

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095109.D
 Acq On : 12 May 2017 13:36
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 17:58:08 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	128864	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	543013	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	241243	20.00	ng	-0.04
63) Phenanthrene-d10	14.95	188	439625	20.00	ng	-0.03
75) Chrysene-d12	18.63	240	348267	20.00	ng	-0.02
86) Perylene-d12	20.29	264	284622	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	668663	86.51	ng	-0.04
7) Phenol-d6	7.25	99	769717	83.00	ng	-0.03
23) Nitrobenzene-d5	8.61	82	701061	81.41	ng	-0.02
41) 2,4,6-Tribromophenol	13.85	330	156898	79.41	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	1252365	74.72	ng	-0.03
78) Terphenyl-d14	17.28	244	1213824	76.77	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	160344	42.30	ng	95
3) Pyridine	2.71	79	377747	43.00	ng	99
4) n-Nitrosodimethylamine	2.65	42	154019	42.06	ng	86
6) Aniline	7.21	93	515771	44.05	ng	97
8) 2-Chlorophenol	7.40	128	389329	44.25	ng	94
9) Benzaldehyde	7.02	77	212980	37.61	ng	96
10) Phenol	7.27	94	394556	40.37	ng	92
11) bis(2-Chloroethyl)ether	7.34	93	331976	41.15	ng	95
12) 1,3-Dichlorobenzene	7.60	146	383608	38.44	ng	99
13) 1,4-Dichlorobenzene	7.72	146	420787	41.58	ng	96
14) 1,2-Dichlorobenzene	7.96	146	399765	42.32	ng	97
15) Benzyl Alcohol	8.00	79	283408	47.51	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	453417	39.71	ng	93
17) 2-Methylphenol	8.21	107	317601	44.11	ng	96
18) Hexachloroethane	8.48	117	140717	41.04	ng	# 86
19) n-Nitroso-di-n-propylamine	8.42	70	266016	42.41	ng	93
20) 3+4-Methylphenols	8.46	107	401650	41.05	ng	# 59
22) Acetophenone	8.38	105	518460	39.79	ng	# 84
24) Nitrobenzene	8.64	77	370674	41.07	ng	93
25) Isophorone	9.04	82	619817	40.31	ng	95
26) 2-Nitrophenol	9.14	139	207483	42.60	ng	98
27) 2,4-Dimethylphenol	9.28	122	317254	40.29	ng	97
28) bis(2-Chloroethoxy)methane	9.41	93	422583	39.73	ng	99
29) 2,4-Dichlorophenol	9.57	162	292697	39.37	ng	99
30) 1,2,4-Trichlorobenzene	9.65	180	316605	39.75	ng	98
31) Naphthalene	9.76	128	1076255	39.44	ng	99
32) Benzoic acid	9.64	122	180383	36.28	ng	98
33) 4-Chloroaniline	9.90	127	431524	42.43	ng	94
34) Hexachlorobutadiene	9.97	225	157281	37.42	ng	96
35) Caprolactam	10.54	113	67023	30.02	ng	88
36) 4-Chloro-3-methylphenol	10.75	107	331659	41.72	ng	88
37) 2-Methylnaphthalene	10.88	142	720220	40.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.16	216	290012	39.09	ng	100
40) Hexachlorocyclopentadiene	11.14	237	130776	44.81	ng	96

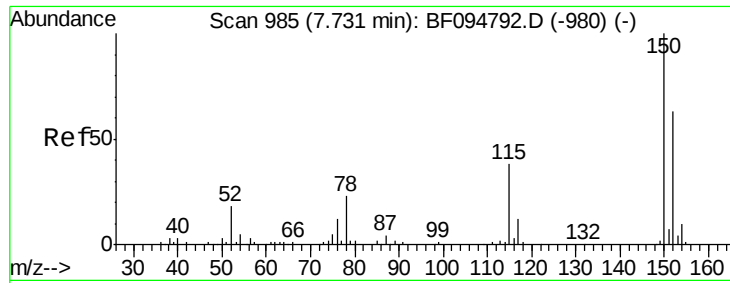
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095109.D
 Acq On : 12 May 2017 13:36
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 17:58:08 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)
42) 2,4,6-Trichlorophenol	11.38	196	200773	40.53	nq	99
43) 2,4,5-Trichlorophenol	11.48	196	204012	38.32	nq	# 92
45) 1,1'-Biphenyl	11.65	154	803636	39.57	nq	98
46) 2-Chloronaphthalene	11.67	162	651628	39.73	nq	95
47) 2-Nitroaniline	11.88	65	194790	43.39	nq	# 82
48) Acenaphthylene	12.32	152	1020681	39.73	nq	99
49) Dimethylphthalate	12.20	163	758265	38.29	nq	99
50) 2,6-Dinitrotoluene	12.29	165	158431	39.21	nq	95
51) Acenaphthene	12.61	154	598023	38.98	nq	100
52) 3-Nitroaniline	12.57	138	188468	43.46	nq	86
53) 2,4-Dinitrophenol	12.77	184	73465	36.68	nq	# 66
54) Dibenzofuran	12.89	168	777292	36.61	nq	98
55) 4-Nitrophenol	12.89	139	287179	110.26	nq	# 27
56) 2,4-Dinitrotoluene	12.96	165	201590	38.83	nq	# 89
57) Fluorene	13.45	166	657475	35.61	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.14	232	131415	39.22	nq	# 93
59) Diethylphthalate	13.35	149	673243	35.47	nq	100
60) 4-Chlorophenyl-phenylether	13.47	204	295048	36.36	nq	91
61) 4-Nitroaniline	13.57	138	155493	39.06	nq	98
62) Azobenzene	13.73	77	590825	38.73	nq	95
64) 4,6-Dinitro-2-methylphenol	13.62	198	109490	37.15	nq	# 70
65) n-Nitrosodiphenylamine	13.68	169	587351	36.81	nq	98
66) 4-Bromophenyl-phenylether	14.26	248	178368	38.40	nq	97
67) Hexachlorobenzene	14.34	284	186298	39.14	nq	# 86
68) Atrazine	14.60	200	171479	38.06	nq	97
69) Pentachlorophenol	14.70	266	70913	36.40	nq	100
70) Phenanthrene	14.99	178	979281	38.77	nq	98
71) Anthracene	15.08	178	1023031	39.65	nq	98
72) Carbazole	15.36	167	910474	38.78	nq	98
73) Di-n-butylphthalate	15.92	149	1164333	39.77	nq	99
74) Fluoranthene	16.74	202	1055922	40.75	nq	99
76) Benzidine	16.96	184	363098	39.85	nq	95
77) Pyrene	17.04	202	1086889	41.73	nq	99
79) Butylbenzylphthalate	17.94	149	496792	41.01	nq	89
80) Benzo(a)anthracene	18.62	228	809670	39.95	nq	98
81) 3,3'-Dichlorobenzidine	18.59	252	274536	39.22	nq	# 95
82) Chrysene	18.66	228	787607	40.19	nq	99
83) Bis(2-ethylhexyl)phthalate	18.68	149	666205	38.59	nq	# 99
84) Di-n-octyl phthalate	19.45	149	986361	34.85	nq	96
85) Indeno(1,2,3-cd)pyrene	21.58	276	591641	37.17	nq	99
87) Benzo(b)fluoranthene	19.89	252	643648	36.60	nq	99
88) Benzo(k)fluoranthene	19.91	252	656313	38.69	nq	# 95
89) Benzo(a)pyrene	20.24	252	633189	39.02	nq	99
90) Dibenzo(a,h)anthracene	21.59	278	518996	38.72	nq	98
91) Benzo(g,h,i)perylene	21.95	276	526910	40.06	nq	98

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

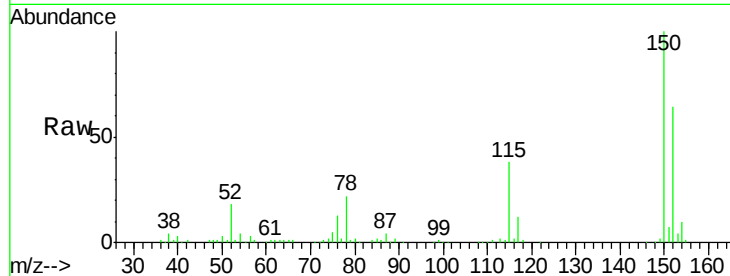


#1

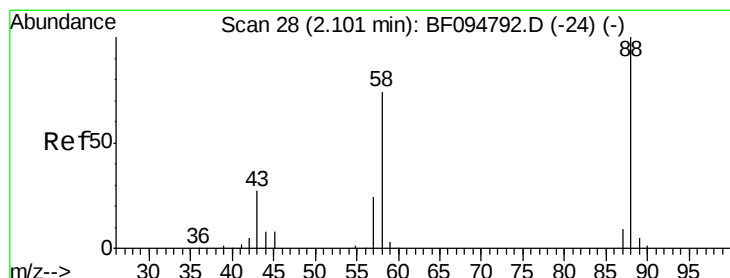
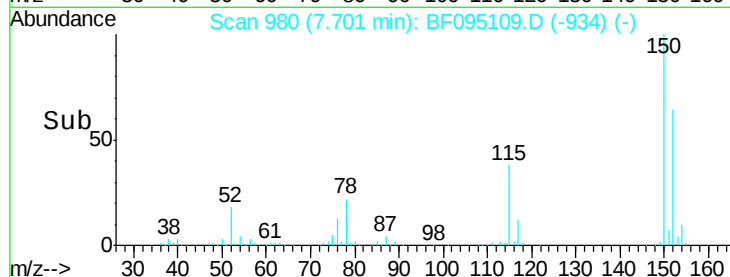
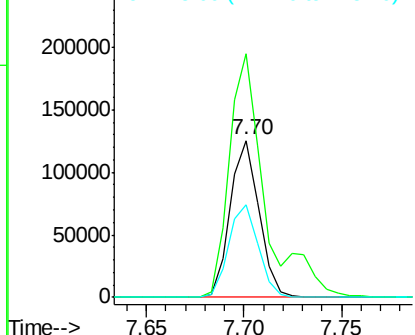
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128864
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 59.1 52.2 78.2



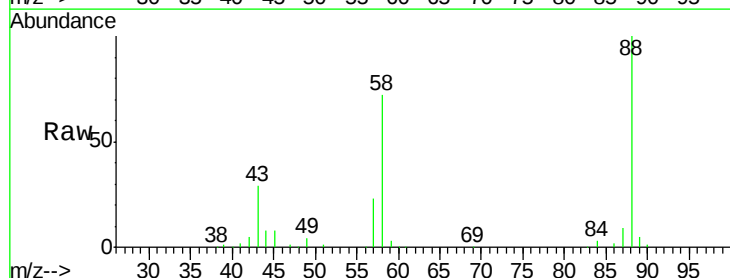
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



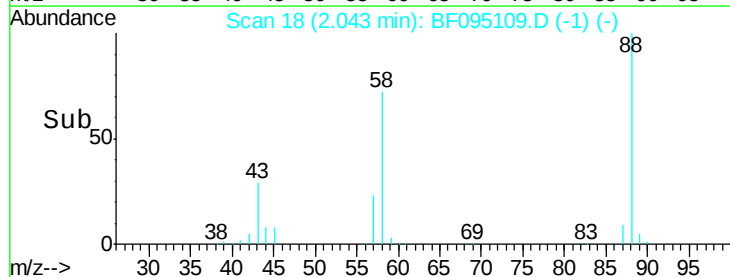
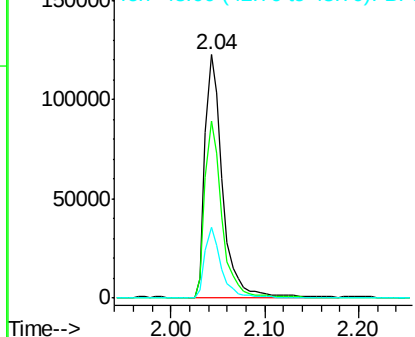
#2

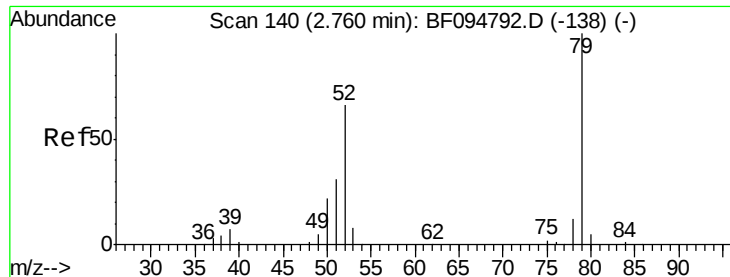
1,4-Dioxane
Concen: 42.30 ng
RT: 2.04 min Scan# 18
Delta R.T. -0.06 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion: 88 Resp: 160344
Ion Ratio Lower Upper
88 100
58 71.5 61.4 92.0
43 27.5 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: 43.00 ng

RT: 2.71 min Scan# 132

Delta R.T. -0.05 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

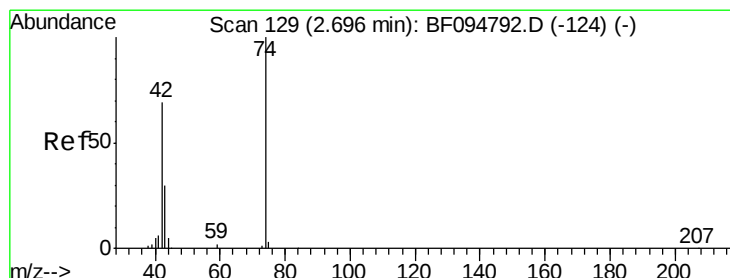
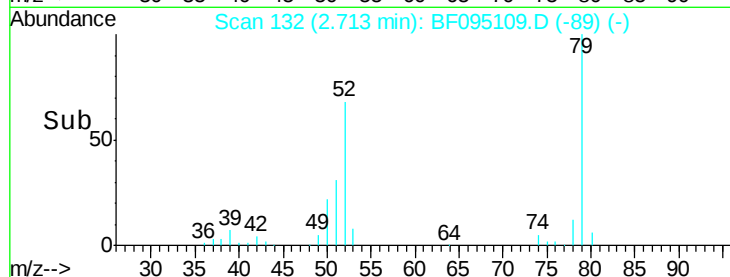
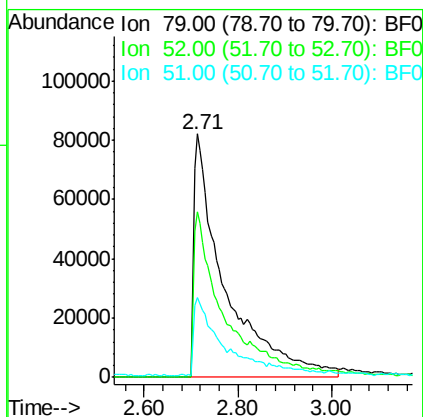
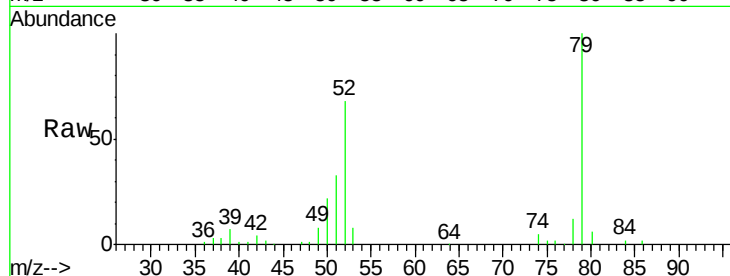
Tot Ion: 79 Resp: 377747

Ion Ratio Lower Upper

79 100

52 67.8 54.8 82.2

51 32.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 42.06 ng

RT: 2.65 min Scan# 122

Delta R.T. -0.04 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

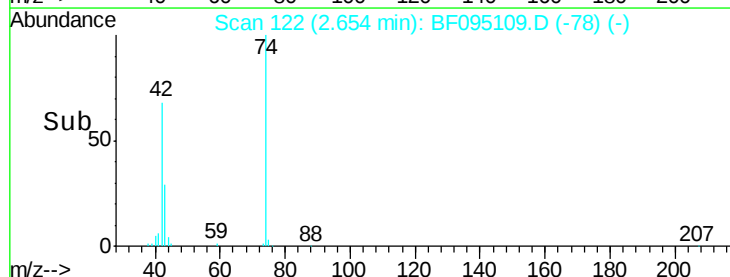
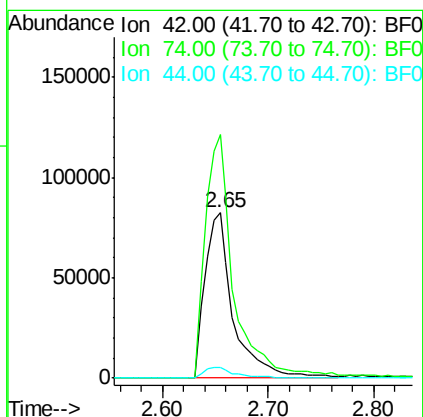
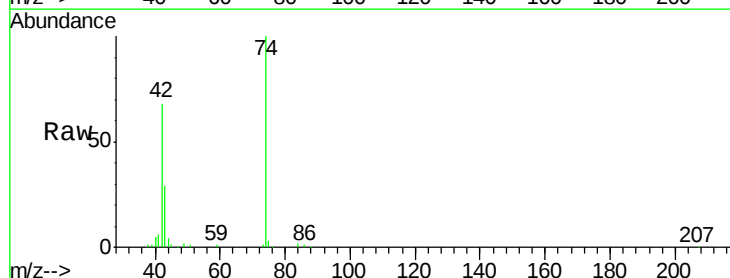
Tgt Ion: 42 Resp: 154019

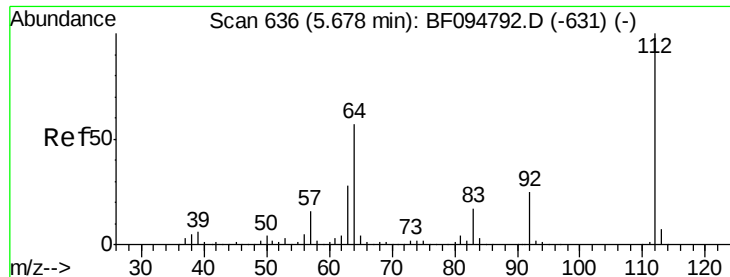
Ion Ratio Lower Upper

42 100

74 147.5 103.9 155.9

44 6.6 5.7 8.5





#5

2-Fluorophenol

Concen: 86.51 ng

RT: 5.64 min Scan# 630

Delta R.T. -0.04 min

Lab File: BF095109.D

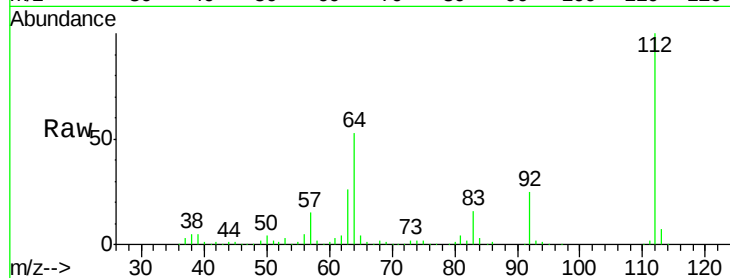
Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

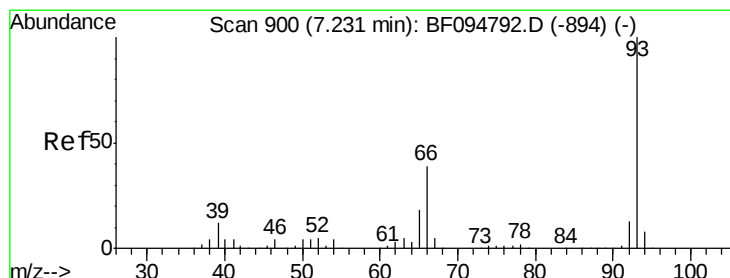
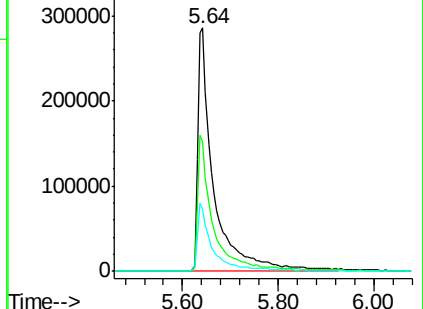
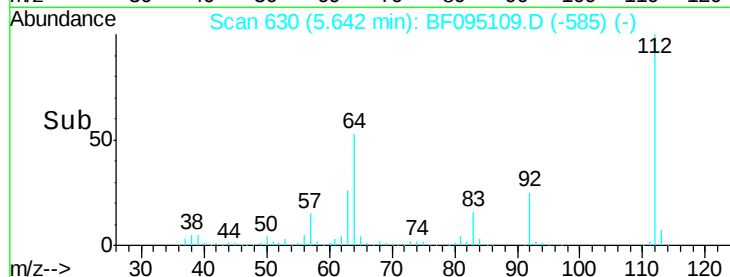
Tot Ion:	112	Resp:	668663
Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.0	69.0
63	25.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.05 ng

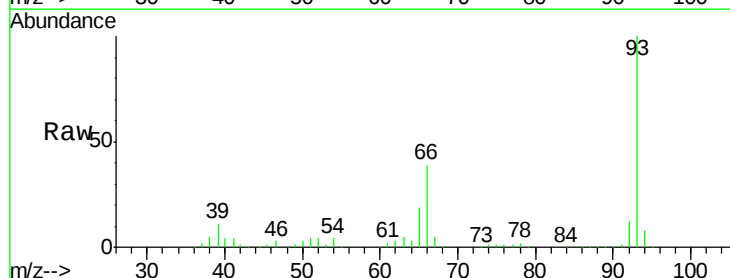
RT: 7.21 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

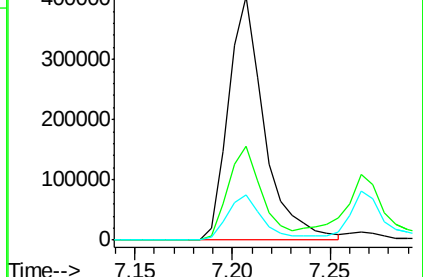
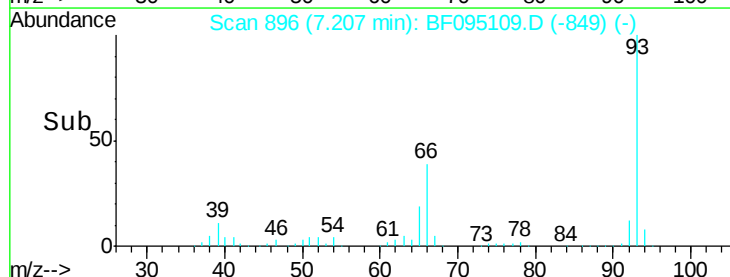
Tgt Ion:	93	Resp:	515771
Ion	Ratio	Lower	Upper
93	100		
66	38.8	32.9	49.3
65	18.6	16.0	24.0

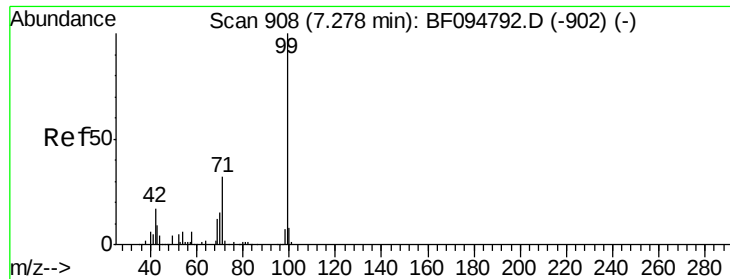


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

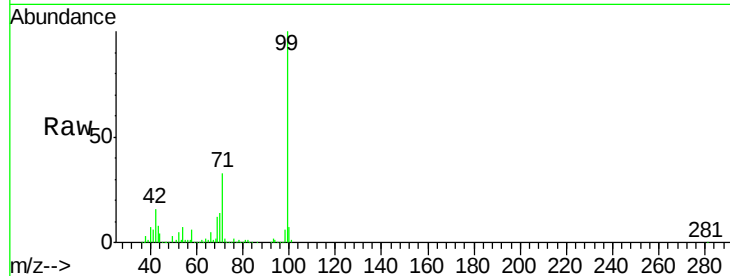
Tot Ion: 99 Resp: 769717

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

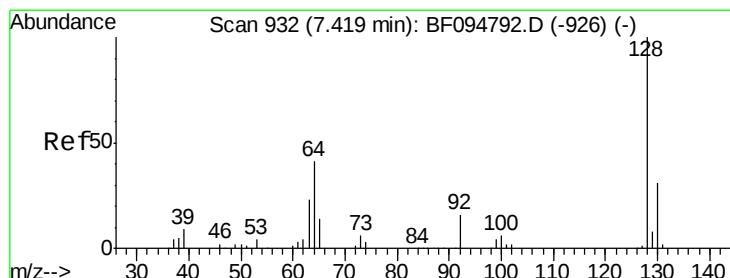
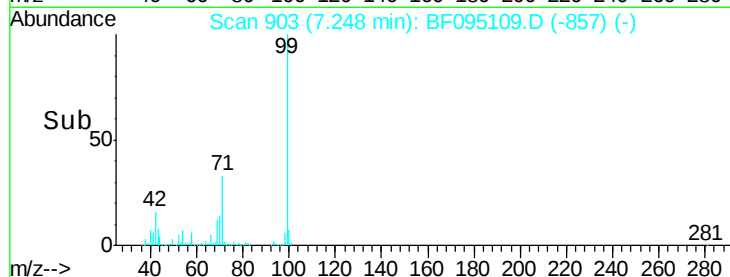
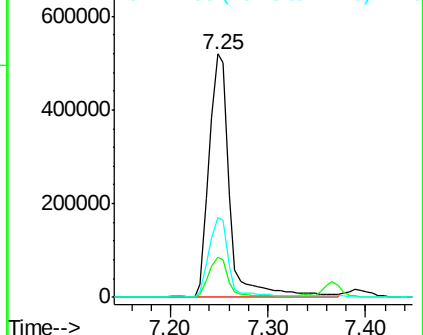
71 32.7 24.5 36.7



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: 44.25 ng

RT: 7.40 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

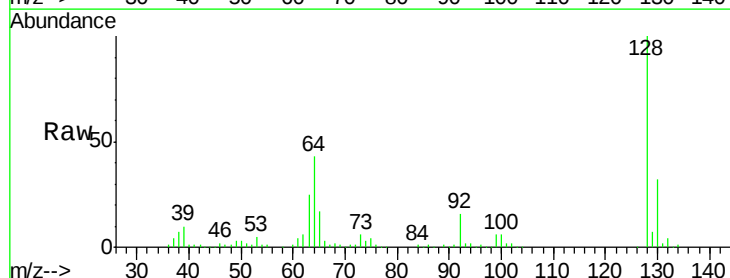
Tgt Ion: 128 Resp: 389329

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

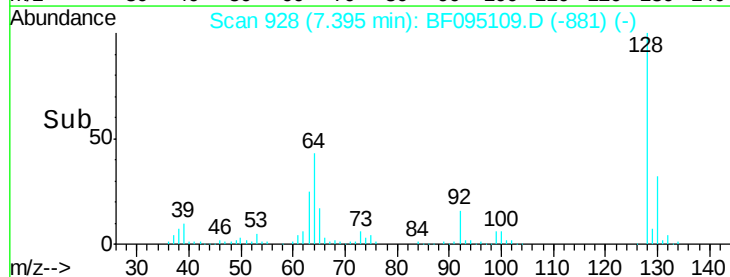
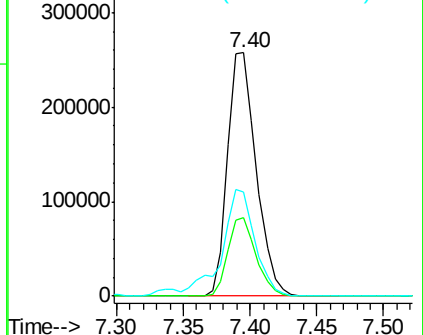
64 42.7 28.4 68.4

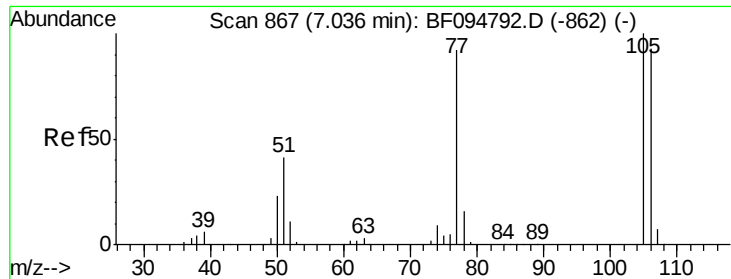


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.61 ng

RT: 7.02 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

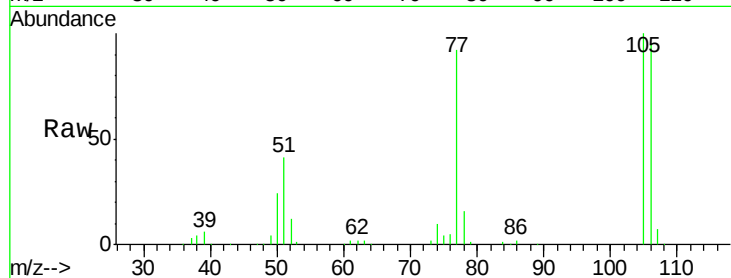
Tot Ion: 77 Resp: 212980

Ion Ratio Lower Upper

77 100

105 108.4 83.8 123.8

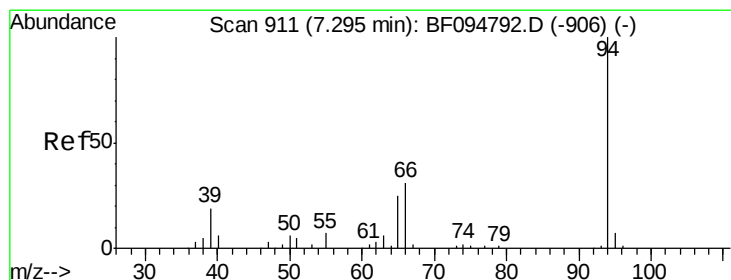
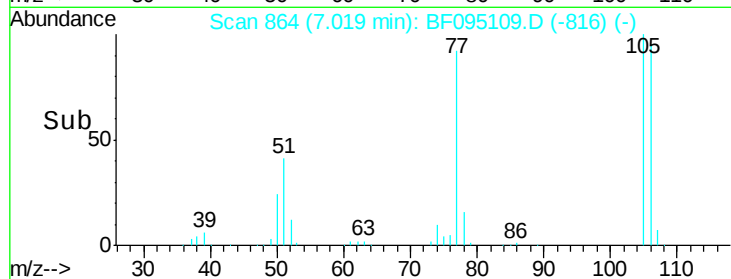
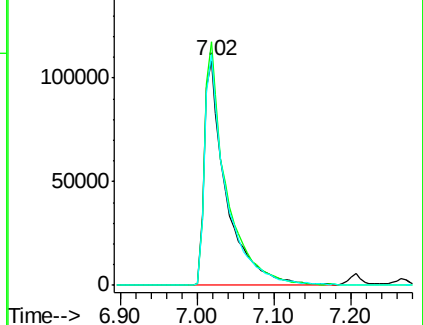
106 102.8 79.1 119.1



