

Data File : BF095830.D
Acq On : 9 Jun 2017 19:53
Operator : SJ/MA
Sample : I3566-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

Quant Time: Jun 10 01:25:10 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	61384	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	254164	20.00	ng	-0.04
38) Acenaphthene-d10	12.23	164	116321	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	210047	20.00	ng	-0.03
75) Chrysene-d12	18.34	240	158100	20.00	ng	-0.02
86) Perylene-d12	20.00	264	114103	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	626162	162.54	ng	-0.01
7) Phenol-d6	6.94	99	759401	164.66	ng	-0.02
23) Nitrobenzene-d5	8.29	82	444992	108.73	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	163219	158.59	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	846250	101.24	ng	-0.03
78) Terphenyl-d14	16.99	244	711738	111.72	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.75	88	76636	41.82	ng	93
3) Pyridine	2.30	79	203865	47.33	ng	94
4) n-Nitrosodimethylamine	2.27	42	85418	52.16	ng	81
6) Aniline	6.87	93	250546	41.53	ng	94
8) 2-Chlorophenol	7.05	128	226045	55.19	ng	96
9) Benzaldehyde	6.68	77	86854	27.92	ng	97
10) Phenol	6.96	94	284691	59.51	ng	87
11) bis(2-Chloroethyl)ether	7.02	93	196456	51.84	ng	97
12) 1,3-Dichlorobenzene	7.27	146	233886	50.45	ng	99
13) 1,4-Dichlorobenzene	7.39	146	240172	51.08	ng	96
14) 1,2-Dichlorobenzene	7.63	146	228791	52.79	ng	97
15) Benzyl Alcohol	7.67	79	182803	57.75	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.87	45	279607	52.51	ng	98
17) 2-Methylphenol	7.90	107	189368	55.09	ng	94
18) Hexachloroethane	8.15	117	79881	51.44	ng	# 86
19) n-Nitroso-di-n-propylamine	8.10	70	155993	53.37	ng	92
20) 3+4-Methylphenols	8.16	107	244353	56.00	ng	# 58
22) Acetophenone	8.06	105	317221	53.32	ng	# 84
24) Nitrobenzene	8.32	77	222833	50.97	ng	93
25) Isophorone	8.72	82	396239	51.85	ng	96
26) 2-Nitrophenol	8.83	139	125819	54.96	ng	99
27) 2,4-Dimethylphenol	8.98	122	193303	54.41	ng	97
28) bis(2-Chloroethoxy)methane	9.10	93	257916	51.20	ng	99
29) 2,4-Dichlorophenol	9.25	162	189405	55.36	ng	99
30) 1,2,4-Trichlorobenzene	9.33	180	182868	51.36	ng	99
31) Naphthalene	9.43	128	643609	50.46	ng	99
32) Benzoic acid	9.33	122	3934	6.70	ng	# 46
33) 4-Chloroaniline	9.59	127	184064	36.92	ng	# 90
34) Hexachlorobutadiene	9.66	225	91449	49.71	ng	97
35) Caprolactam	10.22	113	30169	29.63	ng	88
36) 4-Chloro-3-methylphenol	10.46	107	196347	54.82	ng	88
37) 2-Methylnaphthalene	10.56	142	441250	51.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	171658	49.31	ng	99
40) Hexachlorocyclopentadiene	10.82	237	89865	82.02	ng	100

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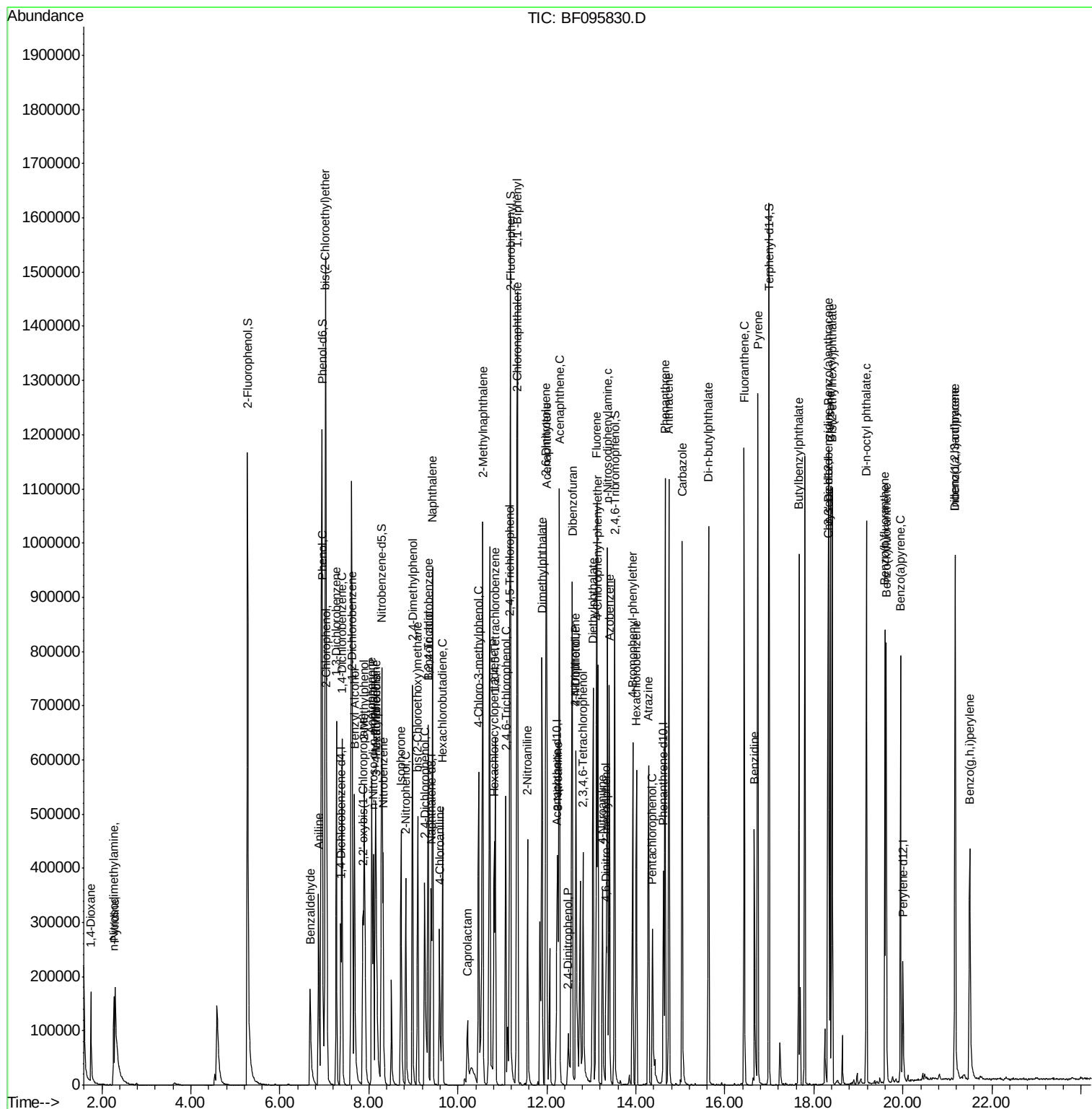
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	117233	52.38	ng	98
43) 2,4,5-Trichlorophenol	11.16	196	120729	50.71	ng #	93
45) 1,1'-Biphenyl	11.33	154	489920	51.10	ng	98
46) 2-Chloronaphthalene	11.34	162	383845	51.24	ng	96
47) 2-Nitroaniline	11.57	65	115668	52.77	ng #	77
48) Acenaphthylene	12.00	152	610624	47.67	ng	99
49) Dimethylphthalate	11.89	163	559055	63.30	ng	99
50) 2,6-Dinitrotoluene	11.99	165	97930	50.84	ng #	81
51) Acenaphthene	12.28	154	361820	48.91	ng	99
52) 3-Nitroaniline	12.24	138	92767	41.33	ng	92
53) 2,4-Dinitrophenol	12.47	184	40633	40.71	ng #	65
54) Dibenzofuran	12.57	168	559923	53.78	ng	97
55) 4-Nitrophenol	12.64	139	126395	95.50	ng #	75
56) 2,4-Dinitrotoluene	12.65	165	141747	54.48	ng #	83
57) Fluorene	13.12	166	450015	49.67	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	92776	56.95	ng #	92
59) Diethylphthalate	13.04	149	441171	51.90	ng	98
60) 4-Chlorophenyl-phenylether	13.14	204	195447	49.60	ng	92
61) 4-Nitroaniline	13.25	138	111681	53.29	ng	96
62) Azobenzene	13.40	77	409906	53.21	ng	95
64) 4,6-Dinitro-2-methylphenol	13.33	198	57291	41.50	ng #	68
65) n-Nitrosodiphenylamine	13.36	169	389164	51.56	ng	99
66) 4-Bromophenyl-phenylether	13.93	248	111421	51.04	ng	99
67) Hexachlorobenzene	14.02	284	111682	51.92	ng #	91
68) Atrazine	14.29	200	112184	53.41	ng	97
69) Pentachlorophenol	14.37	266	70346	85.73	ng	97
70) Phenanthrene	14.66	178	629452	51.94	ng	98
71) Anthracene	14.74	178	652155	51.54	ng	98
72) Carbazole	15.04	167	619076	50.21	ng	97
73) Di-n-butylphthalate	15.63	149	695298	53.00	ng	98
74) Fluoranthene	16.44	202	637153	53.12	ng	98
76) Benzidine	16.66	184	278540	45.87	ng #	92
77) Pyrene	16.74	202	647671	54.90	ng	99
79) Butylbenzylphthalate	17.66	149	293574	56.98	ng #	87
80) Benzo(a)anthracene	18.33	228	482723	52.52	ng	98
81) 3,3'-Dichlorobenzidine	18.31	252	126536	38.72	ng #	96
82) Chrysene	18.37	228	465335	50.66	ng	99
83) Bis(2-ethylhexyl)phthalate	18.41	149	398919	54.89	ng #	100
84) Di-n-octyl phthalate	19.18	149	609774	50.92	ng	96
85) Indeno(1,2,3-cd)pyrene	21.17	276	372103	47.34	ng	99
87) Benzo(b)fluoranthene	19.60	252	367965	51.50	ng	97
88) Benzo(k)fluoranthene	19.63	252	367019	53.74	ng	96
89) Benzo(a)pyrene	19.94	252	339261	51.66	ng	98
90) Dibenzo(a,h)anthracene	21.17	278	309622	55.58	ng	98
91) Benzo(g,h,i)perylene	21.50	276	325999	57.40	ng	96

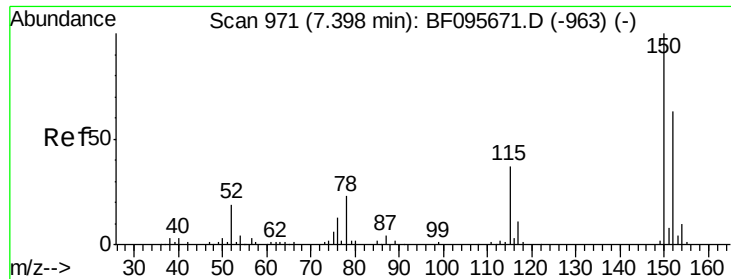
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.37 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF095830.D

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BNA_F

ClientSampleId :

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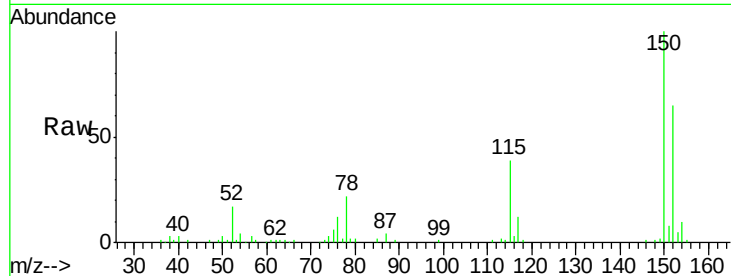
Tgt Ion:152 Resp: 61384

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

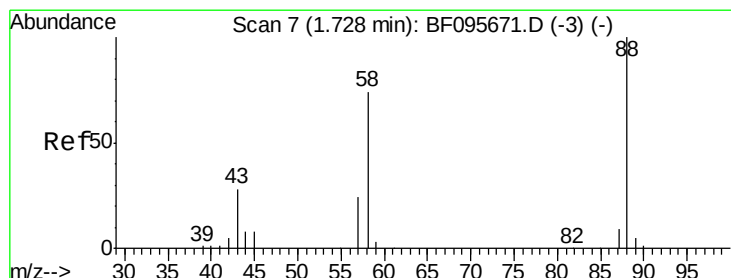
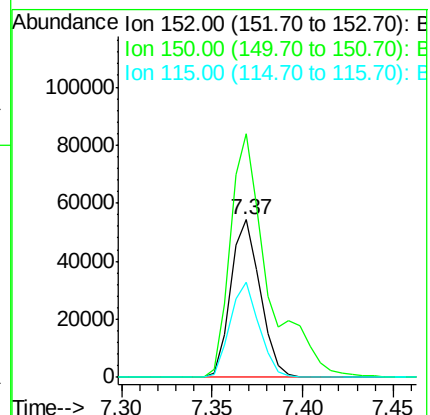
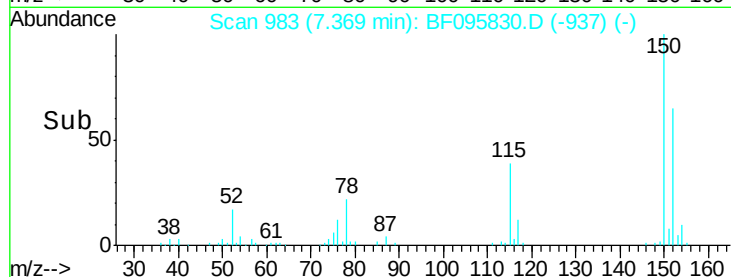
115 60.3 52.2 78.2



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: 41.82 ng

RT: 1.75 min Scan# 28

Delta R.T. 0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

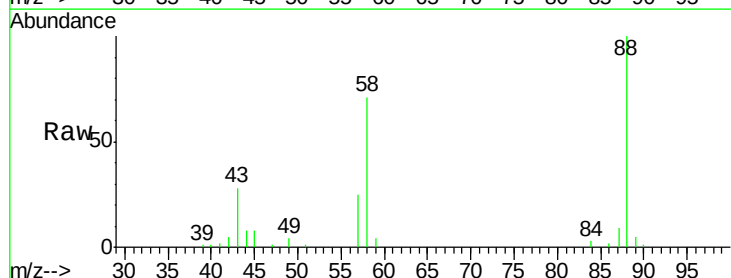
Tgt Ion: 88 Resp: 76636

Ion Ratio Lower Upper

88 100

58 71.2 61.4 92.0

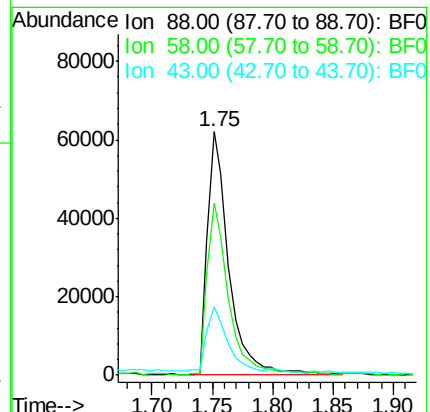
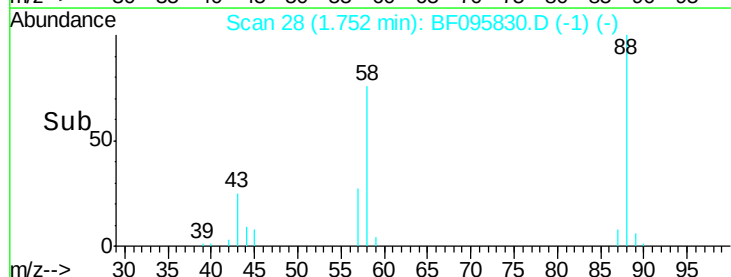
43 25.0 23.4 35.0

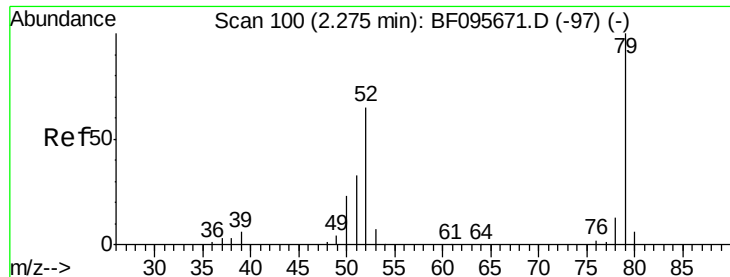


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

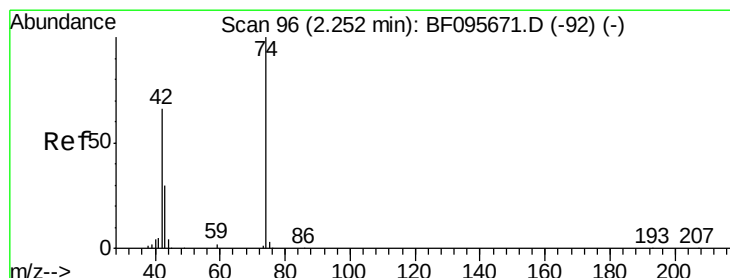
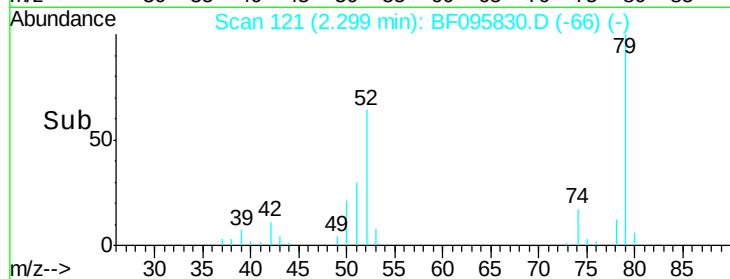
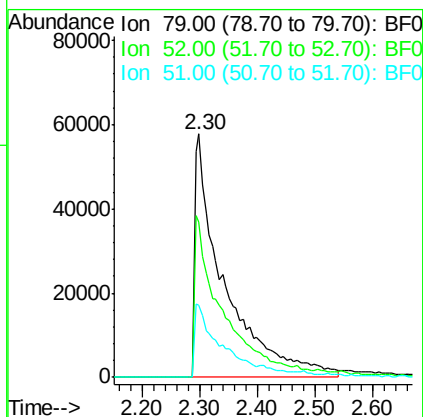
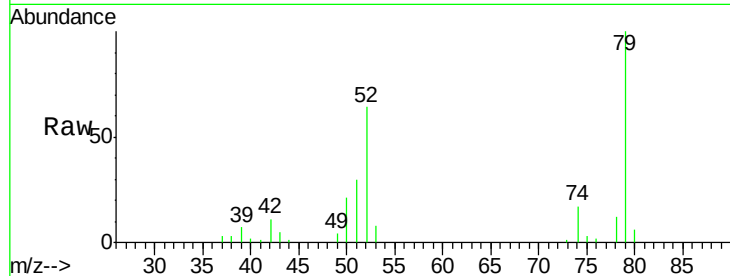




#3
 Pyridine
 Concen: 47.33 ng
 RT: 2.30 min Scan# 121
 Delta R.T. 0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

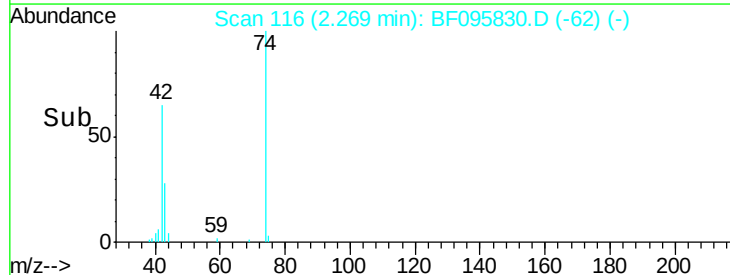
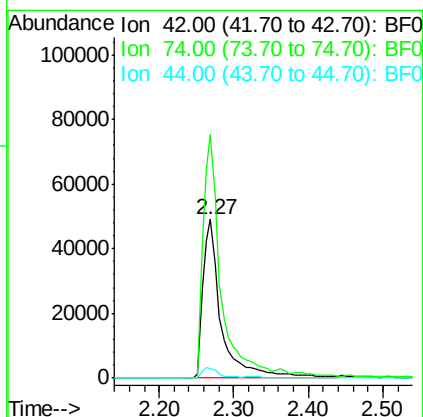
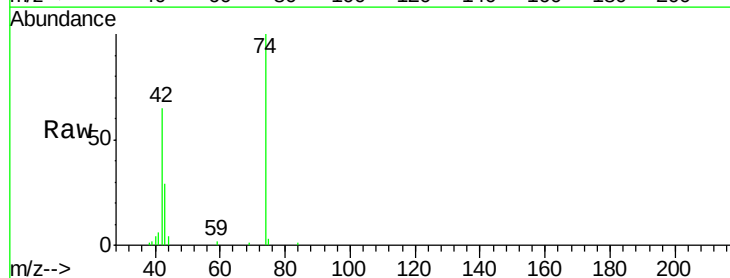
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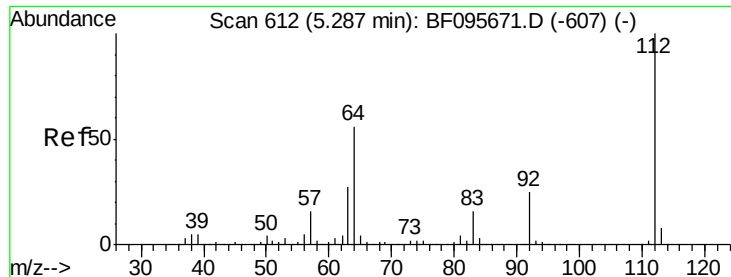
Tgt Ion: 79 Resp: 203865
 Ion Ratio Lower Upper
 79 100
 52 63.6 54.8 82.2
 51 29.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 52.16 ng
 RT: 2.27 min Scan# 116
 Delta R.T. 0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion: 42 Resp: 85418
 Ion Ratio Lower Upper
 42 100
 74 153.2 103.9 155.9
 44 6.2 5.7 8.5





#5

2-Fluorophenol

Concen: 162.54 ng

RT: 5.27 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

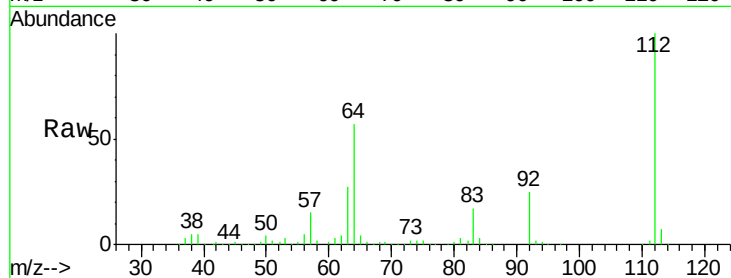
Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

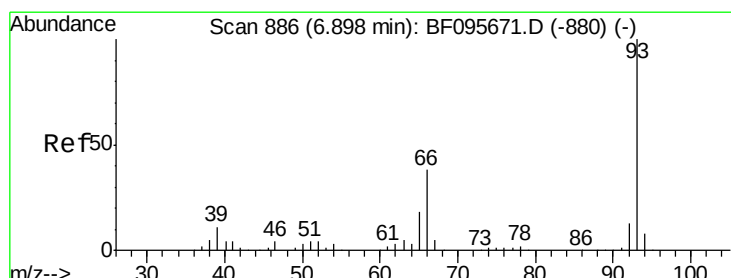
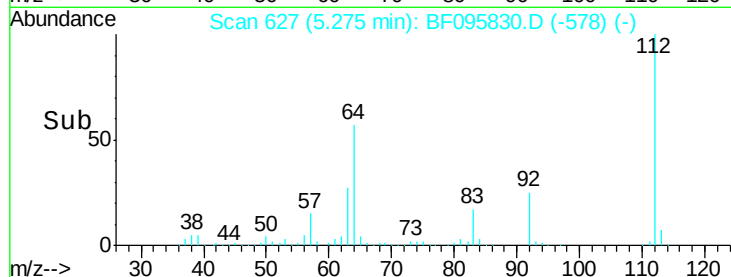
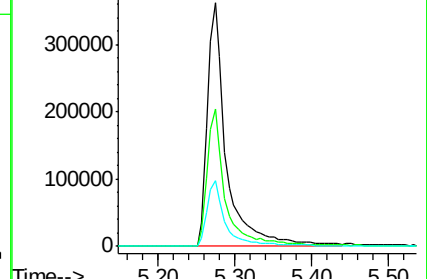
Tgt Ion:	112	Resp:	626162
Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.0	69.0
63	27.2	23.4	35.0



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: 41.53 ng

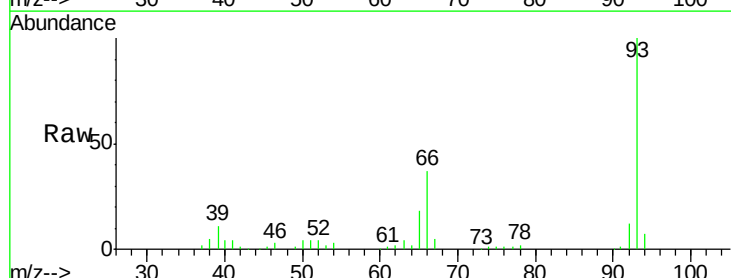
RT: 6.87 min Scan# 898

Delta R.T. -0.03 min

Lab File: BF095830.D

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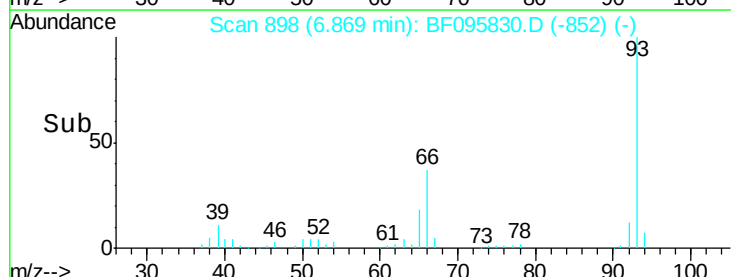
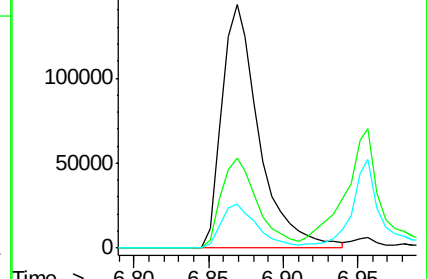
Tgt Ion:	93	Resp:	250546
Ion	Ratio	Lower	Upper
93	100		
66	36.9	32.9	49.3
65	18.0	16.0	24.0

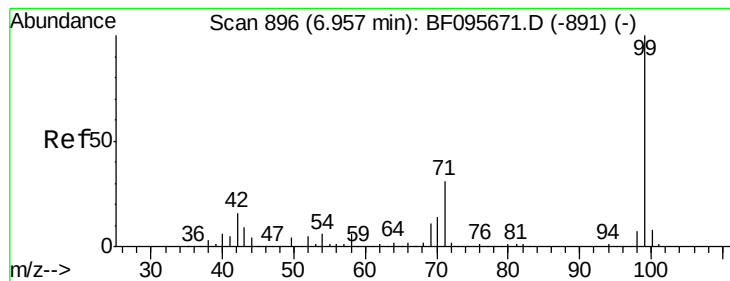


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 164.66 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

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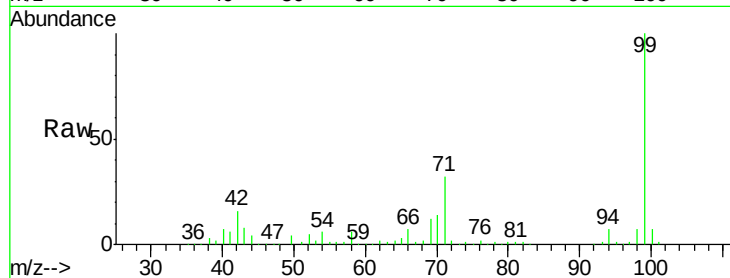
Tgt Ion: 99 Resp: 759401

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 32.0 24.5 36.7

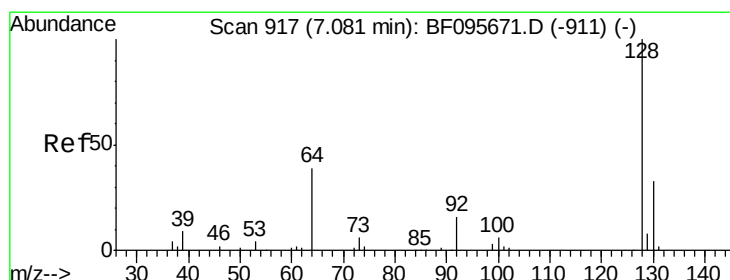
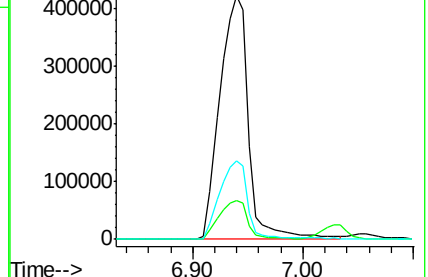
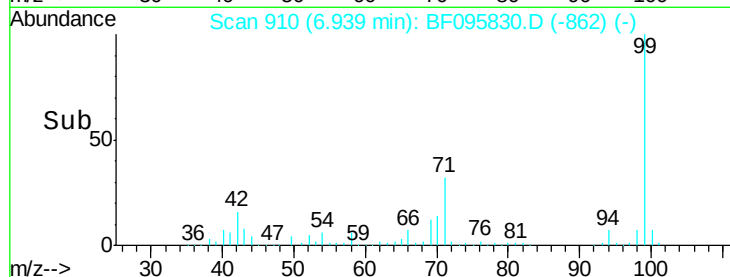


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.94



#8

2-Chlorophenol

Concen: 55.19 ng

RT: 7.05 min Scan# 929

Delta R.T. -0.03 min

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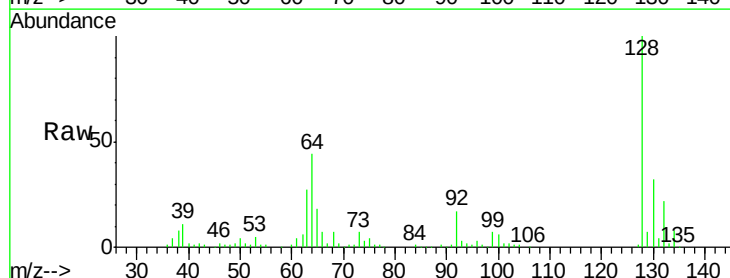
Tgt Ion: 128 Resp: 226045

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

64 44.5 28.4 68.4

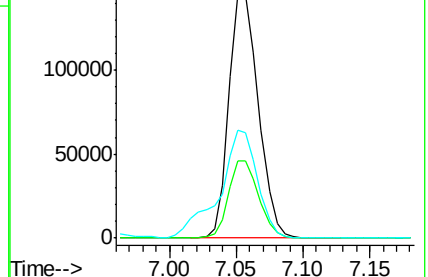
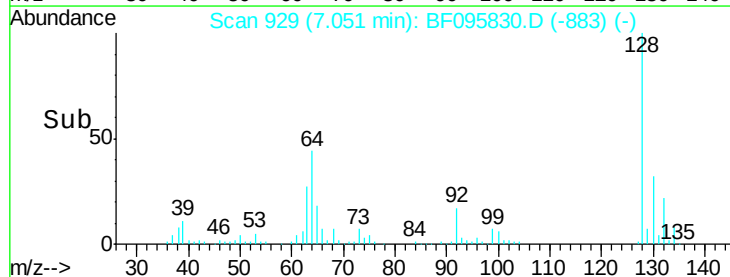


