56 107.0 107.8 147.8#



#36

4-Chloro-3-methylphenol

Concen: 48.24 ng

RT: 10.46 min Scan# 1509

Delta R.T. -0.02 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

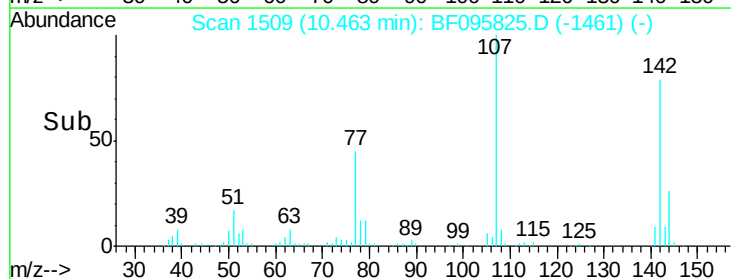
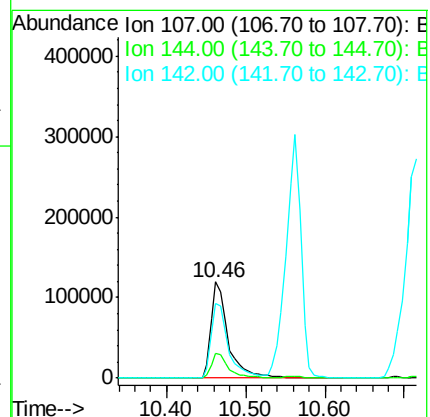
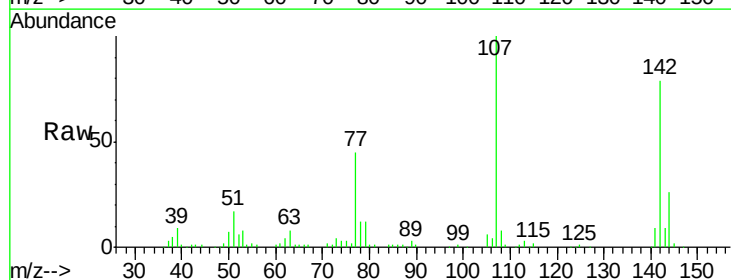
Tgt Ion:107 Resp: 179810

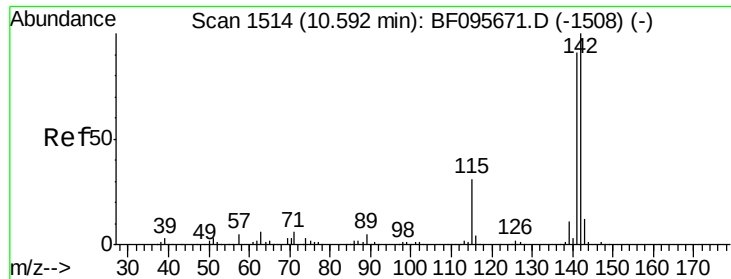
Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

142 78.5 73.4 110.0

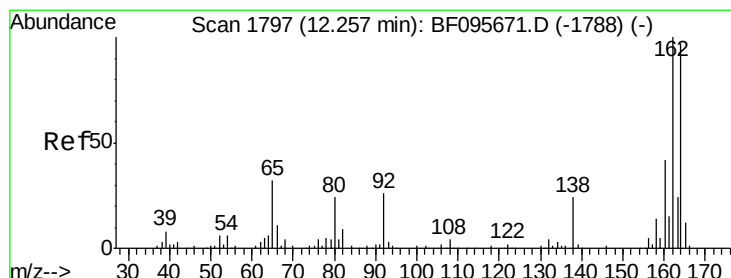
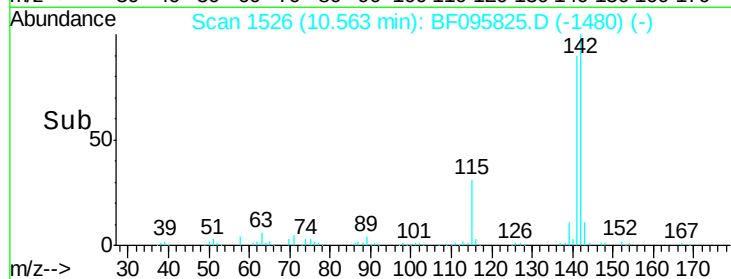
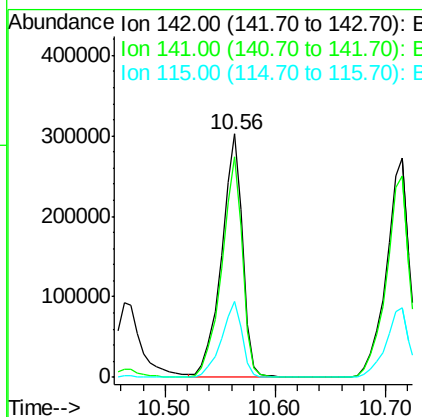
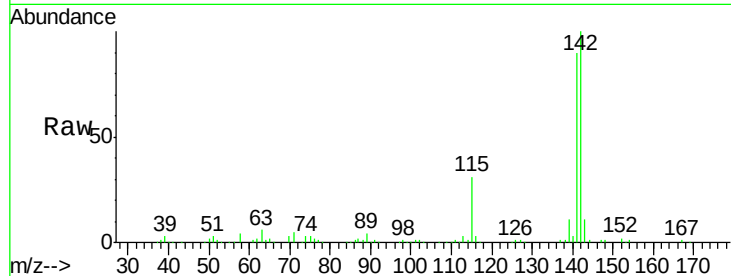




#37
 2-Methylnaphthalene
 Concen: 44.74 ng
 RT: 10.56 min Scan# 1526
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

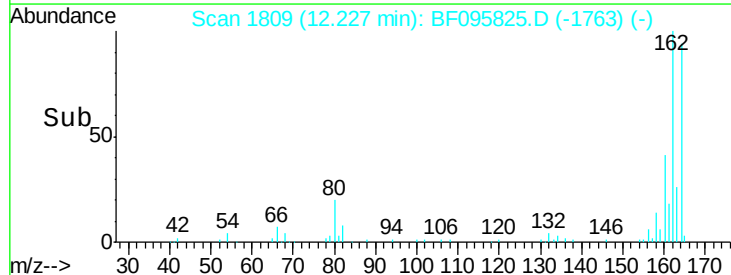
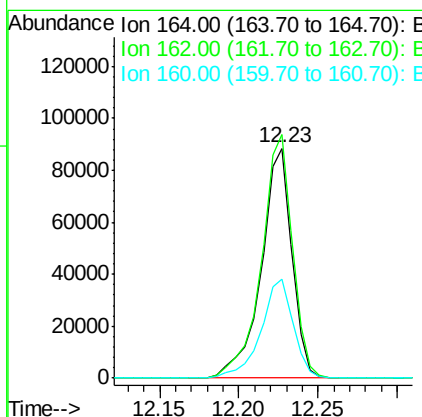
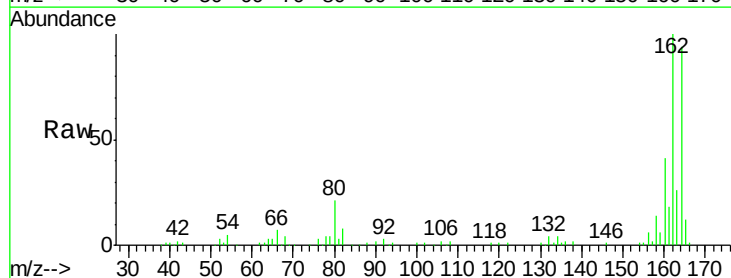
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

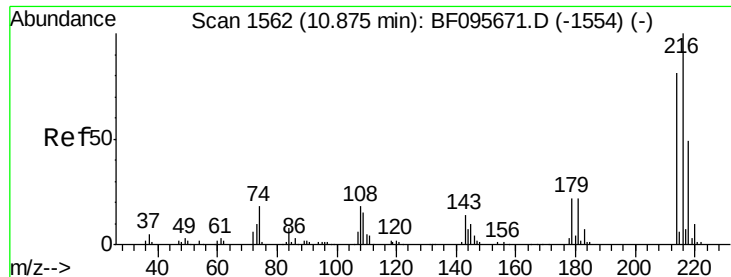
Tgt Ion:142 Resp: 401310
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.3 106.9
 115 31.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.23 min Scan# 1809
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion:164 Resp: 119723
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.6 123.8
 160 43.2 36.2 54.2

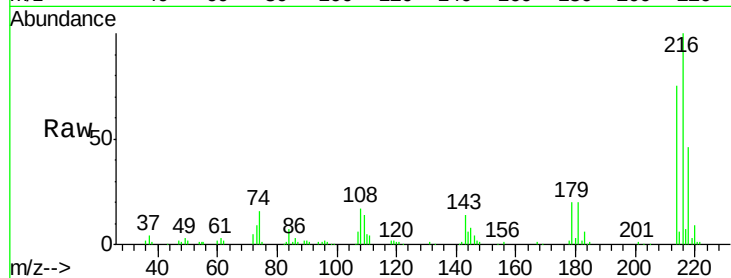




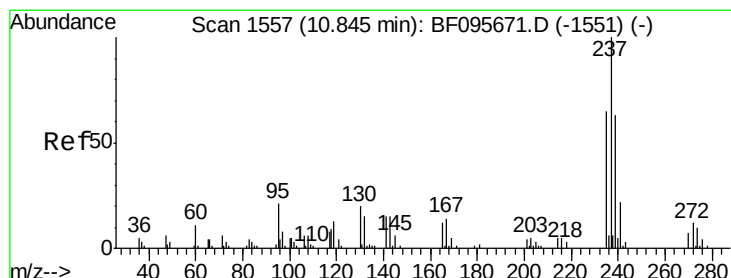
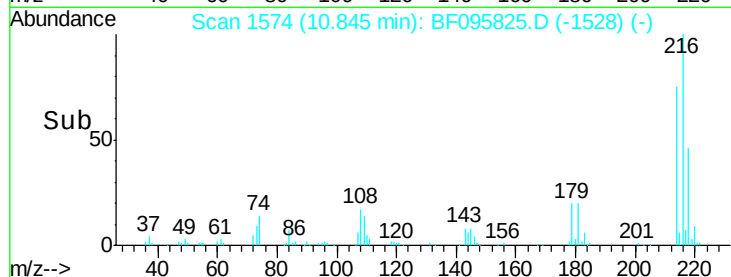
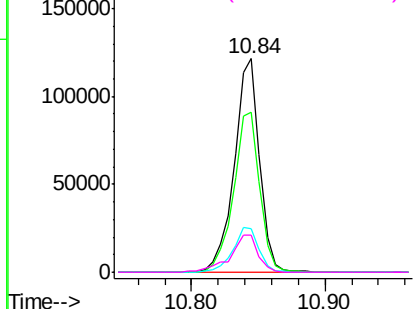
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.66 ng
 RT: 10.84 min Scan# 1574
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

Tgt Ion: 216 Resp: 160007
 Ion Ratio Lower Upper
 216 100
 214 77.4 63.4 95.2
 179 21.4 17.9 26.9
 108 19.4 16.5 24.7

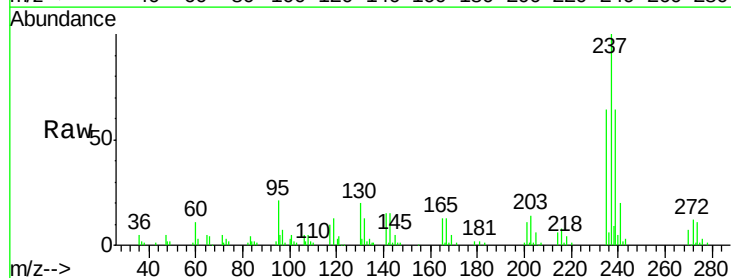


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

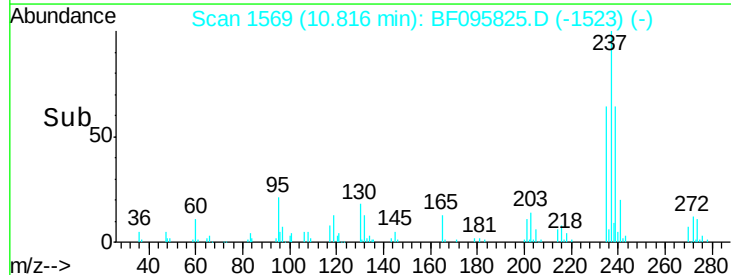
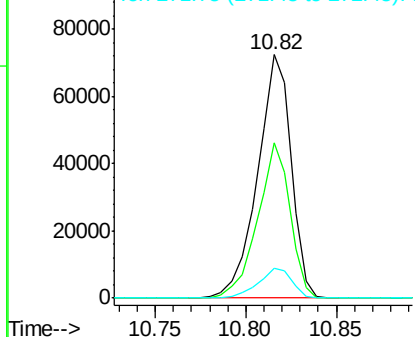


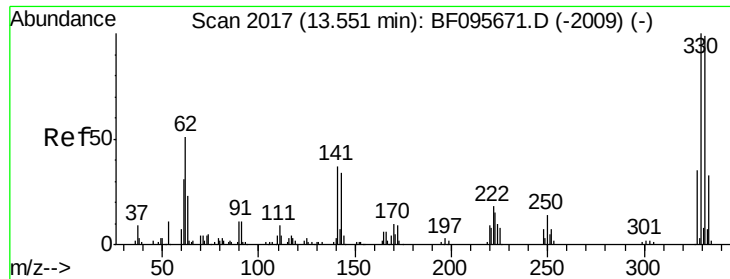
#40
 Hexachlorocyclopentadiene
 Concen: 82.48 ng
 RT: 10.82 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion: 237 Resp: 93094
 Ion Ratio Lower Upper
 237 100
 235 63.6 42.6 82.6
 272 12.3 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

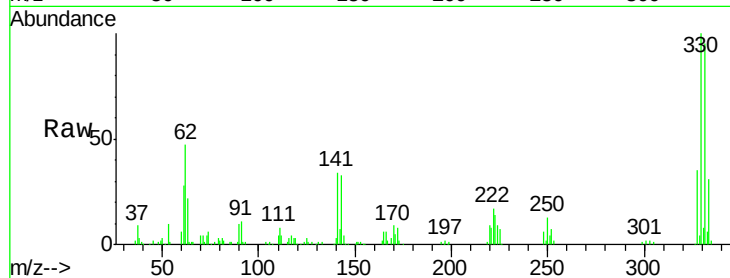




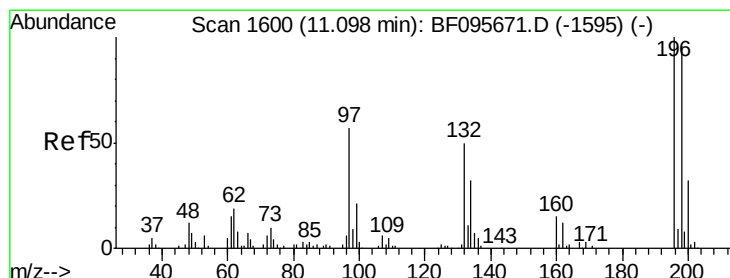
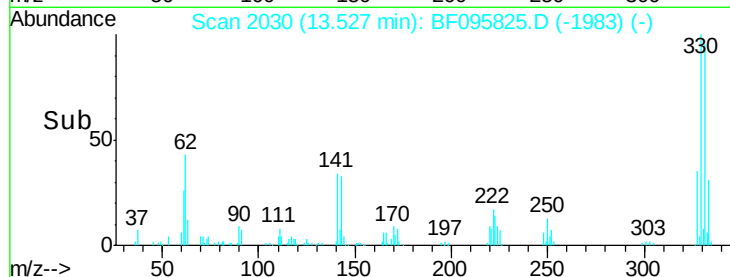
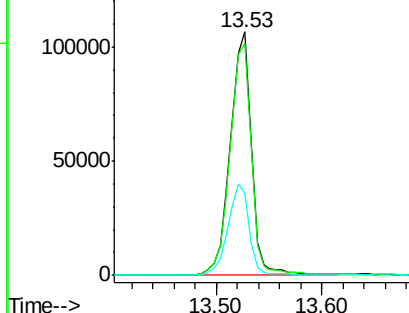
#41
 2,4,6-Tribromophenol
 Concen: 139.73 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

Tgt Ion:330 Resp: 148007
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 37.9 31.4 47.2

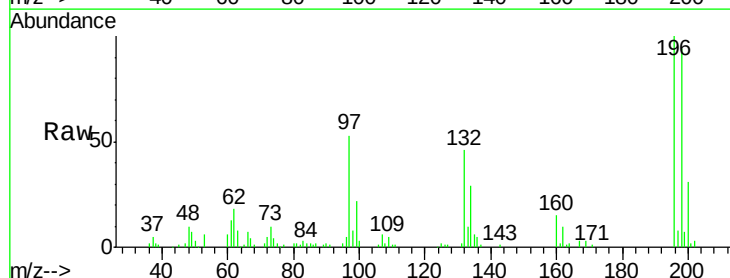


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

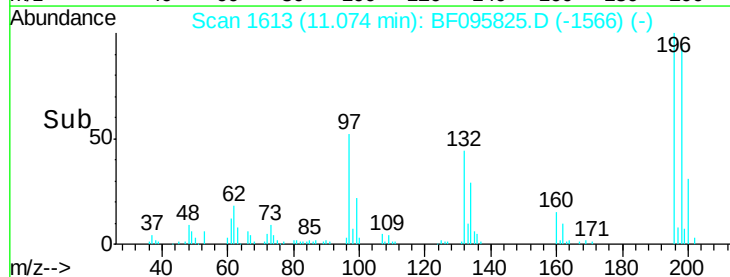
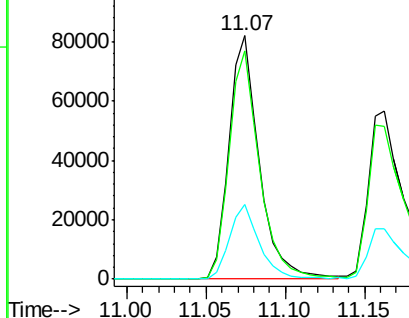


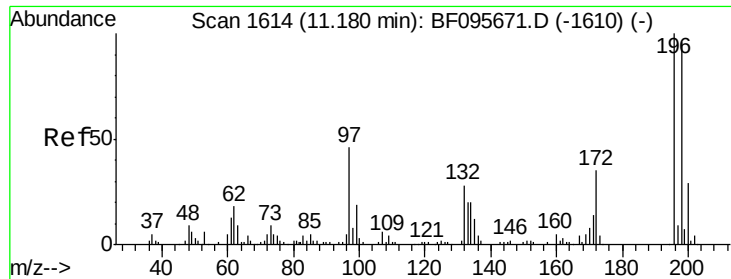
#42
 2,4,6-Trichlorophenol
 Concen: 46.95 ng
 RT: 11.07 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion:196 Resp: 108163
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.2 111.4
 200 30.5 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