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: 40.37 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

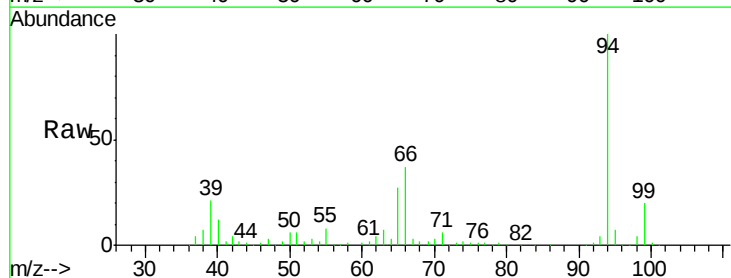
Tgt Ion: 94 Resp: 394556

Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

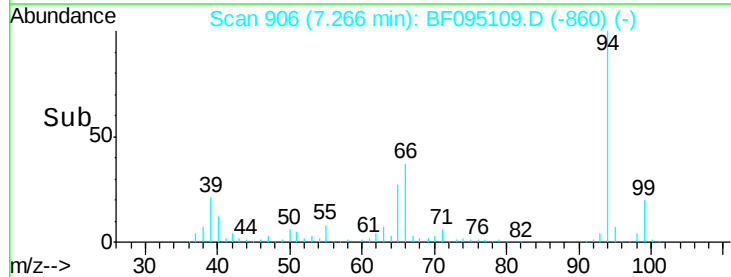
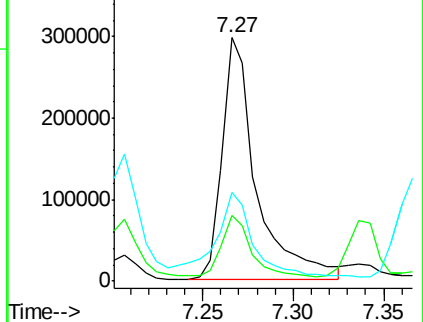
66 36.7 23.1 63.1



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

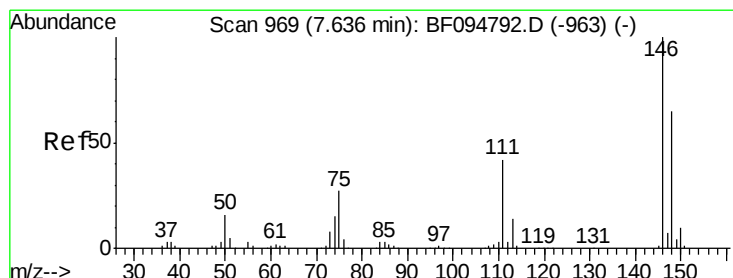
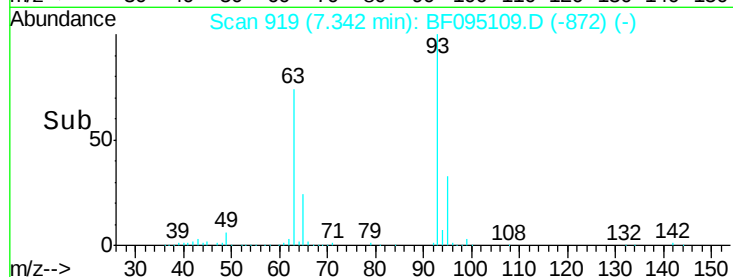
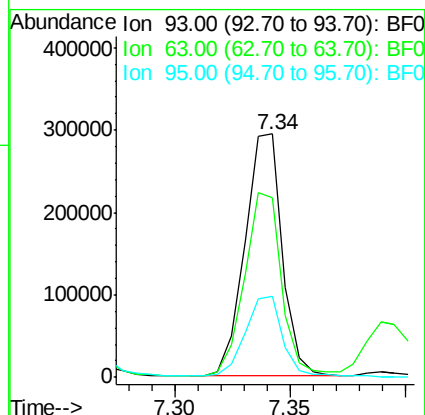
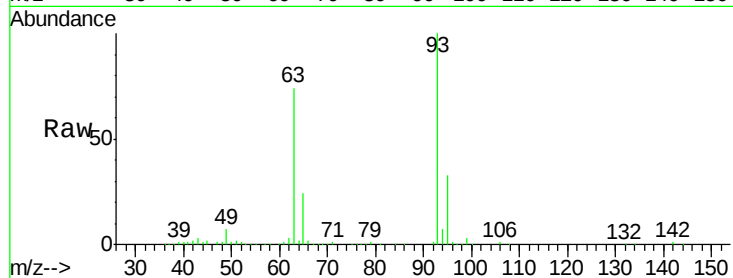




#11
 bis(2-Chloroethyl)ether
 Concen: 41.15 ng
 RT: 7.34 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

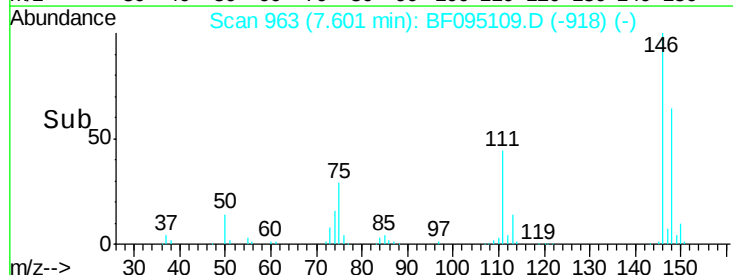
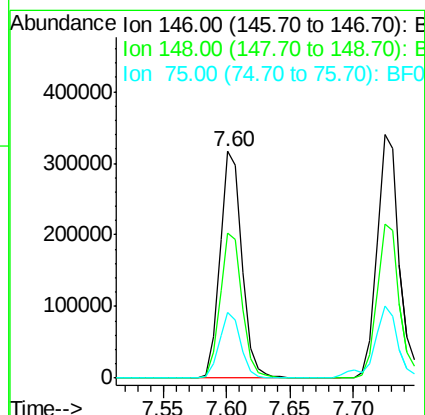
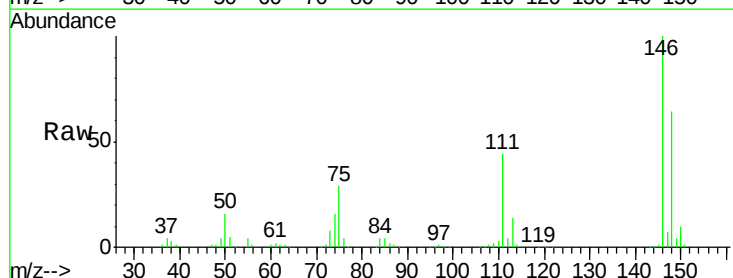
Instrument :
 BNA_F
 ClientSampleId :

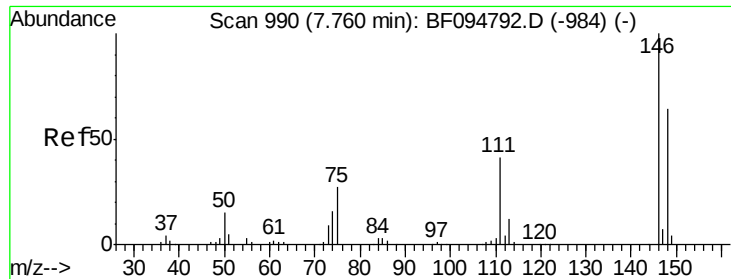
Tot Ion: 93 Resp: 331976
 Ion Ratio Lower Upper
 93 100
 63 73.8 59.2 99.2
 95 33.4 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.44 ng
 RT: 7.60 min Scan# 963
 Delta R.T. -0.04 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Tgt Ion: 146 Resp: 383608
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 75 28.9 23.1 34.7

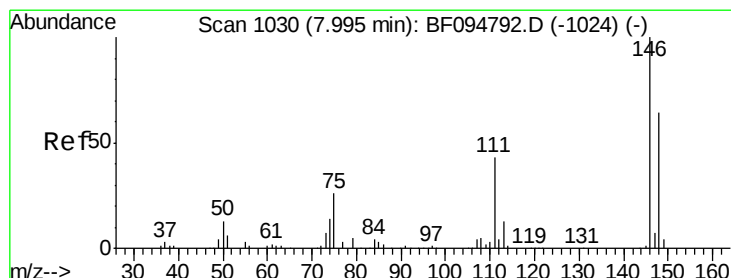
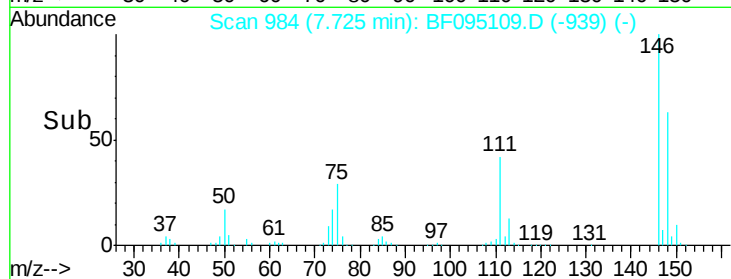
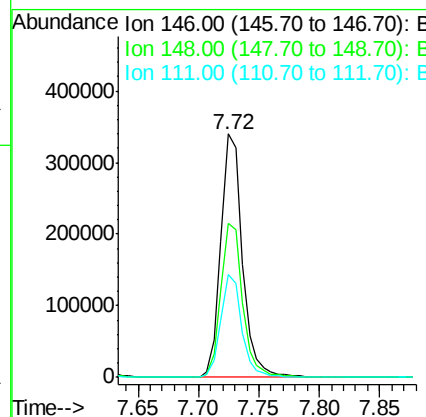
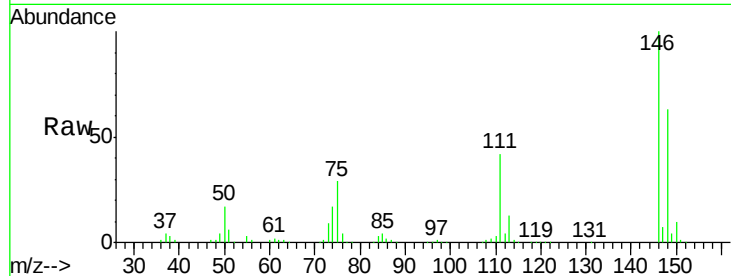




#13
 1,4-Dichlorobenzene
 Concen: 41.58 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.04 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

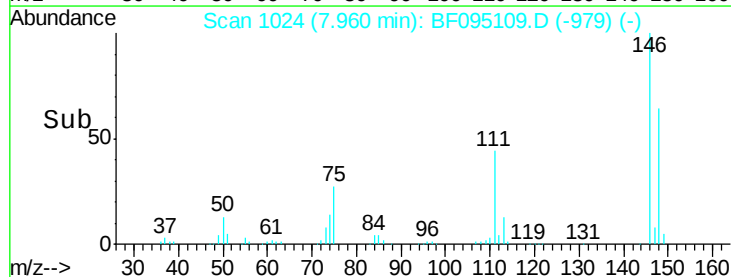
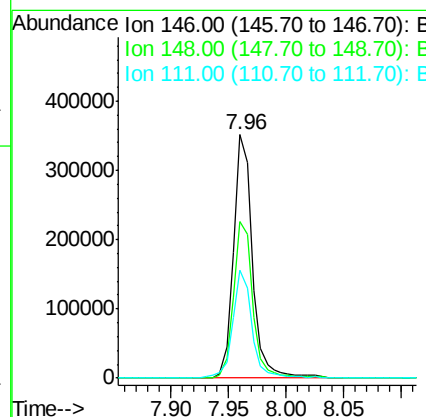
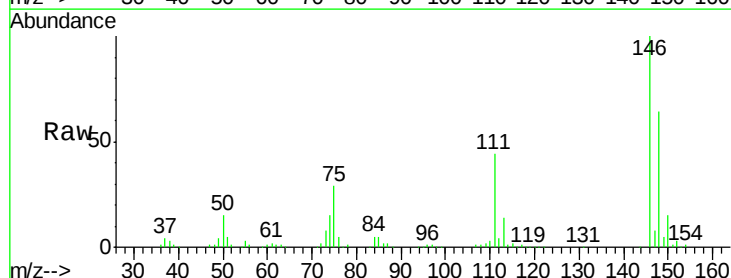
Instrument :
 BNA_F
 ClientSampled :

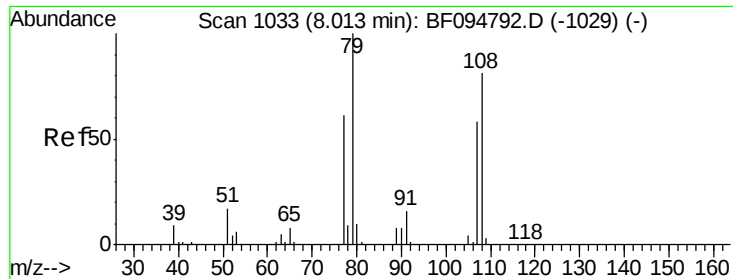
Tot Ion:146 Resp: 420787
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 42.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.32 ng
 RT: 7.96 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Tgt Ion:146 Resp: 399765
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 44.2 38.2 57.4

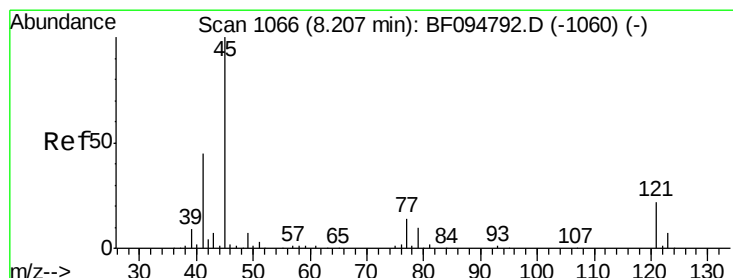
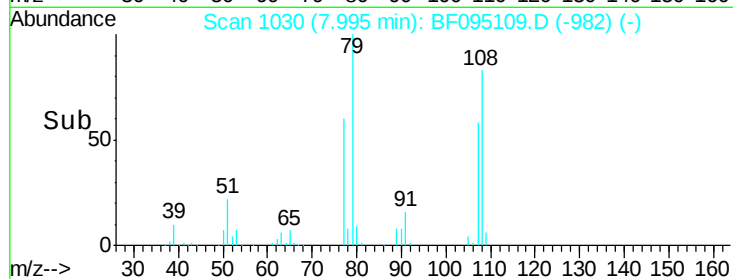
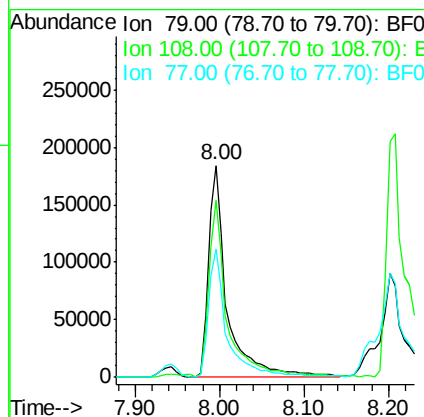
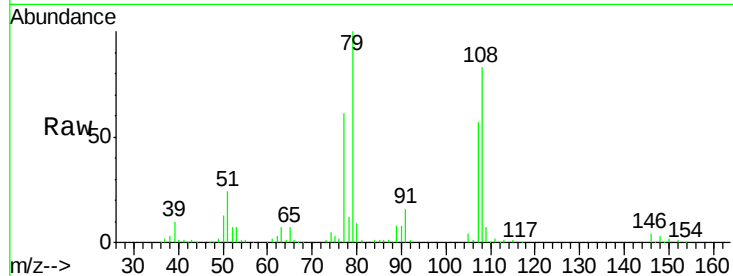




#15
Benzyl Alcohol
Concen: 47.51 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

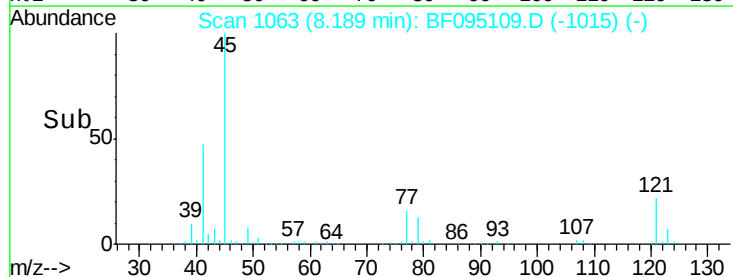
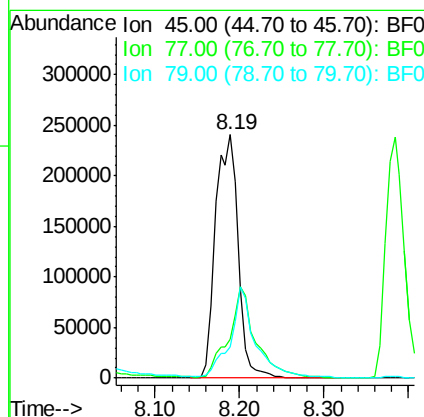
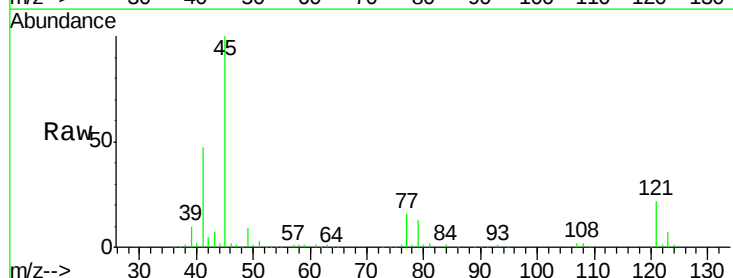
Instrument :
BNA_F
ClientSampleId :

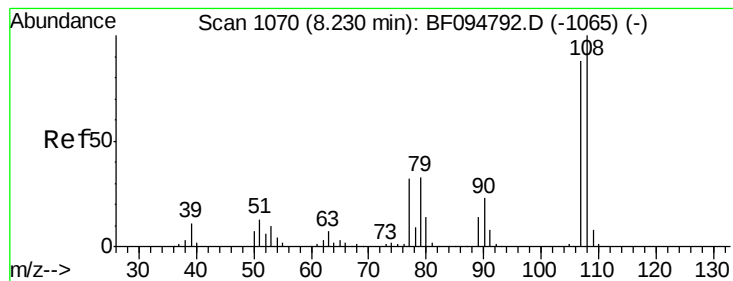
Tot Ion: 79 Resp: 283408
Ion Ratio Lower Upper
79 100
108 83.4 63.4 95.0
77 60.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.71 ng
RT: 8.19 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion: 45 Resp: 453417
Ion Ratio Lower Upper
45 100
77 16.1 0.0 33.2
79 12.8 0.0 30.0





#17

2-Methylphenol

Concen: 44.11 ng

RT: 8.21 min Scan# 1066

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 317601

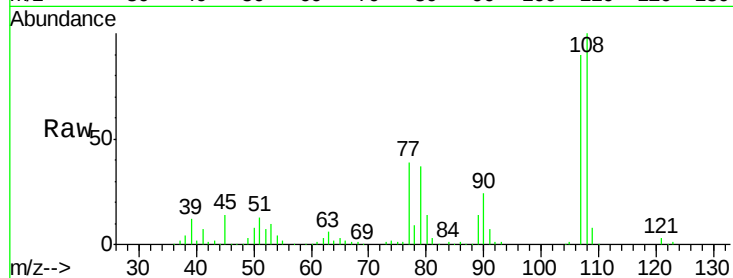
Ion Ratio Lower Upper

107 100

108 111.5 93.4 140.0

77 43.0 35.8 53.6

79 41.7 34.8 52.2

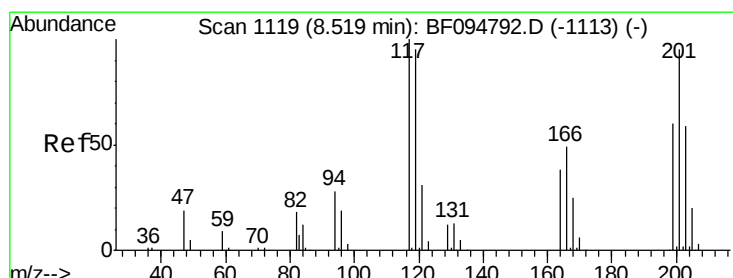
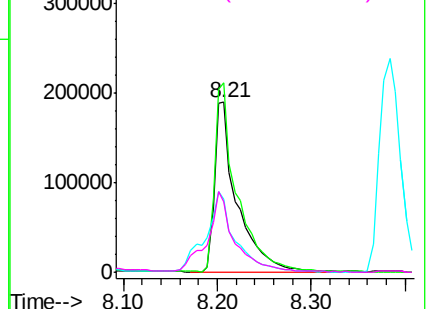
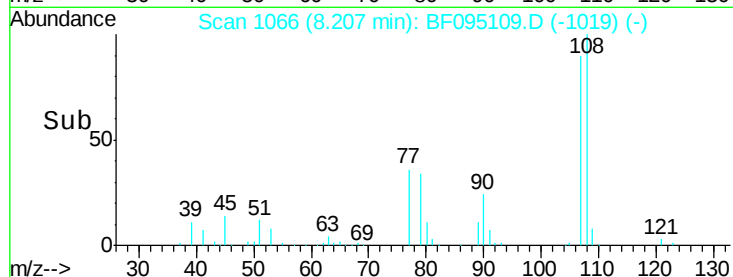


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.04 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.04 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

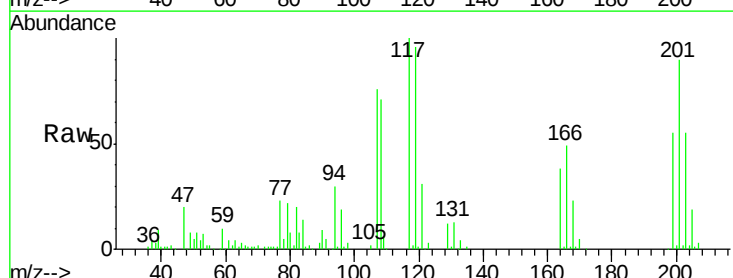
Tgt Ion:117 Resp: 140717

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.0

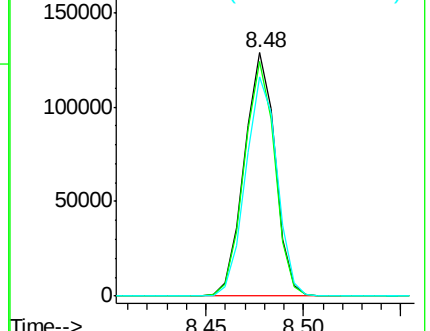
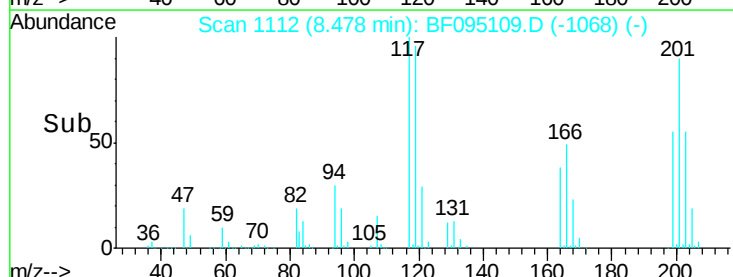
201 90.0 94.6 141.8#

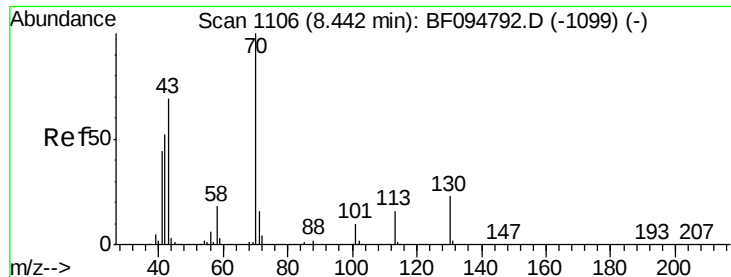


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

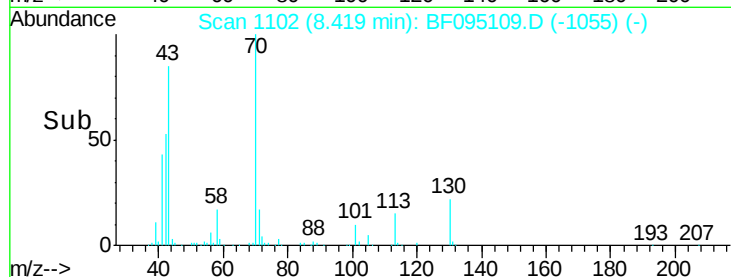
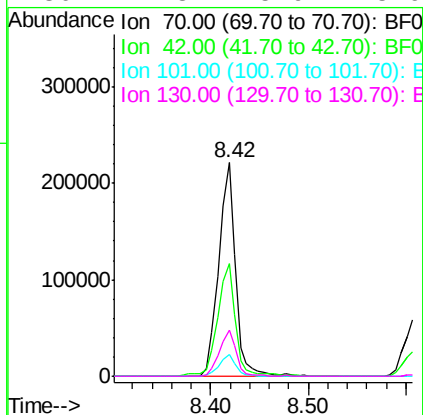
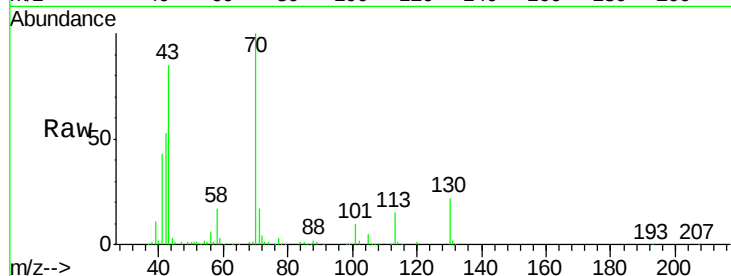




#19
n-Nitroso-di-n-propylamine
Concen: 42.41 ng
RT: 8.42 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

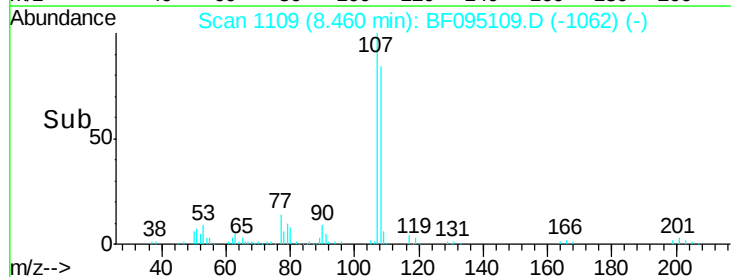
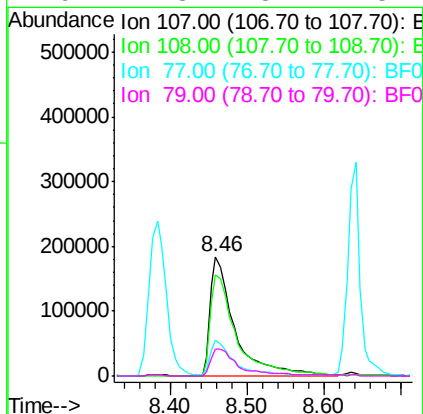
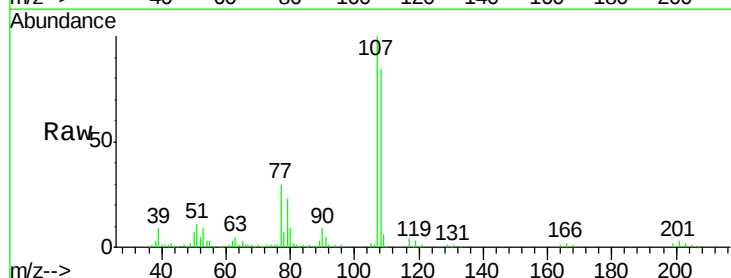
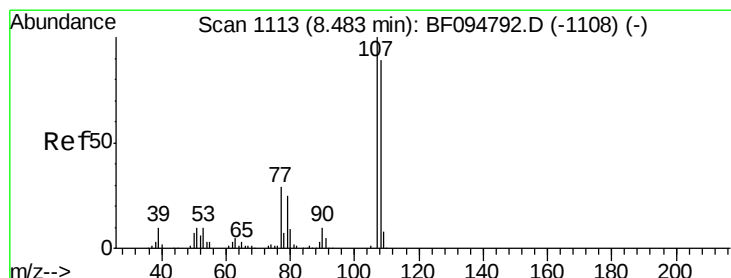
Instrument :
BNA_F
ClientSampleId :

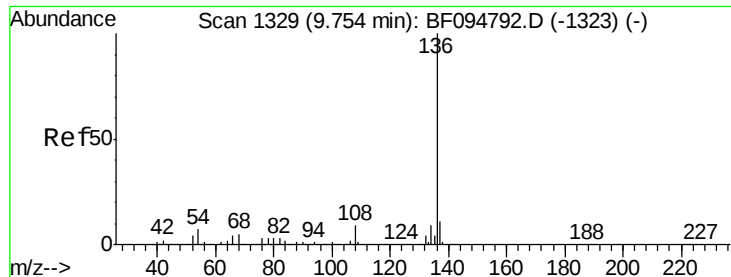
Tot Ion: 70 Resp: 266016
Ion Ratio Lower Upper
70 100
42 52.9 47.2 70.8
101 10.4 7.2 10.8
130 21.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.05 ng
RT: 8.46 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion: 107 Resp: 401650
Ion Ratio Lower Upper
107 100
108 84.4 71.0 111.0
77 30.1 90.5 130.5#
79 22.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 543013

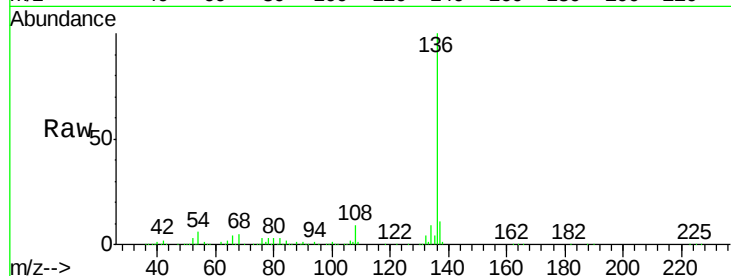
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.2 4.9 7.3