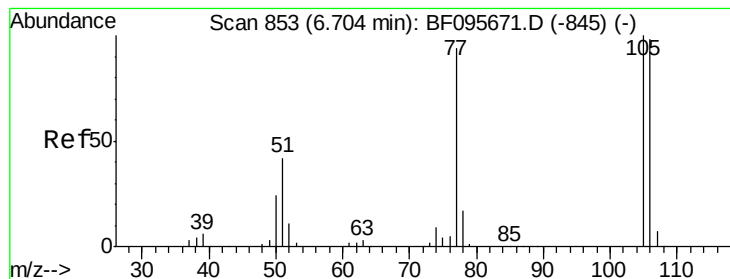
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

7.05





#9

Benzaldehyde

Concen: 27.92 ng

RT: 6.68 min Scan# 866

Delta R.T. -0.02 min

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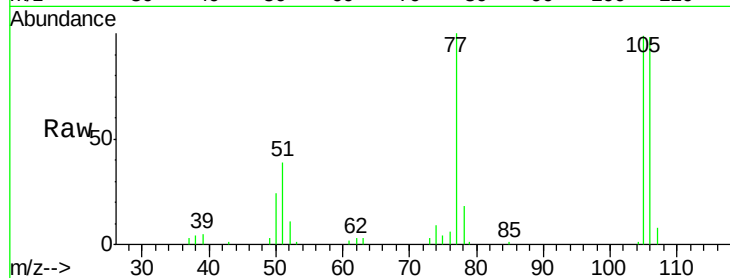
Tgt Ion: 77 Resp: 86854

Ion Ratio Lower Upper

77 100

105 99.4 83.8 123.8

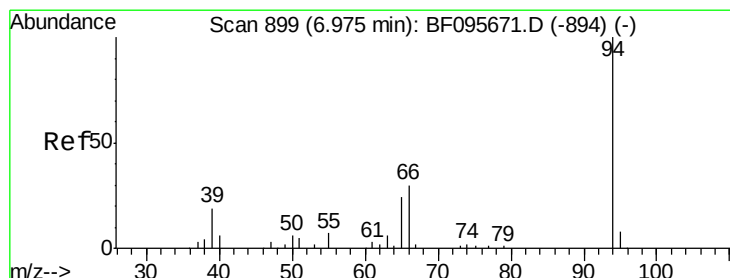
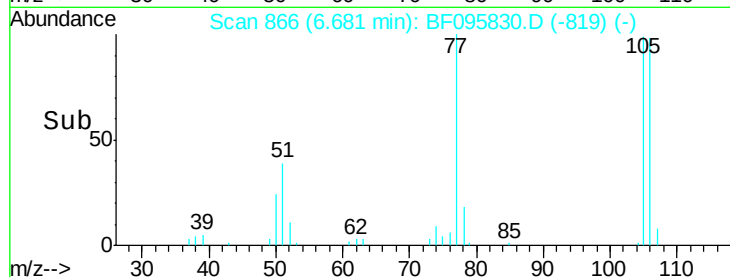
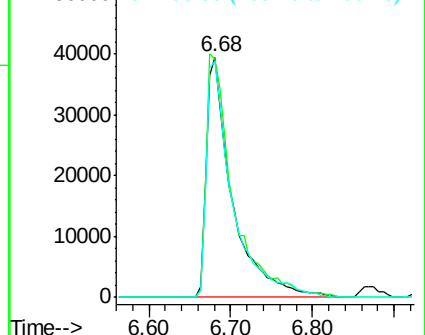
106 98.4 79.1 119.1



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: 59.51 ng

RT: 6.96 min Scan# 913

Delta R.T. -0.02 min

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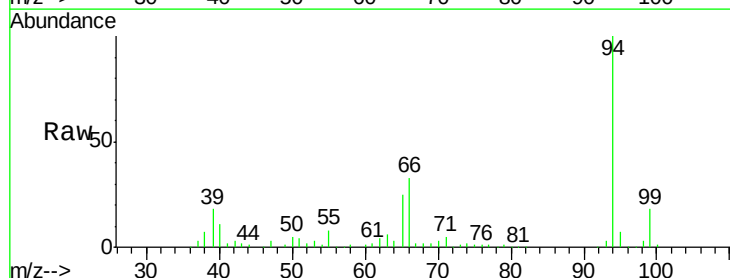
Tgt Ion: 94 Resp: 284691

Ion Ratio Lower Upper

94 100

65 24.7 9.9 49.9

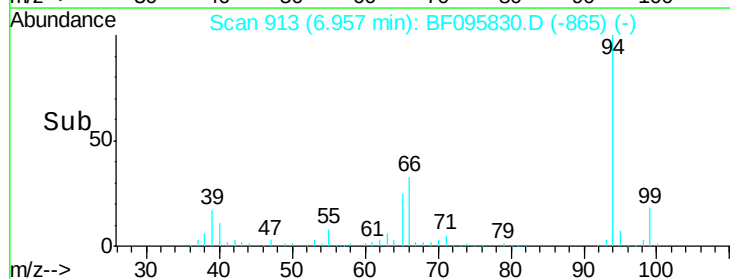
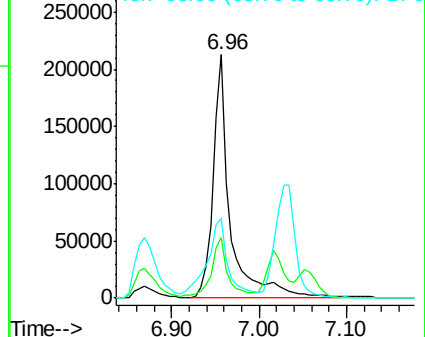
66 32.9 23.1 63.1

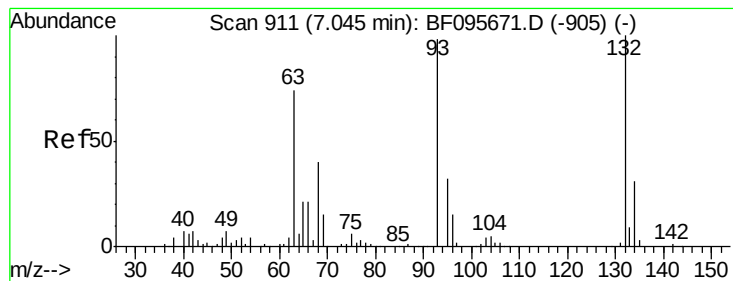


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 51.84 ng

RT: 7.02 min Scan# 923

Delta R.T. -0.03 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

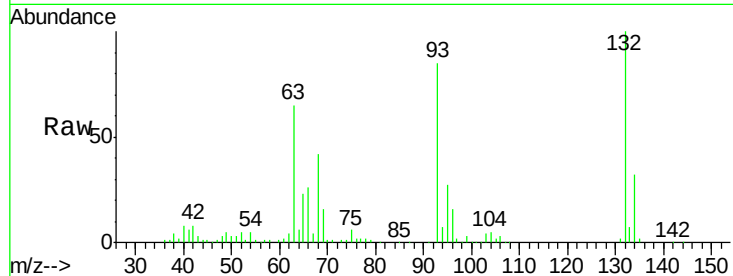
Tgt Ion: 93 Resp: 196456

Ion Ratio Lower Upper

93 100

63 76.1 59.2 99.2

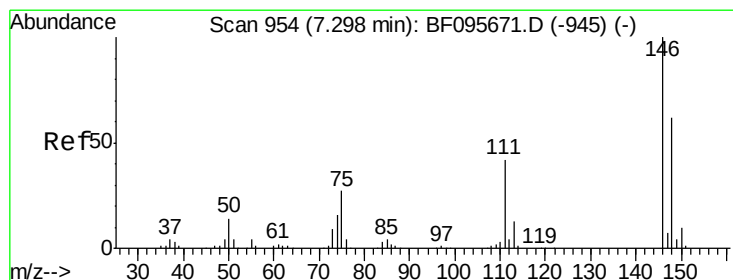
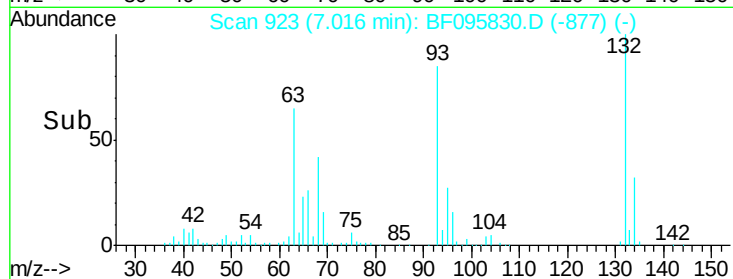
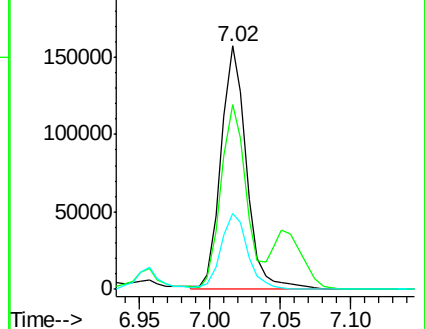
95 31.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 50.45 ng

RT: 7.27 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

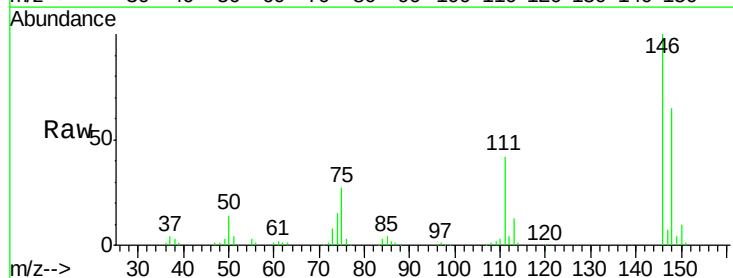
Tgt Ion: 146 Resp: 233886

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

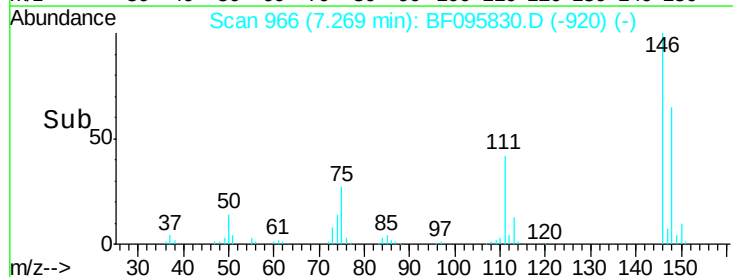
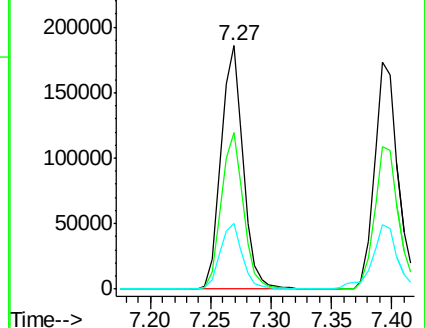
75 27.0 23.1 34.7

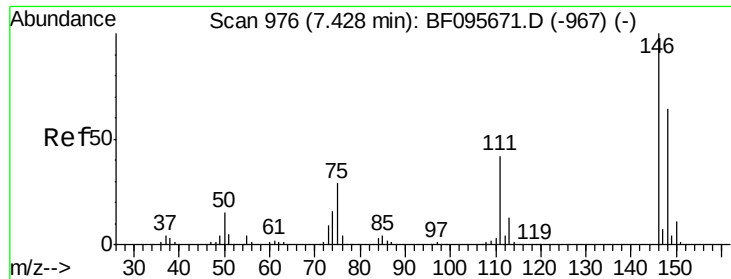


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

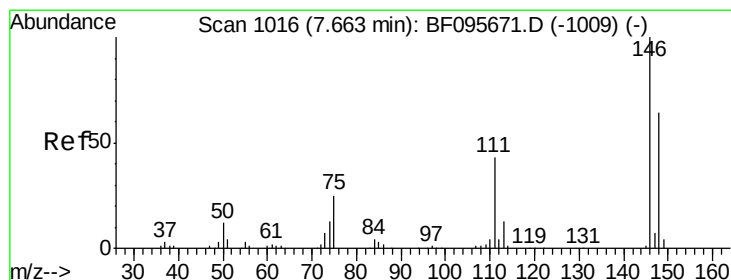
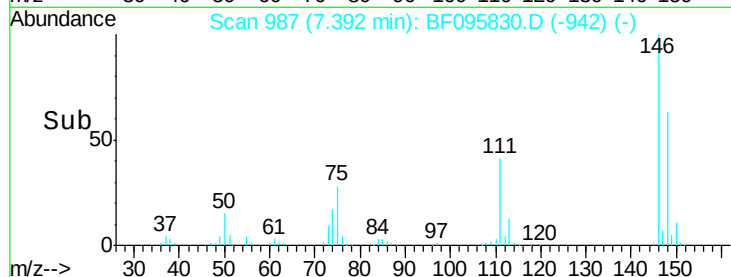
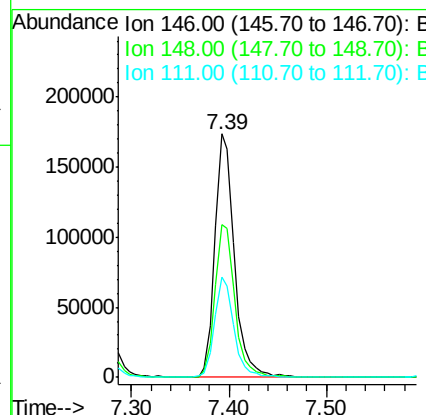
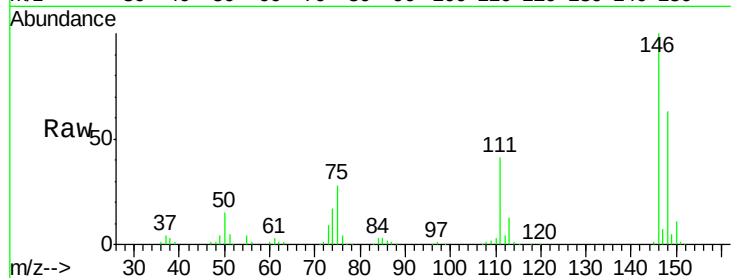




#13
 1,4-Dichlorobenzene
 Concen: 51.08 ng
 RT: 7.39 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

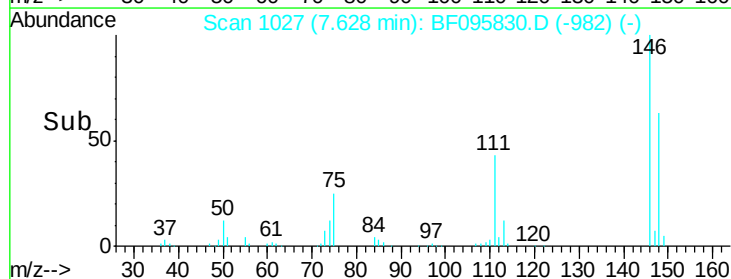
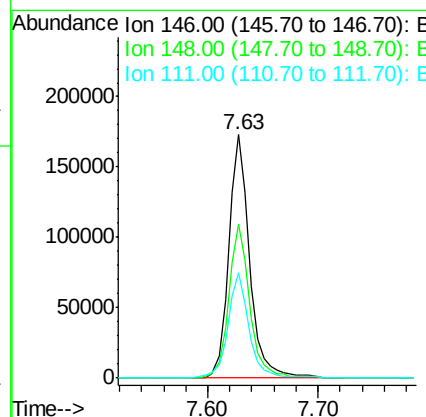
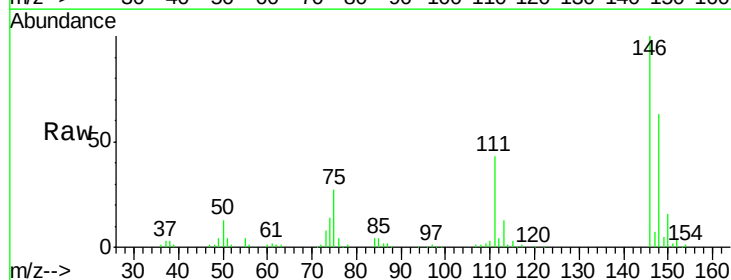
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

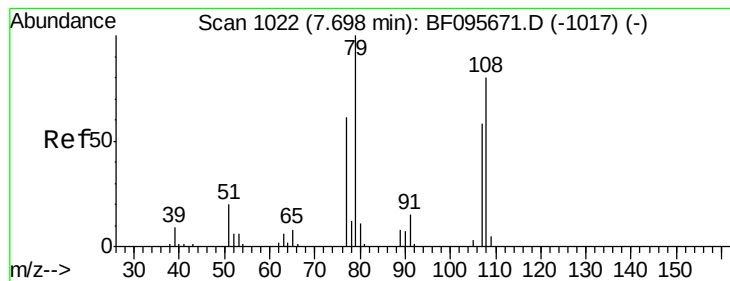
Tgt Ion:146 Resp: 240172
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 41.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 52.79 ng
 RT: 7.63 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion:146 Resp: 228791
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 43.1 38.2 57.4





#15

Benzyl Alcohol

Concen: 57.75 ng

RT: 7.67 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

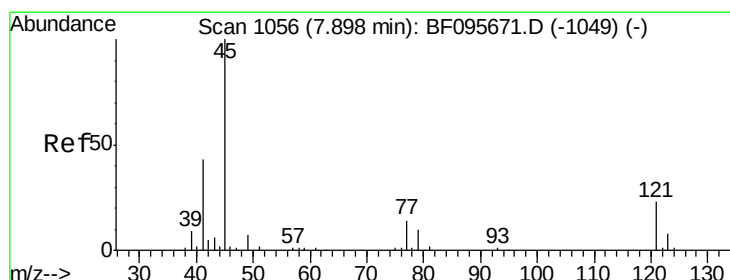
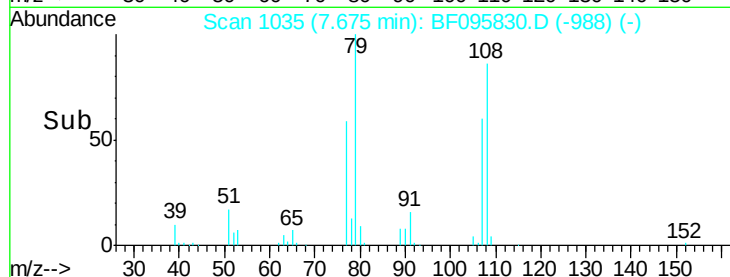
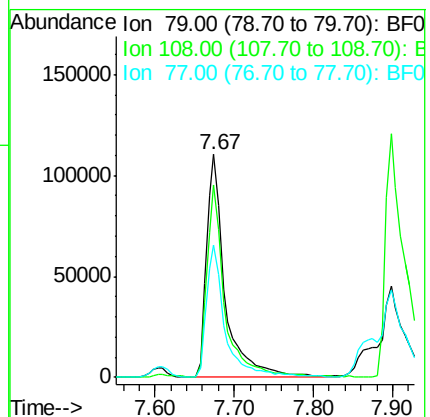
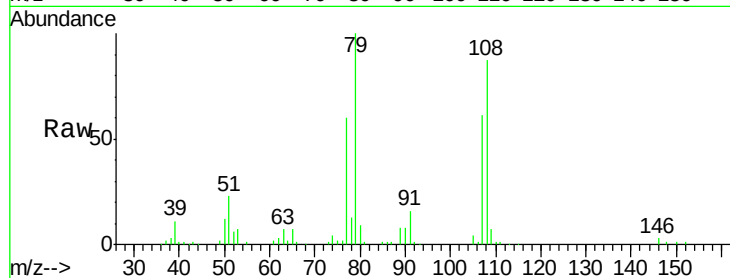
Tgt Ion: 79 Resp: 182803

Ion Ratio Lower Upper

79 100

108 86.6 63.4 95.0

77 59.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.51 ng

RT: 7.87 min Scan# 1068

Delta R.T. -0.03 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

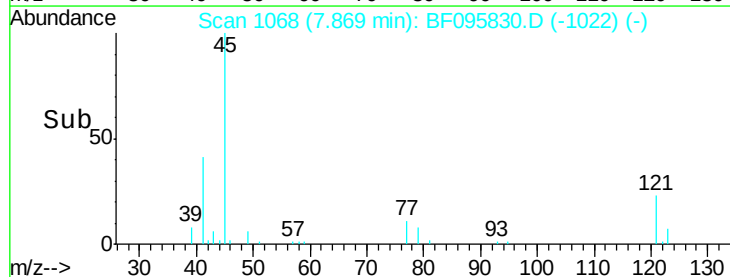
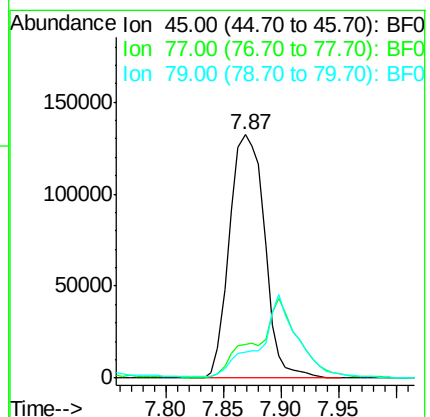
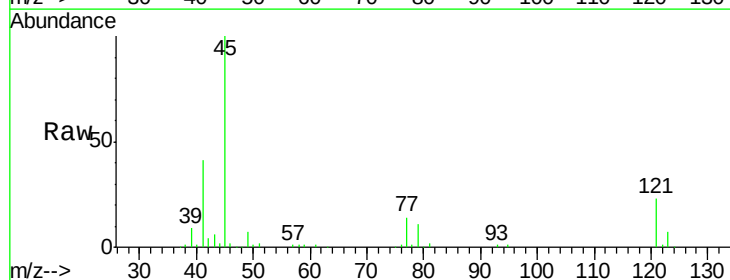
Tgt Ion: 45 Resp: 279607

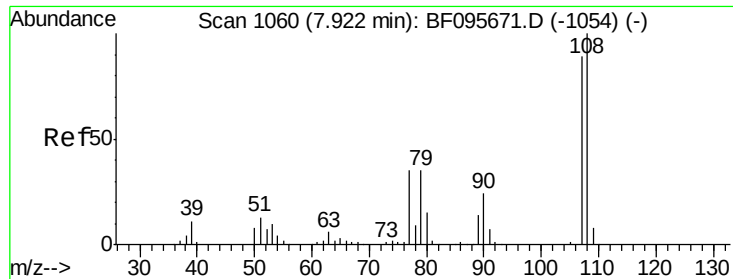
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.2

79 10.7 0.0 30.0

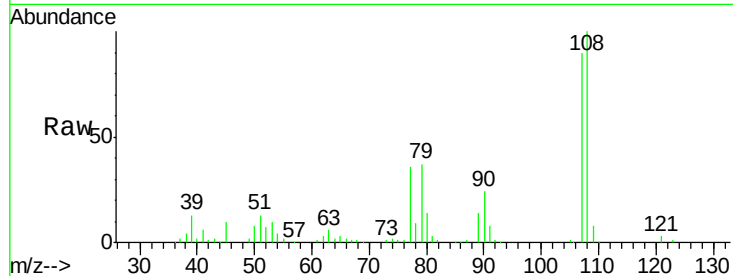




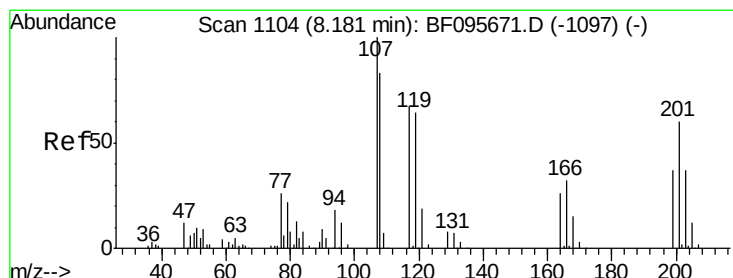
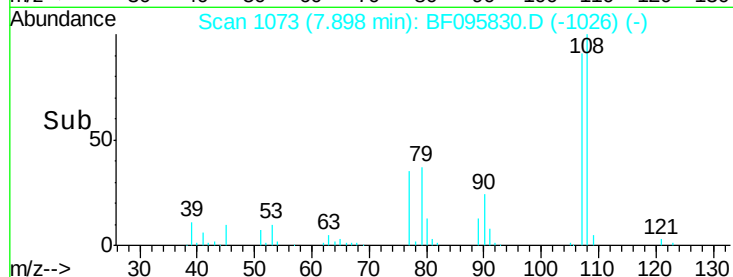
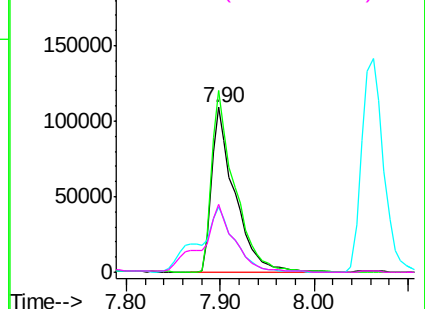
#17
2-Methylphenol
Concen: 55.09 ng
RT: 7.90 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

Tgt Ion:107 Resp: 189368
Ion Ratio Lower Upper
107 100
108 110.5 93.4 140.0
77 39.6 35.8 53.6
79 41.4 34.8 52.2

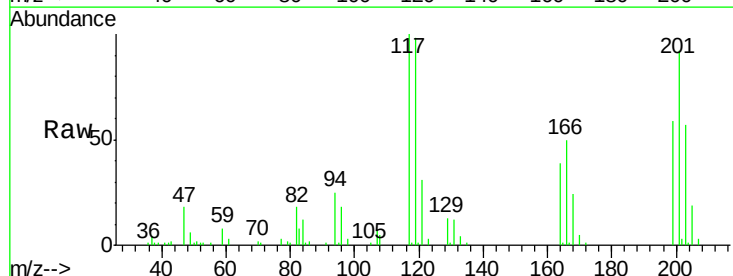


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

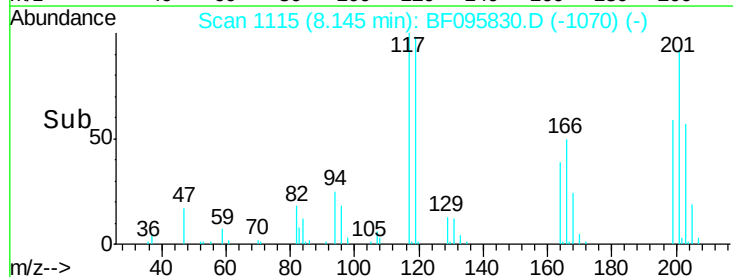
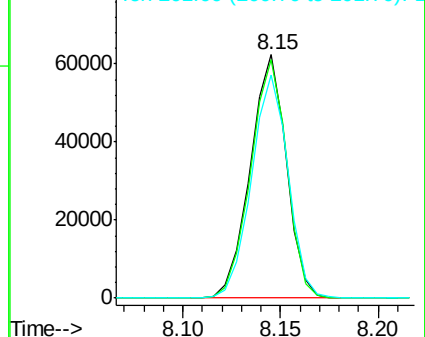


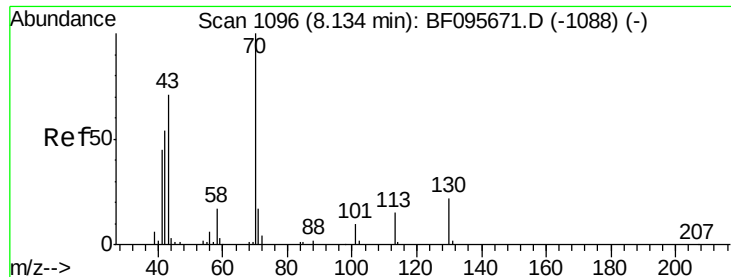
#18
Hexachloroethane
Concen: 51.44 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion:117 Resp: 79881
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0
201 91.6 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

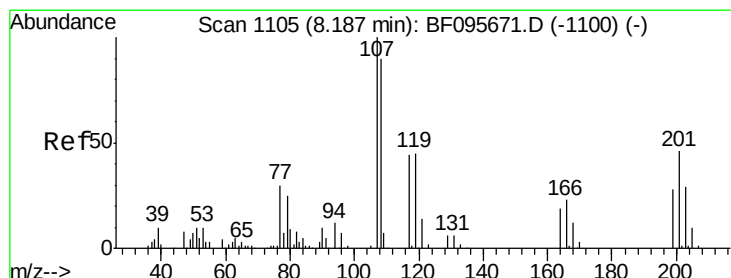
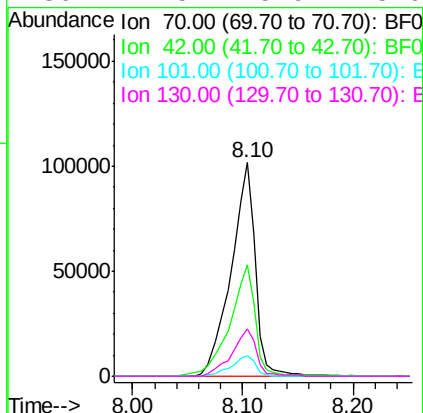
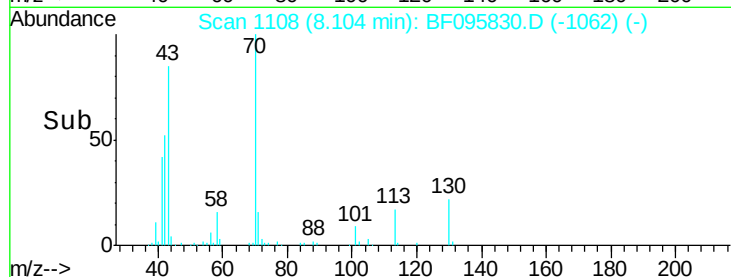
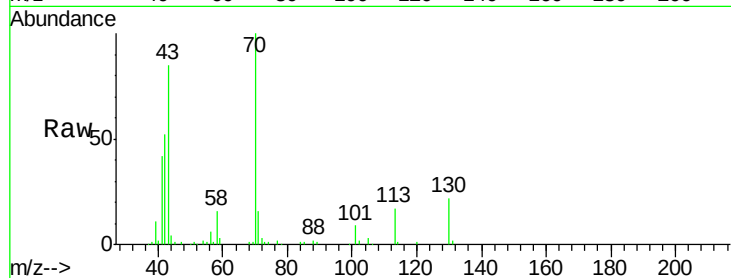




#19
n-Nitroso-di-n-propylamine
Concen: 53.37 ng
RT: 8.10 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

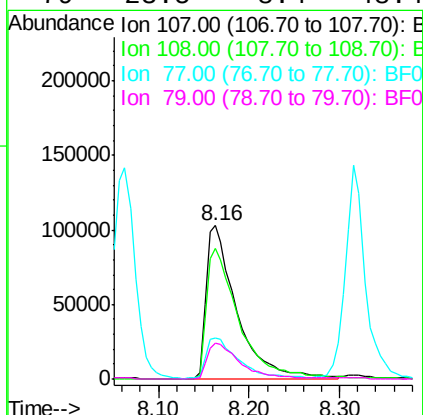
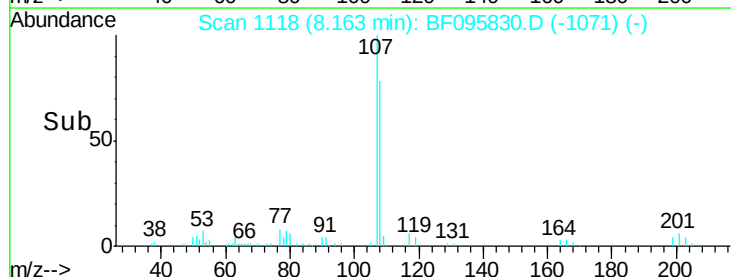
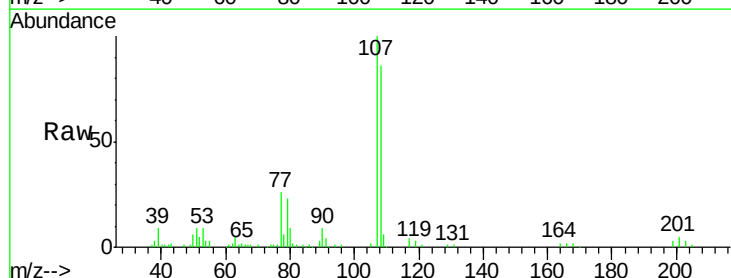
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

