

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095025.D
 Acq On : 9 May 2017 16:39
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:13:22 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	7.71	152	144375	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	543523	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	256260	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	428629	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	340631	20.00	ng	-0.02
86) Perylene-d12	20.29	264	269008	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	712751	82.31	ng	-0.03
7) Phenol-d6	7.26	99	872269	83.95	ng	-0.02
23) Nitrobenzene-d5	8.62	82	749426	86.95	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	154739	73.73	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1394986	78.35	ng	-0.02
78) Terphenyl-d14	17.29	244	1069314	69.14	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	208789	49.16	ng	95
3) Pyridine	2.74	79	393174	39.94	ng	97
4) n-Nitrosodimethylamine	2.68	42	161925	39.47	ng	91
6) Aniline	7.22	93	577183	44.00	ng	96
8) 2-Chlorophenol	7.40	128	409485	41.54	ng	97
9) Benzaldehyde	7.02	77	244814	38.59	ng	95
10) Phenol	7.28	94	465004	42.47	ng	88
11) bis(2-Chloroethyl)ether	7.35	93	359154	39.73	ng	95
12) 1,3-Dichlorobenzene	7.62	146	464234	41.52	ng	98
13) 1,4-Dichlorobenzene	7.74	146	445868	39.32	ng	98
14) 1,2-Dichlorobenzene	7.98	146	431792	40.80	ng	94
15) Benzyl Alcohol	8.00	79	325168	48.66	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	504273	39.42	ng	61
17) 2-Methylphenol	8.21	107	336122	41.67	ng	96
18) Hexachloroethane	8.50	117	160591	41.81	ng	89
19) n-Nitroso-di-n-propylamine	8.43	70	296448	42.19	ng	94
20) 3+4-Methylphenols	8.47	107	457019	41.70	ng	# 61
22) Acetophenone	8.39	105	603421	46.27	ng	# 85
24) Nitrobenzene	8.65	77	396457	43.88	ng	94
25) Isophorone	9.05	82	645655	41.95	ng	97
26) 2-Nitrophenol	9.15	139	208720	42.81	ng	97
27) 2,4-Dimethylphenol	9.29	122	318144	40.36	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	421976	39.63	ng	99
29) 2,4-Dichlorophenol	9.57	162	307653	41.34	ng	99
30) 1,2,4-Trichlorobenzene	9.66	180	317788	39.86	ng	98
31) Naphthalene	9.77	128	1058512	38.75	ng	100
32) Benzoic acid	9.63	122	198576	39.39	ng	95
33) 4-Chloroaniline	9.90	127	422518	41.50	ng	# 92
34) Hexachlorobutadiene	9.99	225	162060	38.52	ng	99
35) Caprolactam	10.54	113	73776	33.01	ng	90
36) 4-Chloro-3-methylphenol	10.76	107	345962	43.48	ng	89
37) 2-Methylnaphthalene	10.90	142	782636	43.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	311550	39.53	ng	99
40) Hexachlorocyclopentadiene	11.15	237	121513	39.96	ng	99

