

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095122.D
 Acq On : 12 May 2017 20:39
 Operator : SJ/MA
 Sample : SSTDC0040EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 00:55:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	126413	20.00	ng	-0.04
21) Naphthalene-d8	9.72	136	534867	20.00	ng	-0.04
38) Acenaphthene-d10	12.55	164	252865	20.00	ng	-0.04
63) Phenanthrene-d10	14.95	188	456783	20.00	ng	-0.03
75) Chrysene-d12	18.63	240	368481	20.00	ng	-0.02
86) Perylene-d12	20.29	264	303972	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	633052	83.49	ng	-0.04
7) Phenol-d6	7.25	99	748024	82.22	ng	-0.02
23) Nitrobenzene-d5	8.61	82	683205	80.55	ng	-0.02
41) 2,4,6-Tribromophenol	13.85	330	163848	79.12	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	1270772	72.33	ng	-0.03
78) Terphenyl-d14	17.28	244	1214243	72.58	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.02	88	149977	40.33	ng	93
3) Pyridine	2.69	79	341840	39.66	ng	97
4) n-Nitrosodimethylamine	2.62	42	133386	37.13	ng	86
6) Aniline	7.20	93	489980	42.66	ng	97
8) 2-Chlorophenol	7.39	128	365162	42.31	ng	98
9) Benzaldehyde	7.01	77	199603	35.93	ng	94
10) Phenol	7.27	94	433672	45.24	ng	90
11) bis(2-Chloroethyl)ether	7.34	93	319674	40.39	ng	95
12) 1,3-Dichlorobenzene	7.60	146	394905	40.34	ng	96
13) 1,4-Dichlorobenzene	7.72	146	409874	41.28	ng	96
14) 1,2-Dichlorobenzene	7.96	146	368447	39.76	ng	96
15) Benzyl Alcohol	8.00	79	268998	45.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	444592	39.69	ng	95
17) 2-Methylphenol	8.21	107	304932	43.18	ng	97
18) Hexachloroethane	8.48	117	132883	39.51	ng	91
19) n-Nitroso-di-n-propylamine	8.42	70	254337	41.34	ng	95
20) 3+4-Methylphenols	8.46	107	396255	41.29	ng	# 58
22) Acetophenone	8.38	105	512480	39.93	ng	# 85
24) Nitrobenzene	8.64	77	359646	40.45	ng	95
25) Isophorone	9.04	82	621067	41.01	ng	95
26) 2-Nitrophenol	9.14	139	196961	41.06	ng	98
27) 2,4-Dimethylphenol	9.28	122	316709	40.83	ng	97
28) bis(2-Chloroethoxy)methane	9.40	93	414364	39.55	ng	100
29) 2,4-Dichlorophenol	9.57	162	307013	41.92	ng	97
30) 1,2,4-Trichlorobenzene	9.65	180	311783	39.74	ng	99
31) Naphthalene	9.75	128	1052499	39.15	ng	100
32) Benzoic acid	9.61	122	113926	25.08	ng	97
33) 4-Chloroaniline	9.90	127	435567	43.48	ng	# 92
34) Hexachlorobutadiene	9.97	225	161787	39.08	ng	98
35) Caprolactam	10.55	113	69260	31.49	ng	89
36) 4-Chloro-3-methylphenol	10.76	107	301052	38.45	ng	89
37) 2-Methylnaphthalene	10.88	142	659828	37.40	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.16	216	292288	37.59	ng	99
40) Hexachlorocyclopentadiene	11.13	237	108127	36.63	ng	98

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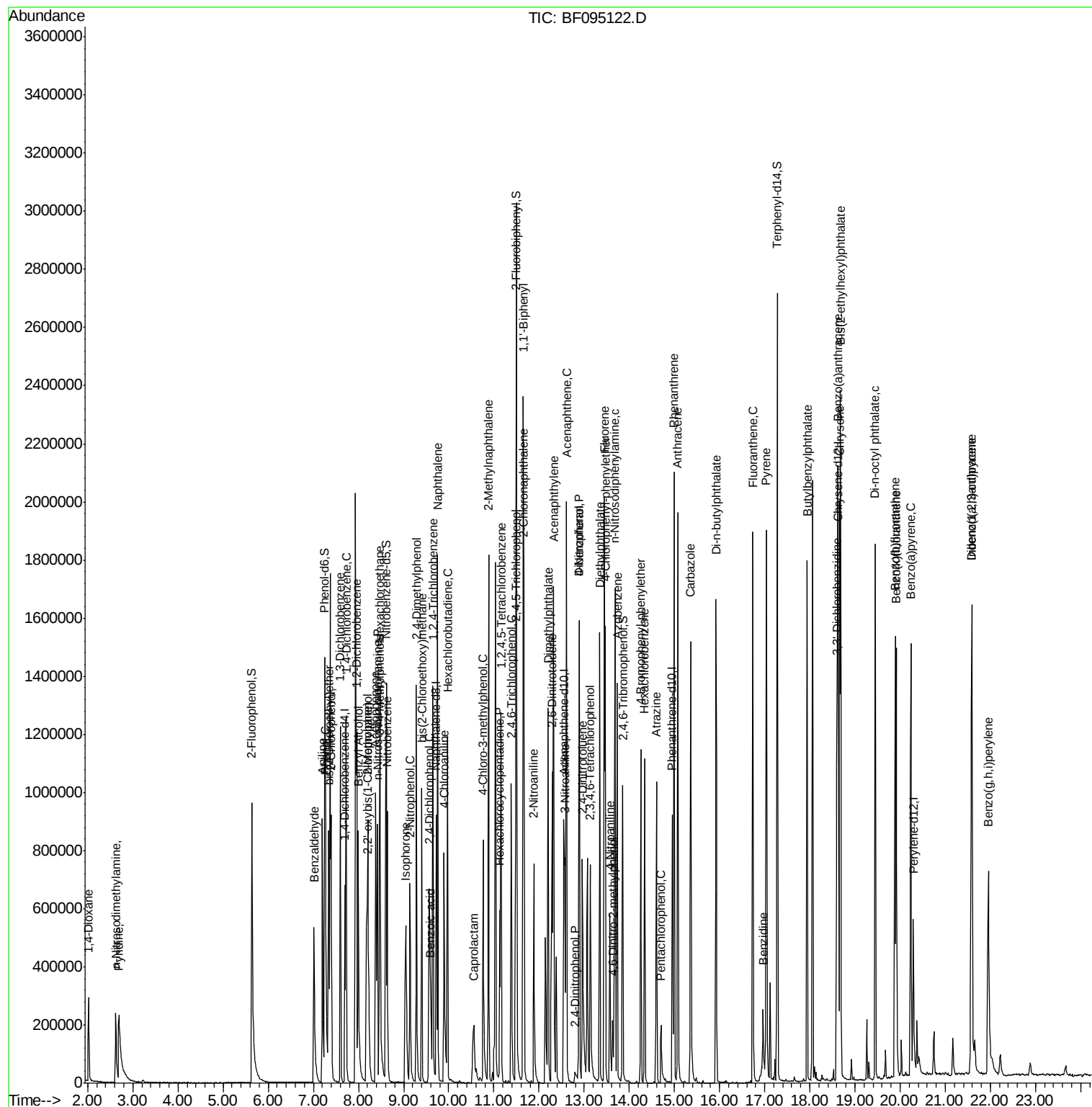
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.38	196	202315	38.97	nq	98
43) 2,4,5-Trichlorophenol	11.48	196	202698	36.32	nq	93
45) 1,1'-Biphenyl	11.65	154	819501	38.49	nq	98
46) 2-Chloronaphthalene	11.67	162	657689	38.26	nq	95
47) 2-Nitroaniline	11.88	65	195484	41.55	nq	# 82
48) Acenaphthylene	12.32	152	1035616	38.46	nq	98
49) Dimethylphthalate	12.20	163	804555	38.76	nq	99
50) 2,6-Dinitrotoluene	12.29	165	172617	40.76	nq	96
51) Acenaphthene	12.61	154	582259	36.20	nq	98
52) 3-Nitroaniline	12.57	138	196255	43.18	nq	92
53) 2,4-Dinitrophenol	12.79	184	19845	14.09	nq	# 75
54) Dibenzofuran	12.89	168	912473	41.00	nq	100
55) 4-Nitrophenol	12.89	139	339456	124.34	nq	# 27
56) 2,4-Dinitrotoluene	12.96	165	238370	43.80	nq	# 89
57) Fluorene	13.45	166	771310	39.86	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.14	232	143727	40.92	nq	95
59) Diethylphthalate	13.35	149	811406	40.78	nq	99
60) 4-Chlorophenyl-phenylether	13.47	204	344103	40.46	nq	92
61) 4-Nitroaniline	13.57	138	178508	42.78	nq	96
62) Azobenzene	13.73	77	647846	40.52	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	47250	15.43	nq	# 71
65) n-Nitrosodiphenylamine	13.68	169	598714	36.11	nq	100
66) 4-Bromophenyl-phenylether	14.26	248	191221	39.62	nq	95
67) Hexachlorobenzene	14.34	284	193284	39.08	nq	# 88
68) Atrazine	14.61	200	182281	38.94	nq	97
69) Pentachlorophenol	14.70	266	44677	24.38	nq	98
70) Phenanthrene	14.99	178	1052898	40.12	nq	98
71) Anthracene	15.08	178	1093983	40.81	nq	98
72) Carbazole	15.36	167	972643	39.87	nq	98
73) Di-n-butylphthalate	15.92	149	1123941	36.95	nq	99
74) Fluoranthene	16.74	202	1003947	37.29	nq	99
76) Benzidine	16.96	184	189185	22.97	nq	# 93
77) Pyrene	17.04	202	1040998	37.77	nq	98
79) Butylbenzylphthalate	17.94	149	541253	42.23	nq	89
80) Benzo(a)anthracene	18.61	228	858315	40.02	nq	100
81) 3,3'-Dichlorobenzidine	18.59	252	272199	36.75	nq	# 95
82) Chrysene	18.66	228	840531	40.53	nq	99
83) Bis(2-ethylhexyl)phthalate	18.68	149	771895	42.26	nq	# 99
84) Di-n-octyl phthalate	19.45	149	1194636	39.90	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	717106	42.58	nq	99
87) Benzo(b)fluoranthene	19.89	252	722127	38.45	nq	99
88) Benzo(k)fluoranthene	19.92	252	721934	39.85	nq	# 96
89) Benzo(a)pyrene	20.24	252	678234	39.13	nq	99
90) Dibenzo(a,h)anthracene	21.59	278	618377	43.20	nq	98
91) Benzo(g,h,i)perylene	21.95	276	635487	45.24	nq	97

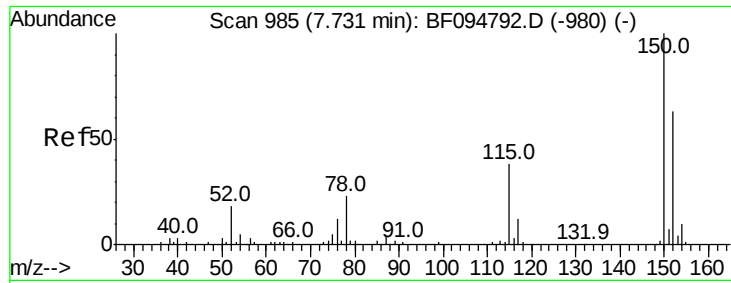
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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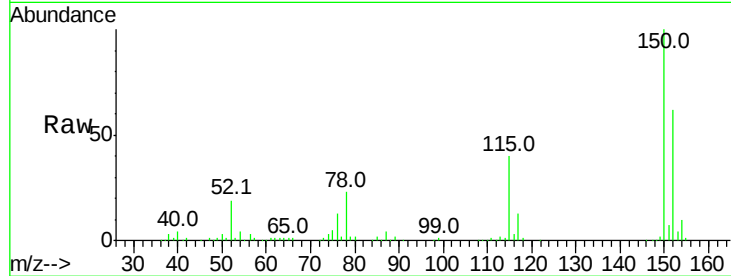


#1

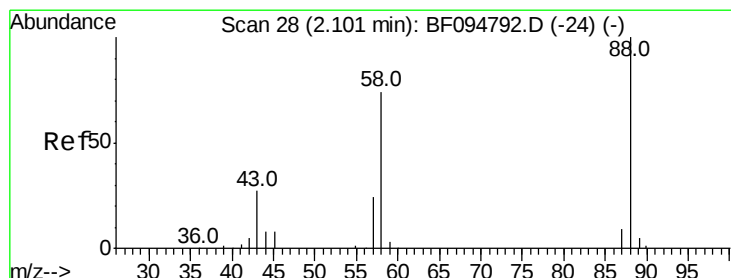
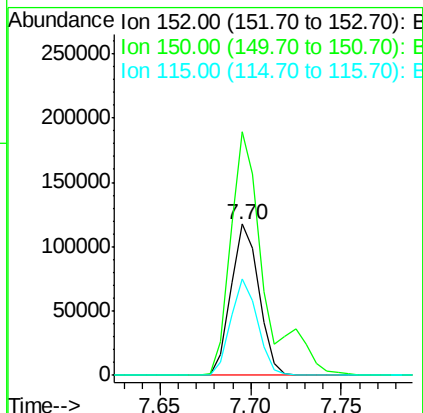
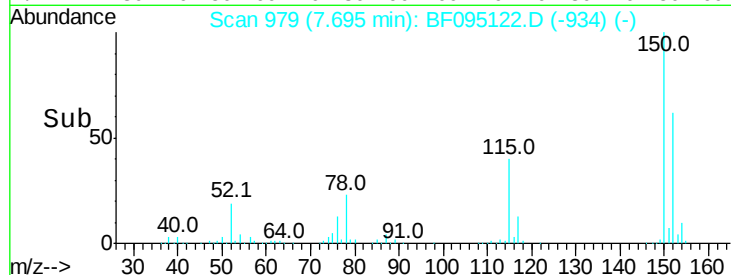
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 979
Delta R.T. -0.04 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126413
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 63.6 52.2 78.2



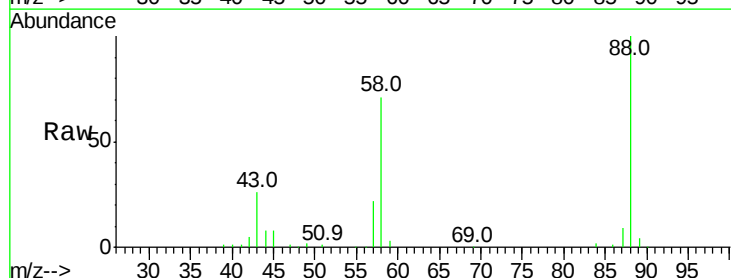
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



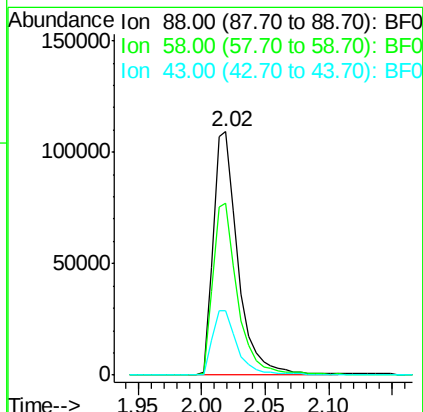
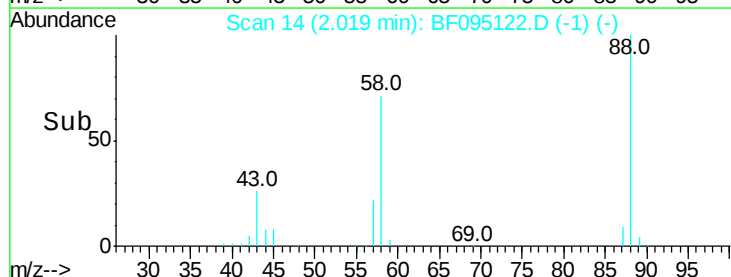
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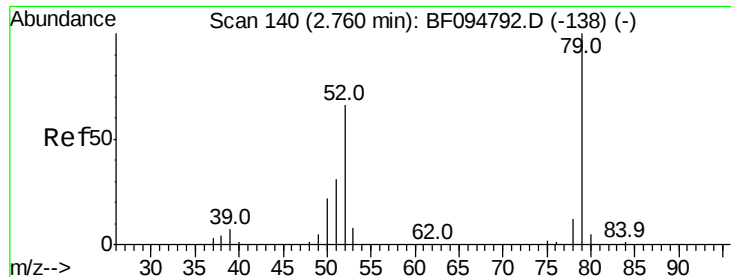
1,4-Dioxane
Concen: 40.33 ng
RT: 2.02 min Scan# 14
Delta R.T. -0.08 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion: 88 Resp: 149977
Ion Ratio Lower Upper
88 100
58 70.4 61.4 92.0
43 26.6 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.66 ng

RT: 2.69 min Scan# 128

Delta R.T. -0.07 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampled :

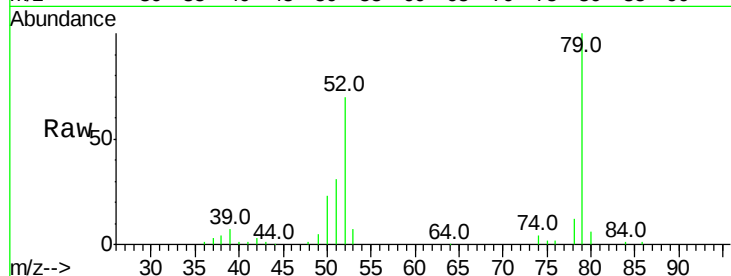
Tot Ion: 79 Resp: 341840

Ion Ratio Lower Upper

79 100

52 70.1 54.8 82.2

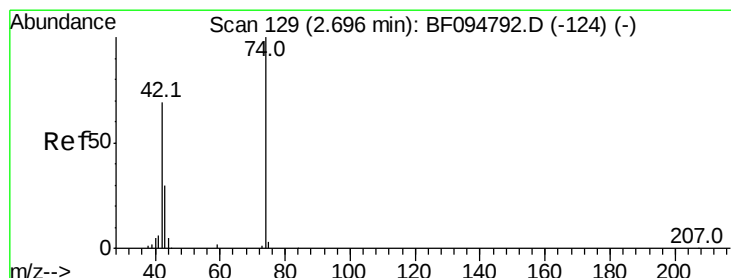
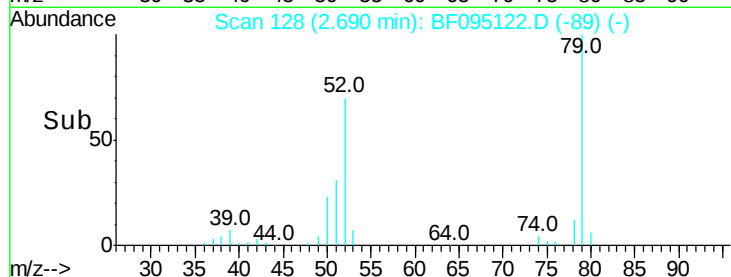
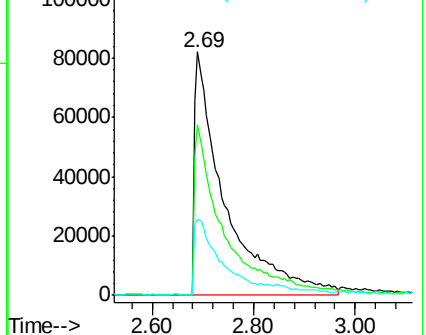
51 31.1 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.13 ng

RT: 2.62 min Scan# 117

Delta R.T. -0.07 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

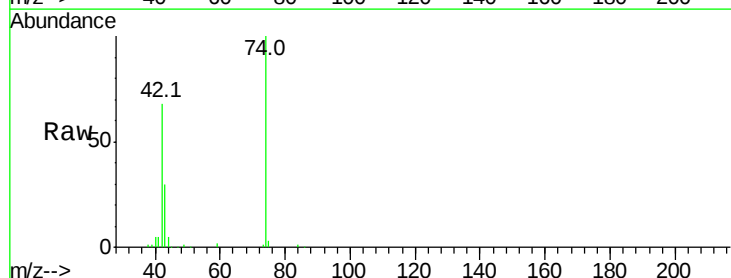
Tgt Ion: 42 Resp: 133386

Ion Ratio Lower Upper

42 100

74 147.6 103.9 155.9

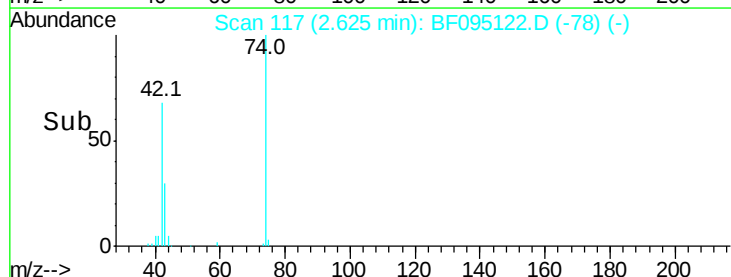
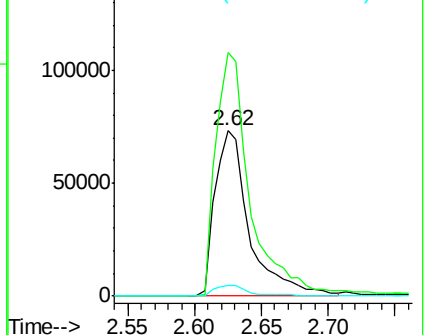
44 6.8 5.7 8.5

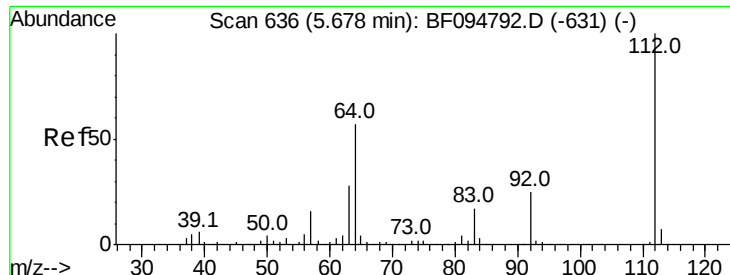


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

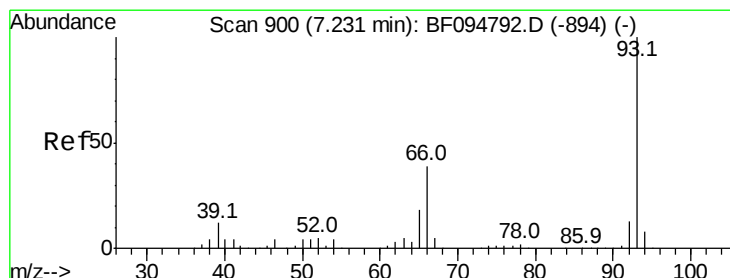
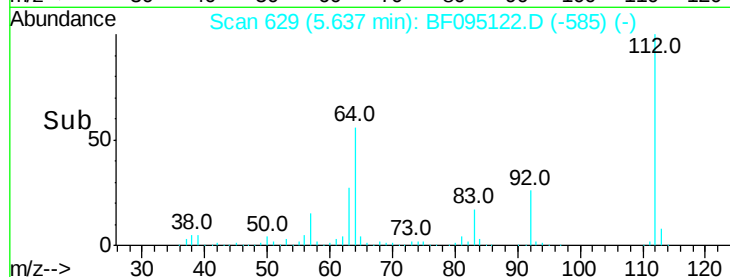
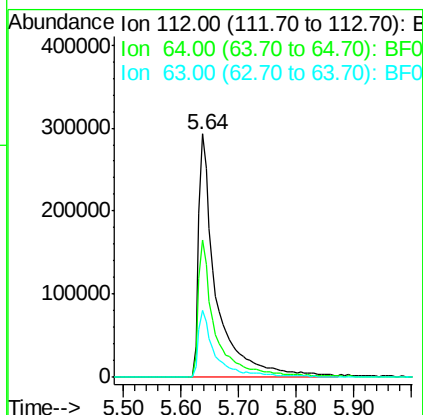
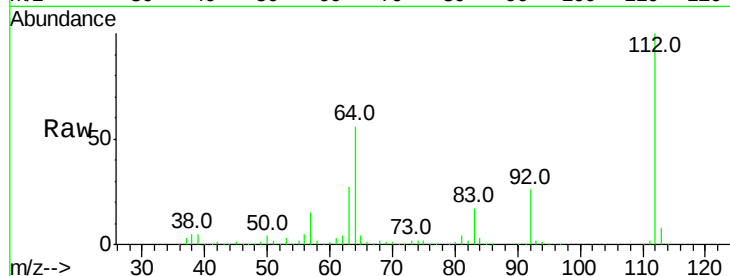




#5
 2-Fluorophenol
 Concen: 83.49 ng
 RT: 5.64 min Scan# 629
 Delta R.T. -0.04 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

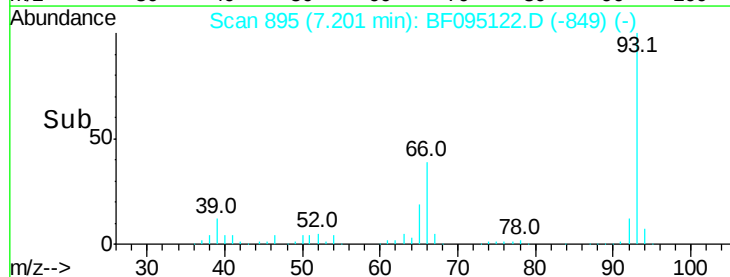
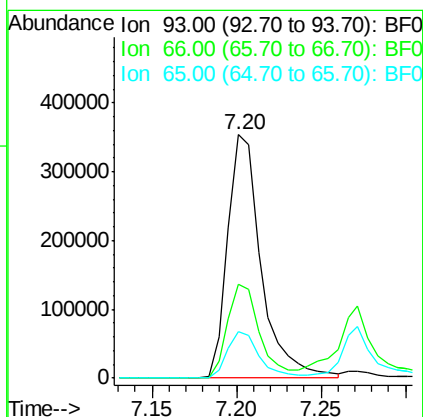
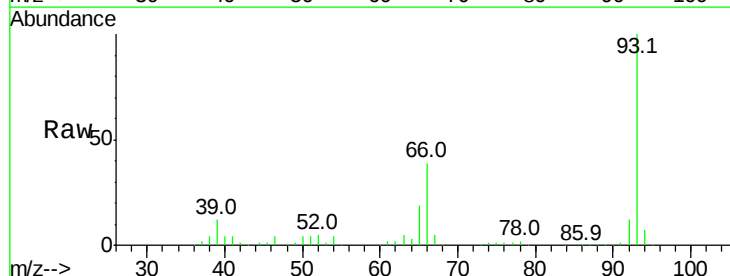
Instrument :
 BNA_F
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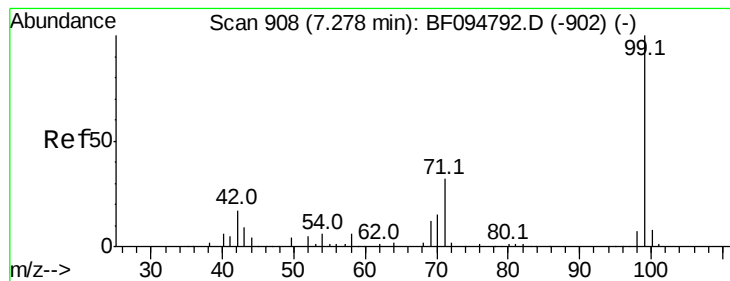
Tot Ion:	112	Resp:	633052
Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	27.5	23.4	35.0



#6
 Aniline
 Concen: 42.66 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion:	93	Resp:	489980
Ion	Ratio	Lower	Upper
93	100		
66	38.8	32.9	49.3
65	18.9	16.0	24.0





#7

Phenol-d6

Concen: 82.22 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

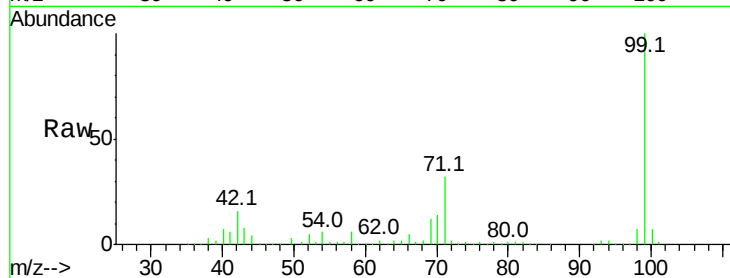
Tot Ion: 99 Resp: 748024

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

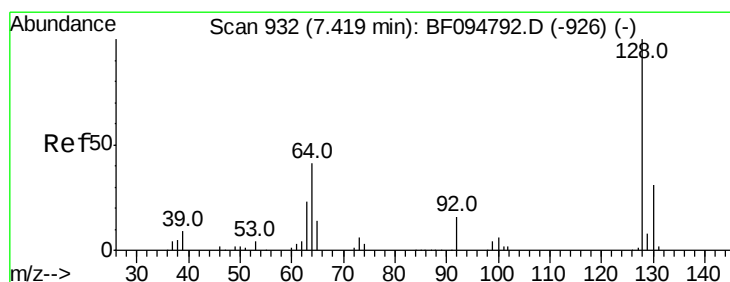
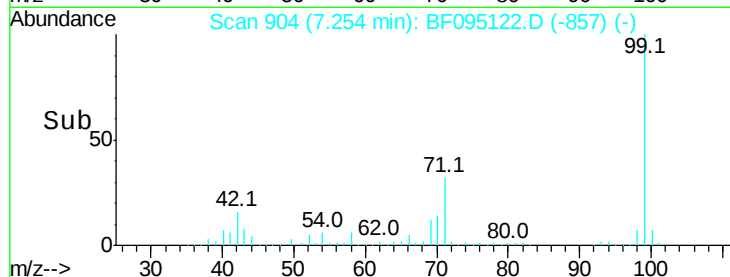
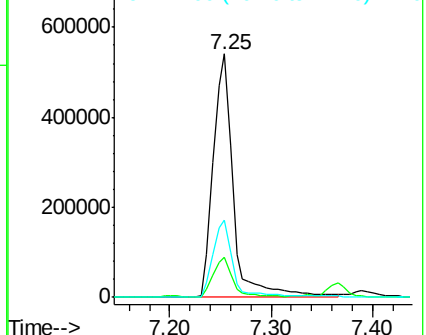
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.31 ng

RT: 7.39 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

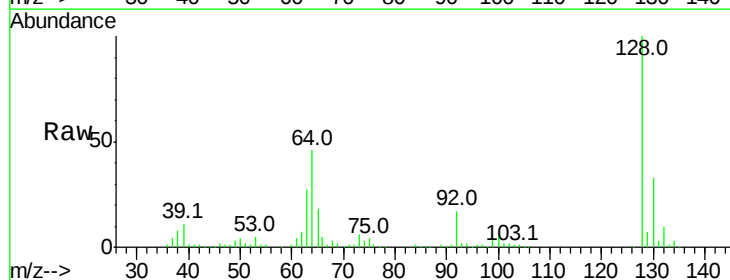
Tgt Ion:128 Resp: 365162

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

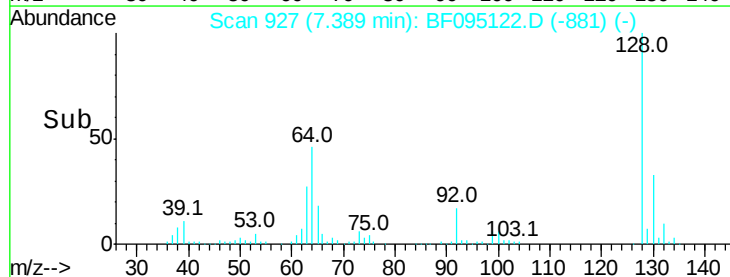
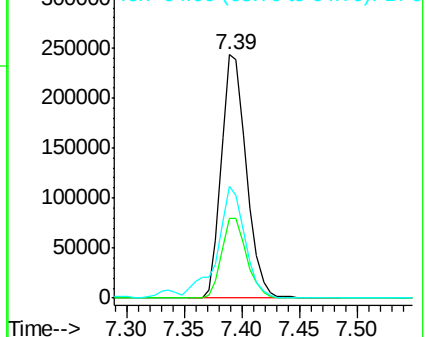
64 45.7 28.4 68.4