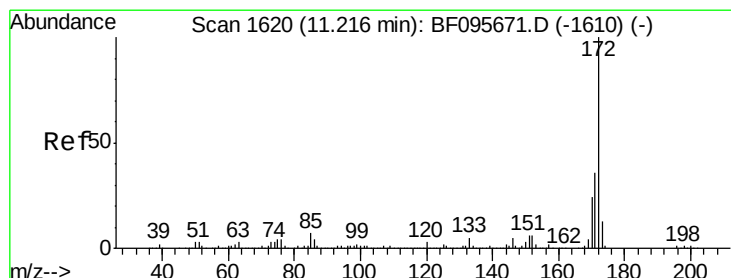
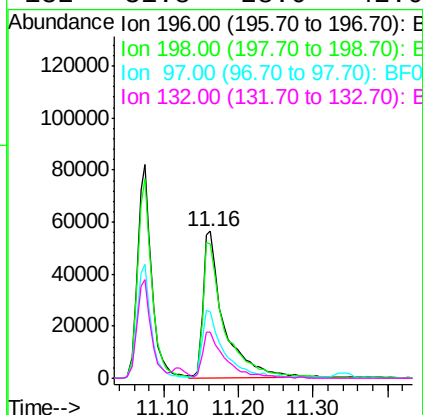
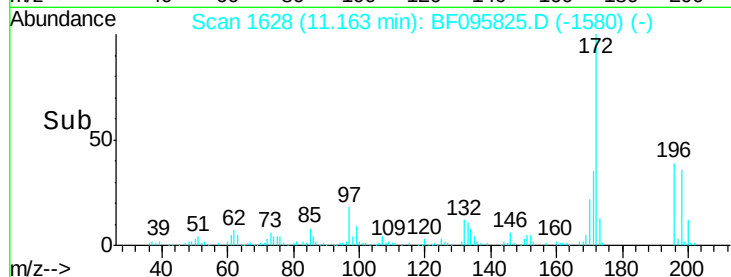
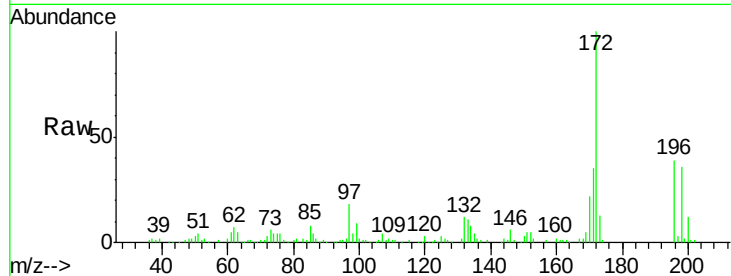




#43
 2,4,5-Trichlorophenol
 Concen: 44.99 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

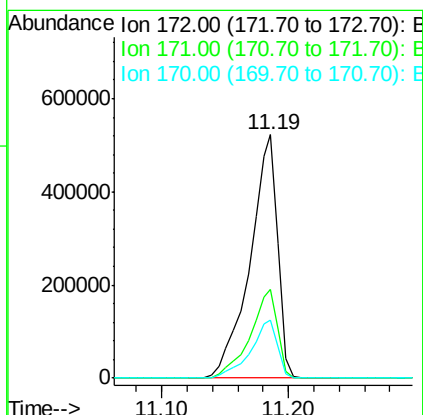
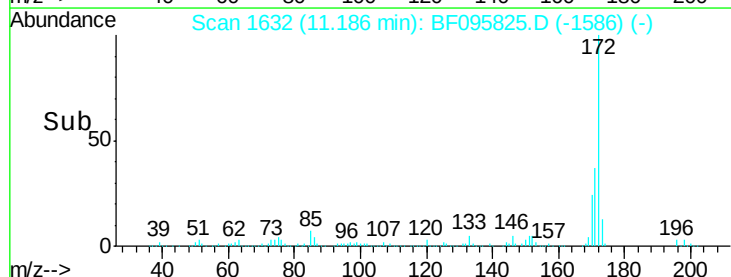
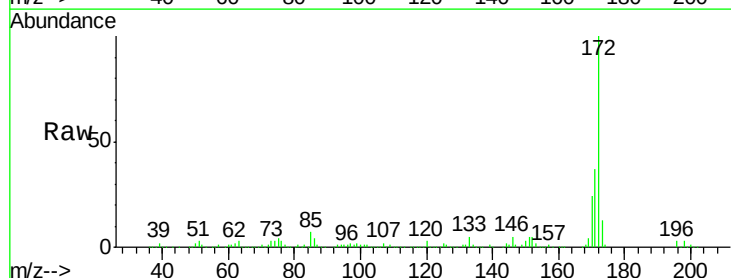
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

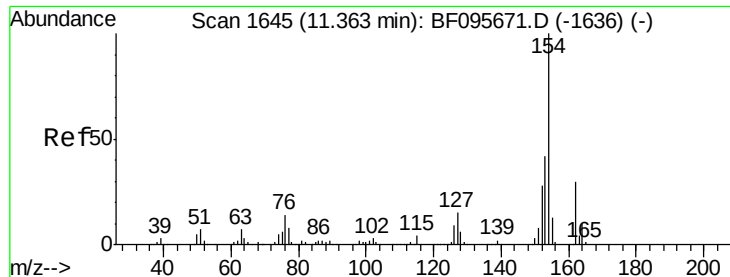
Tgt Ion	Resp	Lower	Upper
196	110251		
198	91.3	75.7	113.5
97	45.1	47.7	71.5#
132	31.8	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 92.22 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion	Resp	Lower	Upper
172	793427		
171	36.5	29.6	44.4
170	23.8	19.8	29.8

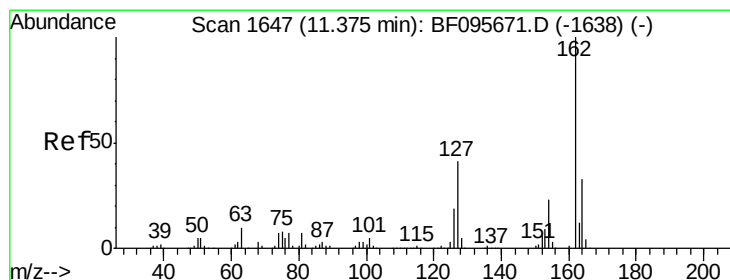
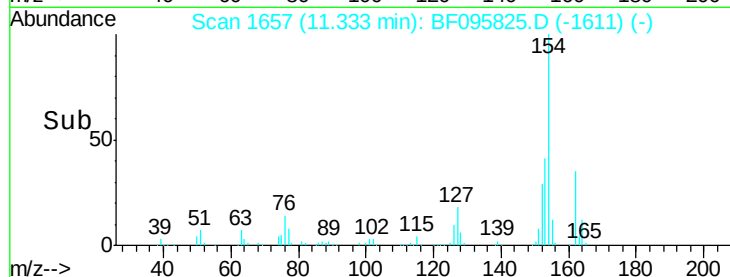
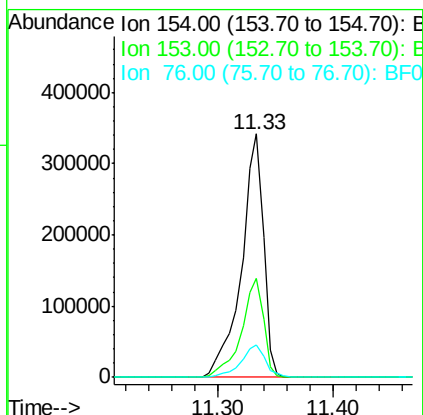
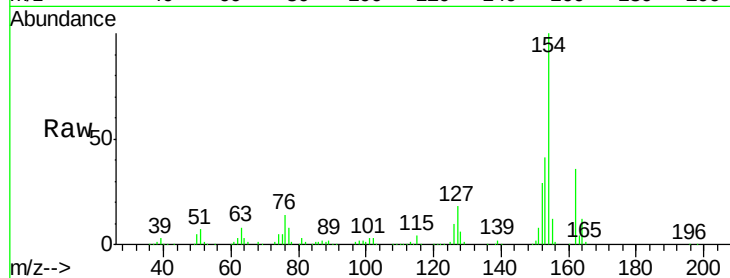




#45
 1,1'-Biphenyl
 Concen: 45.78 ng
 RT: 11.33 min Scan# 1657
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

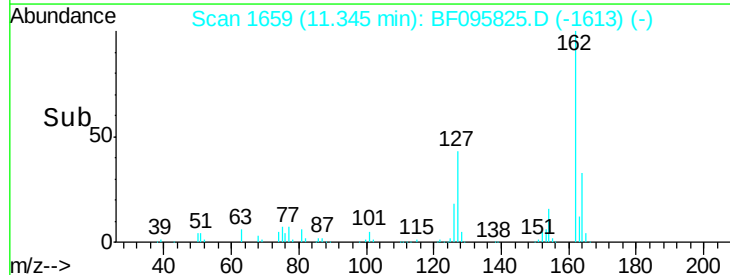
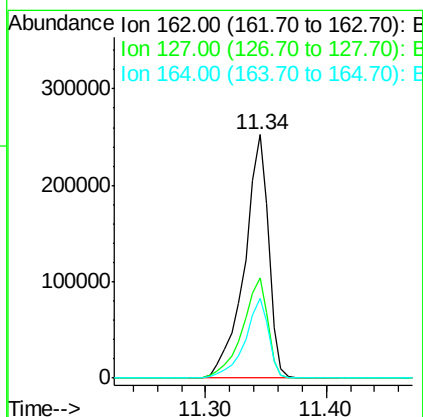
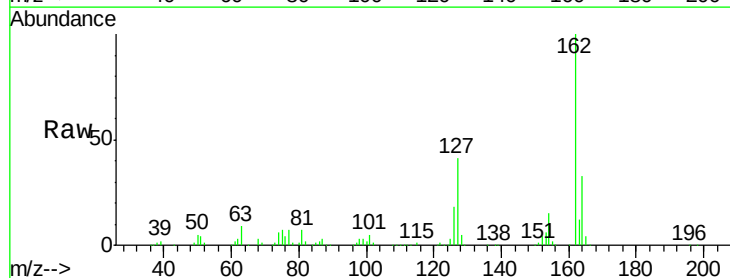
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

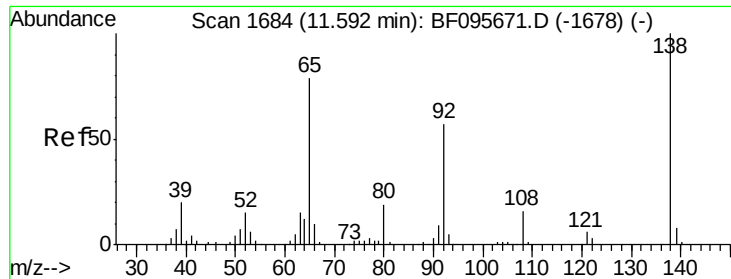
Tgt Ion:154 Resp: 451723
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 13.6 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 45.70 ng
 RT: 11.34 min Scan# 1659
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion:162 Resp: 352344
 Ion Ratio Lower Upper
 162 100
 127 41.3 28.3 42.5
 164 32.8 27.0 40.4

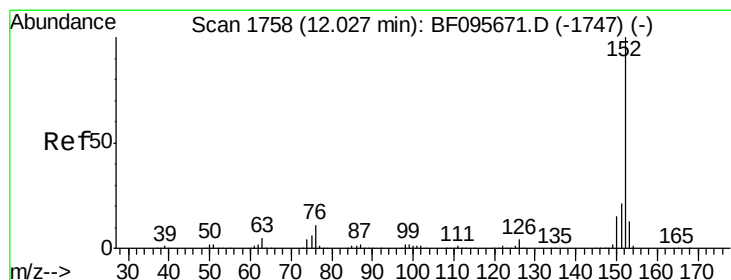
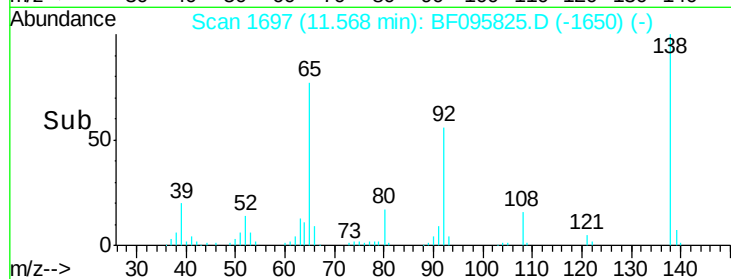
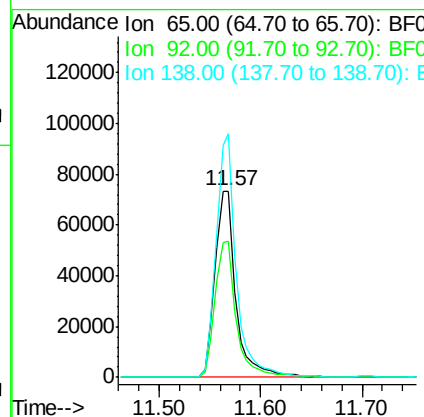
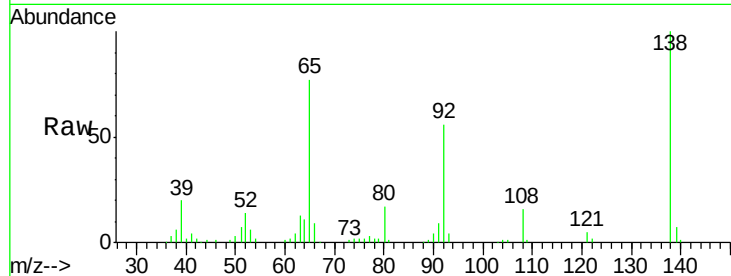




#47
 2-Nitroaniline
 Concen: 46.99 ng
 RT: 11.57 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

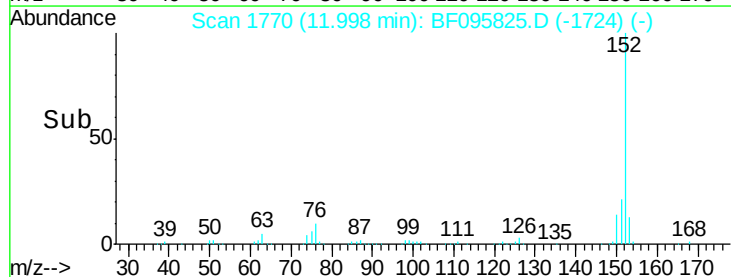
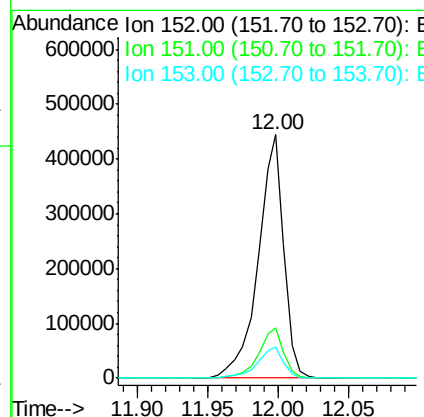
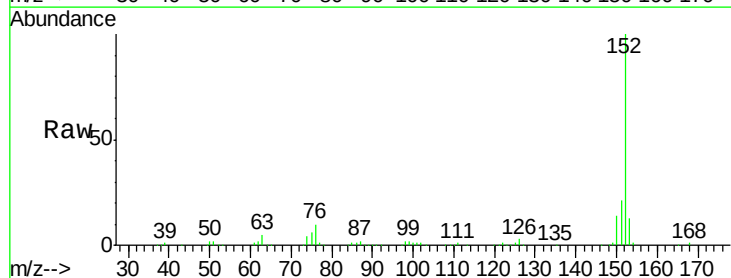
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

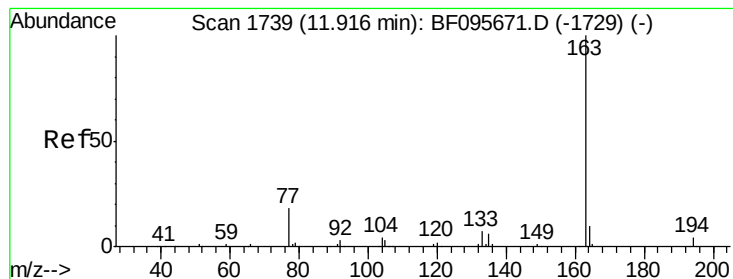
Tgt Ion: 65 Resp: 106024
 Ion Ratio Lower Upper
 65 100
 92 73.0 53.9 80.9
 138 130.7 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.97 ng
 RT: 12.00 min Scan# 1770
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion: 152 Resp: 566517
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 45.84 ng

RT: 11.89 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

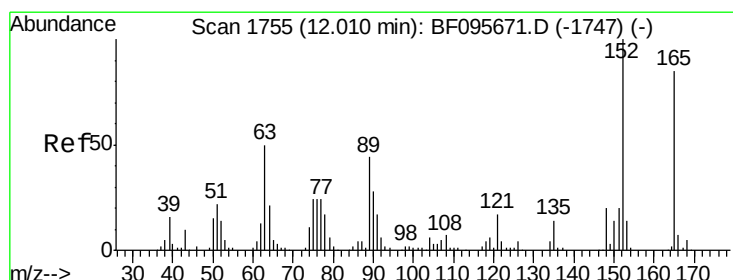
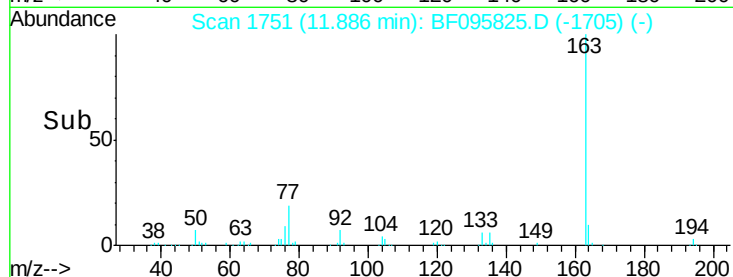
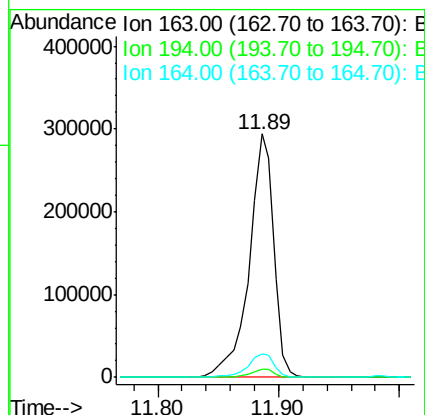
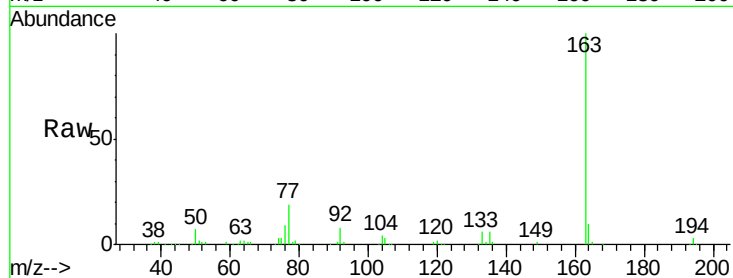
Instrument :