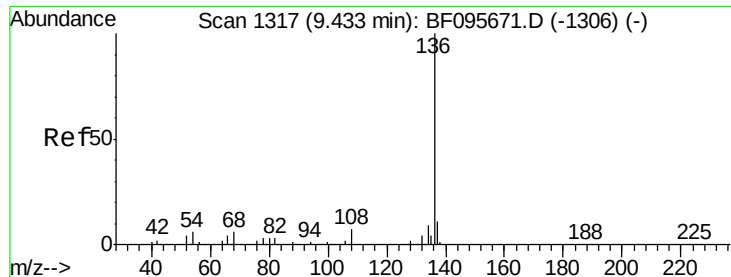
Tgt Ion:	70	Resp:	155993
Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.2	70.8
101	9.3	7.2	10.8
130	22.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 56.00 ng
RT: 8.16 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion:	107	Resp:	244353
Ion	Ratio	Lower	Upper
107	100		
108	85.6	71.0	111.0
77	26.4	90.5	130.5#
79	23.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

Tgt Ion:136 Resp: 254164

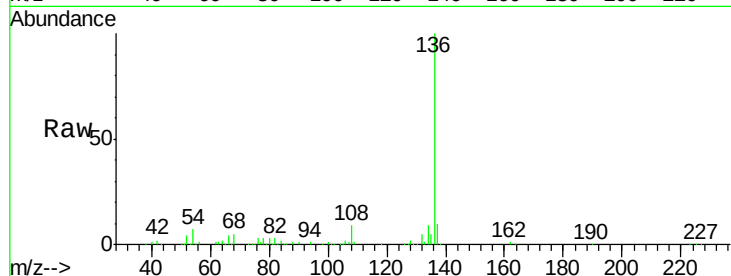
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

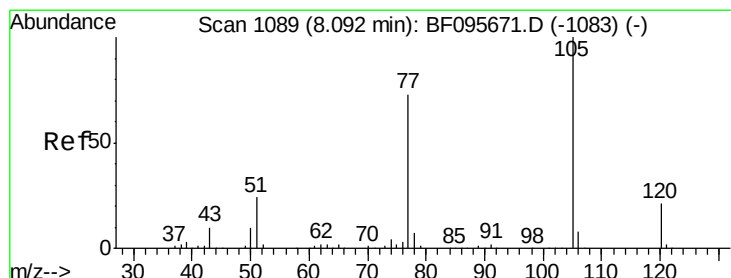
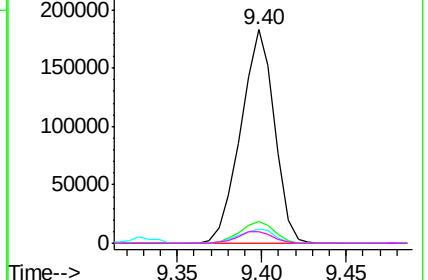
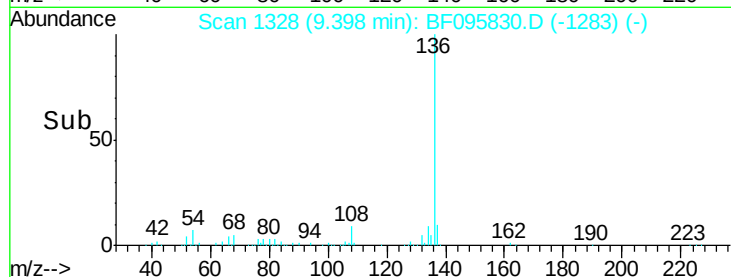


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.32 ng

RT: 8.06 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Tgt Ion:105 Resp: 317221

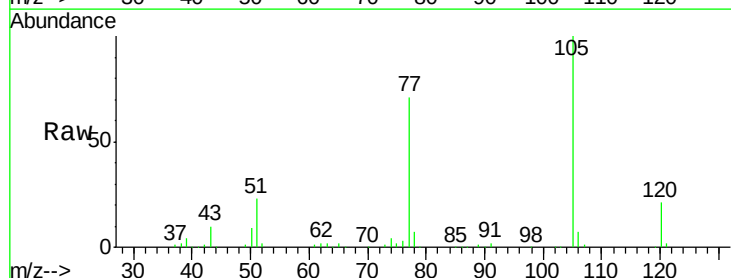
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.9 30.7 46.1#

120 21.0 17.4 26.0

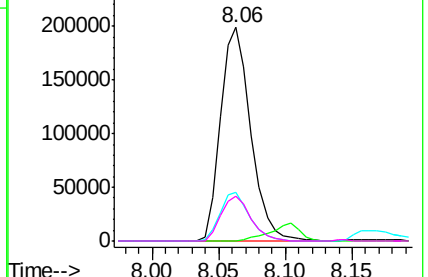
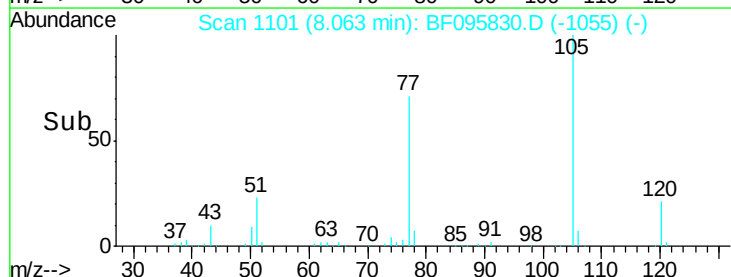


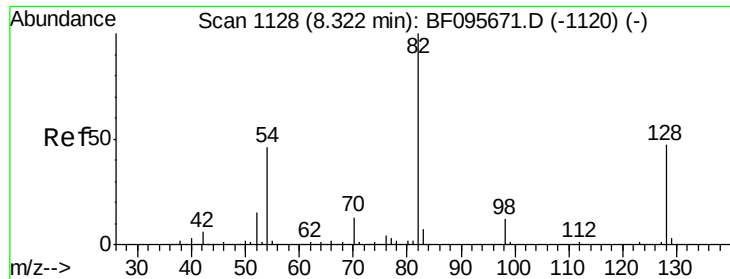
Abundance Ion 105.00 (104.70 to 105.70): E

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

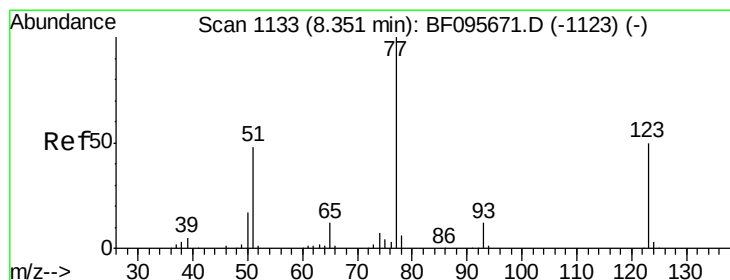
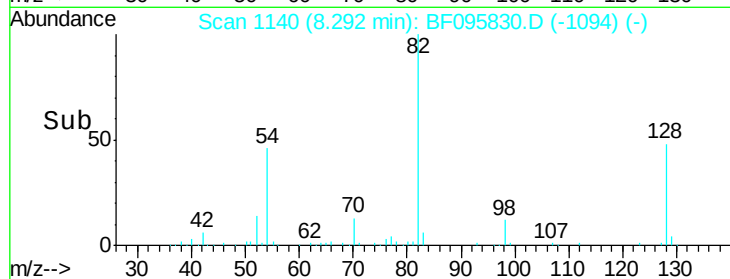
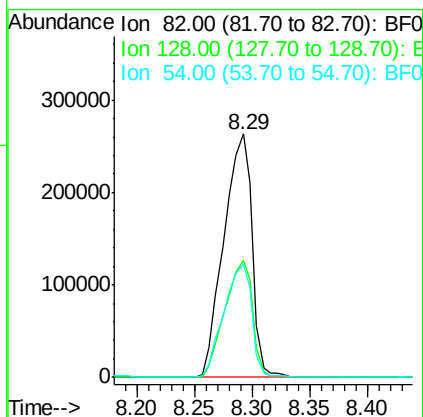
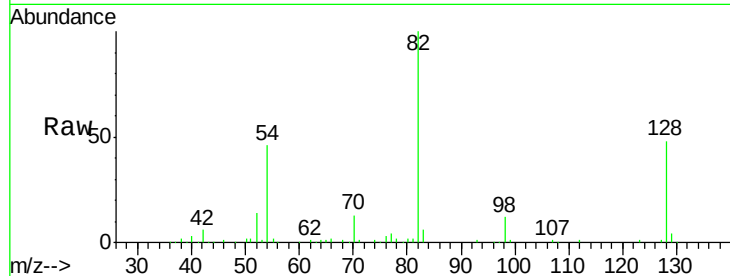




#23
 Nitrobenzene-d5
 Concen: 108.73 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

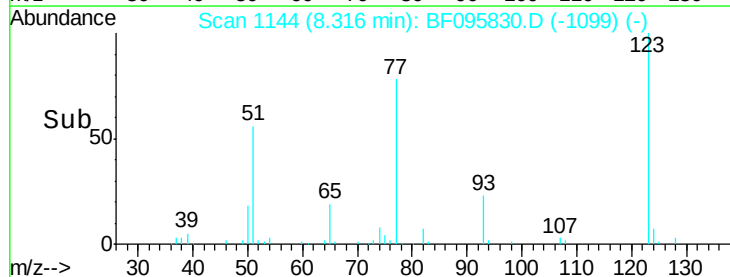
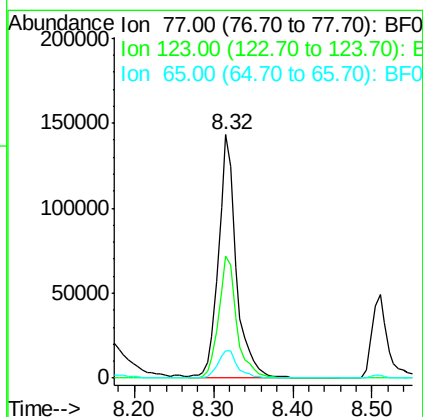
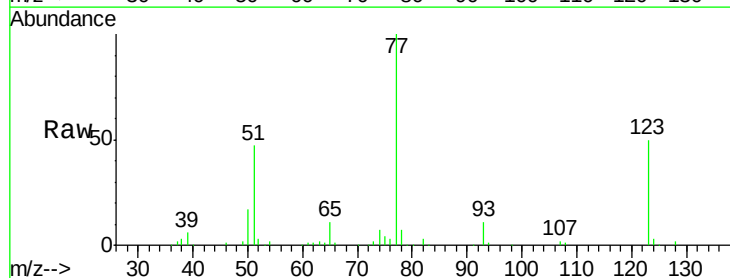
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

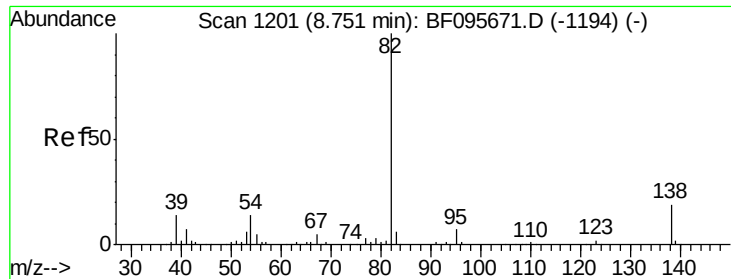
Tgt Ion: 82 Resp: 444992
 Ion Ratio Lower Upper
 82 100
 128 48.2 34.0 51.0
 54 46.3 42.2 63.2



#24
 Nitrobenzene
 Concen: 50.97 ng
 RT: 8.32 min Scan# 1144
 Delta R.T. -0.04 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion: 77 Resp: 222833
 Ion Ratio Lower Upper
 77 100
 123 50.1 35.8 53.8
 65 11.4 10.6 15.8





#25

Isophorone

Concen: 51.85 ng

RT: 8.72 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

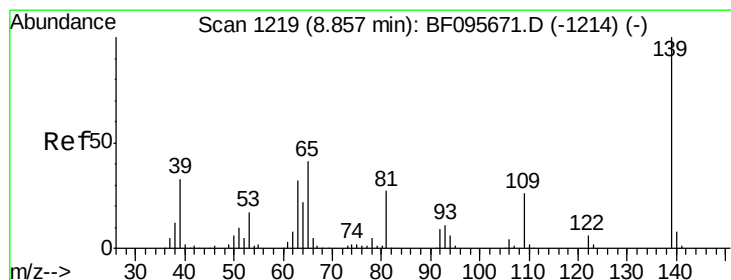
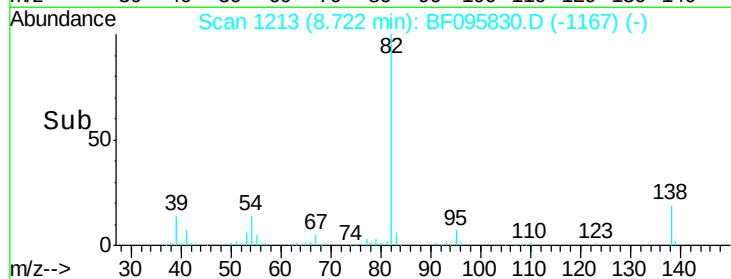
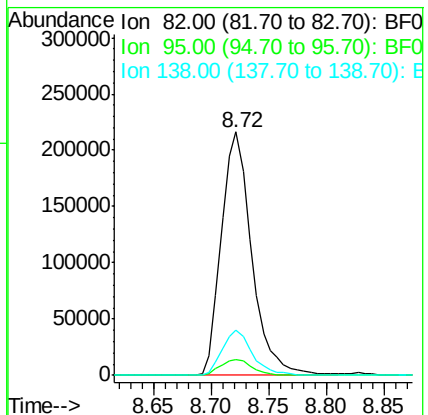
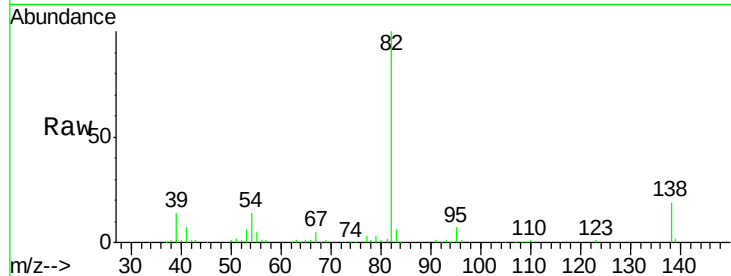
Tgt Ion: 82 Resp: 396239

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 54.96 ng

RT: 8.83 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

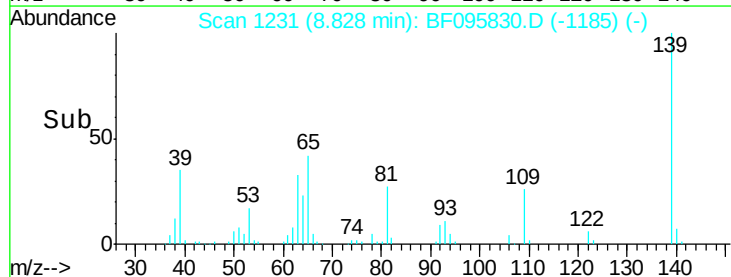
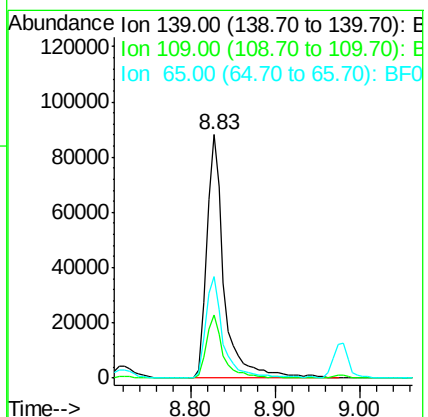
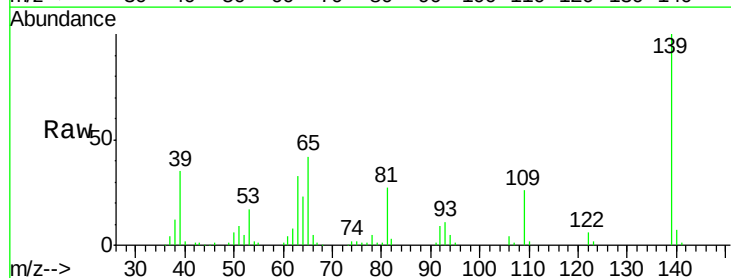
Tgt Ion: 139 Resp: 125819

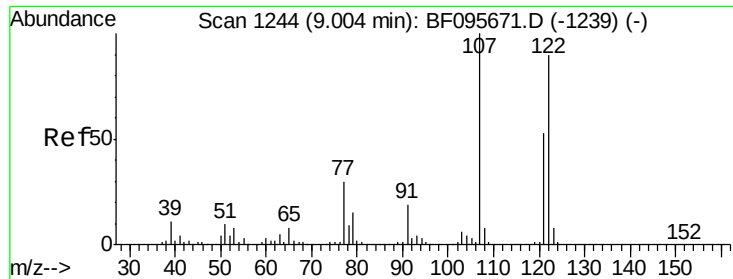
Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

65 41.7 33.0 49.6

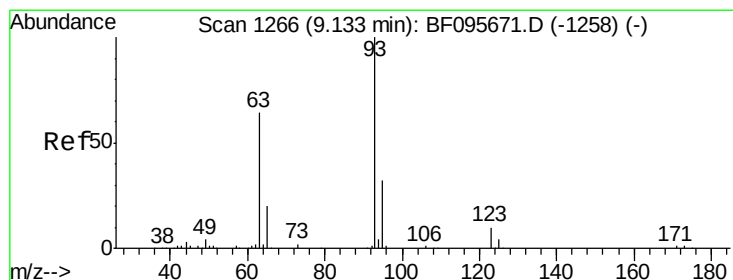
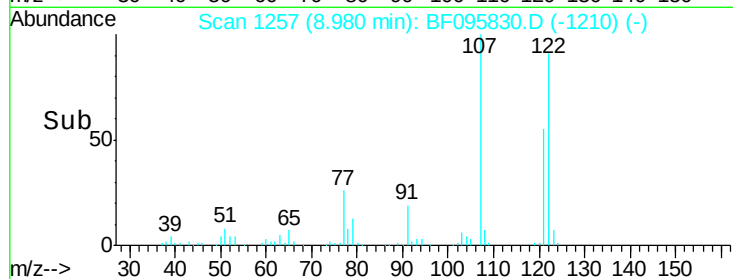
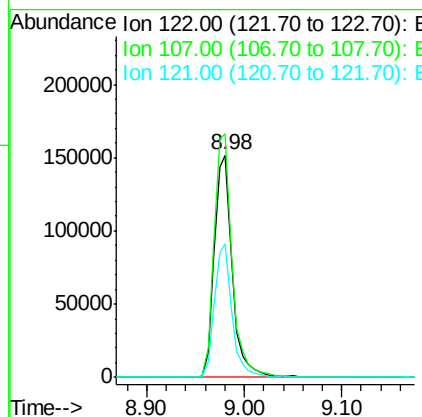
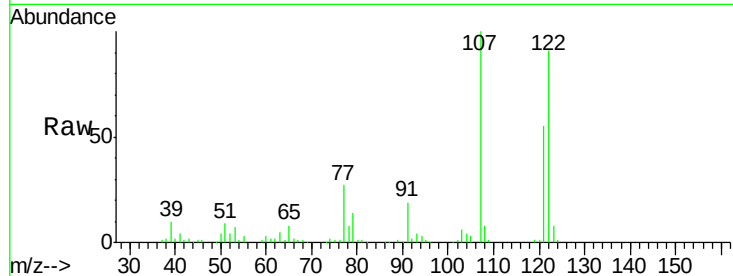




#27
 2,4-Dimethylphenol
 Concen: 54.41 ng
 RT: 8.98 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

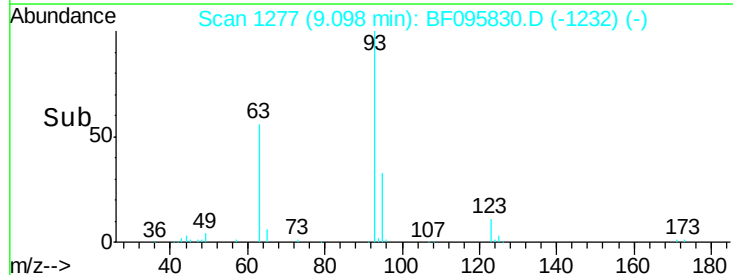
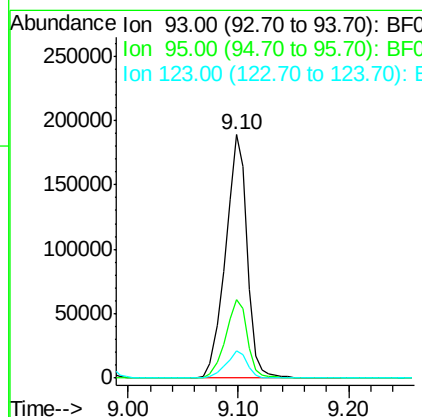
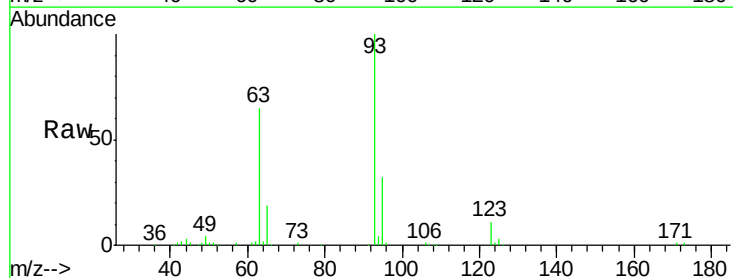
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

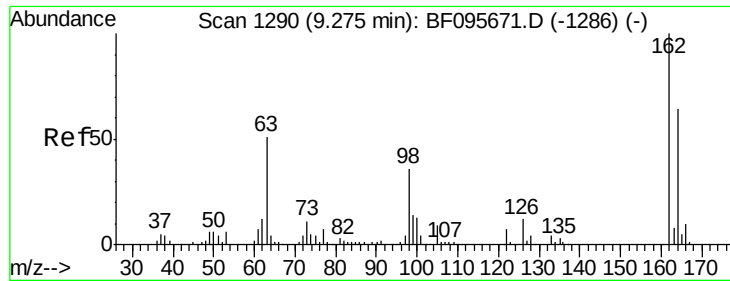
Tgt Ion: 122 Resp: 193303
 Ion Ratio Lower Upper
 122 100
 107 109.7 89.2 133.8
 121 60.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.20 ng
 RT: 9.10 min Scan# 1277
 Delta R.T. -0.04 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion: 93 Resp: 257916
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 11.1 9.0 13.4

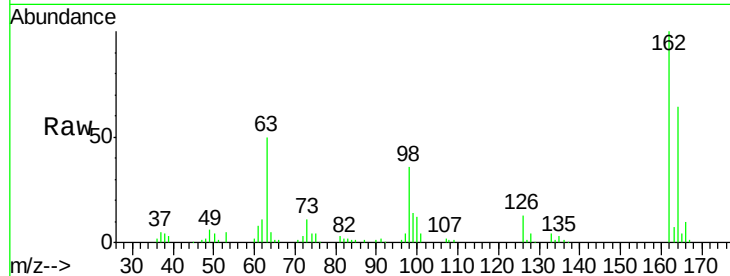




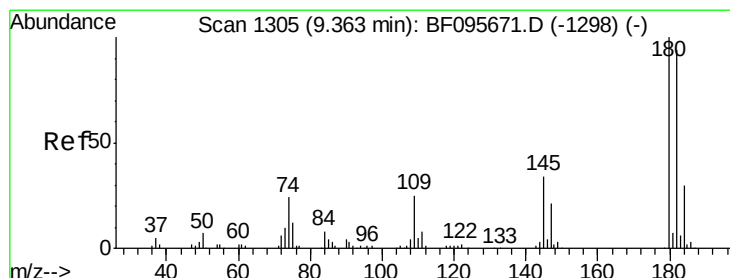
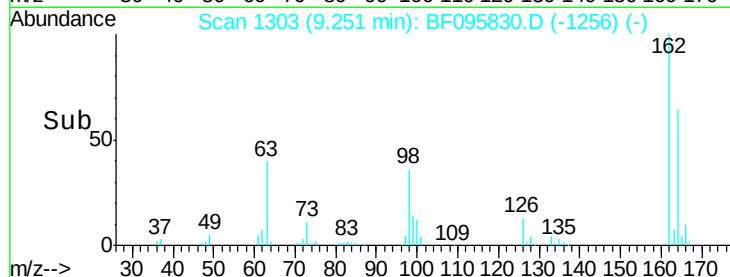
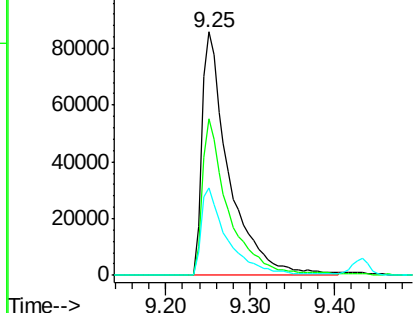
#29
2,4-Dichlorophenol
Concen: 55.36 ng
RT: 9.25 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

Tgt Ion:162 Resp: 189405
Ion Ratio Lower Upper
162 100
164 64.2 44.6 84.6
98 36.0 14.8 54.8

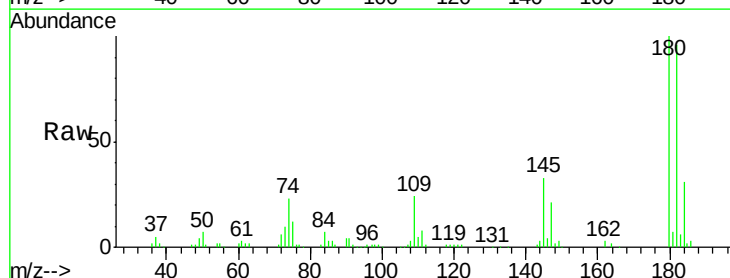


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

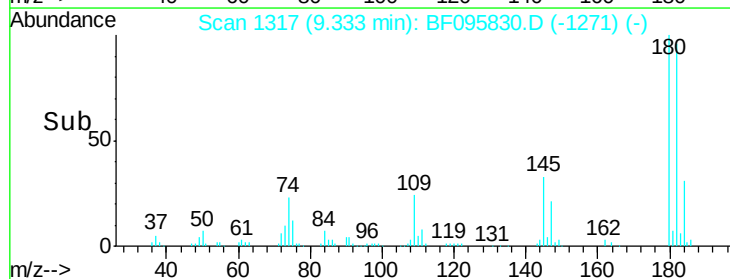
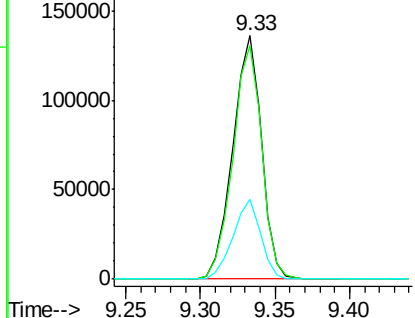


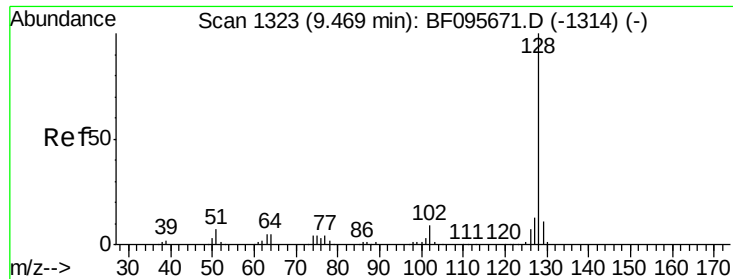
#30
1,2,4-Trichlorobenzene
Concen: 51.36 ng
RT: 9.33 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion:180 Resp: 182868
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.6
145 32.7 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

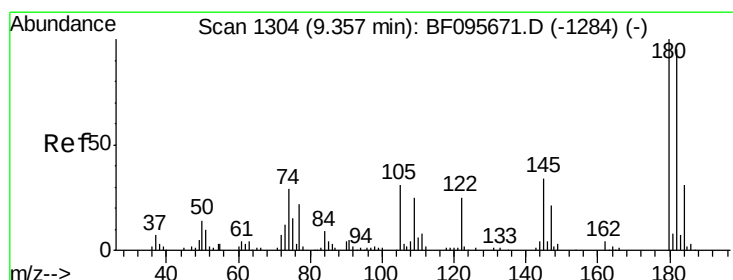
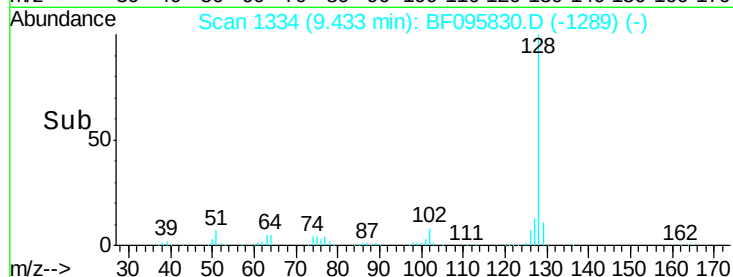
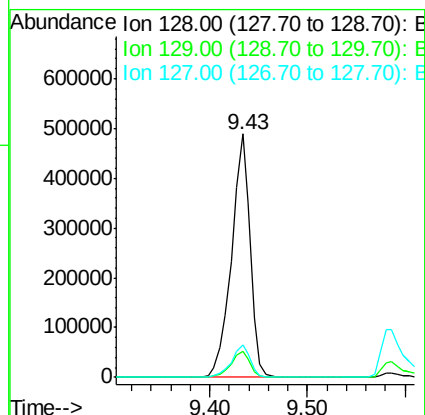
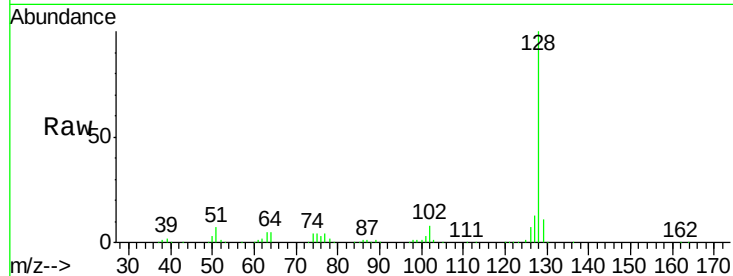




#31
Naphthalene
Concen: 50.46 ng
RT: 9.43 min Scan# 1334
Delta R.T. -0.04 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