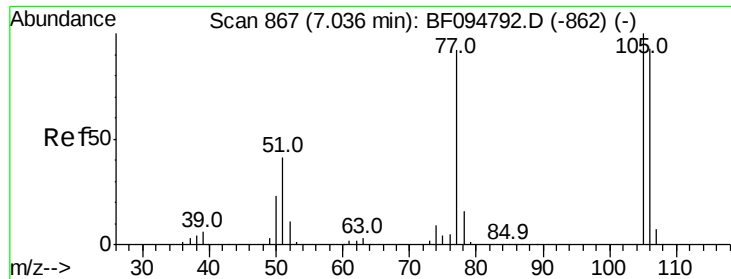


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.93 ng

RT: 7.01 min Scan# 863

Delta R.T. -0.02 min

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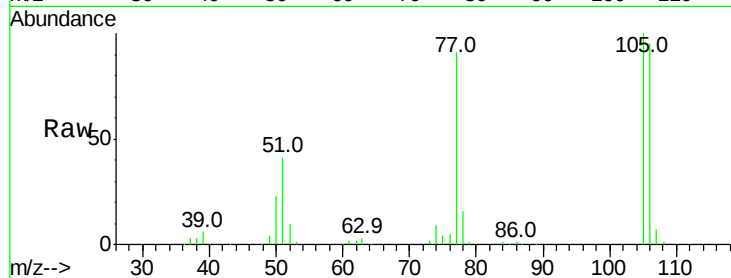
Tot Ion: 77 Resp: 199603

Ion Ratio Lower Upper

77 100

105 109.7 83.8 123.8

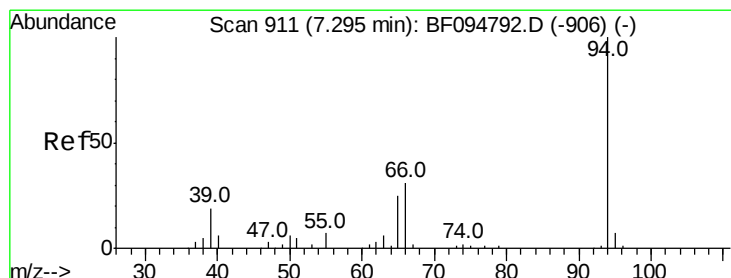
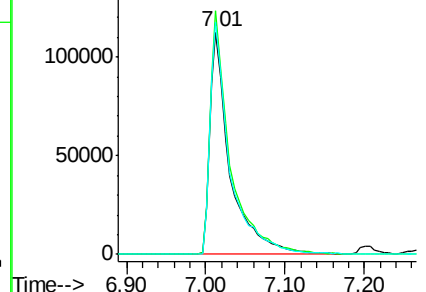
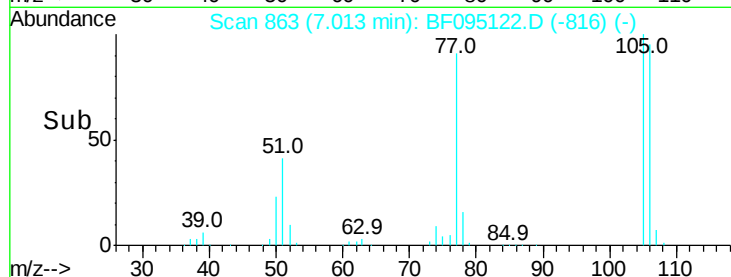
106 104.3 79.1 119.1



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: 45.24 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

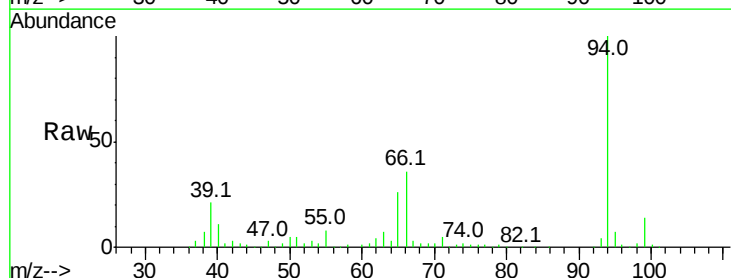
Tgt Ion: 94 Resp: 433672

Ion Ratio Lower Upper

94 100

65 25.5 9.9 49.9

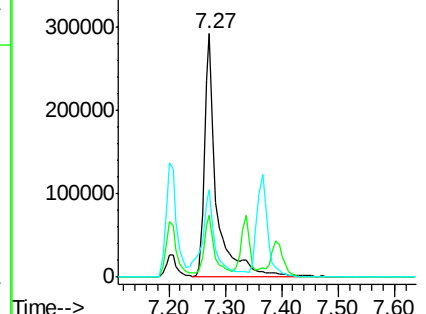
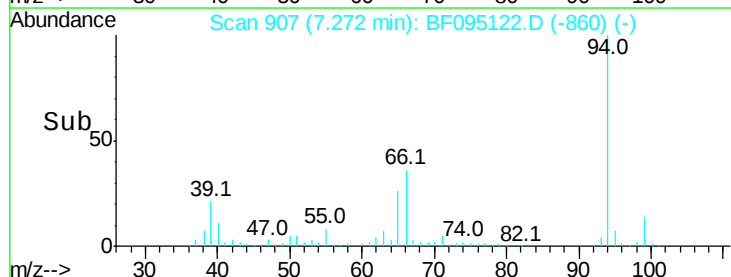
66 35.9 23.1 63.1

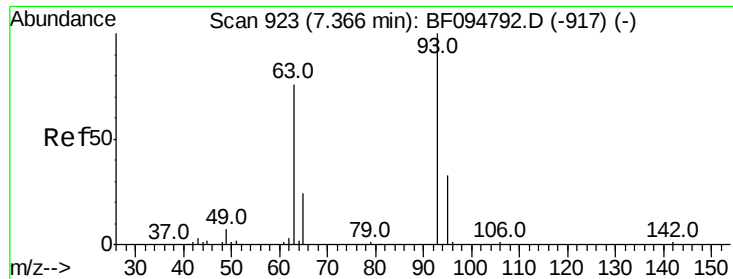


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.39 ng

RT: 7.34 min Scan# 918

Delta R.T. -0.03 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

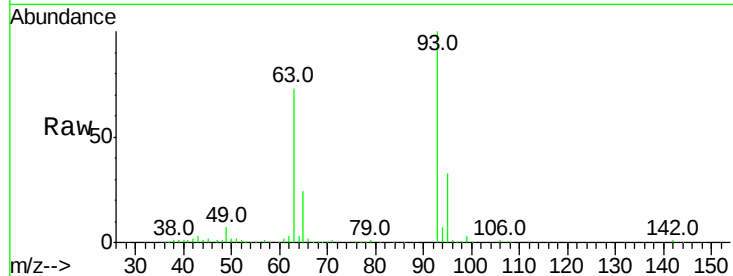
Tot Ion: 93 Resp: 319674

Ion Ratio Lower Upper

93 100

63 73.0 59.2 99.2

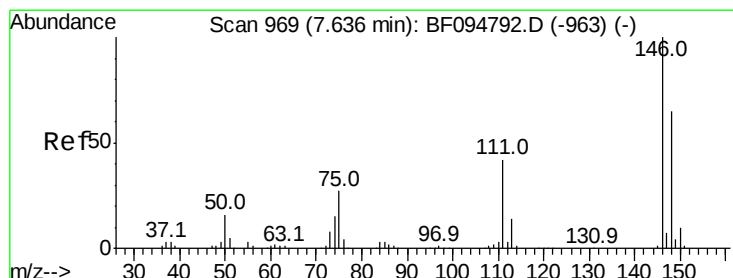
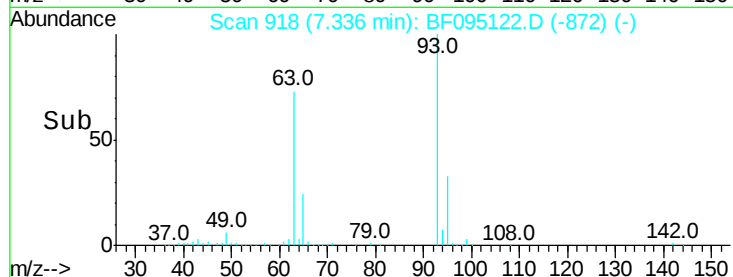
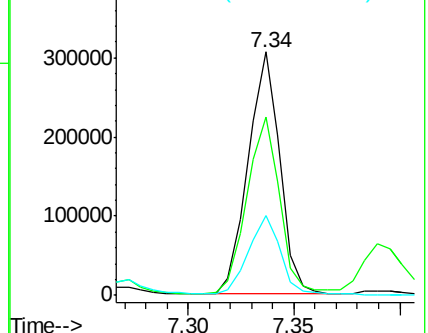
95 32.6 12.8 52.8



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: 40.34 ng

RT: 7.60 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

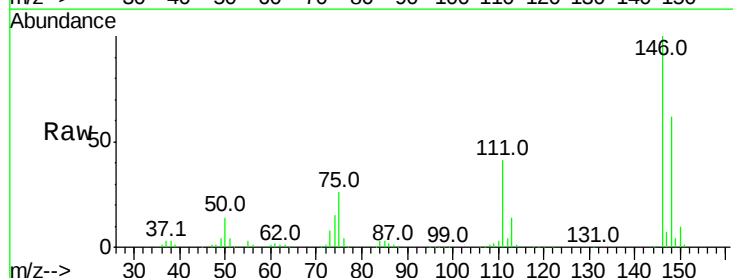
Tgt Ion: 146 Resp: 394905

Ion Ratio Lower Upper

146 100

148 62.0 51.8 77.6

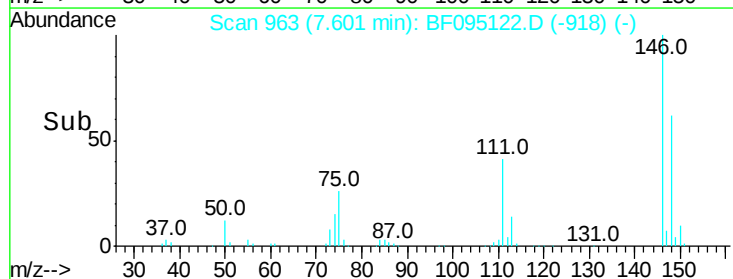
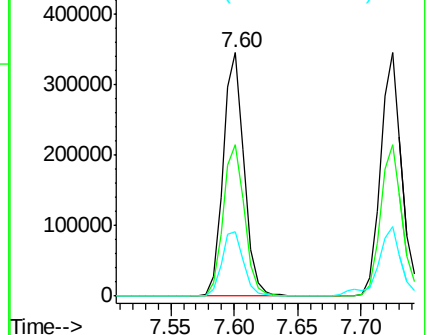
75 26.2 23.1 34.7

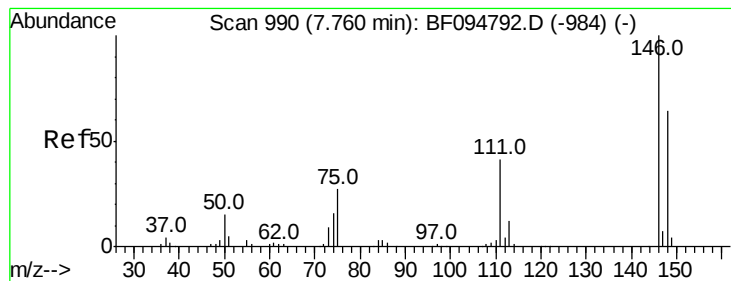


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.28 ng

RT: 7.72 min Scan# 984

Delta R.T. -0.04 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

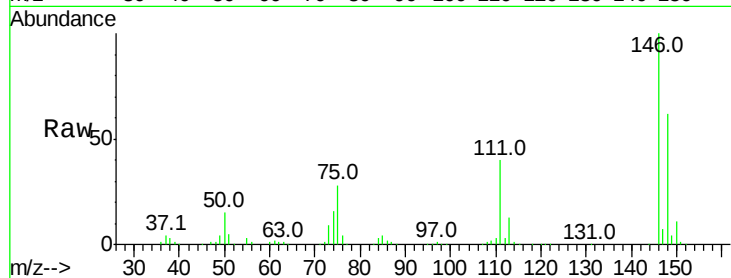
Tot Ion:146 Resp: 409874

Ion Ratio Lower Upper

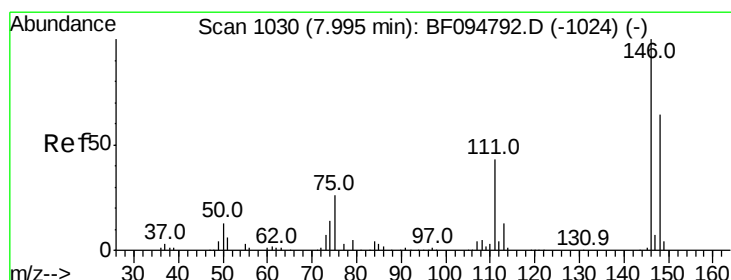
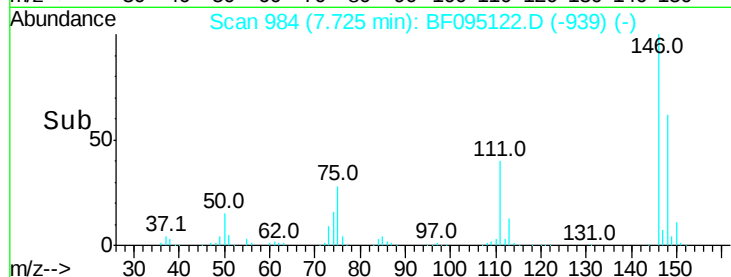
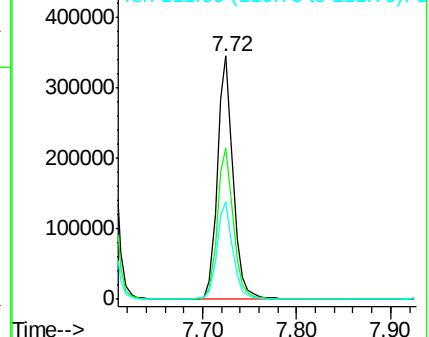
146 100

148 62.4 52.2 78.2

111 40.3 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 39.76 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

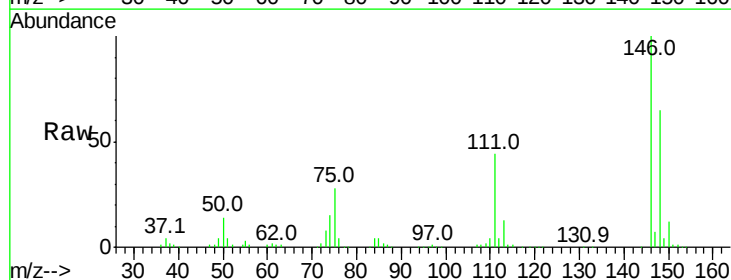
Tgt Ion:146 Resp: 368447

Ion Ratio Lower Upper

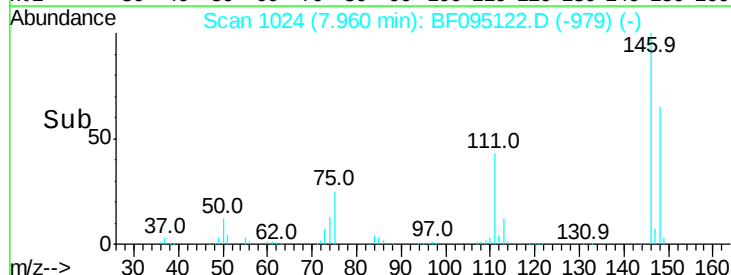
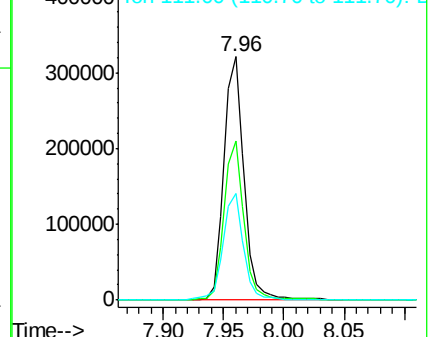
146 100

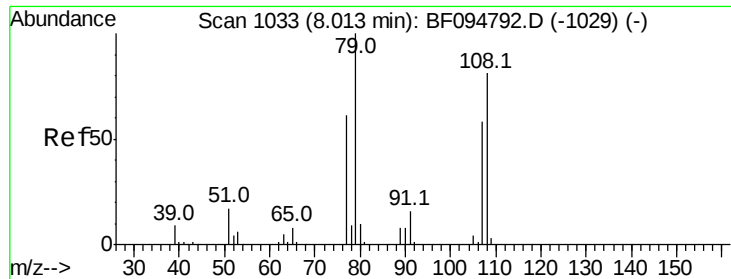
148 65.4 50.4 75.6

111 43.6 38.2 57.4



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

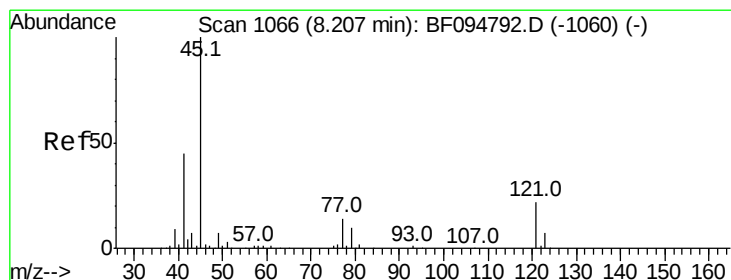
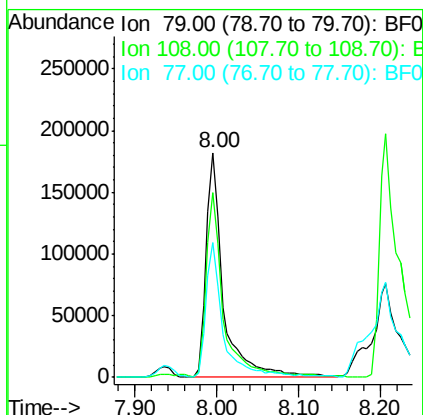
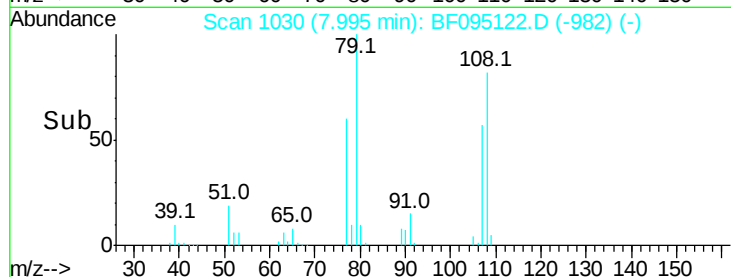
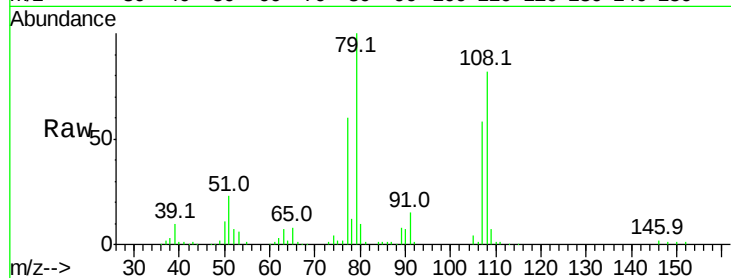




#15
Benzyl Alcohol
Concen: 45.97 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

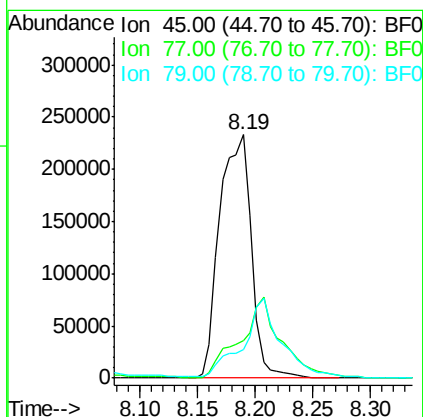
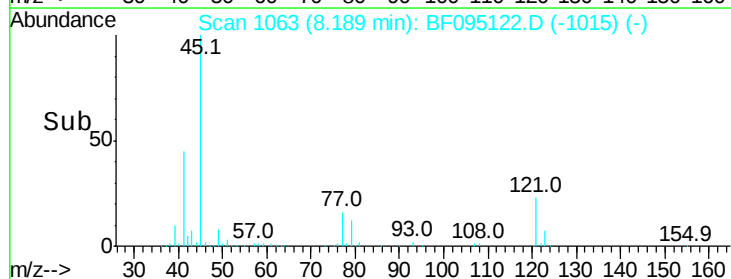
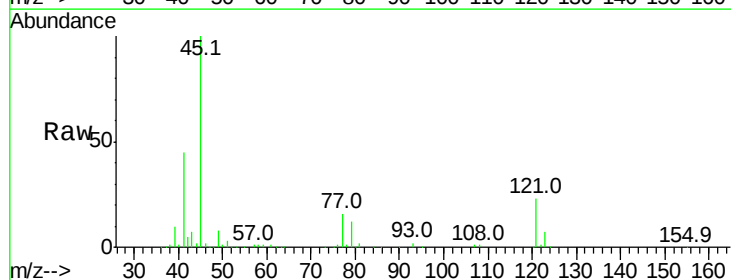
Instrument :
BNA_F
ClientSampleId :

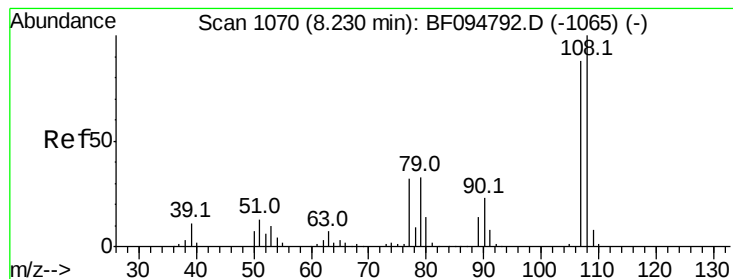
Tot Ion: 79 Resp: 268998
Ion Ratio Lower Upper
79 100
108 82.5 63.4 95.0
77 60.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.69 ng
RT: 8.19 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion: 45 Resp: 444592
Ion Ratio Lower Upper
45 100
77 15.6 0.0 33.2
79 11.8 0.0 30.0





#17

2-Methylphenol

Concen: 43.18 ng

RT: 8.21 min Scan# 1066

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 304932

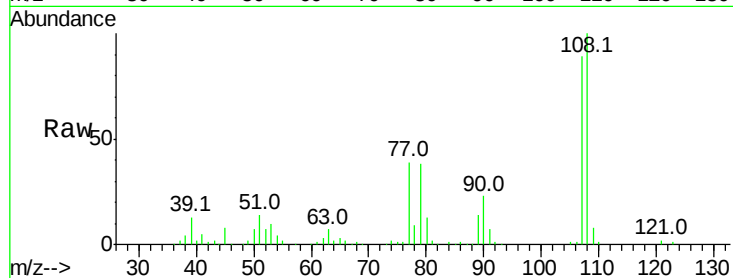
Ion Ratio Lower Upper

107 100

108 112.1 93.4 140.0

77 43.9 35.8 53.6

79 43.1 34.8 52.2

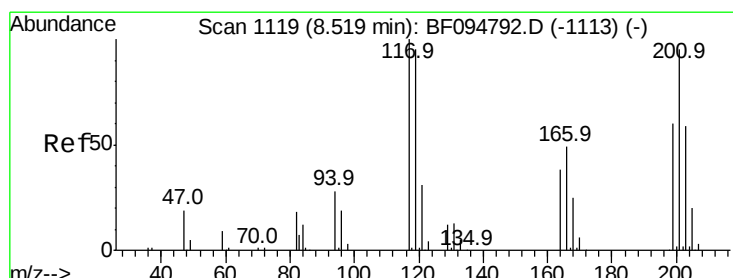
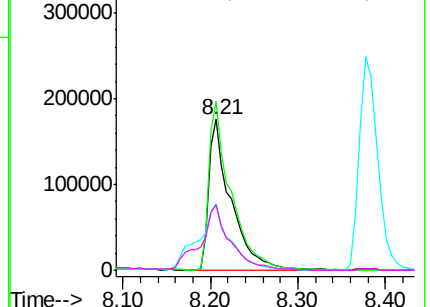
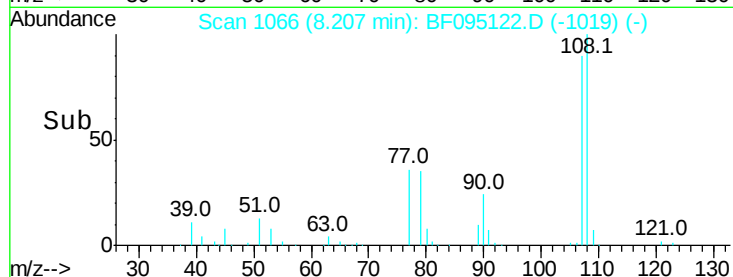


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.51 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.04 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

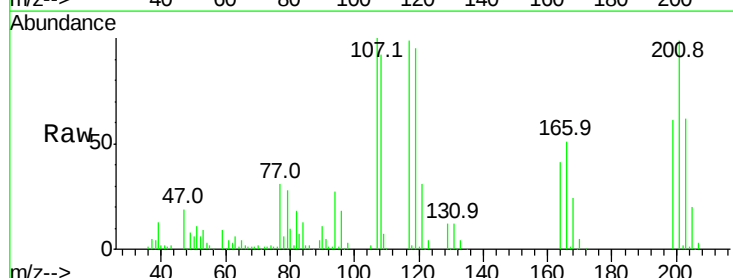
Tgt Ion:117 Resp: 132883

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.0

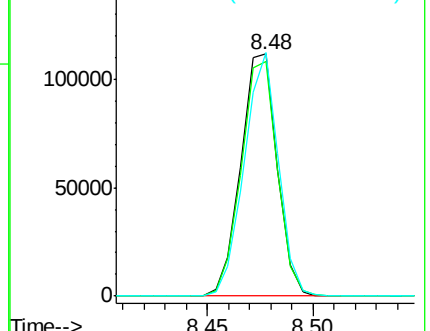
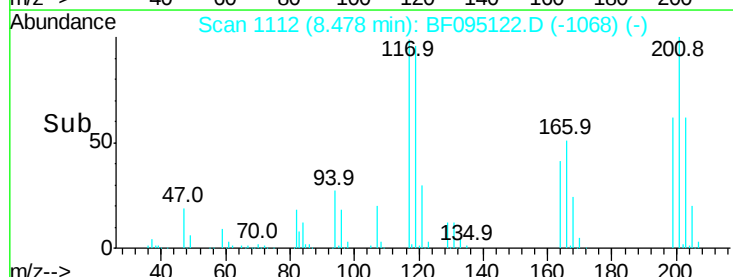
201 100.6 94.6 141.8

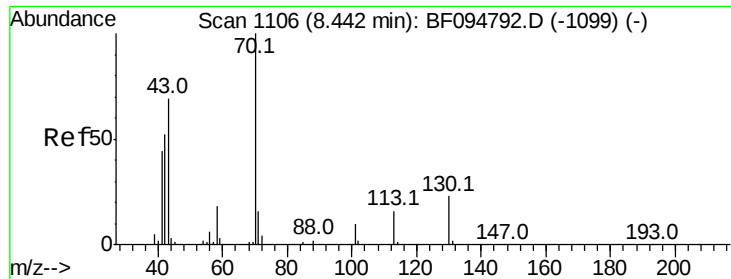


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

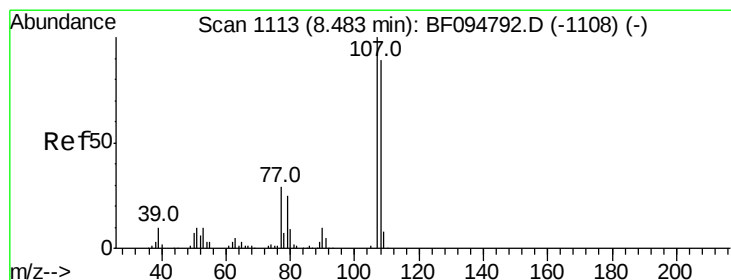
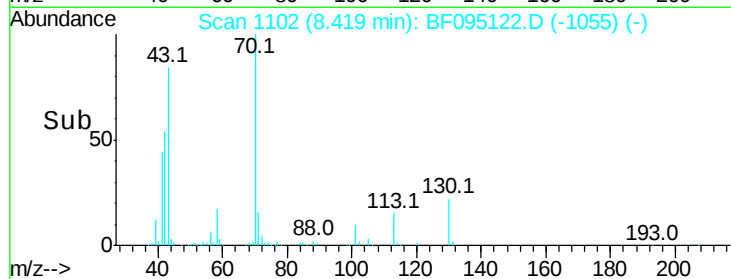
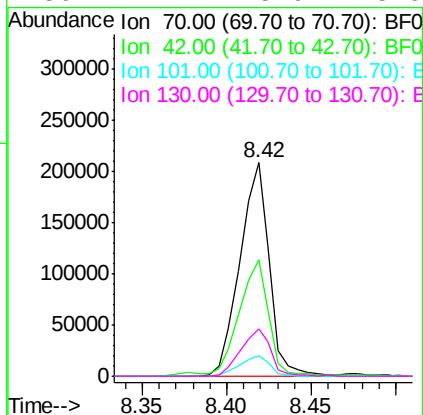
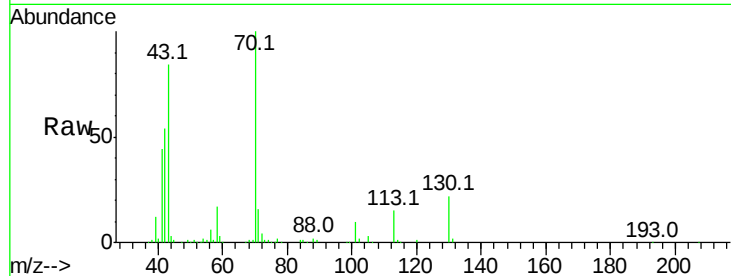




#19
n-Nitroso-di-n-propylamine
Concen: 41.34 ng
RT: 8.42 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