BNA_F

ClientSampleId :

PB99623BS

Tgt Ion:163	Resp:	416735
Ion Ratio	Lower	Upper
163	100	
194	3.3	2.6 4.0
164	9.7	8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 46.13 ng

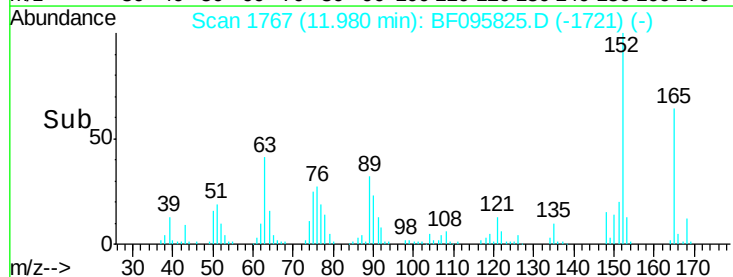
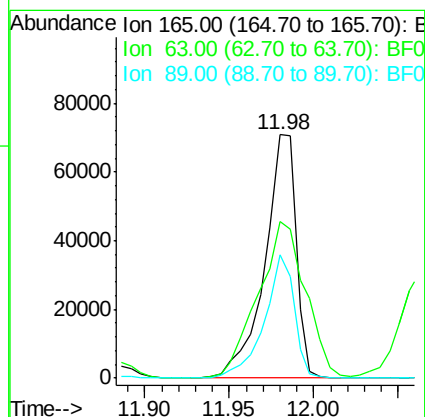
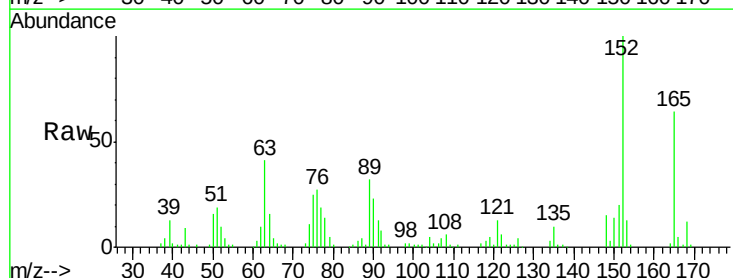
RT: 11.98 min Scan# 1767

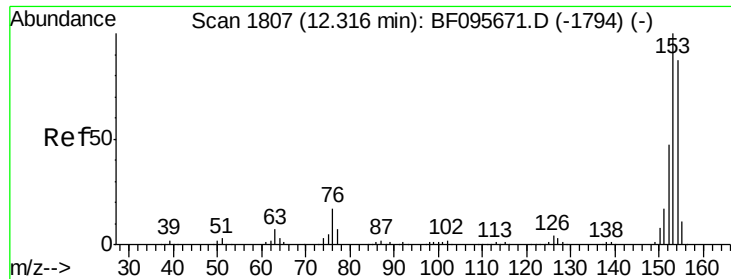
Delta R.T. -0.03 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Tgt Ion:165	Resp:	91467
Ion Ratio	Lower	Upper
165	100	
63	64.1	34.3 51.5#
89	50.7	37.1 55.7





#51

Acenaphthene

Concen: 43.70 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Instrument :

BNA_F

ClientSampleId :

PB99623BS

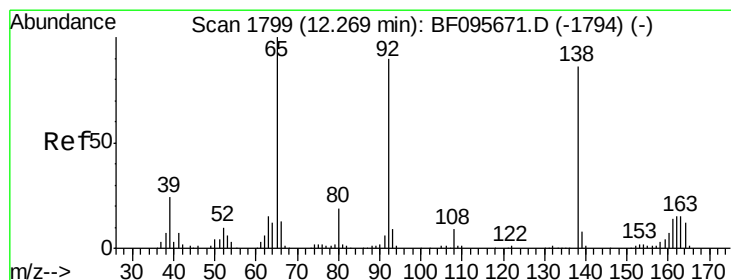
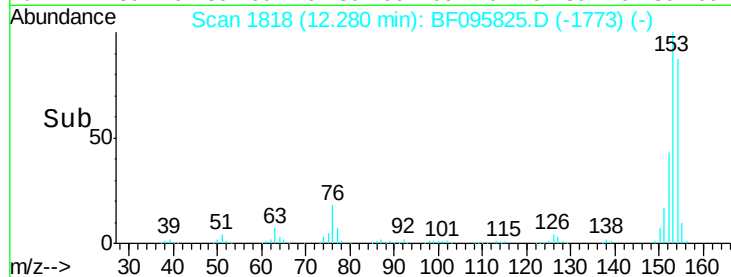
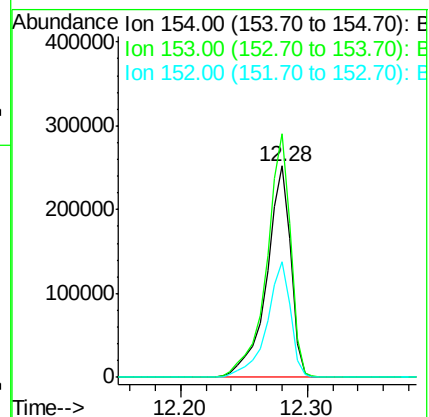
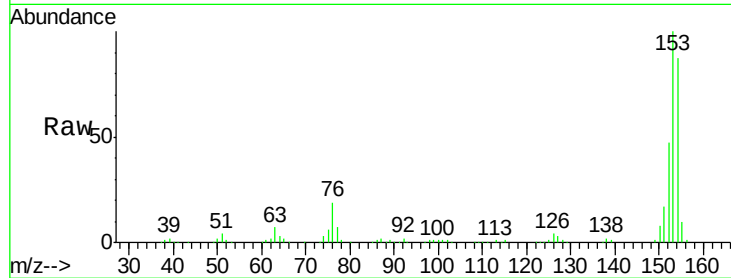
Tgt Ion:154 Resp: 332751

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

152 54.7 43.6 65.4



#52

3-Nitroaniline

Concen: 28.82 ng

RT: 12.24 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

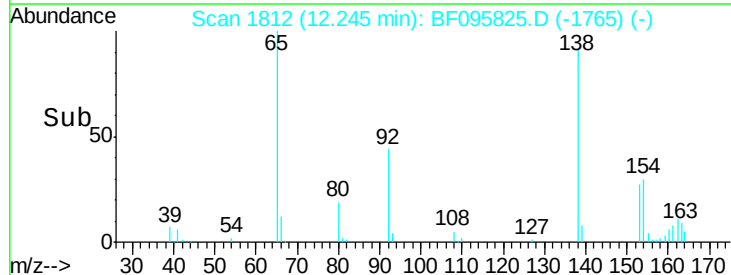
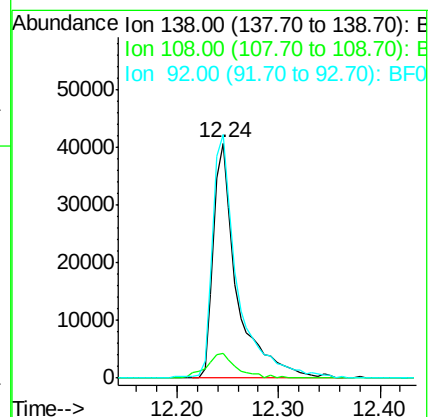
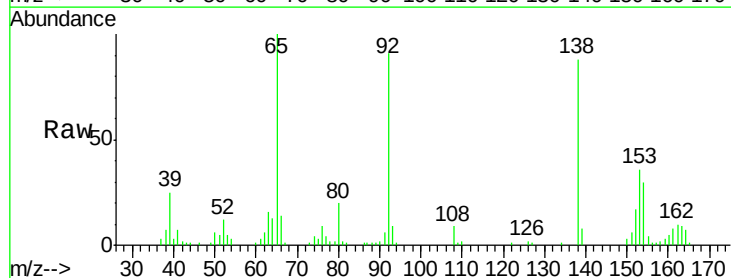
Tgt Ion:138 Resp: 66580

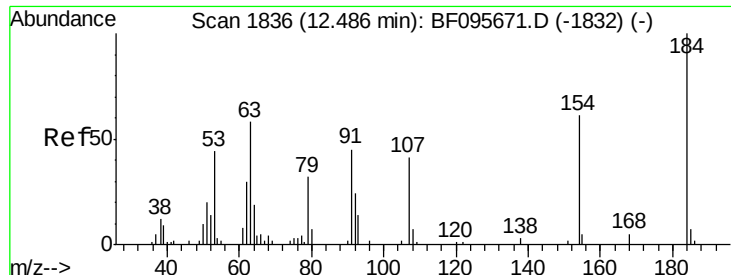
Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

92 103.6 93.8 140.6

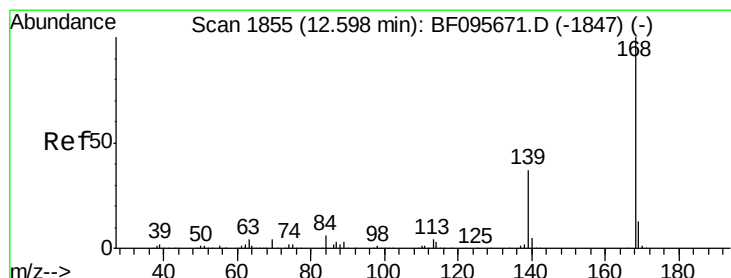
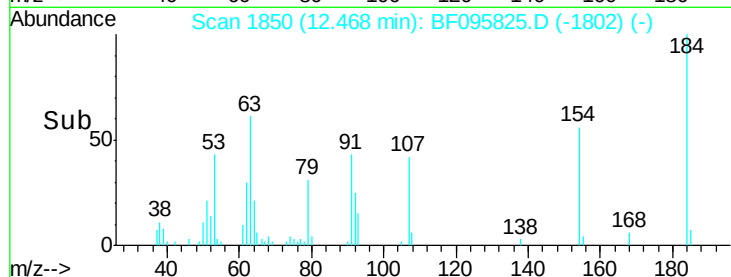
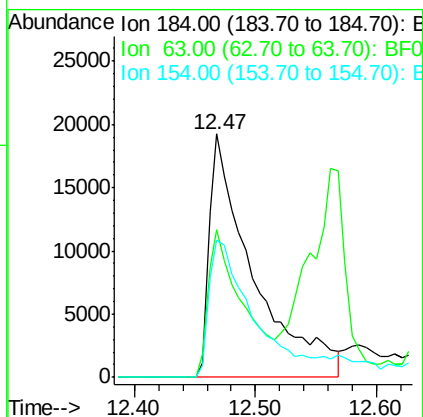
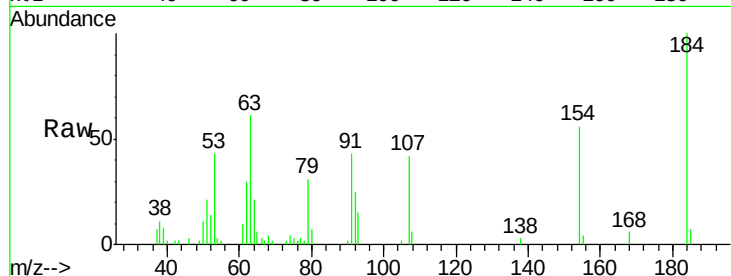




#53
2,4-Dinitrophenol
Concen: 45.71 ng
RT: 12.47 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

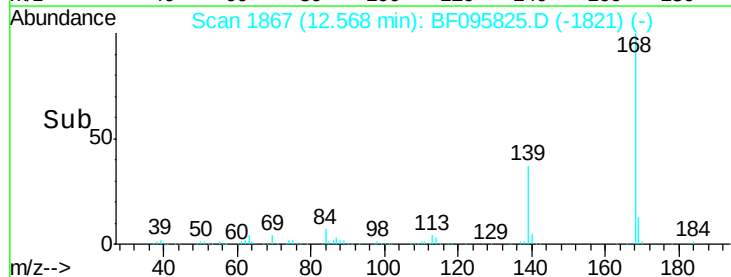
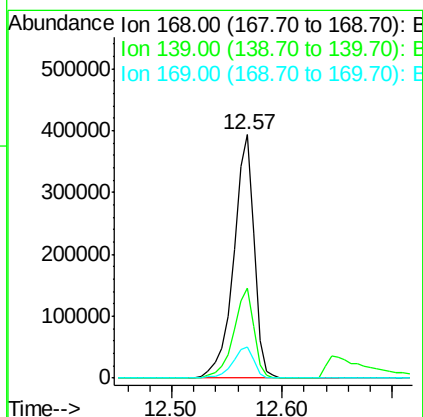
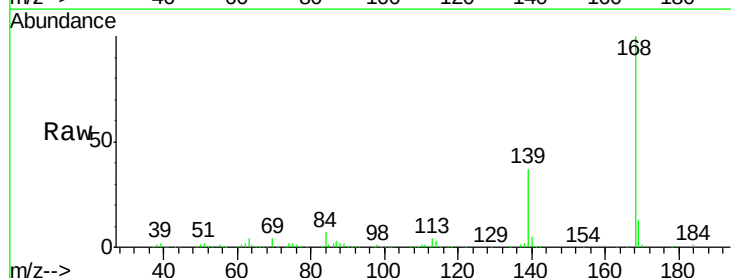
Instrument :
BNA_F
ClientSampleId :
PB99623BS

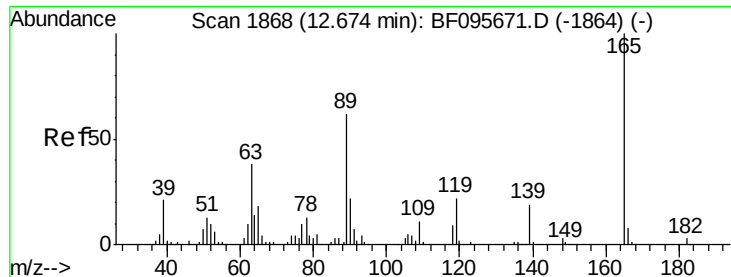
Tgt Ion:184 Resp: 47928
Ion Ratio Lower Upper
184 100
63 60.9 62.7 94.1#
154 56.2 81.1 121.7#



#54
Dibenzofuran
Concen: 47.66 ng
RT: 12.57 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion:168 Resp: 510783
Ion Ratio Lower Upper
168 100
139 36.8 30.6 45.8
169 12.9 10.8 16.2

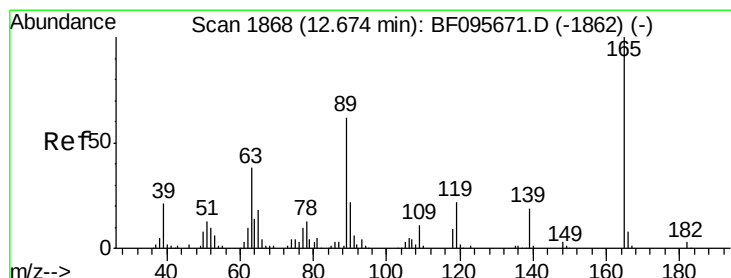
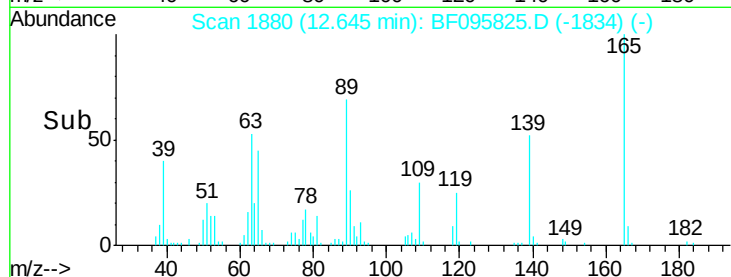
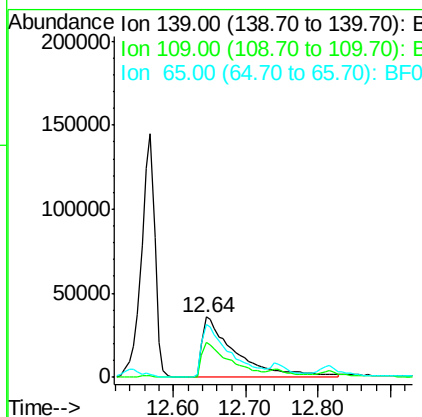
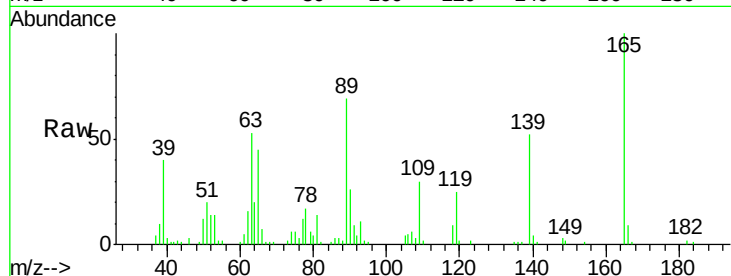




#55
4-Nitrophenol
Concen: 84.87 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

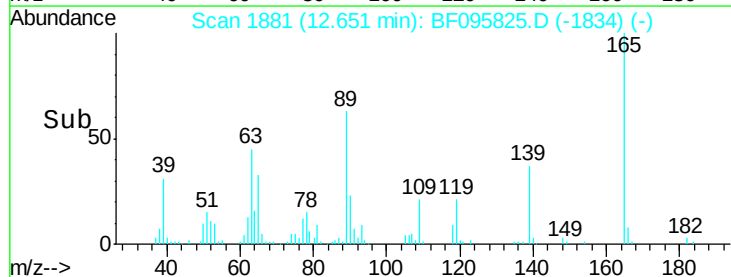
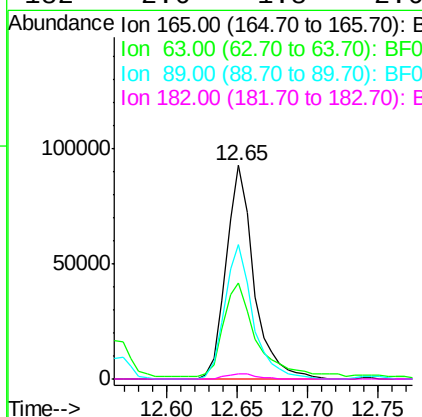
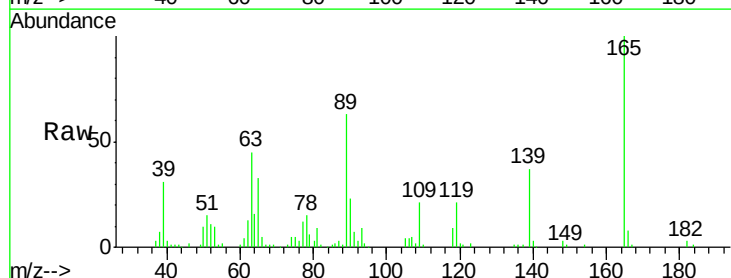
Instrument :
BNA_F
ClientSampleId :
PB99623BS