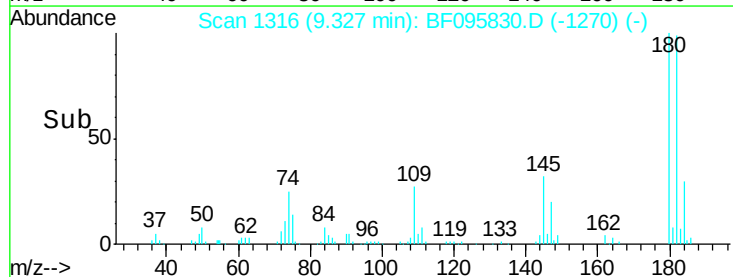
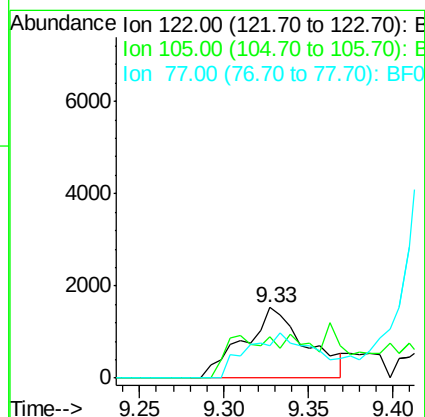
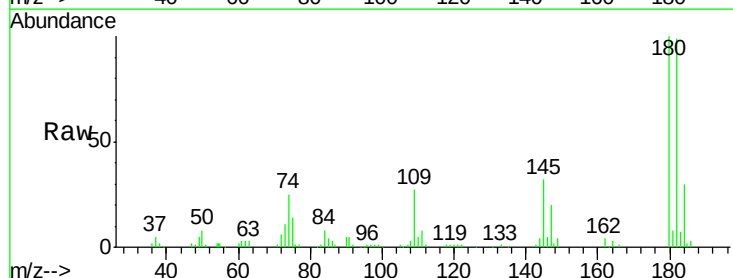
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

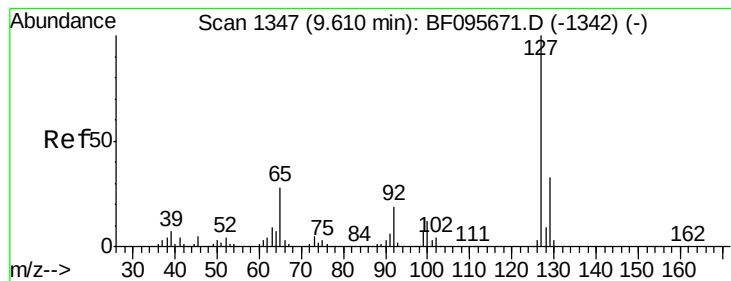
Tgt Ion:128 Resp: 643609
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 6.70 ng
RT: 9.33 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion:122 Resp: 3934
Ion Ratio Lower Upper
122 100
105 59.5 103.3 143.3#
77 46.0 73.7 113.7#





#33

4-Chloroaniline

Concen: 36.92 ng

RT: 9.59 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

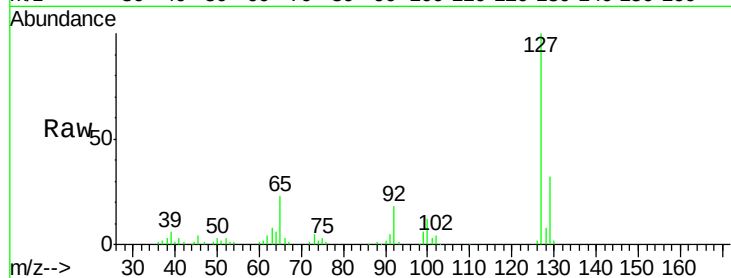
Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

Tgt Ion:	127	Resp:	184064
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	23.3	27.8	41.8#
92	17.5	16.8	25.2

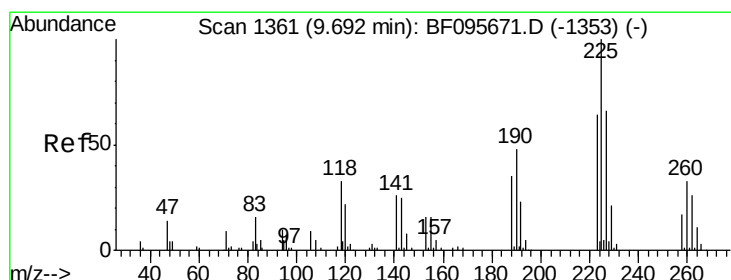
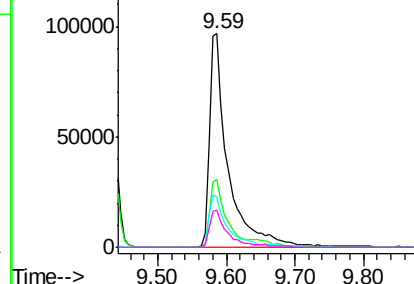
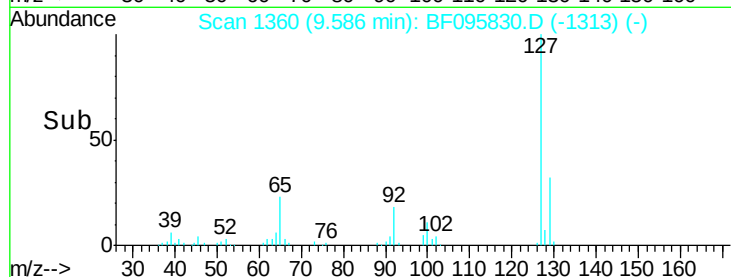


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 49.71 ng

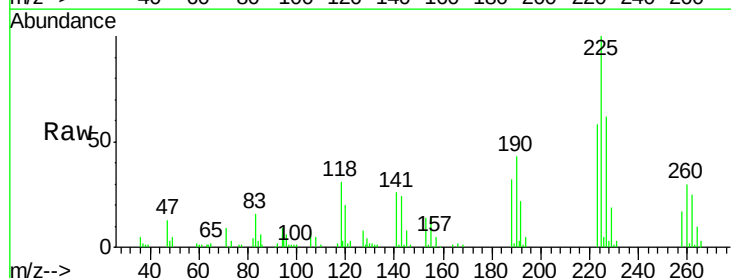
RT: 9.66 min Scan# 1372

Delta R.T. -0.04 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

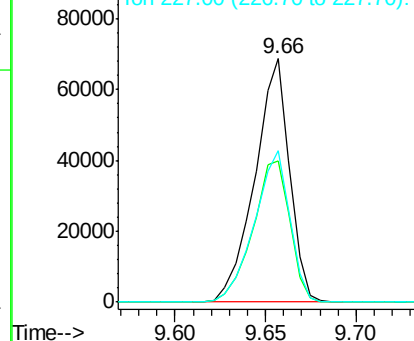
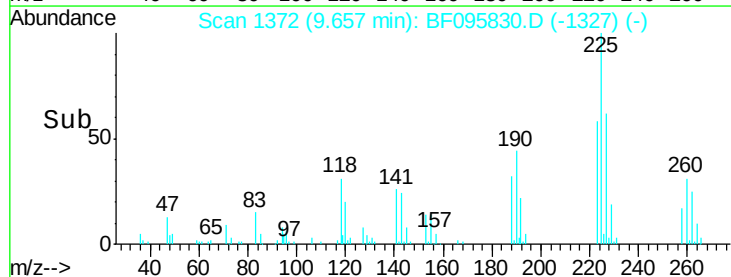
Tgt Ion:	225	Resp:	91449
Ion	Ratio	Lower	Upper
225	100		
223	58.3	48.8	73.2
227	62.1	51.1	76.7

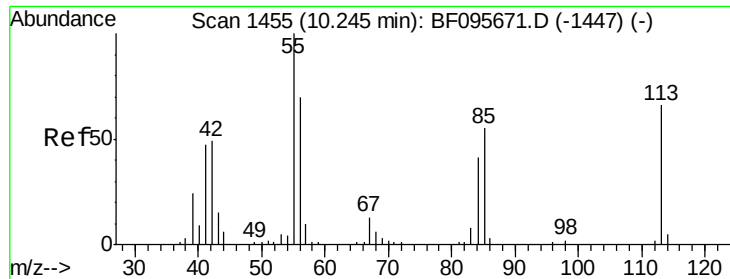


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

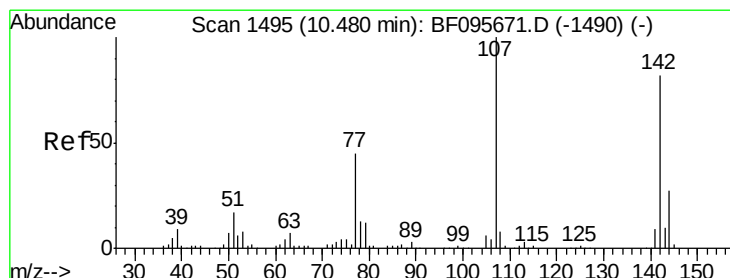
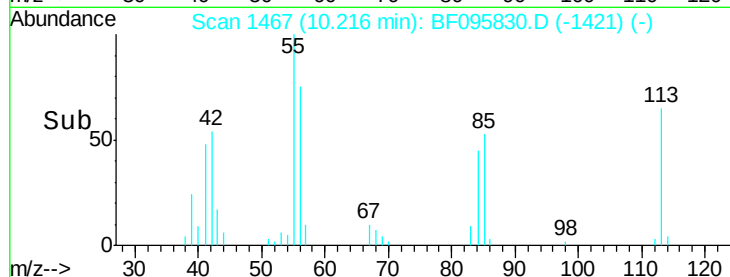
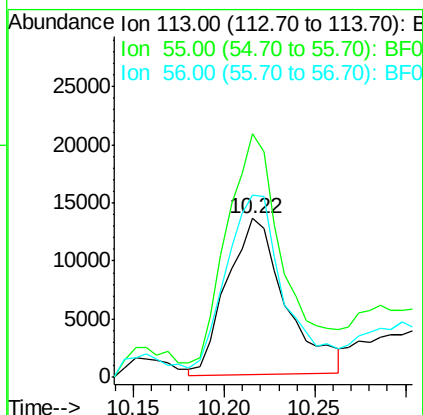
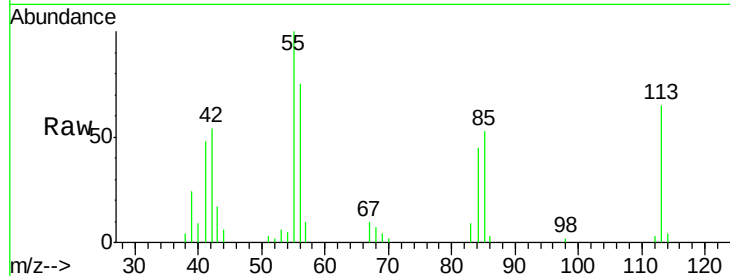




#35
 Caprolactam
 Concen: 29.63 ng
 RT: 10.22 min Scan# 1467
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

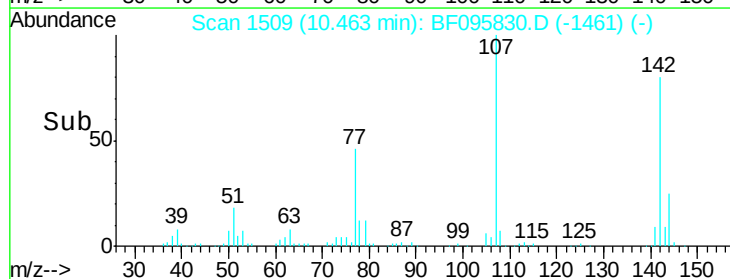
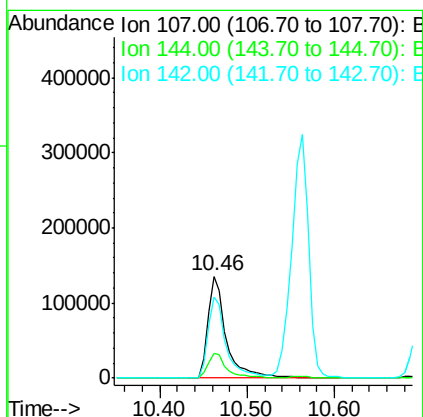
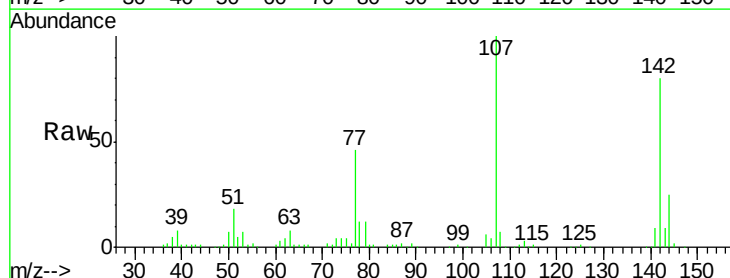
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

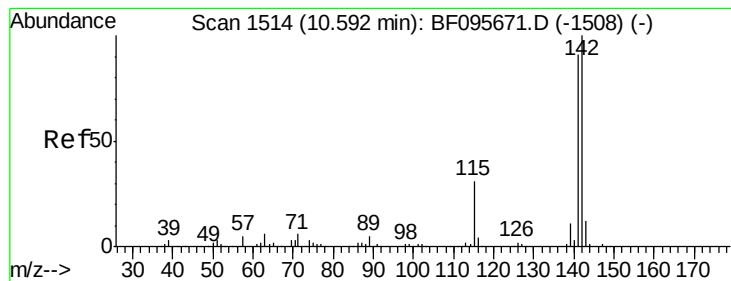
Tgt Ion:113 Resp: 30169
 Ion Ratio Lower Upper
 113 100
 55 153.4 150.2 190.2
 56 114.6 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 54.82 ng
 RT: 10.46 min Scan# 1509
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion:107 Resp: 196347
 Ion Ratio Lower Upper
 107 100
 144 24.6 24.2 36.4
 142 79.9 73.4 110.0





#37

2-Methylnaphthalene

Concen: 51.20 ng

RT: 10.56 min Scan# 1526

Delta R.T. -0.03 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

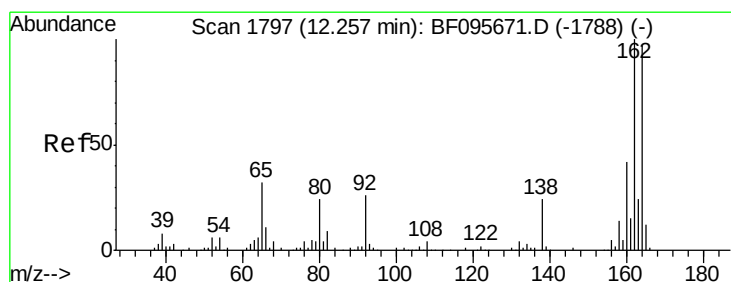
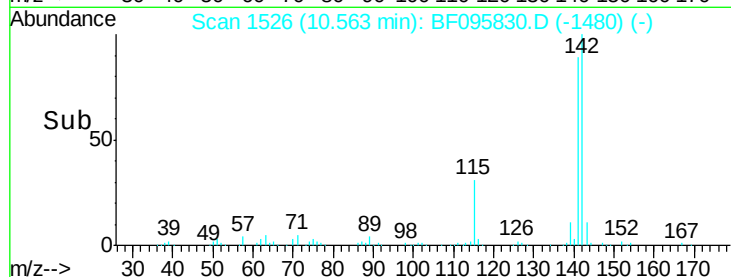
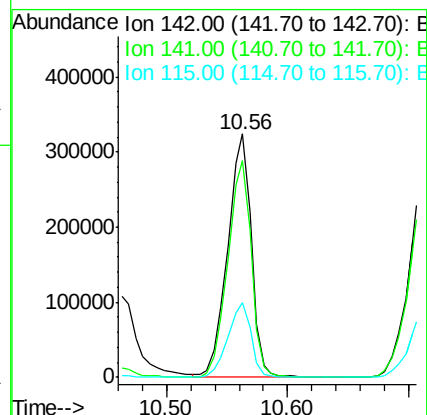
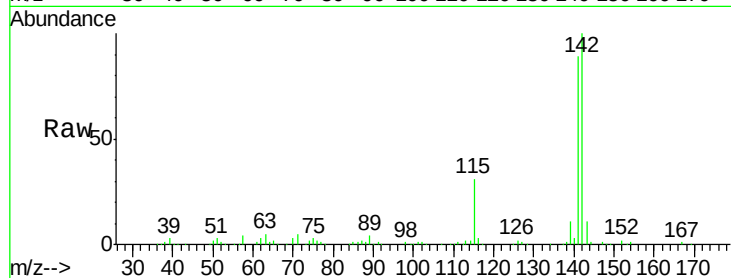
Tgt Ion:142 Resp: 441250

Ion Ratio Lower Upper

142 100

141 88.8 71.3 106.9

115 30.9 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: BF095830.D

Acq: 9 Jun 2017 19:53

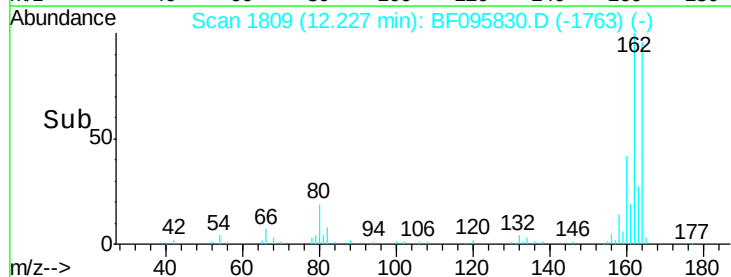
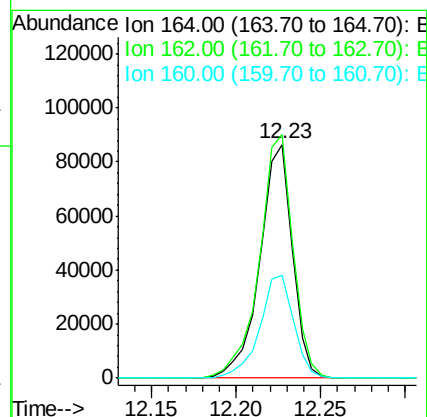
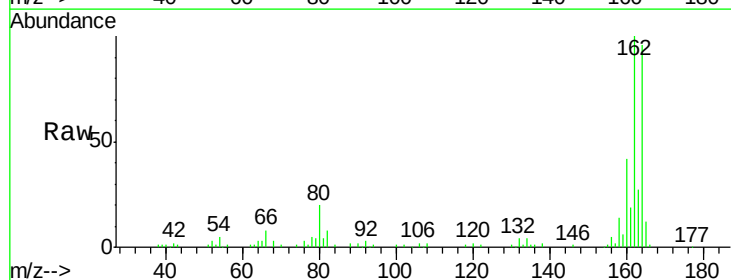
Tgt Ion:164 Resp: 116321

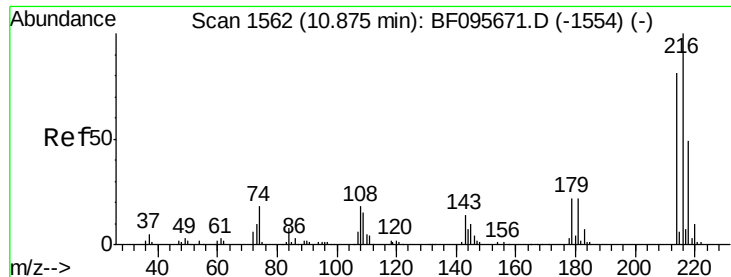
Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

160 44.2 36.2 54.2

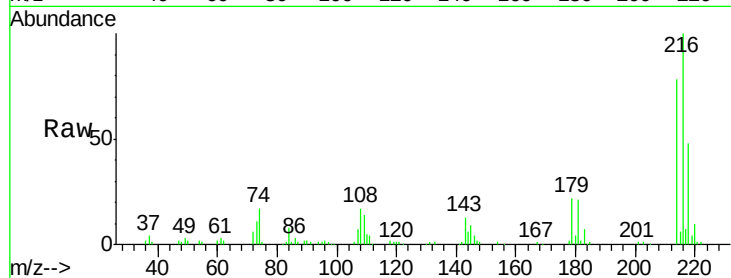




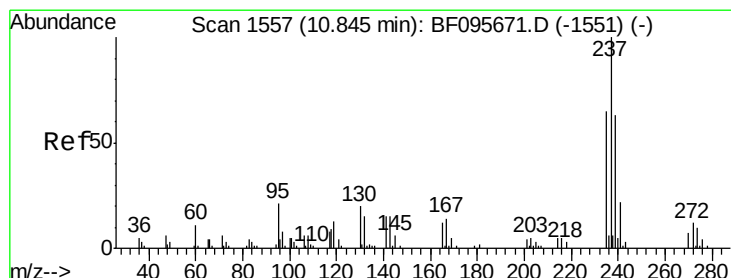
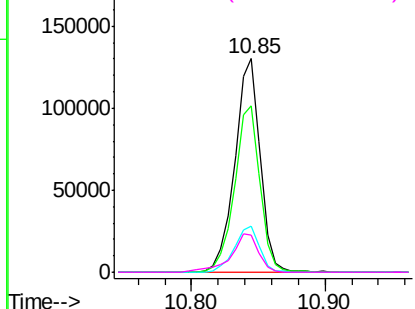
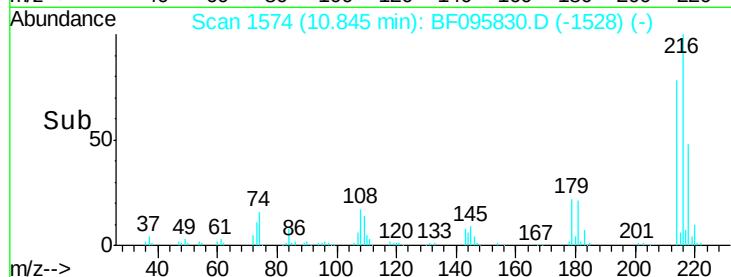
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.31 ng
 RT: 10.85 min Scan# 1574
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

Tgt Ion:	216	Resp:	171658
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	21.6	17.9	26.9
108	19.6	16.5	24.7

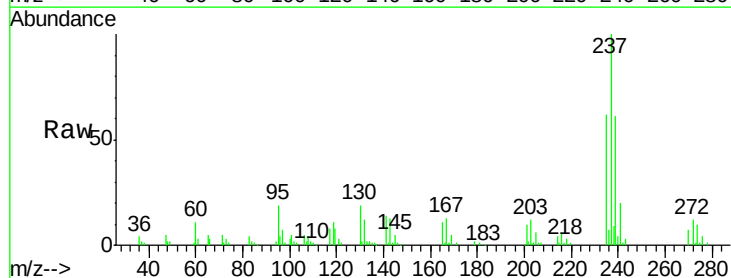


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

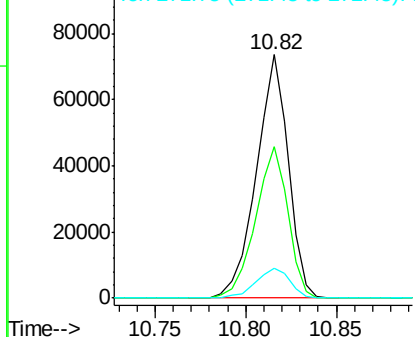
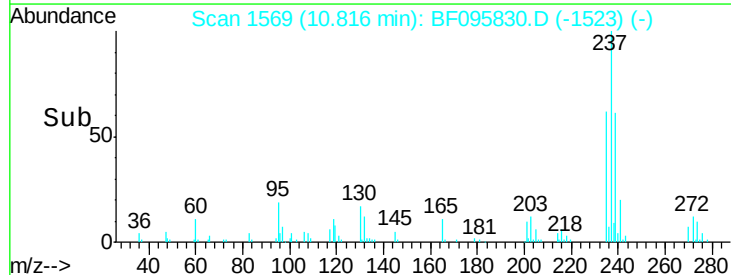


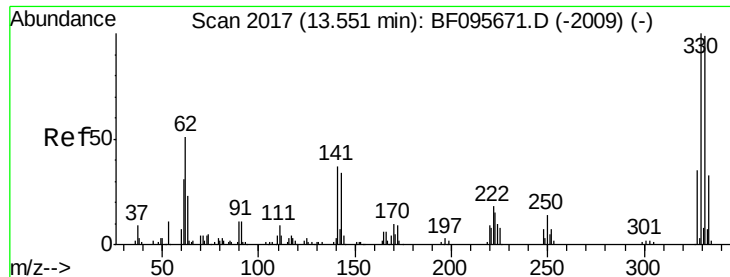
#40
 Hexachlorocyclopentadiene
 Concen: 82.02 ng
 RT: 10.82 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion:	237	Resp:	89865
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.6	82.6
272	12.1	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

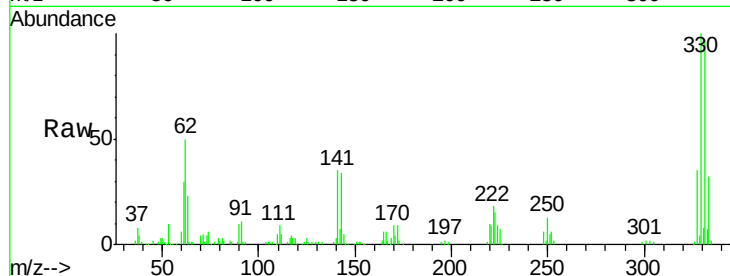




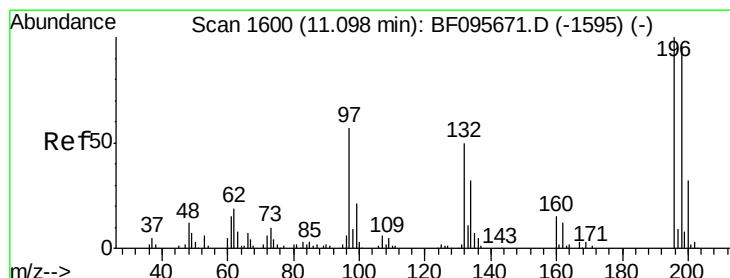
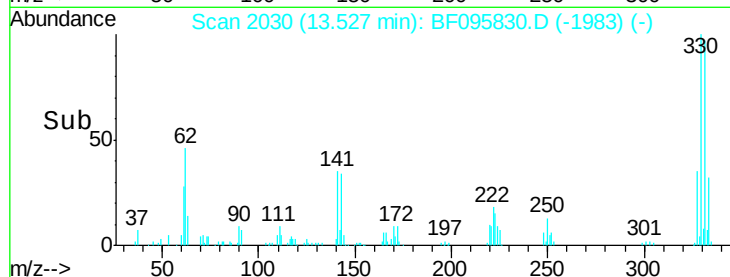
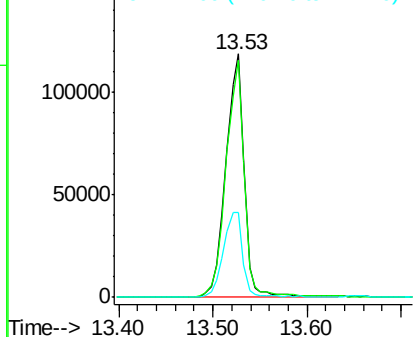
#41
 2,4,6-Tribromophenol
 Concen: 158.59 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

Tgt Ion:330 Resp: 163219
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 36.9 31.4 47.2

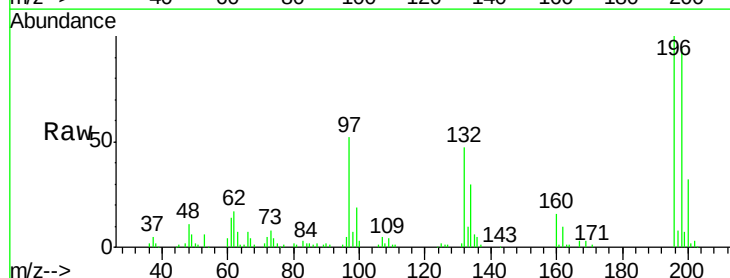


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

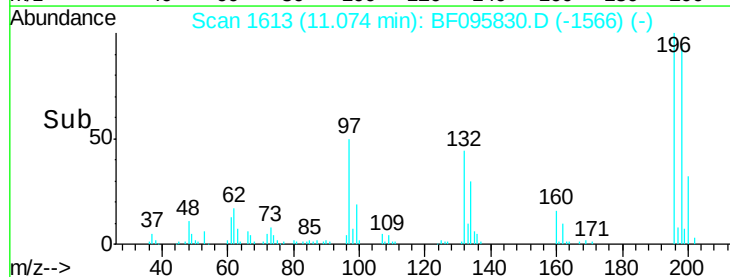
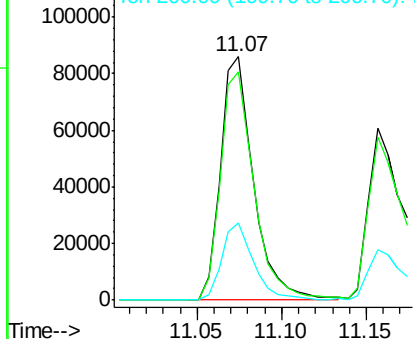


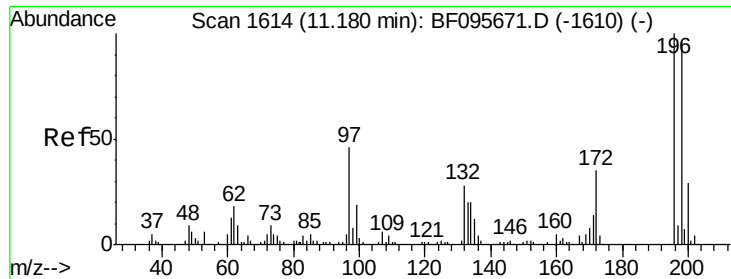
#42
 2,4,6-Trichlorophenol
 Concen: 52.38 ng
 RT: 11.07 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion:196 Resp: 117233
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.2 111.4
 200 31.7 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

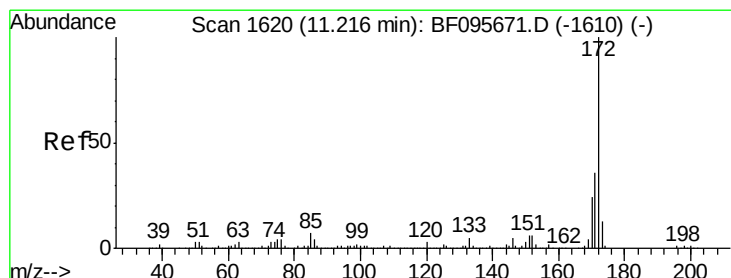
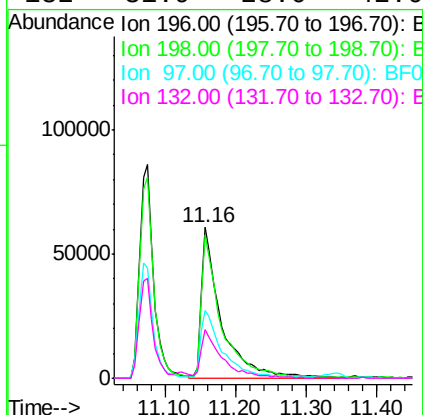
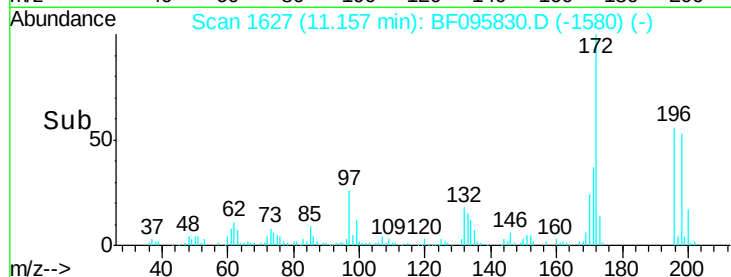
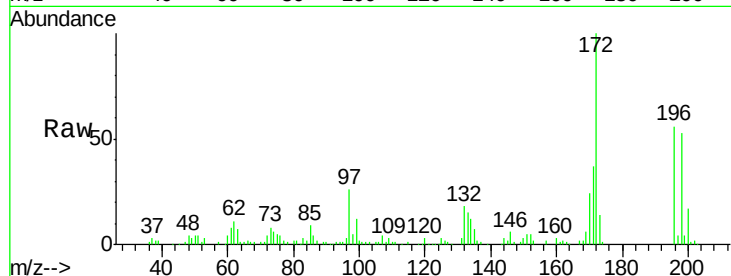