68 4.9 4.1 6.1

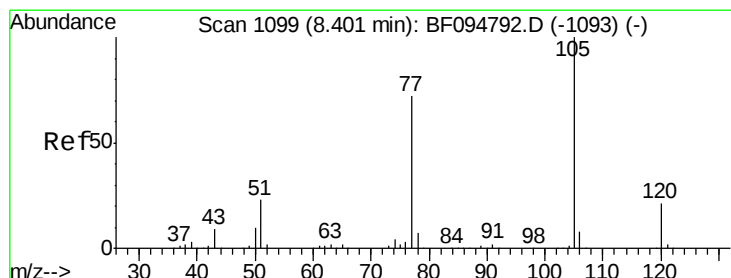
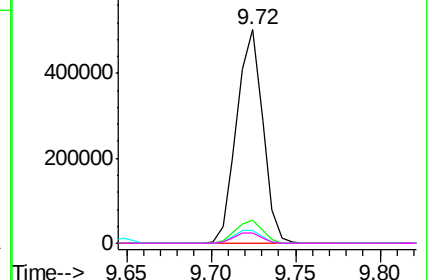
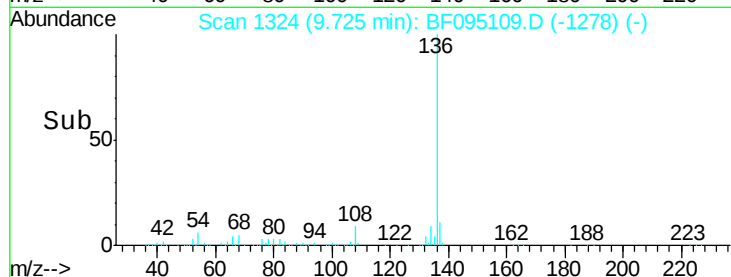


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.79 ng

RT: 8.38 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Tgt Ion:105 Resp: 518460

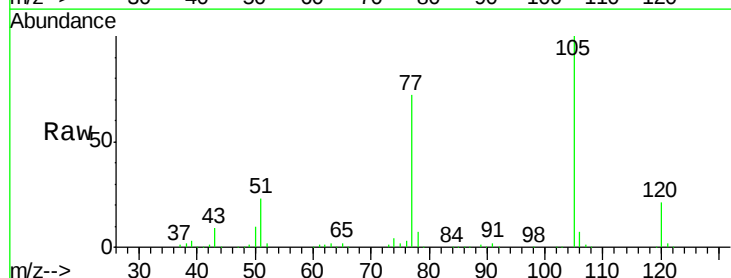
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.2 30.7 46.1#

120 20.9 17.4 26.0

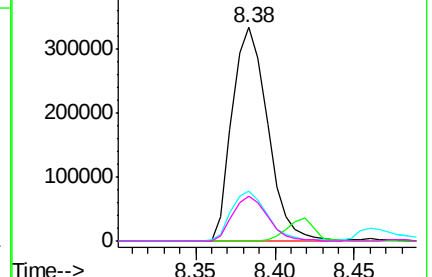
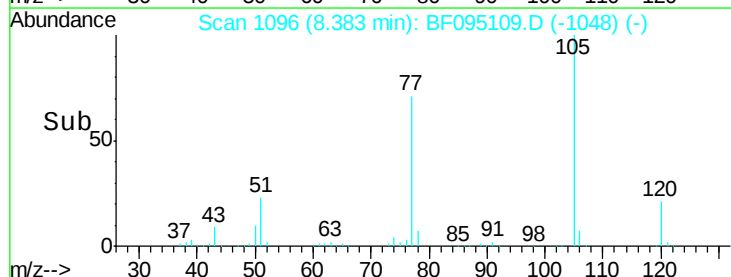


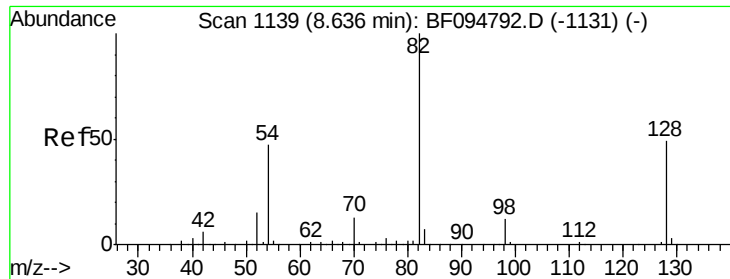
Abundance Ion 105.00 (104.70 to 105.70): E

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

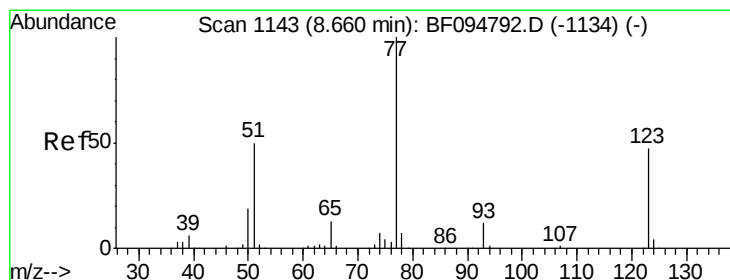
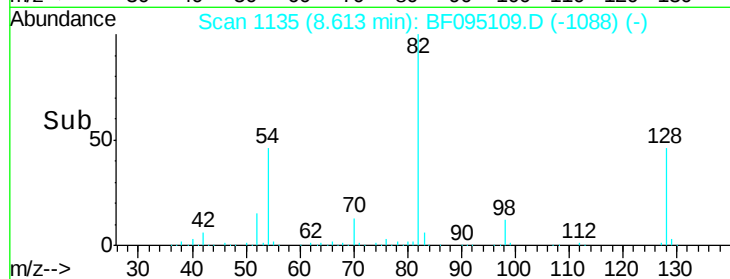
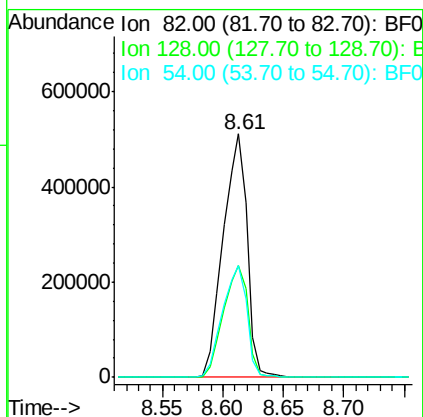
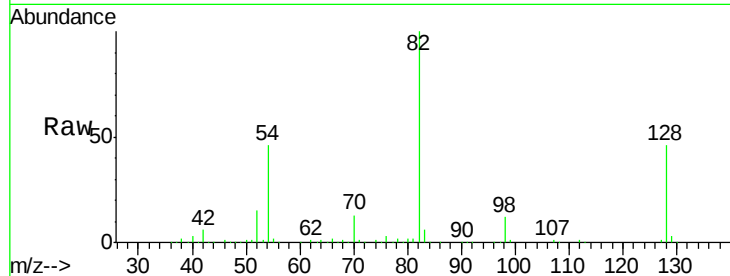




#23
 Nitrobenzene-d5
 Concen: 81.41 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

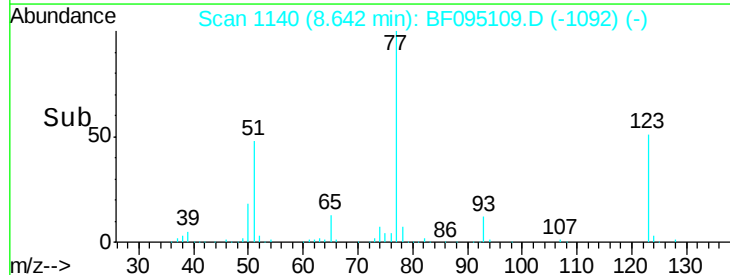
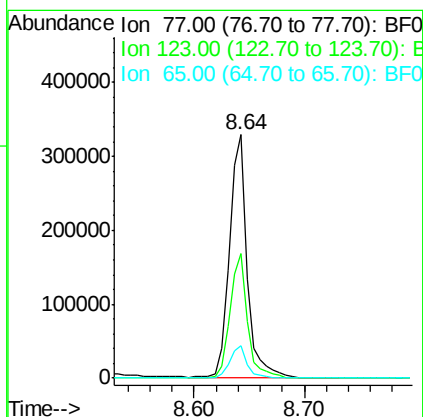
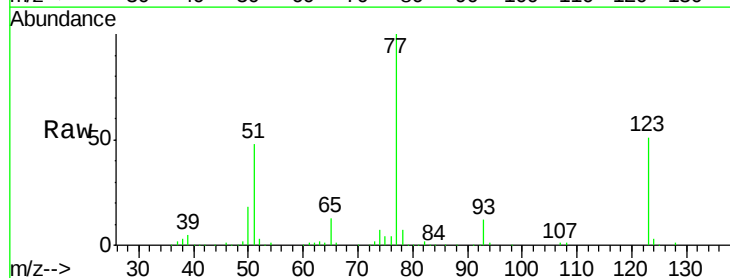
Instrument :
 BNA_F
 ClientSampleId :

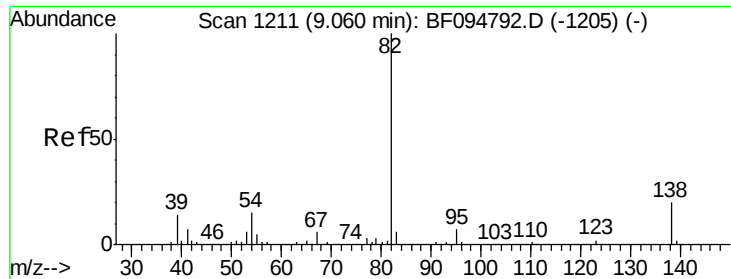
Tot Ion: 82 Resp: 701061
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 46.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 41.07 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Tgt Ion: 77 Resp: 370674
 Ion Ratio Lower Upper
 77 100
 123 50.9 35.8 53.8
 65 13.1 10.6 15.8

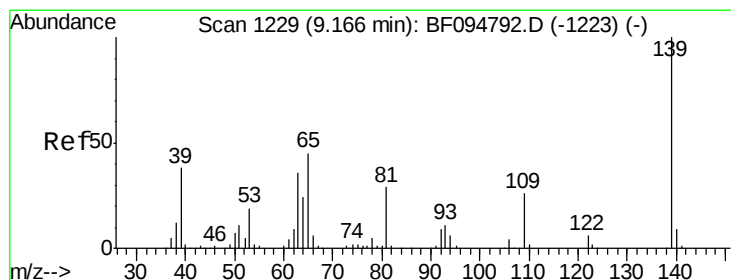
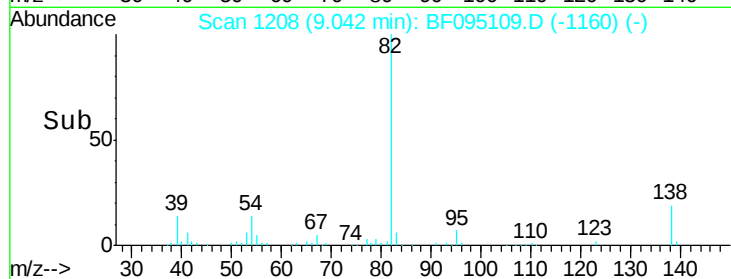
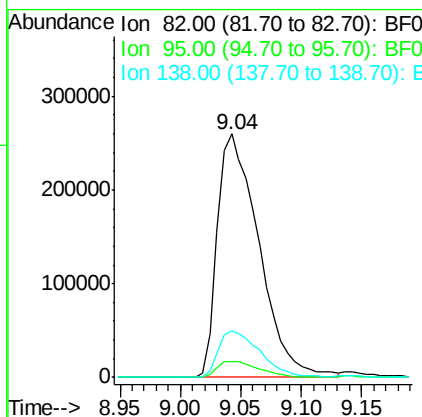
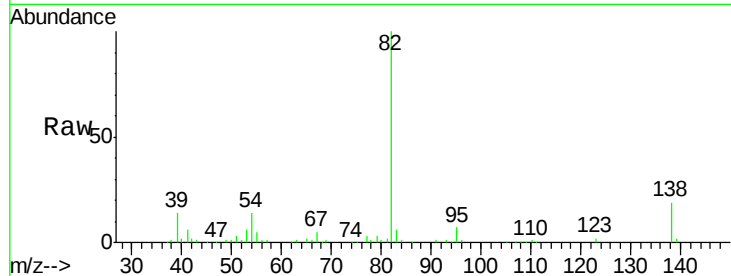




#25
Isophorone
Concen: 40.31 ng
RT: 9.04 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

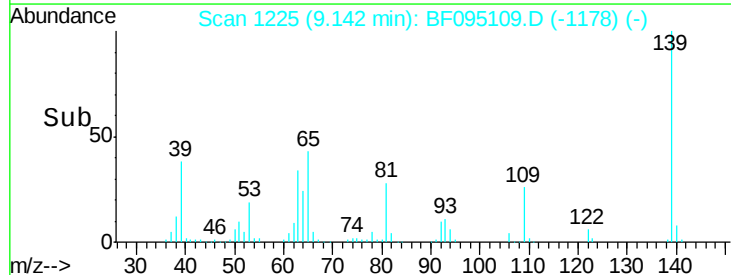
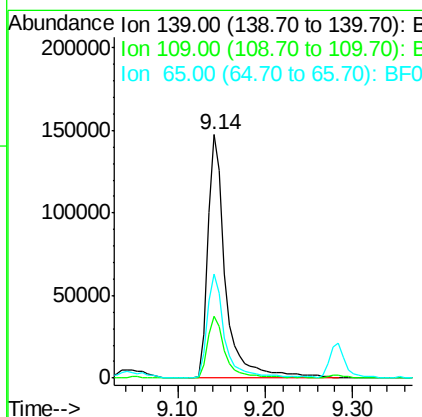
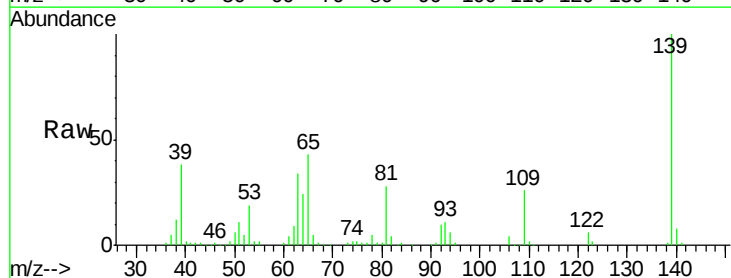
Instrument :
BNA_F
ClientSampleId :

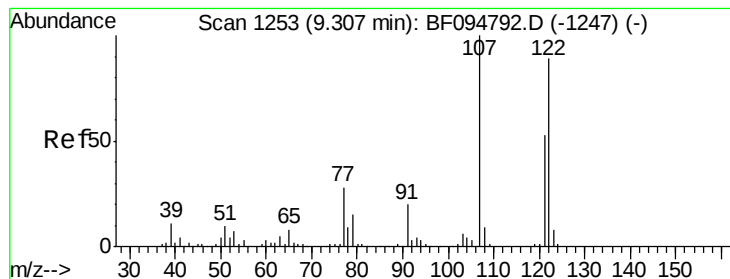
Tot Ion	82	Resp	619817
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.4	13.1	19.7



#26
2-Nitrophenol
Concen: 42.60 ng
RT: 9.14 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion	139	Resp	207483
Ion Ratio	Lower	Upper	
139	100		
109	25.5	21.0	31.6
65	42.8	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 40.29 ng

RT: 9.28 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :
BNA_F
ClientSampleId :

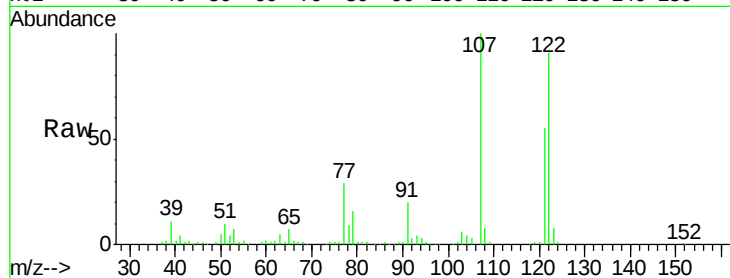
Tot Ion:122 Resp: 317254

Ion Ratio Lower Upper

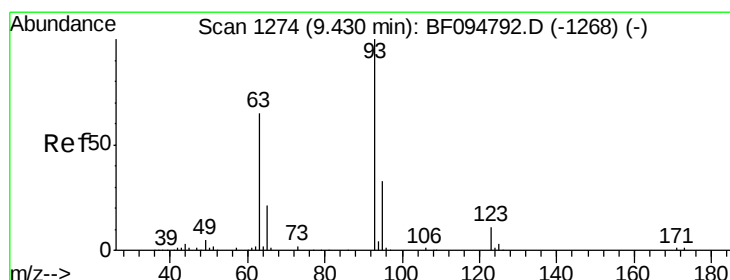
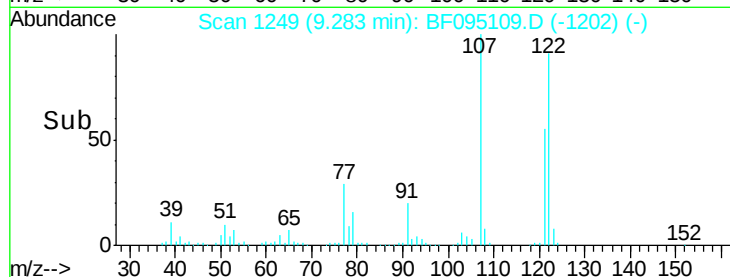
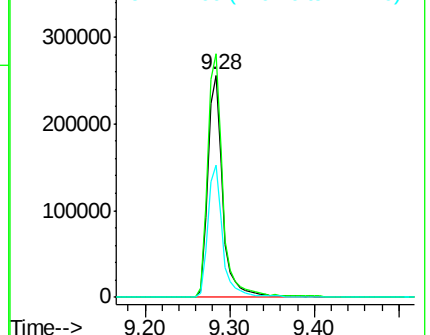
122 100

107 109.7 89.2 133.8

121 59.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.73 ng

RT: 9.41 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

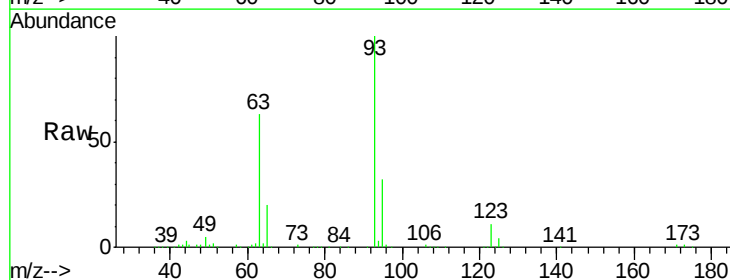
Tgt Ion: 93 Resp: 422583

Ion Ratio Lower Upper

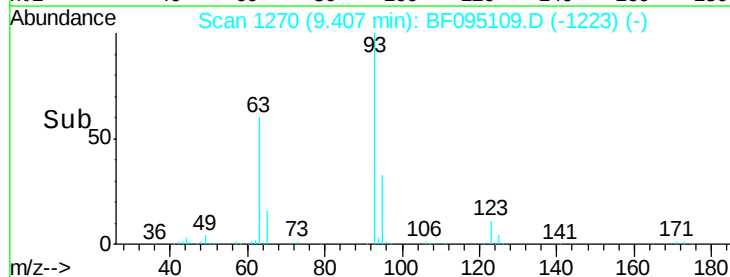
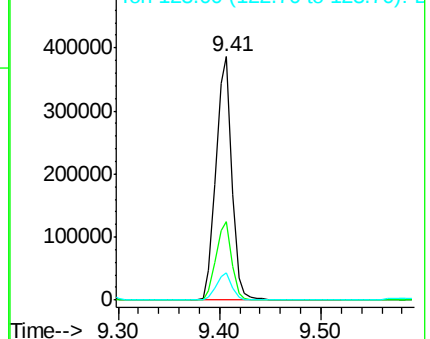
93 100

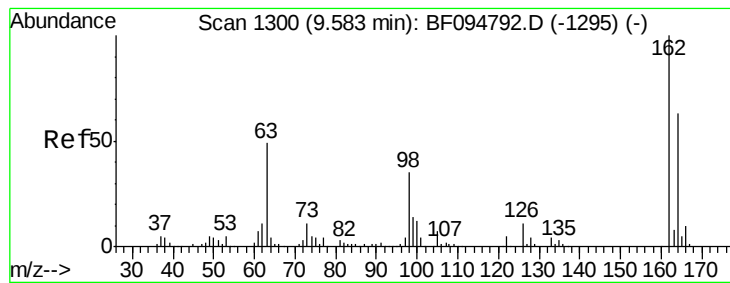
95 32.5 26.5 39.7

123 11.2 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.37 ng

RT: 9.57 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

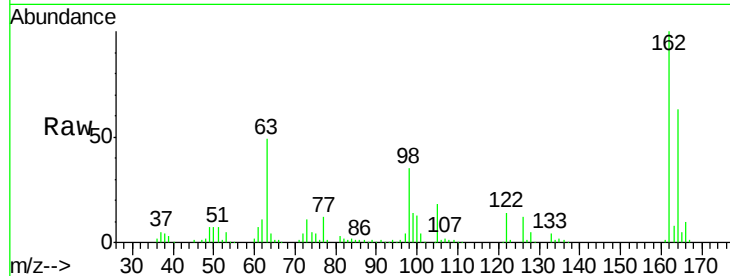
Tot Ion:162 Resp: 292697

Ion Ratio Lower Upper

162 100

164 63.2 44.6 84.6

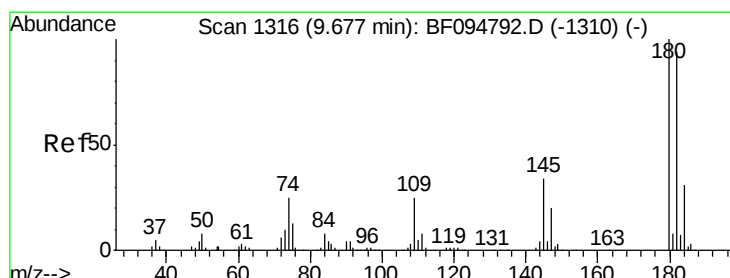
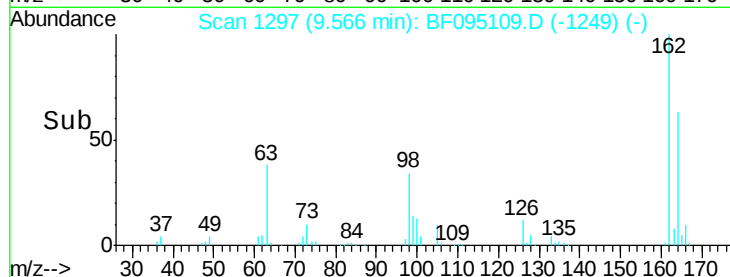
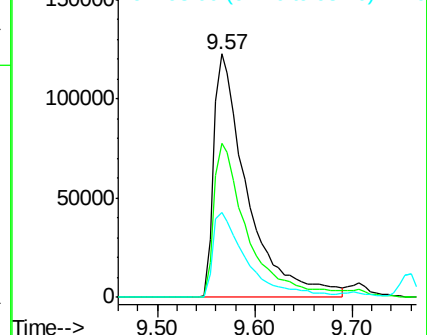
98 34.8 14.8 54.8



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: 39.75 ng

RT: 9.65 min Scan# 1311

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

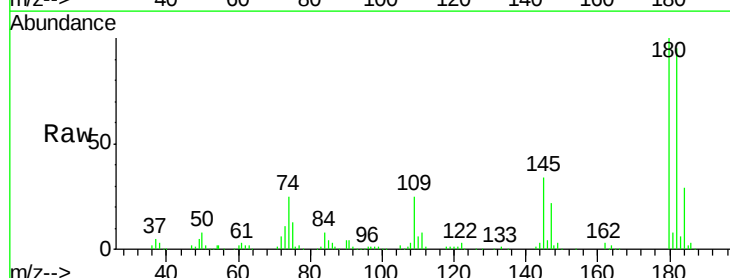
Tgt Ion:180 Resp: 316605

Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.6

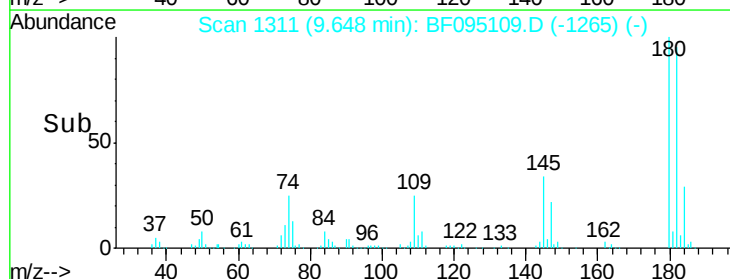
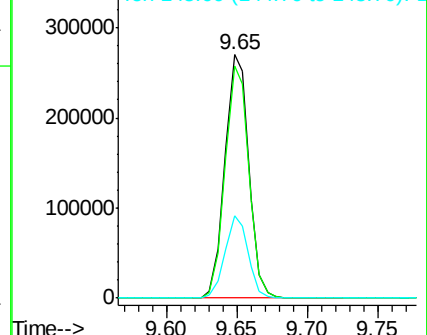
145 33.8 25.3 37.9

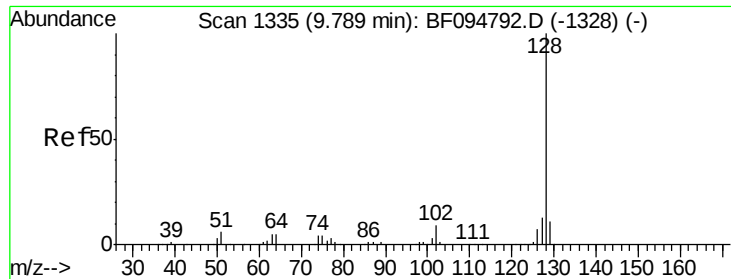


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

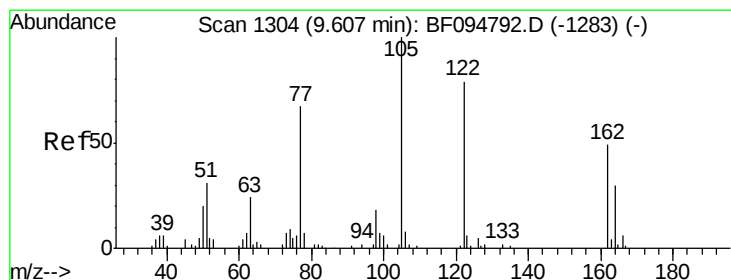
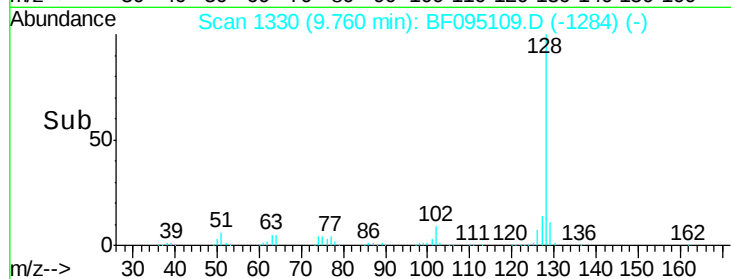
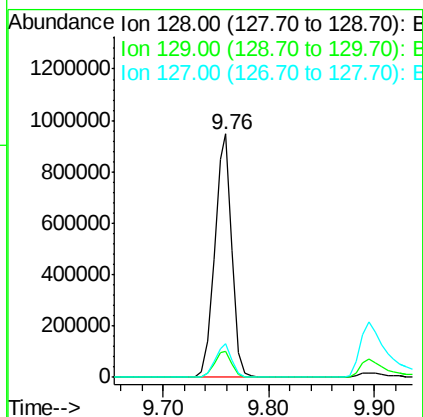
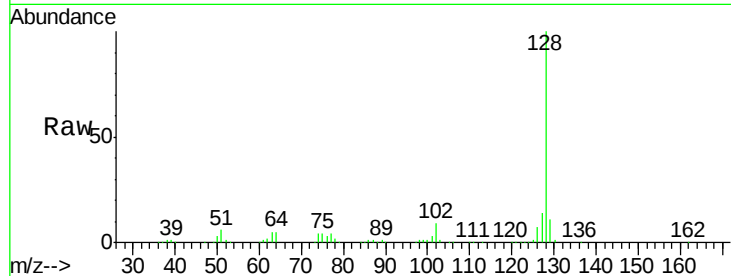




#31
Naphthalene
Concen: 39.44 ng
RT: 9.76 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

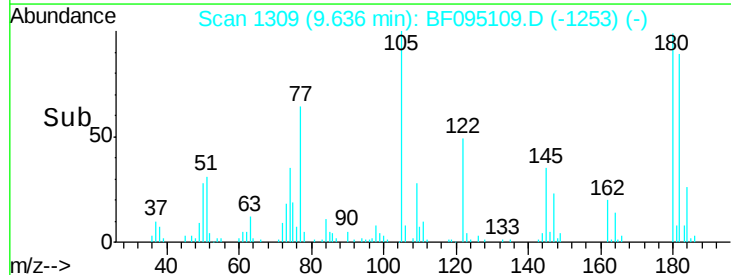
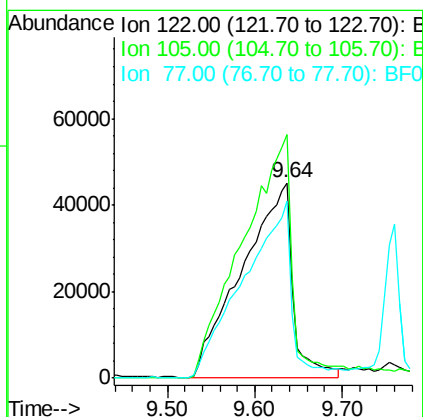
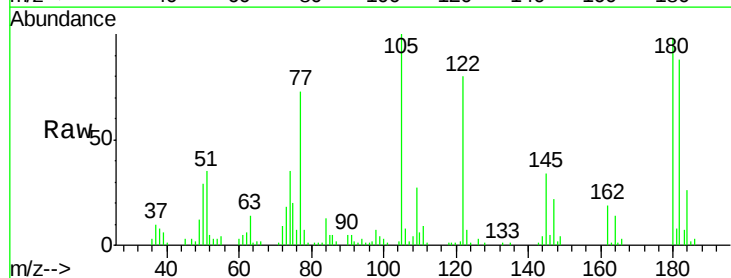
Instrument :
BNA_F
ClientSampleId :