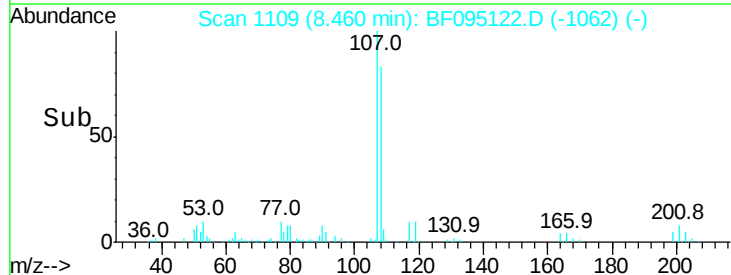
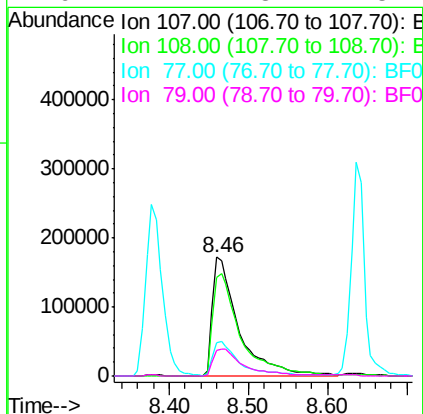
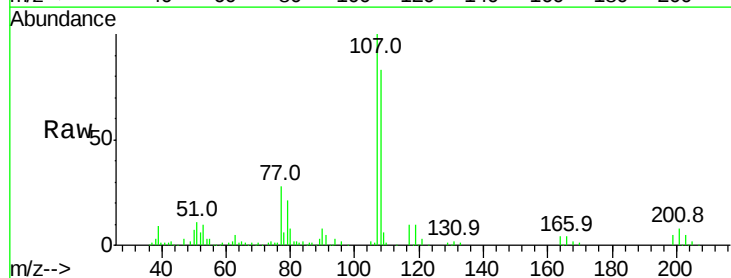
Instrument :
BNA_F
ClientSampleId :

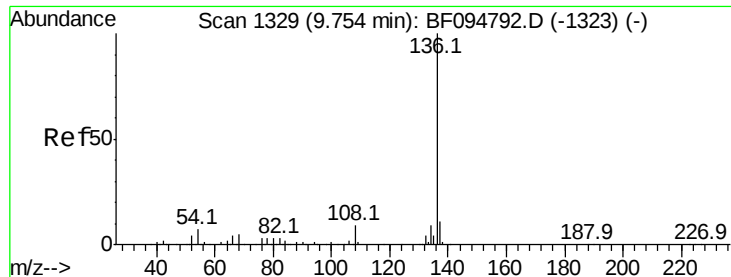
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	47.2	70.8	
101	9.7	7.2	10.8	
130	22.1	15.9	23.9	



#20
3+4-Methylphenols
Concen: 41.29 ng
RT: 8.46 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.8	71.0	111.0	
77	28.4	90.5	130.5#	
79	21.4	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 534867

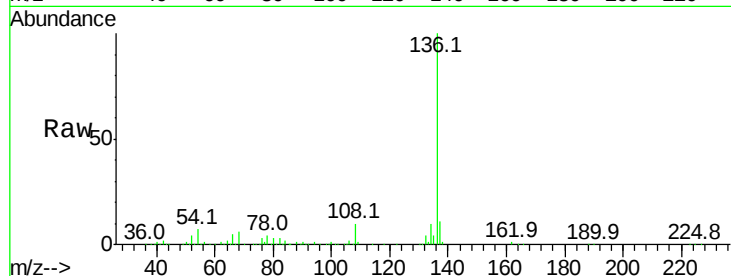
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.3 4.9 7.3#

68 5.8 4.1 6.1

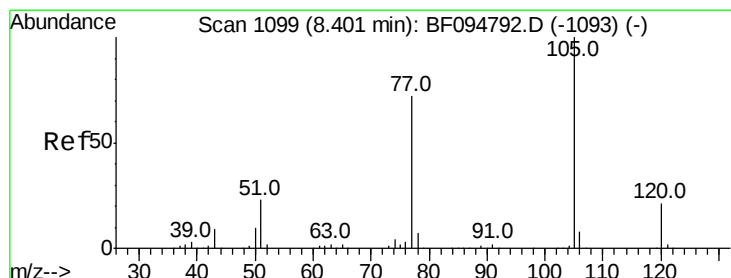
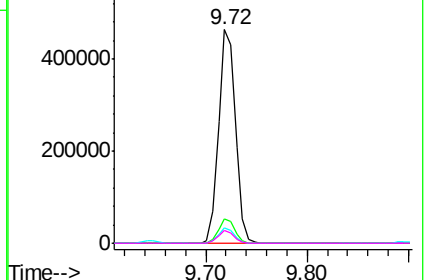
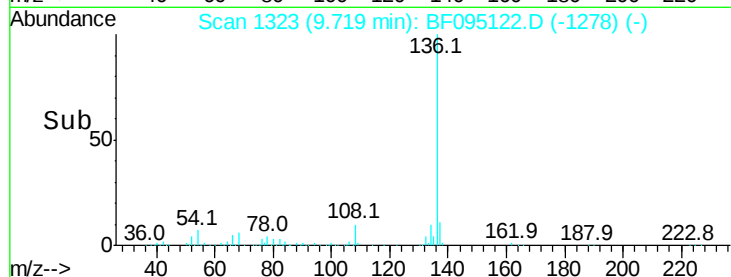


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.93 ng

RT: 8.38 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Tgt Ion:105 Resp: 512480

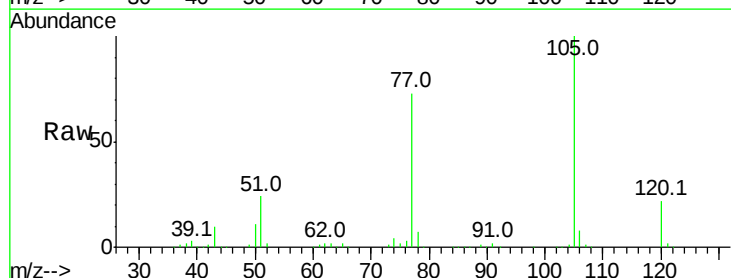
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.7 30.7 46.1#

120 21.8 17.4 26.0

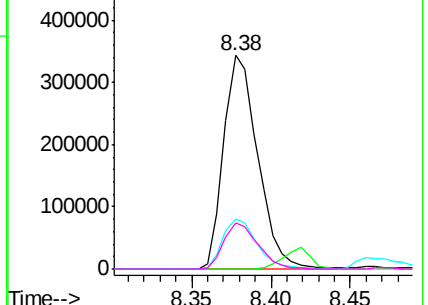
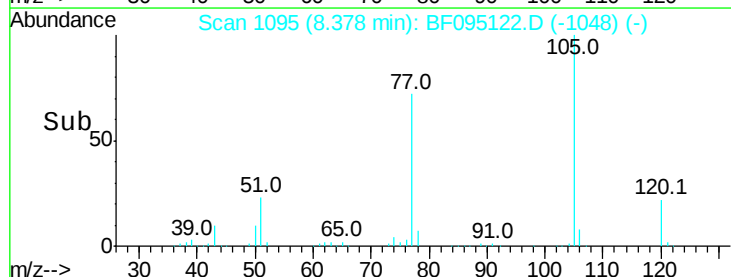


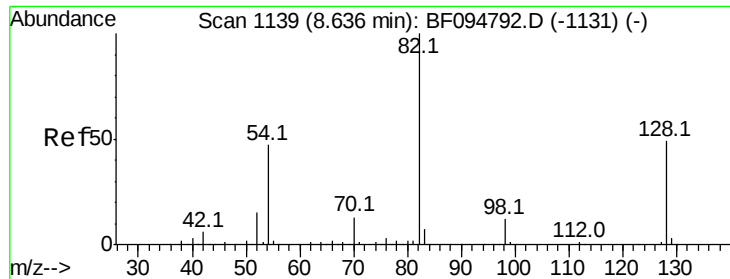
Abundance Ion 105.00 (104.70 to 105.70): E

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

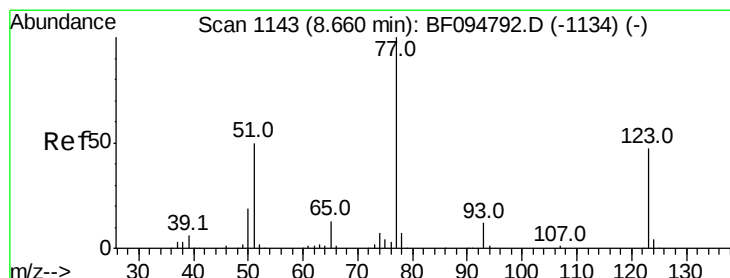
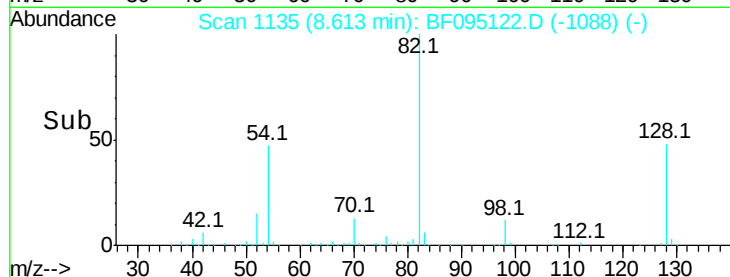
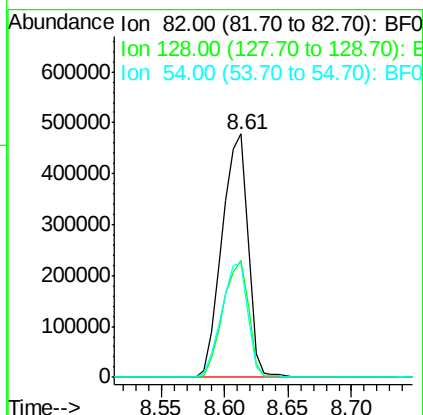
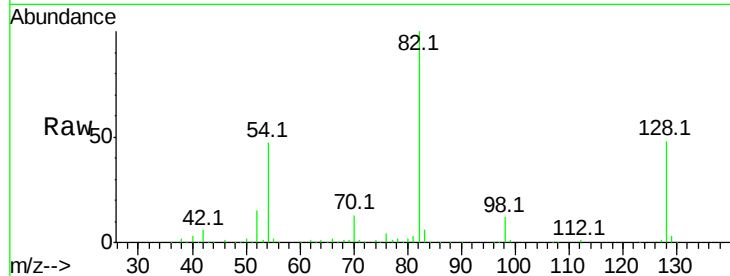




#23
 Nitrobenzene-d5
 Concen: 80.55 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

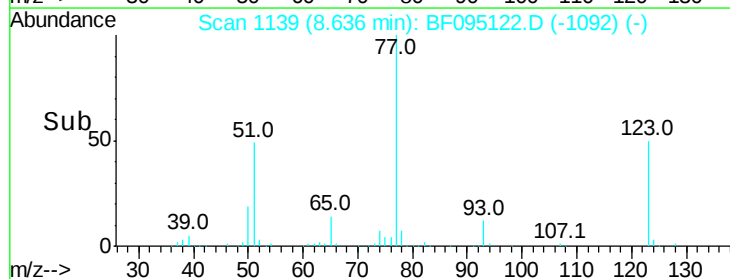
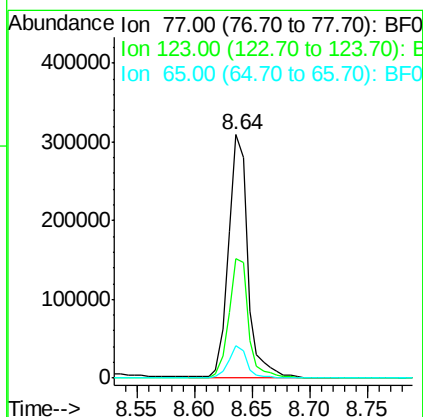
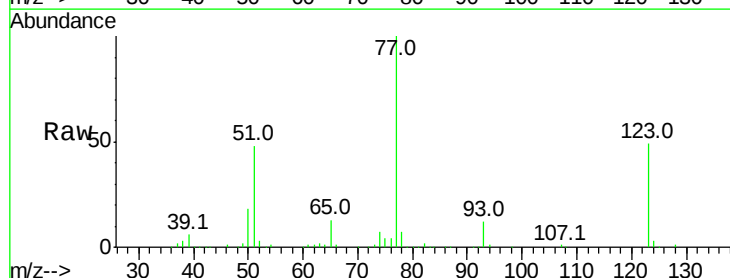
Instrument :
 BNA_F
 ClientSampleId :

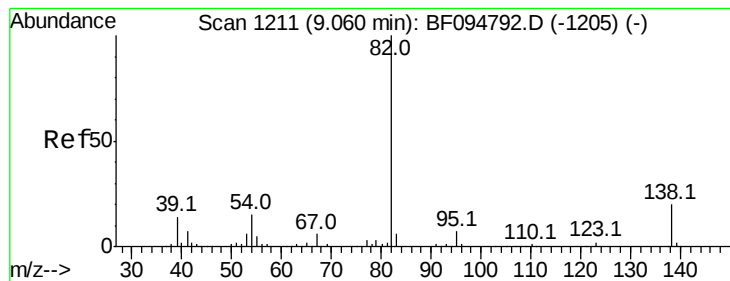
Tot Ion	82	Resp	683205
Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	47.0	42.2	63.2



#24
 Nitrobenzene
 Concen: 40.45 ng
 RT: 8.64 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion	77	Resp	359646
Ion	Ratio	Lower	Upper
77	100		
123	49.2	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 41.01 ng

RT: 9.04 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

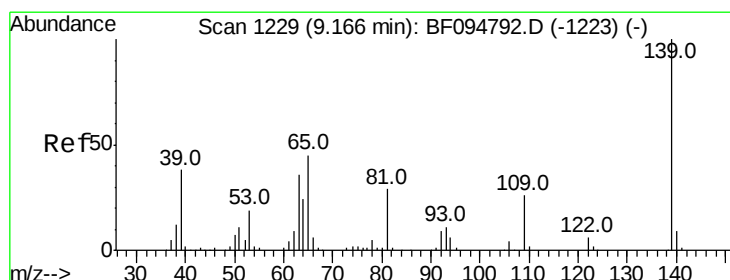
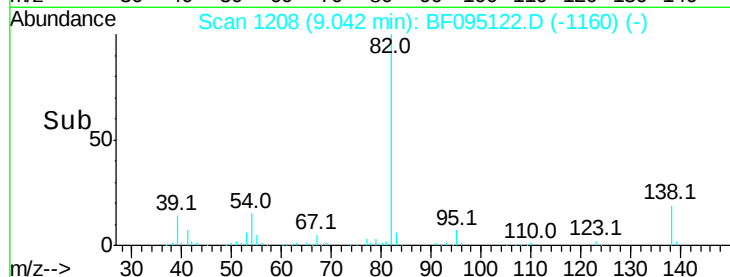
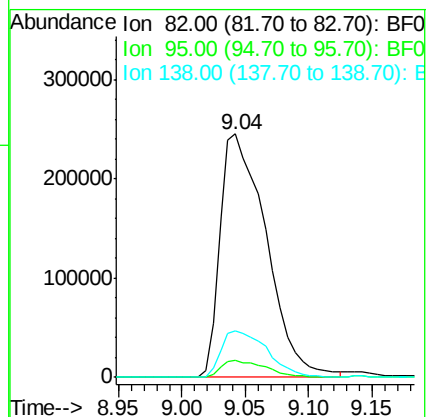
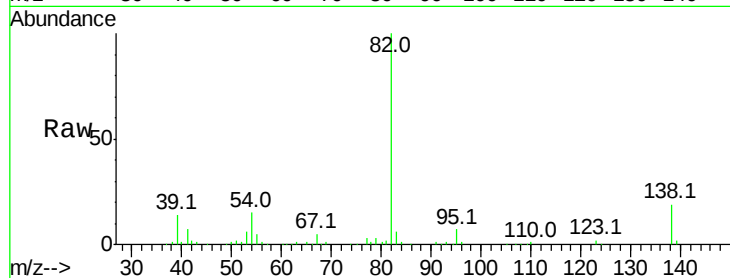
Tot Ion: 82 Resp: 621067

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 41.06 ng

RT: 9.14 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

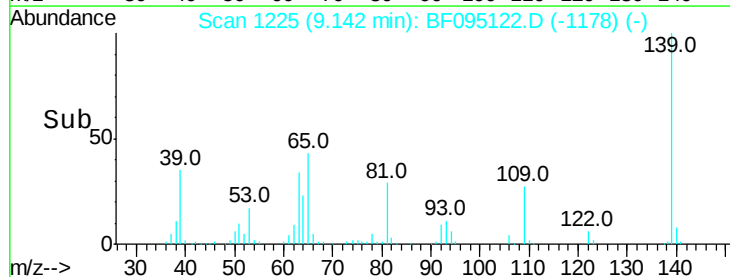
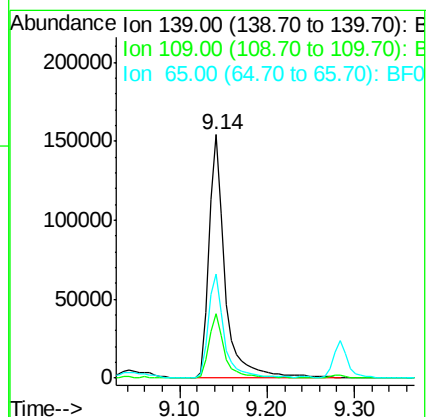
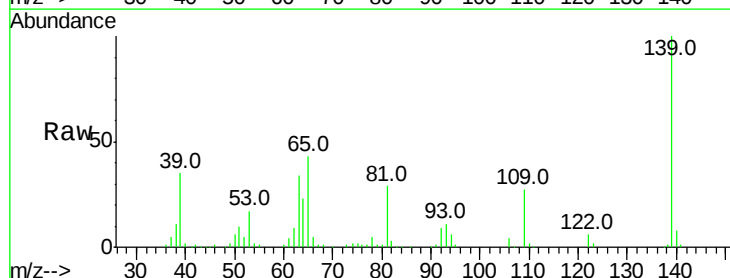
Tgt Ion: 139 Resp: 196961

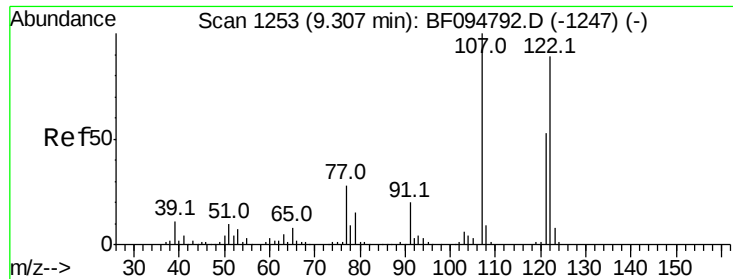
Ion Ratio Lower Upper

139 100

109 26.7 21.0 31.6

65 43.0 33.0 49.6

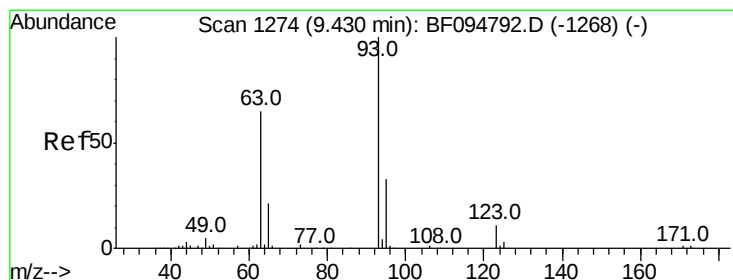
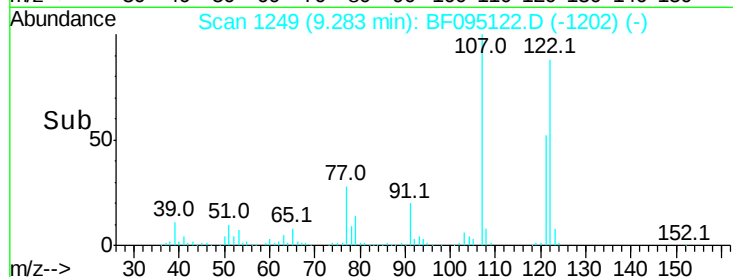
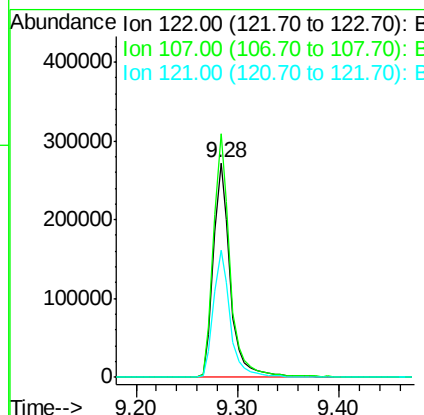
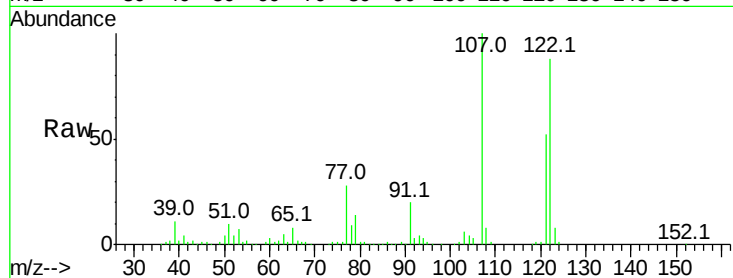




#27
 2,4-Dimethylphenol
 Concen: 40.83 ng
 RT: 9.28 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

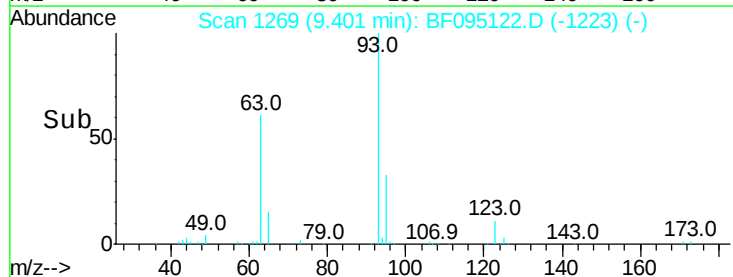
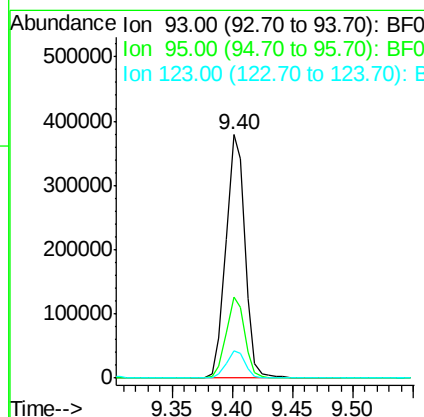
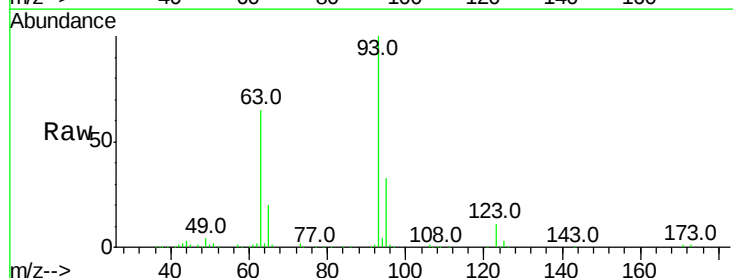
Instrument :
 BNA_F
 ClientSampleId :

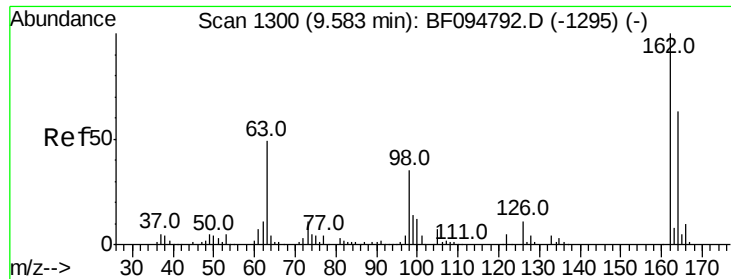
Tot Ion:122 Resp: 316709
 Ion Ratio Lower Upper
 122 100
 107 113.6 89.2 133.8
 121 59.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.55 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion: 93 Resp: 414364
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 11.0 9.0 13.4

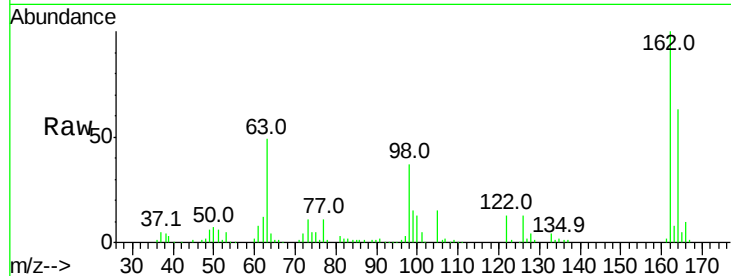




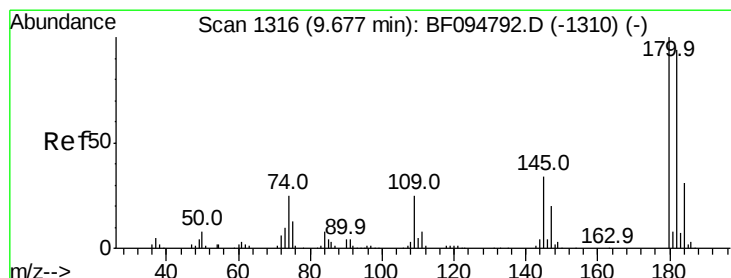
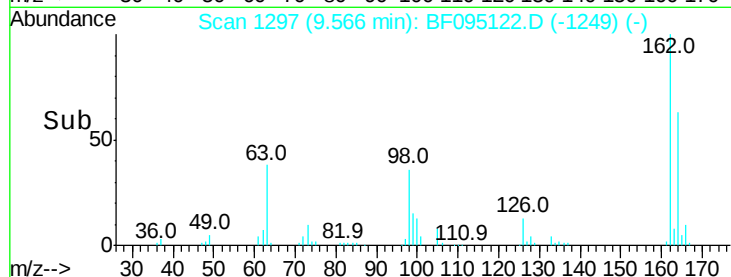
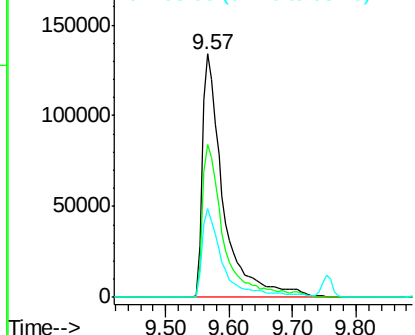
#29
 2,4-Dichlorophenol
 Concen: 41.92 ng
 RT: 9.57 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	36.6	14.8	54.8

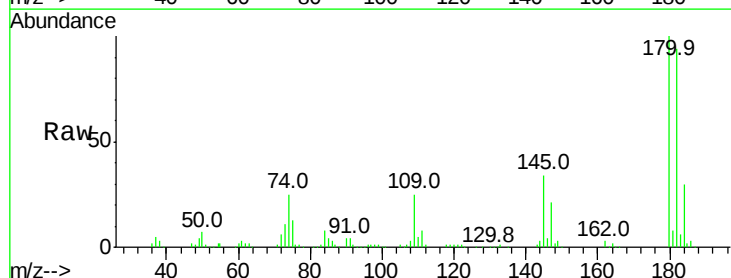


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

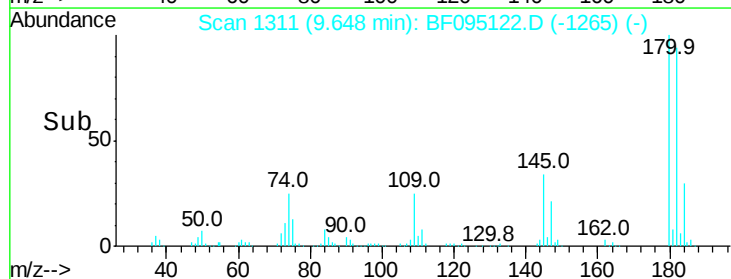
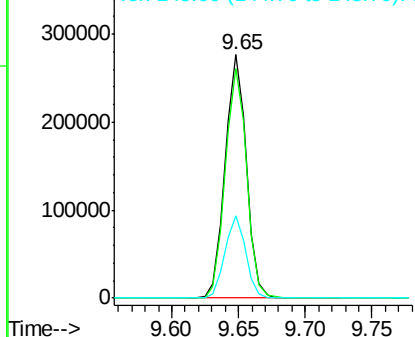


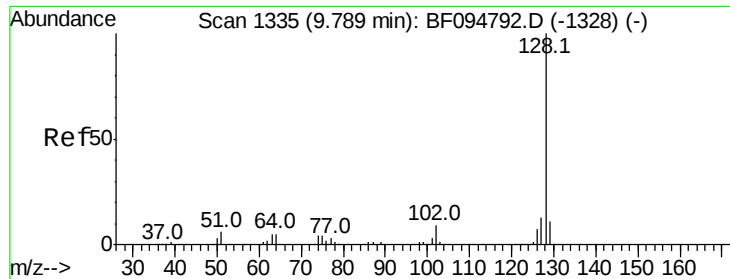
#30
 1,2,4-Trichlorobenzene
 Concen: 39.74 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	33.9	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

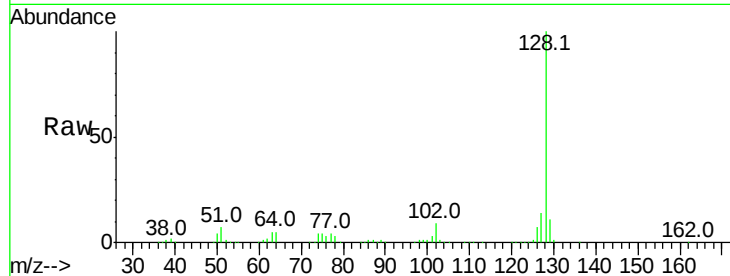




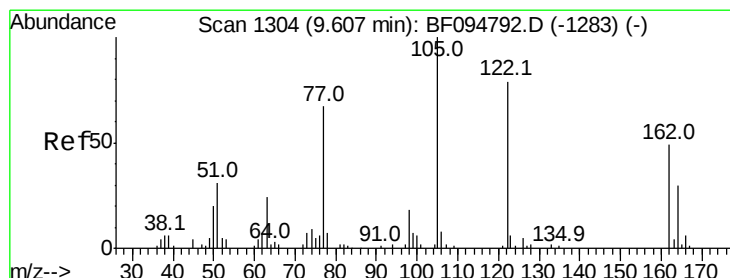
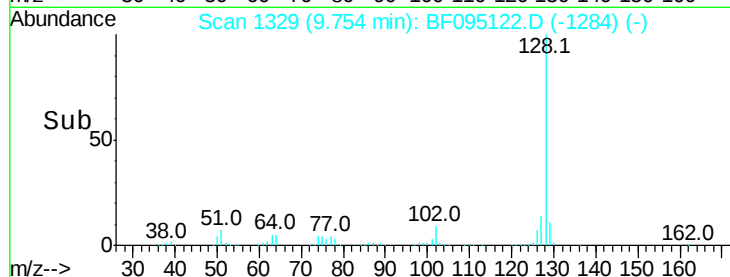
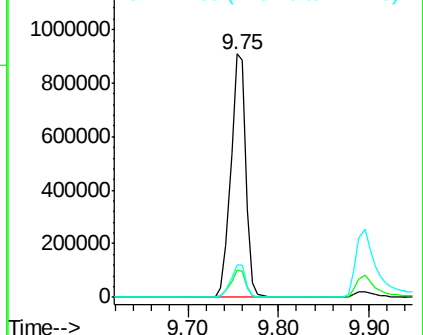
#31
Naphthalene
Concen: 39.15 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1052499
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2