#43
 2,4,5-Trichlorophenol
 Concen: 50.71 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

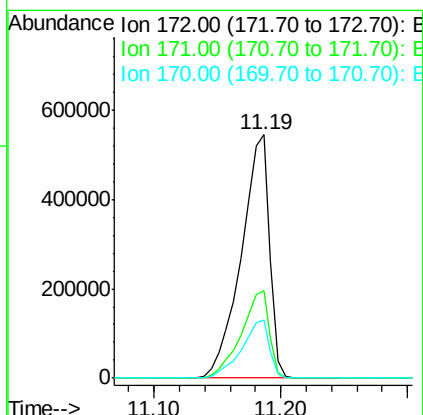
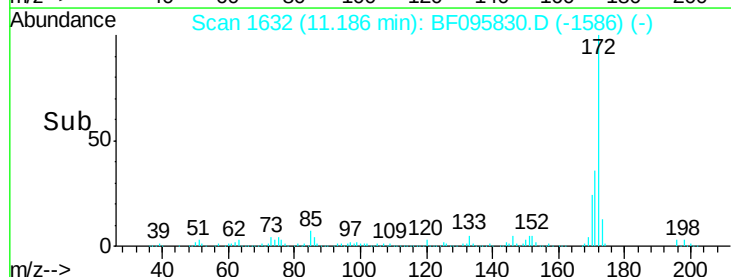
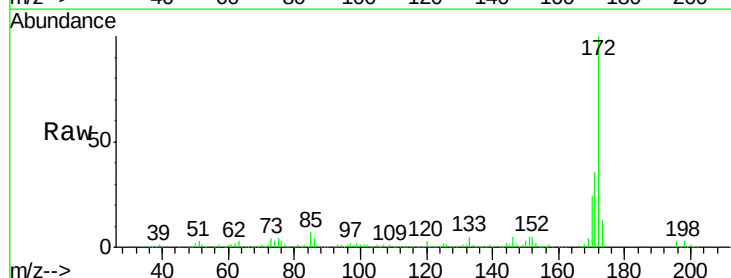
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

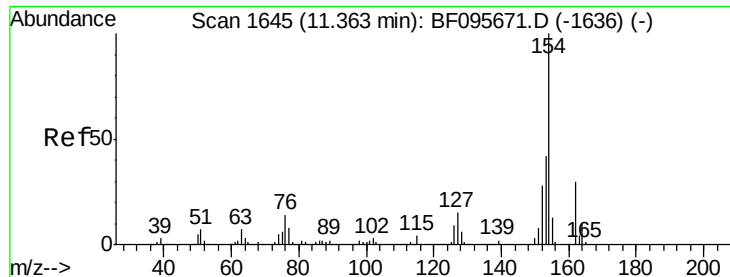
Tgt Ion	Resp	Lower	Upper
196	120729		
198	95.0	75.7	113.5
97	45.4	47.7	71.5
132	31.9	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 101.24 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion	Resp	Lower	Upper
172	846250		
171	36.1	29.6	44.4
170	23.8	19.8	29.8

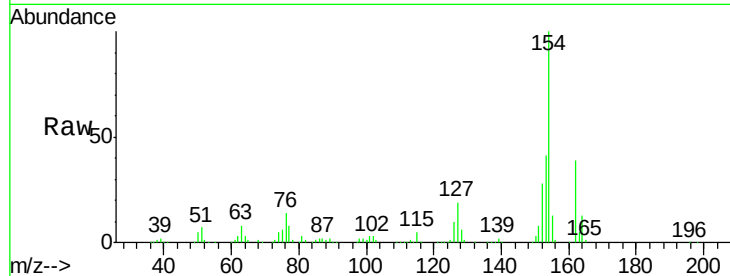




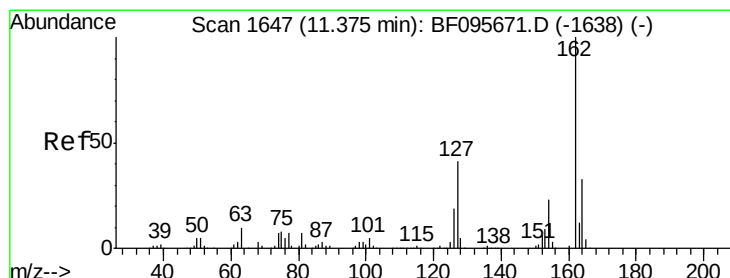
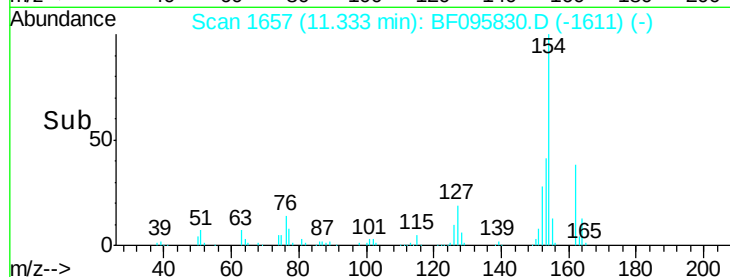
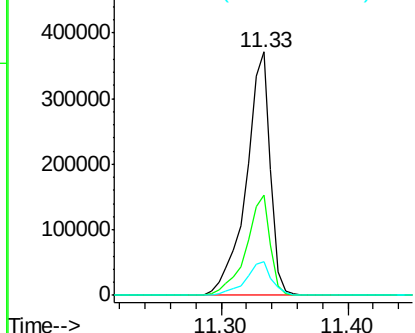
#45
 1,1'-Biphenyl
 Concen: 51.10 ng
 RT: 11.33 min Scan# 1657
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	13.8	0.0	29.9

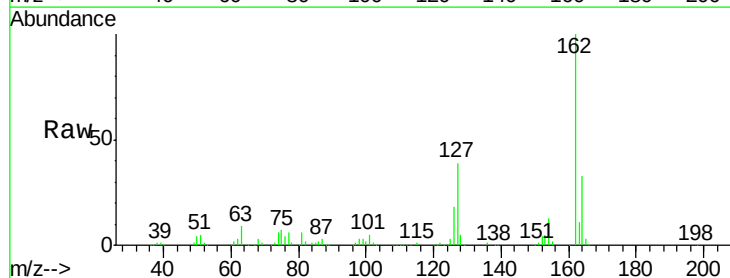


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

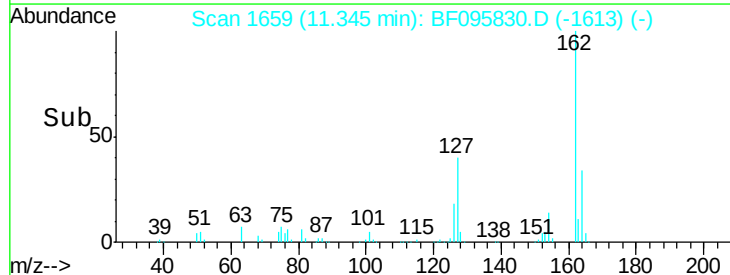
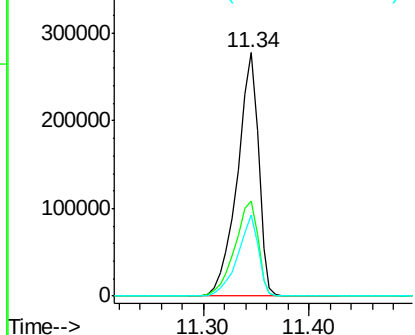


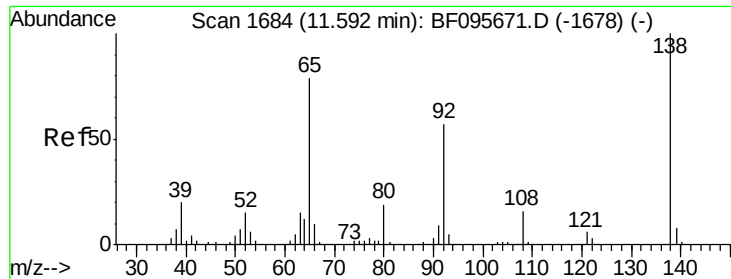
#46
 2-Chloronaphthalene
 Concen: 51.24 ng
 RT: 11.34 min Scan# 1659
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	28.3	42.5
164	33.1	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

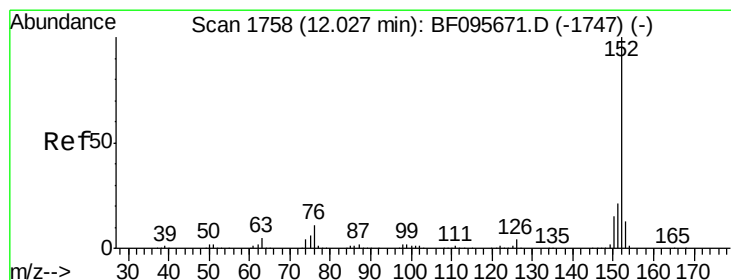
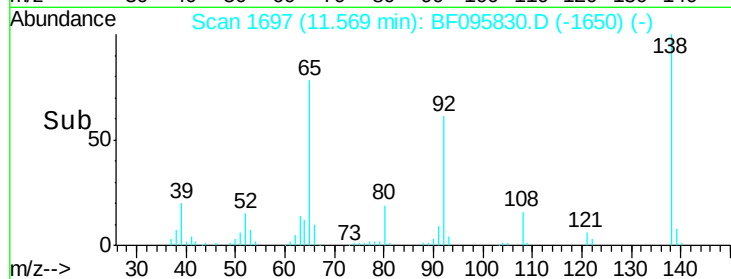
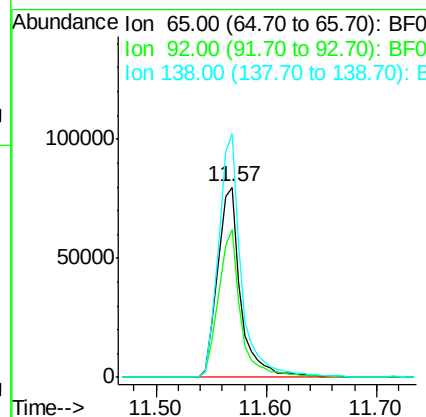
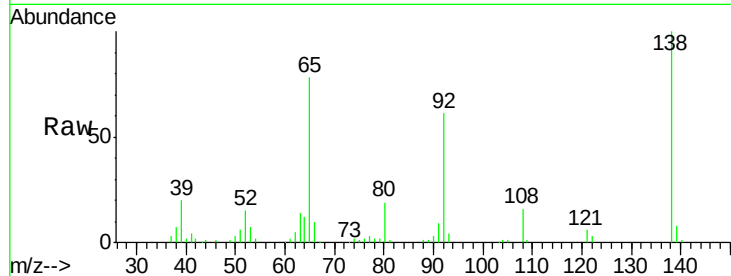




#47
 2-Nitroaniline
 Concen: 52.77 ng
 RT: 11.57 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

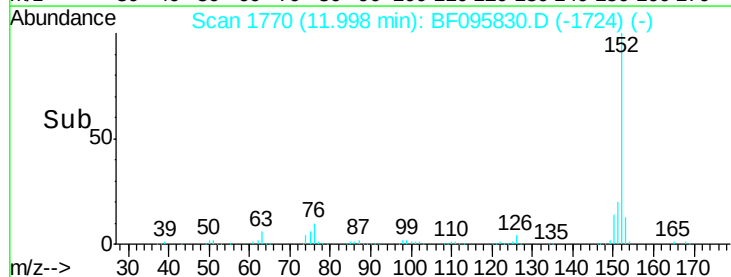
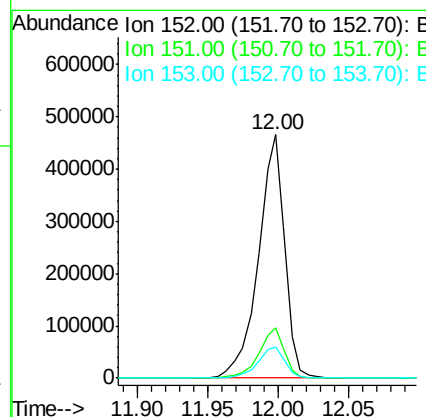
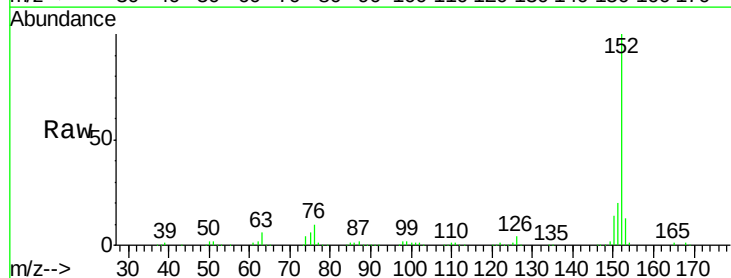
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

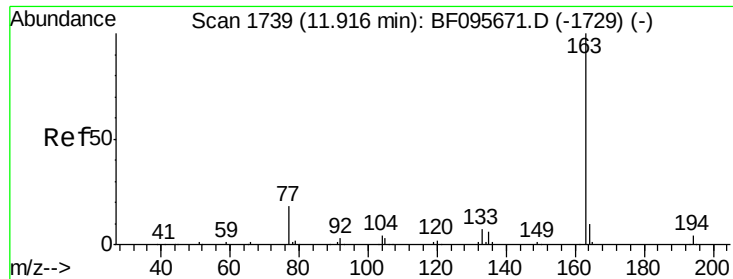
Tgt Ion: 65 Resp: 115668
 Ion Ratio Lower Upper
 65 100
 92 77.5 53.9 80.9
 138 127.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 47.67 ng
 RT: 12.00 min Scan# 1770
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion: 152 Resp: 610624
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.0 10.8 16.2

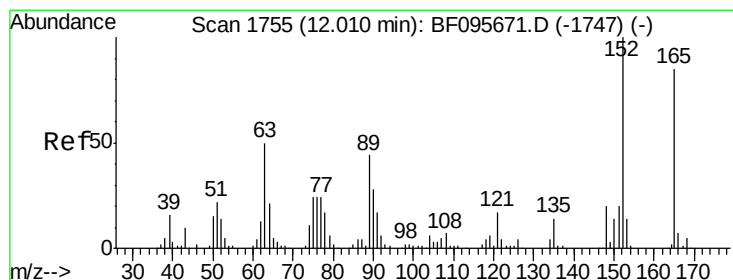
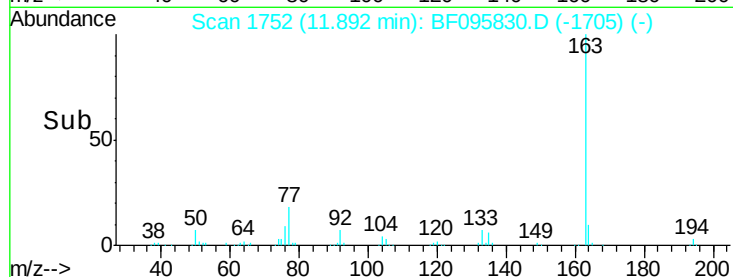
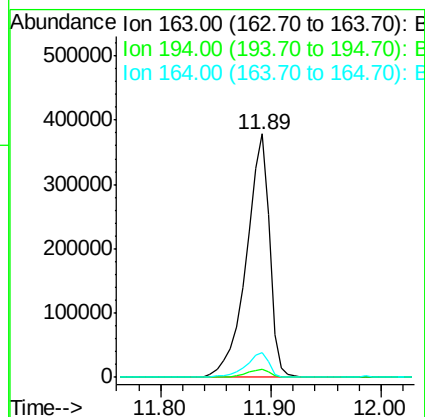
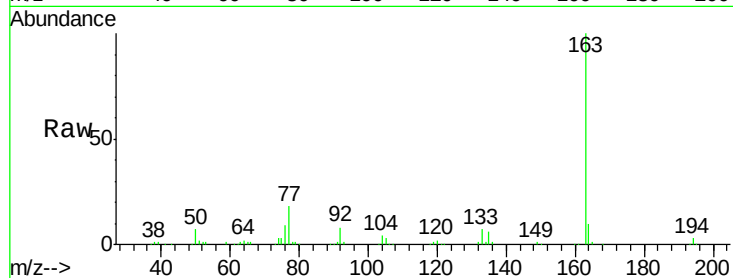




#49
Dimethylphthalate
Concen: 63.30 ng
RT: 11.89 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

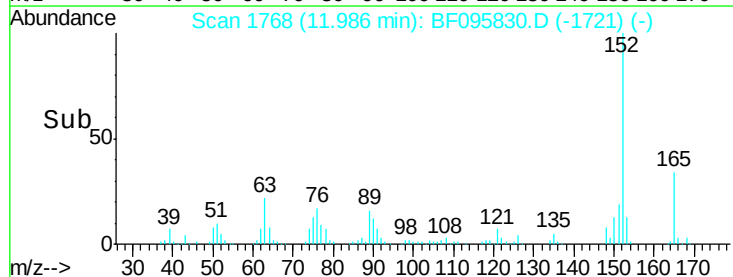
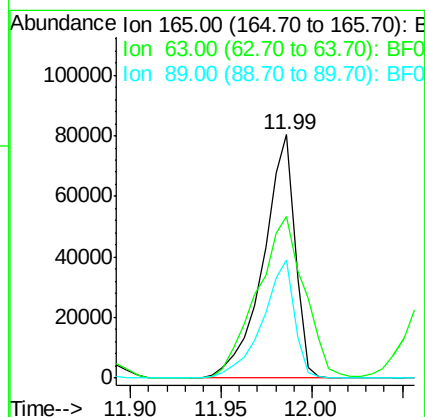
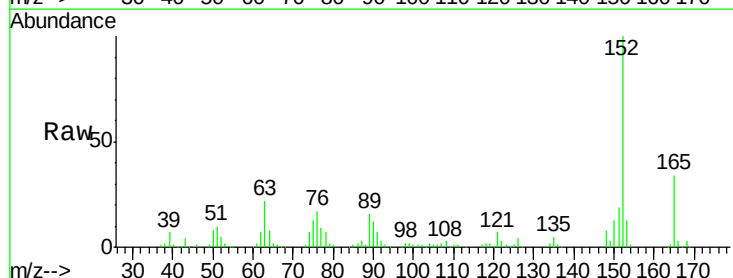
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

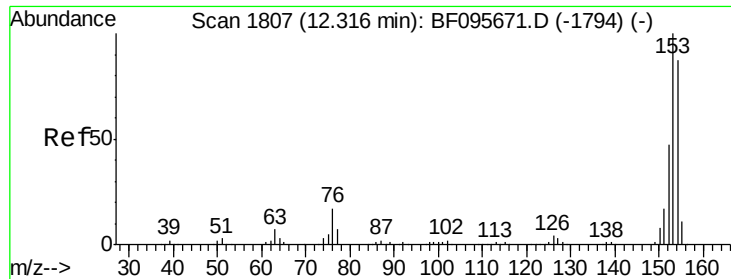
Tgt Ion:163 Resp: 559055
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 50.84 ng
RT: 11.99 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion:165 Resp: 97930
Ion Ratio Lower Upper
165 100
63 66.3 34.3 51.5#
89 48.7 37.1 55.7





#51

Acenaphthene

Concen: 48.91 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

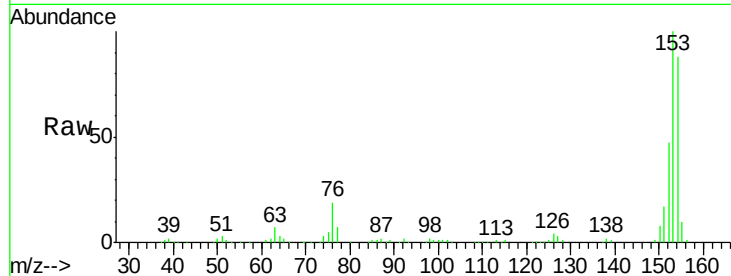
Tgt Ion:154 Resp: 361820

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

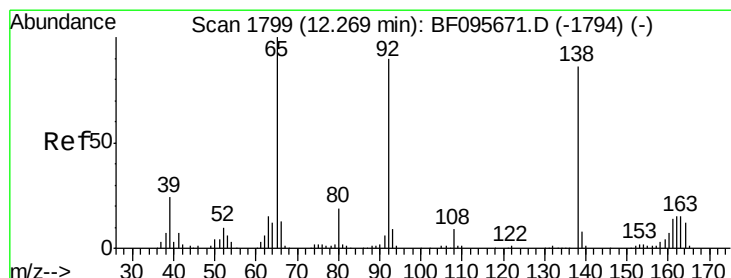
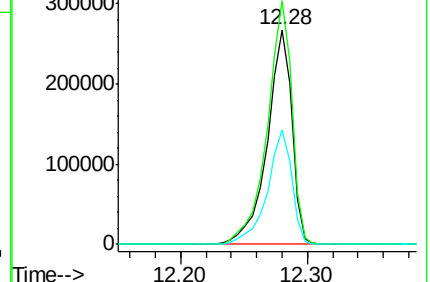
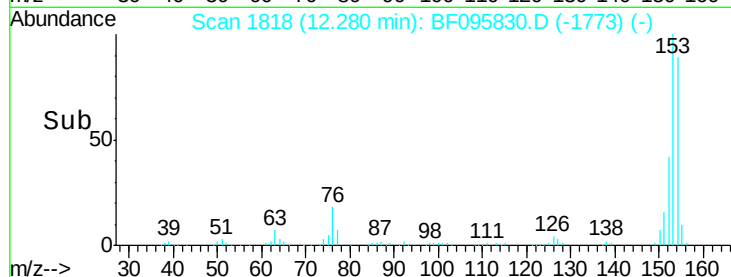
152 53.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.33 ng

RT: 12.24 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

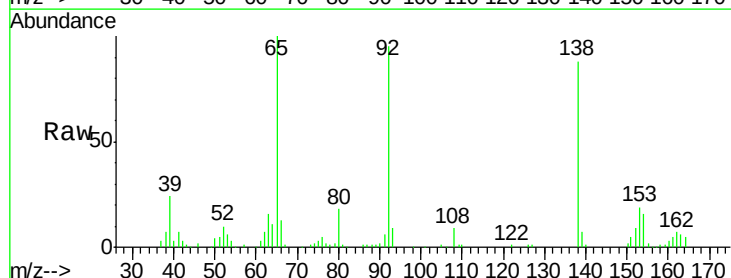
Tgt Ion:138 Resp: 92767

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

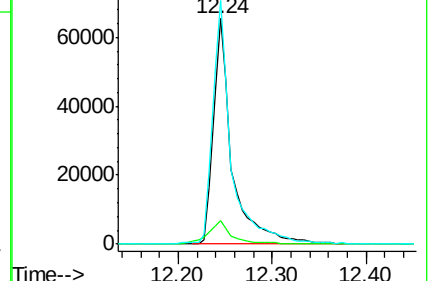
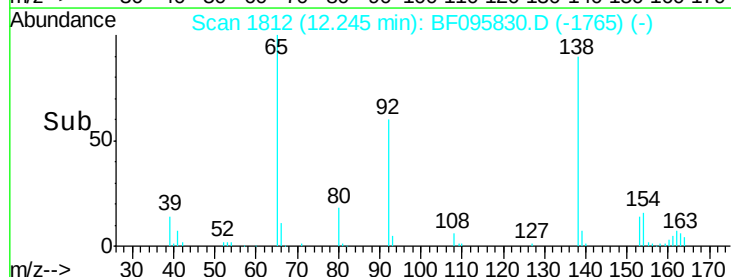
92 108.0 93.8 140.6

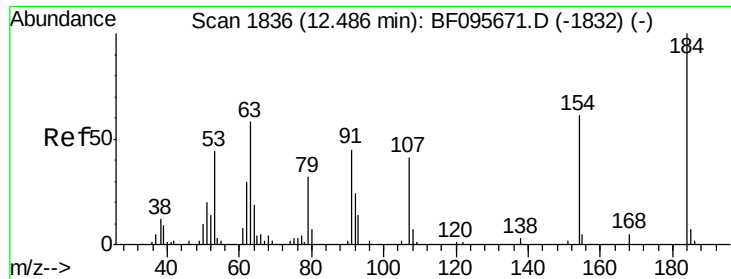


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

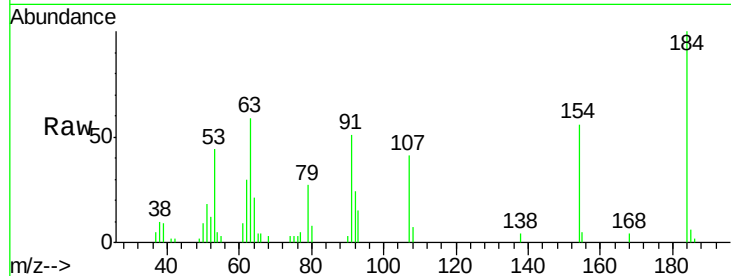




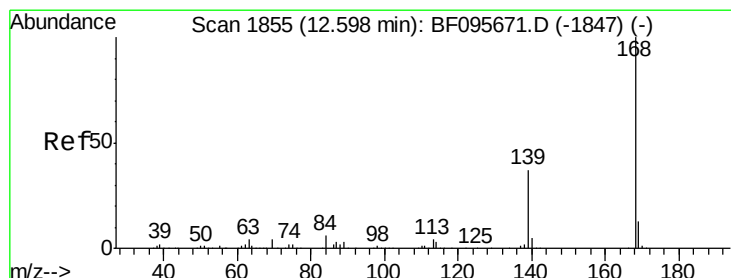
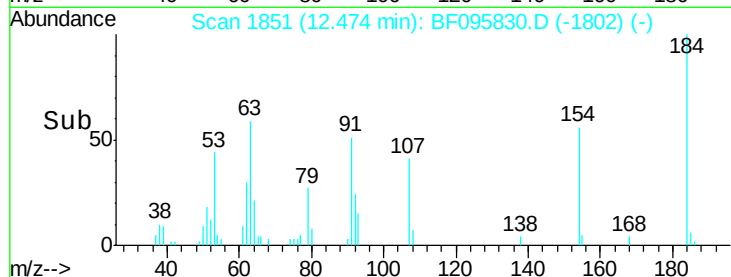
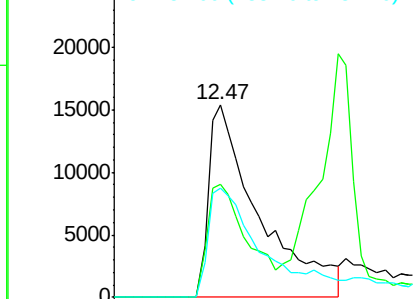
#53
2,4-Dinitrophenol
Concen: 40.71 ng
RT: 12.47 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

Tgt Ion:184 Resp: 40633
Ion Ratio Lower Upper
184 100
63 58.6 62.7 94.1#
154 56.4 81.1 121.7#

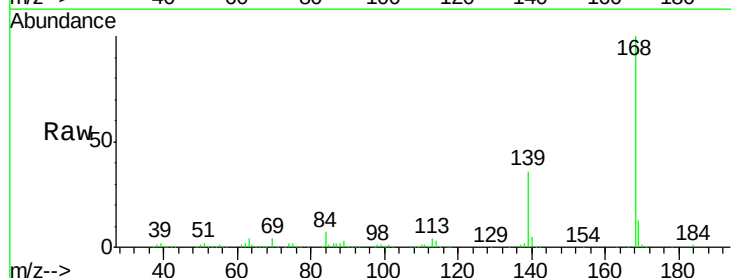


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

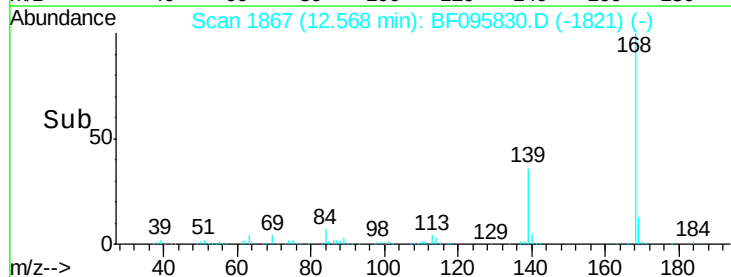
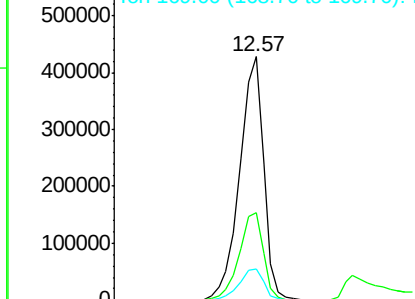


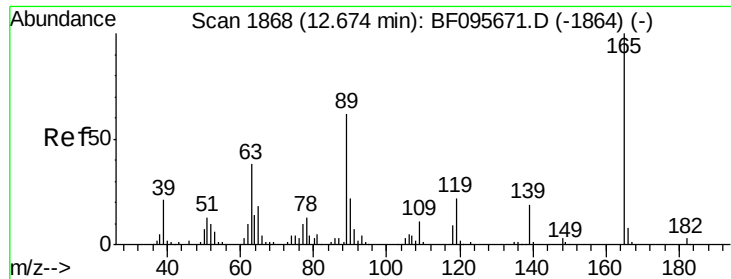
#54
Dibenzofuran
Concen: 53.78 ng
RT: 12.57 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion:168 Resp: 559923
Ion Ratio Lower Upper
168 100
139 36.1 30.6 45.8
169 12.9 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 95.50 ng

RT: 12.64 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

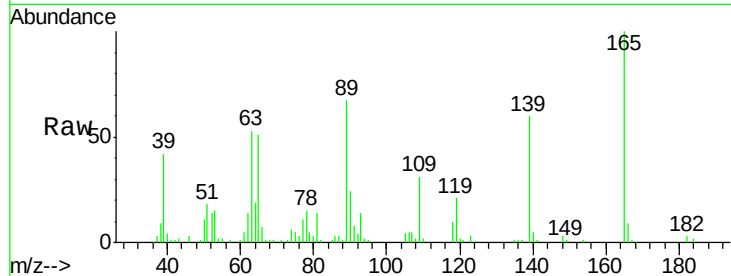
Tgt Ion:139 Resp: 126395

Ion Ratio Lower Upper

139 100

109 52.1 34.1 74.1

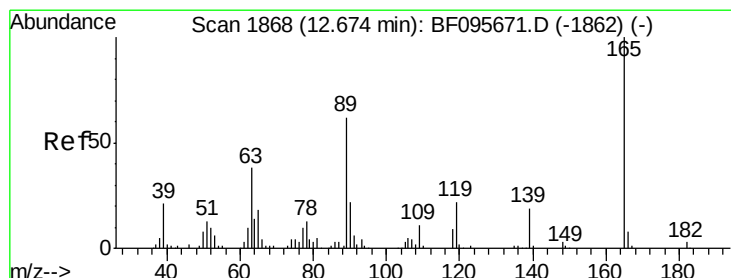
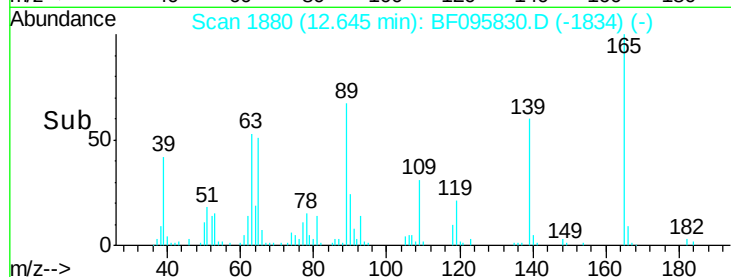
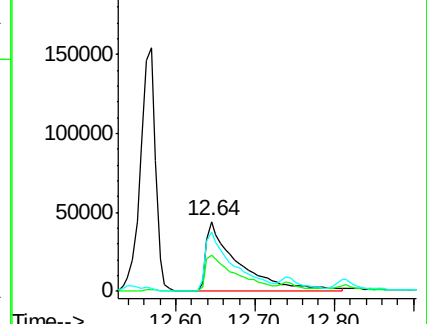
65 84.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 54.48 ng