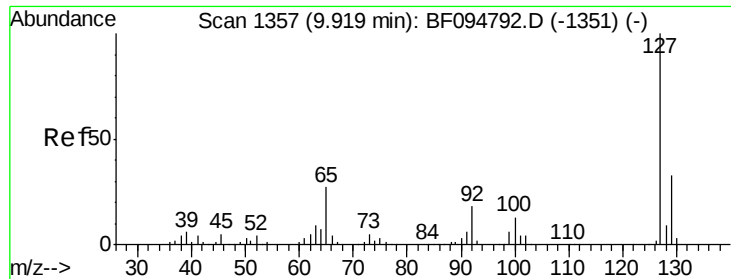
Tot Ion:128 Resp: 1076255
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 36.28 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion:122 Resp: 180383
Ion Ratio Lower Upper
122 100
105 124.8 103.3 143.3
77 90.5 73.7 113.7

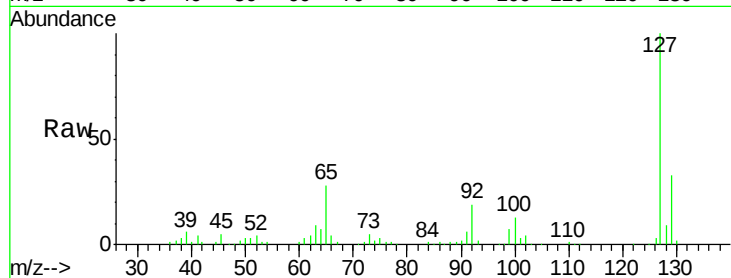




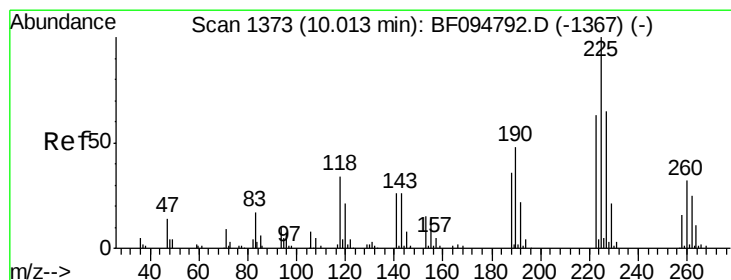
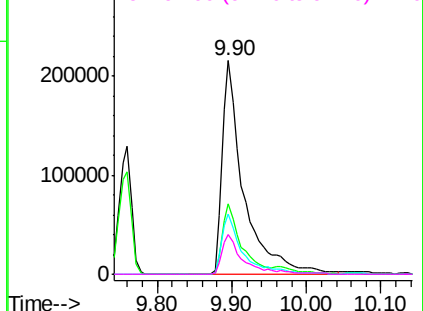
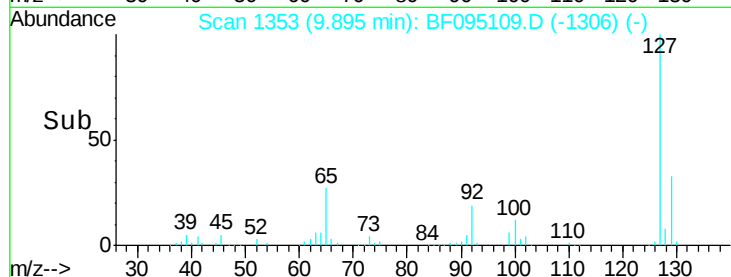
#33
4-Chloroaniline
Concen: 42.43 ng
RT: 9.90 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	431524
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	28.2	27.8	41.8
92	18.6	16.8	25.2

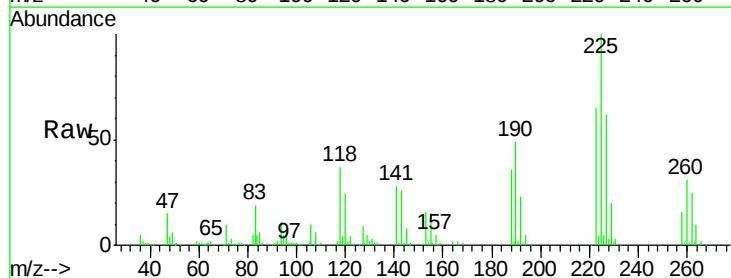


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

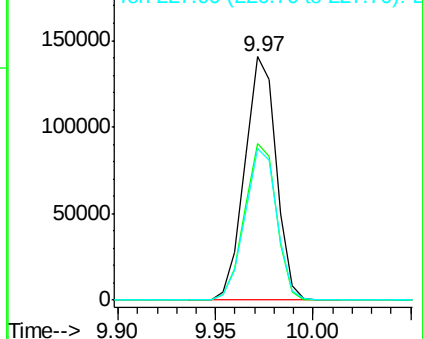
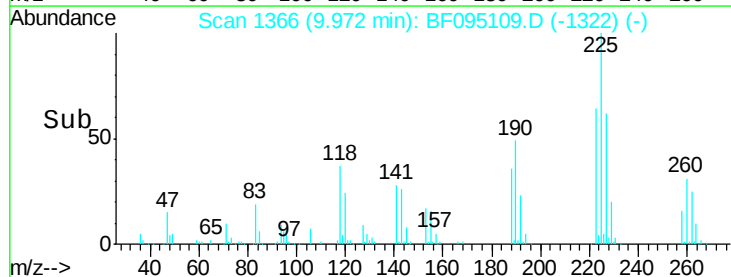


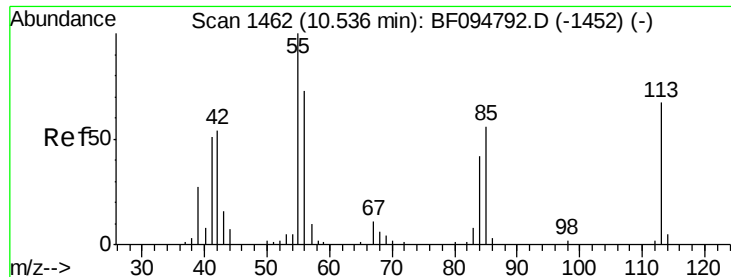
#34
Hexachlorobutadiene
Concen: 37.42 ng
RT: 9.97 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion:	225	Resp:	157281
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	62.0	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: 30.02 ng

RT: 10.54 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

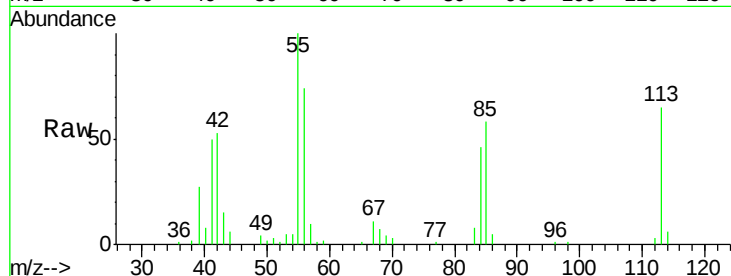
Tot Ion:113 Resp: 67023

Ion Ratio Lower Upper

113 100

55 154.2 150.2 190.2

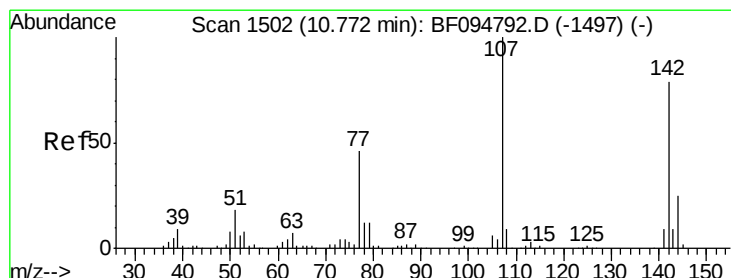
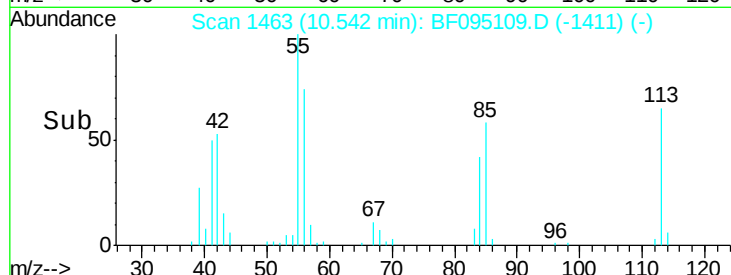
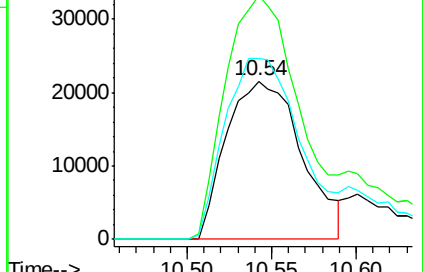
56 114.8 107.8 147.8



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: 41.72 ng

RT: 10.75 min Scan# 1499

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

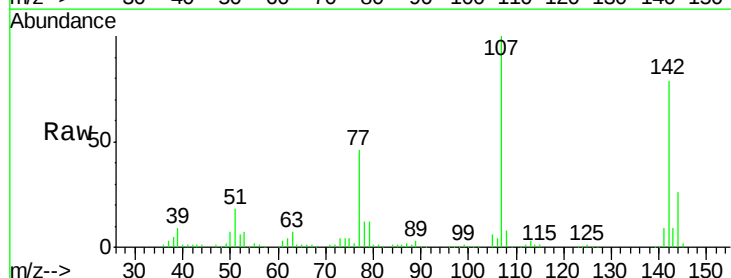
Tgt Ion:107 Resp: 331659

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

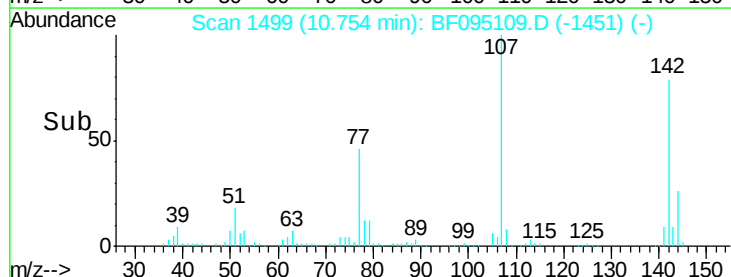
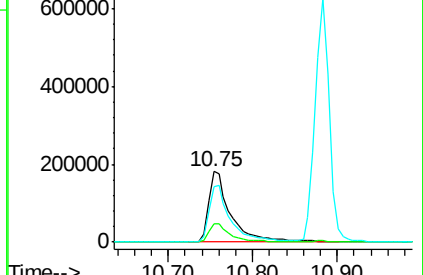
142 79.0 73.4 110.0

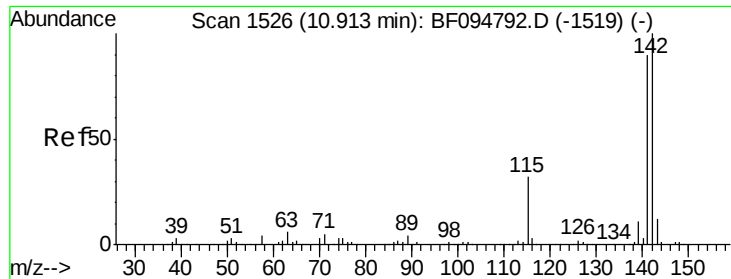


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

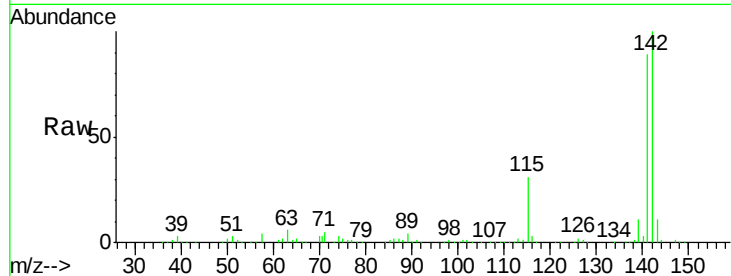




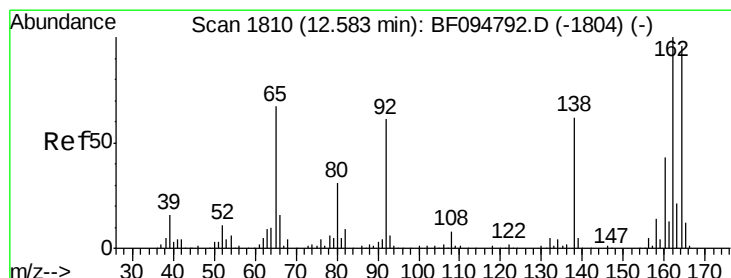
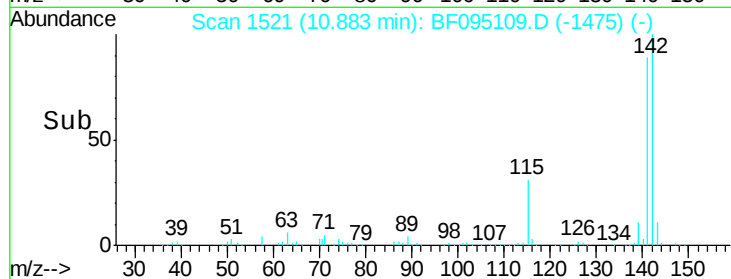
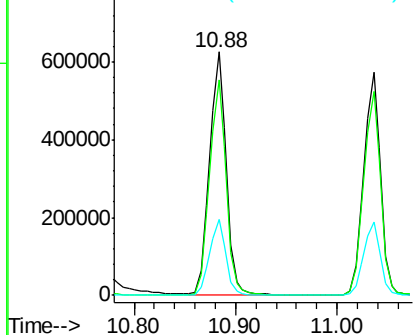
#37
2-Methylnaphthalene
Concen: 40.21 ng
RT: 10.88 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 720220
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 31.4 27.1 40.7

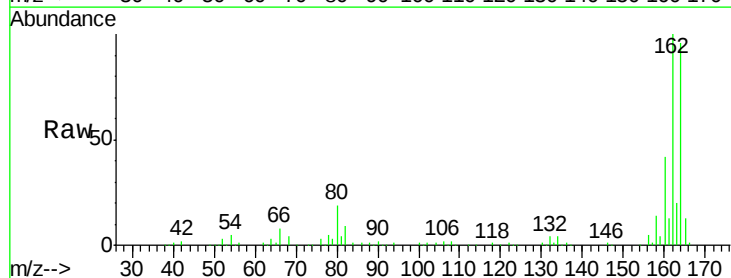


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

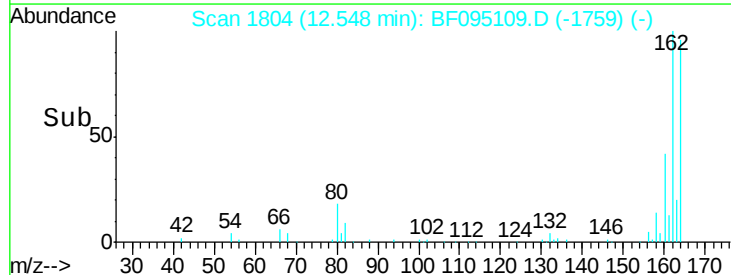
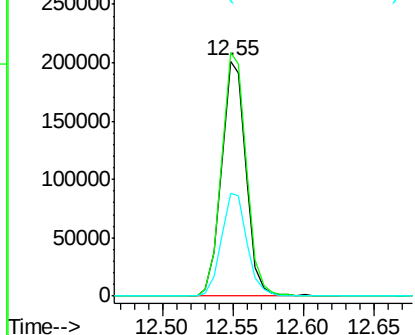


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.04 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion:164 Resp: 241243
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 43.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.09 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 290012

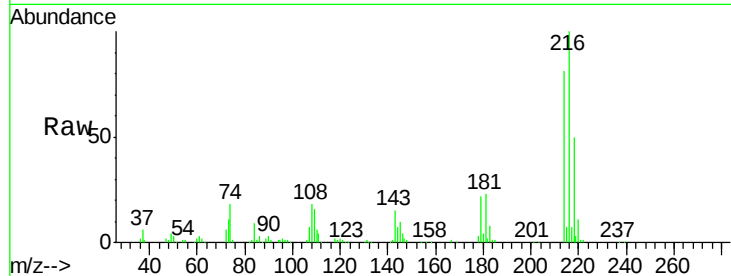
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.3 17.9 26.9

108 19.5 16.5 24.7

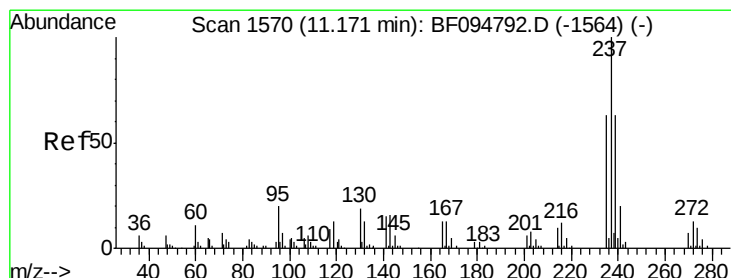
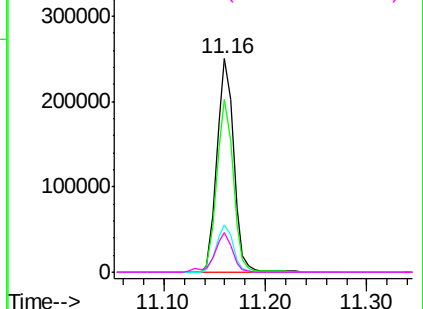
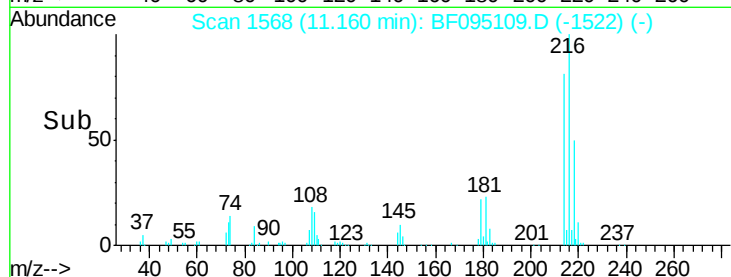


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.81 ng

RT: 11.14 min Scan# 1564

Delta R.T. -0.04 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

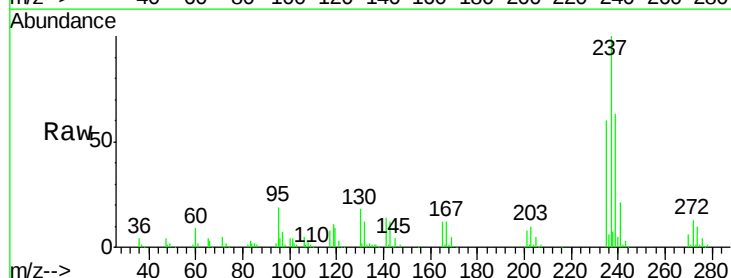
Tgt Ion:237 Resp: 130776

Ion Ratio Lower Upper

237 100

235 59.7 42.6 82.6

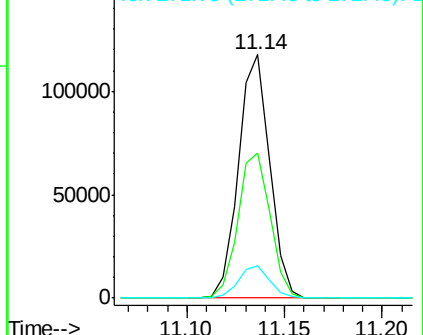
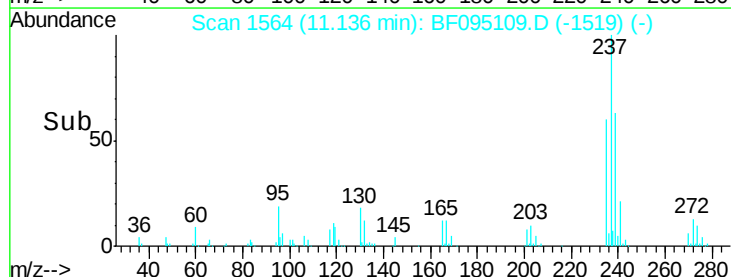
272 13.3 0.0 31.9

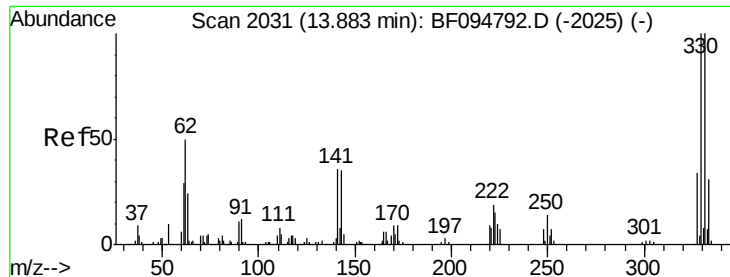


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

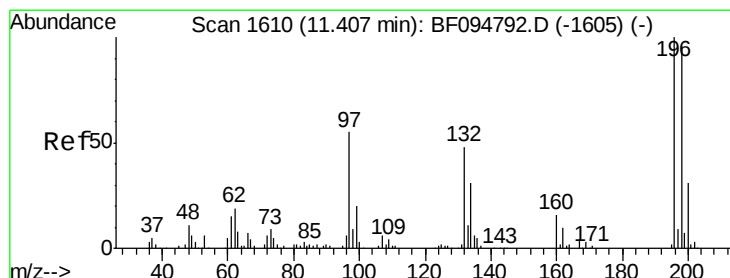
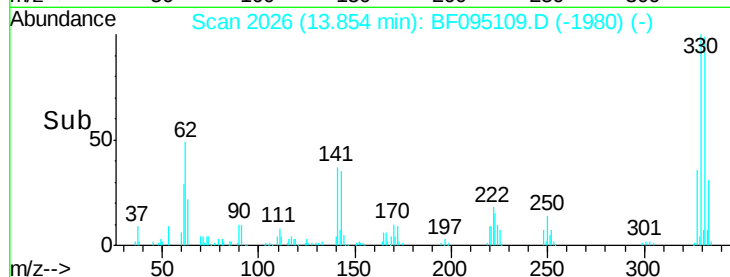
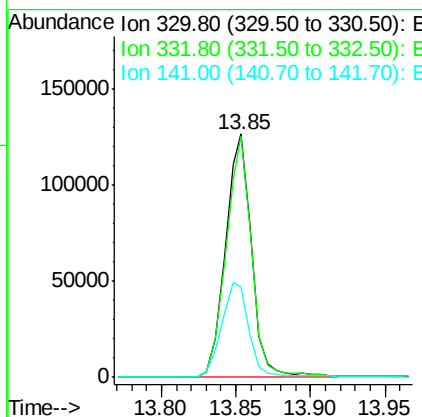
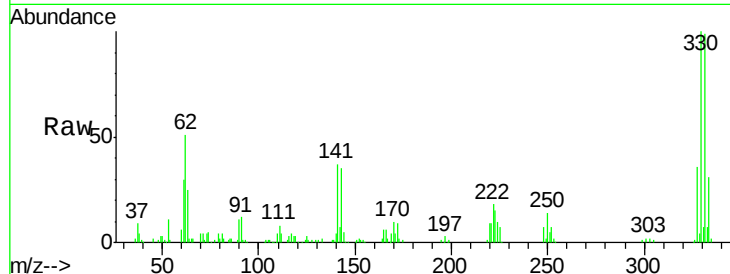




#41
 2,4,6-Tribromophenol
 Concen: 79.41 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

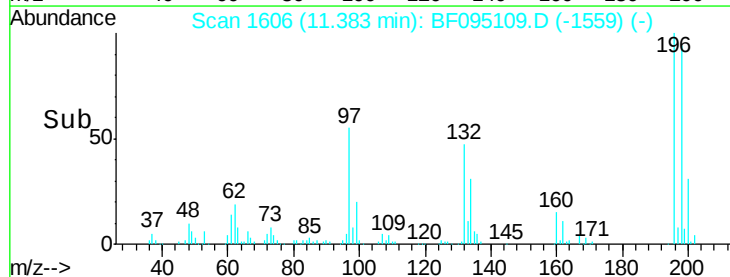
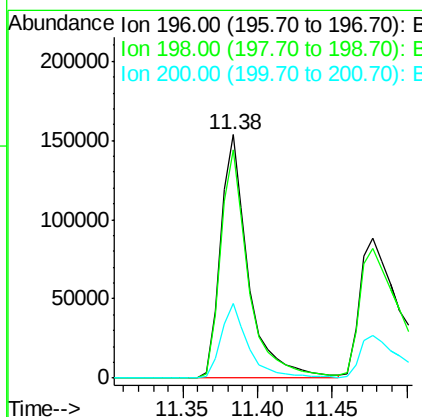
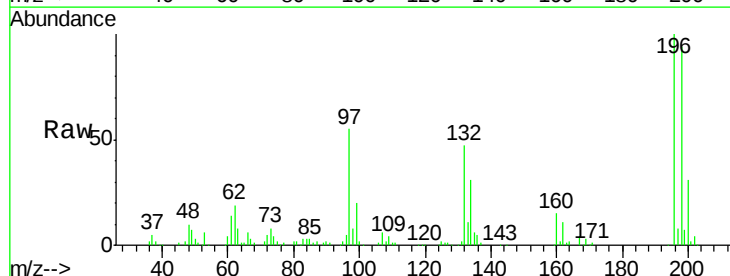
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 156898
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 41.3 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.53 ng
 RT: 11.38 min Scan# 1606
 Delta R.T. -0.02 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Tgt Ion:196 Resp: 200773
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.2 111.4
 200 30.7 24.0 36.0

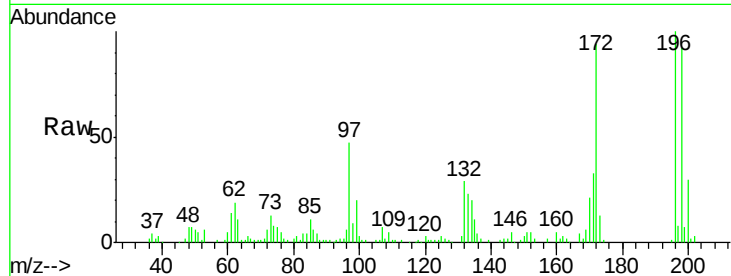




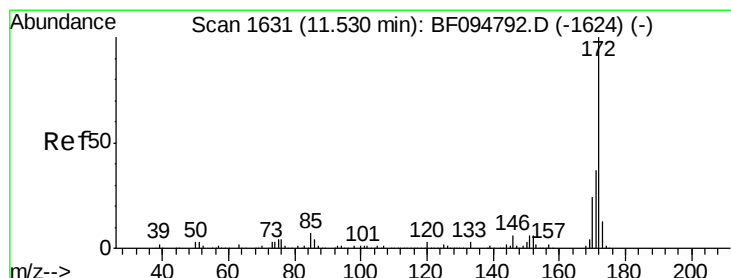
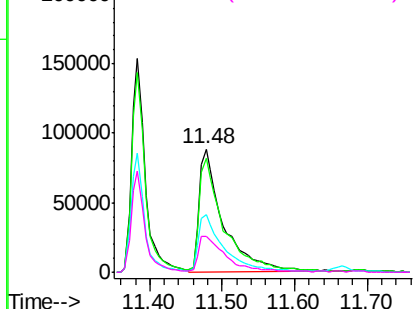
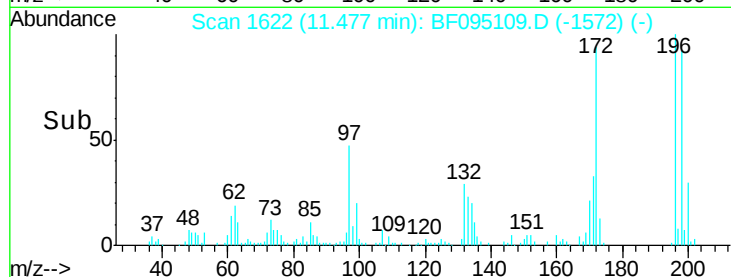
#43
2,4,5-Trichlorophenol
Concen: 38.32 ng
RT: 11.48 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	75.7	113.5
97	47.4	47.7	71.5#
132	28.9	28.0	42.0

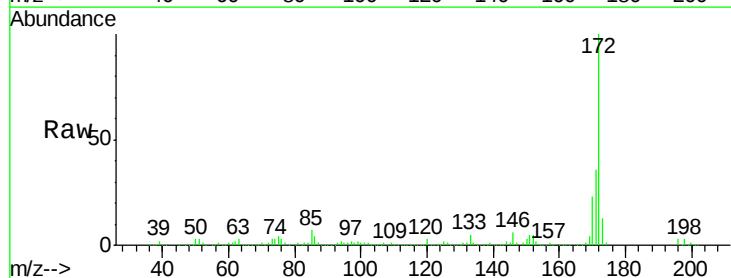


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

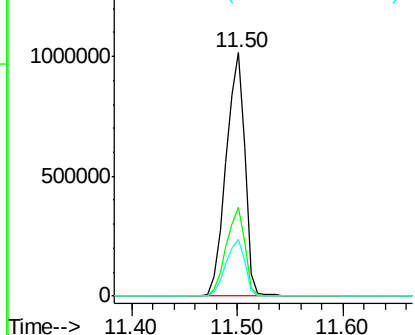
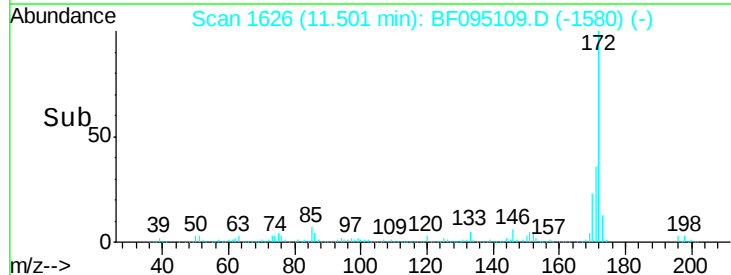


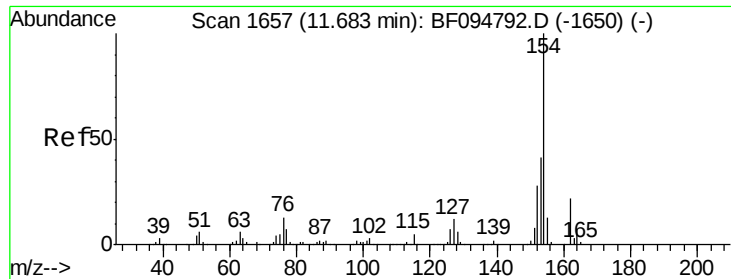
#44
2-Fluorobiphenyl
Concen: 74.72 ng
RT: 11.50 min Scan# 1626
Delta R.T. -0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.5	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