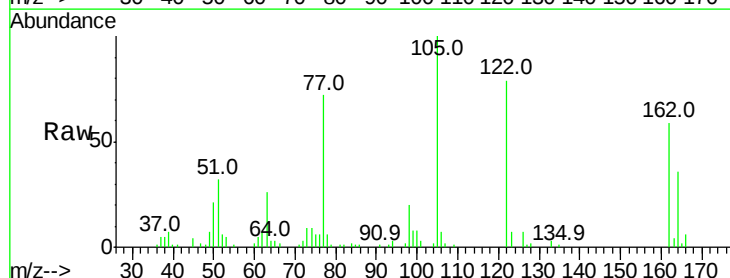


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

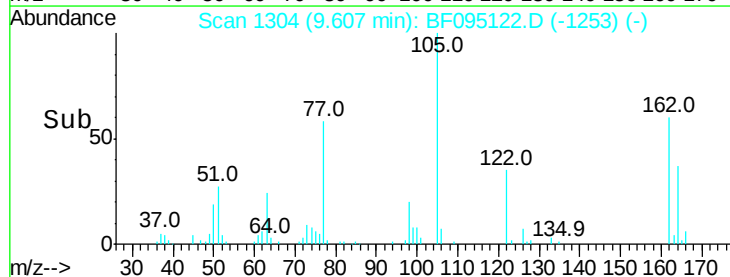
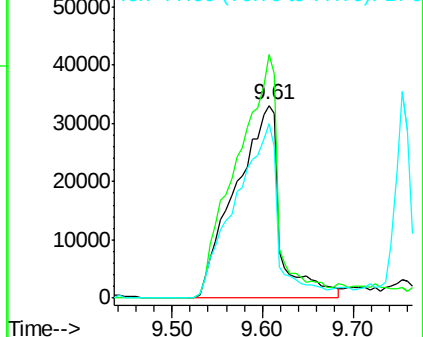


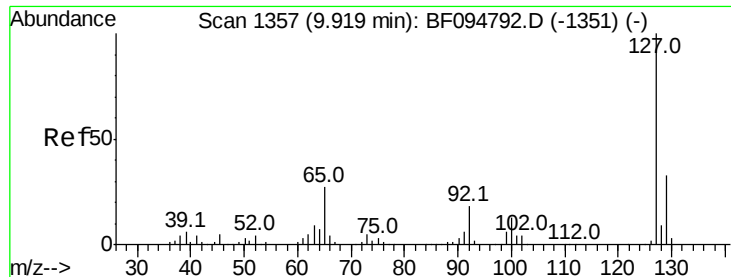
#32
Benzoic acid
Concen: 25.08 ng
RT: 9.61 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion:122 Resp: 113926
Ion Ratio Lower Upper
122 100
105 126.6 103.3 143.3
77 91.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

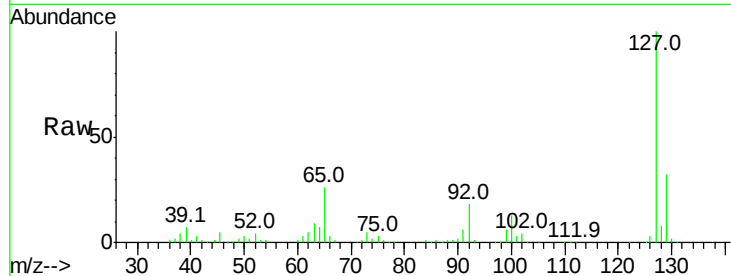




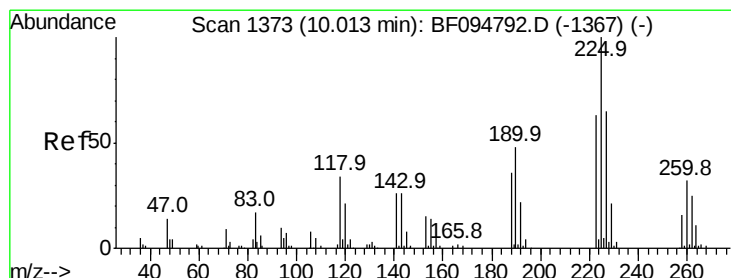
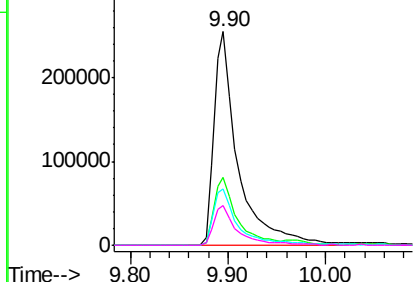
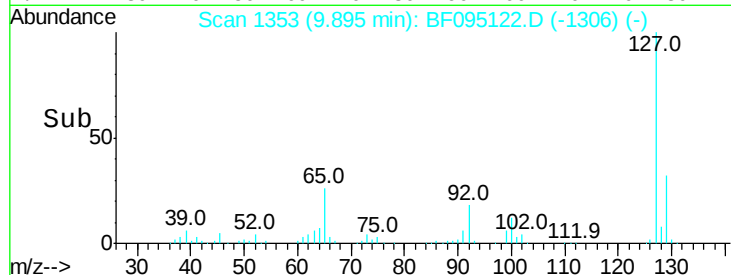
#33
 4-Chloroaniline
 Concen: 43.48 ng
 RT: 9.90 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	435567
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	26.2	27.8	41.8#
92	18.4	16.8	25.2

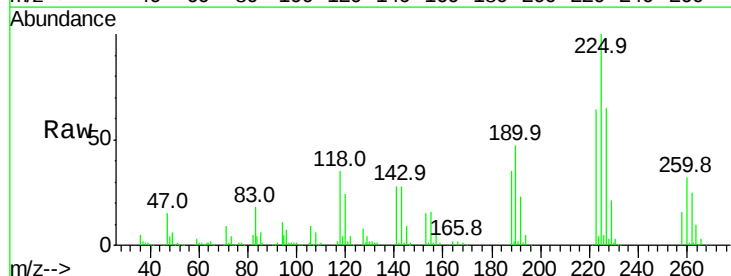


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

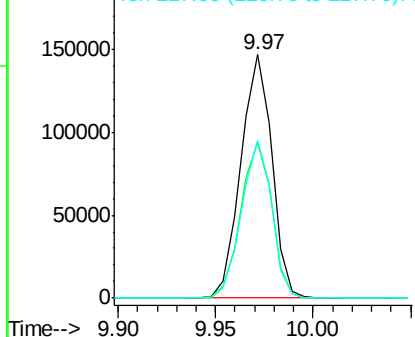
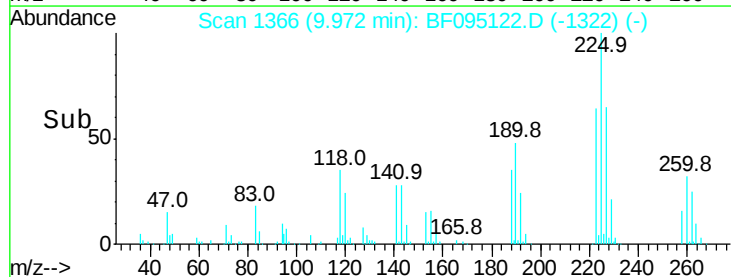


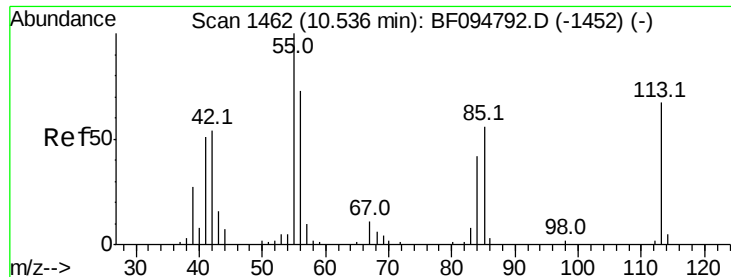
#34
 Hexachlorobutadiene
 Concen: 39.08 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. -0.04 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion:	225	Resp:	161787
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	64.8	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: 31.49 ng

RT: 10.55 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampled :

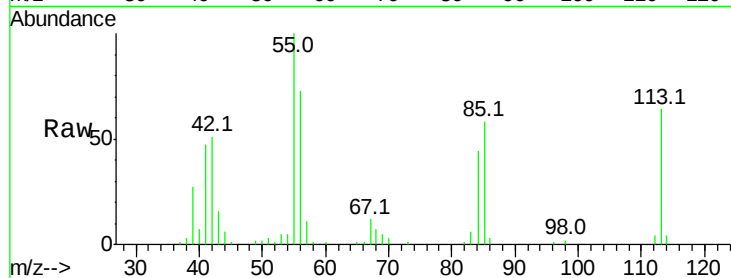
Tot Ion:113 Resp: 69260

Ion Ratio Lower Upper

113 100

55 155.8 150.2 190.2

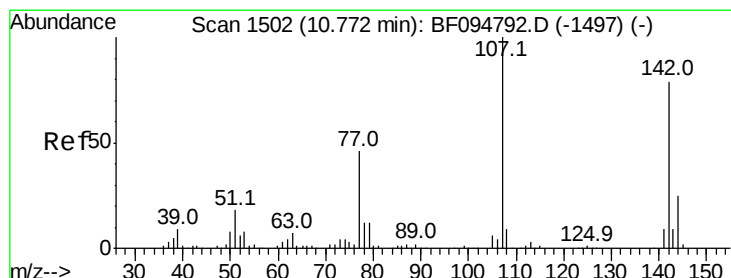
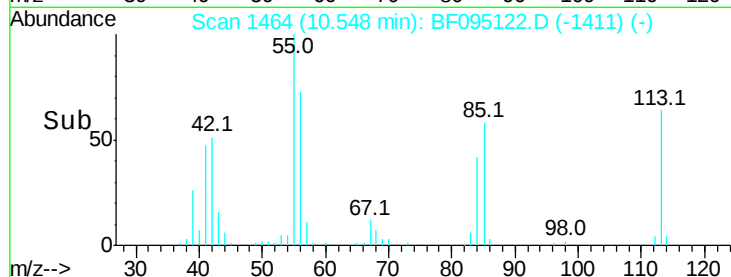
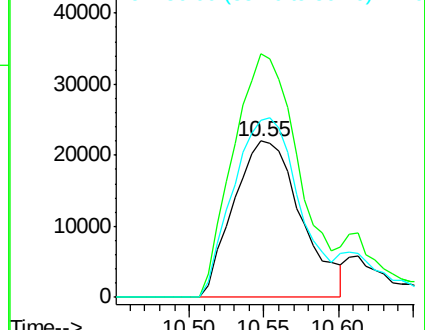
56 113.4 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.45 ng

RT: 10.76 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

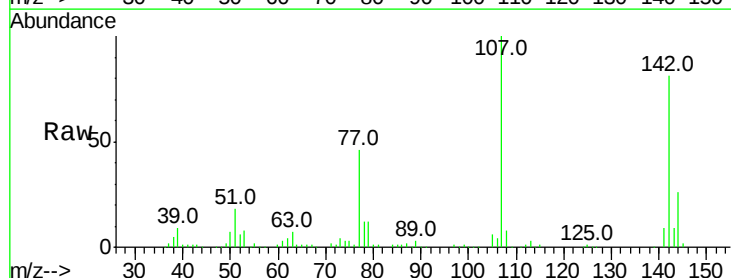
Tgt Ion:107 Resp: 301052

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

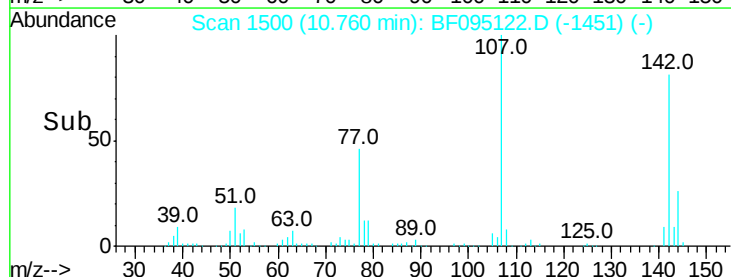
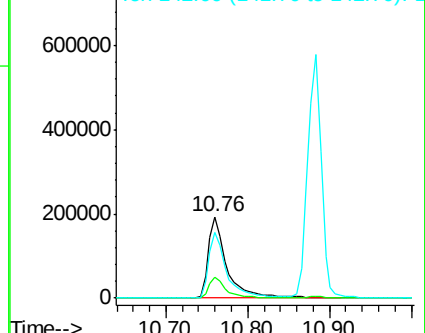
142 81.0 73.4 110.0

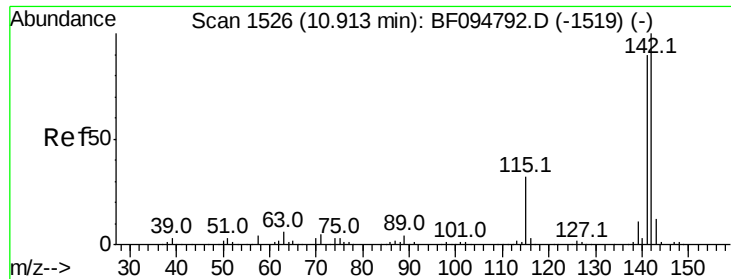


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

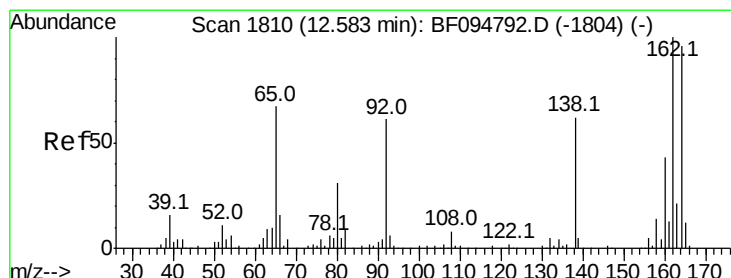
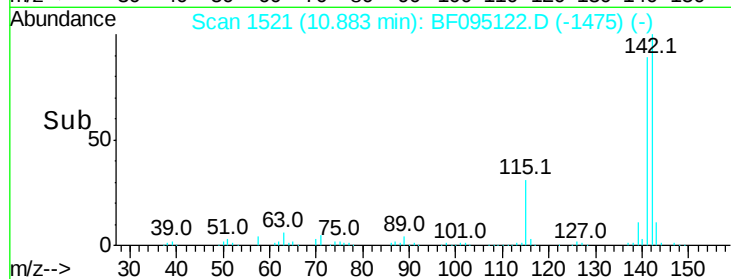
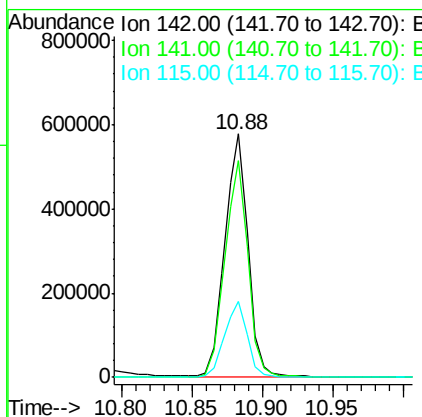
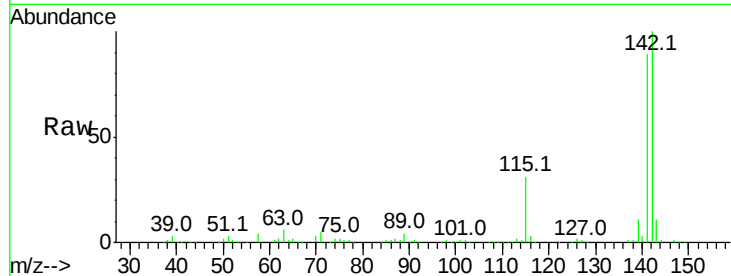




#37
 2-Methylnaphthalene
 Concen: 37.40 ng
 RT: 10.88 min Scan# 1521
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

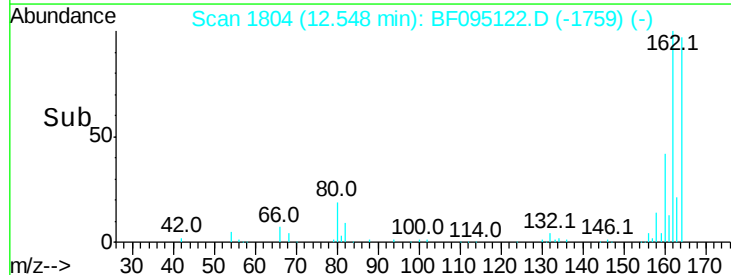
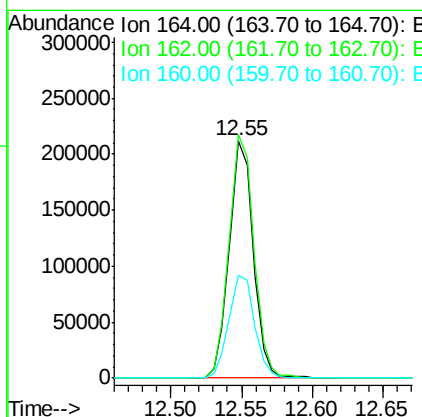
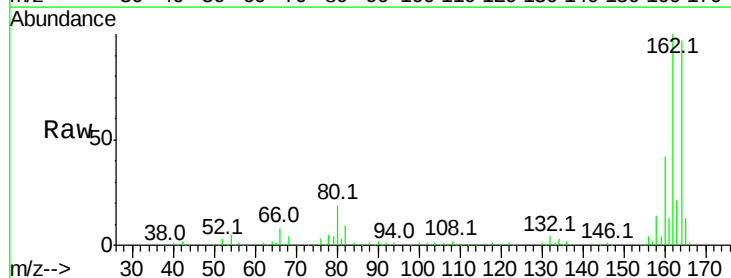
Instrument :
 BNA_F
 ClientSampleId :

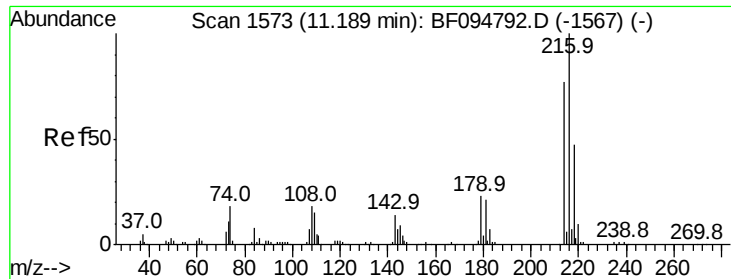
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	31.3	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1804
 Delta R.T. -0.04 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	43.6	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.59 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.03 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 292288

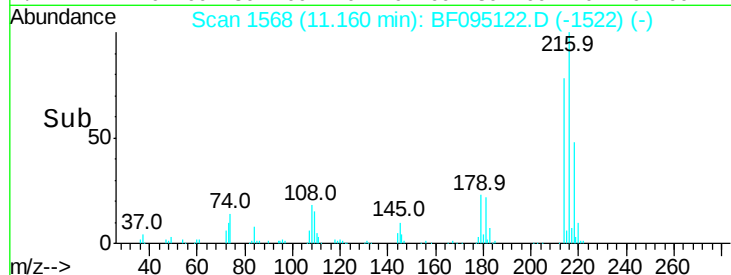
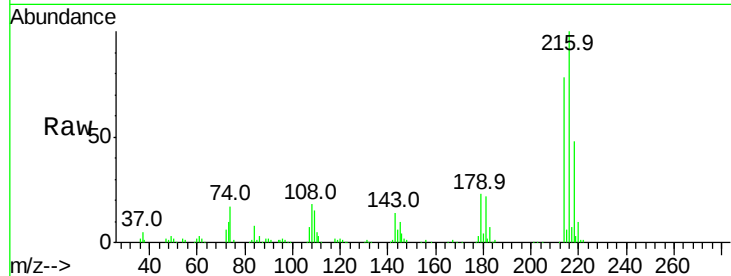
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 22.5 17.9 26.9

108 19.1 16.5 24.7

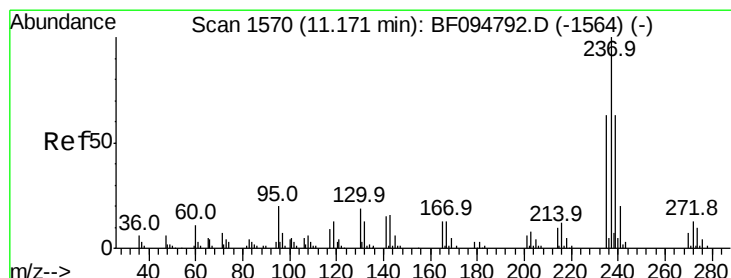
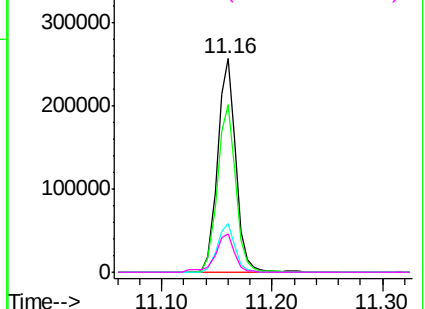


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.63 ng

RT: 11.13 min Scan# 1563

Delta R.T. -0.04 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

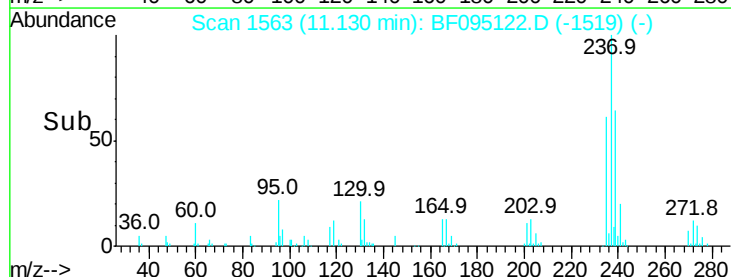
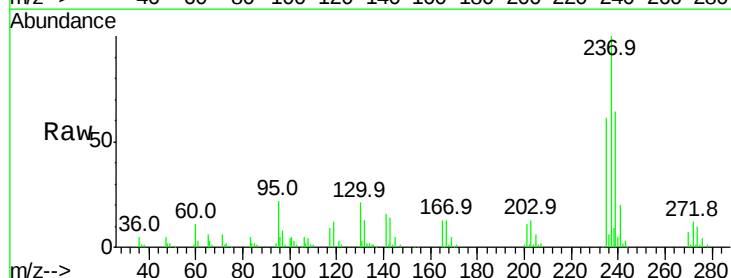
Tgt Ion:237 Resp: 108127

Ion Ratio Lower Upper

237 100

235 61.0 42.6 82.6

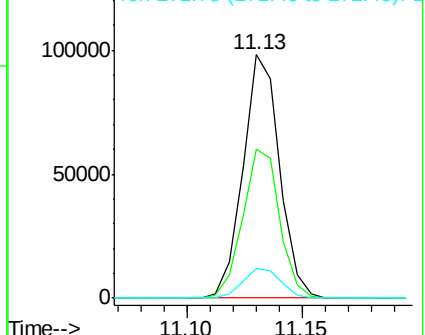
272 12.3 0.0 31.9

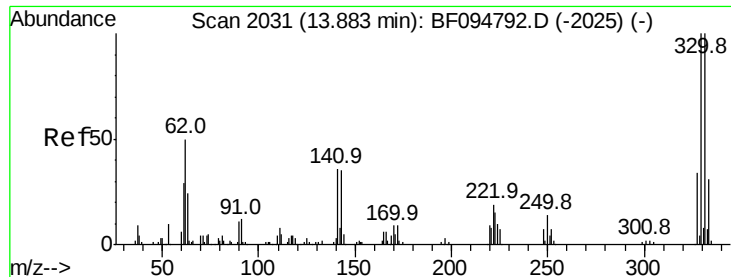


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

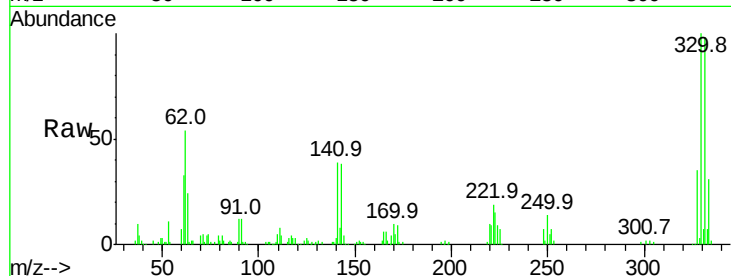




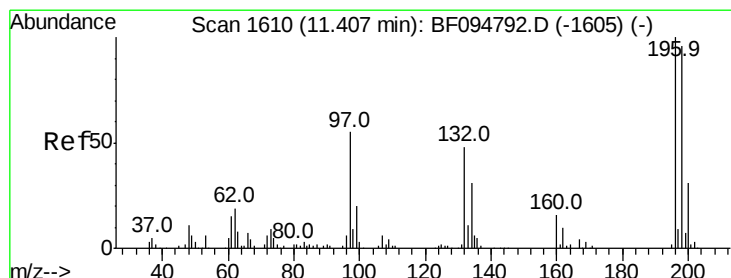
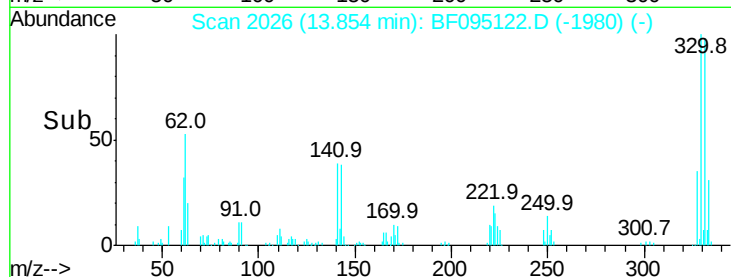
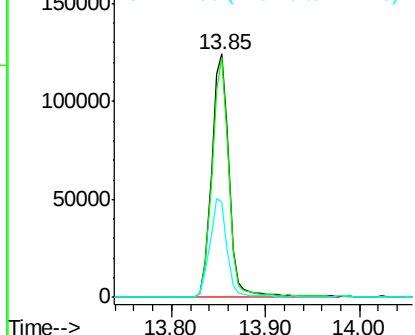
#41
 2,4,6-Tribromophenol
 Concen: 79.12 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 163848
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 115.0
 141 40.3 31.4 47.2

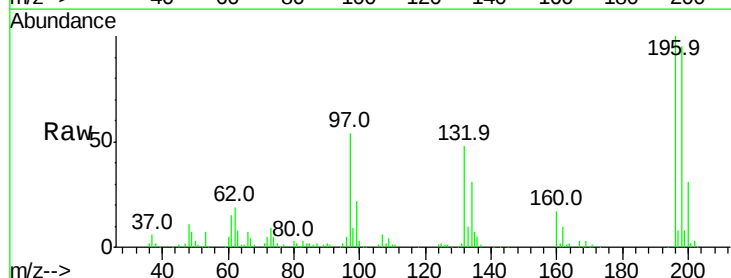


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

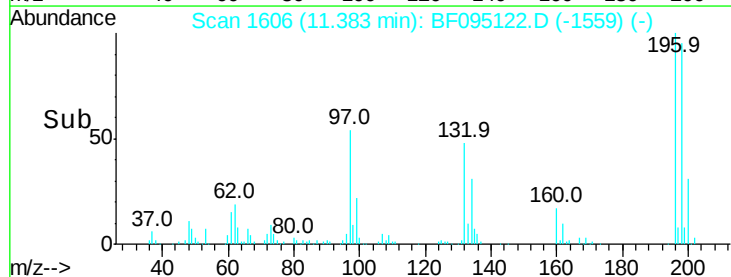
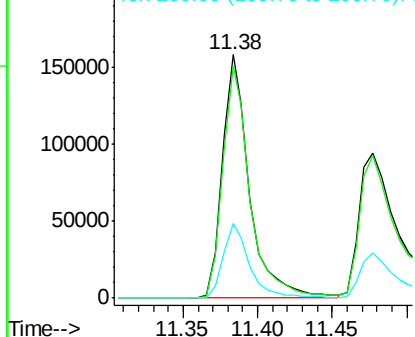


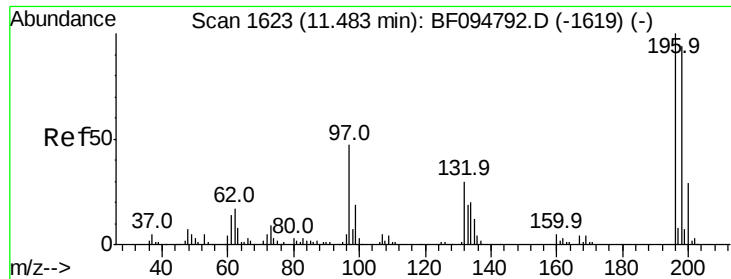
#42
 2,4,6-Trichlorophenol
 Concen: 38.97 ng
 RT: 11.38 min Scan# 1606
 Delta R.T. -0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion:196 Resp: 202315
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.2 111.4
 200 30.7 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

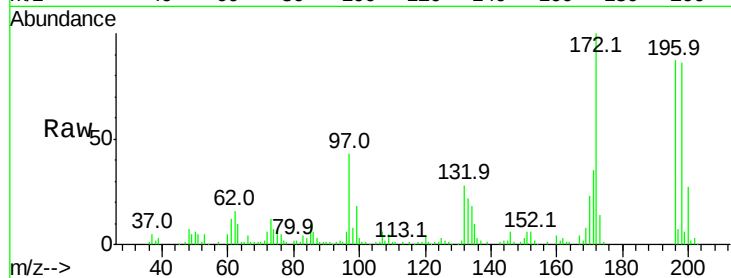




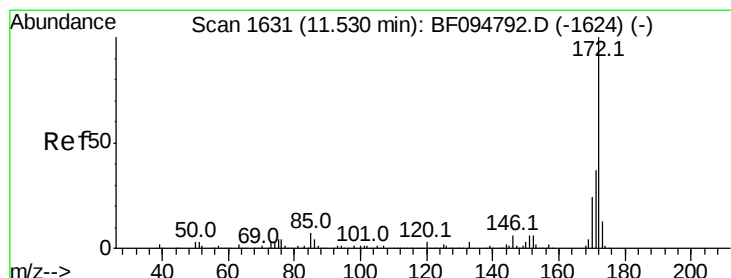
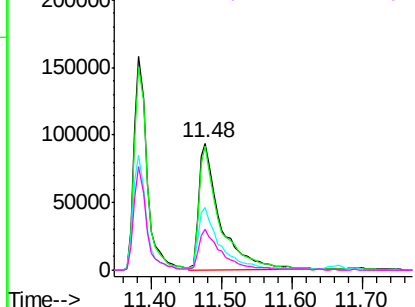
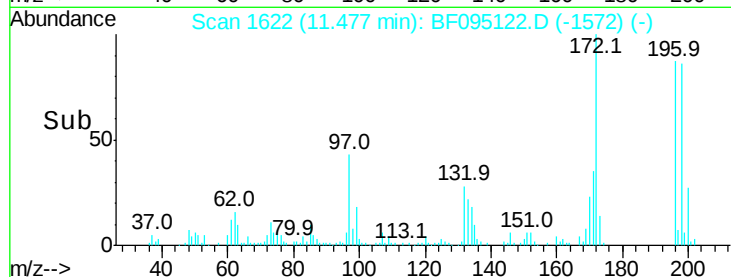
#43
 2,4,5-Trichlorophenol
 Concen: 36.32 ng
 RT: 11.48 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	202698
Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.7	113.5
97	50.0	47.7	71.5
132	32.7	28.0	42.0