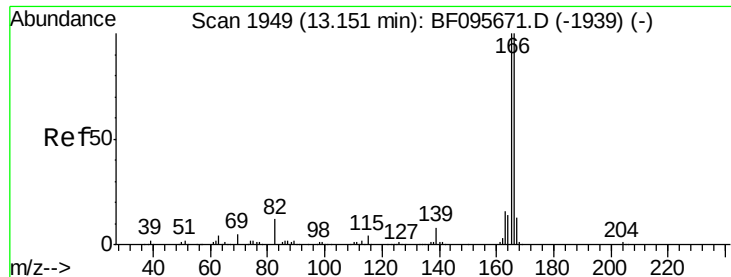
Tgt Ion:139 Resp: 114871
Ion Ratio Lower Upper
139 100
109 57.3 34.1 74.1
65 87.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 47.65 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion:165 Resp: 127618
Ion Ratio Lower Upper
165 100
63 44.8 25.4 38.0#
89 63.2 46.4 69.6
182 2.6 1.8 2.6





#57

Fluorene

Concen: 44.18 ng

RT: 13.12 min Scan# 1961

Delta R.T. -0.03 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Instrument :

BNA_F

ClientSampleId :

PB99623BS

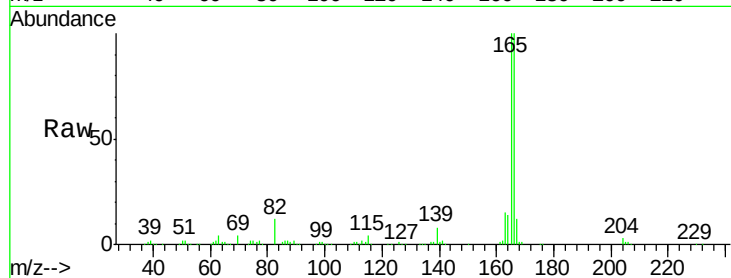
Tgt Ion:166 Resp: 411968

Ion Ratio Lower Upper

166 100

165 99.6 78.8 118.2

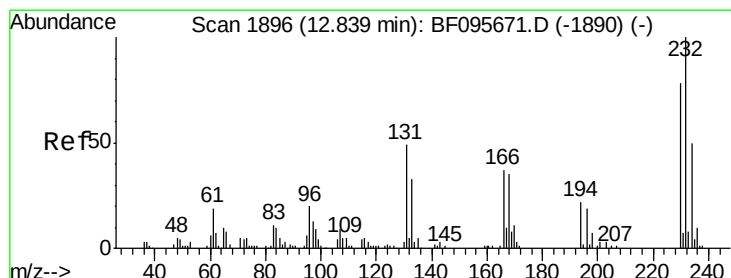
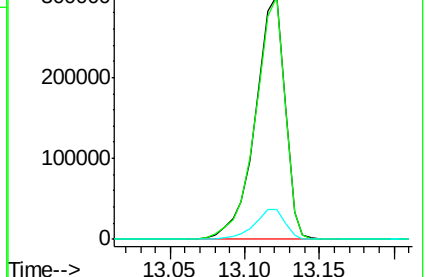
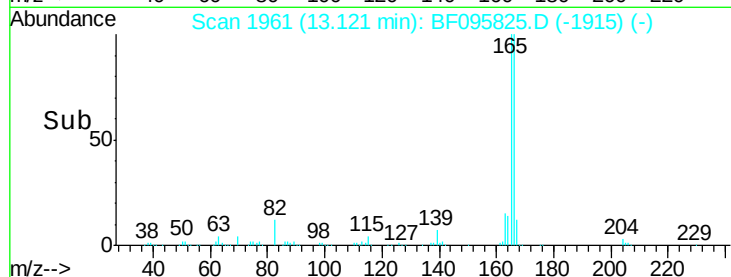
167 12.3 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.05 ng

RT: 12.82 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Tgt Ion:232 Resp: 80566

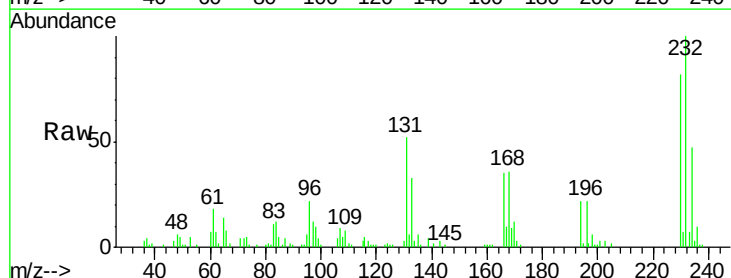
Ion Ratio Lower Upper

232 100

131 54.1 44.8 67.2

130 2.3 2.3 3.5

166 33.5 29.0 43.4

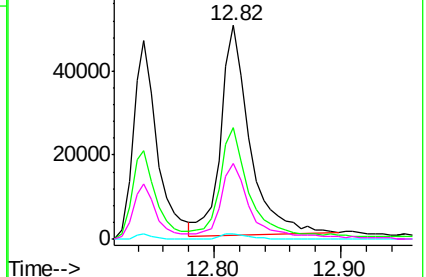
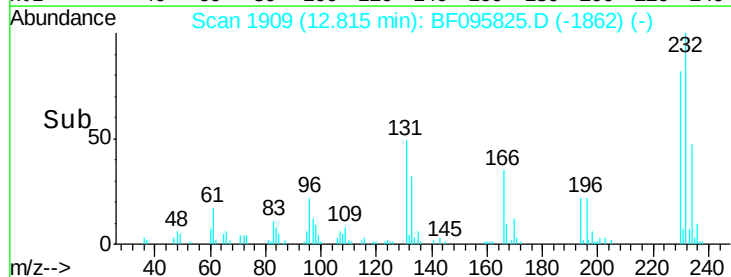


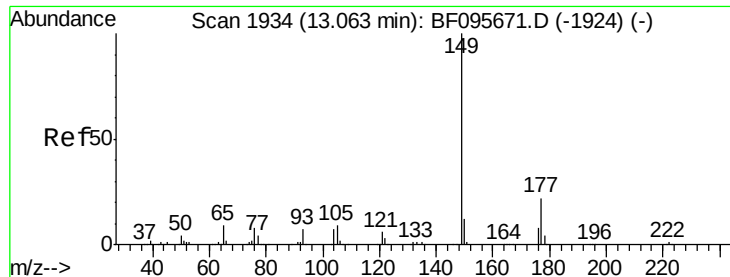
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

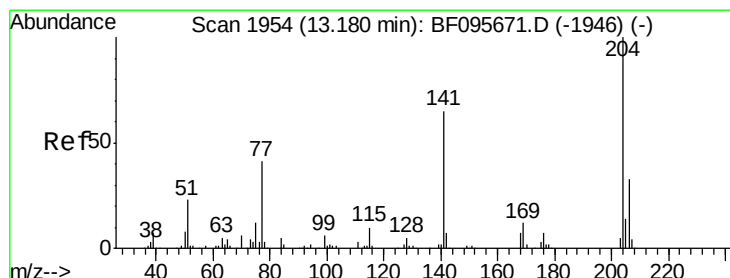
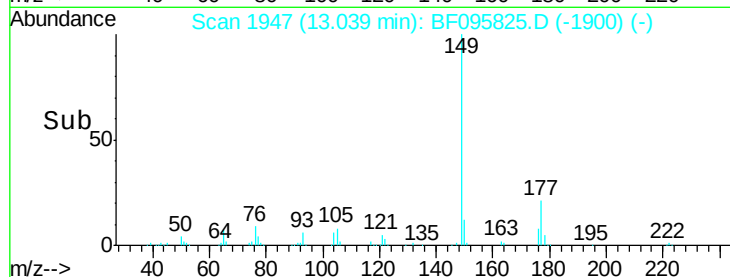
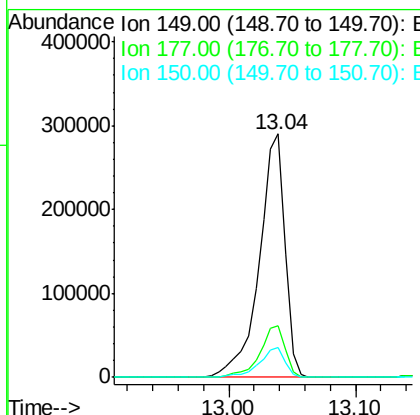
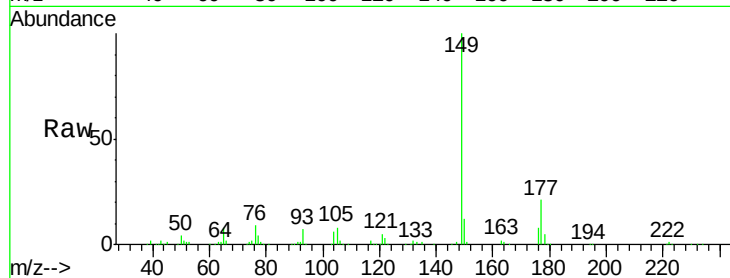




#59
Diethylphthalate
Concen: 46.83 ng
RT: 13.04 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

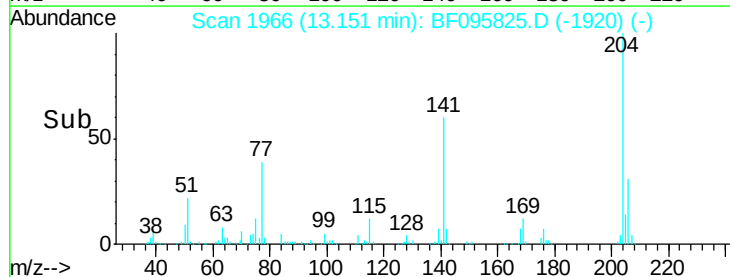
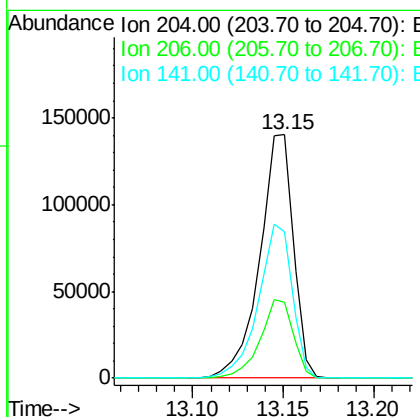
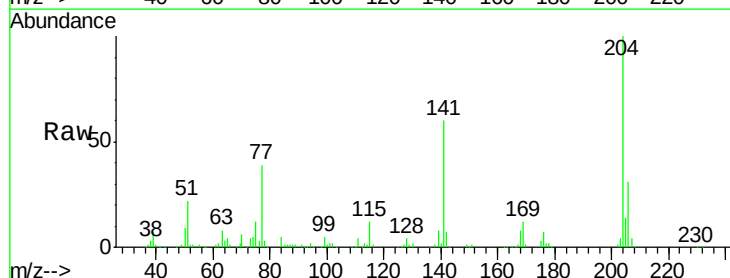
Instrument :
BNA_F
ClientSampleId :
PB99623BS

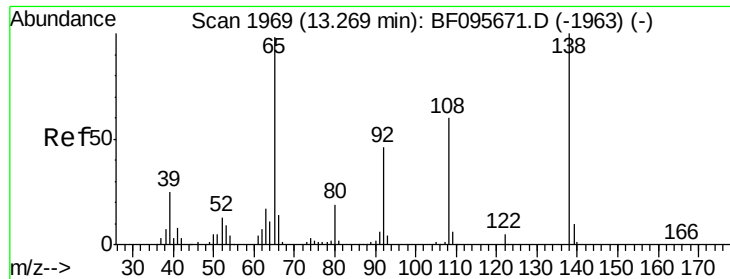
Tgt Ion:149 Resp: 409688
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.77 ng
RT: 13.15 min Scan# 1966
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion:204 Resp: 181580
Ion Ratio Lower Upper
204 100
206 31.3 26.2 39.2
141 60.3 60.8 91.2#

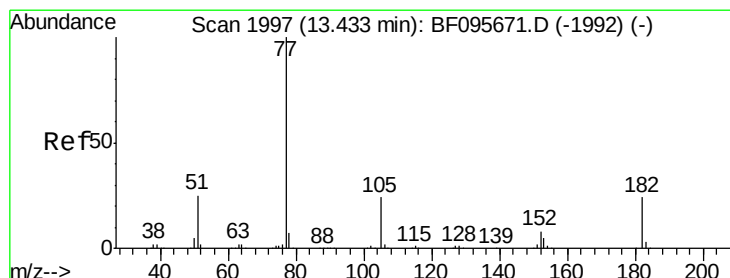
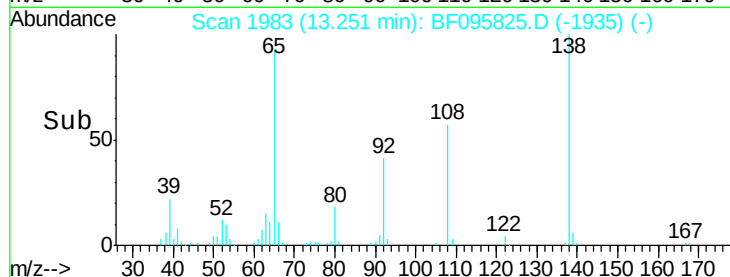
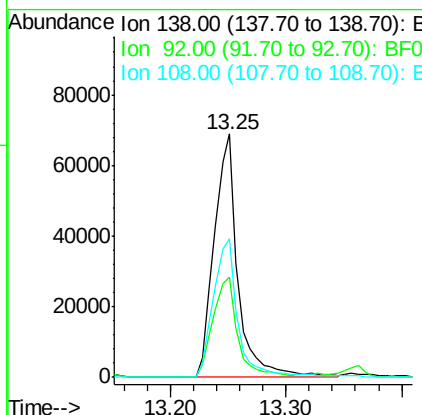
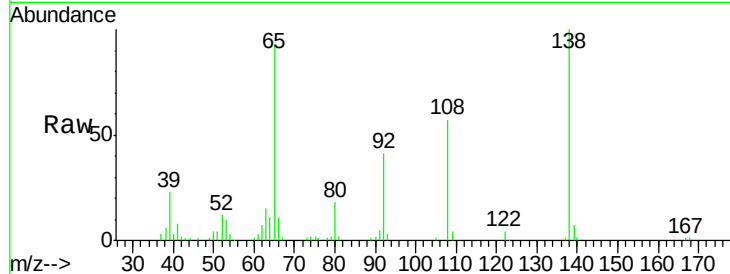




#61
 4-Nitroaniline
 Concen: 45.79 ng
 RT: 13.25 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

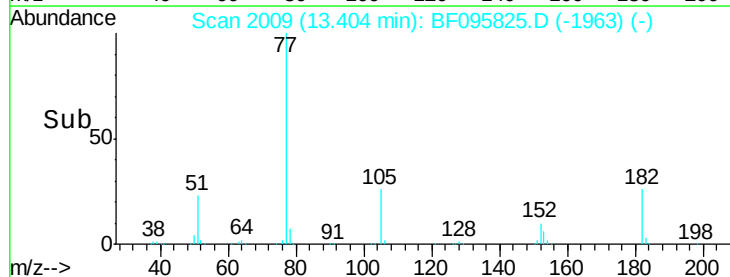
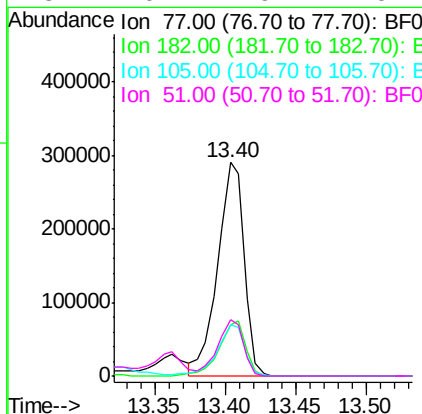
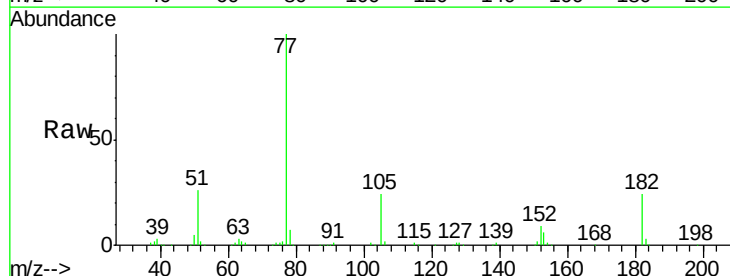
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

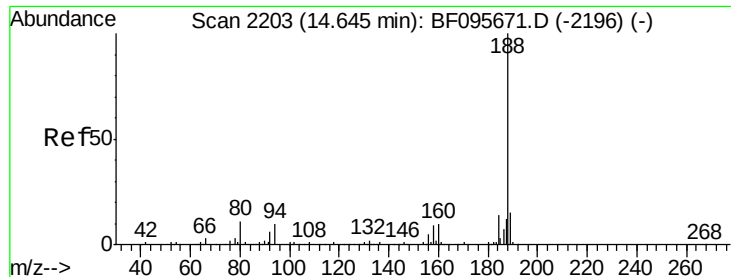
Tgt Ion:	138	Resp:	98767
Ion	Ratio	Lower	Upper
138	100		
92	40.9	21.8	61.8
108	56.9	42.3	82.3



#62
 Azobenzene
 Concen: 47.63 ng
 RT: 13.40 min Scan# 2009
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion:	77	Resp:	377607
Ion	Ratio	Lower	Upper
77	100		
182	23.9	0.1	40.1
105	23.9	3.6	43.6
51	26.2	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2215

Delta R.T. -0.03 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Instrument :

BNA_F

ClientSampleId :

PB99623BS

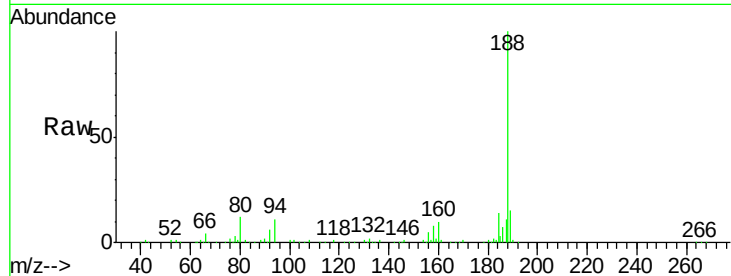
Tgt Ion:188 Resp: 217142

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

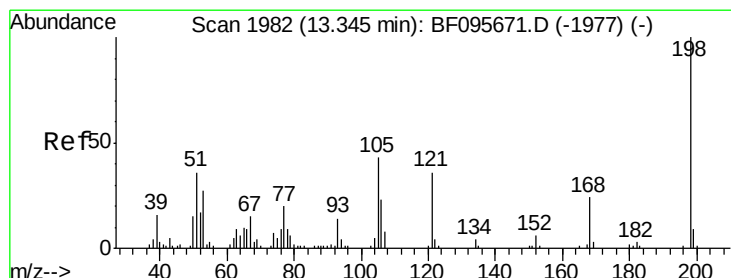
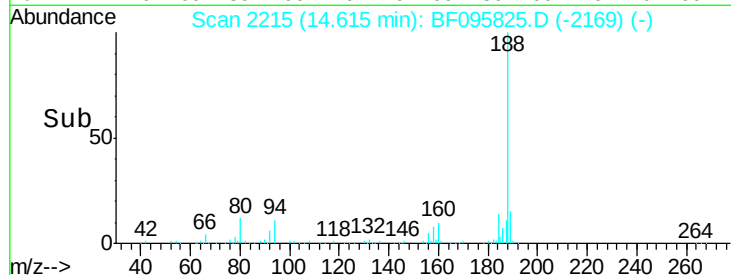
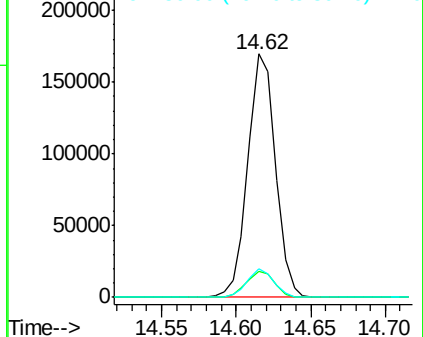
80 11.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.03 ng