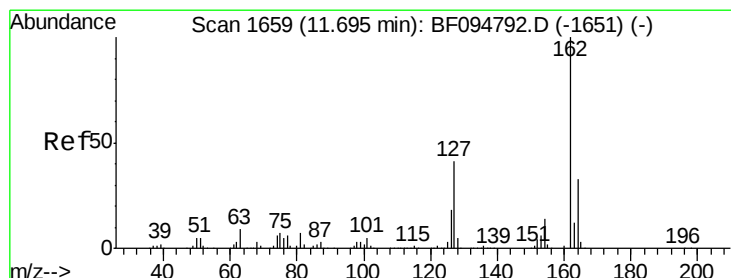
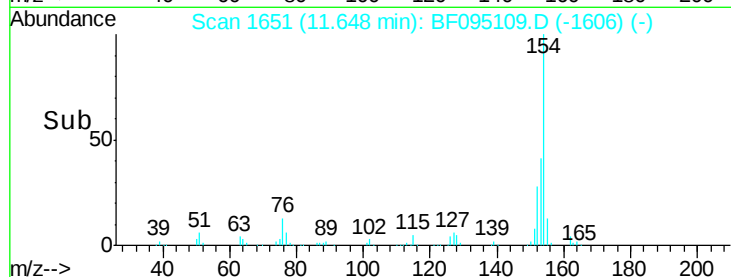
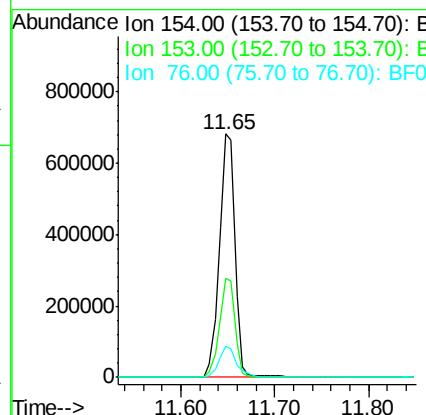
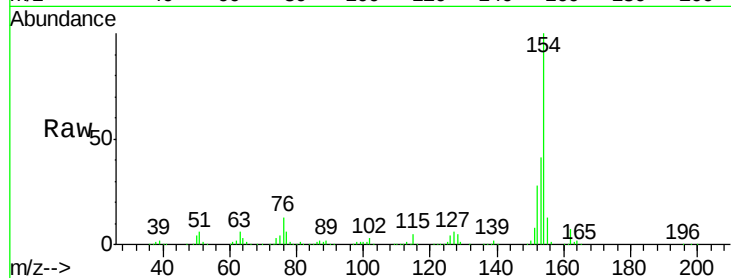




#45
 1,1'-Biphenyl
 Concen: 39.57 ng
 RT: 11.65 min Scan# 1651
 Delta R.T. -0.04 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

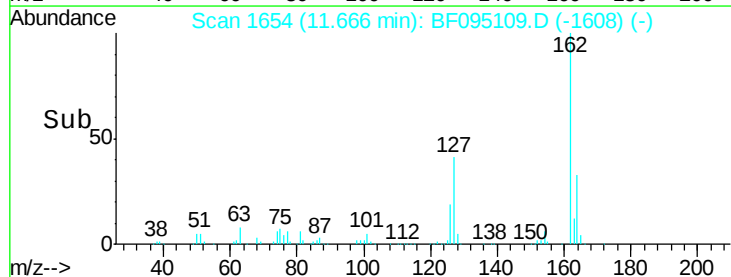
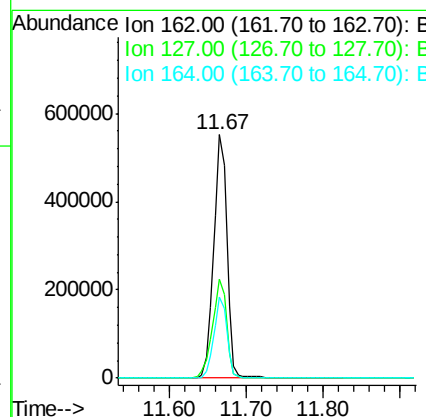
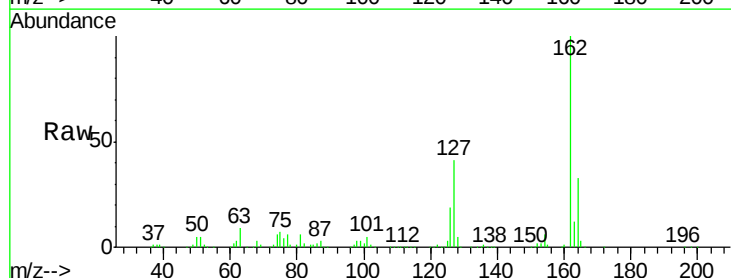
Instrument :
 BNA_F
 ClientSampleId :

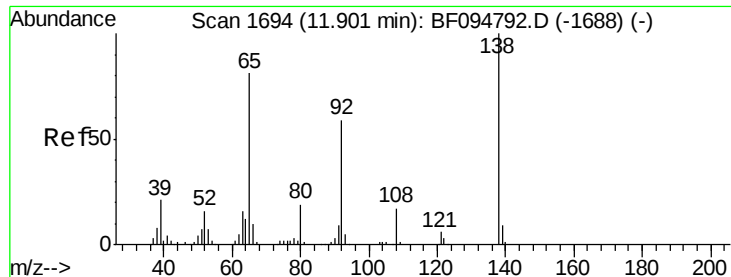
Tot Ion:154 Resp: 803636
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.2 61.2
 76 13.0 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 39.73 ng
 RT: 11.67 min Scan# 1654
 Delta R.T. -0.03 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Tgt Ion:162 Resp: 651628
 Ion Ratio Lower Upper
 162 100
 127 40.9 28.3 42.5
 164 33.3 27.0 40.4





#47

2-Nitroaniline

Concen: 43.39 ng

RT: 11.88 min Scan# 1691

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

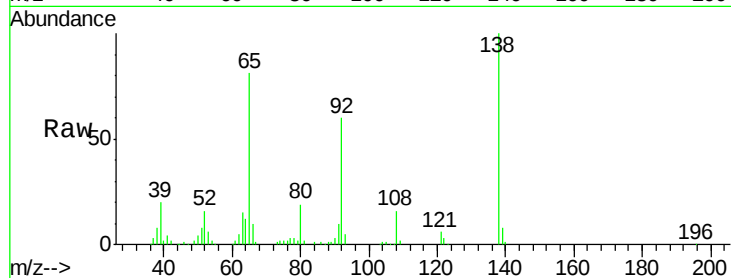
Tot Ion: 65 Resp: 194790

Ion Ratio Lower Upper

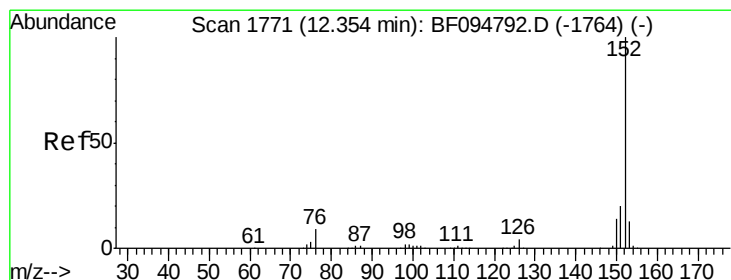
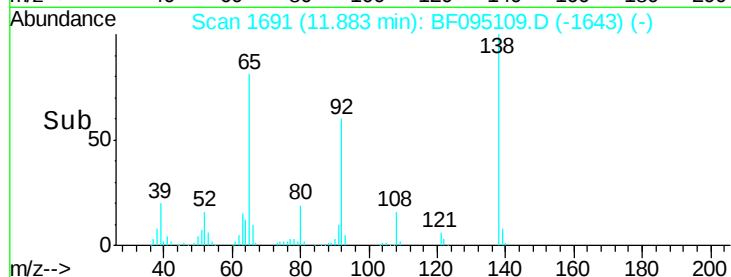
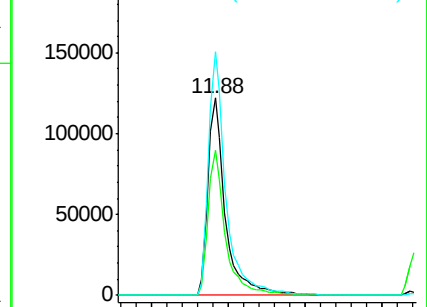
65 100

92 73.6 53.9 80.9

138 123.3 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.73 ng

RT: 12.32 min Scan# 1766

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

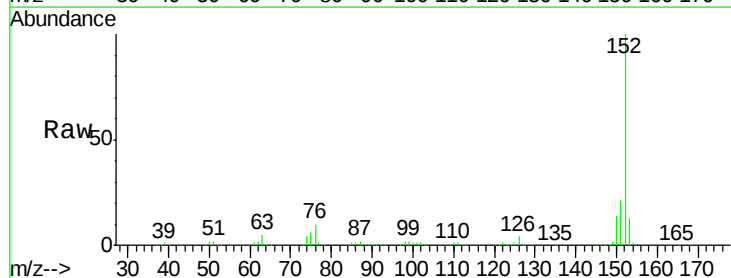
Tgt Ion: 152 Resp: 1020681

Ion Ratio Lower Upper

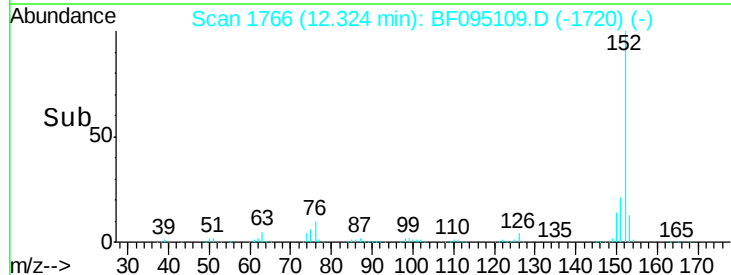
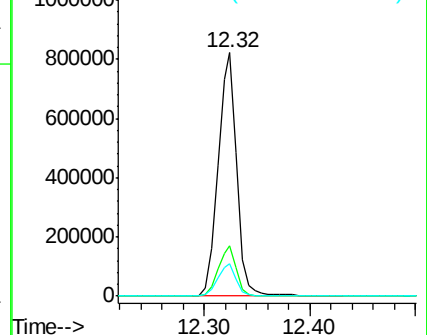
152 100

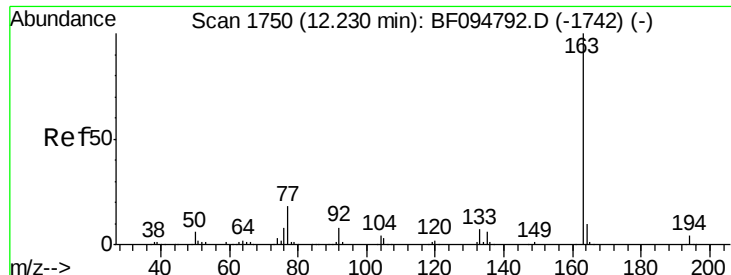
151 20.7 16.8 25.2

153 13.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.29 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

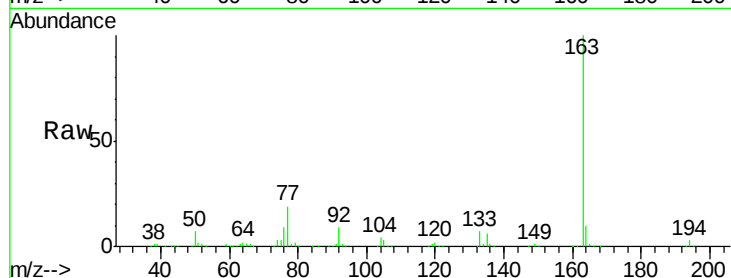
Tot Ion:163 Resp: 758265

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

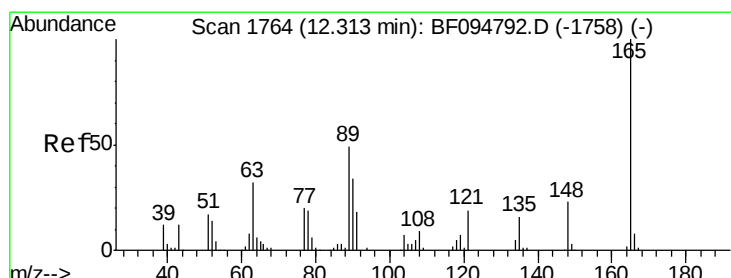
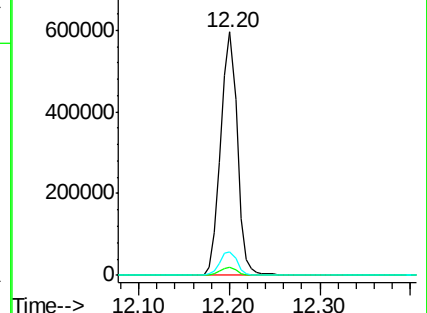
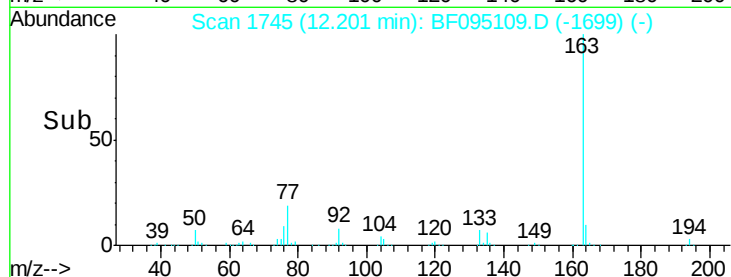
164 9.8 8.4 12.6



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: 39.21 ng

RT: 12.29 min Scan# 1761

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

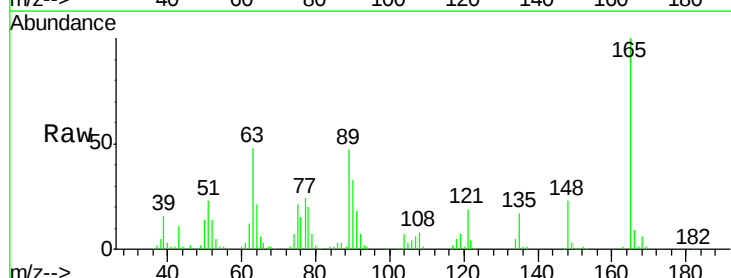
Tgt Ion:165 Resp: 158431

Ion Ratio Lower Upper

165 100

63 47.8 34.3 51.5

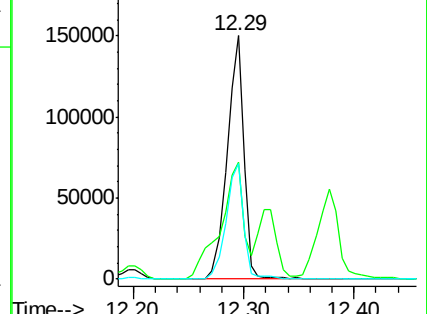
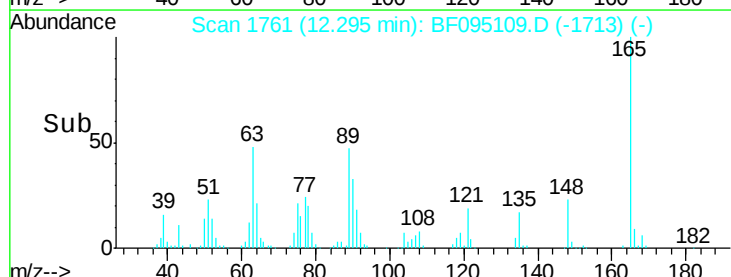
89 47.5 37.1 55.7

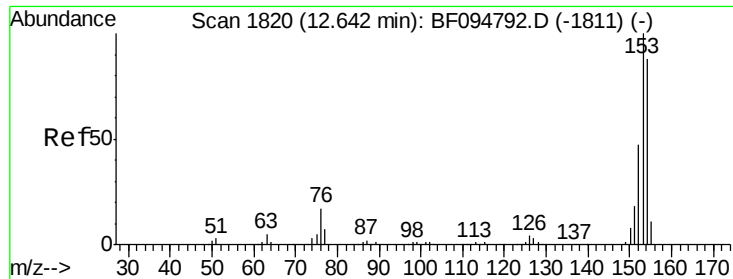


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

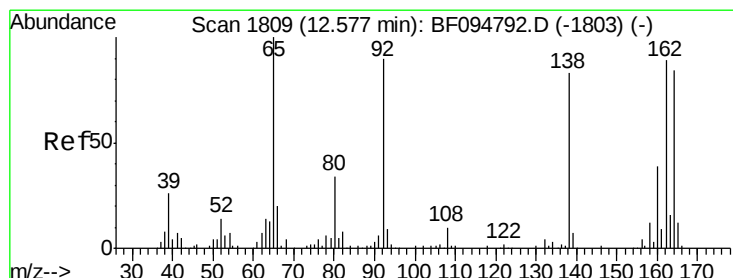
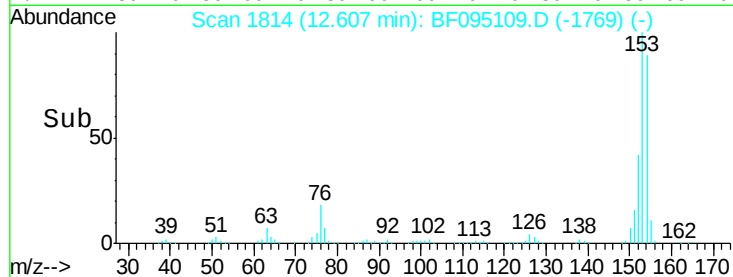
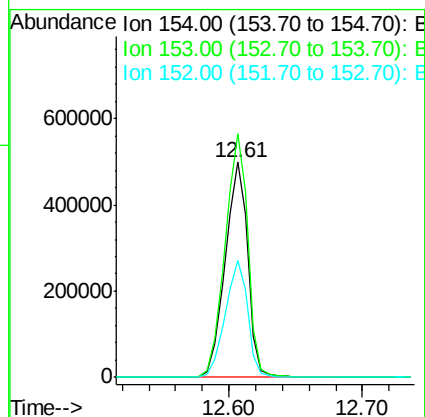
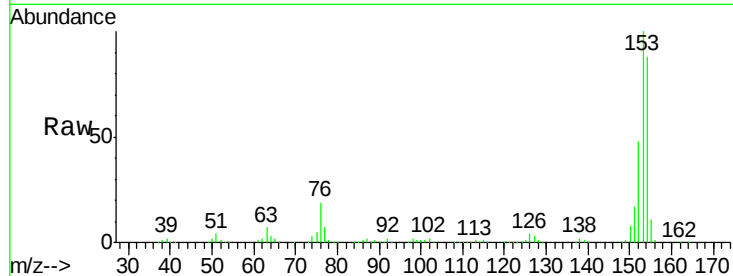




#51
Acenaphthene
Concen: 38.98 ng
RT: 12.61 min Scan# 1814
Delta R.T. -0.04 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

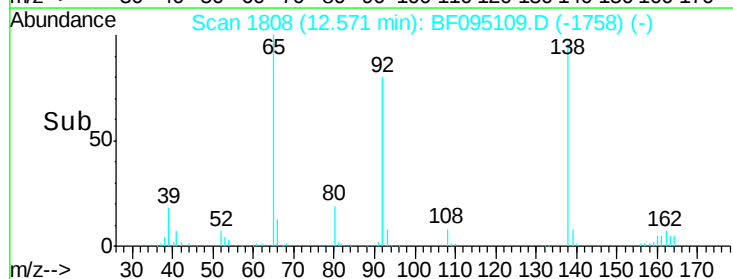
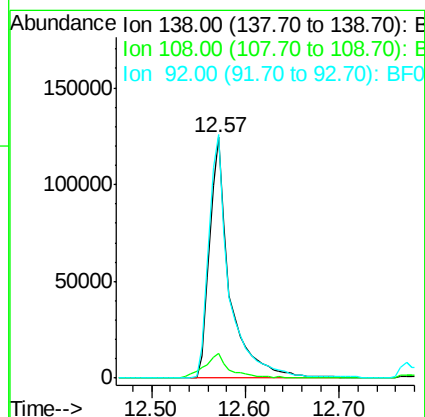
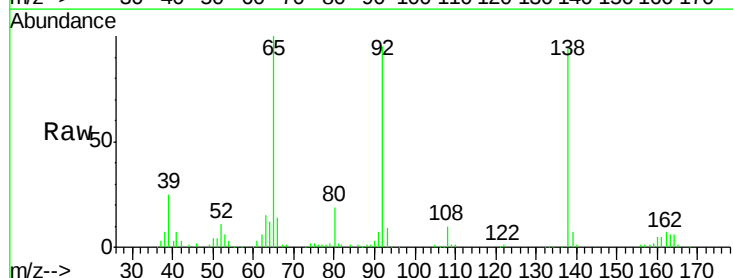
Instrument :
BNA_F
ClientSampleId :

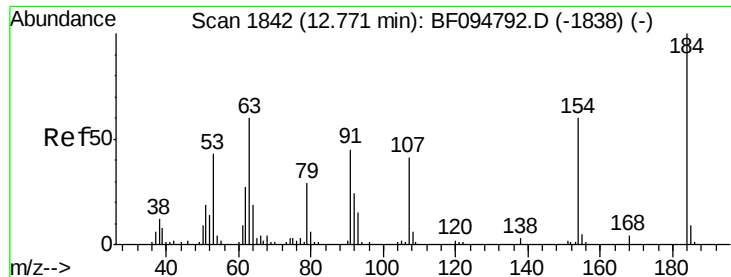
Tot Ion:154 Resp: 598023
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 54.2 43.6 65.4



#52
3-Nitroaniline
Concen: 43.46 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion:138 Resp: 188468
Ion Ratio Lower Upper
138 100
108 10.4 9.1 13.7
92 101.2 93.8 140.6

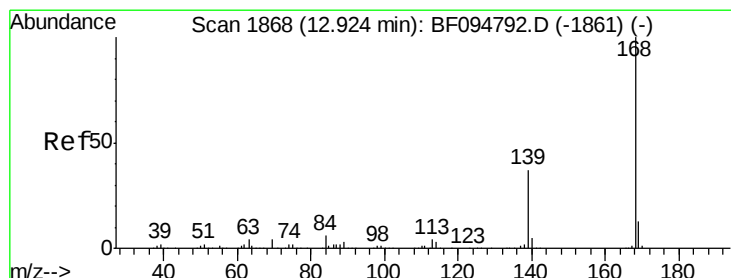
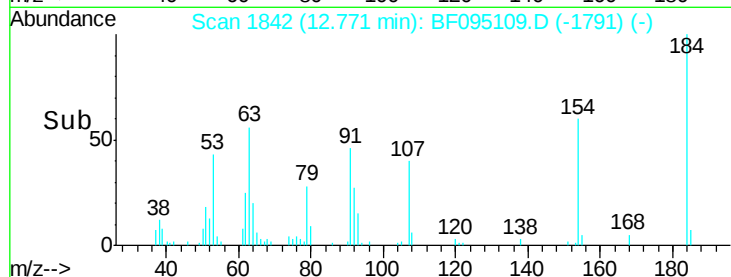
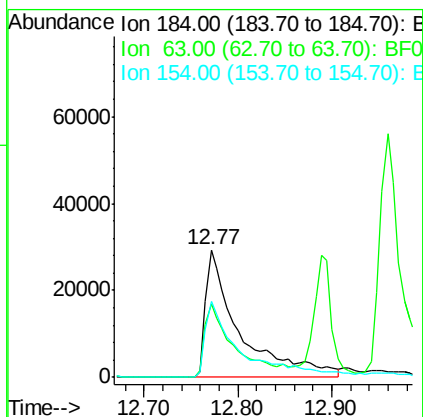
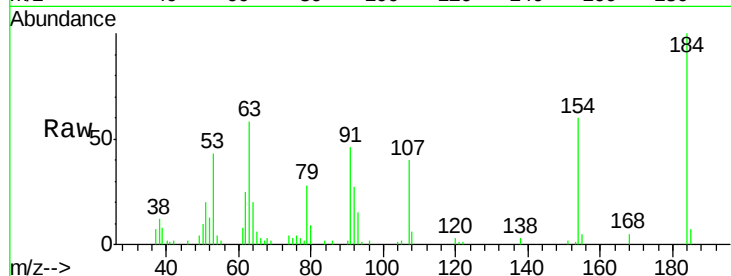




#53
2,4-Dinitrophenol
Concen: 36.68 ng
RT: 12.77 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

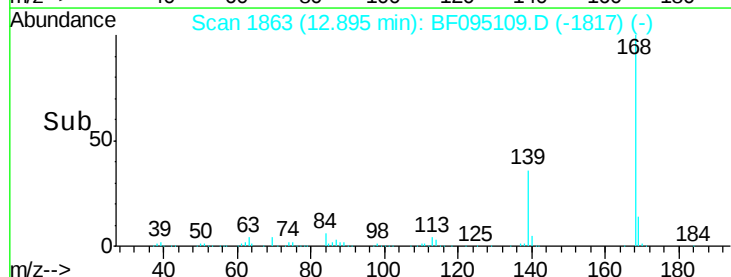
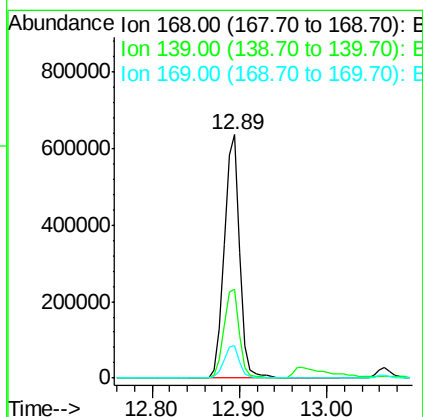
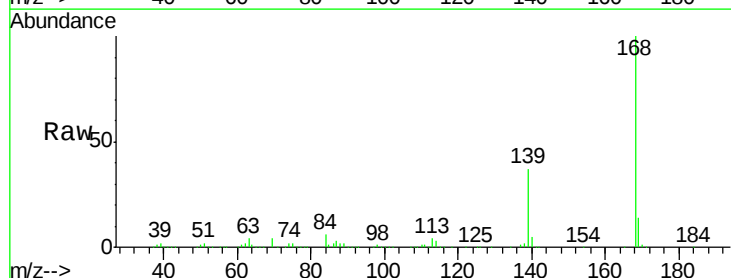
Instrument :
BNA_F
ClientSampleId :

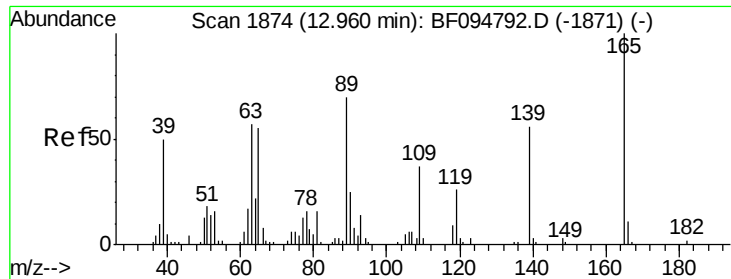
Tot Ion:184 Resp: 73465
Ion Ratio Lower Upper
184 100
63 57.6 62.7 94.1#
154 59.7 81.1 121.7#



#54
Dibenzofuran
Concen: 36.61 ng
RT: 12.89 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion:168 Resp: 777292
Ion Ratio Lower Upper
168 100
139 36.5 30.6 45.8
169 13.5 10.8 16.2

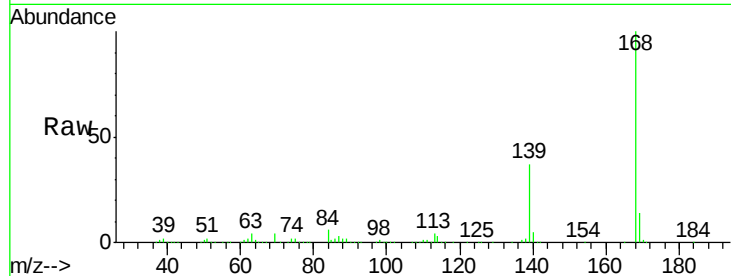




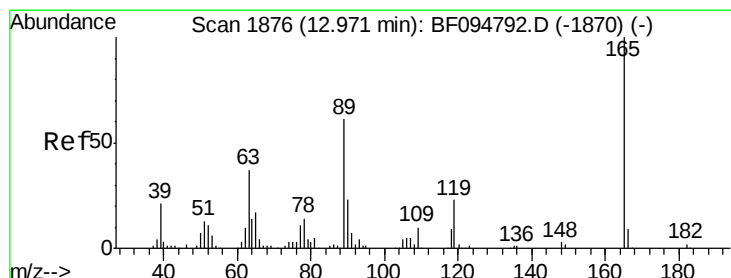
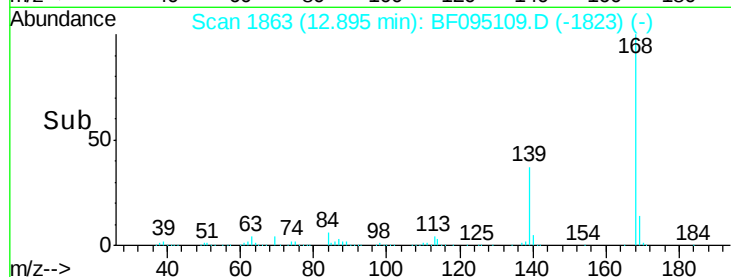
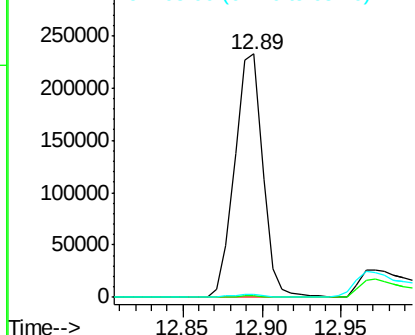
#55
4-Nitrophenol
Concen: 110.26 ng
RT: 12.89 min Scan# 1863
Delta R.T. -0.06 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 287179
Ion Ratio Lower Upper
139 100
109 0.6 34.1 74.1#
65 1.2 31.4 71.4#