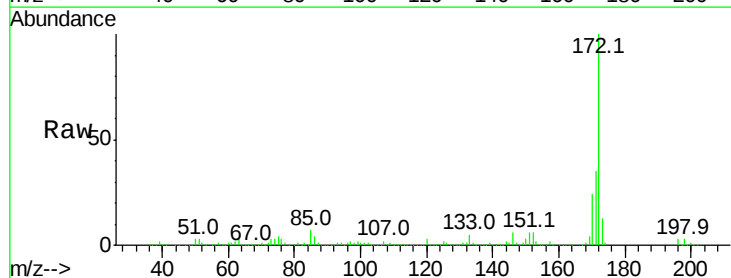


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

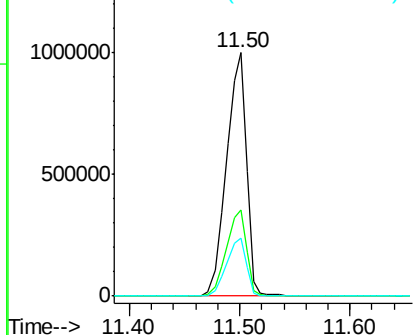
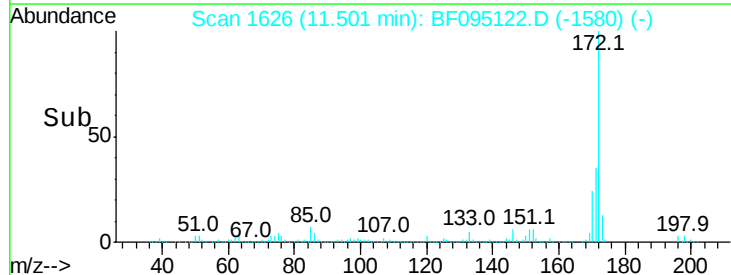


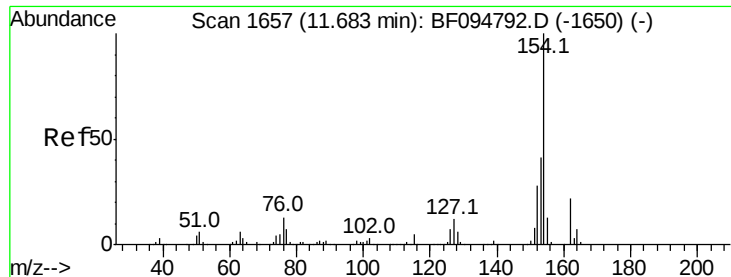
#44
 2-Fluorobiphenyl
 Concen: 72.33 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion:	172	Resp:	1270772
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.8	19.8	29.8



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

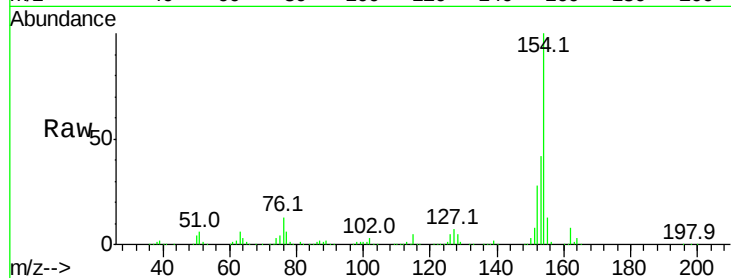




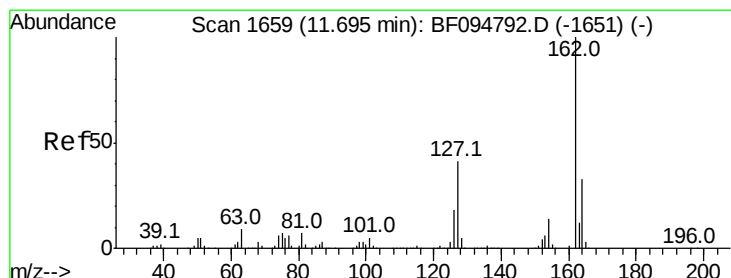
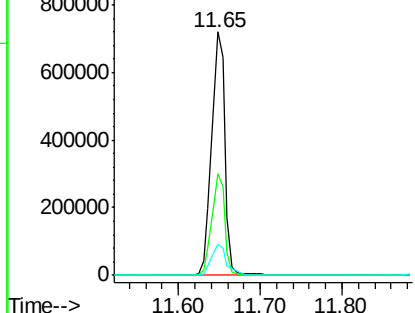
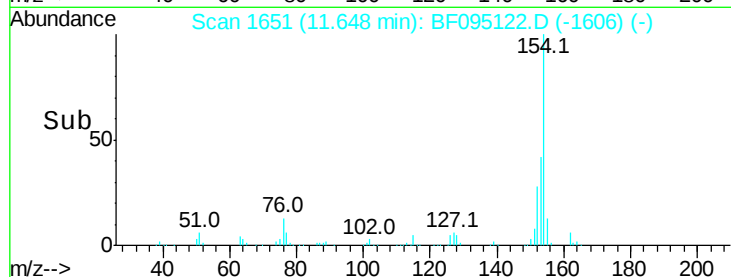
#45
 1,1'-Biphenyl
 Concen: 38.49 ng
 RT: 11.65 min Scan# 1651
 Delta R.T. -0.04 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 819501
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.2 61.2
 76 13.0 0.0 29.9

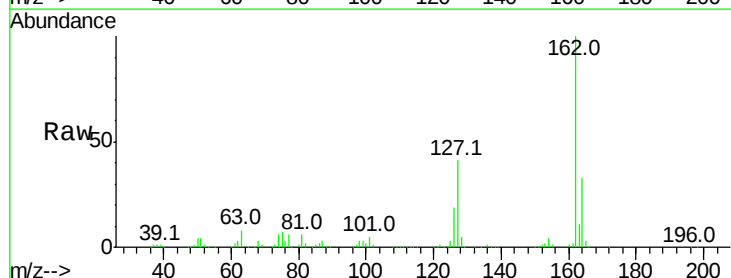


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

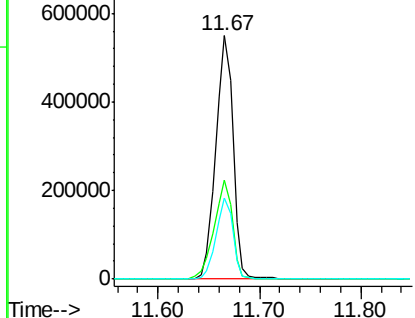
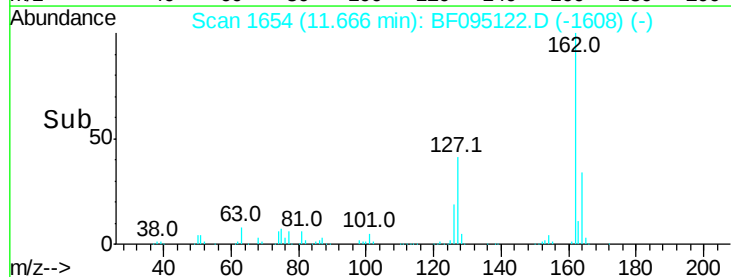


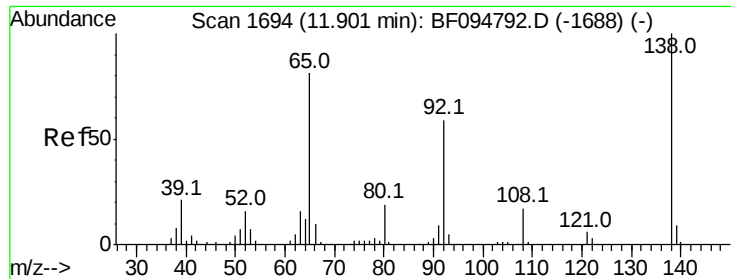
#46
 2-Chloronaphthalene
 Concen: 38.26 ng
 RT: 11.67 min Scan# 1654
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion:162 Resp: 657689
 Ion Ratio Lower Upper
 162 100
 127 40.5 28.3 42.5
 164 33.4 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: 41.55 ng

RT: 11.88 min Scan# 1691

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

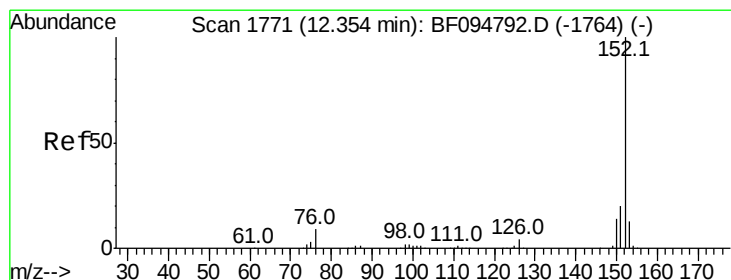
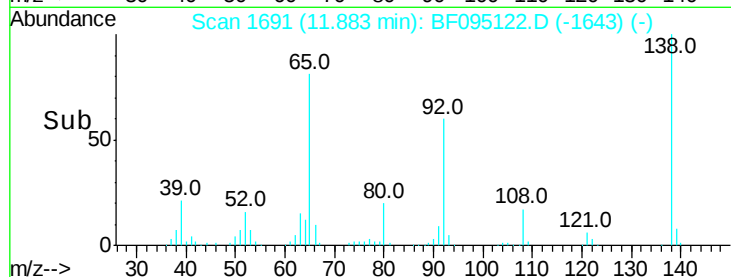
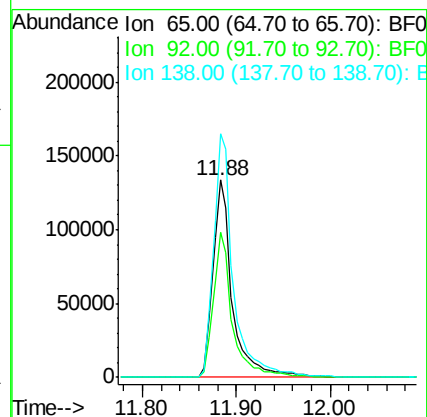
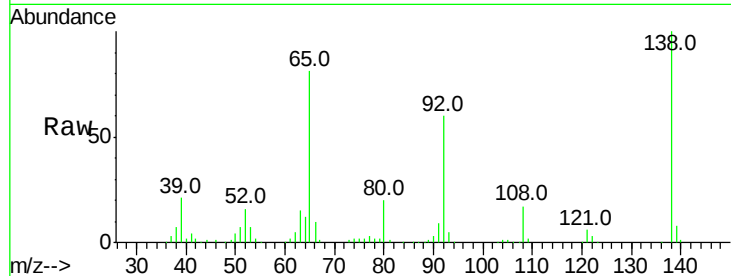
Tot Ion: 65 Resp: 195484

Ion Ratio Lower Upper

65 100

92 73.5 53.9 80.9

138 123.5 78.8 118.2#



#48

Acenaphthylene

Concen: 38.46 ng

RT: 12.32 min Scan# 1766

Delta R.T. -0.03 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

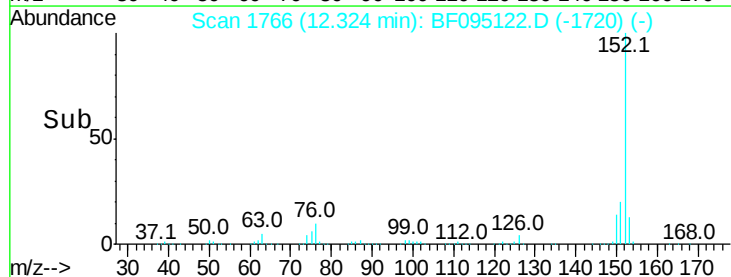
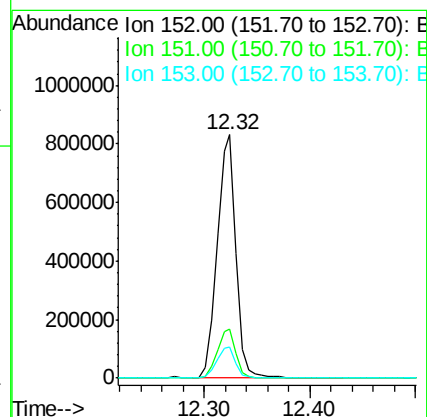
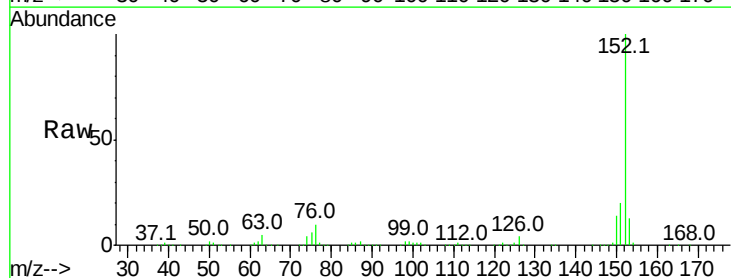
Tgt Ion: 152 Resp: 1035616

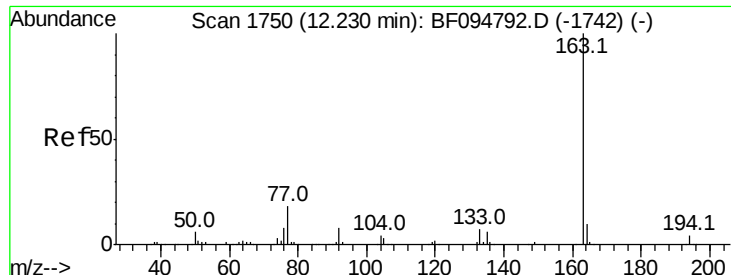
Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 38.76 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

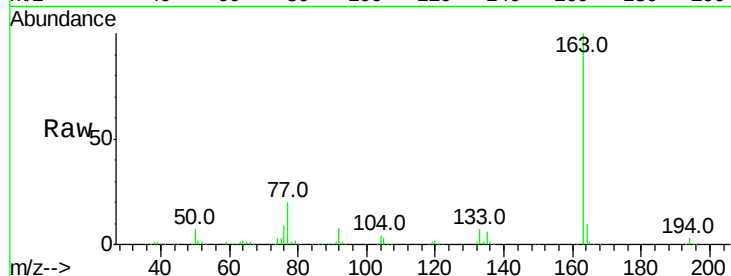
Tot Ion:163 Resp: 804555

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

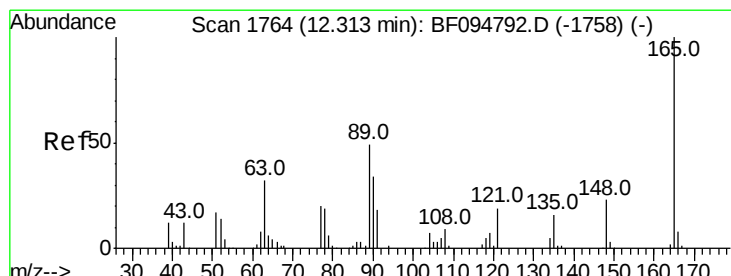
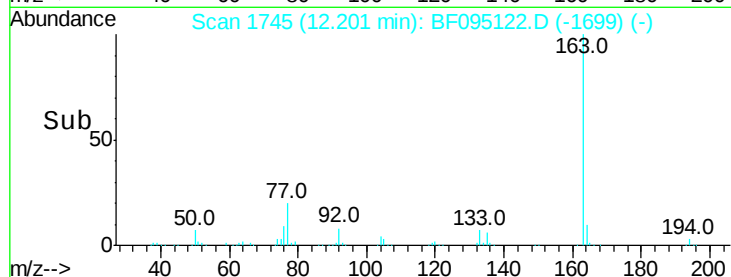
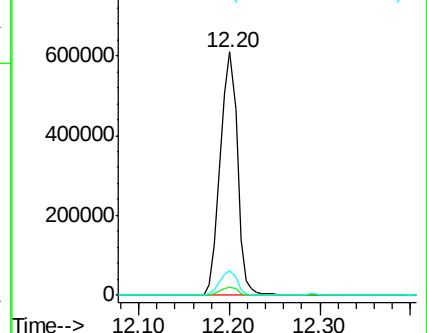
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.76 ng

RT: 12.29 min Scan# 1761

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

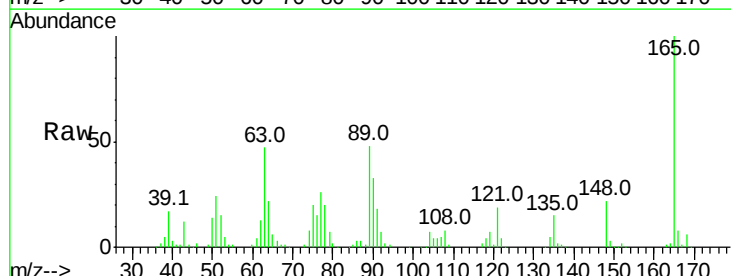
Tgt Ion:165 Resp: 172617

Ion Ratio Lower Upper

165 100

63 47.2 34.3 51.5

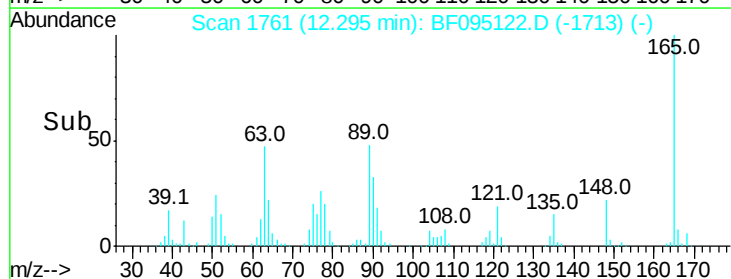
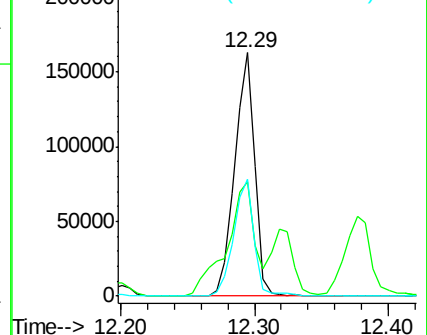
89 48.0 37.1 55.7

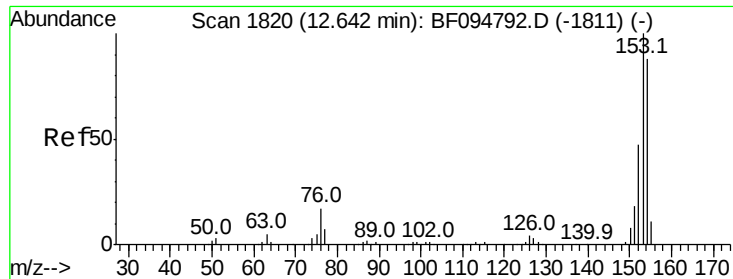


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.20 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.04 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

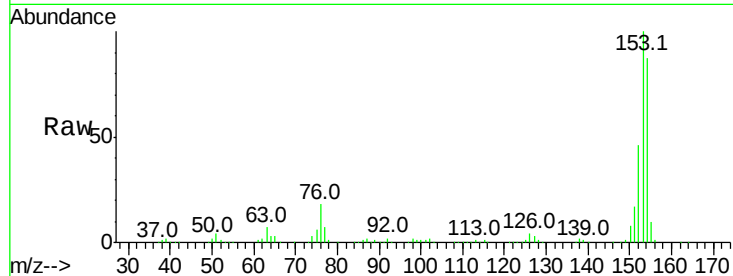
Tot Ion:154 Resp: 582259

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

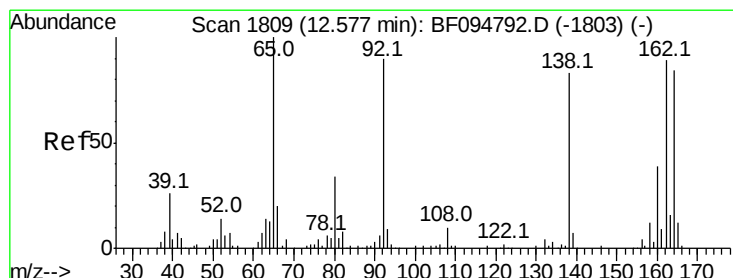
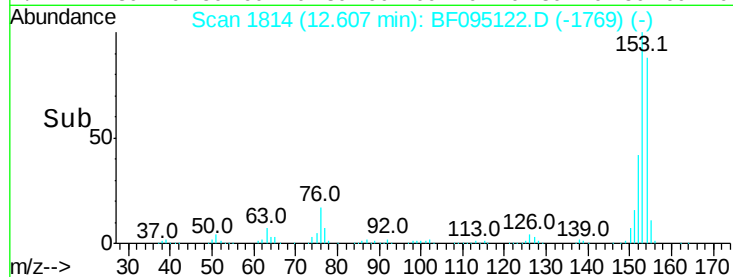
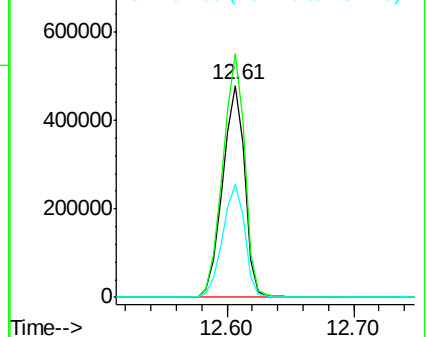
152 53.4 43.6 65.4



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: 43.18 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

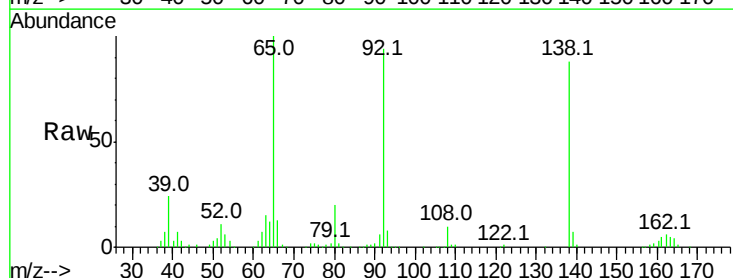
Tgt Ion:138 Resp: 196255

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

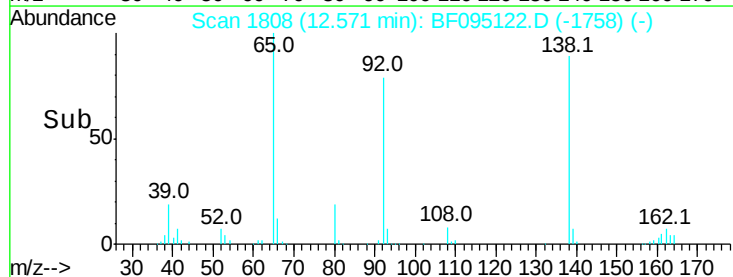
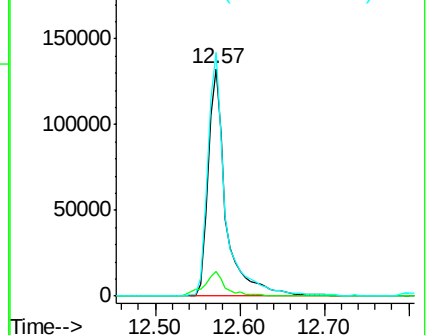
92 107.1 93.8 140.6

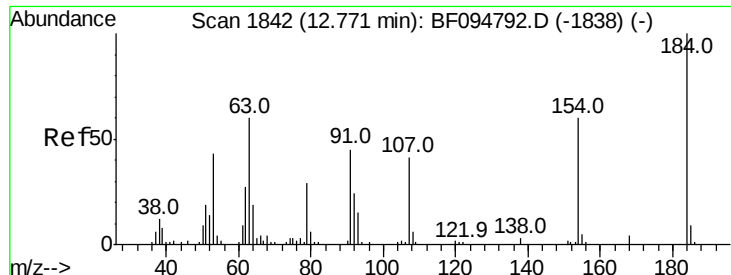


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

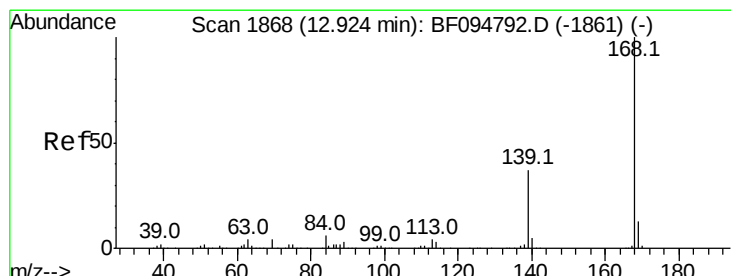
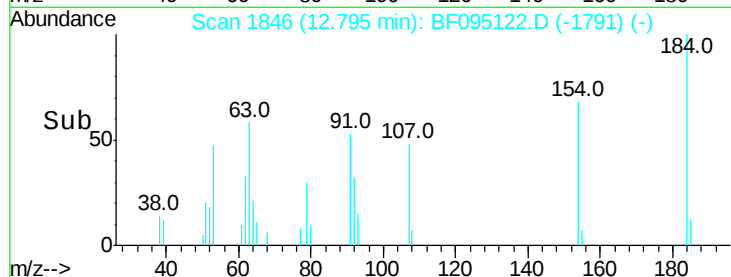
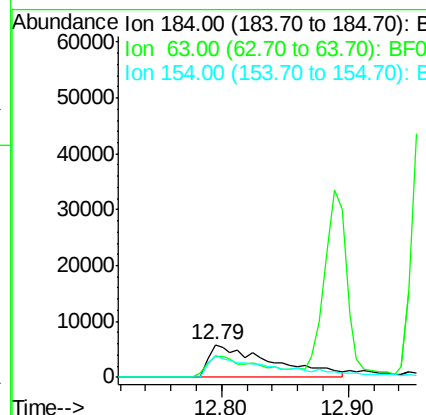
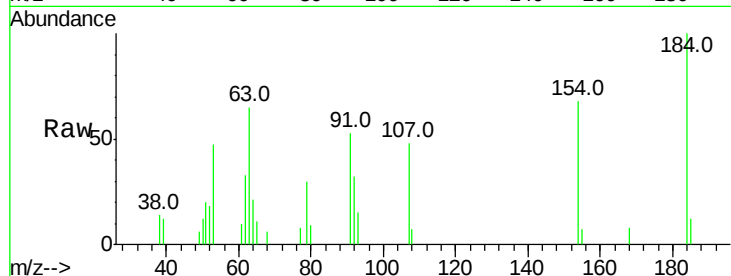




#53
 2,4-Dinitrophenol
 Concen: 14.09 ng
 RT: 12.79 min Scan# 1846
 Delta R.T. 0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

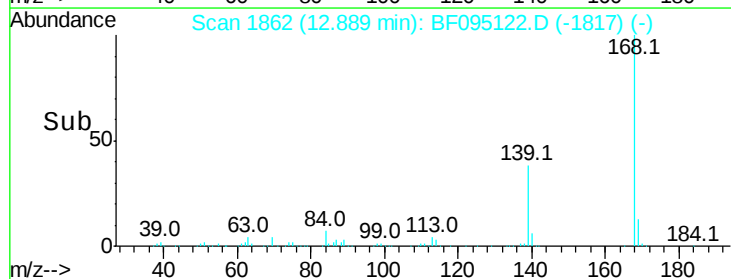
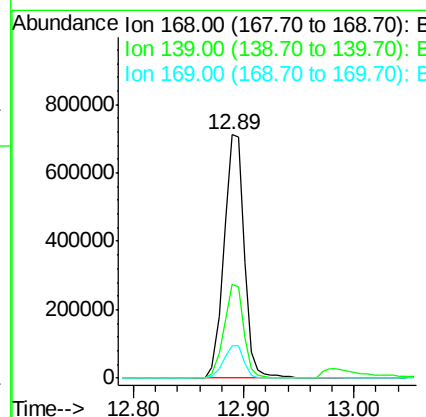
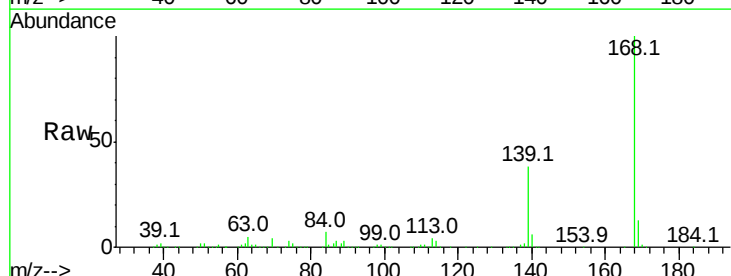
Instrument :
 BNA_F
 ClientSampled :

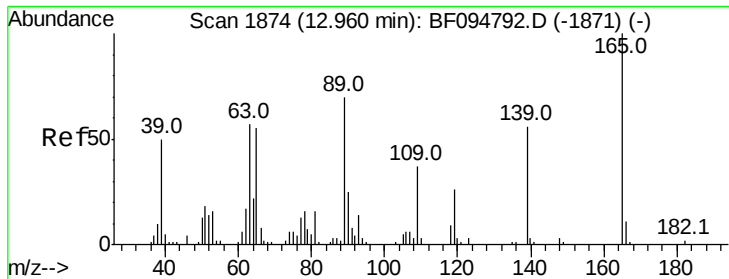
Tot Ion:184 Resp: 19845
 Ion Ratio Lower Upper
 184 100
 63 65.4 62.7 94.1
 154 68.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.00 ng
 RT: 12.89 min Scan# 1862
 Delta R.T. -0.04 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion:168 Resp: 912473
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.6 45.8
 169 13.4 10.8 16.2

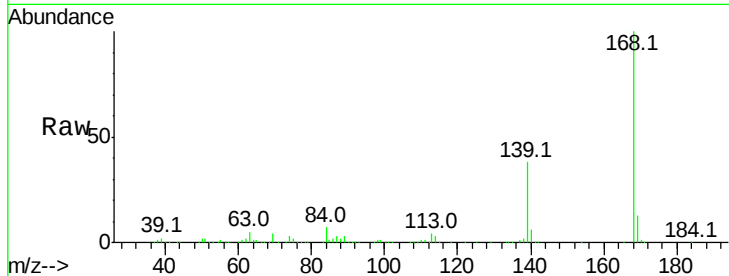




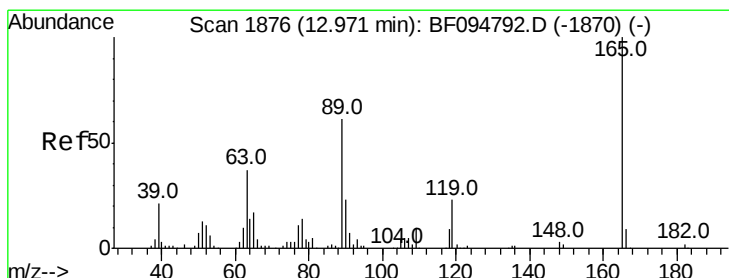
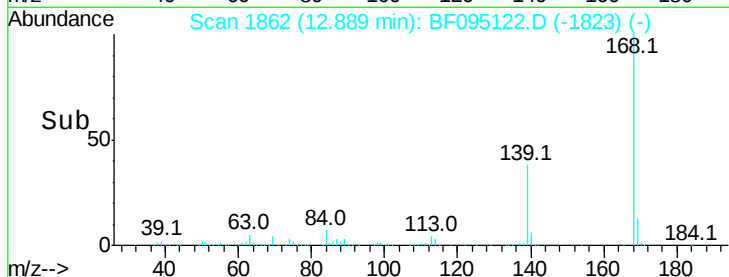
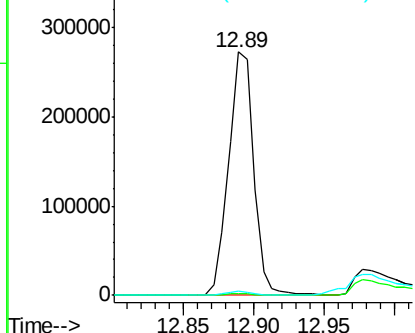
#55
4-Nitrophenol
Concen: 124.34 ng
RT: 12.89 min Scan# 1862
Delta R.T. -0.07 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.7	34.1	74.1#
65	1.5	31.4	71.4#