RT: 13.33 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

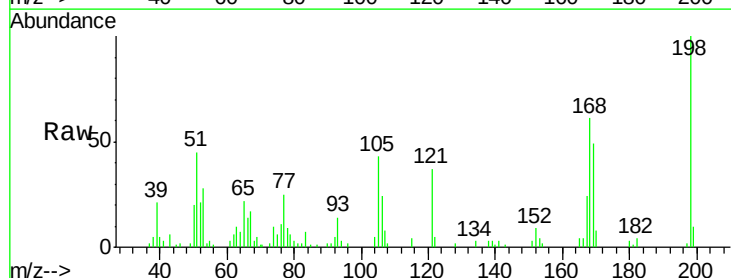
Tgt Ion:198 Resp: 49993

Ion Ratio Lower Upper

198 100

51 44.9 53.2 93.2#

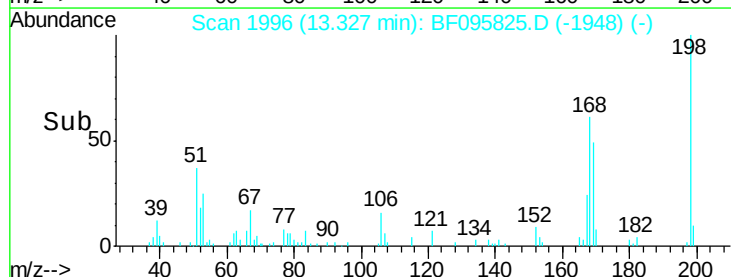
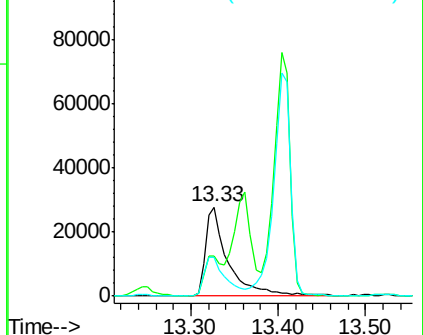
105 43.5 45.8 85.8#

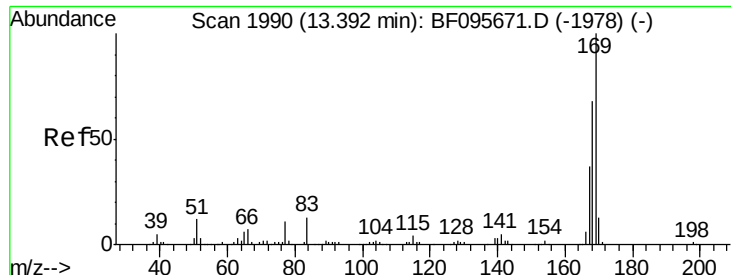


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

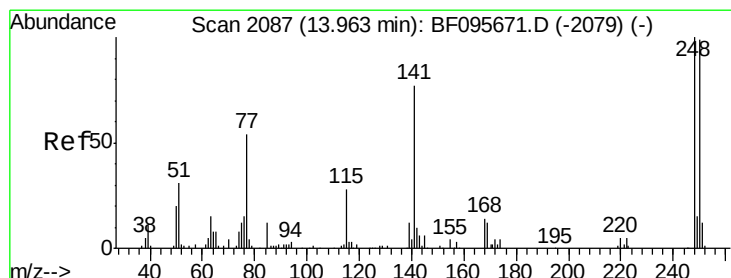
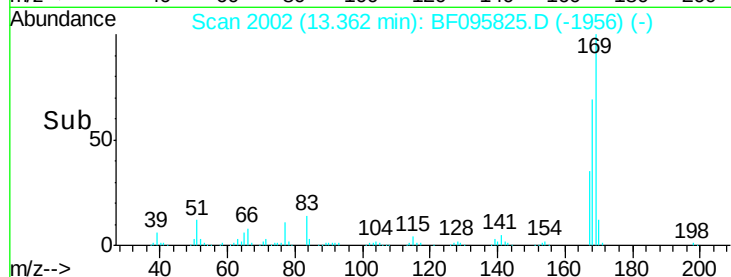
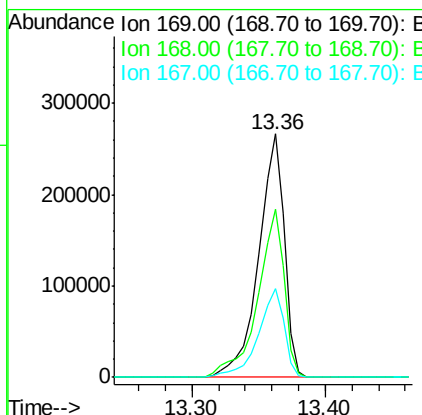
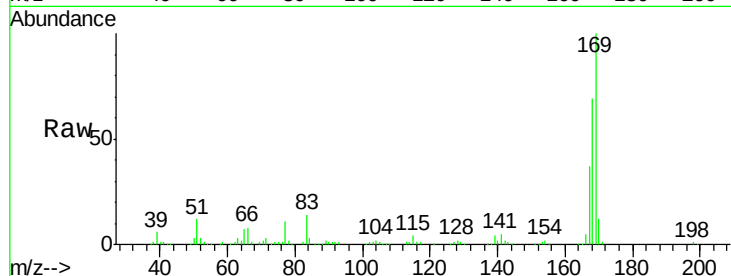




#65
n-Nitrosodiphenylamine
Concen: 45.38 ng
RT: 13.36 min Scan# 2002
Delta R.T. -0.03 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

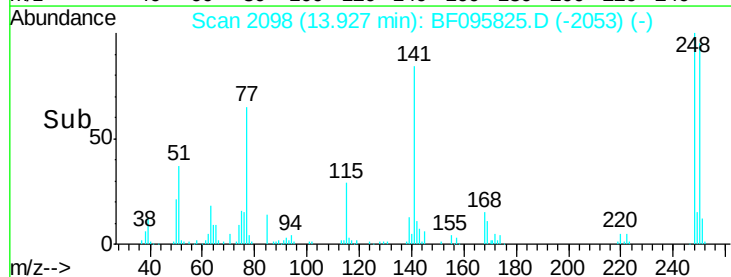
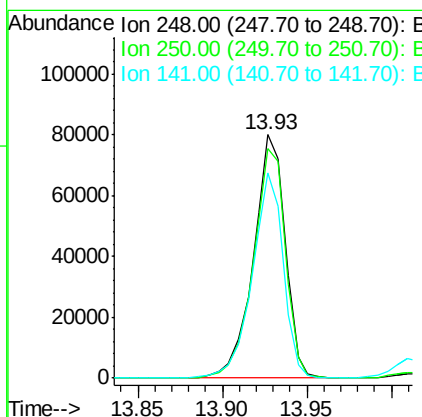
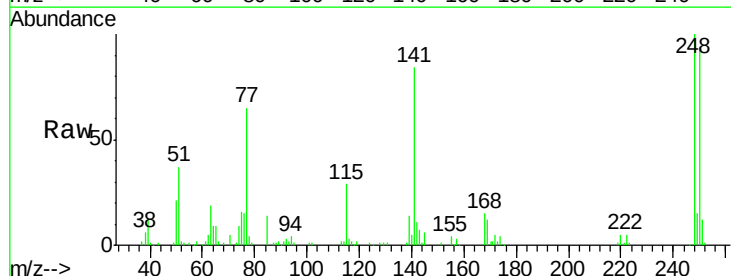
Instrument :
BNA_F
ClientSampleId :
PB99623BS

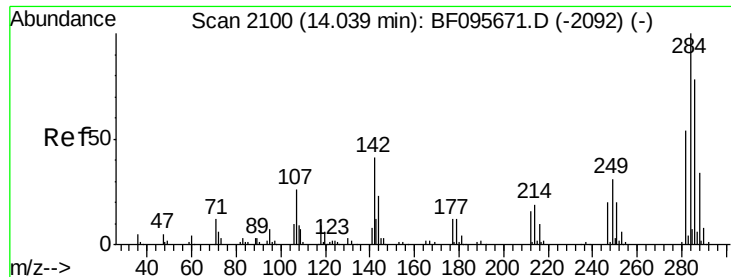
Tgt Ion:169 Resp: 354073
Ion Ratio Lower Upper
169 100
168 68.9 53.2 79.8
167 36.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 46.40 ng
RT: 13.93 min Scan# 2098
Delta R.T. -0.04 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion:248 Resp: 104721
Ion Ratio Lower Upper
248 100
250 94.1 76.8 115.2
141 84.5 68.6 103.0





#67

Hexachlorobenzene

Concen: 46.69 ng

RT: 14.02 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Instrument :

BNA_F

ClientSampleId :

PB99623BS

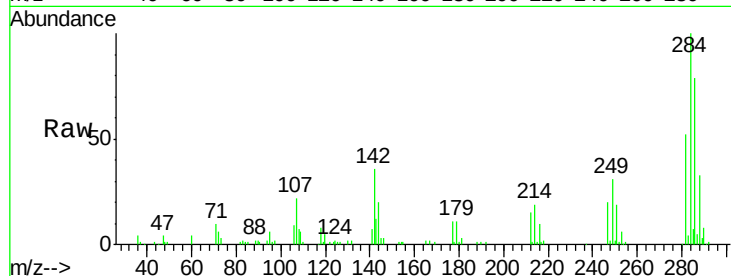
Tgt Ion:284 Resp: 103828

Ion Ratio Lower Upper

284 100

142 36.4 22.8 34.2#

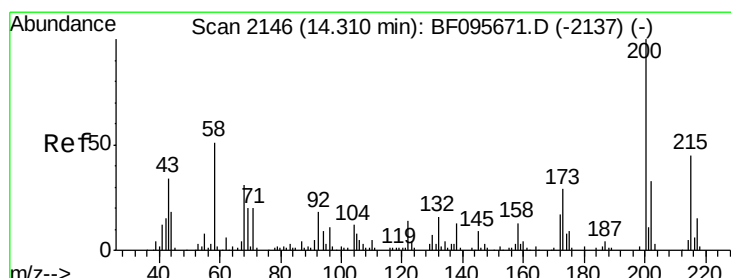
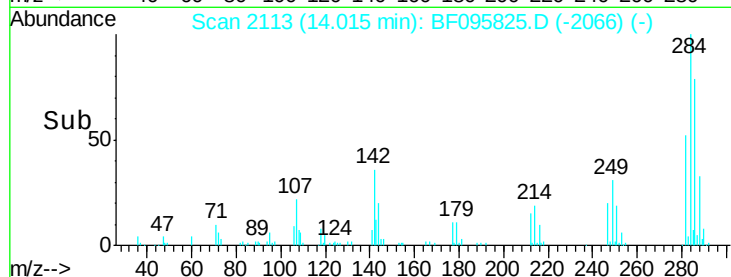
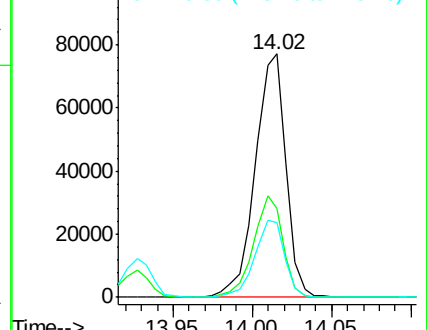
249 30.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.39 ng

RT: 14.29 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

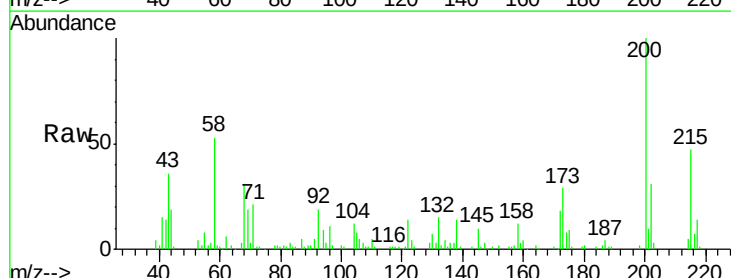
Tgt Ion:200 Resp: 105075

Ion Ratio Lower Upper

200 100

173 28.6 6.3 46.3

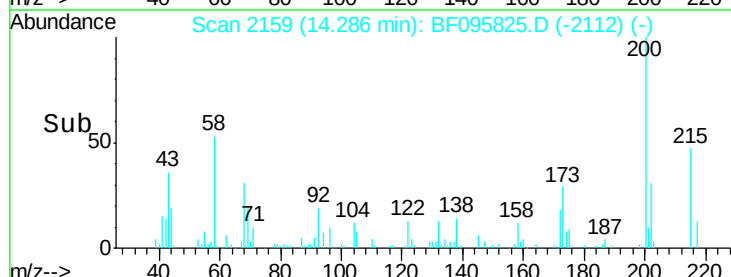
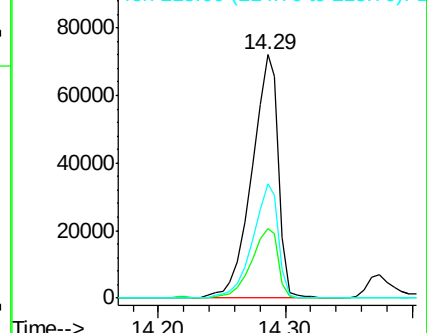
215 47.1 27.2 67.2

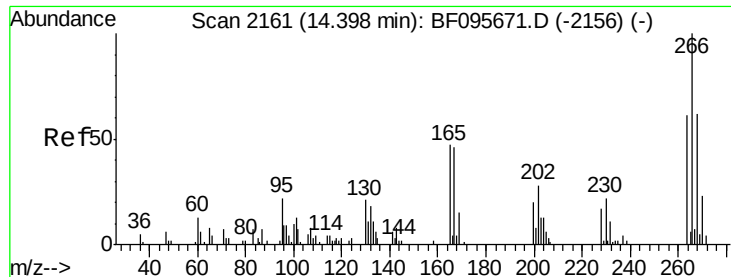


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

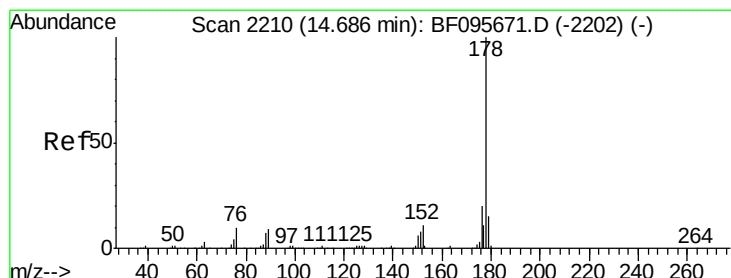
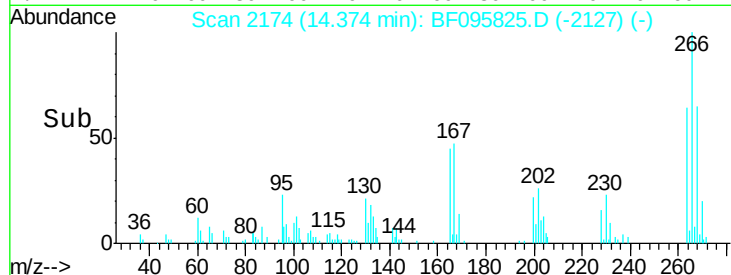
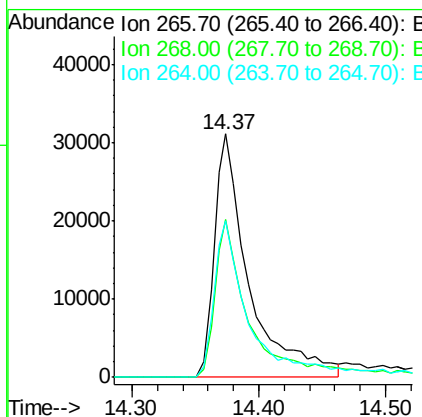
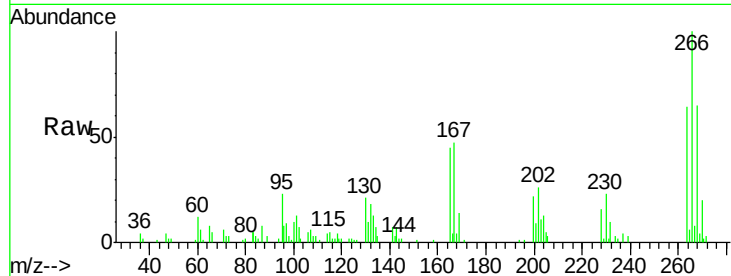




#69
 Pentachlorophenol
 Concen: 70.88 ng
 RT: 14.37 min Scan# 2174
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

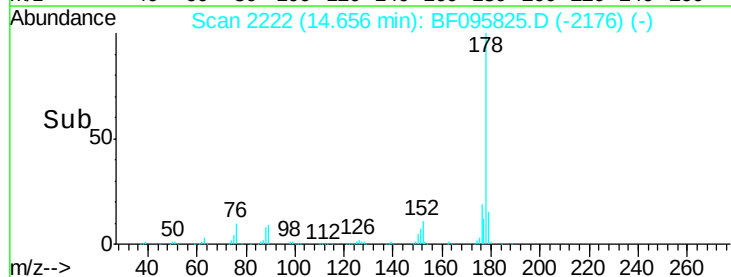
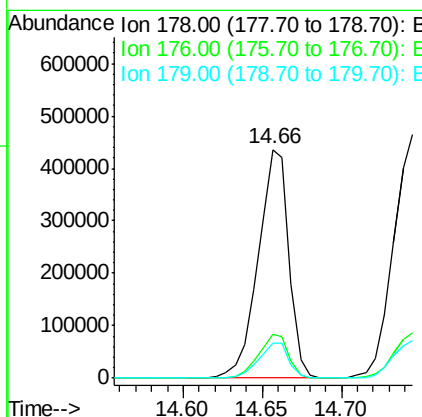
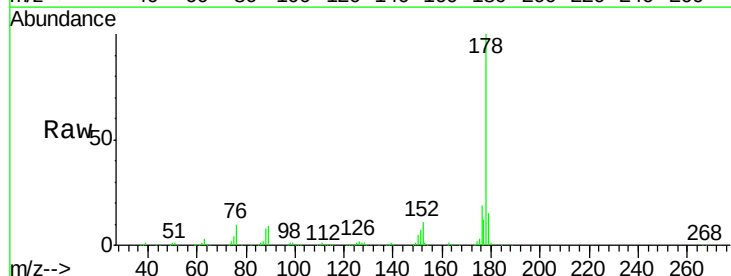
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