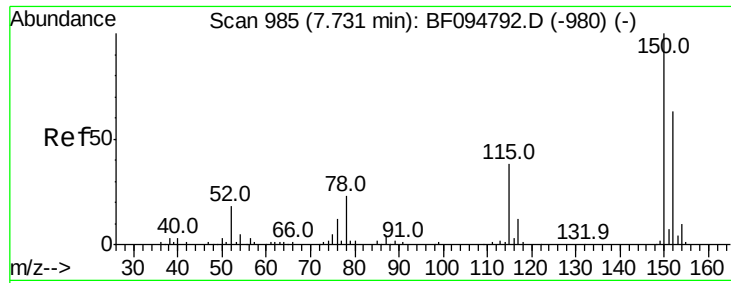
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095025.D
 Acq On : 9 May 2017 16:39
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:13:22 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	11.39	196	217767	41.39	nq	96
43) 2,4,5-Trichlorophenol	11.47	196	217565	38.47	nq	93
45) 1,1'-Biphenyl	11.66	154	828379	38.39	nq	98
46) 2-Chloronaphthalene	11.68	162	661363	37.96	nq	95
47) 2-Nitroaniline	11.89	65	192596	40.39	nq	# 82
48) Acenaphthylene	12.34	152	1021763	37.44	nq	99
49) Dimethylphthalate	12.21	163	799776	38.02	nq	99
50) 2,6-Dinitrotoluene	12.30	165	164230	38.27	nq	93
51) Acenaphthene	12.62	154	633357	38.86	nq	99
52) 3-Nitroaniline	12.57	138	183108	39.75	nq	90
53) 2,4-Dinitrophenol	12.77	184	83070	38.64	nq	# 66
54) Dibenzofuran	12.91	168	953817	42.29	nq	97
55) 4-Nitrophenol	12.95	139	99156	35.84	nq	# 68
56) 2,4-Dinitrotoluene	12.97	165	233761	42.39	nq	# 89
57) Fluorene	13.46	166	778077	39.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	168776	47.42	nq	93
59) Diethylphthalate	13.36	149	769790	38.18	nq	99
60) 4-Chlorophenyl-phenylether	13.48	204	345036	40.03	nq	91
61) 4-Nitroaniline	13.57	138	177910	42.07	nq	97
62) Azobenzene	13.74	77	740043	45.67	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	128138	44.59	nq	# 71
65) n-Nitrosodiphenylamine	13.69	169	661573	42.53	nq	99
66) 4-Bromophenyl-phenylether	14.27	248	170392	37.63	nq	98
67) Hexachlorobenzene	14.35	284	170002	36.63	nq	# 85
68) Atrazine	14.61	200	169699	38.64	nq	97
69) Pentachlorophenol	14.71	266	72671	37.96	nq	97
70) Phenanthrene	15.01	178	978700	39.74	nq	99
71) Anthracene	15.09	178	1026063	40.79	nq	98
72) Carbazole	15.37	167	967431	42.27	nq	98
73) Di-n-butylphthalate	15.94	149	1181254	41.38	nq	98
74) Fluoranthene	16.74	202	1047005	41.44	nq	98
76) Benzidine	16.96	184	366320	40.89	nq	# 93
77) Pyrene	17.05	202	1044508	41.00	nq	100
79) Butylbenzylphthalate	17.95	149	482219	40.70	nq	# 86
80) Benzo(a)anthracene	18.62	228	795628	40.13	nq	98
81) 3,3'-Dichlorobenzidine	18.60	252	272815	39.84	nq	# 97
82) Chrysene	18.67	228	750163	39.13	nq	98
83) Bis(2-ethylhexyl)phthalate	18.69	149	669225	39.64	nq	# 99
84) Di-n-octyl phthalate	19.46	149	1017116	36.75	nq	97
85) Indeno(1,2,3-cd)pyrene	21.59	276	561652	36.08	nq	99
87) Benzo(b)fluoranthene	19.89	252	700471	42.14	nq	99
88) Benzo(k)fluoranthene	19.92	252	616362	38.44	nq	97
89) Benzo(a)pyrene	20.24	252	613735	40.01	nq	99
90) Dibenzo(a,h)anthracene	21.59	278	469196	37.04	nq	99
91) Benzo(g,h,i)perylene	21.96	276	505474	40.66	nq	96