RT: 12.65 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Tgt Ion:165 Resp: 141747

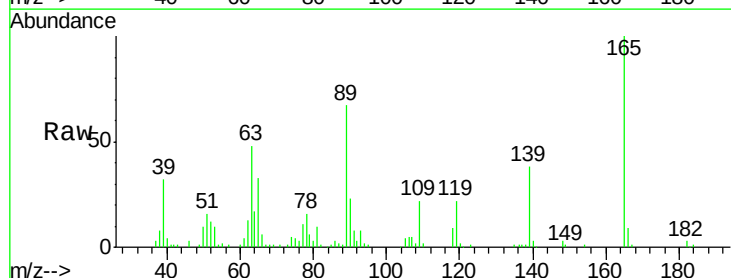
Ion Ratio Lower Upper

165 100

63 47.5 25.4 38.0#

89 66.6 46.4 69.6

182 2.7 1.8 2.6#

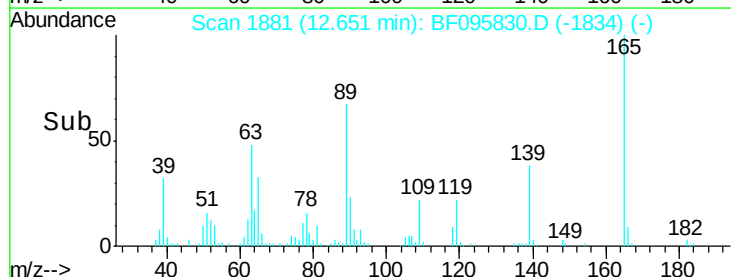
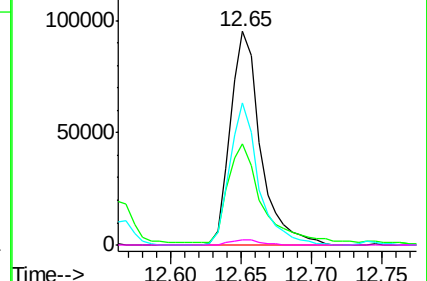


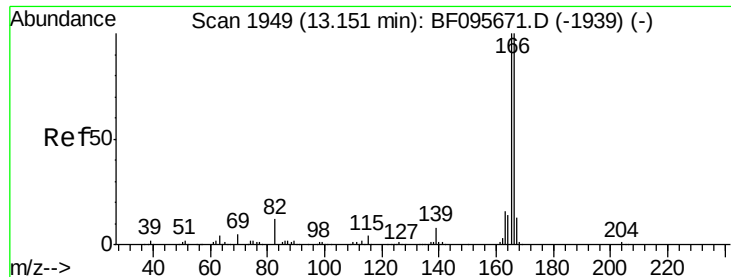
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

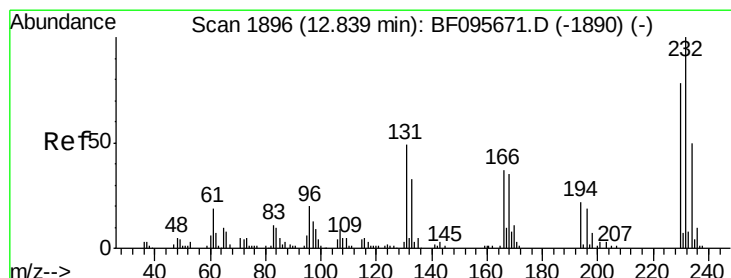
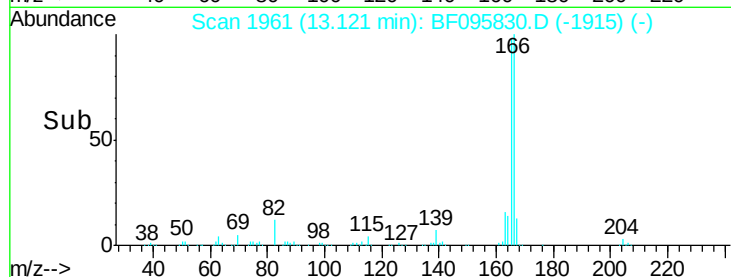
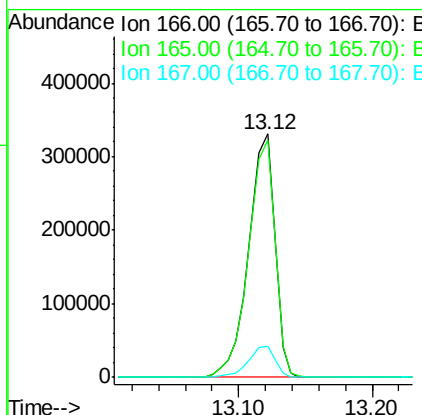
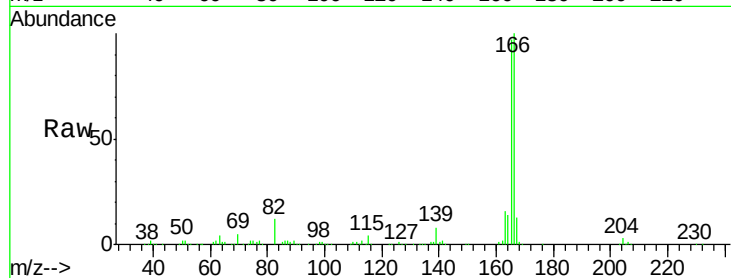




#57
 Fluorene
 Concen: 49.67 ng
 RT: 13.12 min Scan# 1961
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

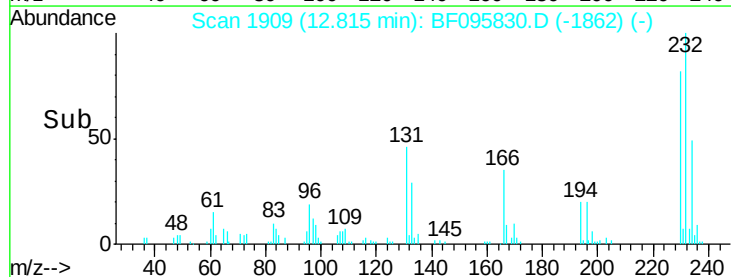
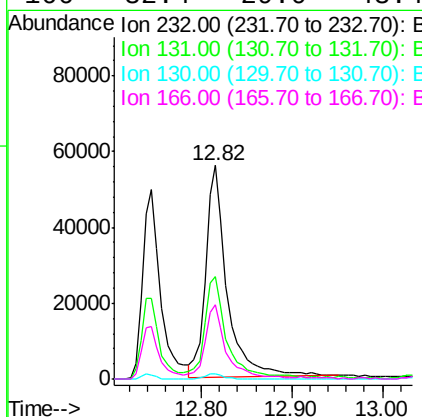
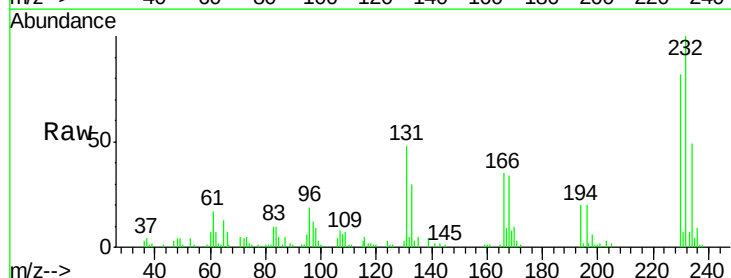
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

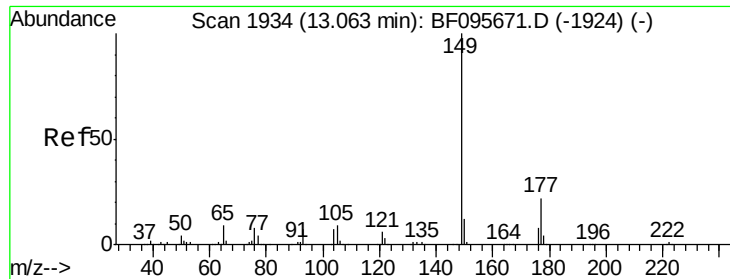
Tgt Ion:166 Resp: 450015
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.8 118.2
 167 12.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.95 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion:232 Resp: 92776
 Ion Ratio Lower Upper
 232 100
 131 49.6 44.8 67.2
 130 2.2 2.3 3.5#
 166 32.4 29.0 43.4

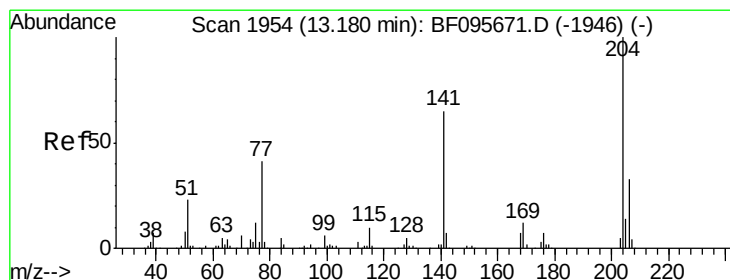
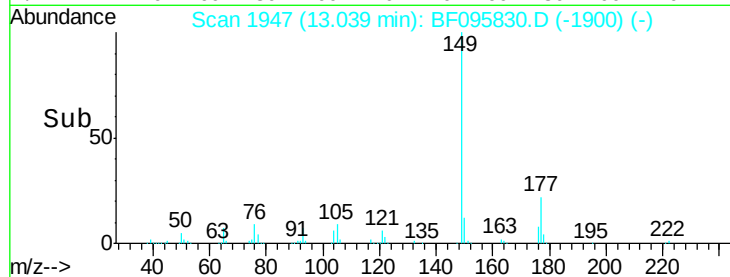
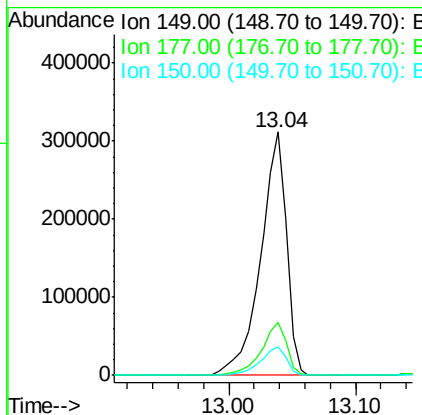
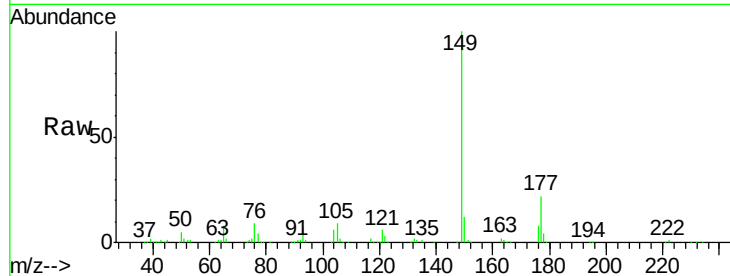




#59
Diethylphthalate
Concen: 51.90 ng
RT: 13.04 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

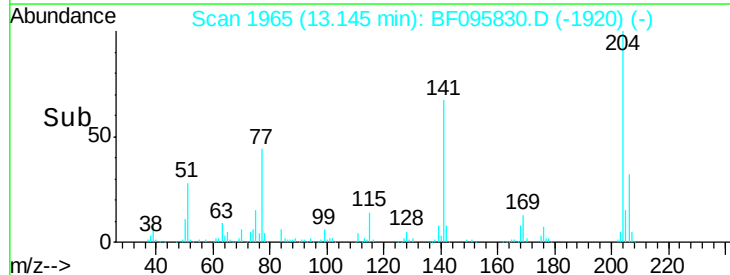
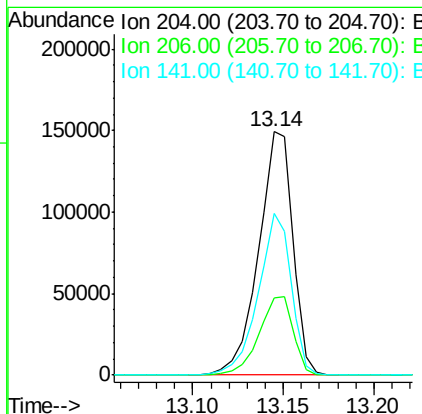
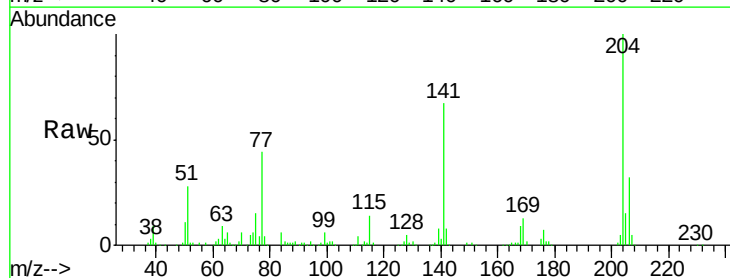
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

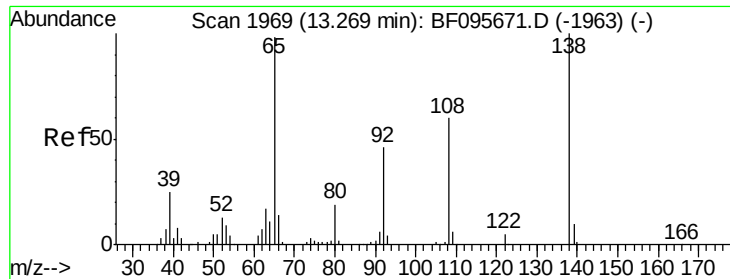
Tgt Ion:149 Resp: 441171
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 11.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 49.60 ng
RT: 13.14 min Scan# 1965
Delta R.T. -0.04 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion:204 Resp: 195447
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 66.5 60.8 91.2

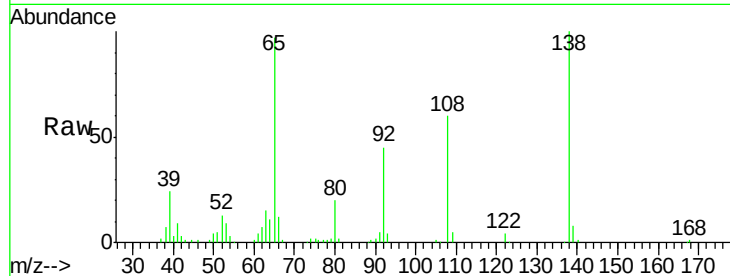




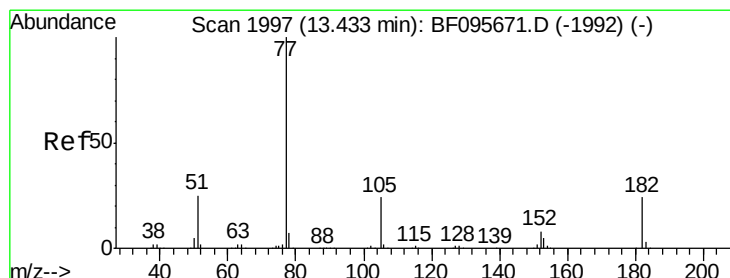
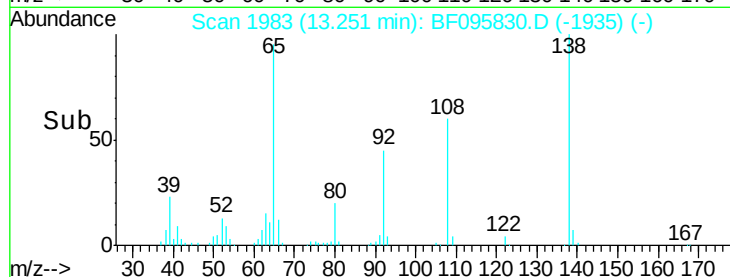
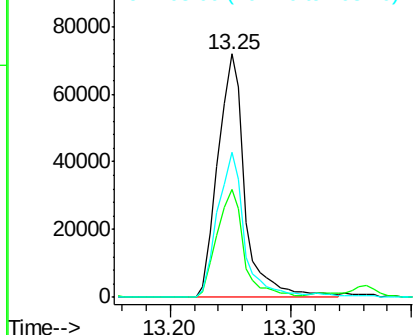
#61
4-Nitroaniline
Concen: 53.29 ng
RT: 13.25 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

Tgt Ion:138 Resp: 111681
Ion Ratio Lower Upper
138 100
92 44.6 21.8 61.8
108 59.6 42.3 82.3

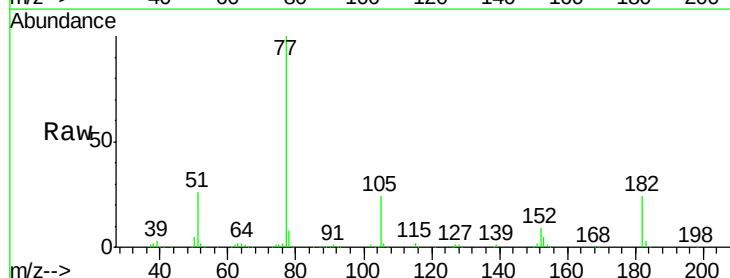


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

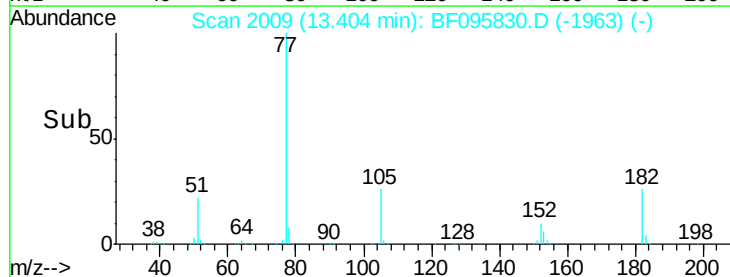
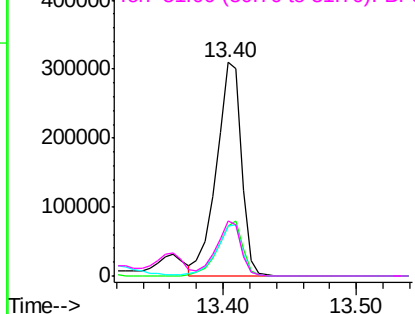


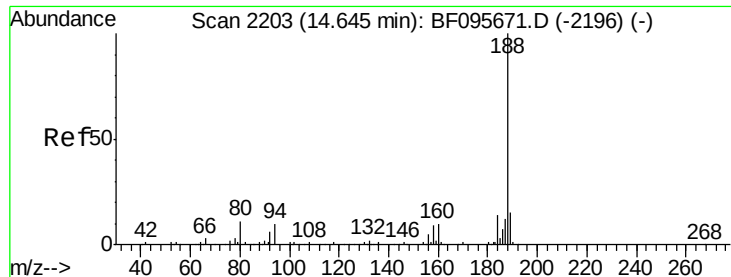
#62
Azobenzene
Concen: 53.21 ng
RT: 13.40 min Scan# 2009
Delta R.T. -0.03 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion: 77 Resp: 409906
Ion Ratio Lower Upper
77 100
182 23.6 0.1 40.1
105 23.6 3.6 43.6
51 25.7 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2215

Delta R.T. -0.03 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

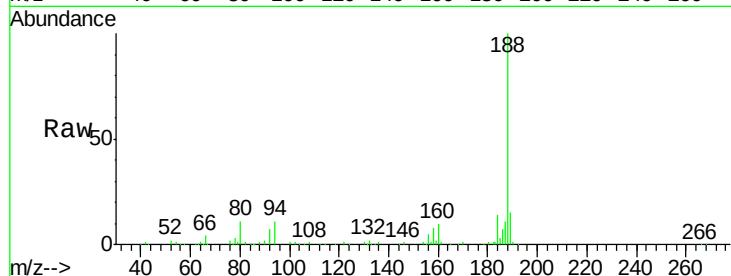
Tgt Ion:188 Resp: 210047

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

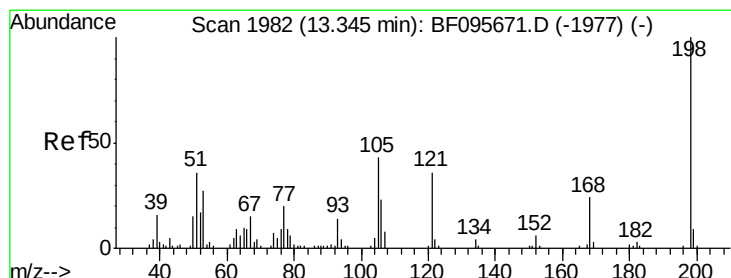
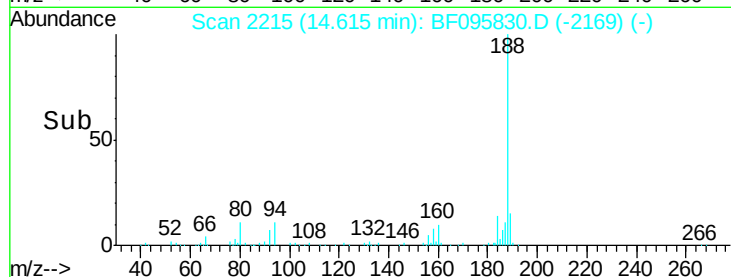
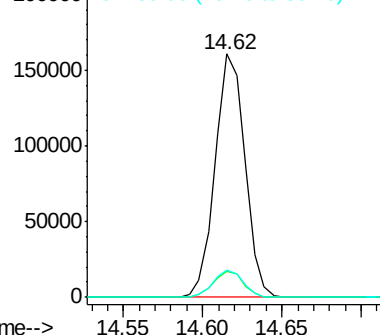
80 11.4 10.2 15.2



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: 41.50 ng

RT: 13.33 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

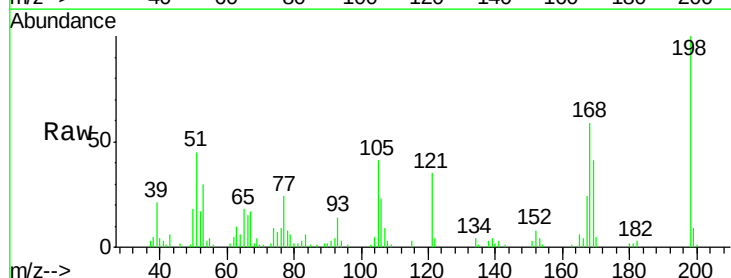
Tgt Ion:198 Resp: 57291

Ion Ratio Lower Upper

198 100

51 44.8 53.2 93.2#

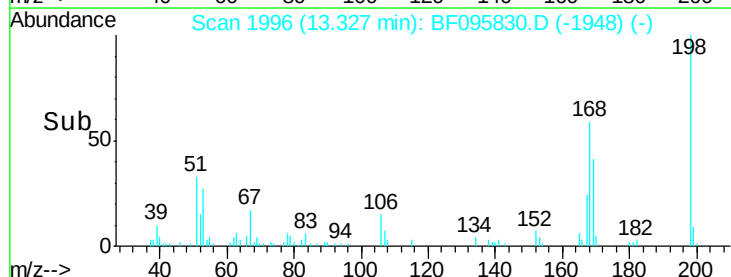
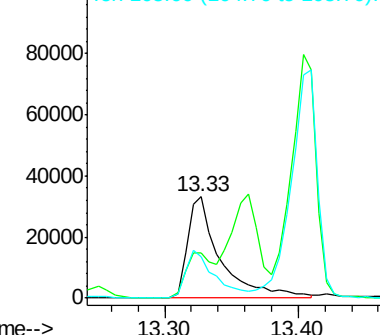
105 41.4 45.8 85.8#

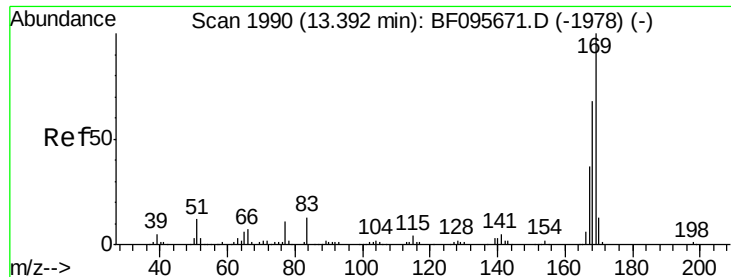


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

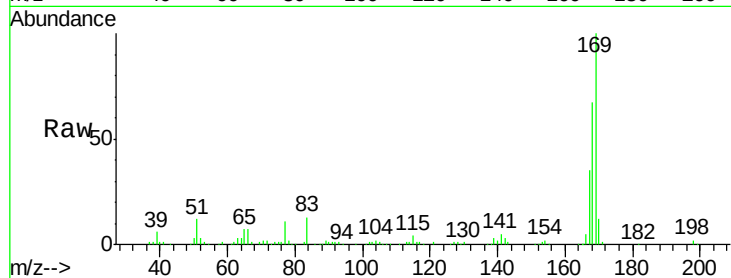




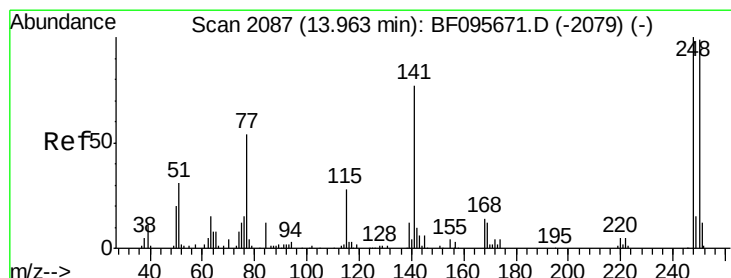
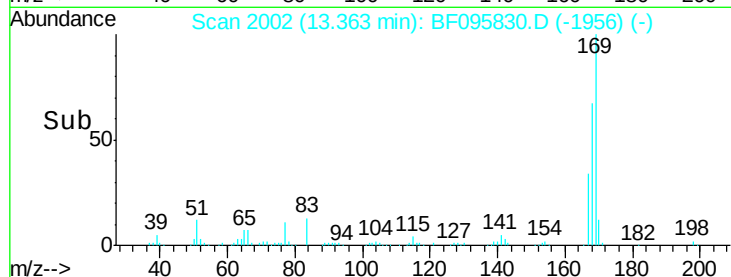
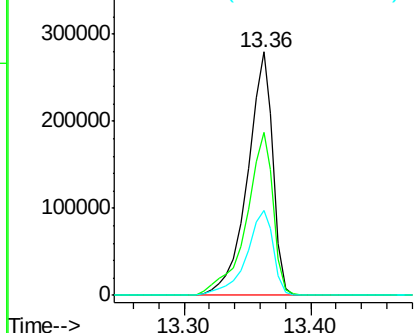
#65
n-Nitrosodiphenylamine
Concen: 51.56 ng
RT: 13.36 min Scan# 2002
Delta R.T. -0.03 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

Tgt Ion:169 Resp: 389164
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 35.1 29.5 44.3

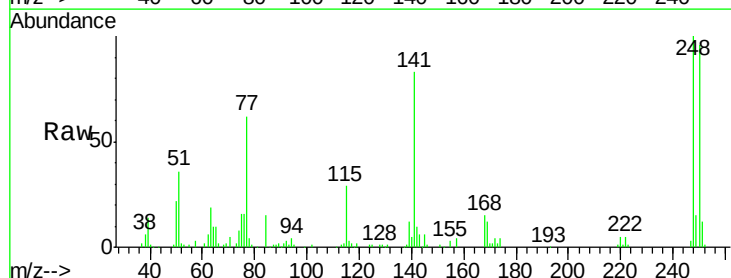


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

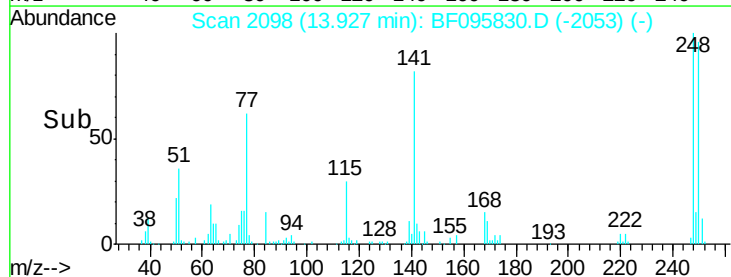
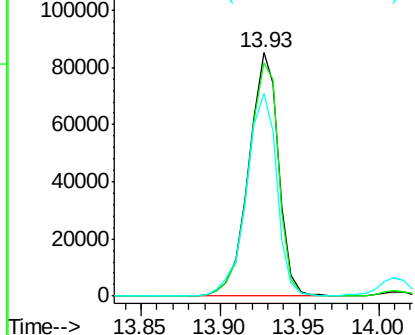


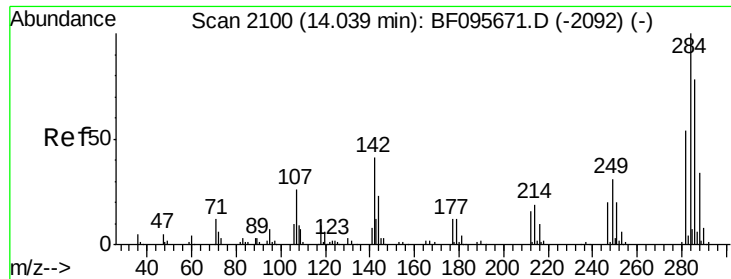
#66
4-Bromophenyl-phenylether
Concen: 51.04 ng
RT: 13.93 min Scan# 2098
Delta R.T. -0.04 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion:248 Resp: 111421
Ion Ratio Lower Upper
248 100
250 96.1 76.8 115.2
141 83.1 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 51.92 ng

RT: 14.02 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

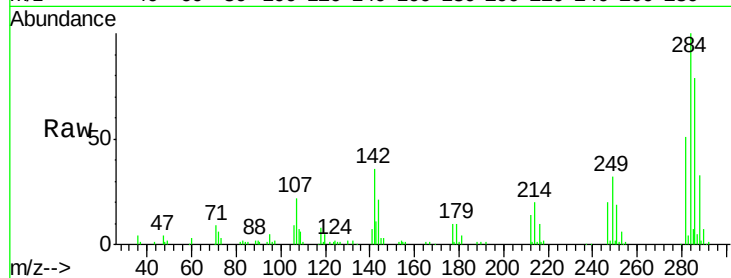
Tgt Ion:284 Resp: 111682

Ion Ratio Lower Upper

284 100

142 35.9 22.8 34.2#

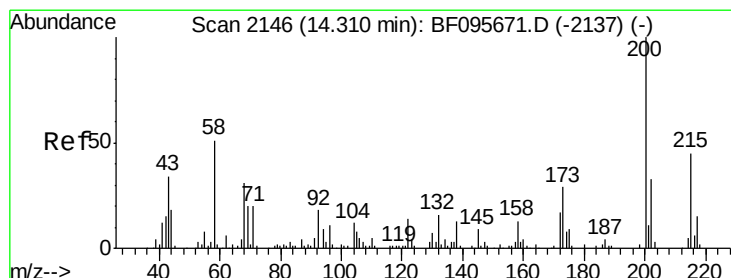
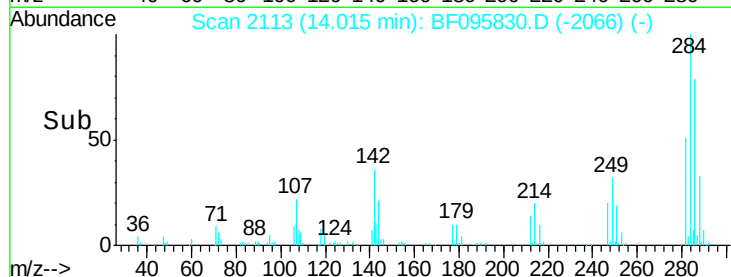
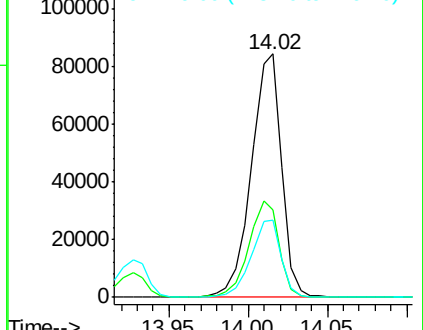
249 31.8 24.0 36.0