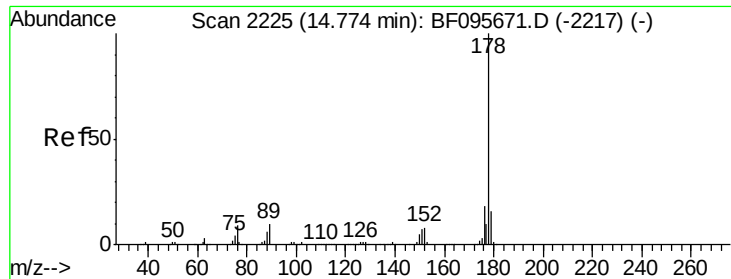
Tgt Ion: 266 Resp: 59070
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.1 76.7
 264 64.5 51.7 77.5



#70
 Phenanthrene
 Concen: 46.91 ng
 RT: 14.66 min Scan# 2222
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion: 178 Resp: 587779
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.5 12.6 19.0

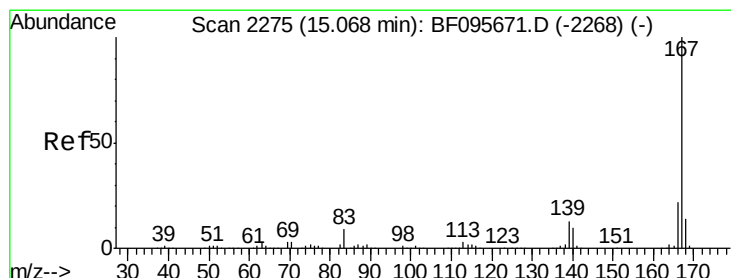
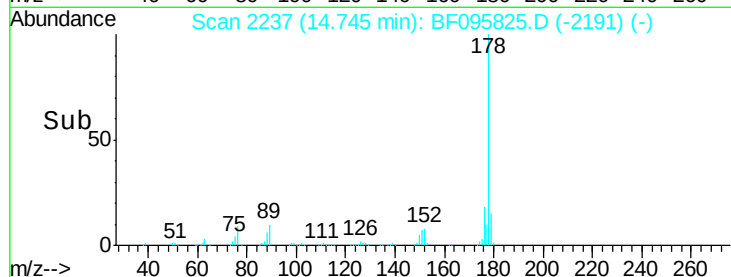
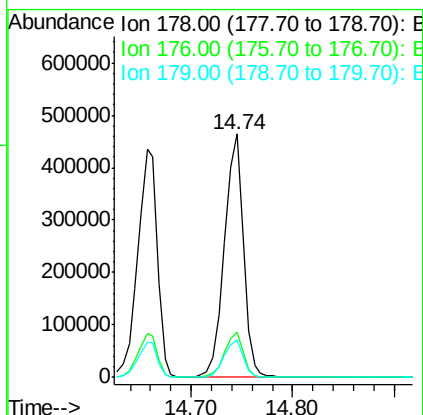
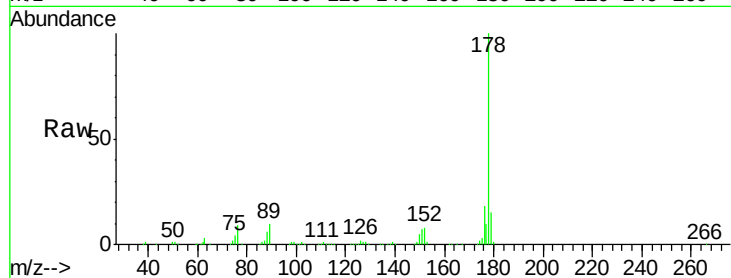




#71
 Anthracene
 Concen: 46.74 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

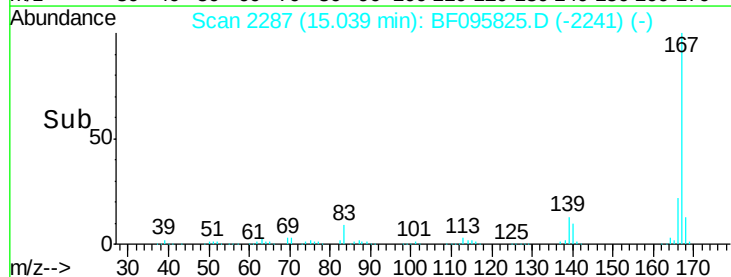
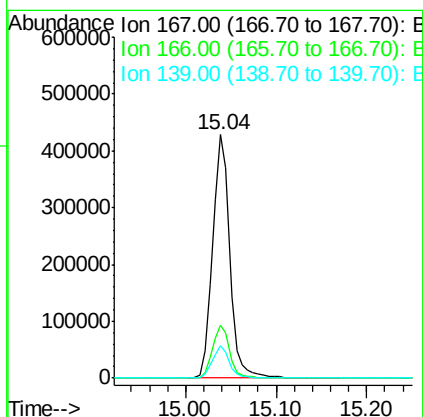
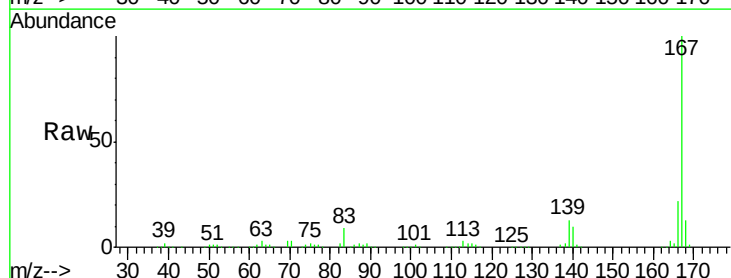
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

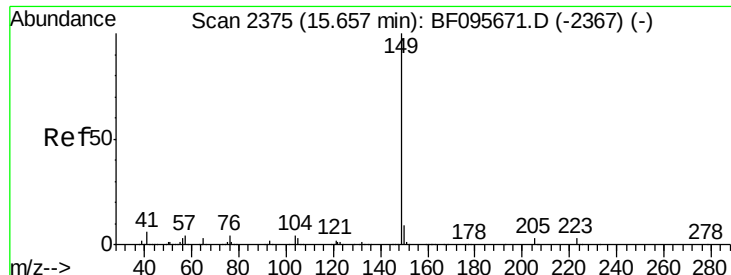
Tgt Ion:178 Resp: 611360
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 44.38 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion:167 Resp: 565706
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.2 11.7 17.5

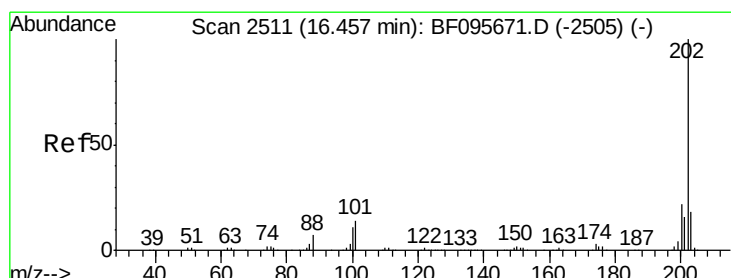
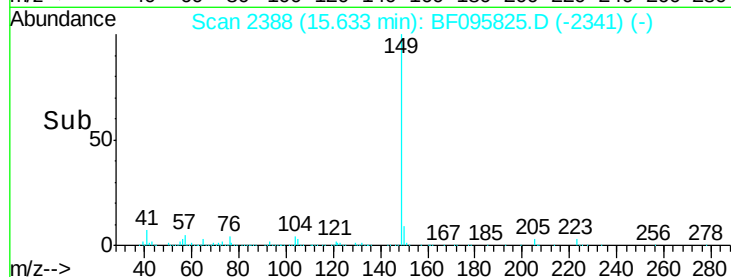
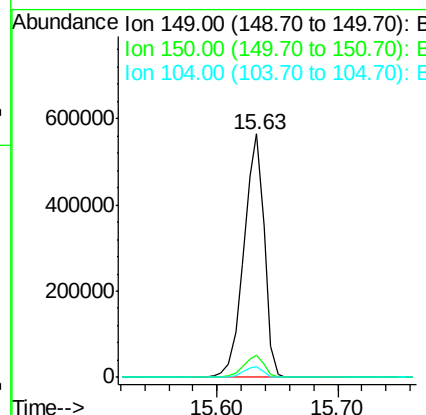
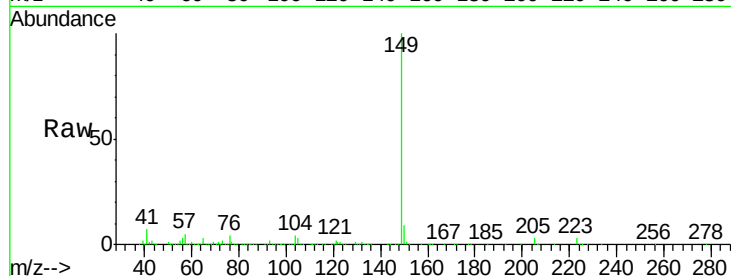




#73
Di-n-butylphthalate
Concen: 48.97 ng
RT: 15.63 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

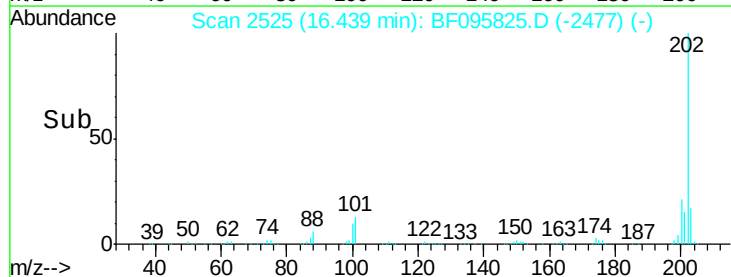
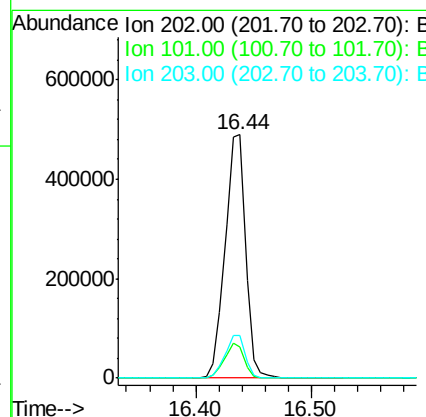
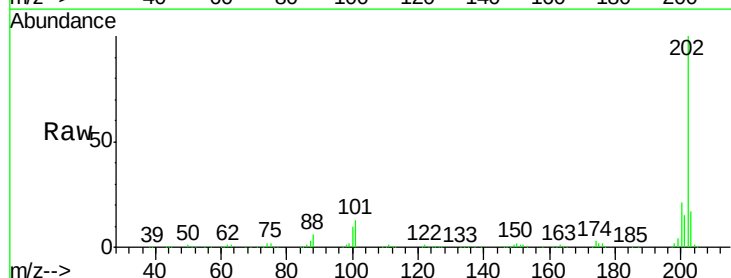
Instrument :
BNA_F
ClientSampleId :
PB99623BS

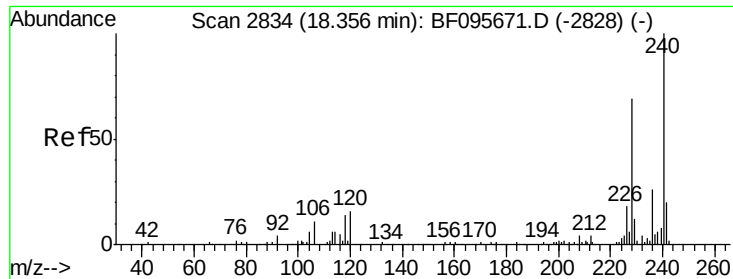
Tgt Ion:149 Resp: 664131
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 48.56 ng
RT: 16.44 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion:202 Resp: 602154
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

Instrument :

BNA_F

ClientSampleId :

PB99623BS

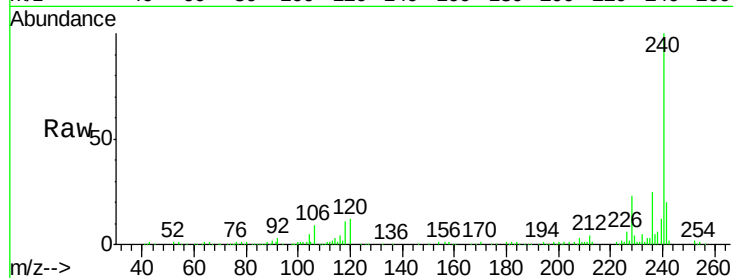
Tgt Ion:240 Resp: 164104

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

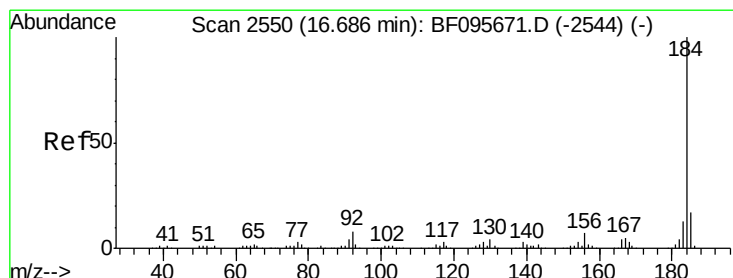
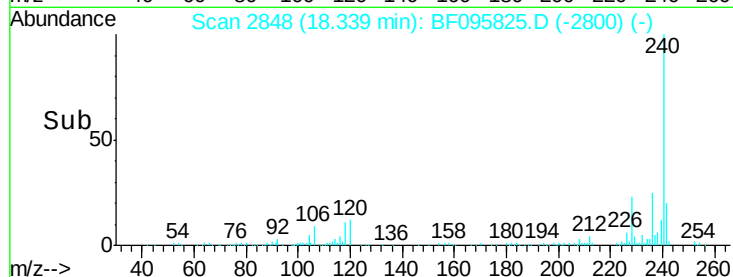
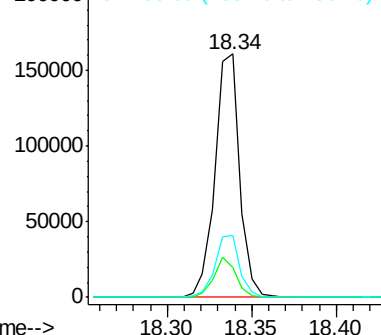
236 25.2 20.5 30.7



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: 27.41 ng

RT: 16.66 min Scan# 2563

Delta R.T. -0.02 min

Lab File: BF095825.D

Acq: 9 Jun 2017 17:11

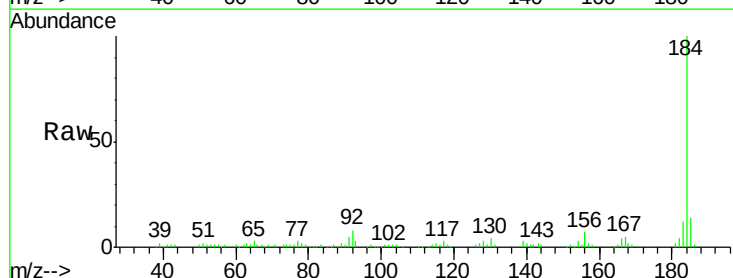
Tgt Ion:184 Resp: 172773

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

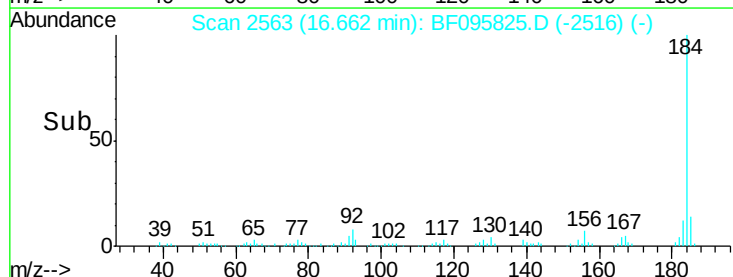
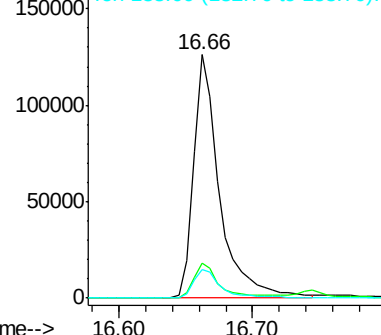
183 11.7 9.8 14.6

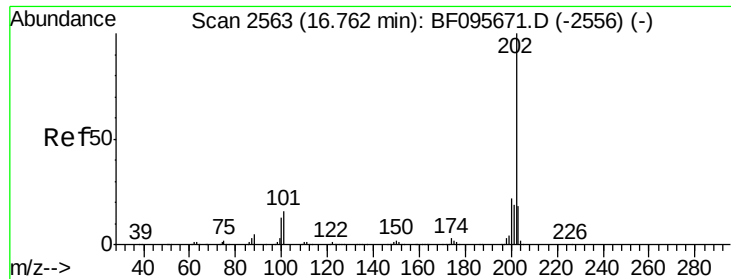


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

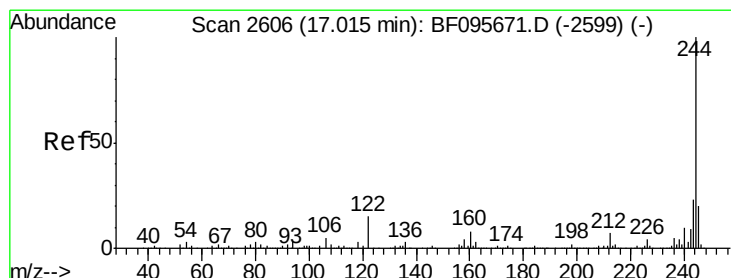
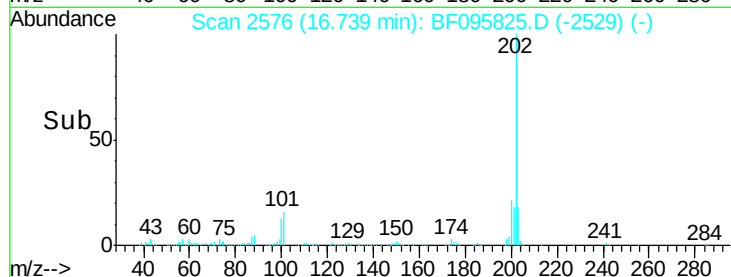
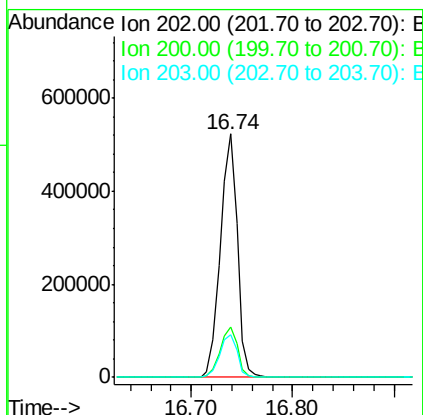
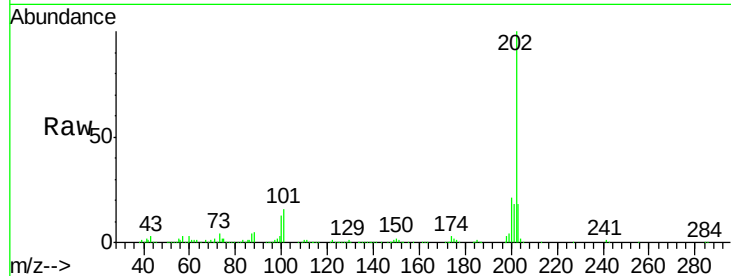