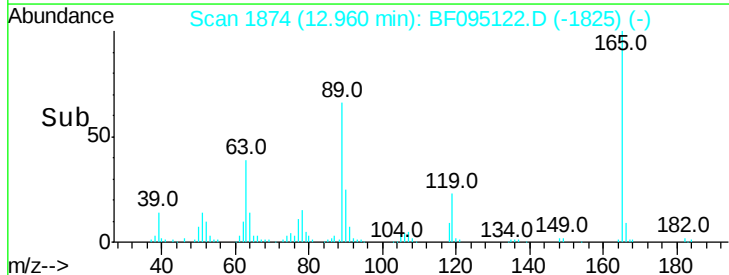
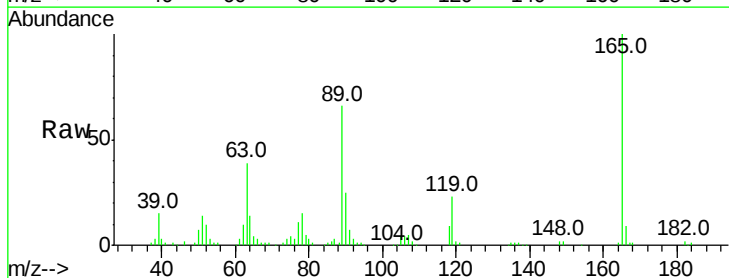
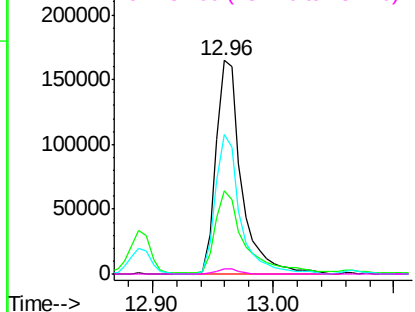
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

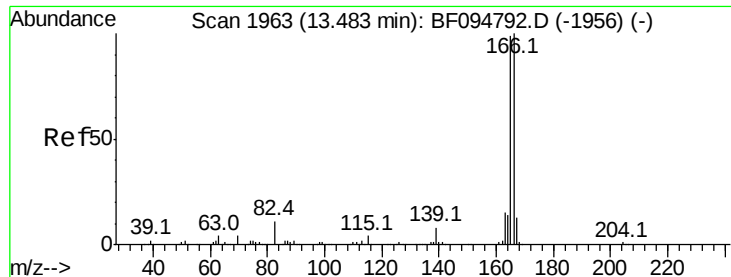


#56
2,4-Dinitrotoluene
Concen: 43.80 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.8	25.4	38.0#
89	65.5	46.4	69.6
182	2.3	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: 39.86 ng

RT: 13.45 min Scan# 1957

Delta R.T. -0.04 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

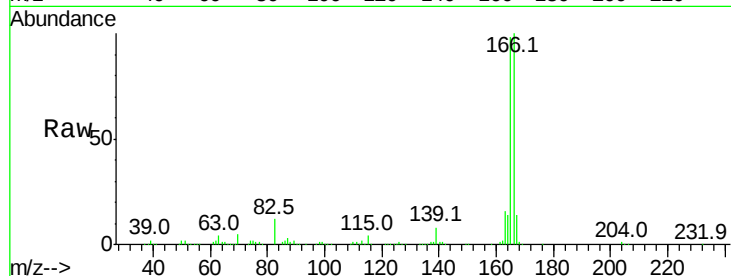
Tot Ion:166 Resp: 771310

Ion Ratio Lower Upper

166 100

165 98.4 78.8 118.2

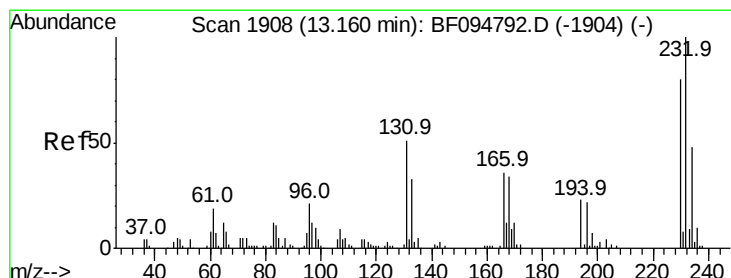
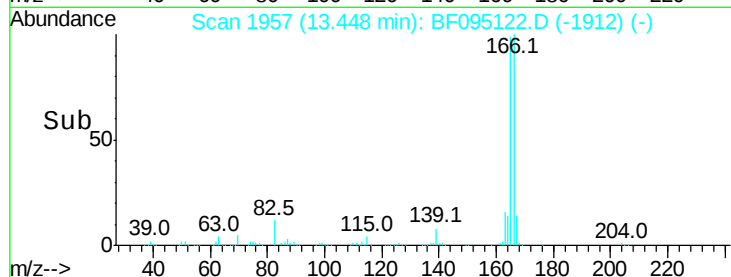
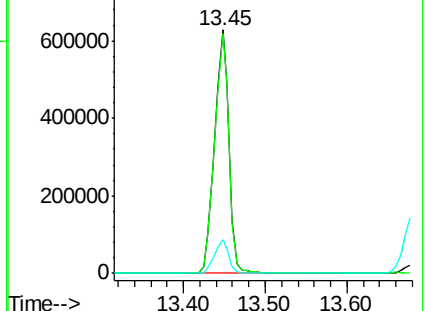
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.92 ng

RT: 13.14 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Tgt Ion:232 Resp: 143727

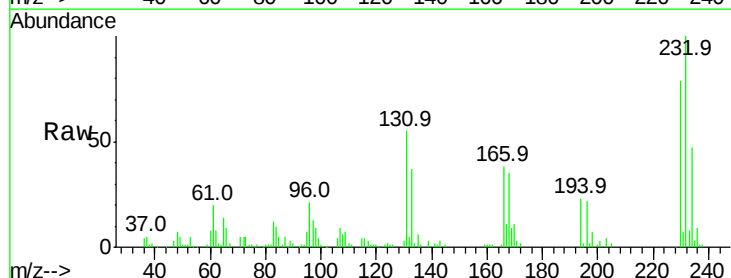
Ion Ratio Lower Upper

232 100

131 52.2 44.8 67.2

130 2.4 2.3 3.5

166 33.6 29.0 43.4

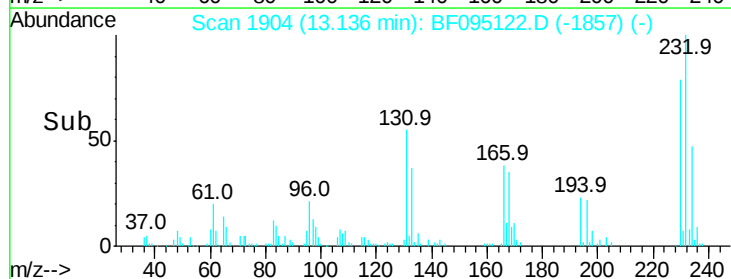
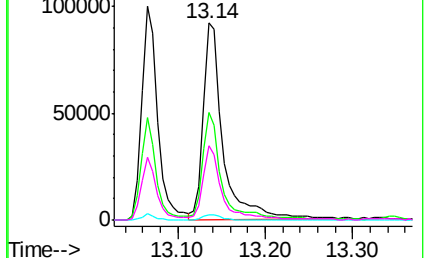


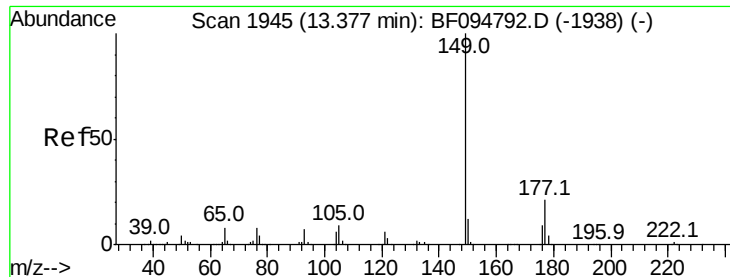
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

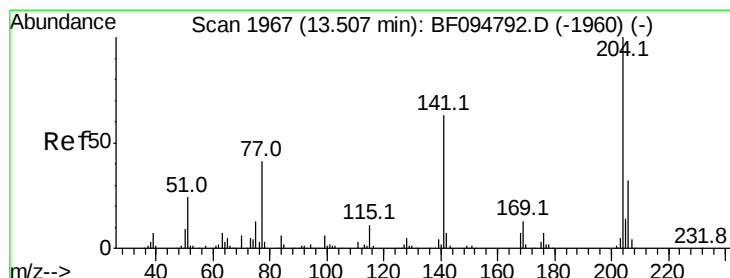
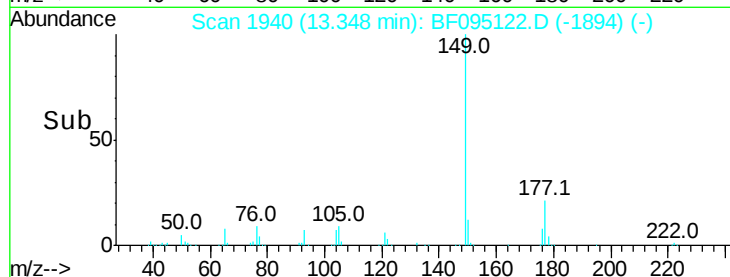
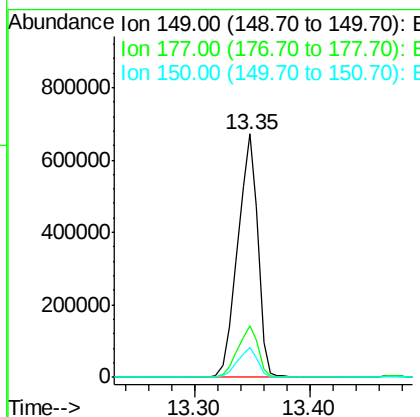
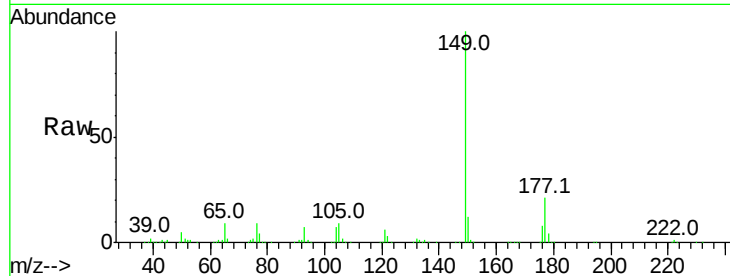




#59
Diethylphthalate
Concen: 40.78 ng
RT: 13.35 min Scan# 1940
Delta R.T. -0.03 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

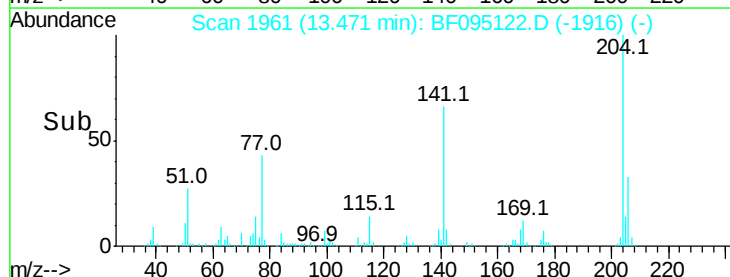
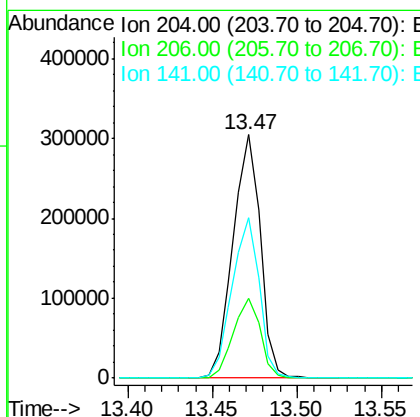
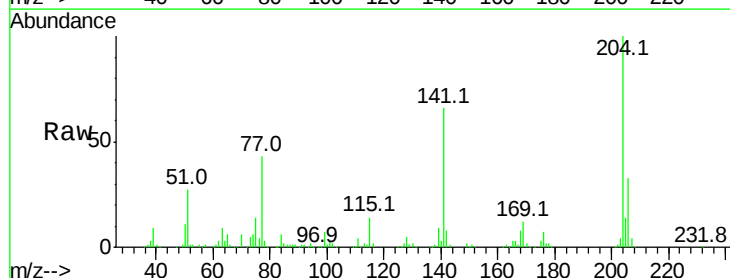
Instrument :
BNA_F
ClientSampled :

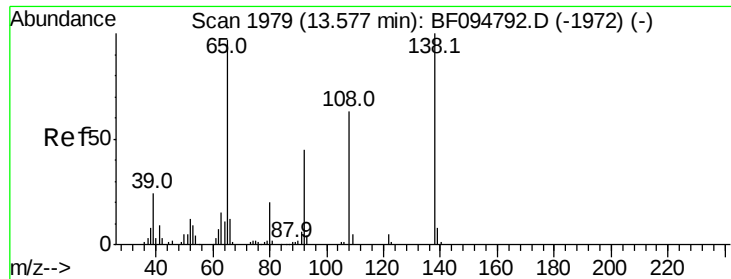
Tot Ion:149 Resp: 811406
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.46 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.04 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion:204 Resp: 344103
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 66.1 60.8 91.2

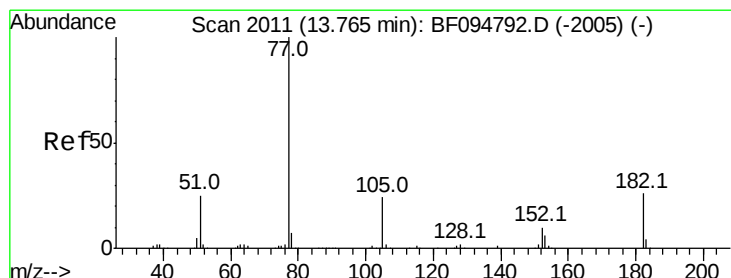
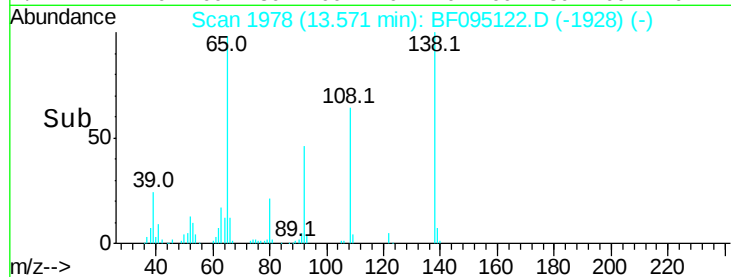
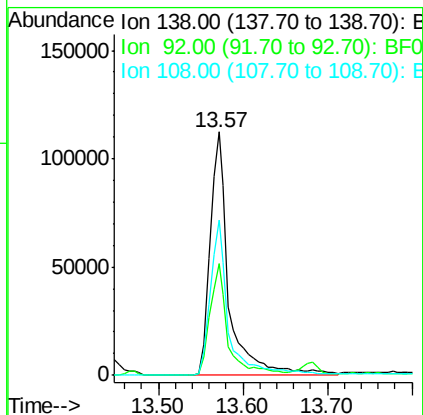
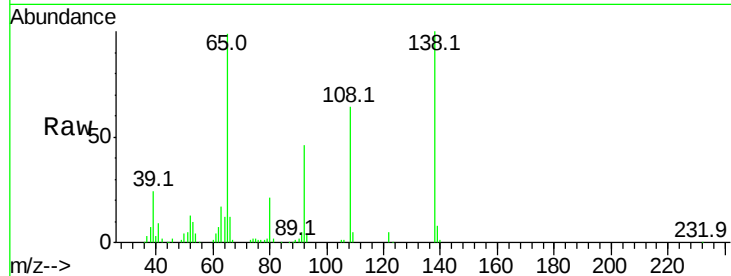




#61
4-Nitroaniline
Concen: 42.78 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

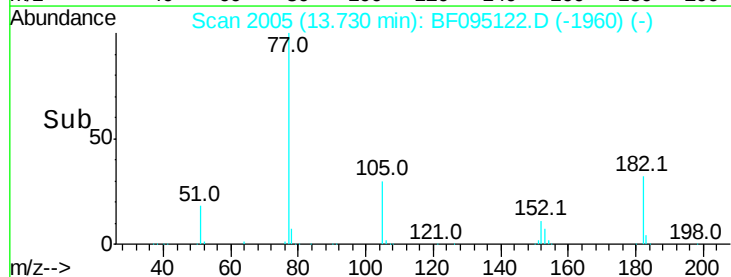
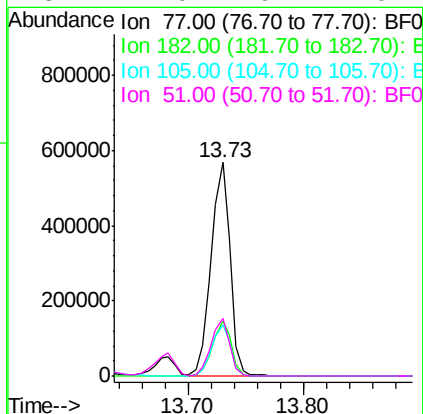
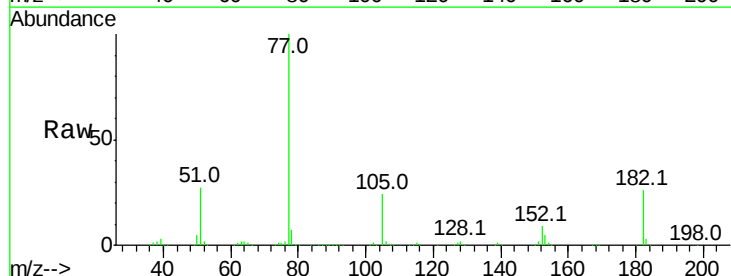
Instrument :
BNA_F
ClientSampled :

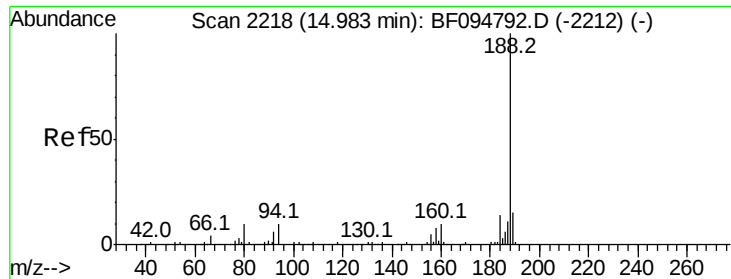
Tot Ion:138 Resp: 178508
Ion Ratio Lower Upper
138 100
92 46.1 21.8 61.8
108 63.5 42.3 82.3



#62
Azobenzene
Concen: 40.52 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion: 77 Resp: 647846
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 23.8 3.6 43.6
51 27.0 9.4 49.4

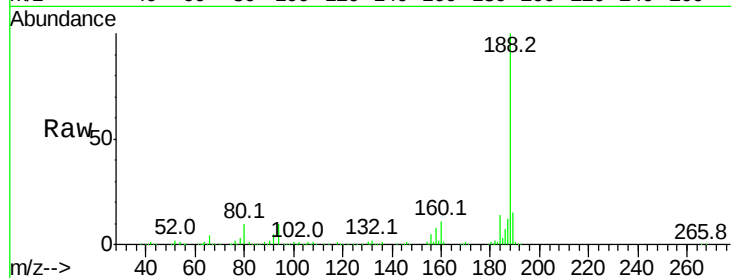




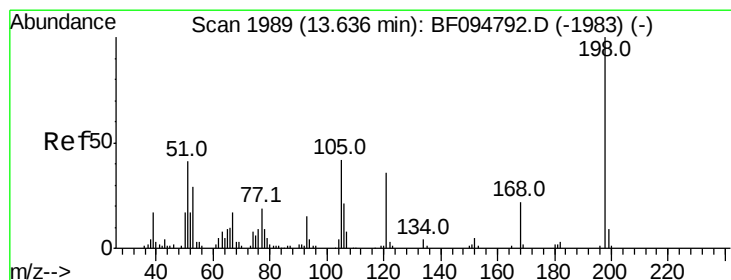
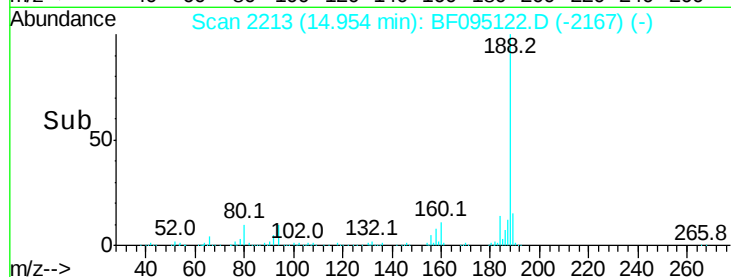
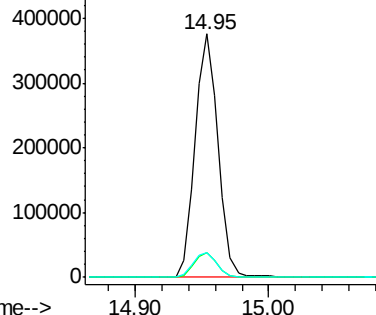
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 456783
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.2 10.2 15.2#

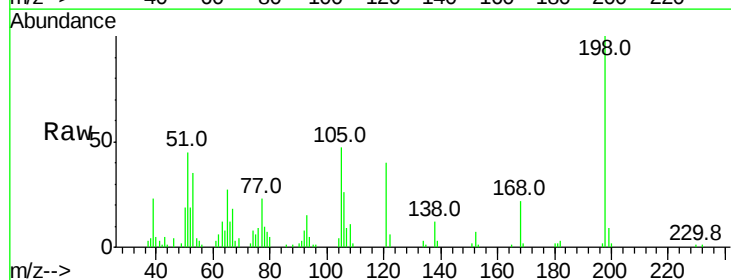


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

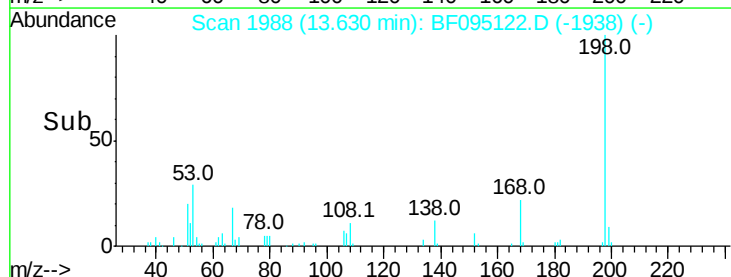
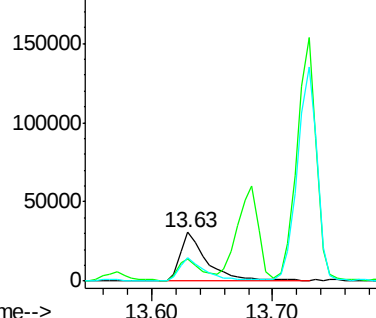


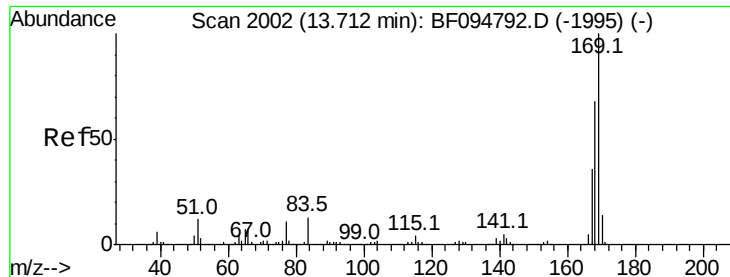
#64
4,6-Dinitro-2-methylphenol
Concen: 15.43 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion:198 Resp: 47250
Ion Ratio Lower Upper
198 100
51 44.8 53.2 93.2#
105 47.1 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: 36.11 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

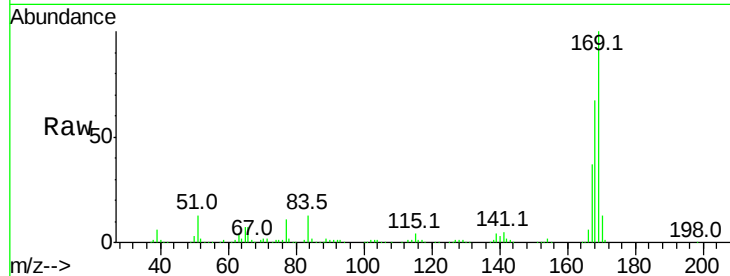
Tot Ion:169 Resp: 598714

Ion Ratio Lower Upper

169 100

168 66.6 53.2 79.8

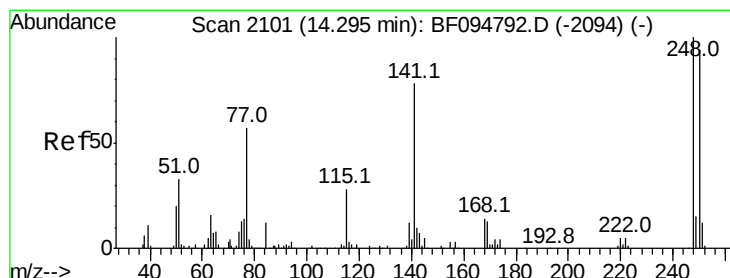
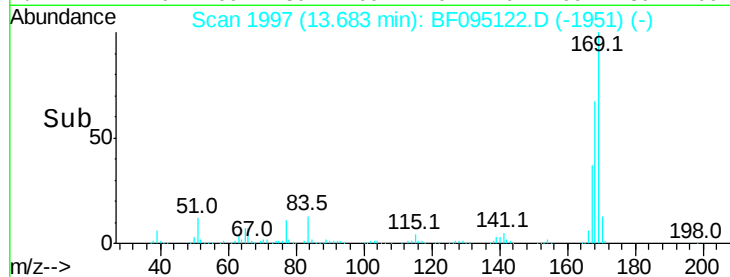
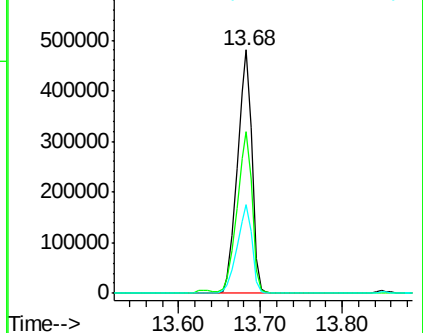
167 36.5 29.5 44.3



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: 39.62 ng

RT: 14.26 min Scan# 2095

Delta R.T. -0.04 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

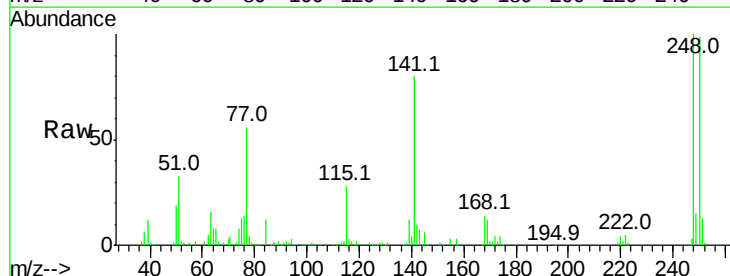
Tgt Ion:248 Resp: 191221

Ion Ratio Lower Upper

248 100

250 98.7 76.8 115.2

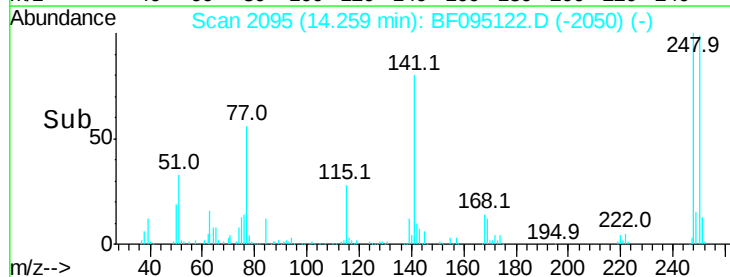
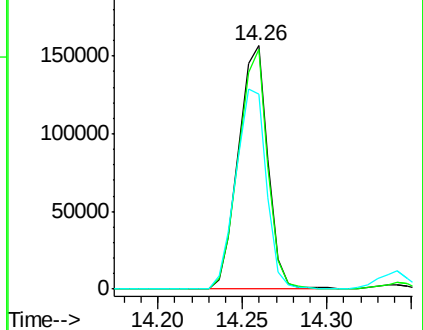
141 79.8 68.6 103.0

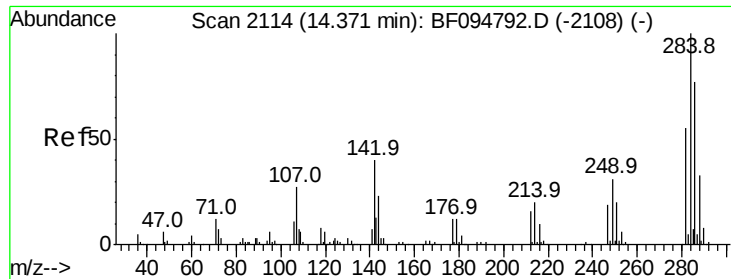


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.08 ng

RT: 14.34 min Scan# 2109

Delta R.T. -0.03 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

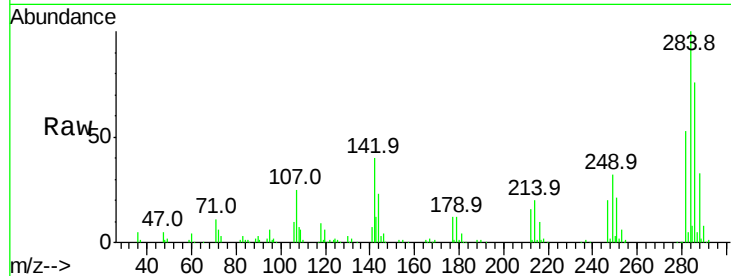
Tot Ion:284 Resp: 193284

Ion Ratio Lower Upper

284 100

142 39.8 22.8 34.2#

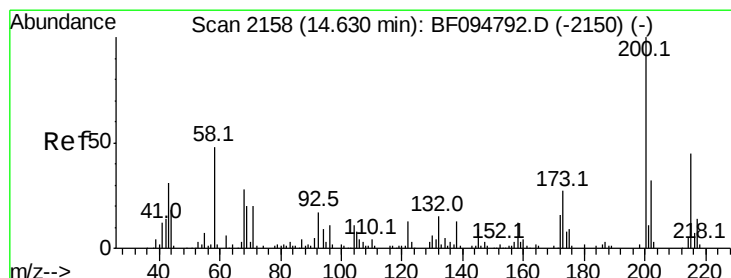
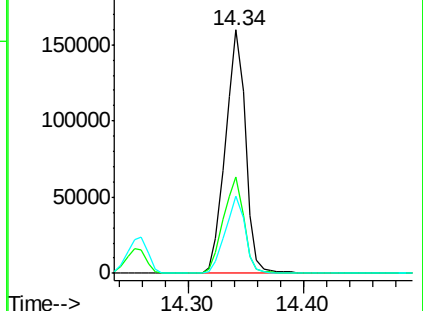
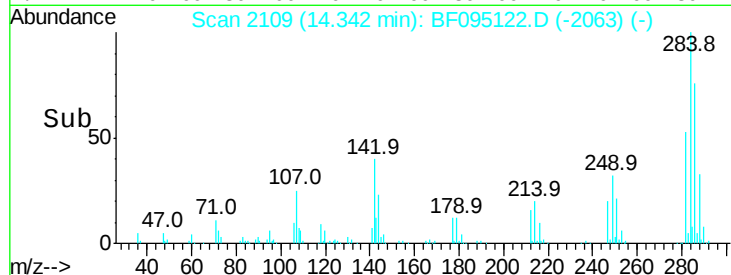
249 32.0 24.0 36.0