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: 53.41 ng

RT: 14.29 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

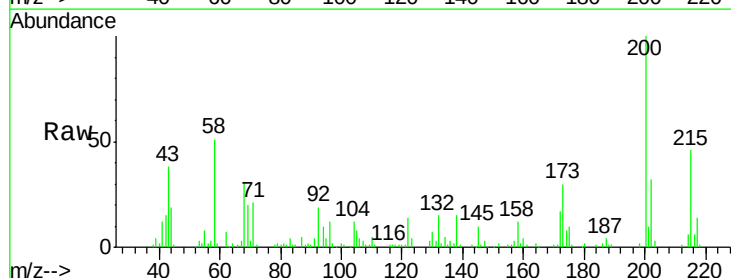
Tgt Ion:200 Resp: 112184

Ion Ratio Lower Upper

200 100

173 30.0 6.3 46.3

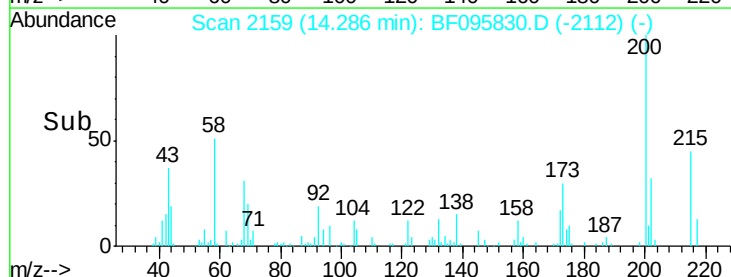
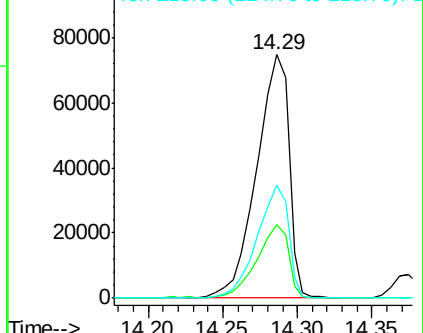
215 46.5 27.2 67.2

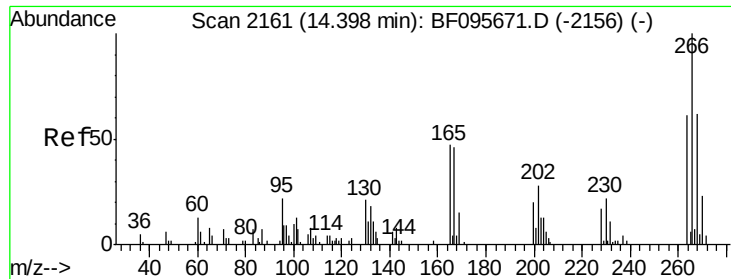


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

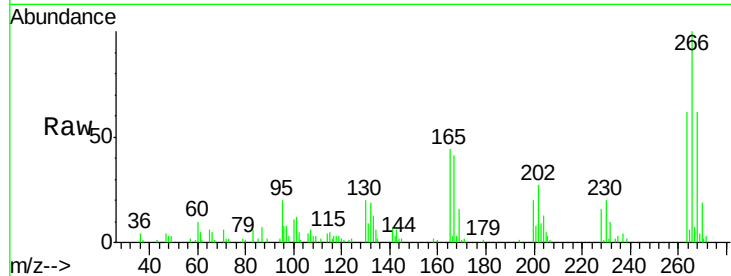




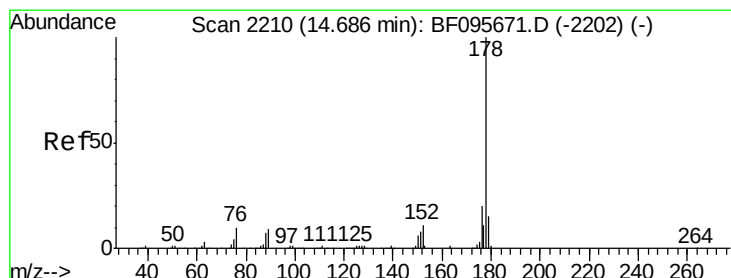
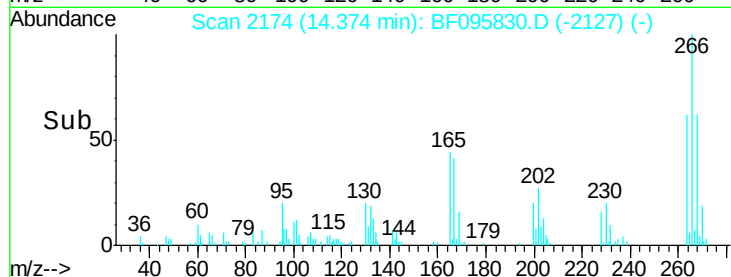
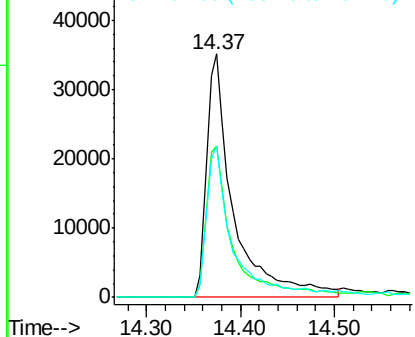
#69
 Pentachlorophenol
 Concen: 85.73 ng
 RT: 14.37 min Scan# 2174
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

Tgt Ion:266 Resp: 70346
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 62.3 51.7 77.5

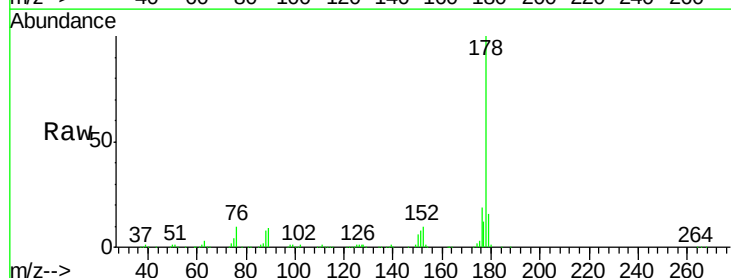


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

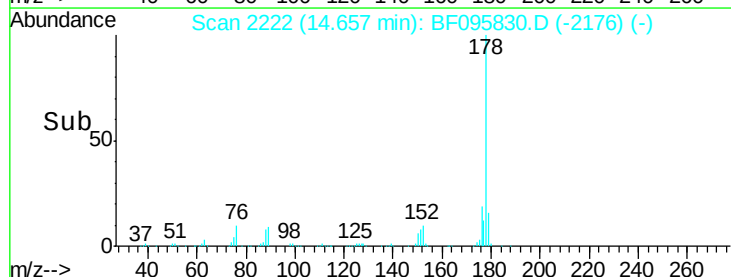
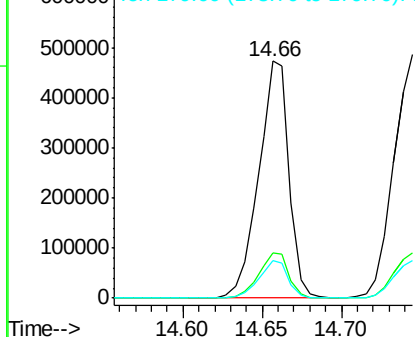


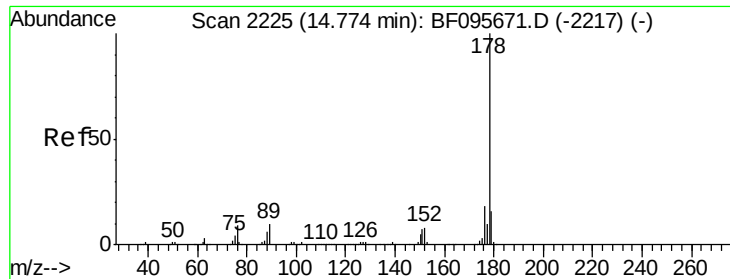
#70
 Phenanthrene
 Concen: 51.94 ng
 RT: 14.66 min Scan# 2222
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion:178 Resp: 629452
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

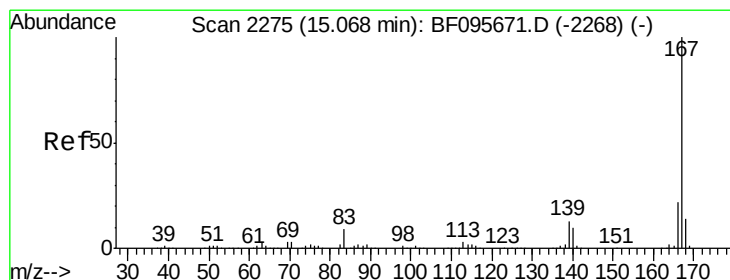
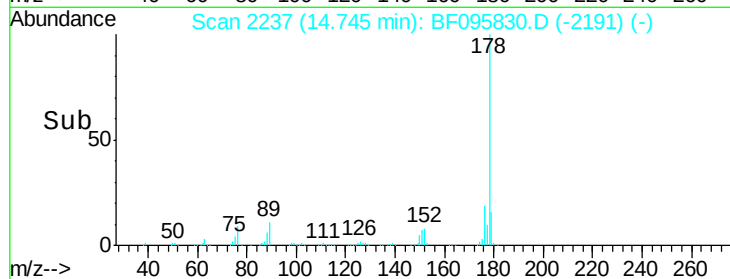
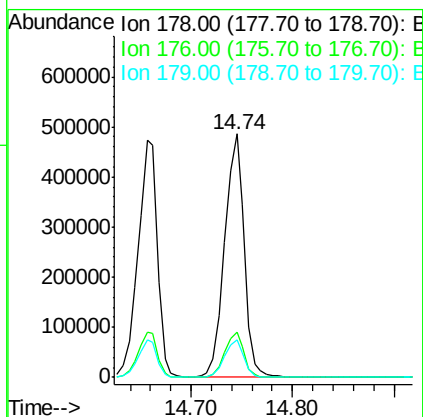
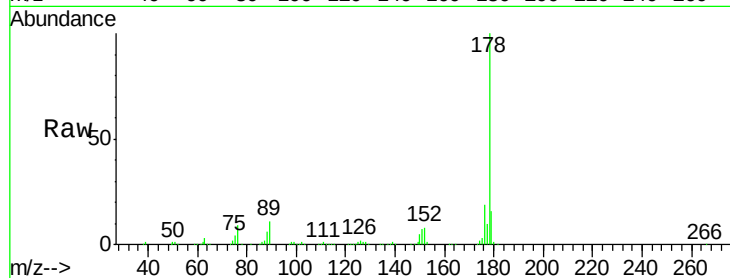




#71
 Anthracene
 Concen: 51.54 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

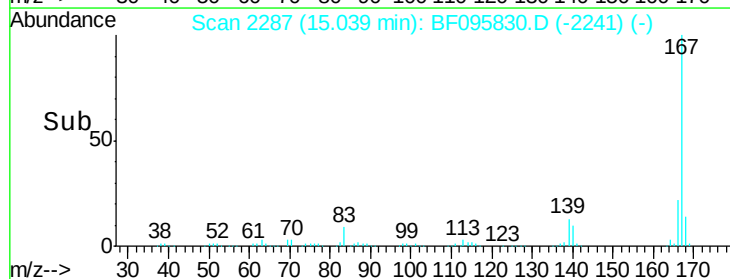
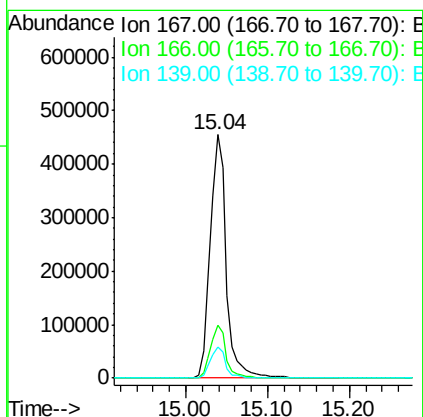
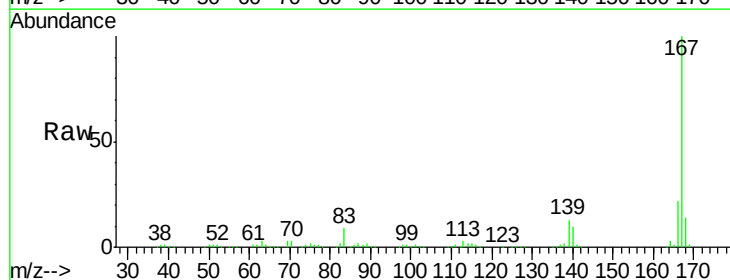
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

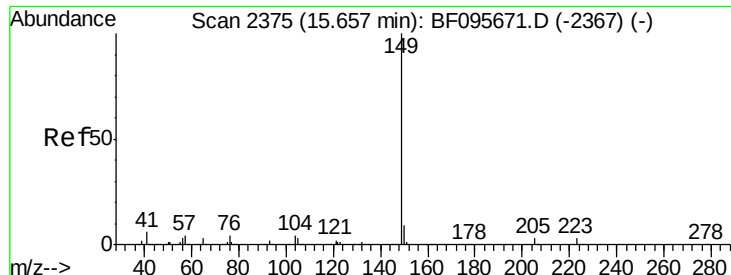
Tgt Ion:178 Resp: 652155
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 50.21 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion:167 Resp: 619076
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.9 11.7 17.5

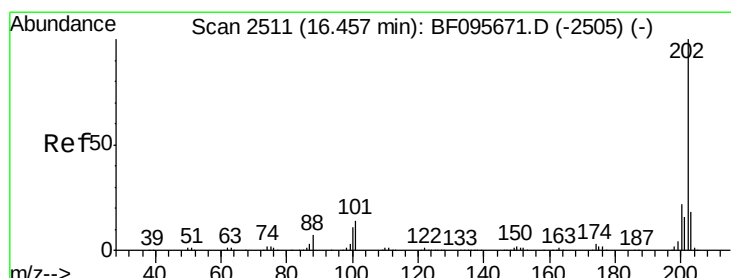
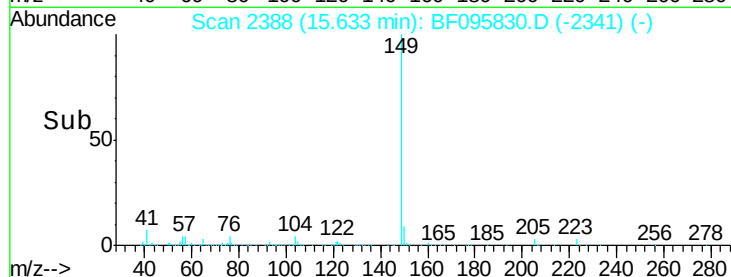
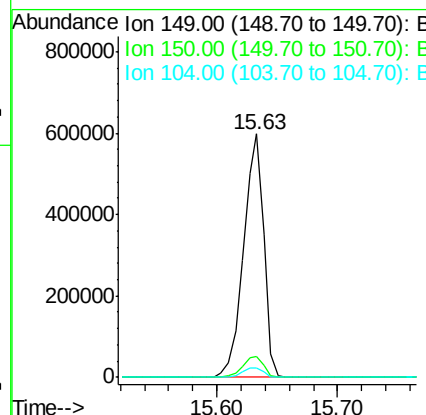
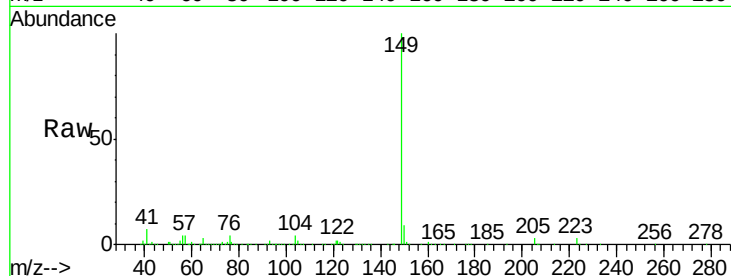




#73
Di-n-butylphthalate
Concen: 53.00 ng
RT: 15.63 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

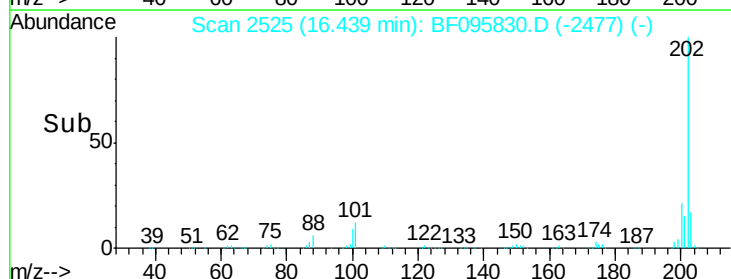
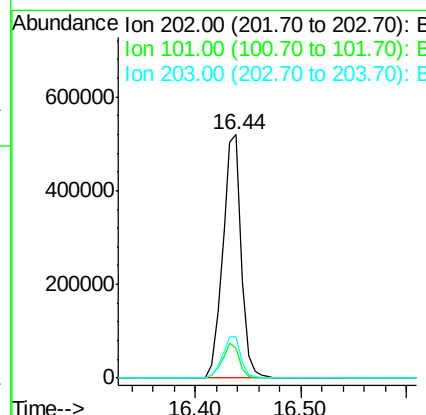
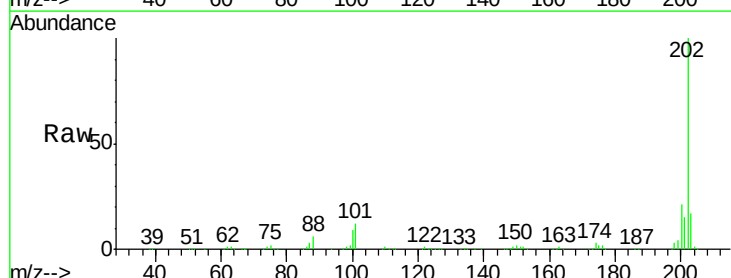
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

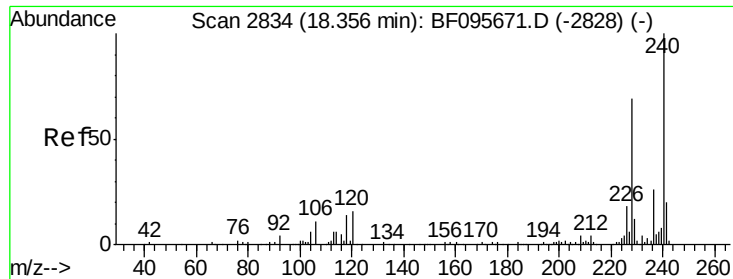
Tgt Ion:149 Resp: 695298
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 53.12 ng
RT: 16.44 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion:202 Resp: 637153
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.2 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: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

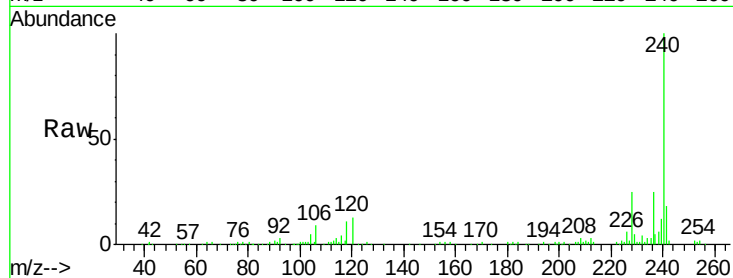
Tgt Ion:240 Resp: 158100

Ion Ratio Lower Upper

240 100

120 12.6 5.8 8.8#

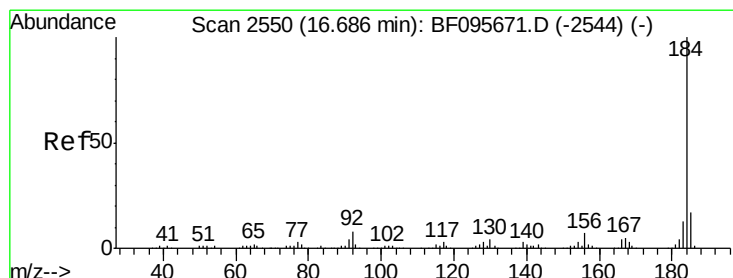
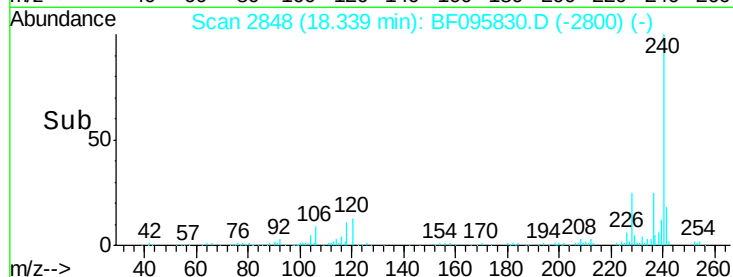
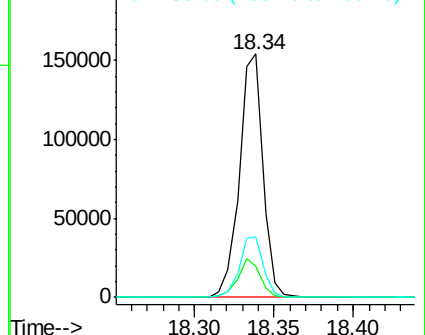
236 24.8 20.5 30.7



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: 45.87 ng

RT: 16.66 min Scan# 2563

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

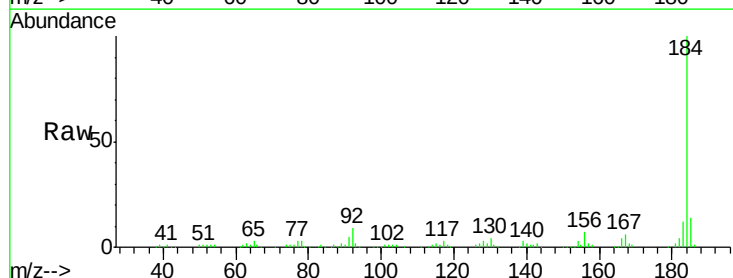
Tgt Ion:184 Resp: 278540

Ion Ratio Lower Upper

184 100

185 13.8 15.5 23.3#

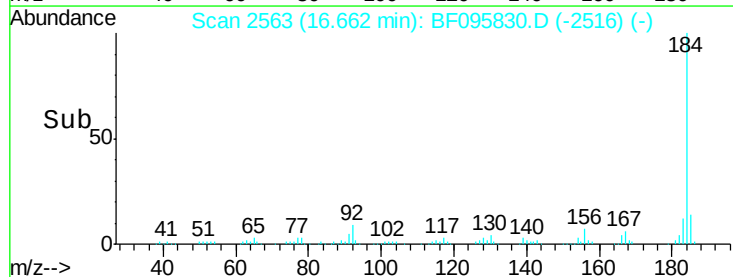
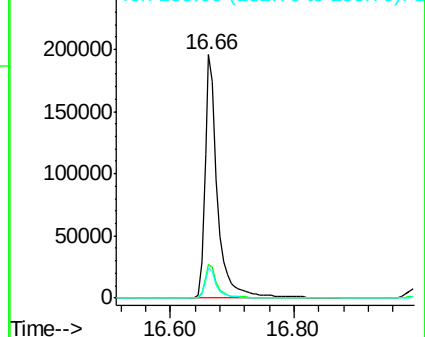
183 12.4 9.8 14.6

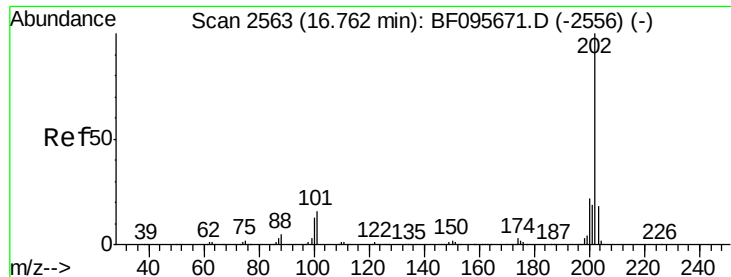


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 54.90 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

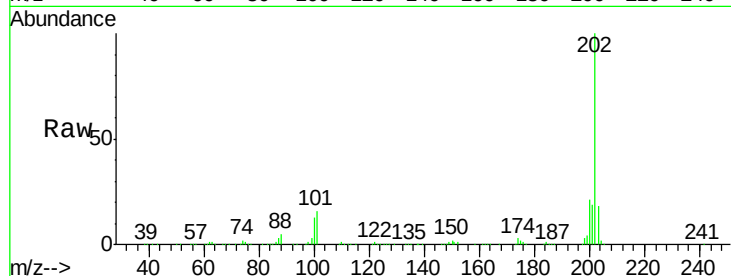
Tgt Ion:202 Resp: 647671

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

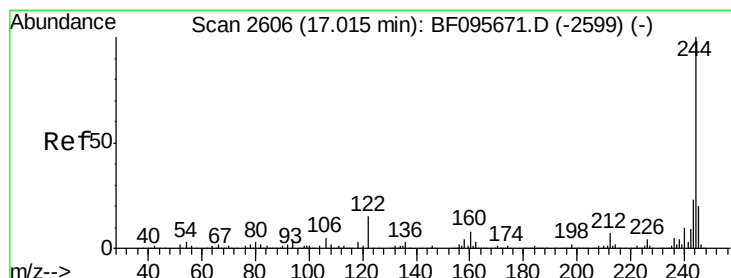
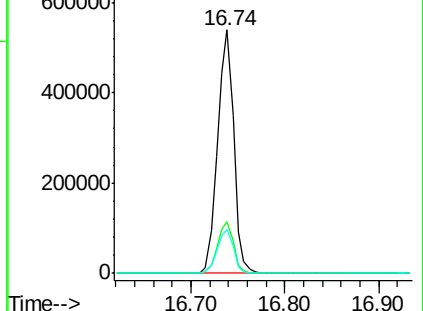
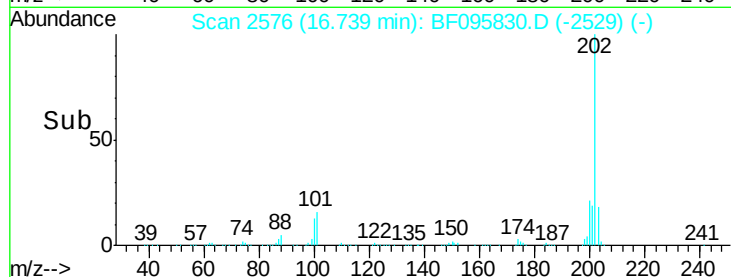
203 18.2 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 111.72 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

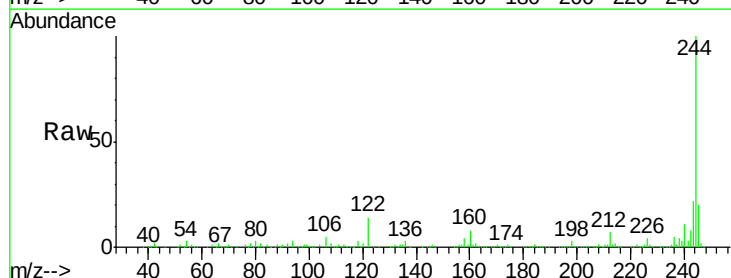
Tgt Ion:244 Resp: 711738

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

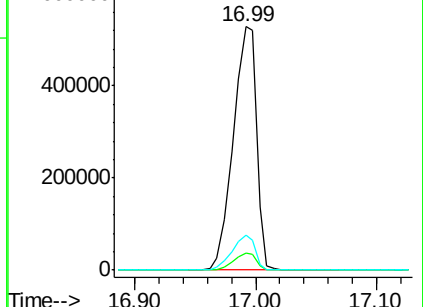
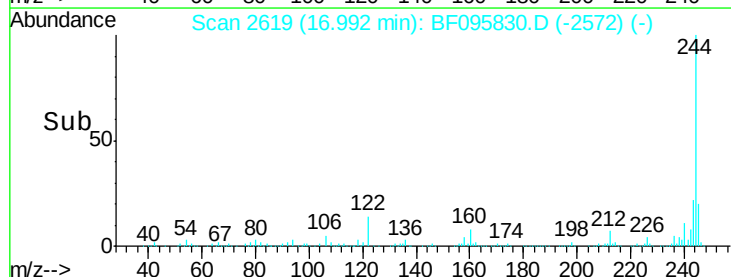
122 14.4 10.3 15.5

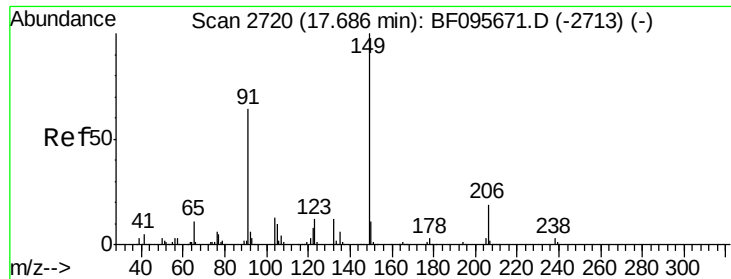


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 56.98 ng

RT: 17.66 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS

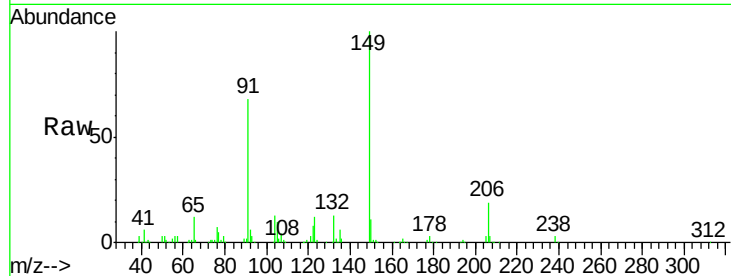
Tgt Ion:149 Resp: 293574

Ion Ratio Lower Upper

149 100

91 67.6 45.0 67.4#

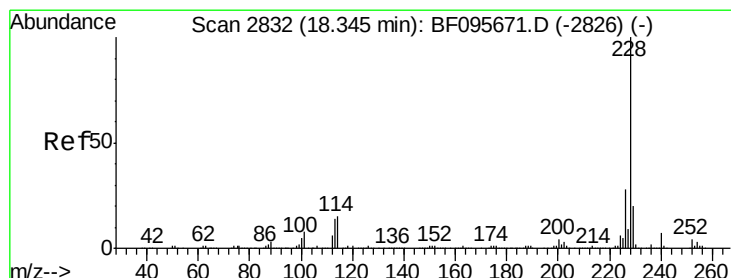
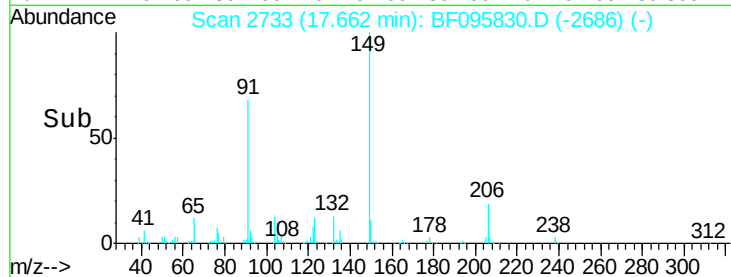
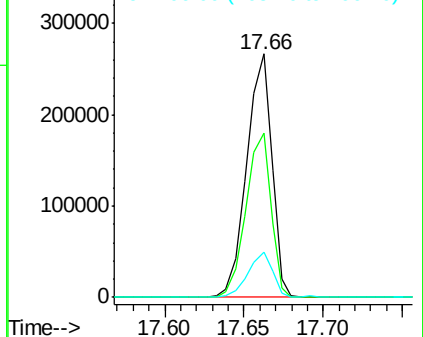
206 18.5 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 52.52 ng