#77
 Pyrene
 Concen: 49.68 ng
 RT: 16.74 min Scan# 2576
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

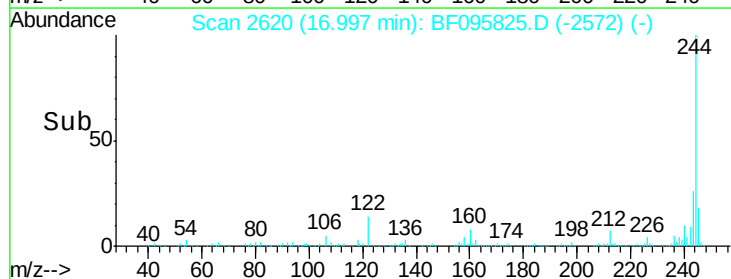
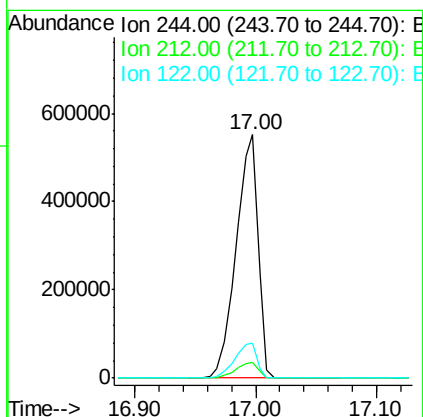
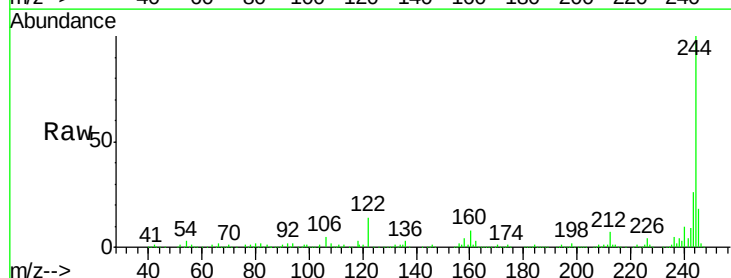
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

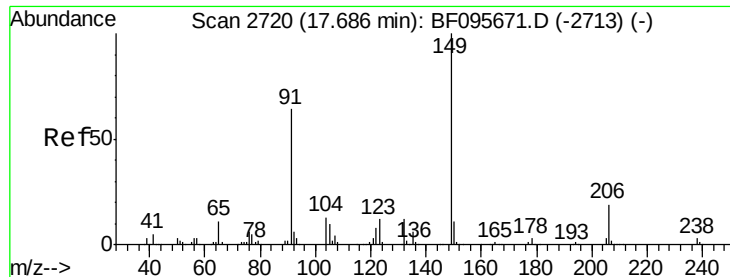
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.5	14.4	21.6



#78
 Terphenyl-d14
 Concen: 105.96 ng
 RT: 17.00 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.1	10.3	15.5

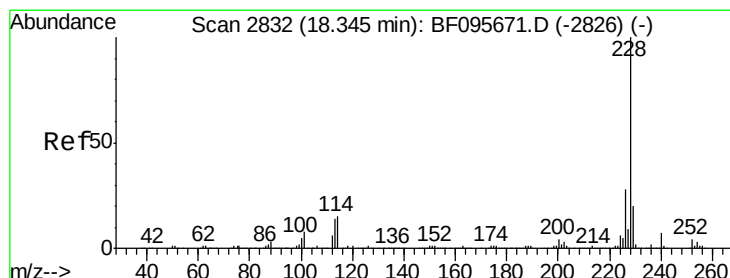
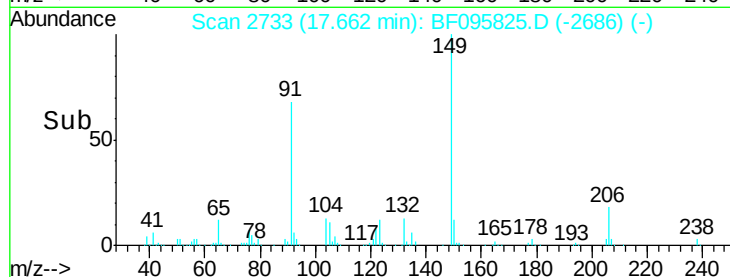
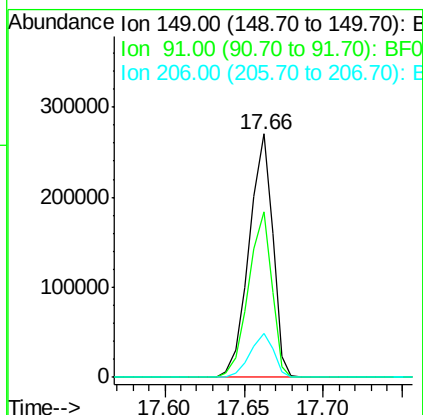
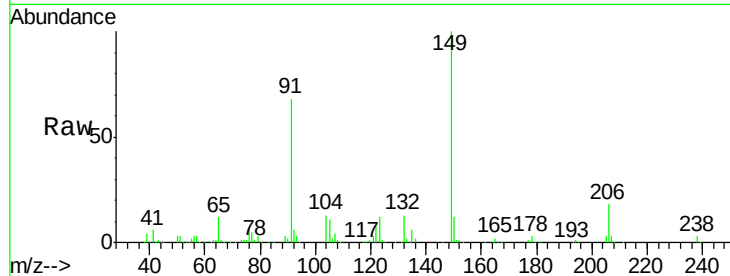




#79
Butylbenzylphthalate
Concen: 52.36 ng
RT: 17.66 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

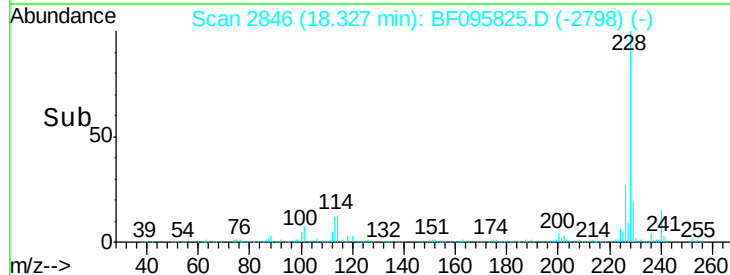
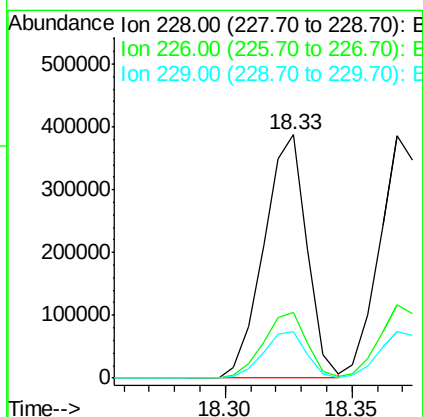
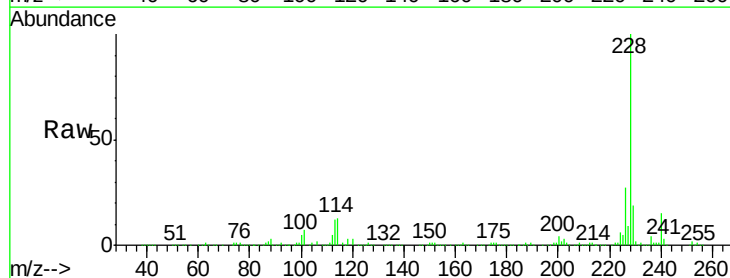
Instrument :
BNA_F
ClientSampleId :
PB99623BS

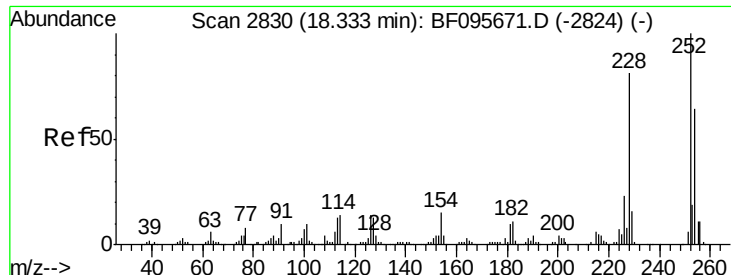
Tgt Ion:149 Resp: 280024
Ion Ratio Lower Upper
149 100
91 68.1 45.0 67.4#
206 18.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 47.98 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion:228 Resp: 457740
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.1 16.3 24.5

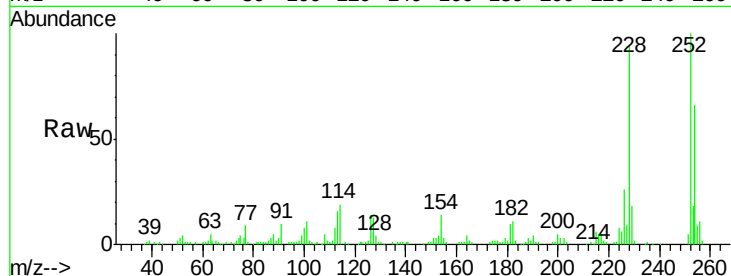




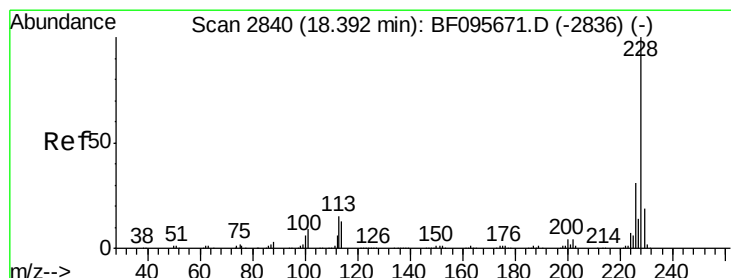
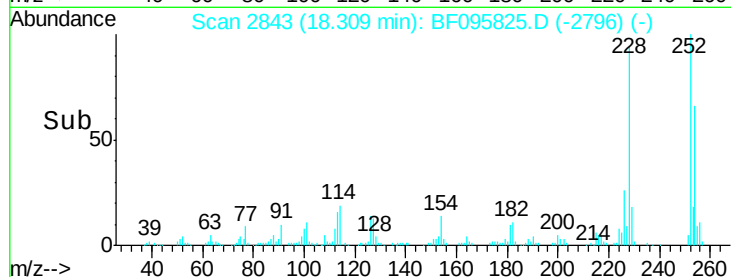
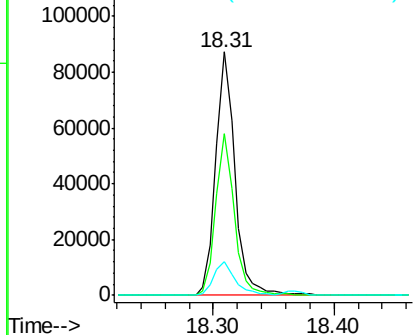
#81
 3,3'-Dichlorobenzidine
 Concen: 28.12 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

Tgt Ion: 252 Resp: 95395
 Ion Ratio Lower Upper
 252 100
 254 66.2 51.5 77.3
 126 13.8 15.8 23.8#

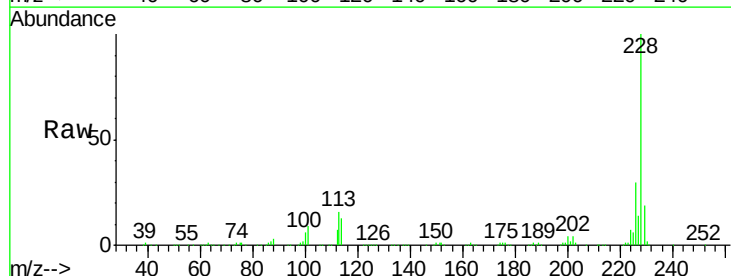


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

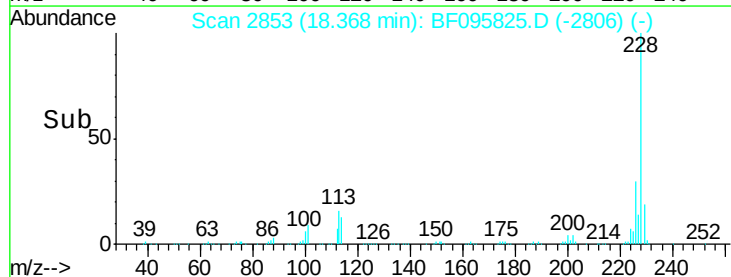
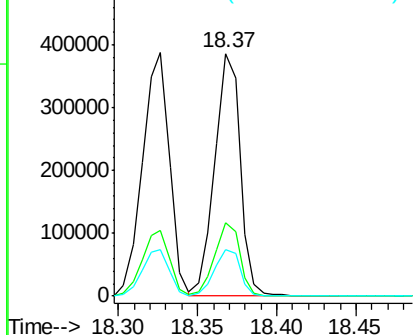


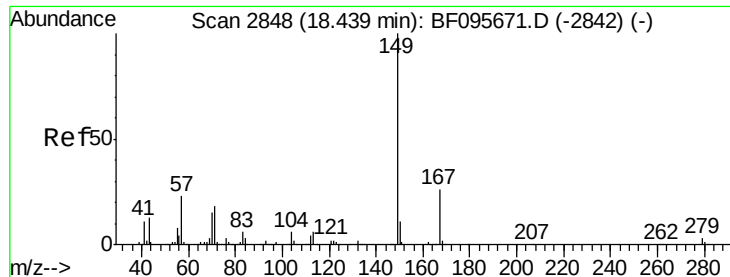
#82
 Chrysene
 Concen: 45.36 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion: 228 Resp: 432544
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 19.3 15.8 23.6



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

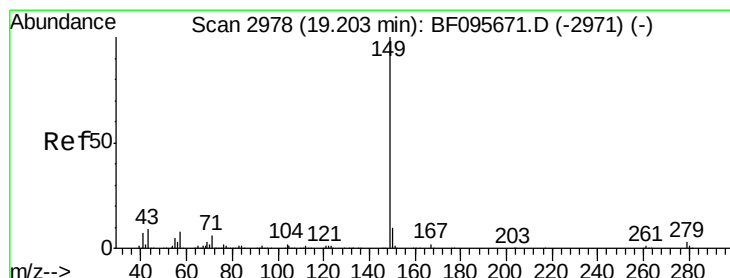
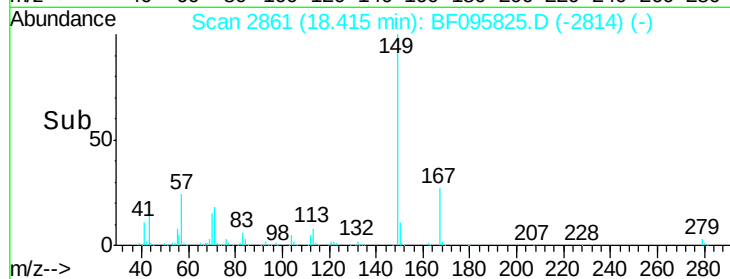
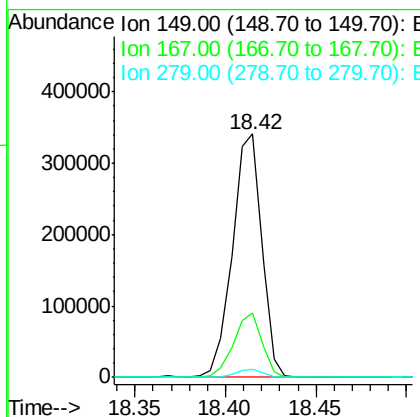
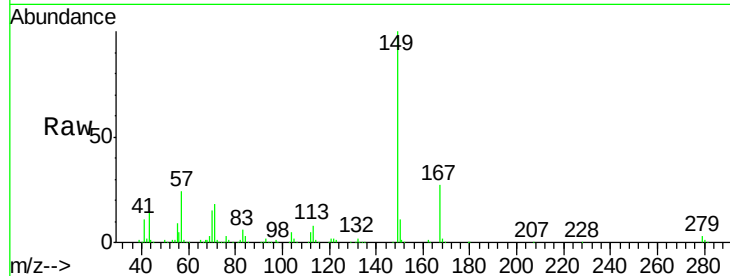




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.80 ng
 RT: 18.42 min Scan# 2861
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

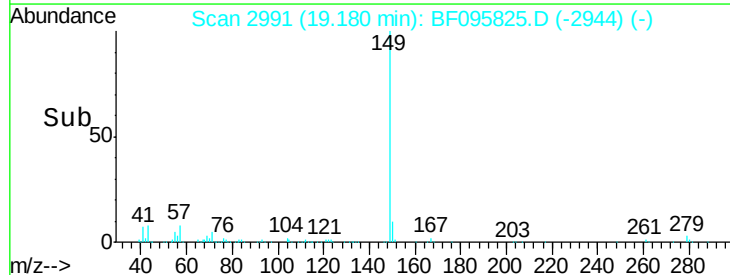
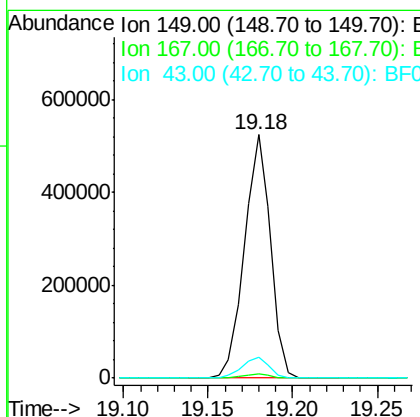
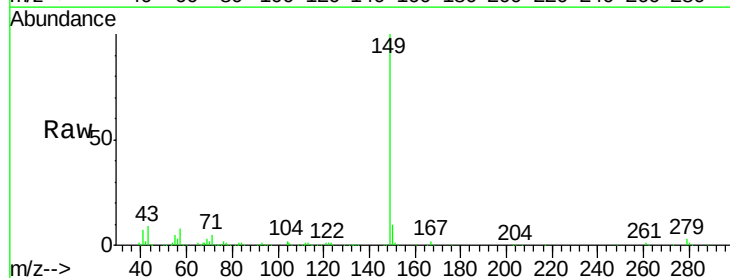
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