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: 38.94 ng

RT: 14.61 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

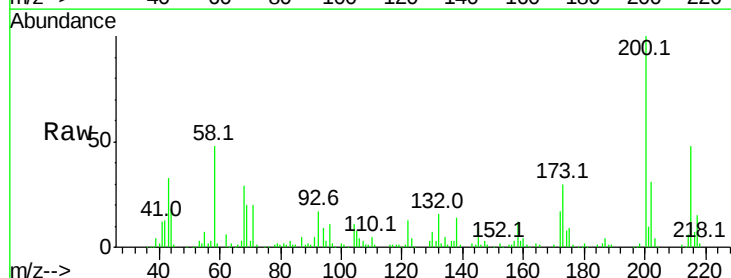
Tgt Ion:200 Resp: 182281

Ion Ratio Lower Upper

200 100

173 29.5 6.3 46.3

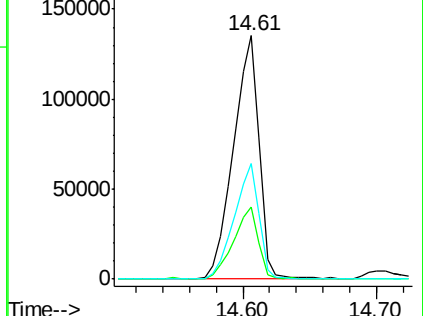
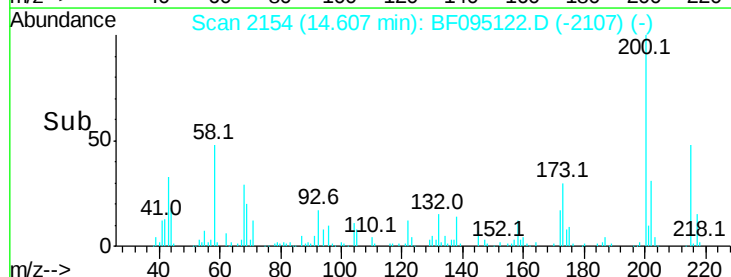
215 47.6 27.2 67.2

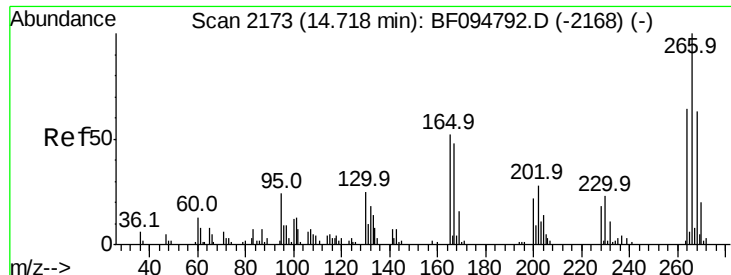


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

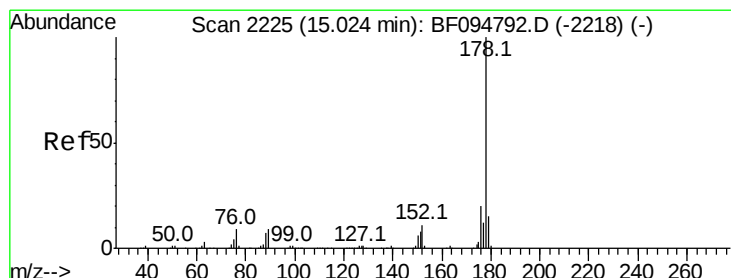
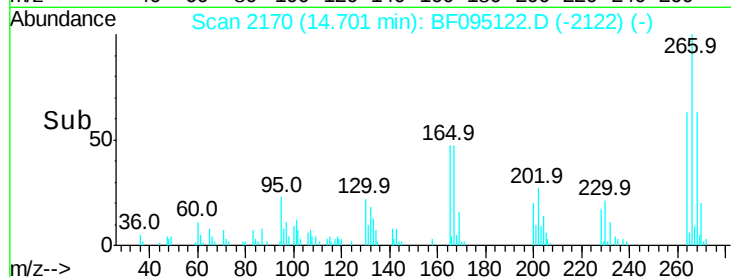
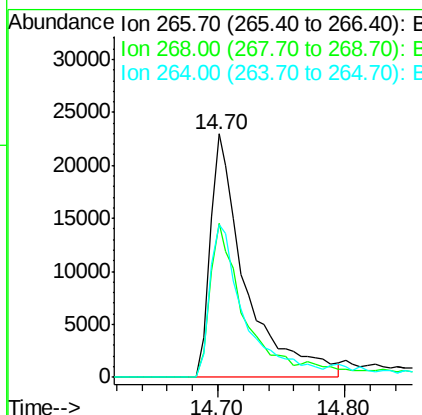
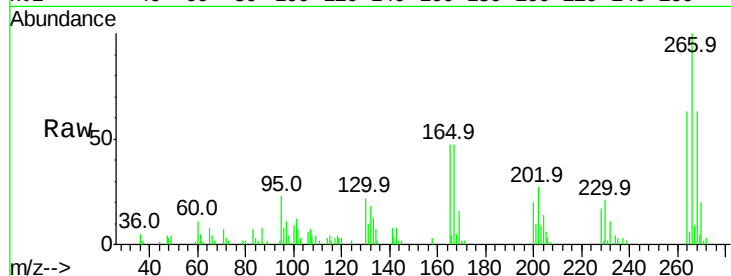




#69
 Pentachlorophenol
 Concen: 24.38 ng
 RT: 14.70 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

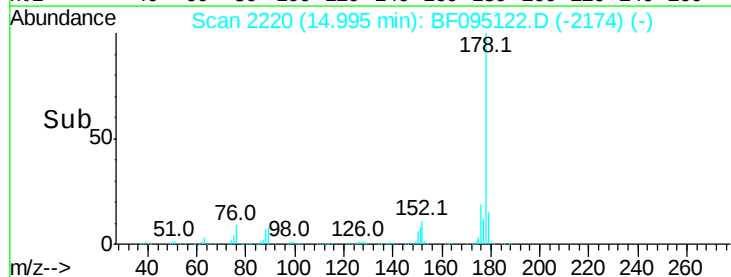
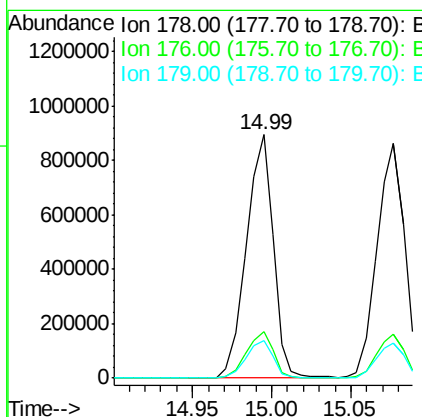
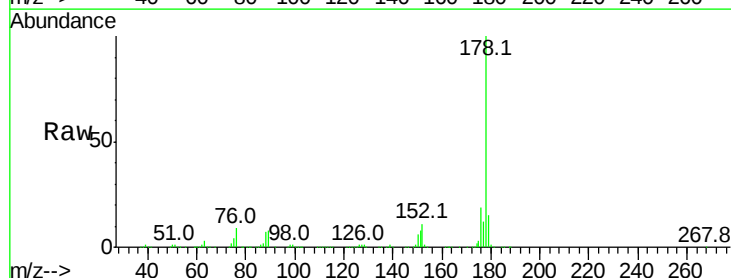
Instrument :
 BNA_F
 ClientSampleId :

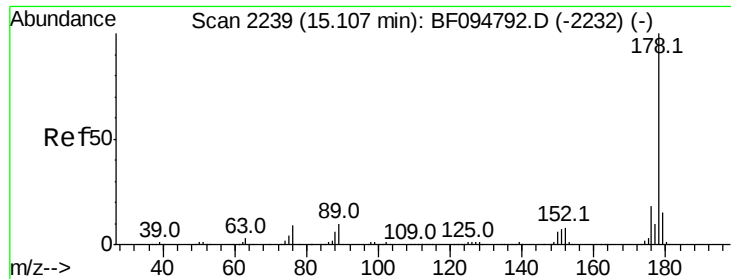
Tot Ion:266 Resp: 44677
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 62.5 51.7 77.5



#70
 Phenanthrene
 Concen: 40.12 ng
 RT: 14.99 min Scan# 2220
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion:178 Resp: 1052898
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.2 12.6 19.0

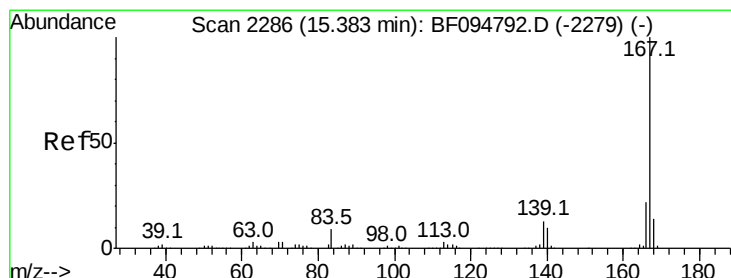
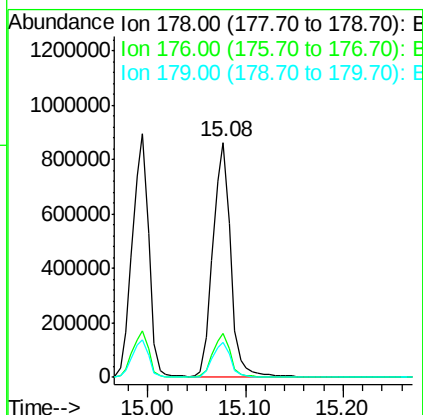
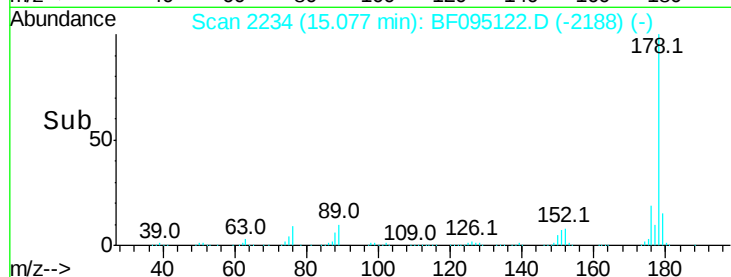
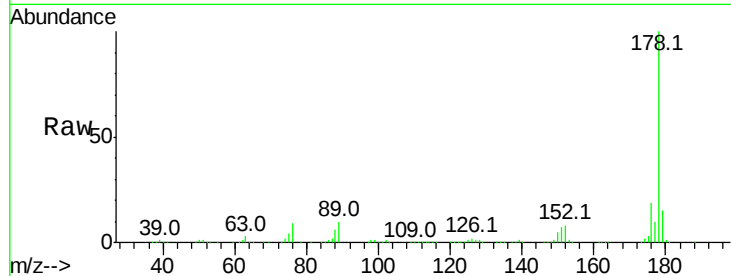




#71
 Anthracene
 Concen: 40.81 ng
 RT: 15.08 min Scan# 2234
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

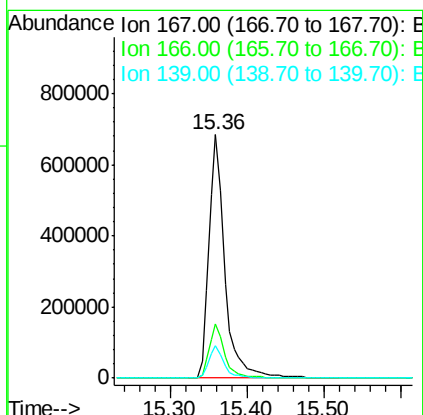
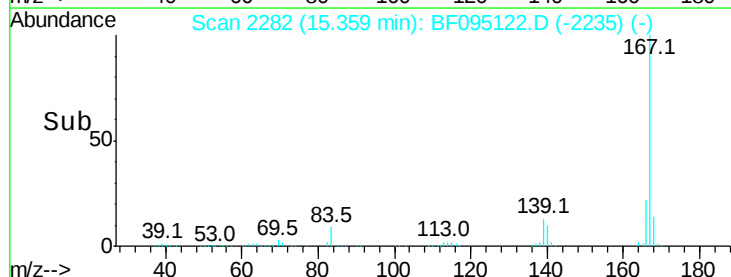
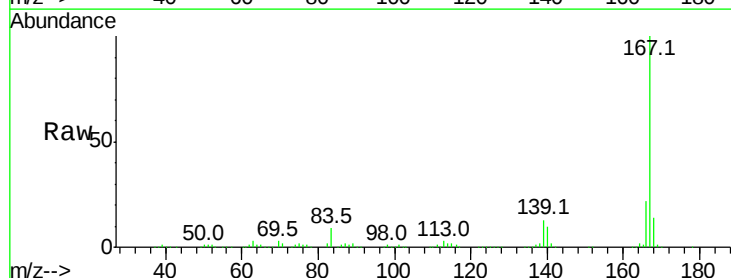
Instrument :
 BNA_F
 ClientSampled :

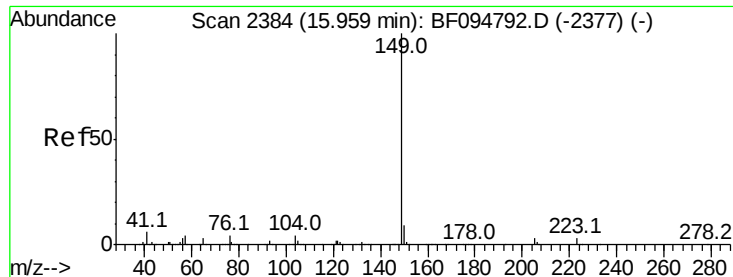
Tot Ion:178 Resp: 1093983
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 39.87 ng
 RT: 15.36 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion:167 Resp: 972643
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.3 11.7 17.5

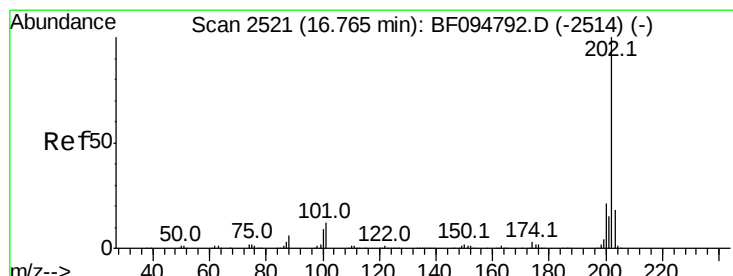
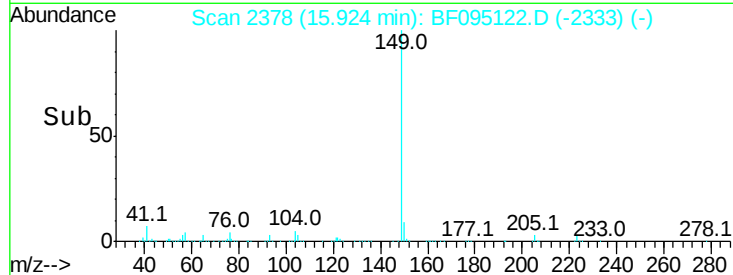
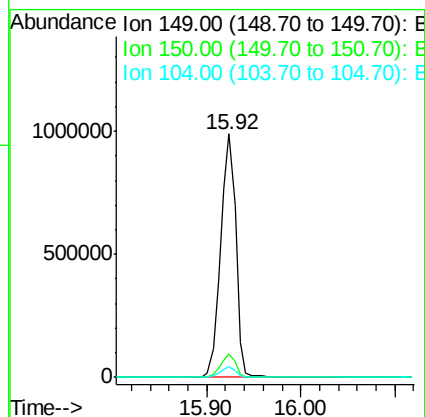
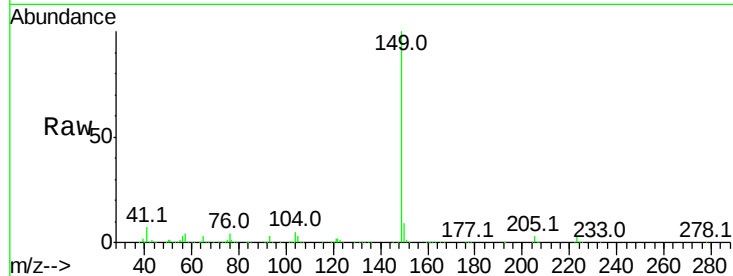




#73
Di-n-butylphthalate
Concen: 36.95 ng
RT: 15.92 min Scan# 2378
Delta R.T. -0.04 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

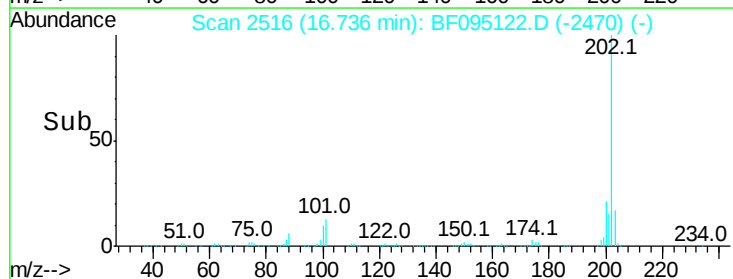
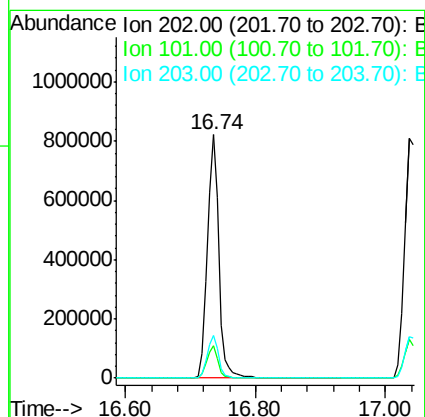
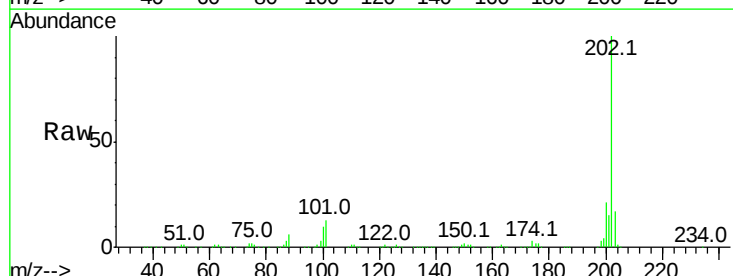
Instrument :
BNA_F
ClientSampled :

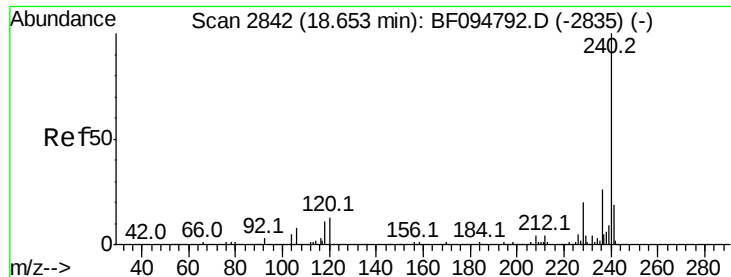
Tot Ion:149 Resp: 1123941
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 37.29 ng
RT: 16.74 min Scan# 2516
Delta R.T. -0.03 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion:202 Resp: 1003947
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

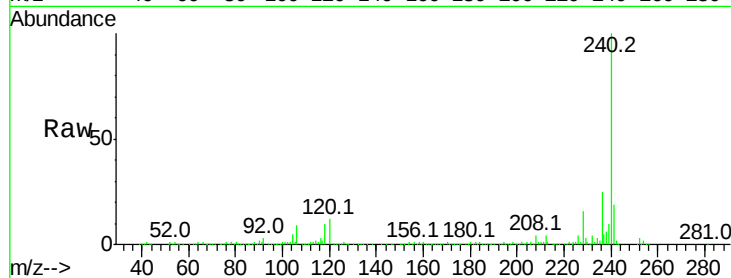
Tot Ion:240 Resp: 368481

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

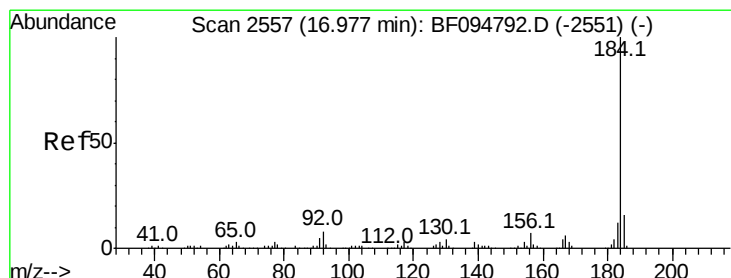
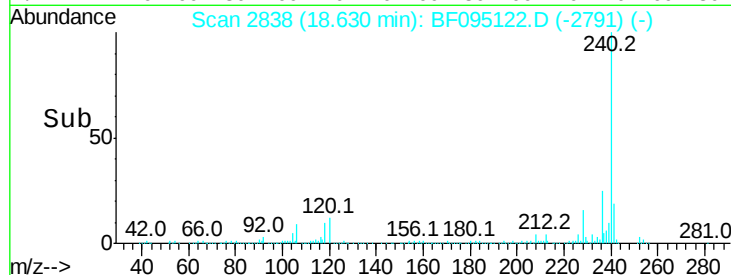
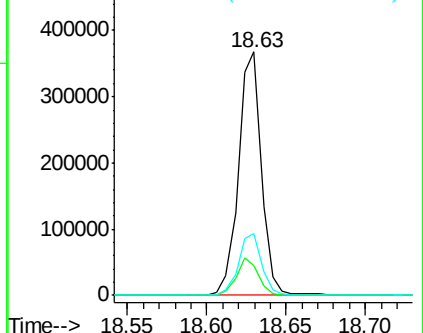
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.97 ng

RT: 16.96 min Scan# 2554

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

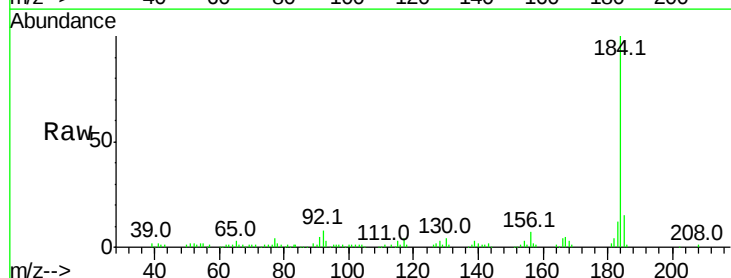
Tgt Ion:184 Resp: 189185

Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

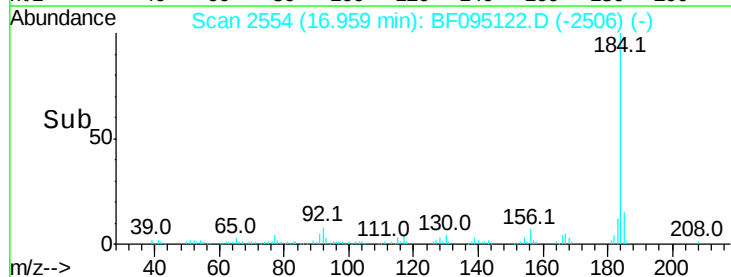
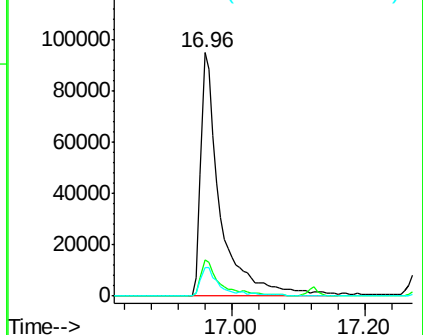
183 11.7 9.8 14.6

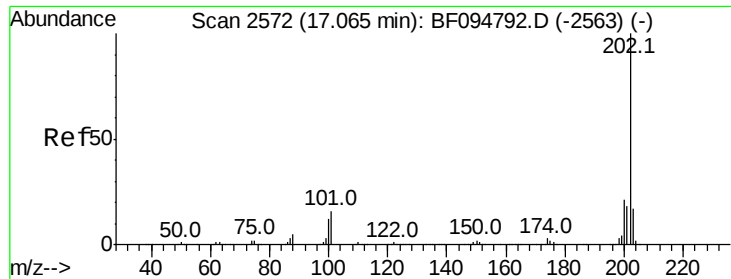


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.77 ng

RT: 17.04 min Scan# 2567

Delta R.T. -0.03 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

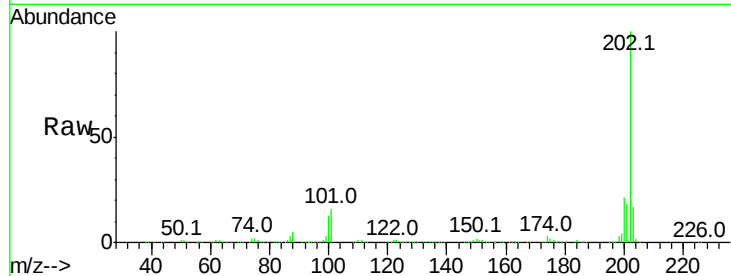
Tot Ion:202 Resp: 1040998

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

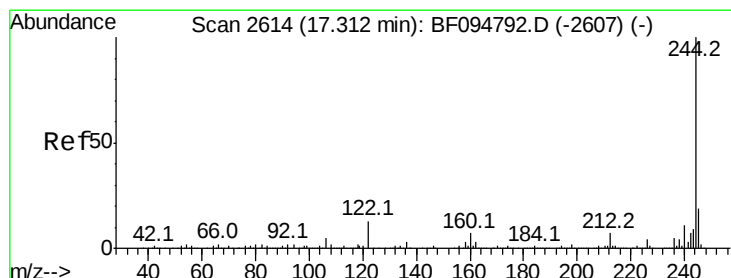
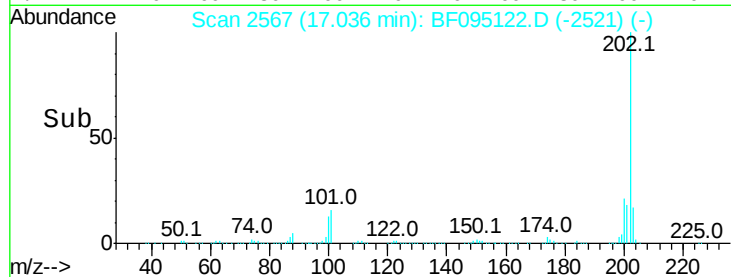
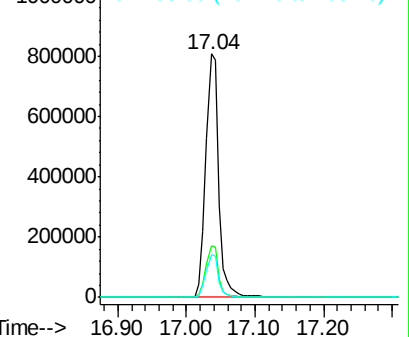
203 17.4 14.4 21.6



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: 72.58 ng

RT: 17.28 min Scan# 2609

Delta R.T. -0.03 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

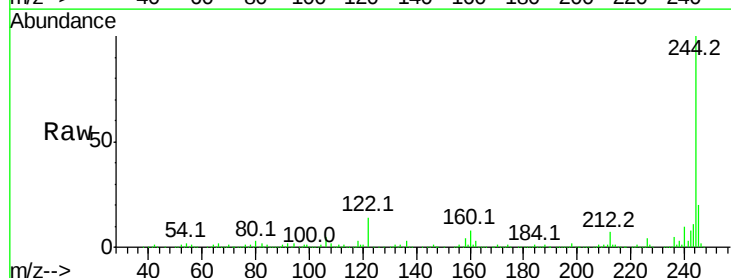
Tgt Ion:244 Resp: 1214243

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

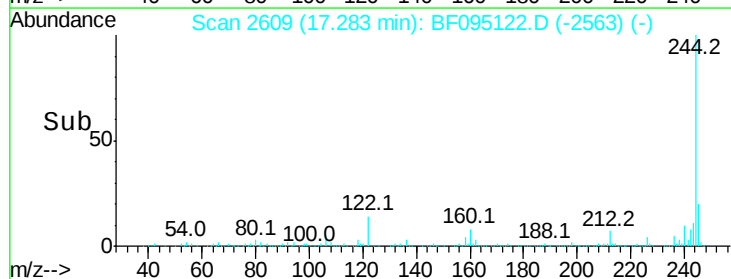
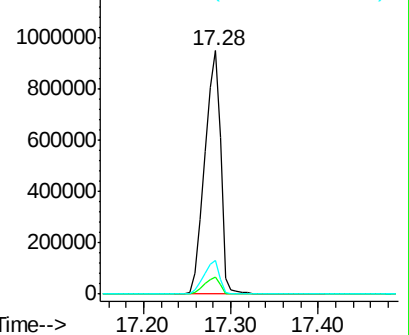
122 13.9 10.3 15.5

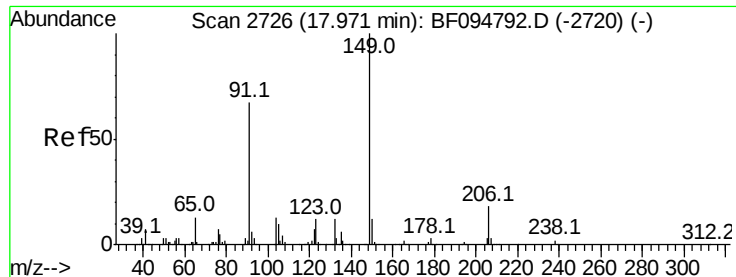


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

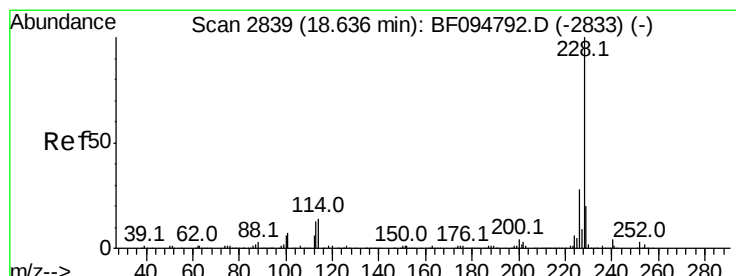
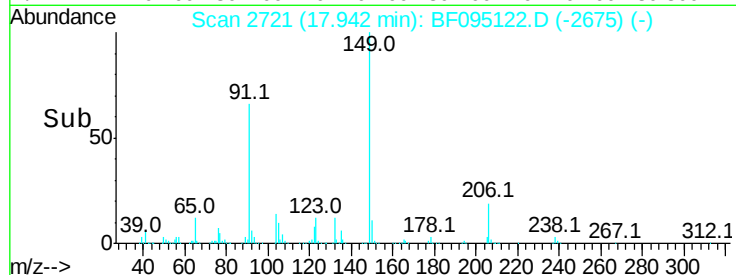
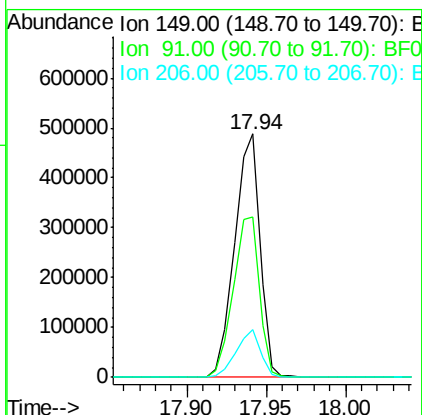
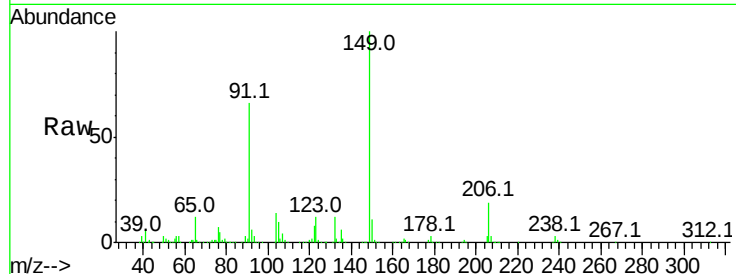