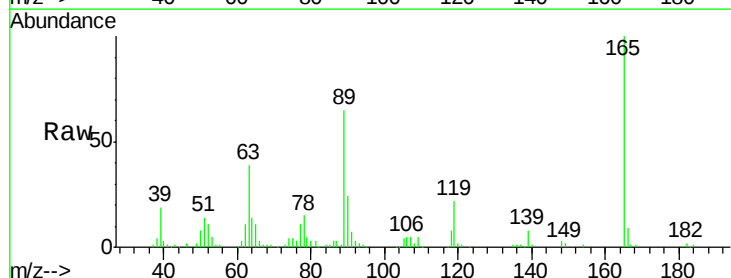


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

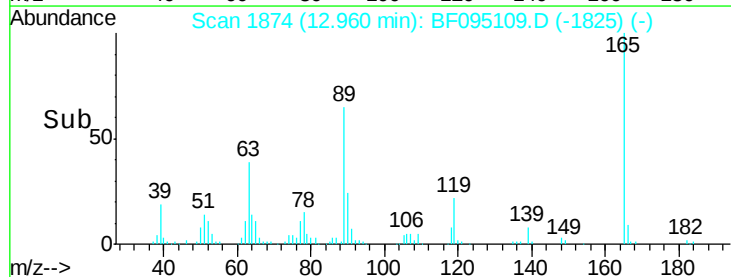
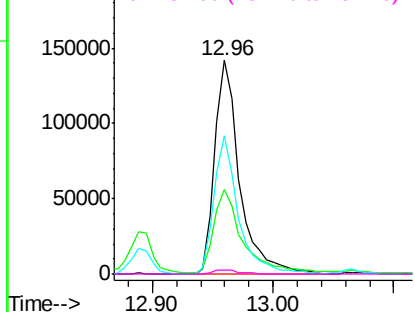


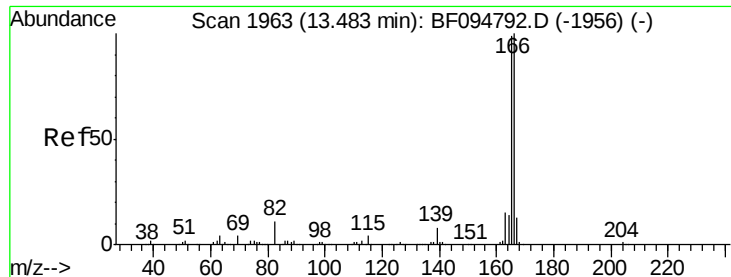
#56
2,4-Dinitrotoluene
Concen: 38.83 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion:165 Resp: 201590
Ion Ratio Lower Upper
165 100
63 39.5 25.4 38.0#
89 64.9 46.4 69.6
182 2.0 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: 35.61 ng

RT: 13.45 min Scan# 1957

Delta R.T. -0.04 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

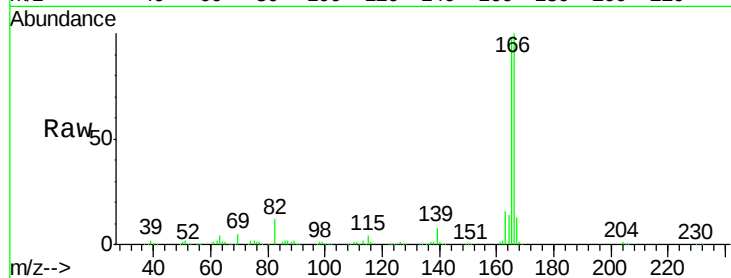
Tot Ion:166 Resp: 657475

Ion Ratio Lower Upper

166 100

165 98.2 78.8 118.2

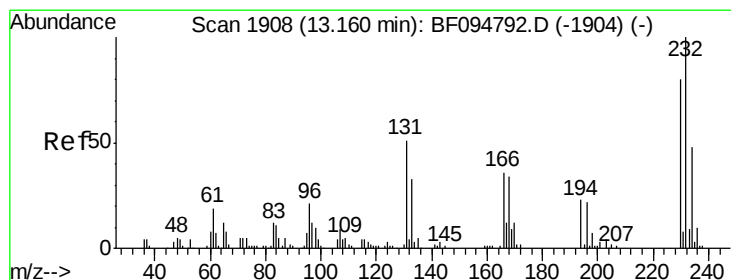
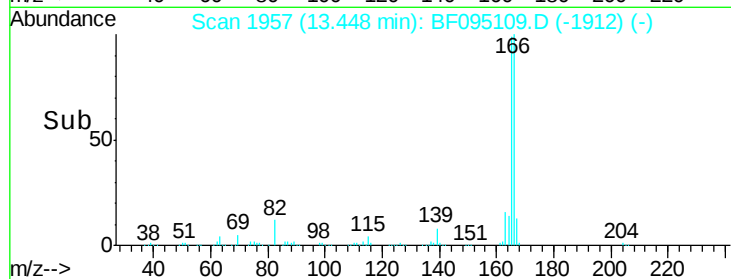
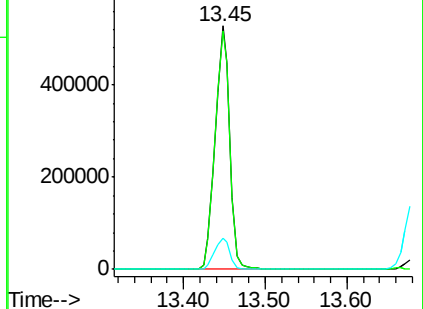
167 13.0 10.6 16.0



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: 39.22 ng

RT: 13.14 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Tgt Ion:232 Resp: 131415

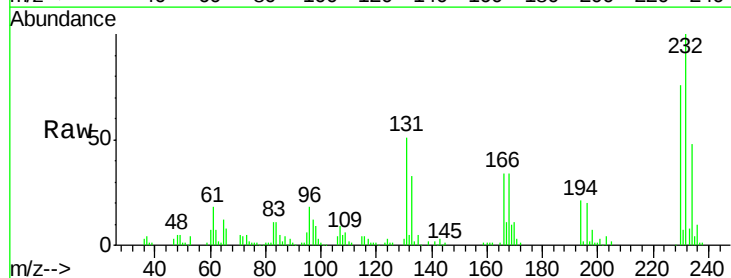
Ion Ratio Lower Upper

232 100

131 51.1 44.8 67.2

130 2.1 2.3 3.5#

166 32.3 29.0 43.4

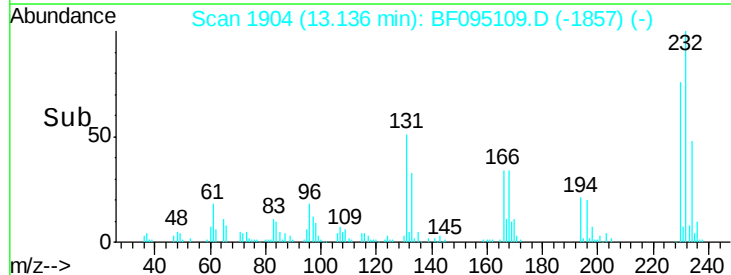
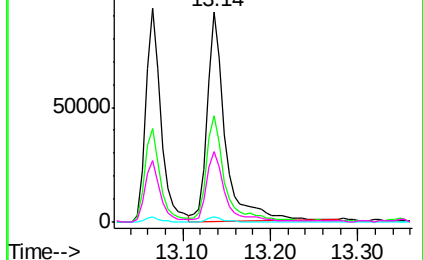


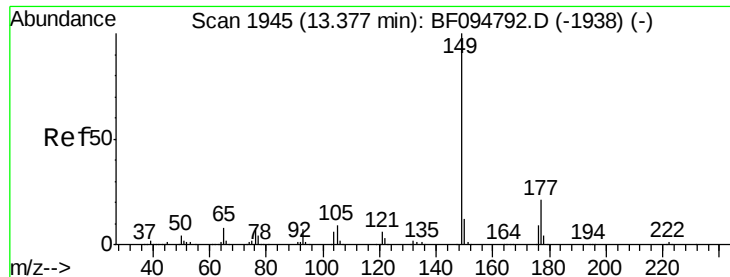
Abundance Ion 232.00 (231.70 to 232.70): E

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

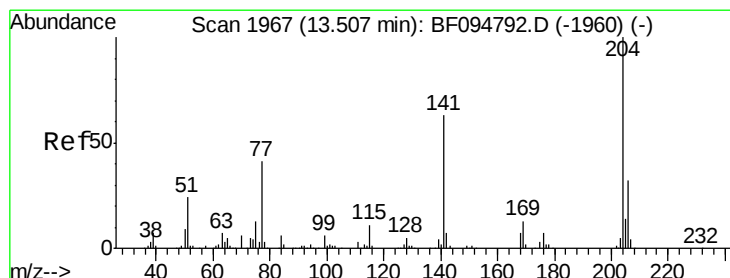
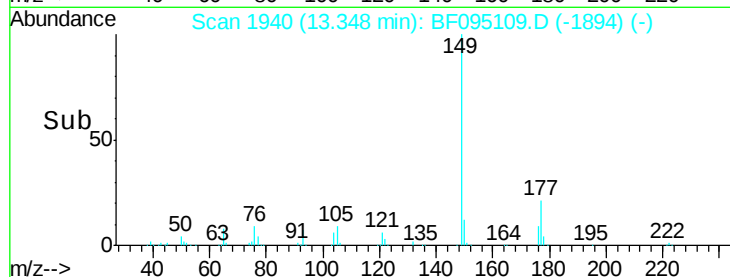
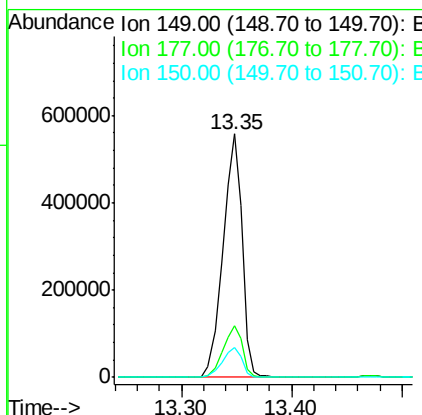
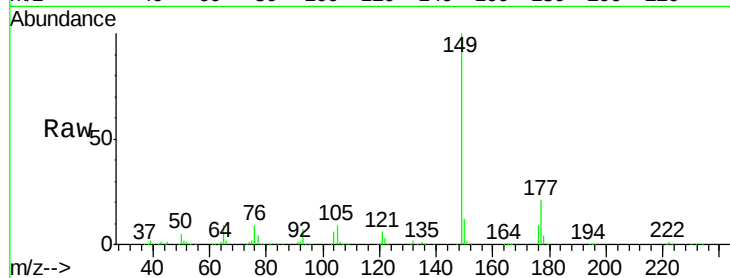




#59
Diethylphthalate
Concen: 35.47 ng
RT: 13.35 min Scan# 1940
Delta R.T. -0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

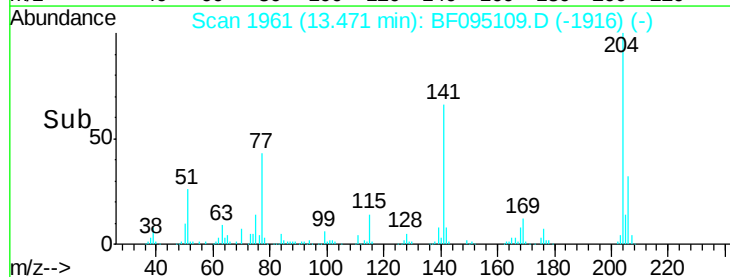
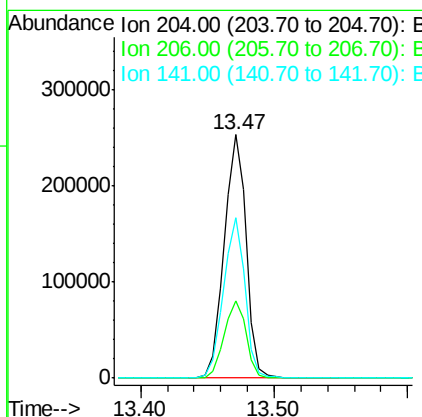
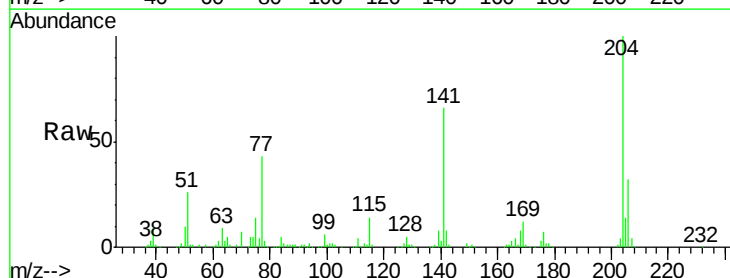
Instrument :
BNA_F
ClientSampleId :

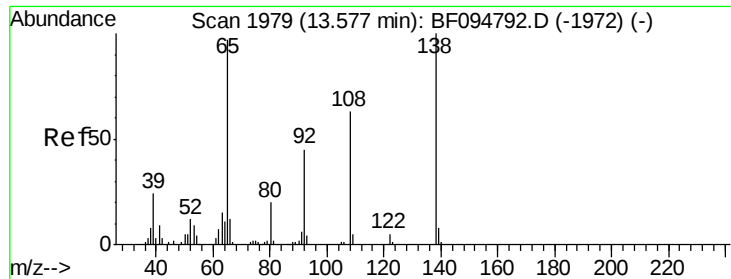
Tot Ion:149 Resp: 673243
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.36 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.04 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion:204 Resp: 295048
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 66.0 60.8 91.2

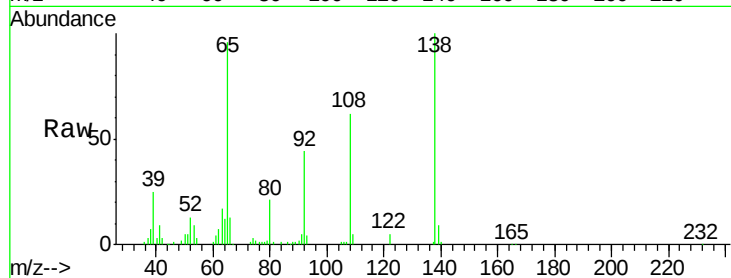




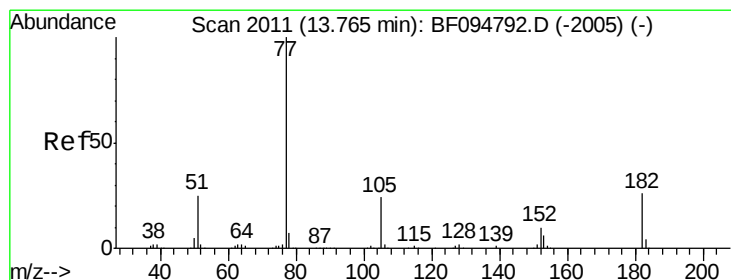
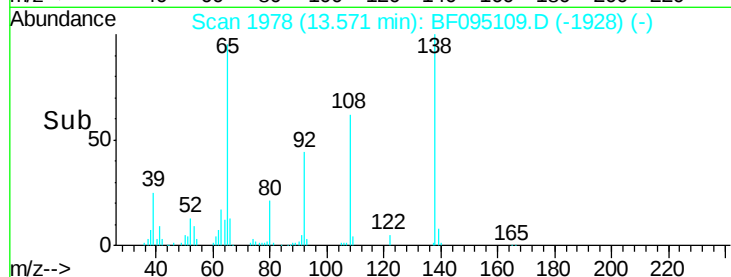
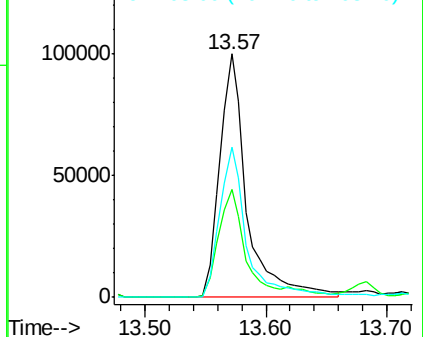
#61
4-Nitroaniline
Concen: 39.06 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 155493
Ion Ratio Lower Upper
138 100
92 44.3 21.8 61.8
108 61.6 42.3 82.3

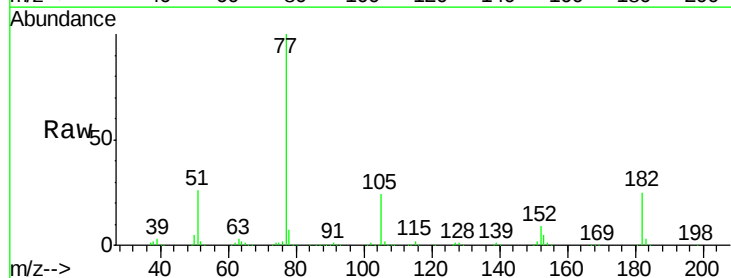


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

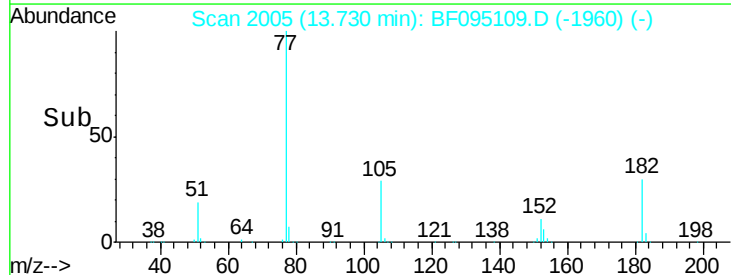
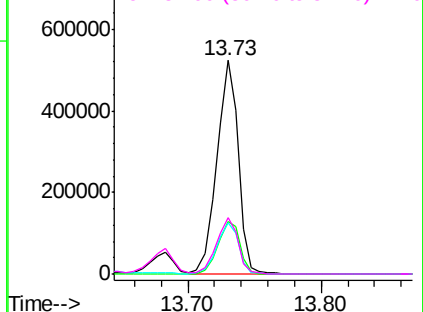


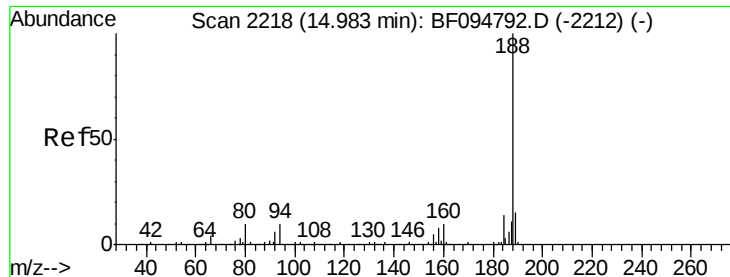
#62
Azobenzene
Concen: 38.73 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion: 77 Resp: 590825
Ion Ratio Lower Upper
77 100
182 24.8 0.1 40.1
105 23.9 3.6 43.6
51 26.3 9.4 49.4



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

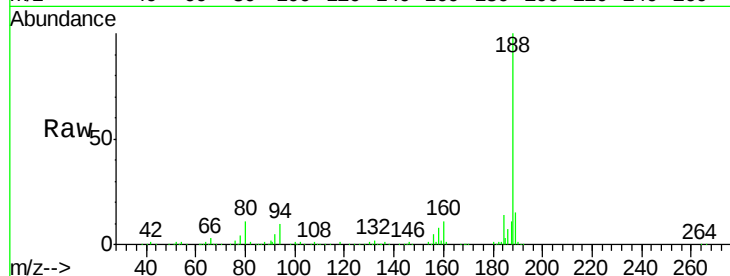




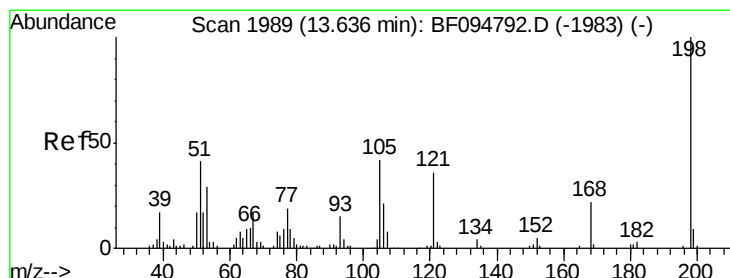
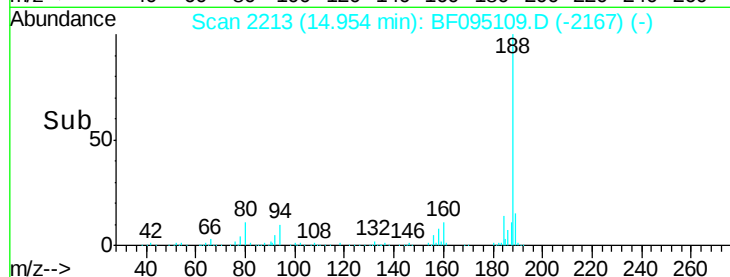
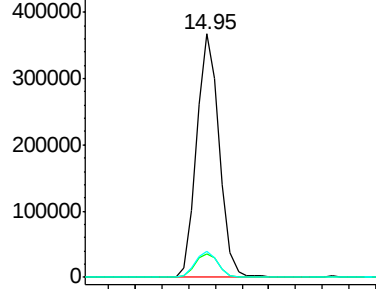
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 439625
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.8 10.2 15.2

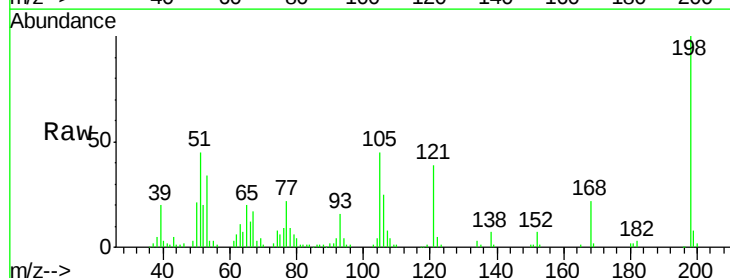


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

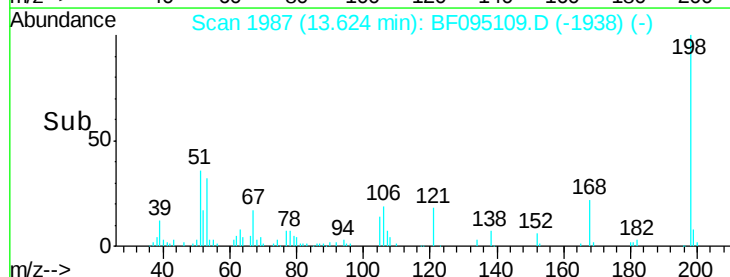
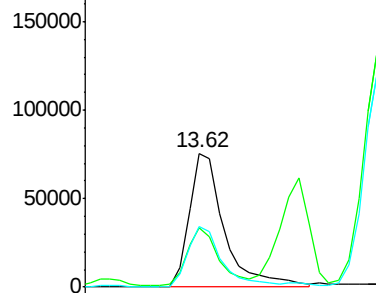


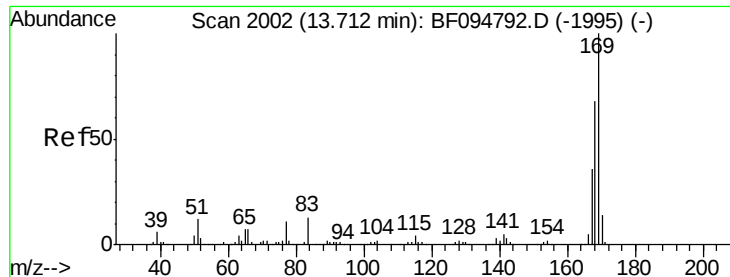
#64
4,6-Dinitro-2-methylphenol
Concen: 37.15 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion:198 Resp: 109490
Ion Ratio Lower Upper
198 100
51 44.6 53.2 93.2#
105 45.2 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

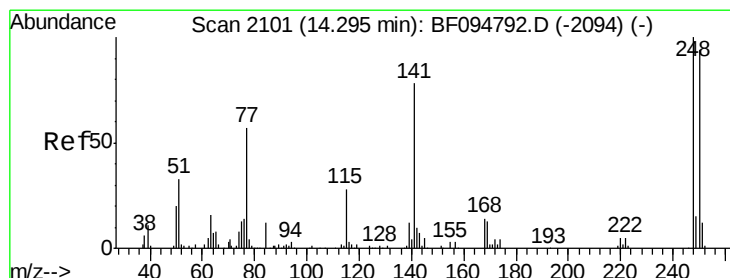
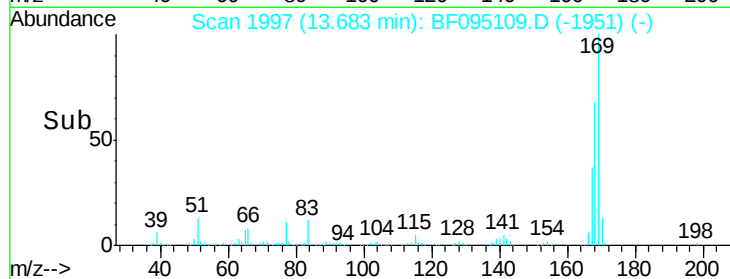
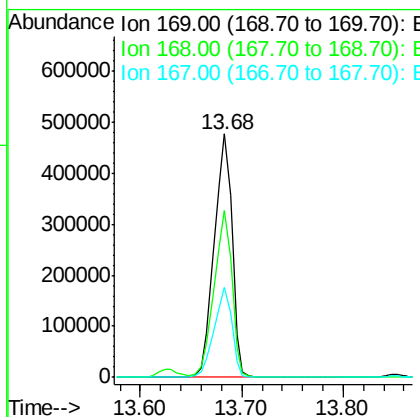
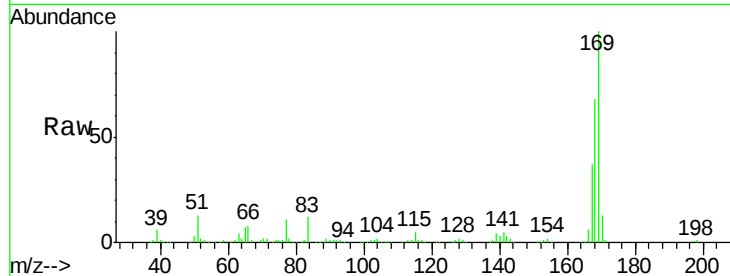




#65
 n-Nitrosodiphenylamine
 Concen: 36.81 ng
 RT: 13.68 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

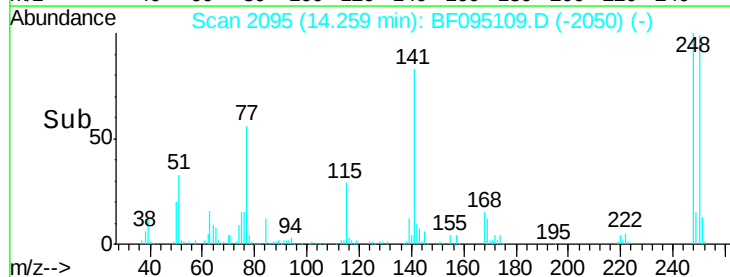
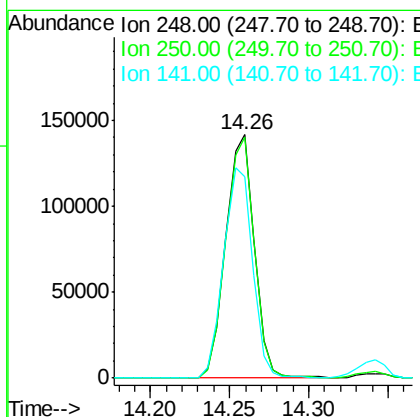
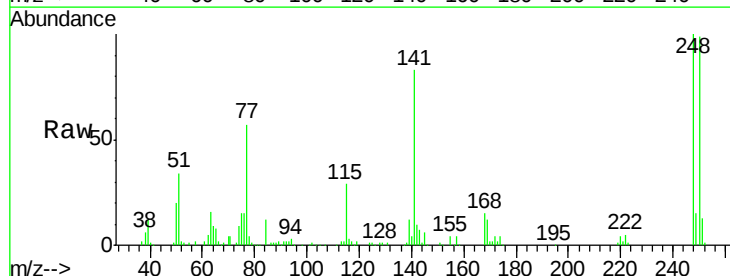
Instrument :
 BNA_F
 ClientSampleId :

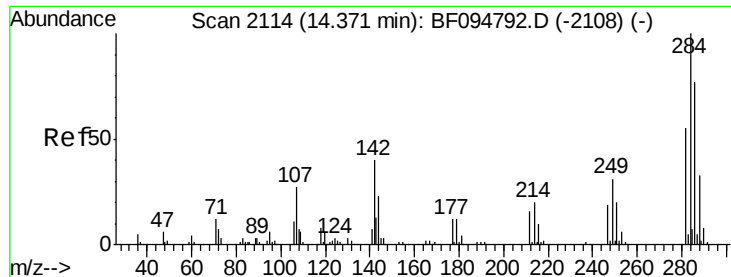
Tot Ion:169 Resp: 587351
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.2 79.8
 167 37.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.40 ng
 RT: 14.26 min Scan# 2095
 Delta R.T. -0.04 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Tgt Ion:248 Resp: 178368
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.8 115.2
 141 82.9 68.6 103.0





#67

Hexachlorobenzene

Concen: 39.14 ng

RT: 14.34 min Scan# 2109

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

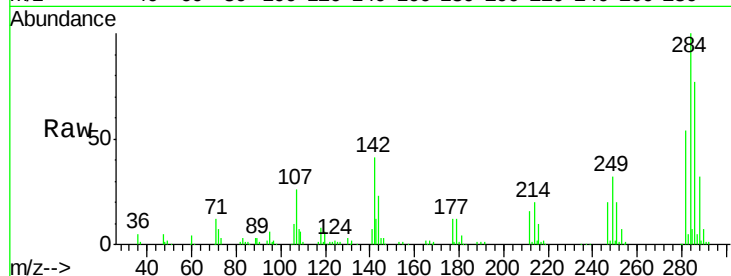
Tot Ion:284 Resp: 186298

Ion Ratio Lower Upper

284 100

142 41.4 22.8 34.2#

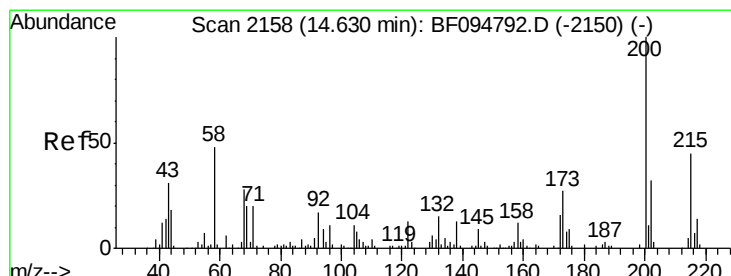
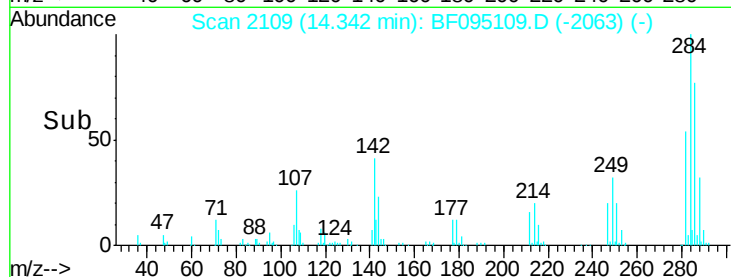
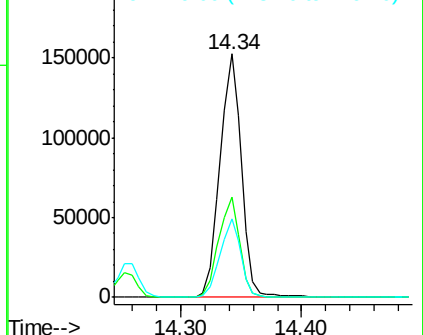
249 32.1 24.0 36.0