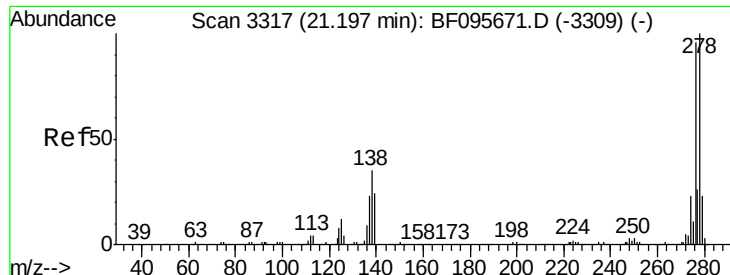
Tgt Ion:149 Resp: 383178
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 45.33 ng
 RT: 19.18 min Scan# 2991
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion:149 Resp: 563507
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 8.7 8.5 12.7

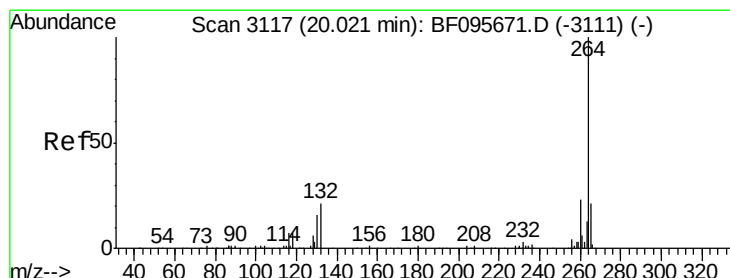
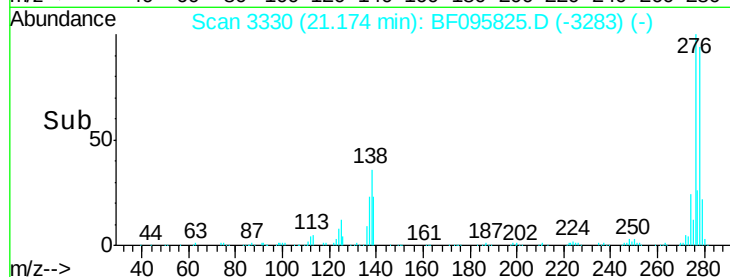
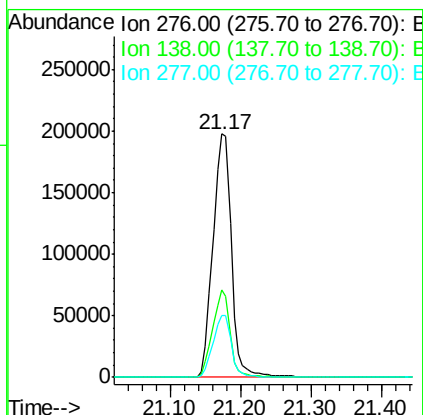
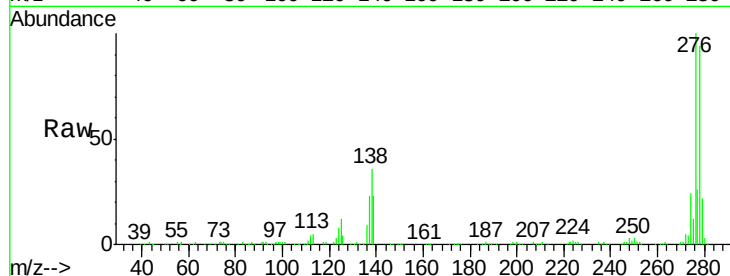




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.99 ng
 RT: 21.17 min Scan# 3330
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

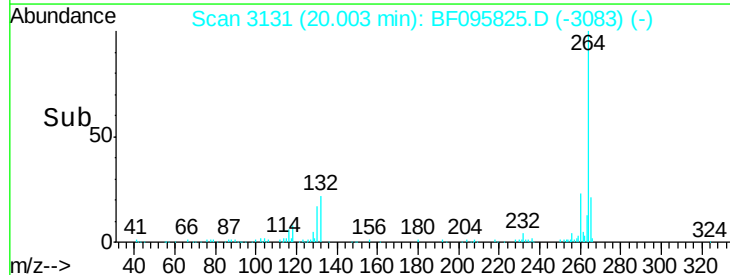
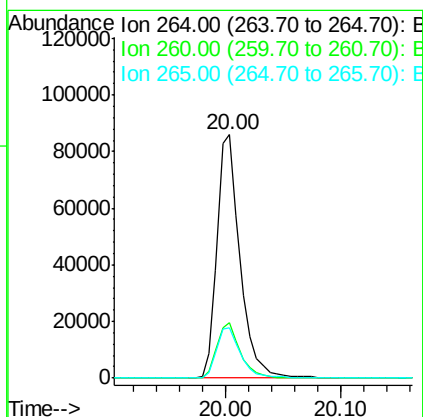
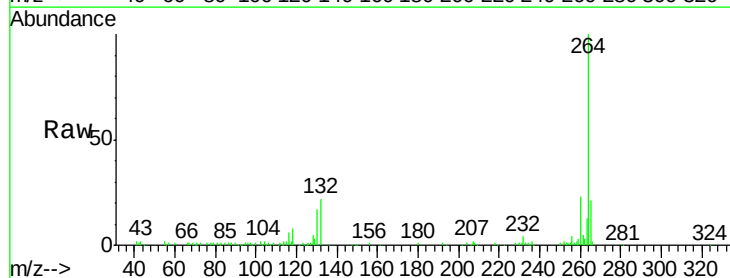
Instrument :
 BNA_F
 ClientSampleId :
 PB99623BS

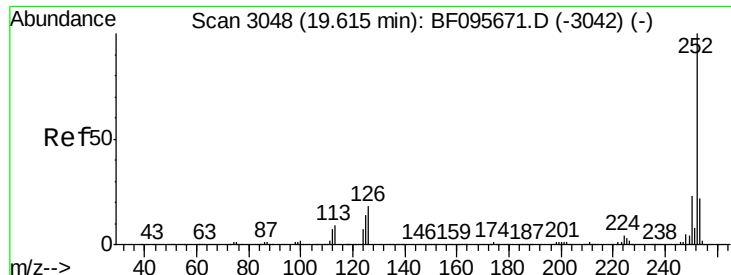
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095825.D
 Acq: 9 Jun 2017 17:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	20.5	17.2	25.8

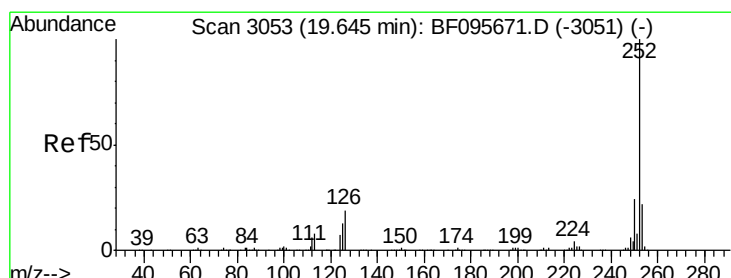
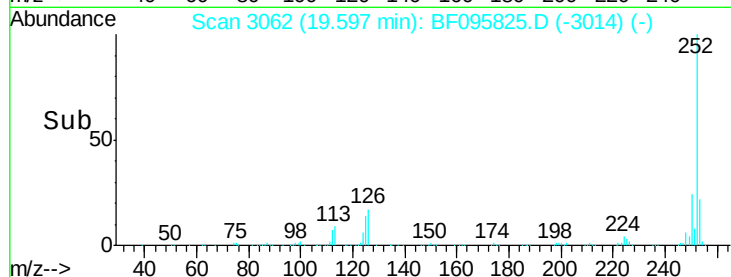
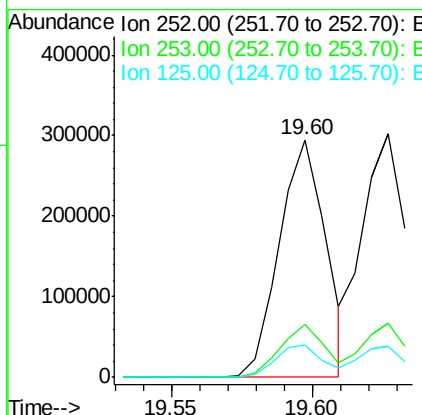
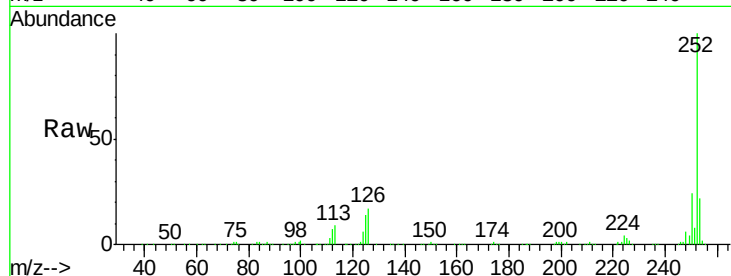




#87
Benzo(b)fluoranthene
Concen: 45.12 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

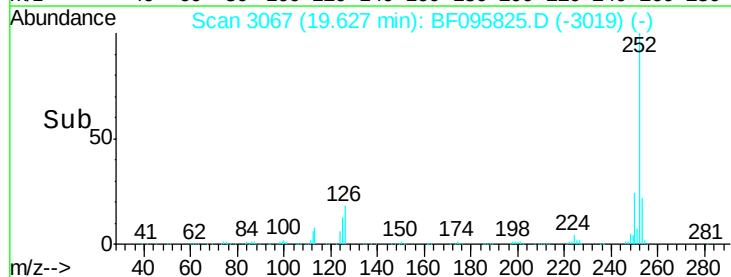
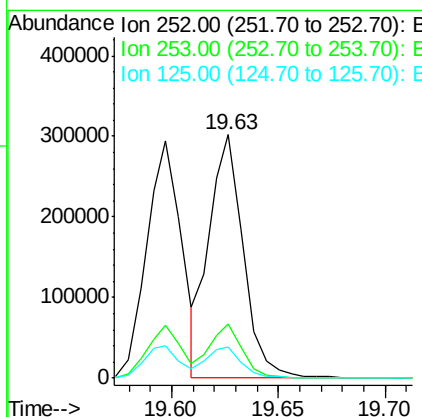
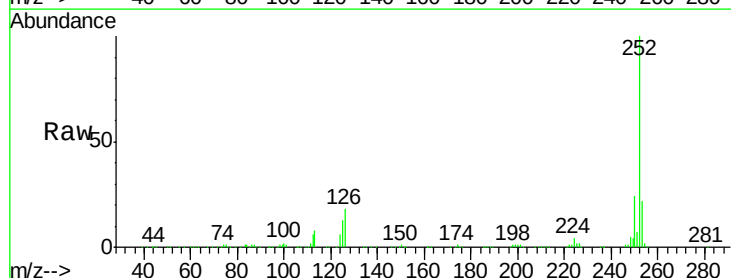
Instrument :
BNA_F
ClientSampleId :
PB99623BS

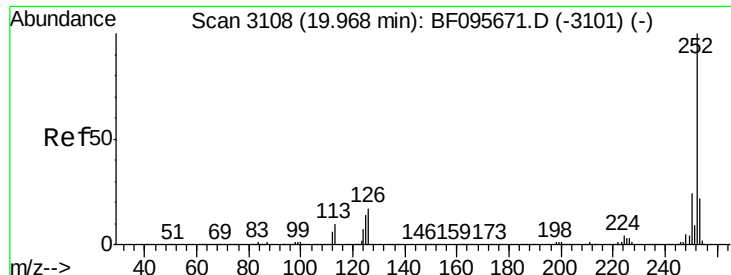
Tgt Ion:252 Resp: 336210
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 13.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 47.84 ng m
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion:252 Resp: 340724
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 12.6 13.1 19.7#

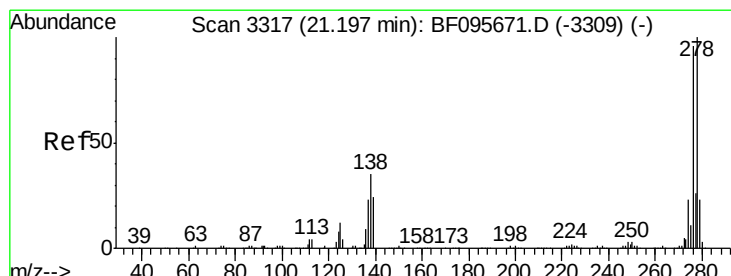
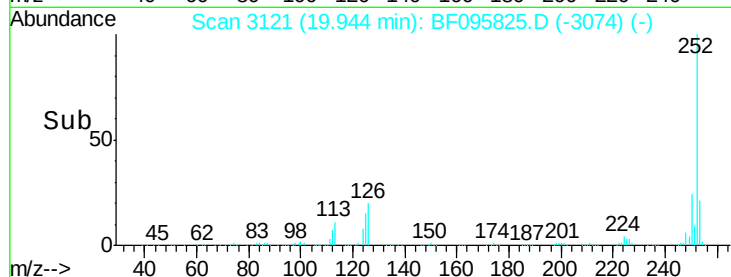
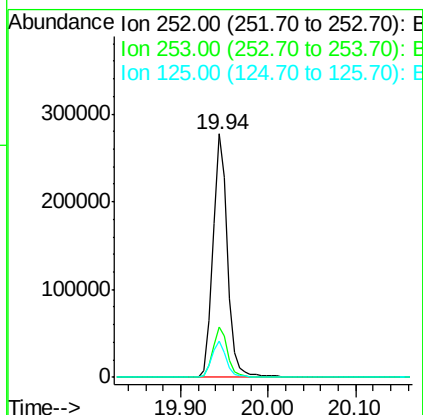
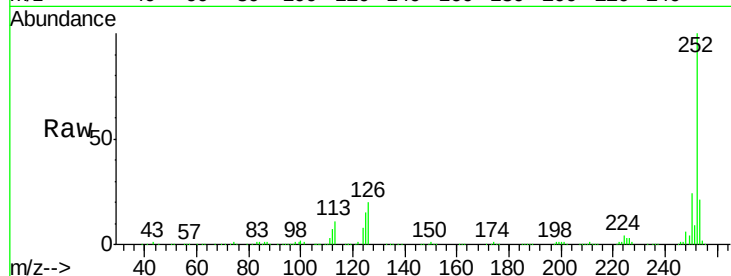




#89
Benzo(a)pyrene
Concen: 46.78 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

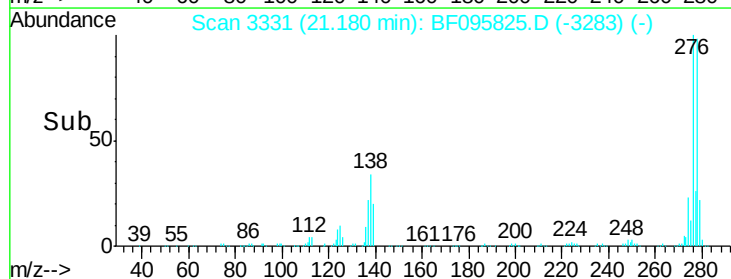
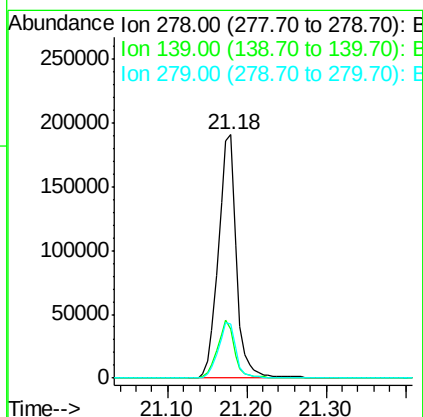
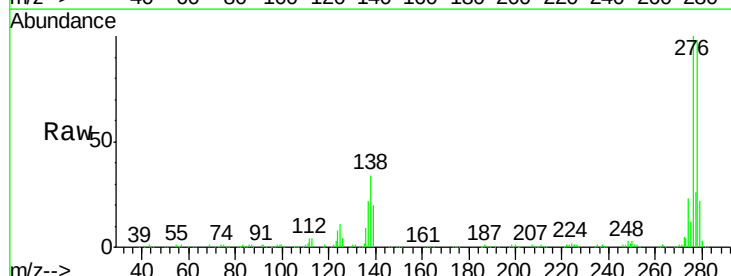
Instrument :
BNA_F
ClientSampleId :
PB99623BS

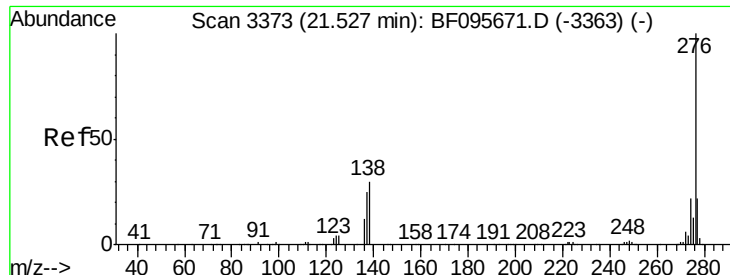
Tgt Ion: 252 Resp: 320403
Ion Ratio Lower Upper
252 100
253 20.6 17.5 26.3
125 14.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 51.61 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095825.D
Acq: 9 Jun 2017 17:11

Tgt Ion: 278 Resp: 299837
Ion Ratio Lower Upper
278 100
139 20.1 16.6 24.8
279 22.1 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 53.64 ng

RT: 21.50 min Scan# 3386

Delta R.T. -0.02 min

Lab File: BF095825.D

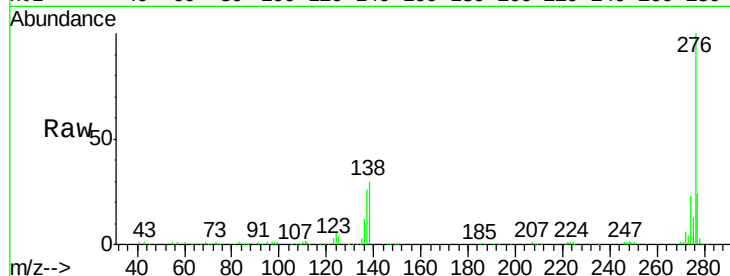
Acq: 9 Jun 2017 17:11

Instrument :

BNA_F

ClientSampleId :

PB99623BS



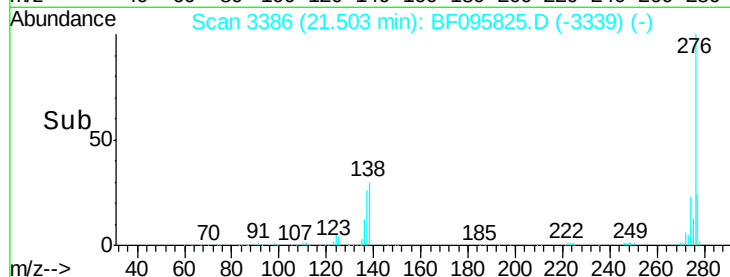
Tgt Ion: 276 Resp: 317684

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 29.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