#79
Butylbenzylphthalate
Concen: 42.23 ng
RT: 17.94 min Scan# 2721
Delta R.T. -0.03 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

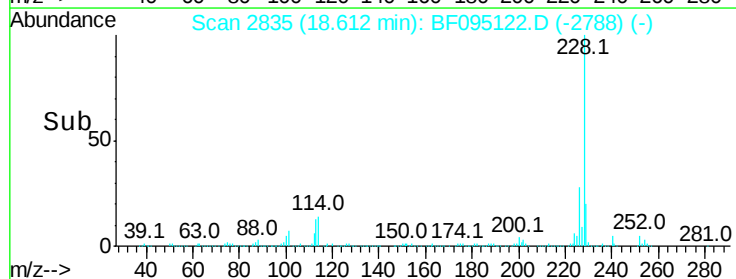
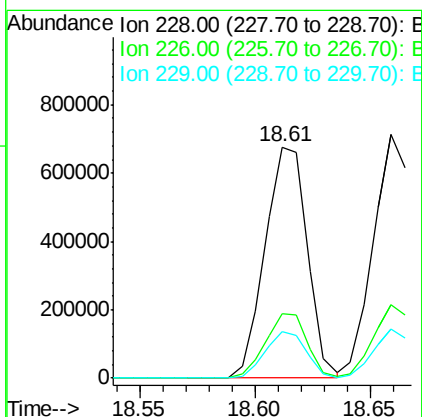
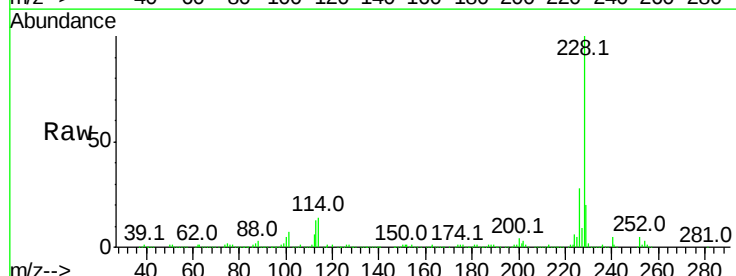
Instrument :
BNA_F
ClientSampleId :

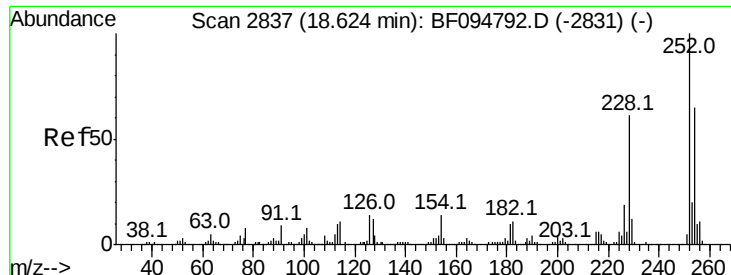
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	45.0	67.4
206	19.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 40.02 ng
RT: 18.61 min Scan# 2835
Delta R.T. -0.02 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	16.3	24.5

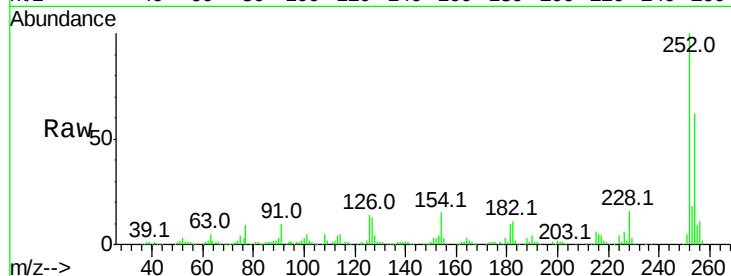




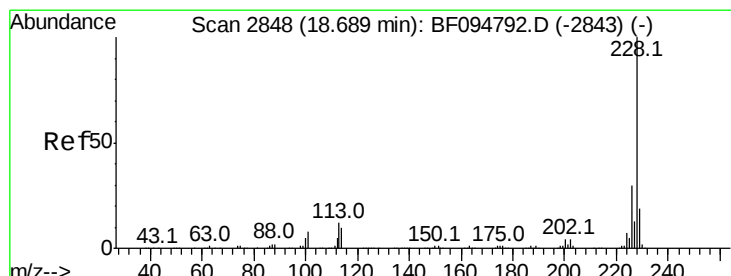
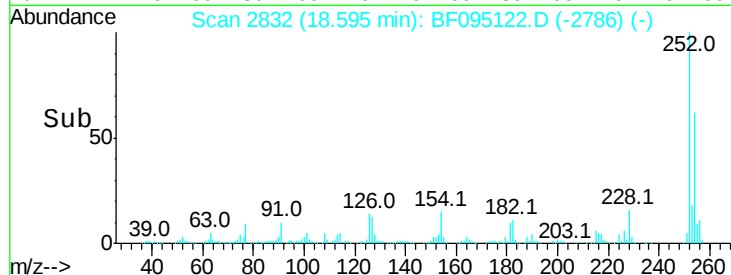
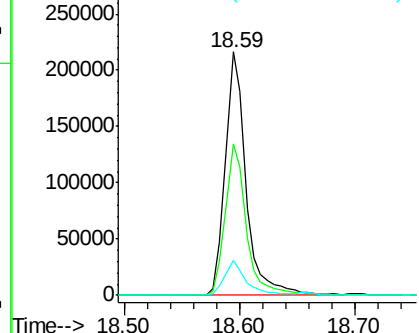
#81
 3,3'-Dichlorobenzidine
 Concen: 36.75 ng
 RT: 18.59 min Scan# 2832
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	51.5	77.3
126	14.2	15.8	23.8#

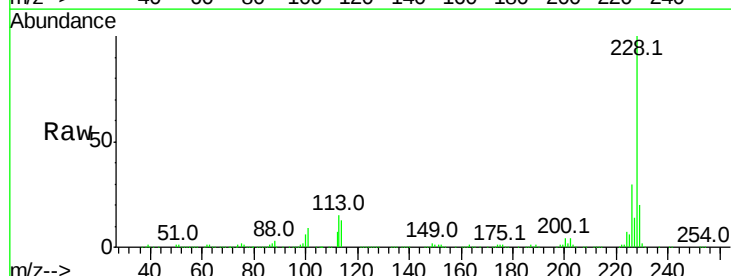


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

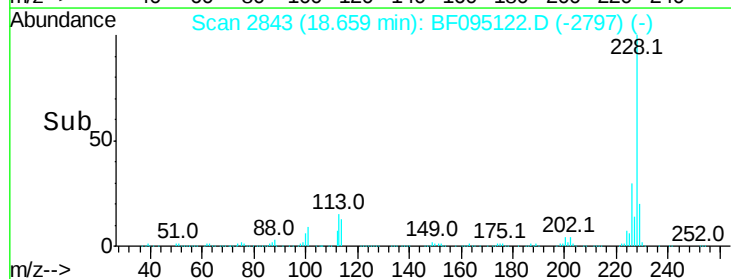
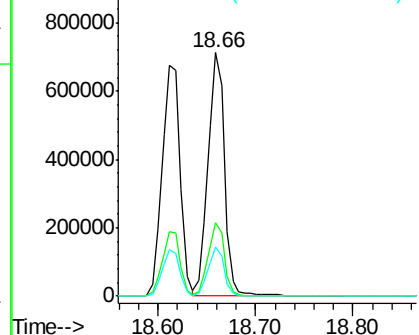


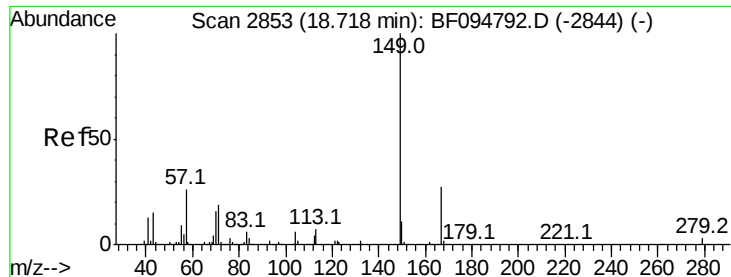
#82
 Chrysene
 Concen: 40.53 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.03 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.0	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

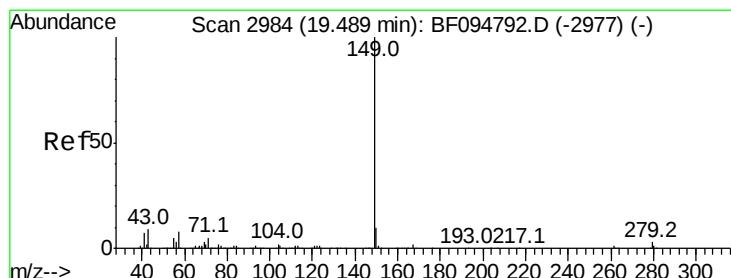
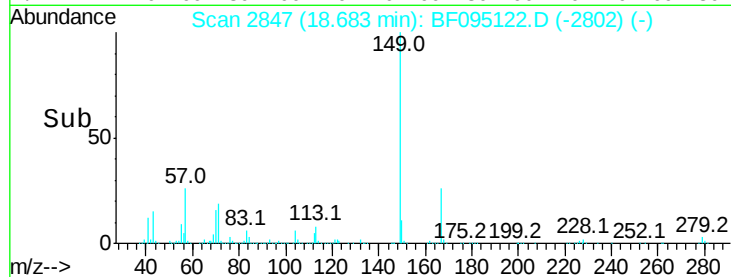
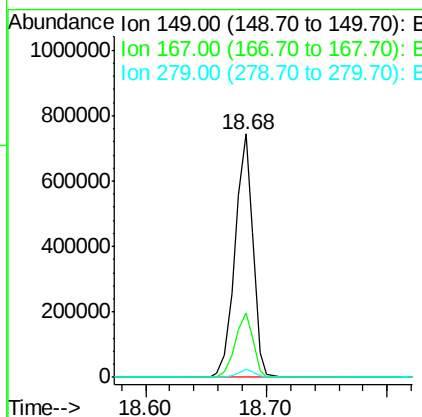
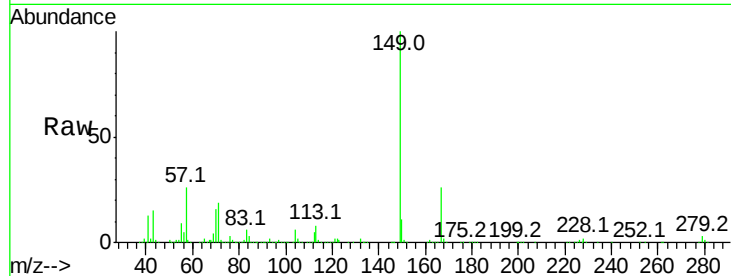




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.26 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.04 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

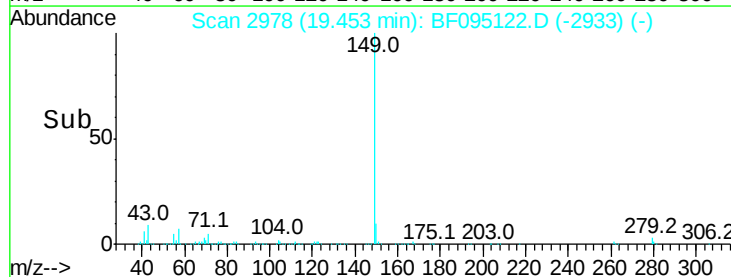
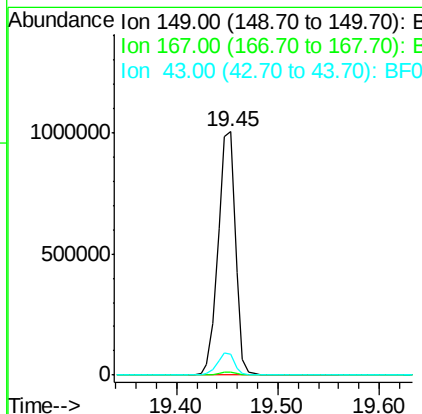
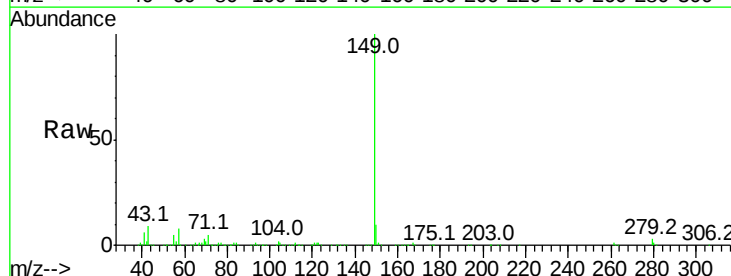
Instrument :
 BNA_F
 ClientSampleId :

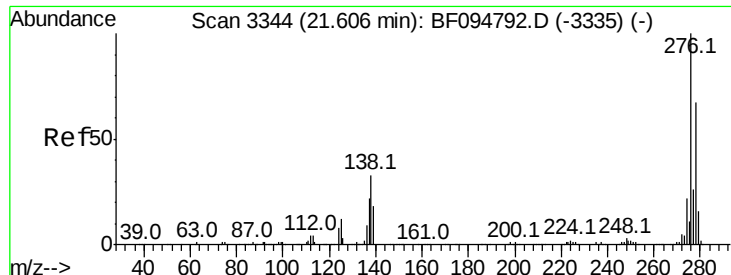
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	3.2	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 39.90 ng
 RT: 19.45 min Scan# 2978
 Delta R.T. -0.04 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.0	8.5	12.7

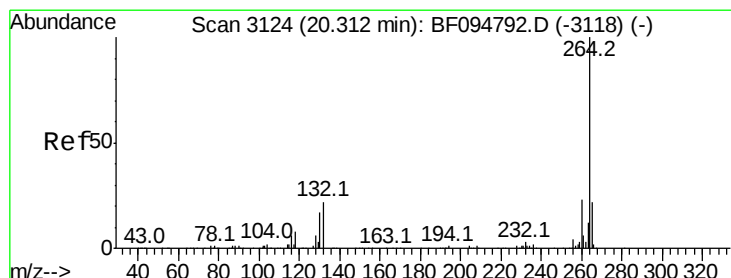
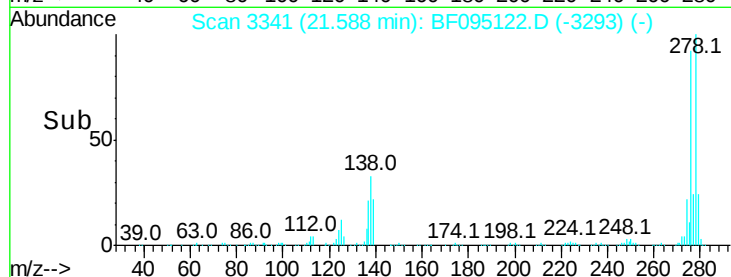
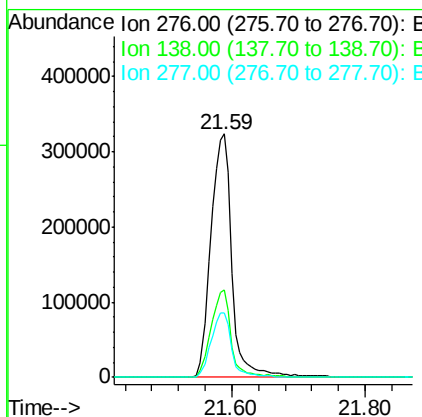
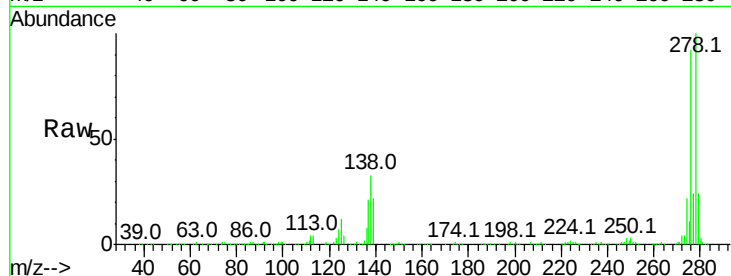




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.58 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

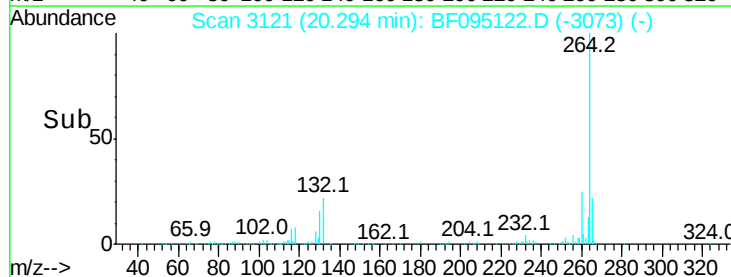
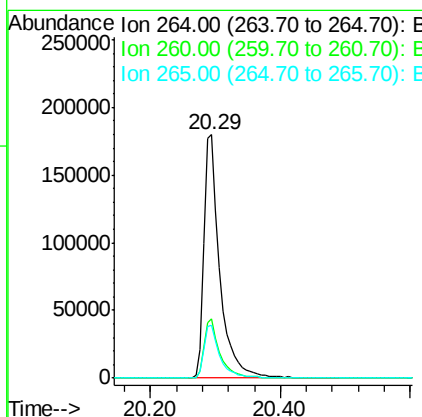
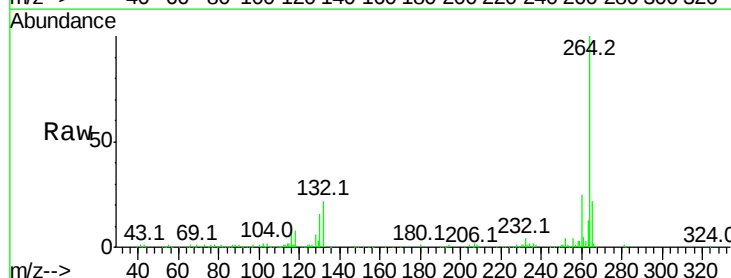
Instrument :
 BNA_F
 ClientSampleId :

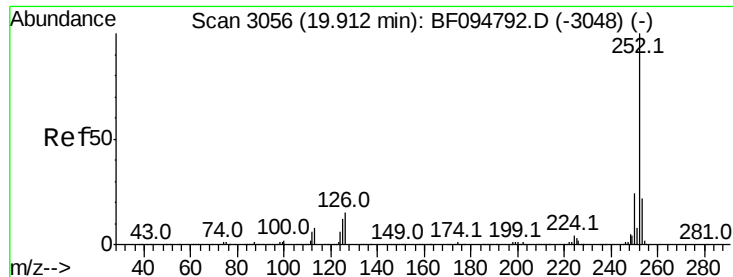
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	27.8	41.6
277	26.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095122.D
 Acq: 12 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.45 ng

RT: 19.89 min Scan# 3052

Delta R.T. -0.02 min

Lab File: BF095122.D

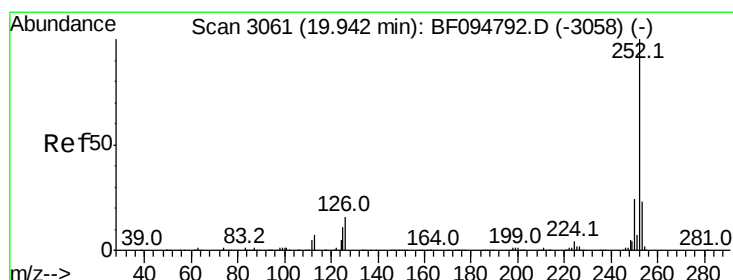
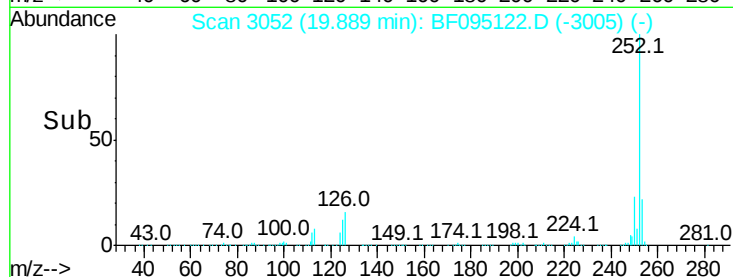
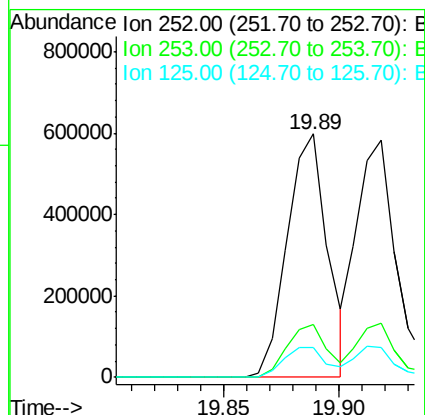
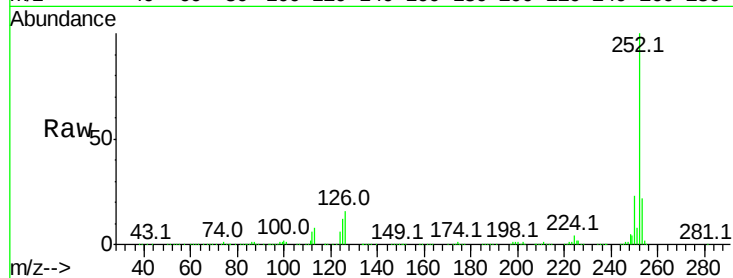
Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	722127
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.4	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 39.85 ng

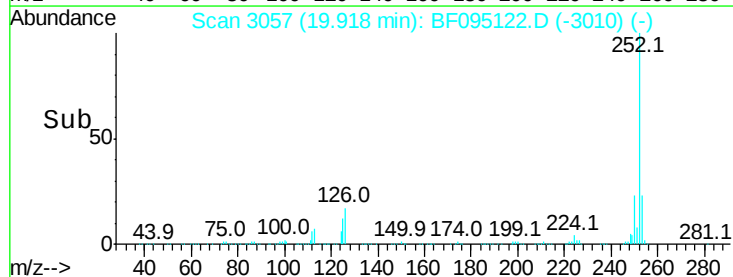
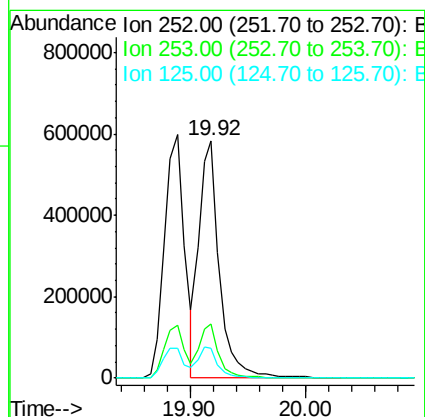
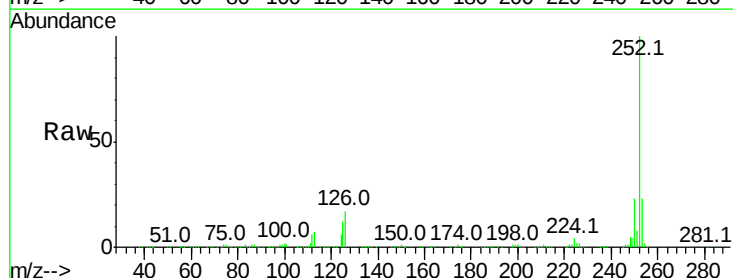
RT: 19.92 min Scan# 3057

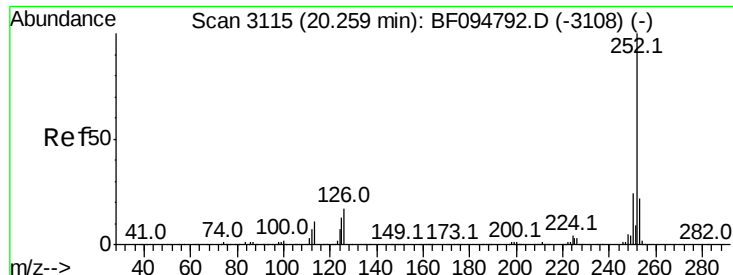
Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Tgt Ion:	252	Resp:	721934
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	12.4	13.1	19.7#

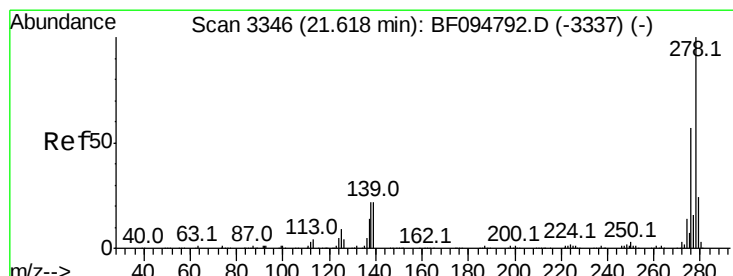
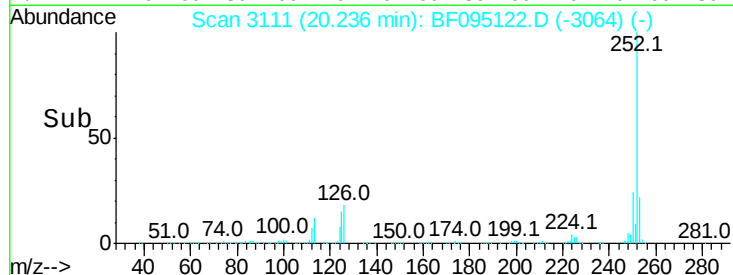
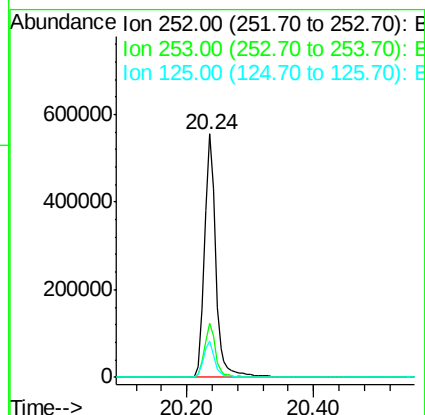
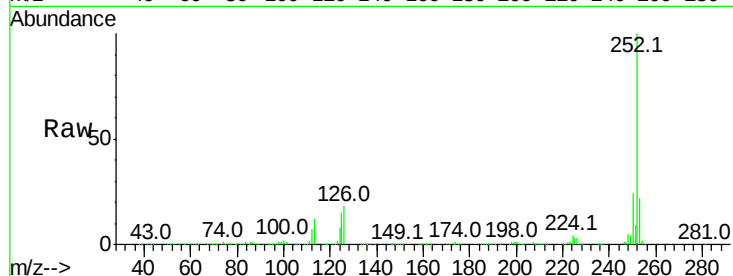




#89
Benzo(a)pyrene
Concen: 39.13 ng
RT: 20.24 min Scan# 3111
Delta R.T. -0.02 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

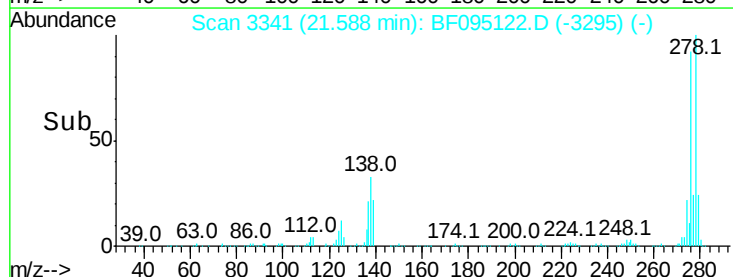
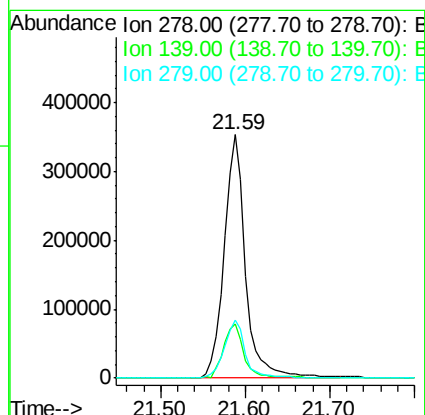
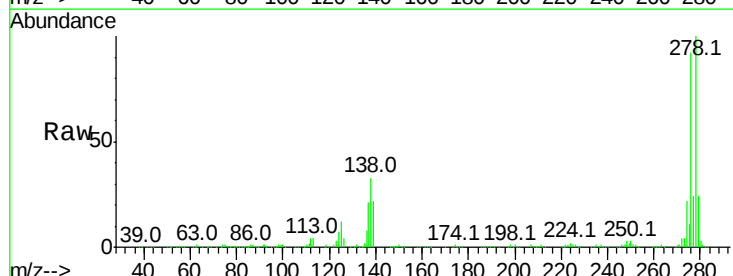
Instrument :
BNA_F
ClientSampleId :

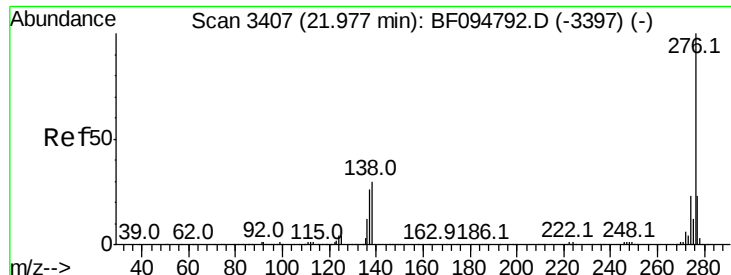
Tot Ion:252 Resp: 678234
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 14.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.20 ng
RT: 21.59 min Scan# 3341
Delta R.T. -0.03 min
Lab File: BF095122.D
Acq: 12 May 2017 20:39

Tgt Ion:278 Resp: 618377
Ion Ratio Lower Upper
278 100
139 22.1 16.6 24.8
279 23.7 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 45.24 ng

RT: 21.95 min Scan# 3403

Delta R.T. -0.02 min

Lab File: BF095122.D

Acq: 12 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

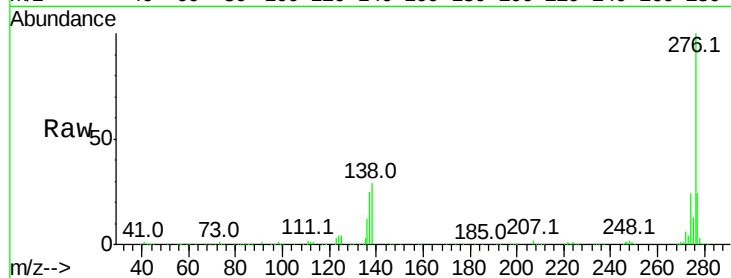
Tot Ion: 276 Resp: 635487

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 29.4 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