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: 38.06 ng

RT: 14.60 min Scan# 2153

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

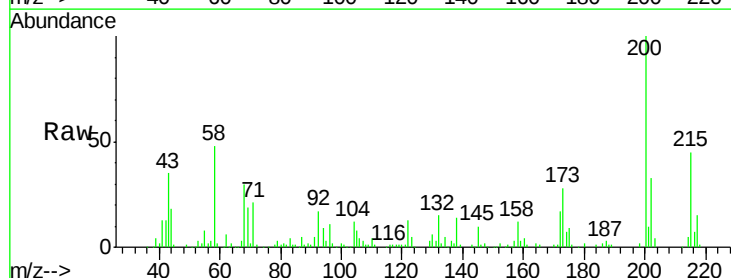
Tgt Ion:200 Resp: 171479

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

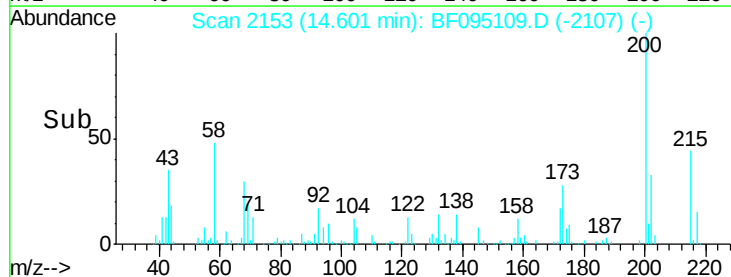
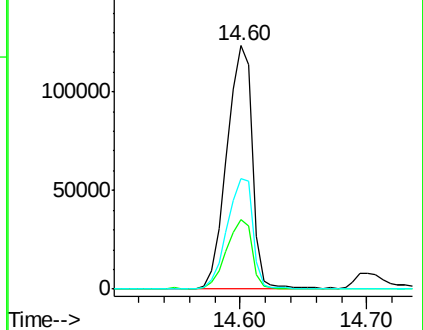
215 45.3 27.2 67.2

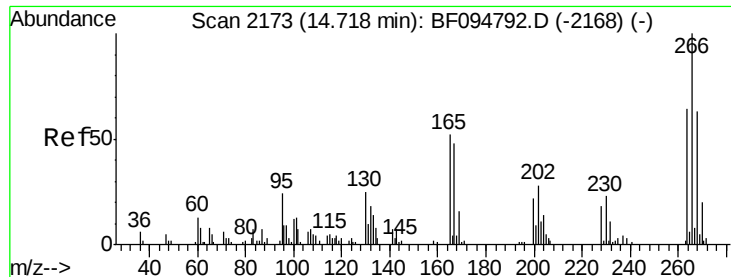


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

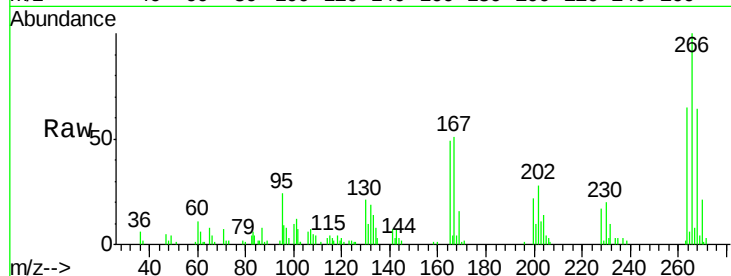




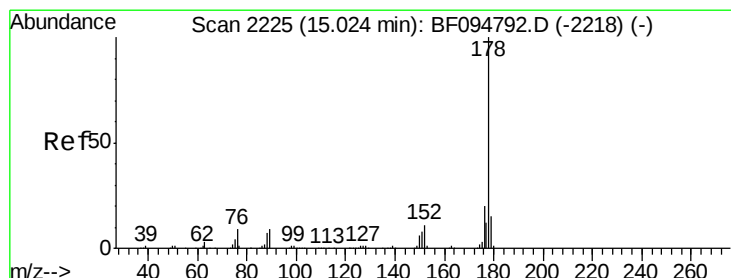
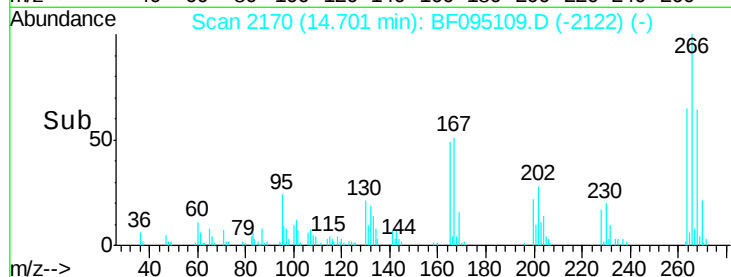
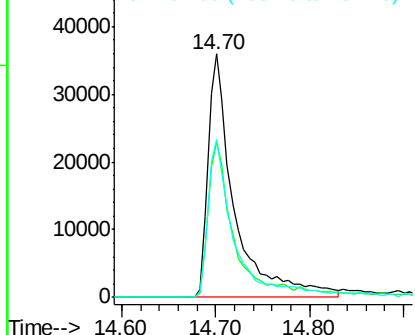
#69
 Pentachlorophenol
 Concen: 36.40 ng
 RT: 14.70 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 70913
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 64.7 51.7 77.5

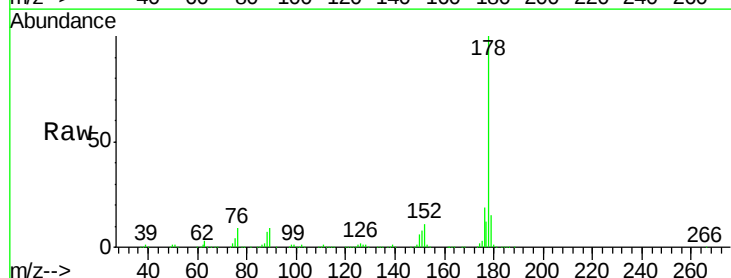


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

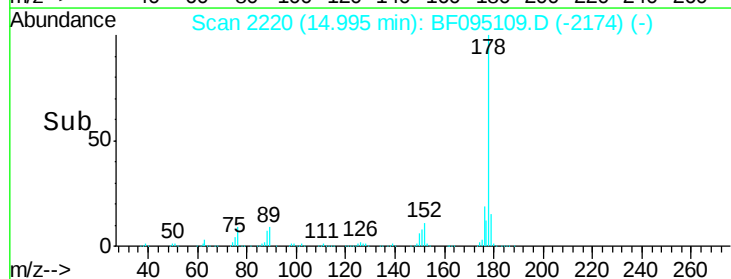
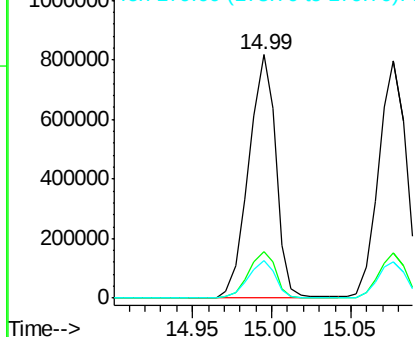


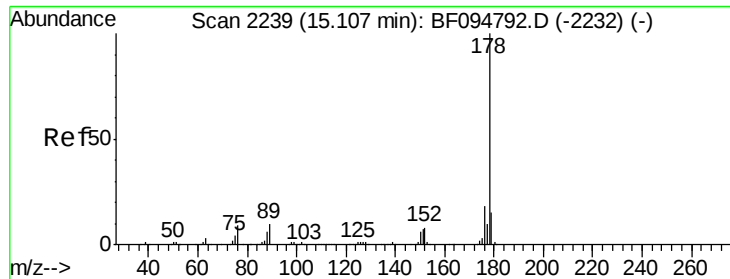
#70
 Phenanthrene
 Concen: 38.77 ng
 RT: 14.99 min Scan# 2220
 Delta R.T. -0.03 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Tgt Ion:178 Resp: 979281
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.4 12.6 19.0



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

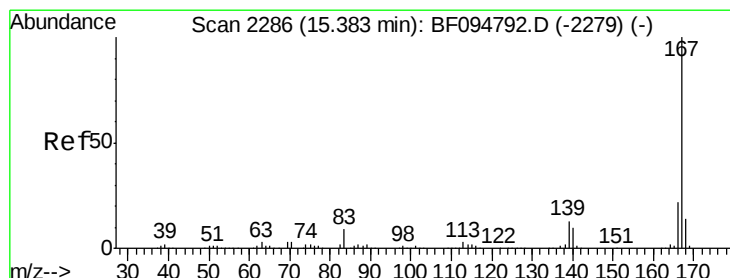
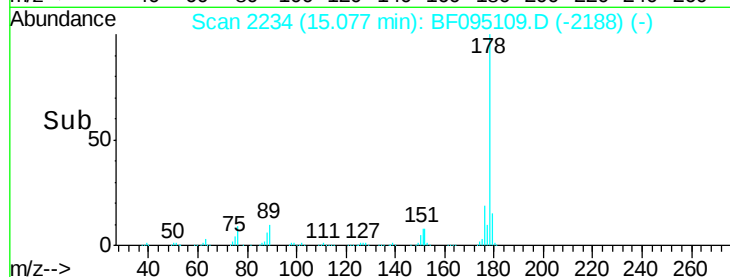
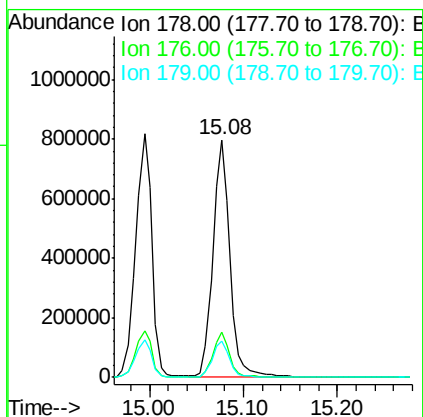
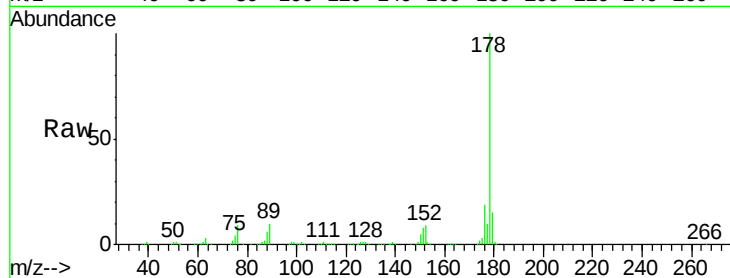




#71
 Anthracene
 Concen: 39.65 ng
 RT: 15.08 min Scan# 2234
 Delta R.T. -0.03 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

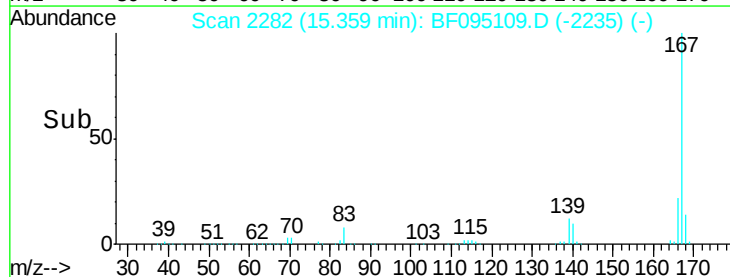
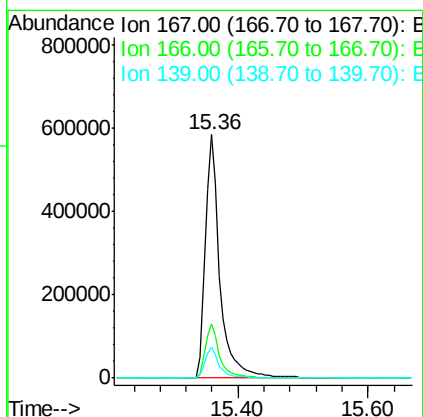
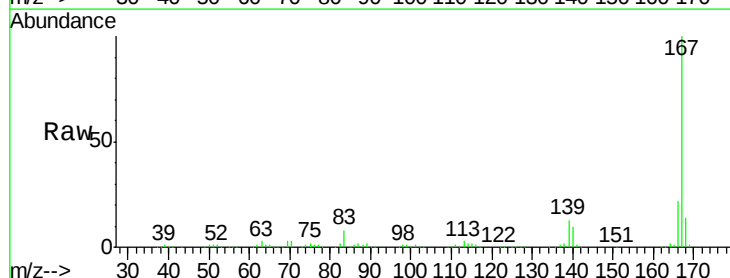
Instrument :
 BNA_F
 ClientSampleID :

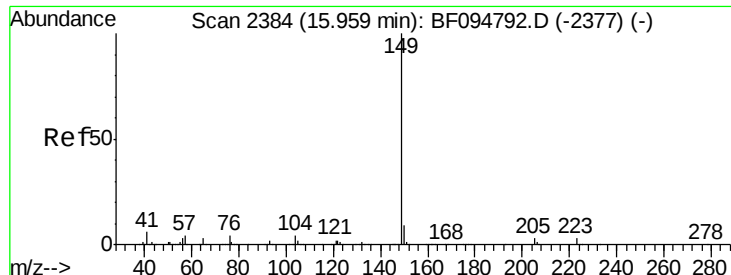
Tot Ion:178 Resp: 1023031
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 38.78 ng
 RT: 15.36 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Tgt Ion:167 Resp: 910474
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 12.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.77 ng

RT: 15.92 min Scan# 2378

Delta R.T. -0.04 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

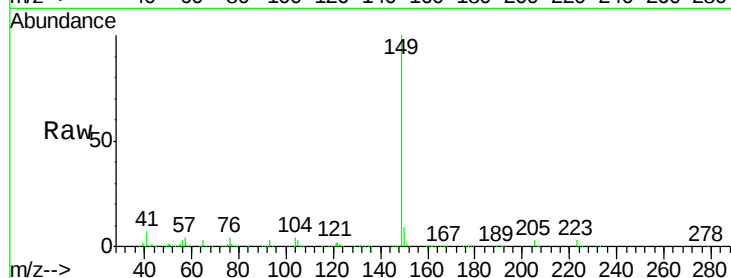
Tot Ion:149 Resp: 1164333

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

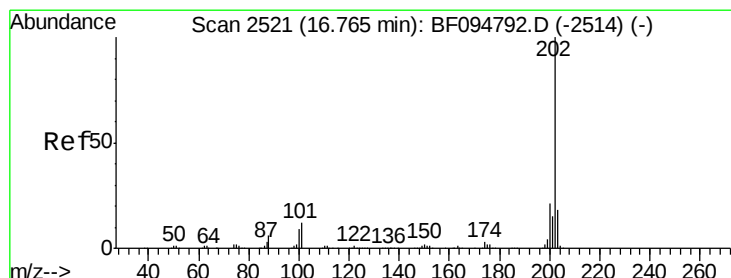
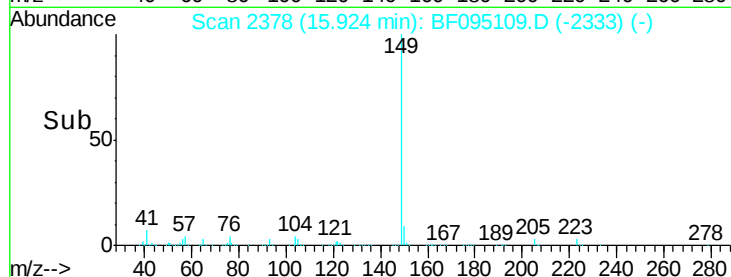
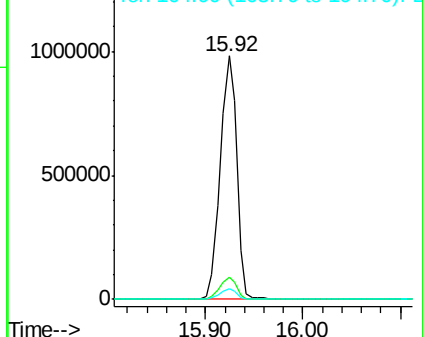
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.75 ng

RT: 16.74 min Scan# 2516

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

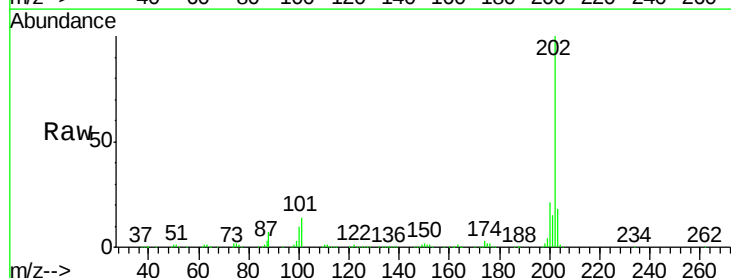
Tgt Ion:202 Resp: 1055922

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

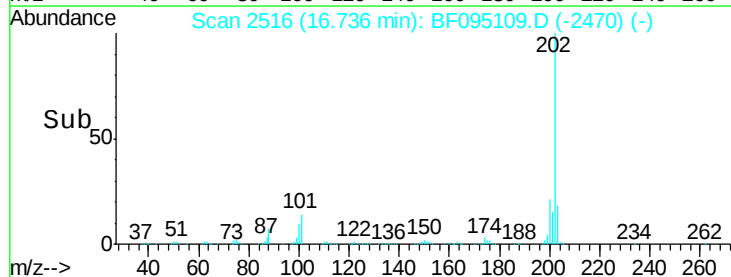
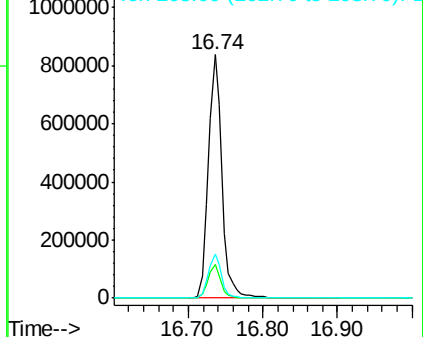
203 18.3 0.0 38.1

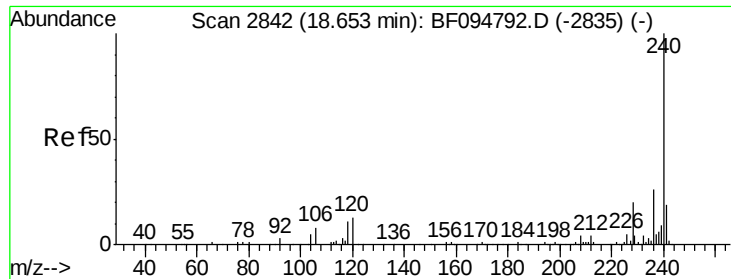


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

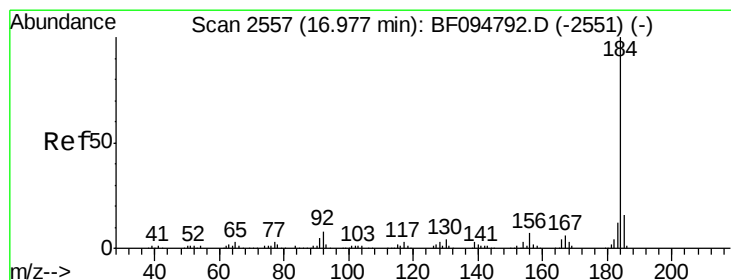
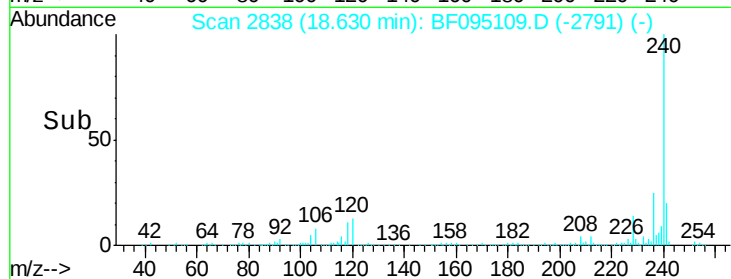
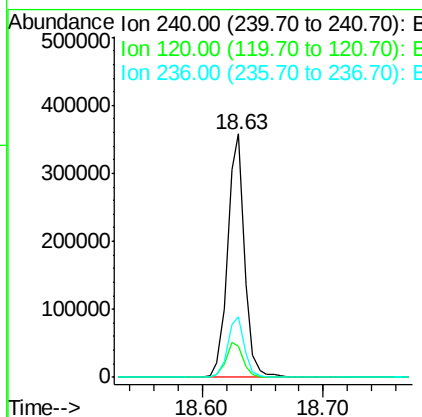
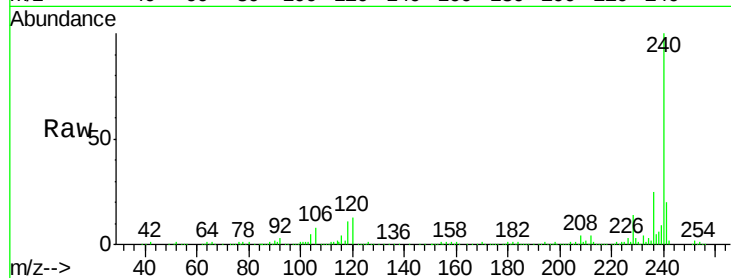




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

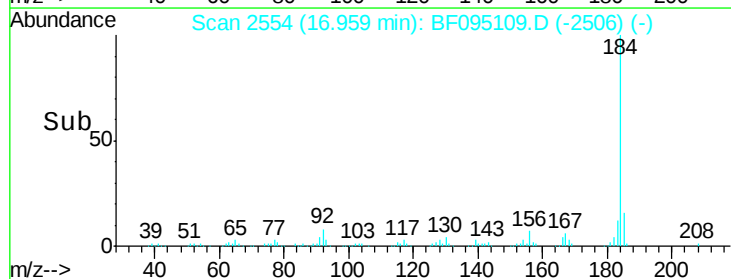
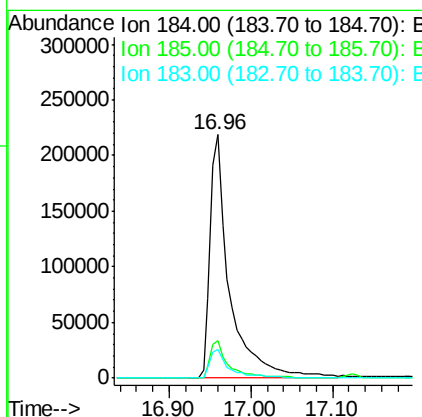
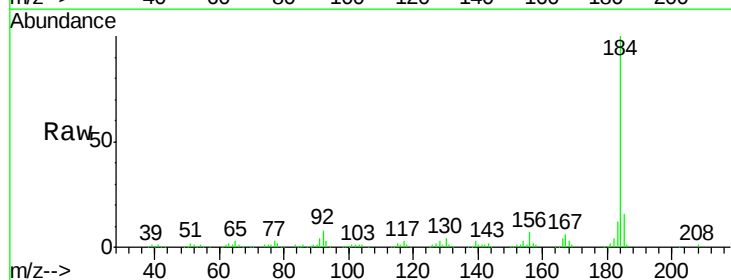
Instrument :
 BNA_F
 ClientSampleId :

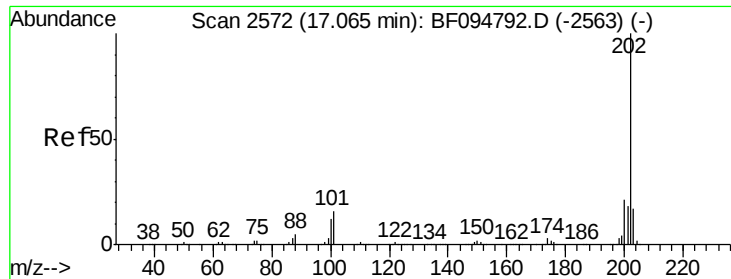
Tot Ion:240 Resp: 348267
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.8 8.8#
 236 25.1 20.5 30.7



#76
 Benzidine
 Concen: 39.85 ng
 RT: 16.96 min Scan# 2554
 Delta R.T. -0.02 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Tgt Ion:184 Resp: 363098
 Ion Ratio Lower Upper
 184 100
 185 15.6 15.5 23.3
 183 11.9 9.8 14.6

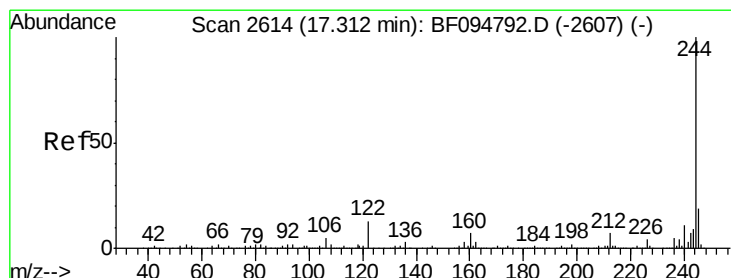
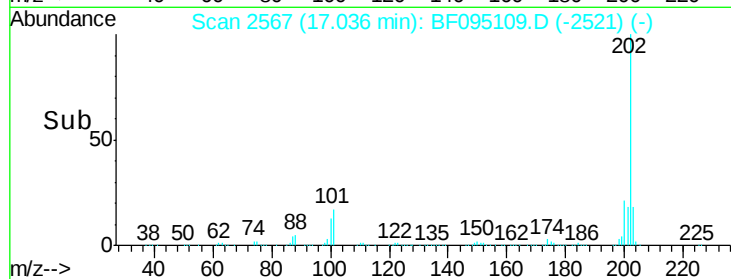
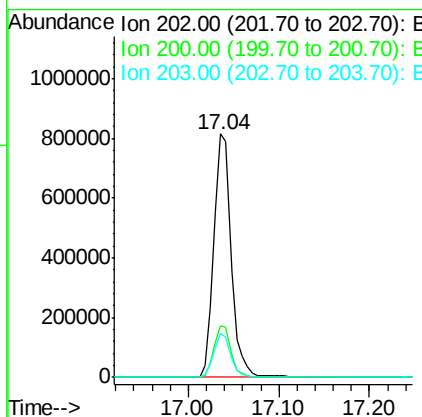
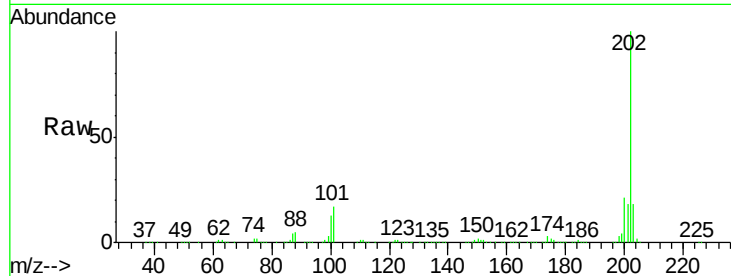




#77
Pvrene
Concen: 41.73 ng
RT: 17.04 min Scan# 2567
Delta R.T. -0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

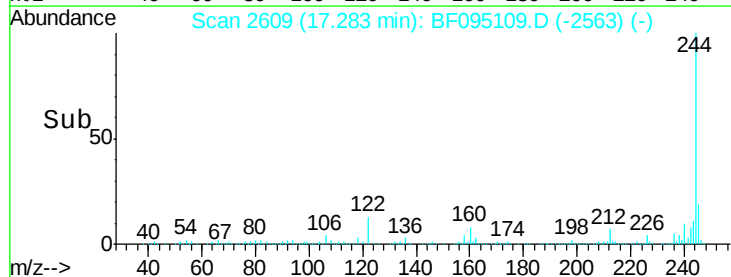
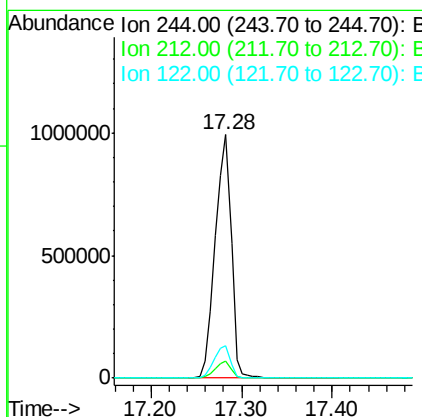
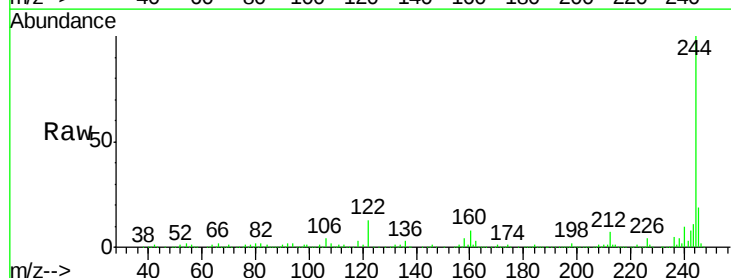
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1086889
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.0 14.4 21.6



#78
Terphenyl-d14
Concen: 76.77 ng
RT: 17.28 min Scan# 2609
Delta R.T. -0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion:244 Resp: 1213824
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 13.3 10.3 15.5