RT: 18.33 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095830.D

Acq: 9 Jun 2017 19:53

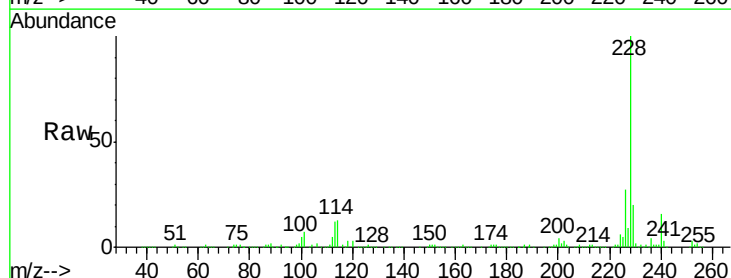
Tgt Ion:228 Resp: 482723

Ion Ratio Lower Upper

228 100

226 26.7 22.6 33.8

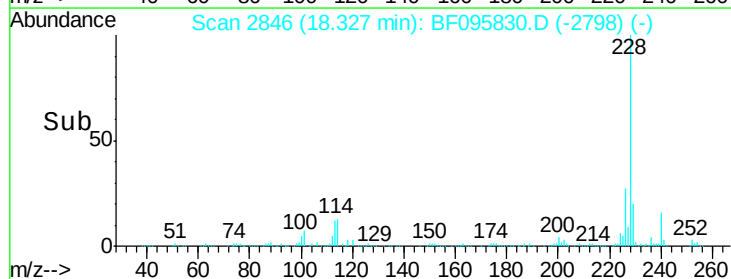
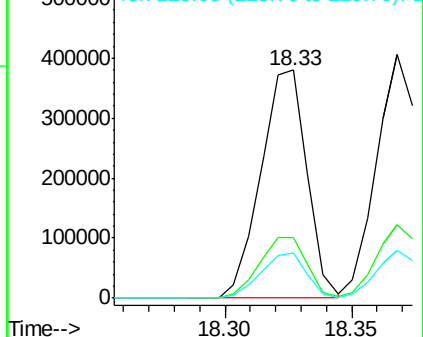
229 20.1 16.3 24.5

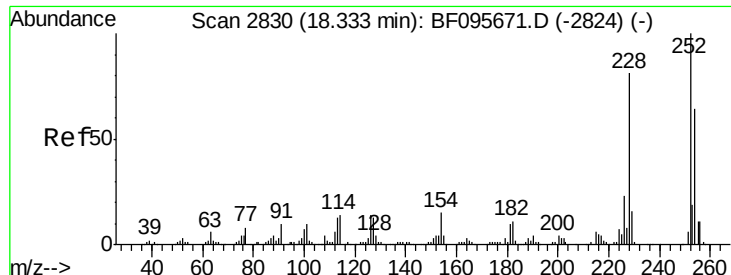


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

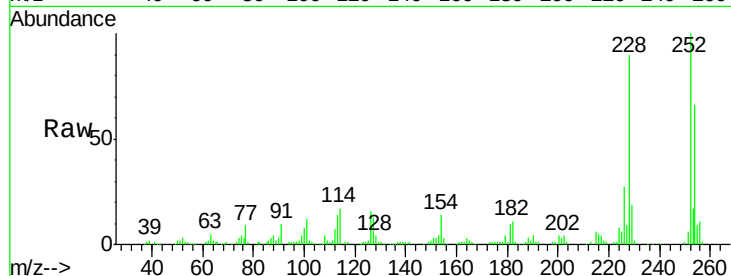




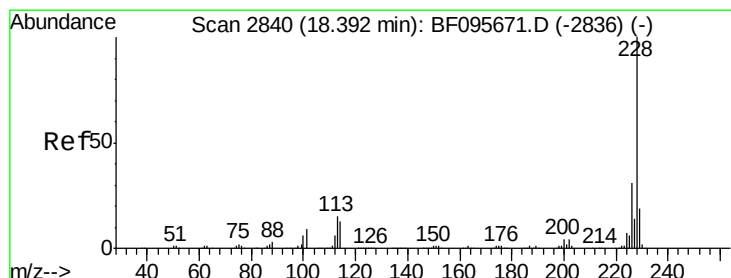
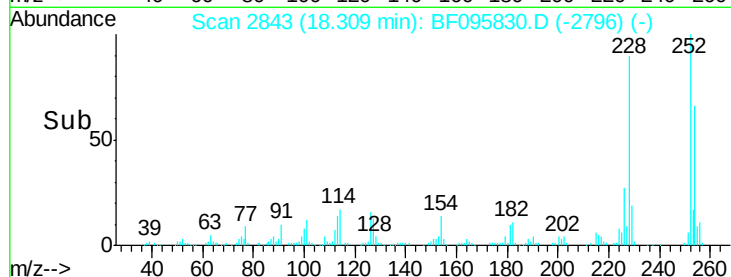
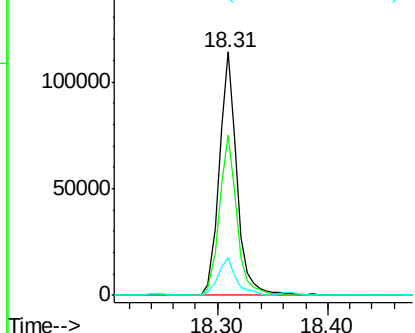
#81
 3,3'-Dichlorobenzidine
 Concen: 38.72 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.5	77.3
126	15.5	15.8	23.8#

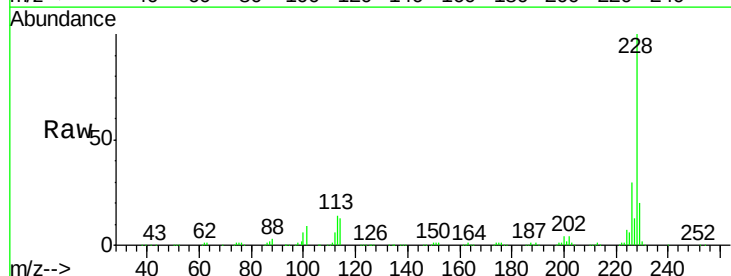


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

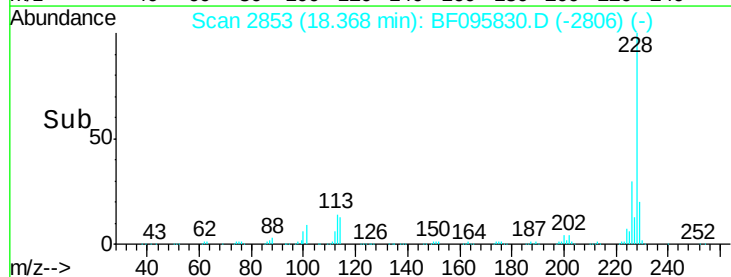
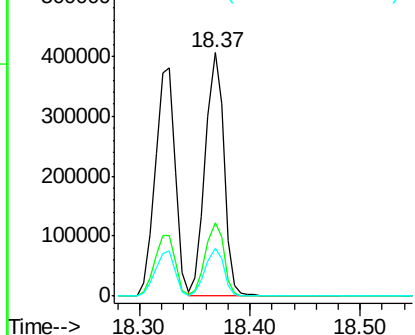


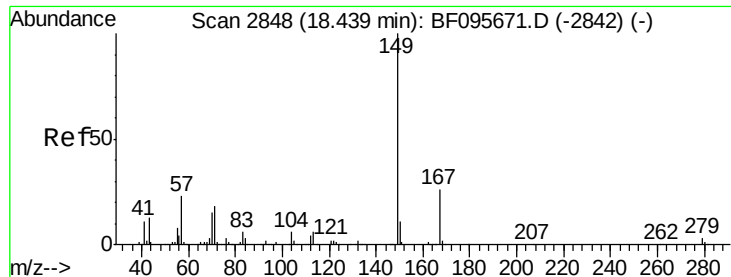
#82
 Chrysene
 Concen: 50.66 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.8	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

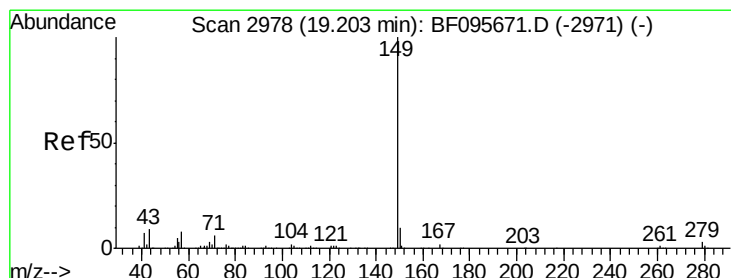
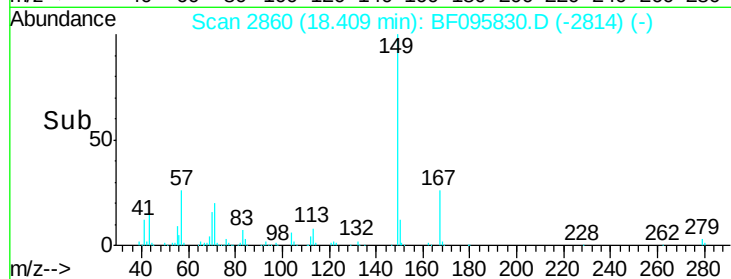
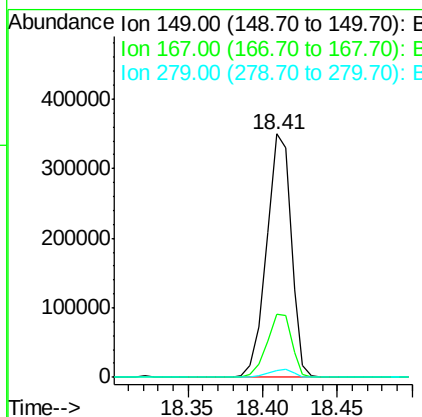
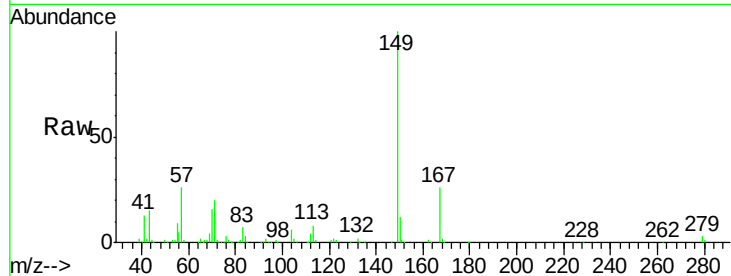




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.89 ng
 RT: 18.41 min Scan# 2860
 Delta R.T. -0.03 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

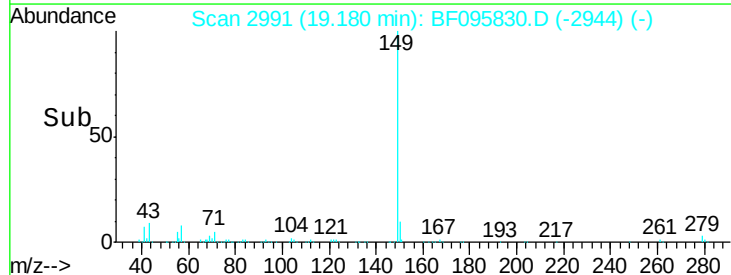
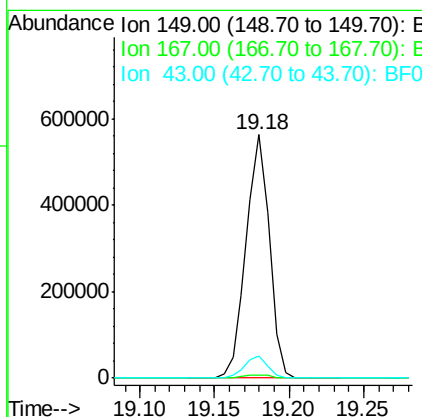
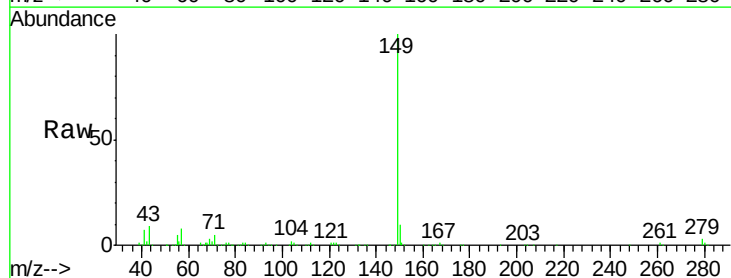
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

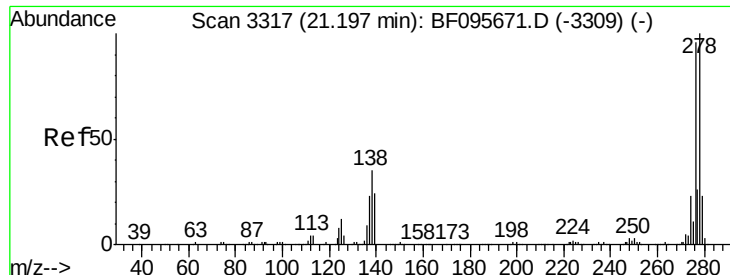
Tgt Ion:149 Resp: 398919
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 50.92 ng
 RT: 19.18 min Scan# 2991
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion:149 Resp: 609774
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 8.5 12.7

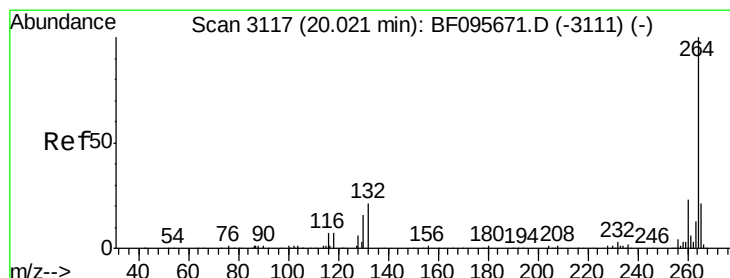
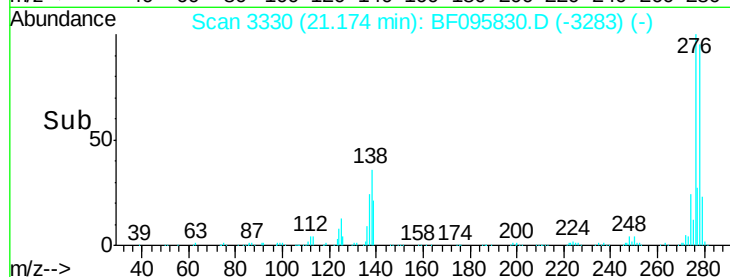
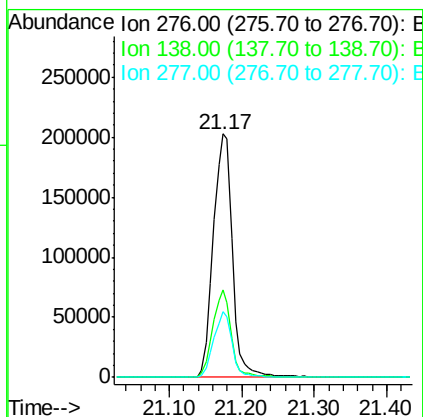
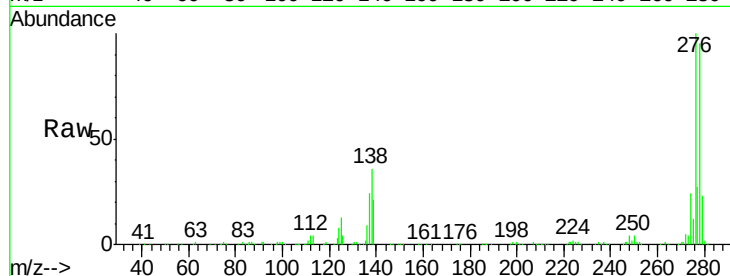




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.34 ng
 RT: 21.17 min Scan# 3330
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

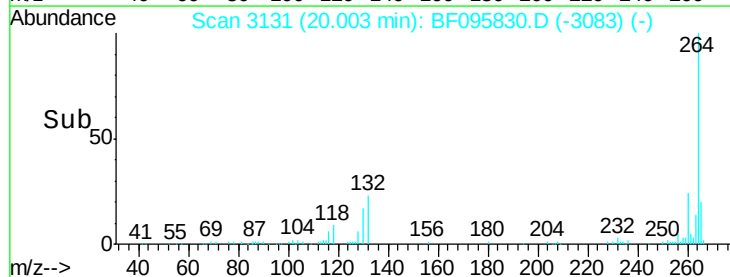
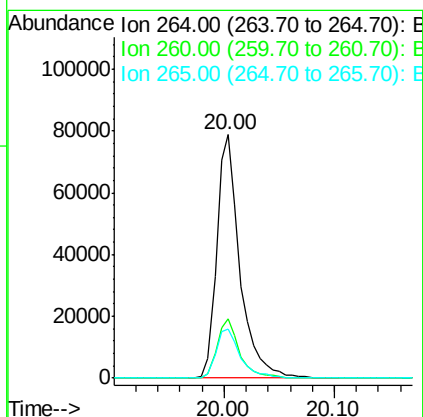
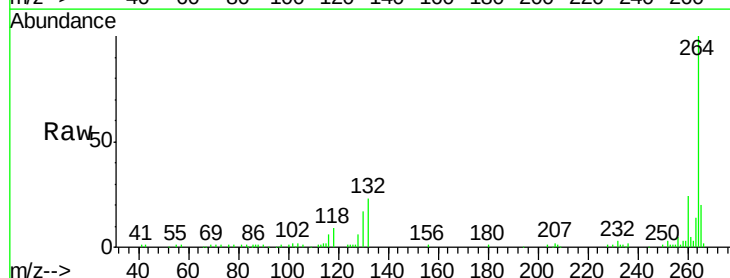
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-10)MS

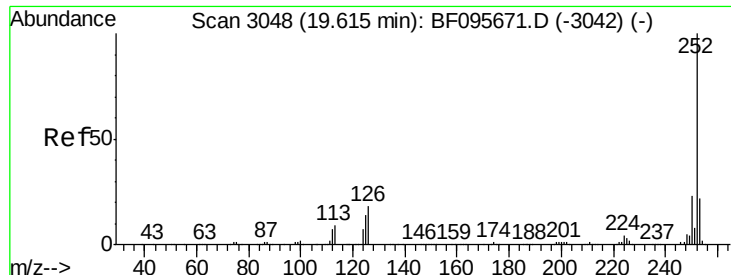
Tgt Ion: 276 Resp: 372103
 Ion Ratio Lower Upper
 276 100
 138 34.4 27.8 41.6
 277 25.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095830.D
 Acq: 9 Jun 2017 19:53

Tgt Ion: 264 Resp: 114103
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.2 17.2 25.8

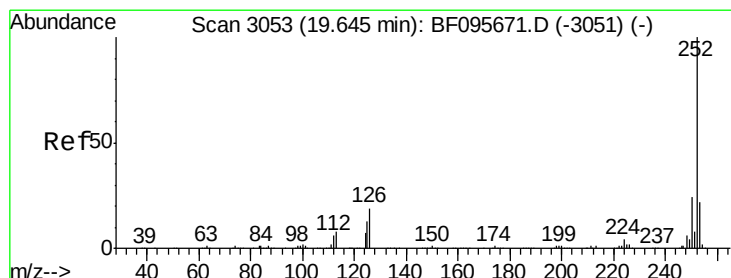
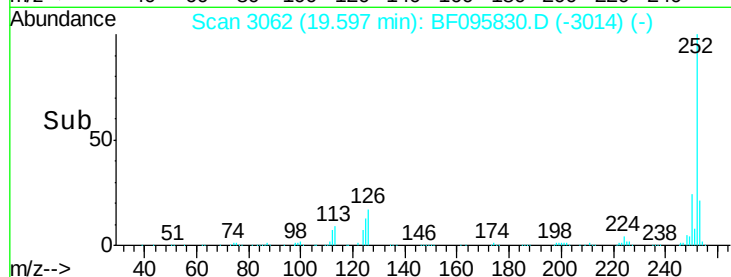
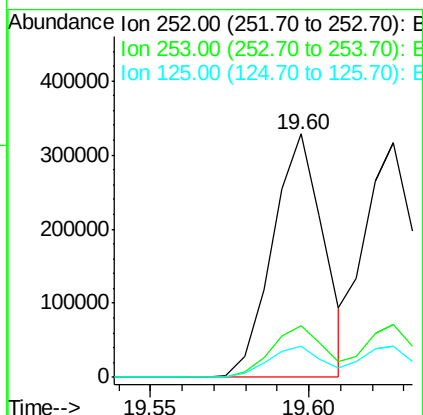
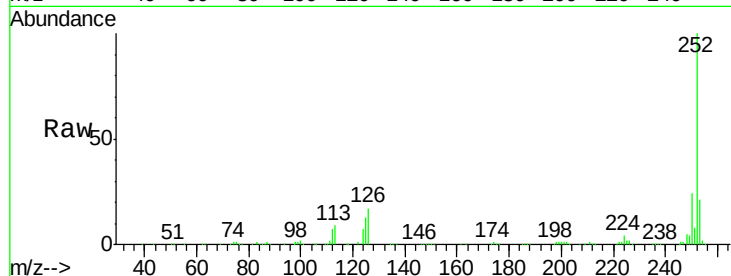




#87
Benzo(b)fluoranthene
Concen: 51.50 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

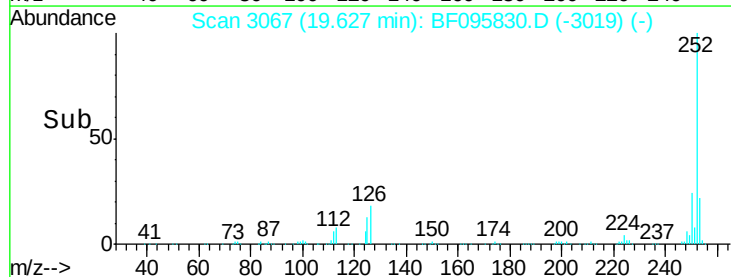
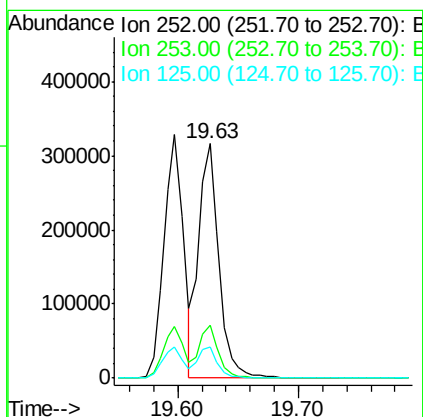
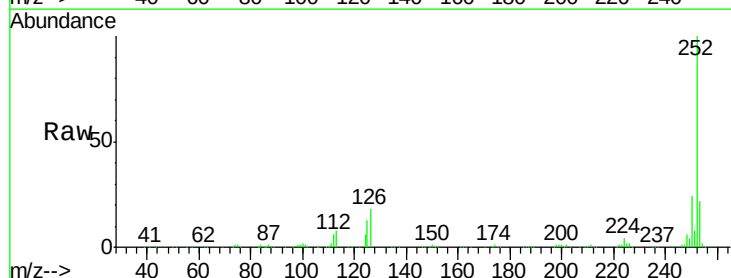
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

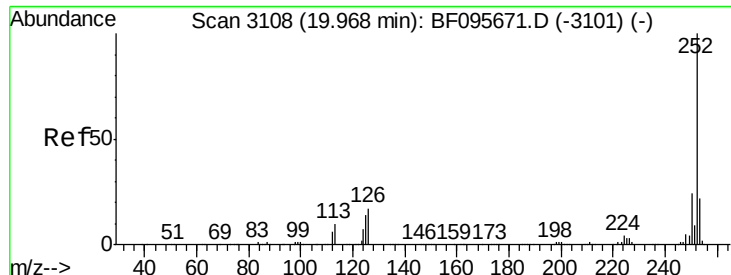
Tgt Ion:252 Resp: 367965
Ion Ratio Lower Upper
252 100
253 21.0 18.1 27.1
125 13.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 53.74 ng
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion:252 Resp: 367019
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 13.2 13.1 19.7

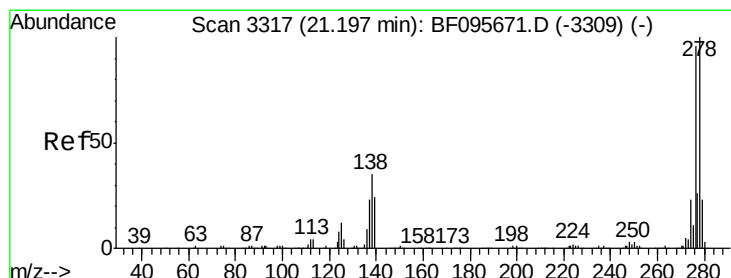
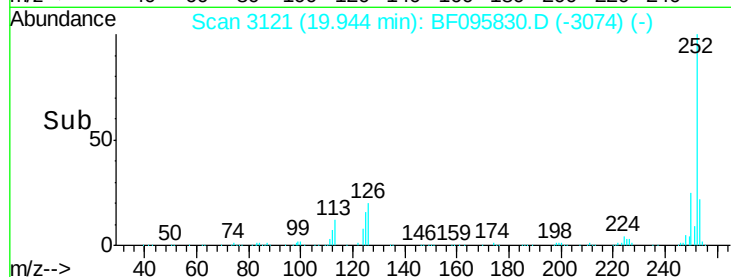
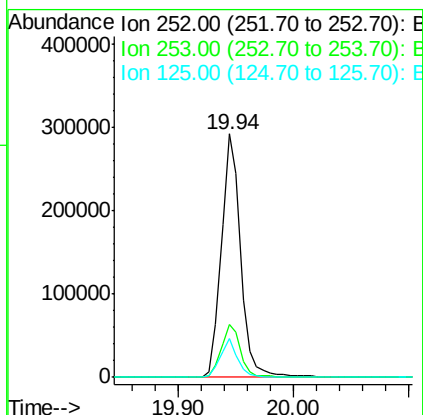
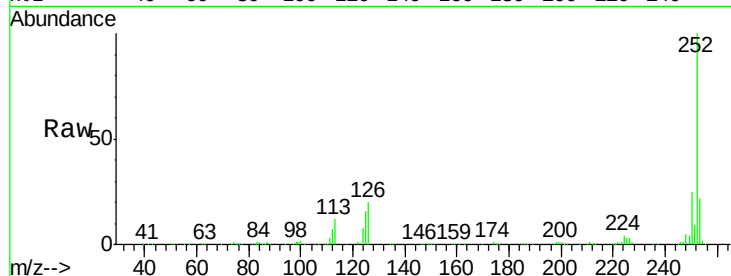




#89
Benzo(a)pyrene
Concen: 51.66 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

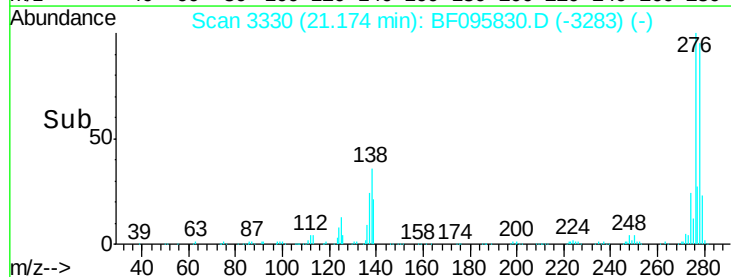
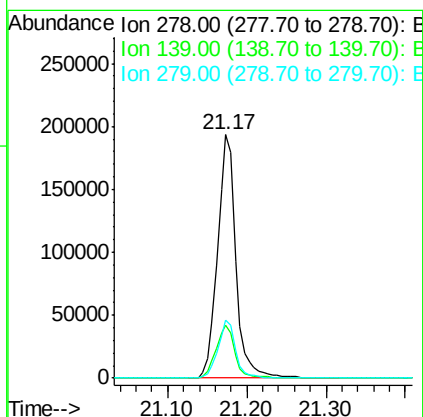
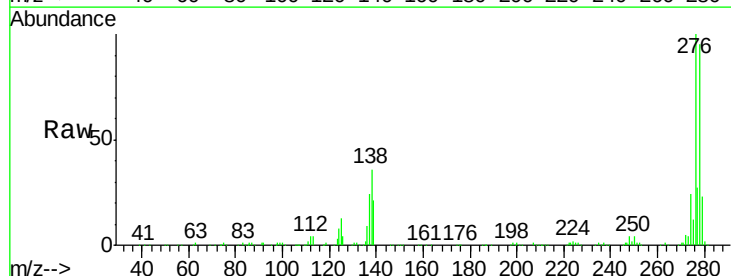
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-10)MS

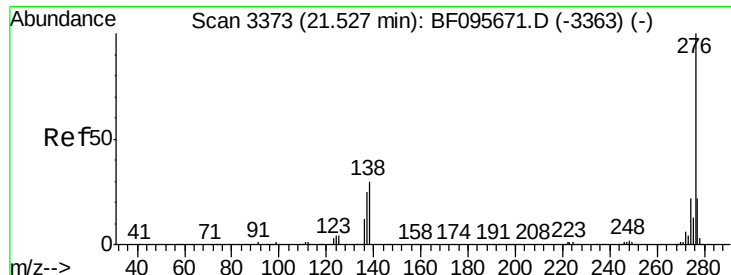
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	15.8	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 55.58 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095830.D
Acq: 9 Jun 2017 19:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.6	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 57.40 ng

RT: 21.50 min Scan# 3386

Delta R.T. -0.02 min

Lab File: BF095830.D

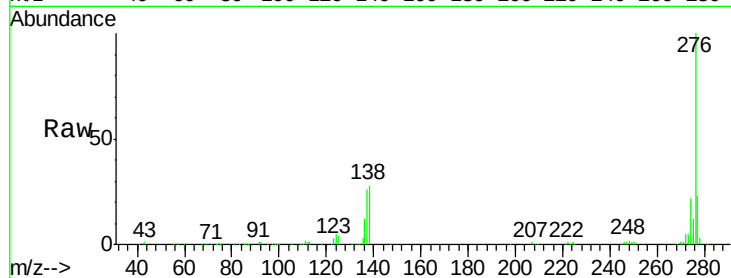
Acq: 9 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-10)MS



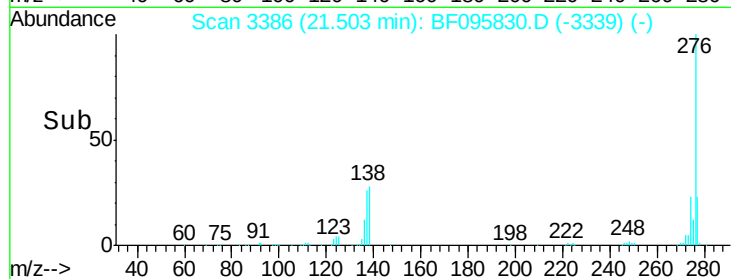
Tgt Ion: 276 Resp: 325999

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 28.4 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