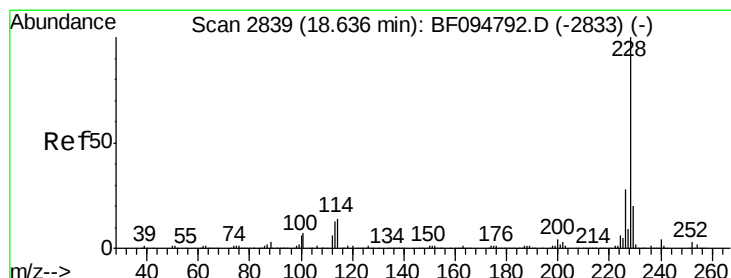
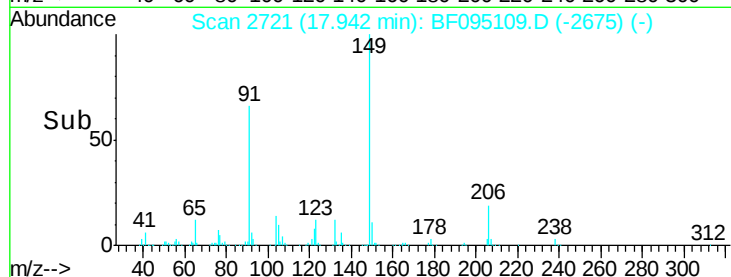
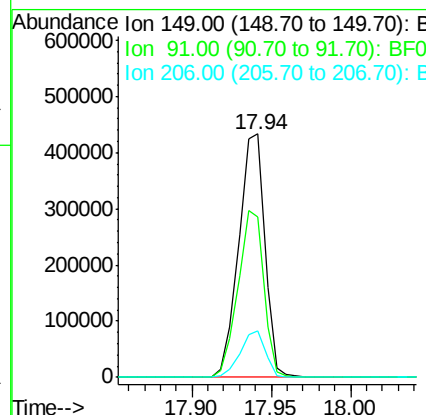
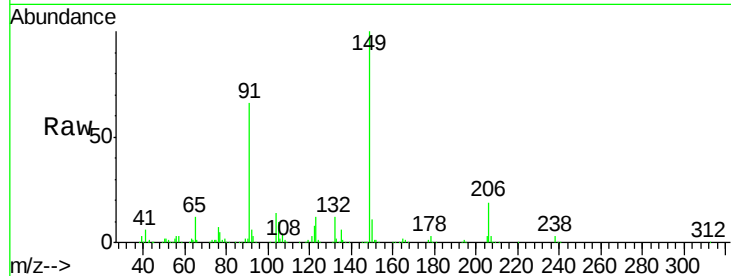




#79
Butylbenzylphthalate
Concen: 41.01 ng
RT: 17.94 min Scan# 2721
Delta R.T. -0.03 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

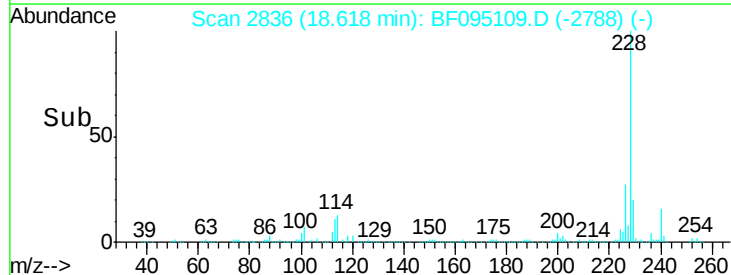
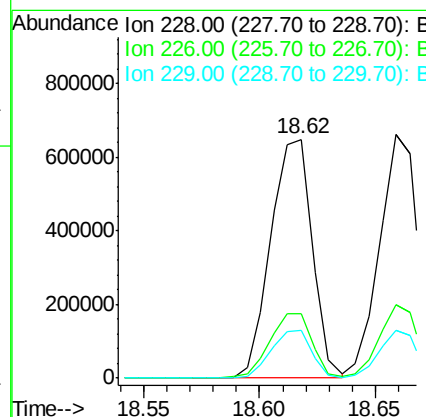
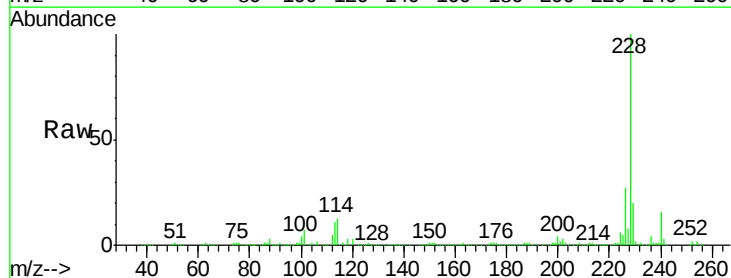
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.7	45.0	67.4
206	19.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.95 ng
RT: 18.62 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.0	16.3	24.5

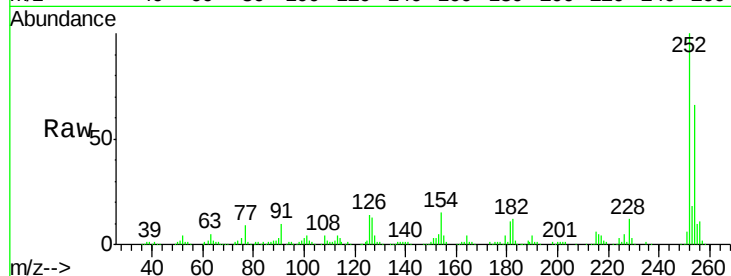




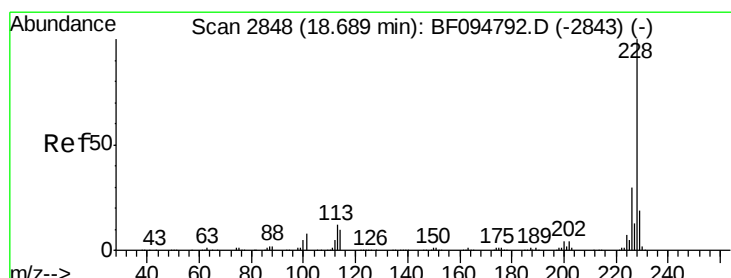
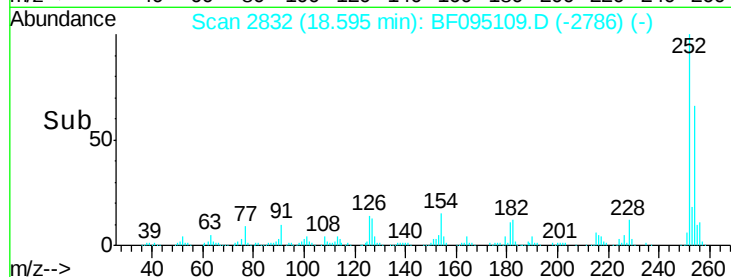
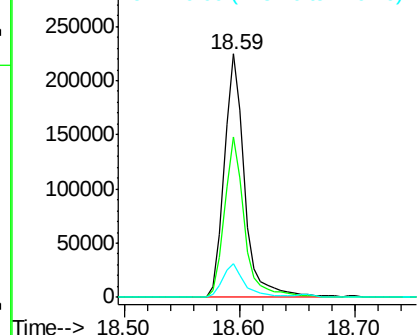
#81
 3,3'-Dichlorobenzidine
 Concen: 39.22 ng
 RT: 18.59 min Scan# 2832
 Delta R.T. -0.03 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.5	77.3
126	14.1	15.8	23.8

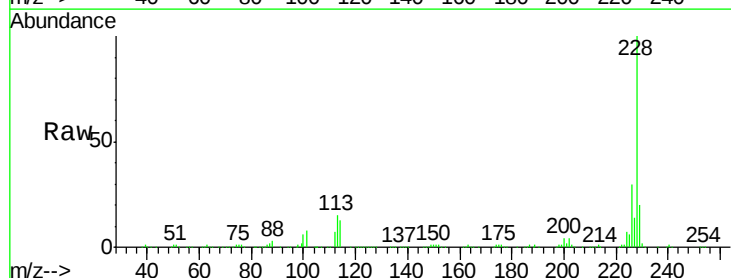


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

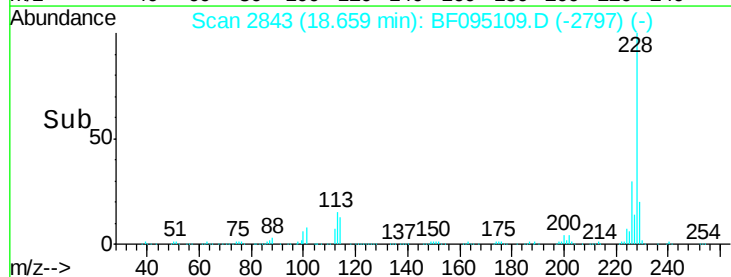
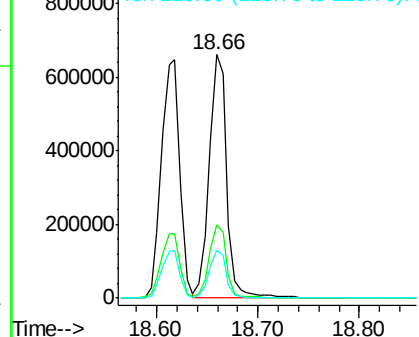


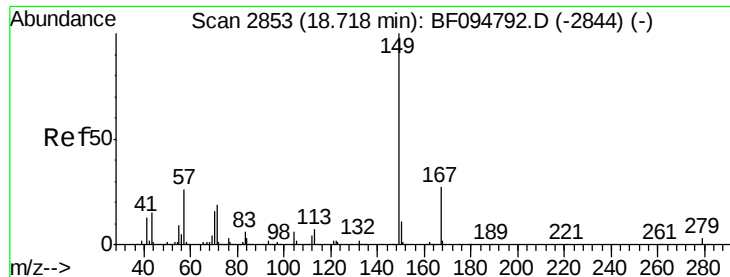
#82
 Chrysene
 Concen: 40.19 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.03 min
 Lab File: BF095109.D
 Acq: 12 May 2017 13:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.6	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: 38.59 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.04 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

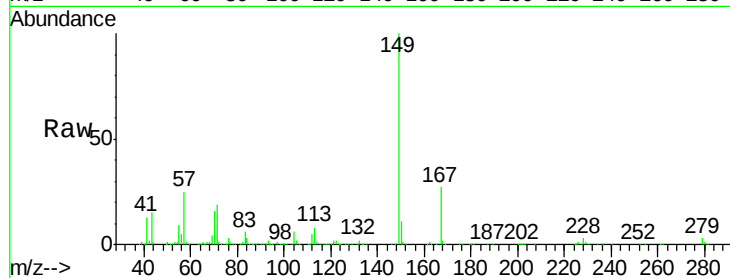
Tot Ion:149 Resp: 666205

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

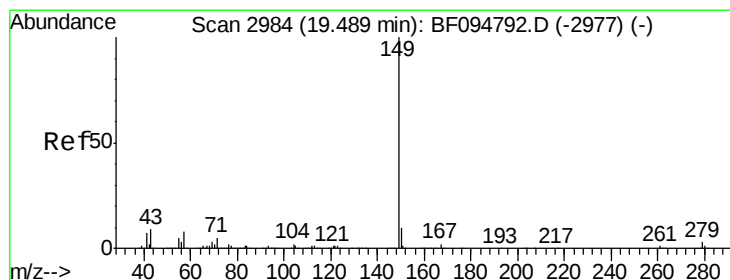
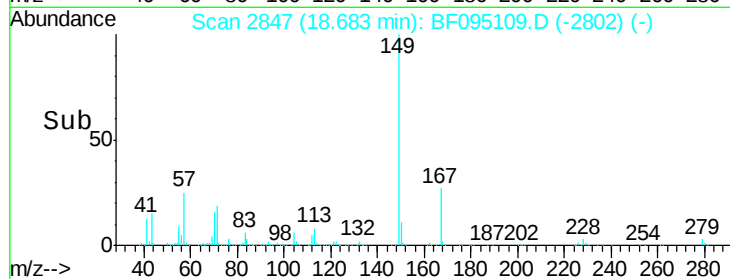
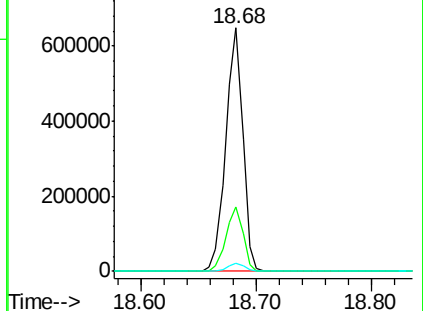
279 3.2 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.85 ng

RT: 19.45 min Scan# 2977

Delta R.T. -0.04 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

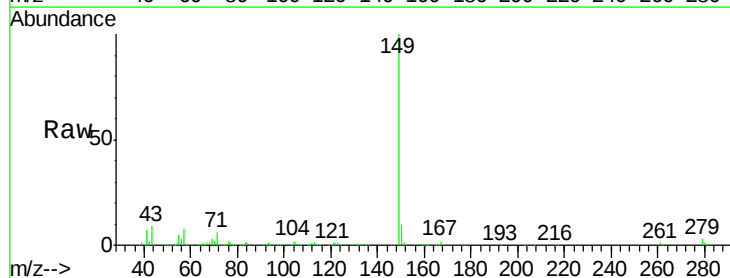
Tgt Ion:149 Resp: 986361

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

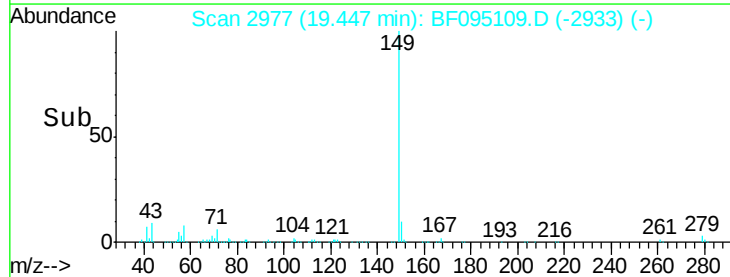
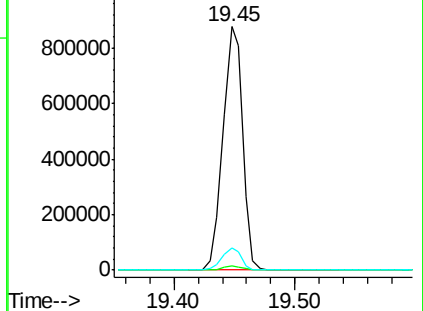
43 8.8 8.5 12.7

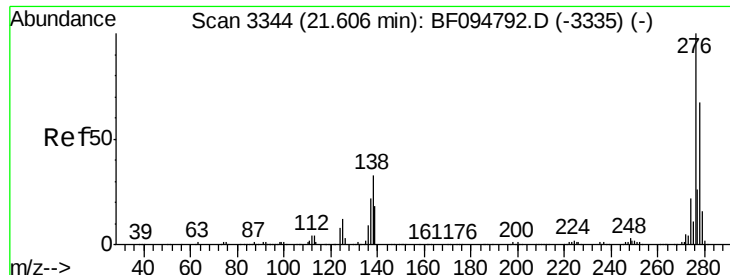


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

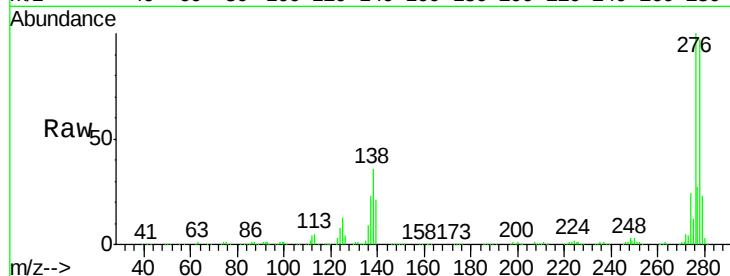




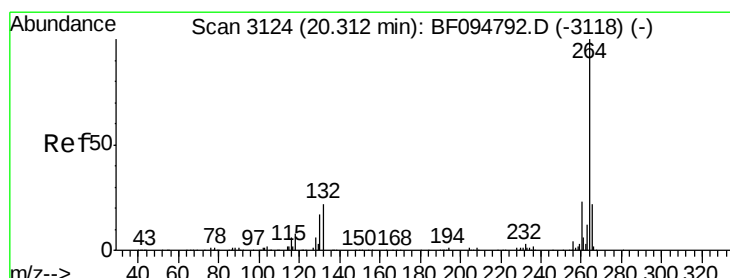
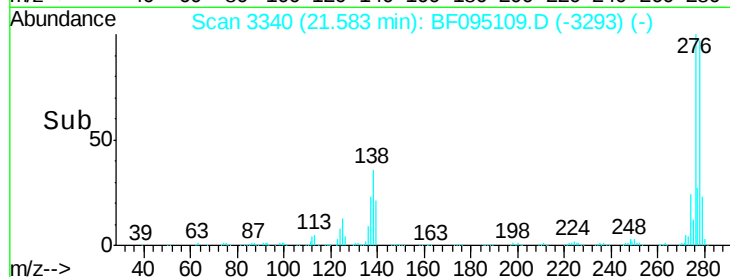
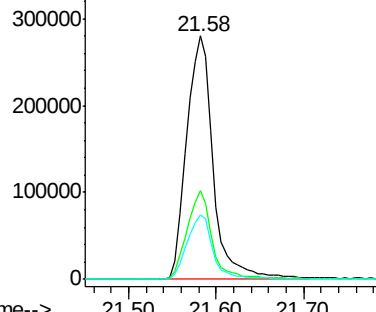
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.17 ng
RT: 21.58 min Scan# 3340
Delta R.T. -0.02 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 591641
Ion Ratio Lower Upper
276 100
138 34.5 27.8 41.6
277 25.7 20.2 30.4

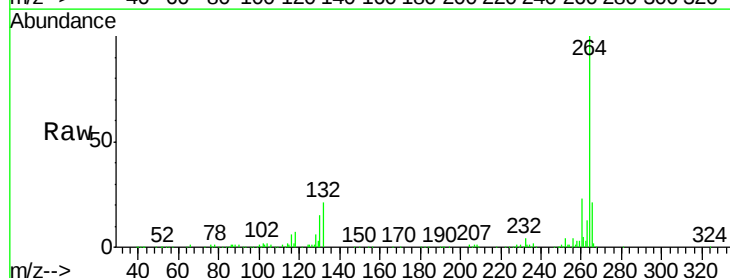


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

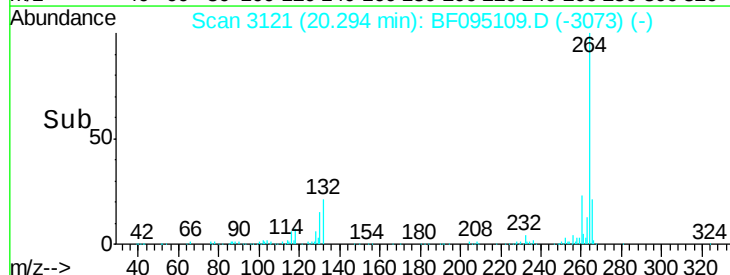
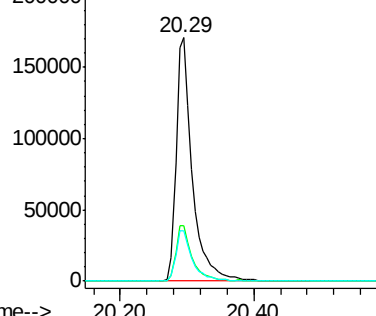


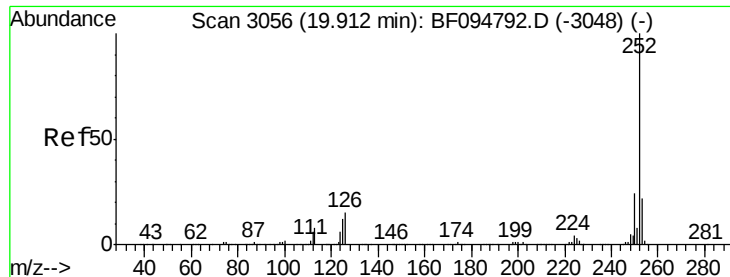
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095109.D
Acq: 12 May 2017 13:36

Tgt Ion:264 Resp: 284622
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 20.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.60 ng

RT: 19.89 min Scan# 3052

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

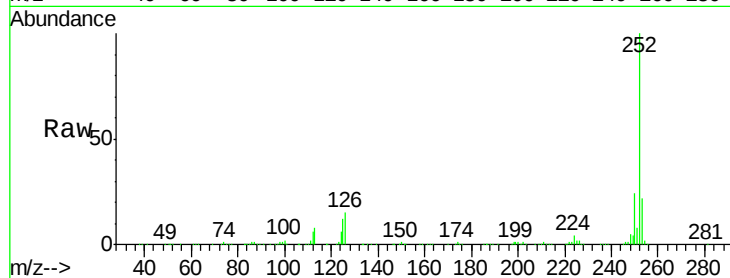
Tot Ion:252 Resp: 643648

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

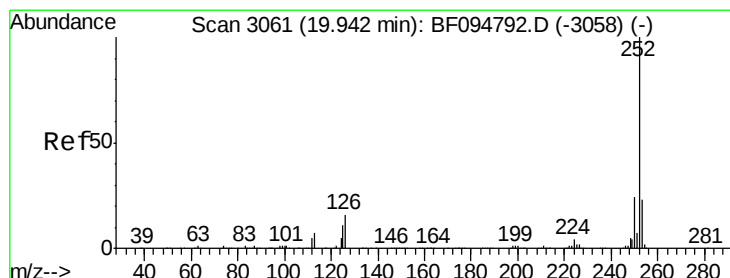
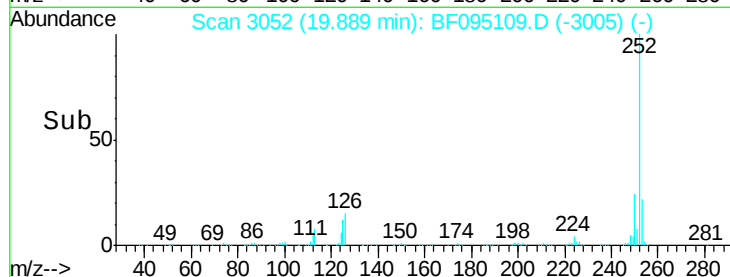
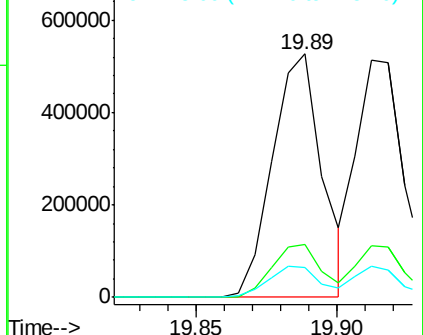
125 12.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.69 ng

RT: 19.91 min Scan# 3056

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

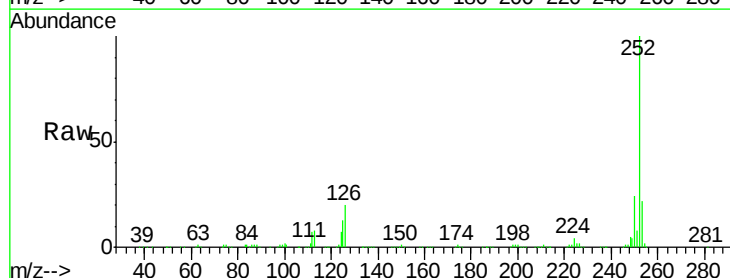
Tgt Ion:252 Resp: 656313

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

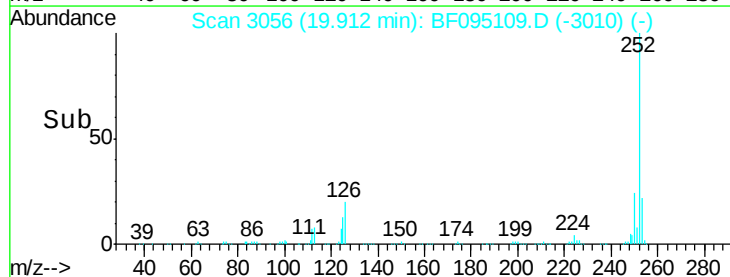
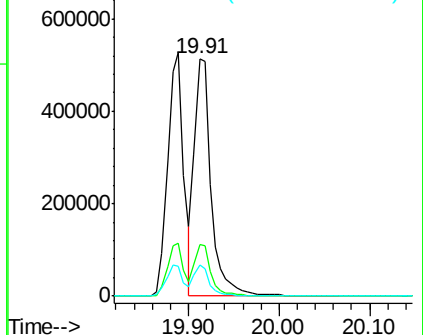
125 13.0 13.1 19.7#

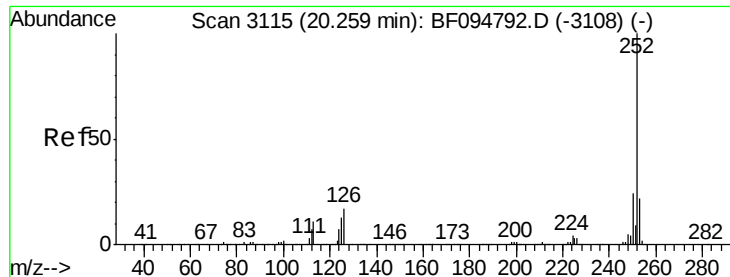


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.02 ng

RT: 20.24 min Scan# 3111

Delta R.T. -0.02 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

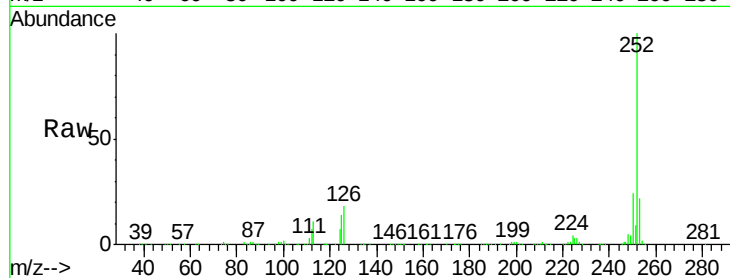
Tot Ion:252 Resp: 633189

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

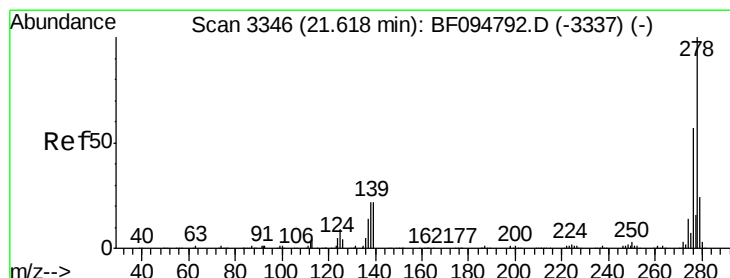
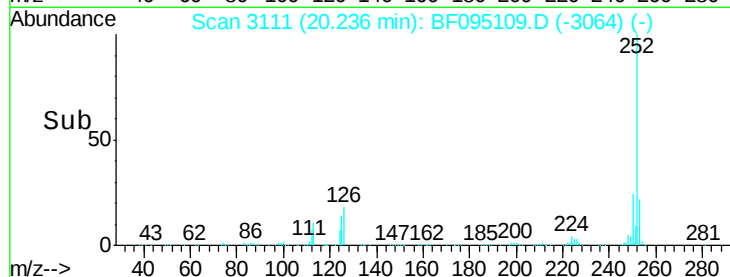
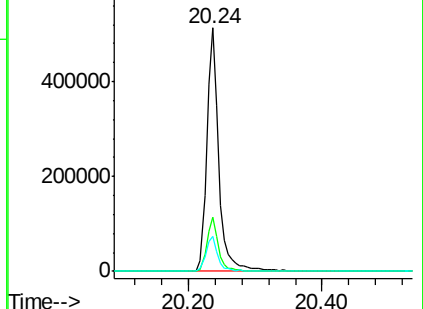
125 14.4 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.72 ng

RT: 21.59 min Scan# 3341

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

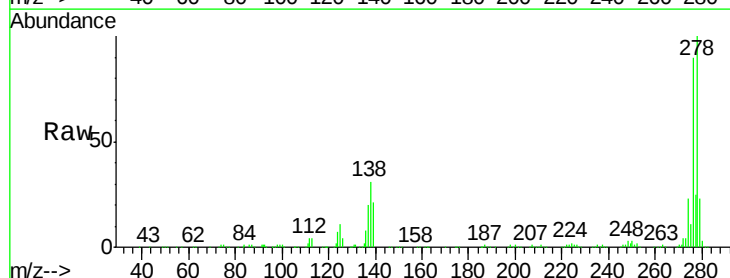
Tgt Ion:278 Resp: 518996

Ion Ratio Lower Upper

278 100

139 21.3 16.6 24.8

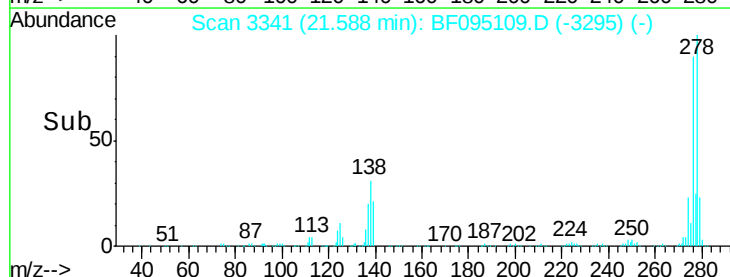
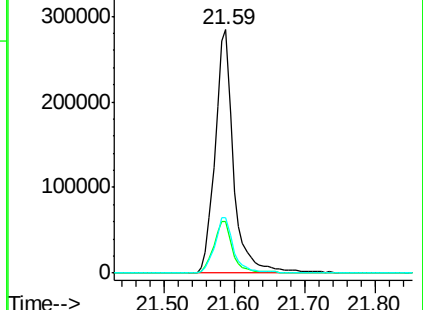
279 22.9 19.3 28.9

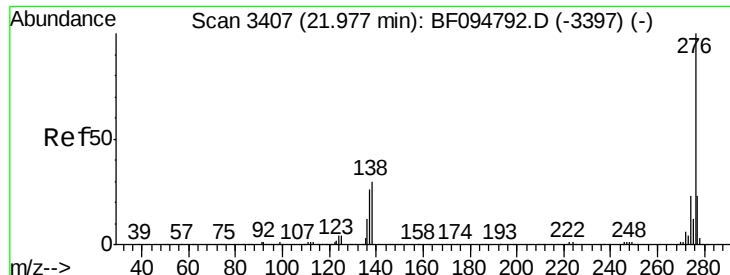


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.06 ng

RT: 21.95 min Scan# 3402

Delta R.T. -0.03 min

Lab File: BF095109.D

Acq: 12 May 2017 13:36

Instrument :

BNA_F

ClientSampleId :

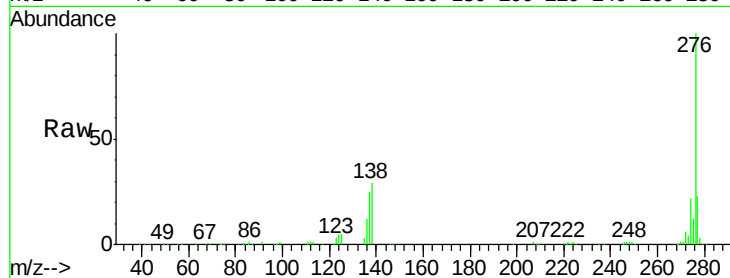
Tot Ion:276 Resp: 526910

Ion Ratio Lower Upper

276 100

277 23.3 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