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

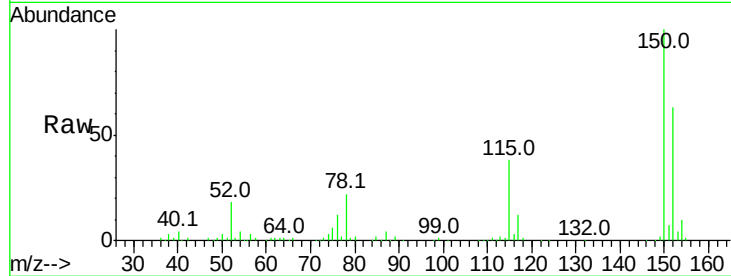


#1

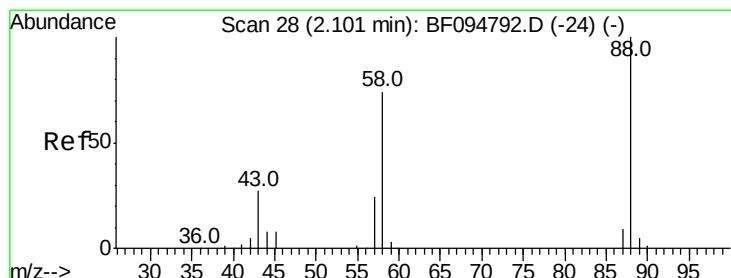
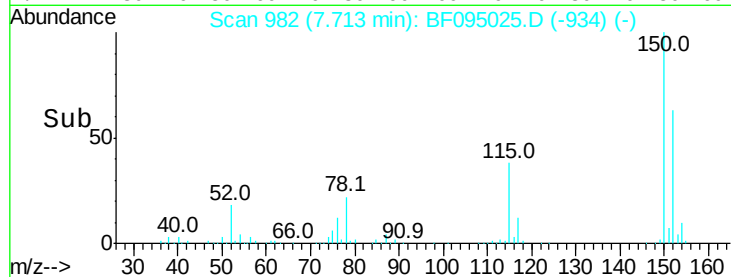
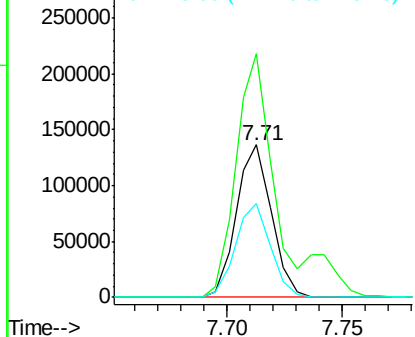
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 144375
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 61.2 52.2 78.2



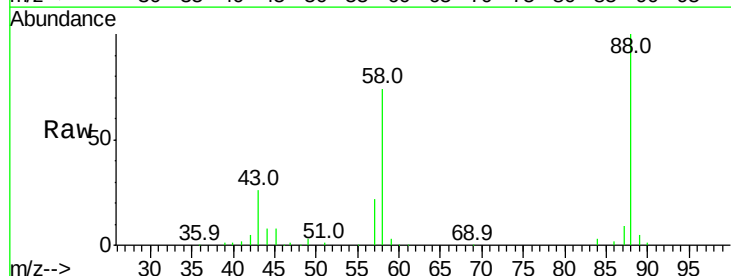
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



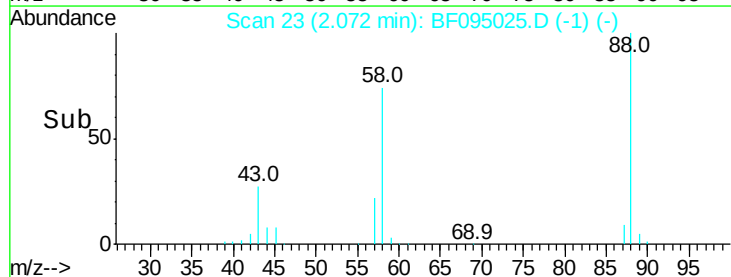
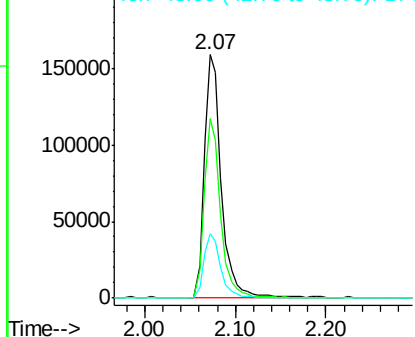
#2

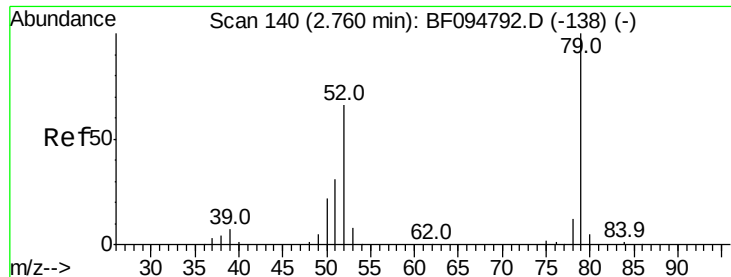
1,4-Dioxane
Concen: 49.16 ng
RT: 2.07 min Scan# 23
Delta R.T. -0.03 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion: 88 Resp: 208789
Ion Ratio Lower Upper
88 100
58 72.2 61.4 92.0
43 26.6 23.4 35.0



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





#3

Pvridine

Concen: 39.94 ng

RT: 2.74 min Scan# 136

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

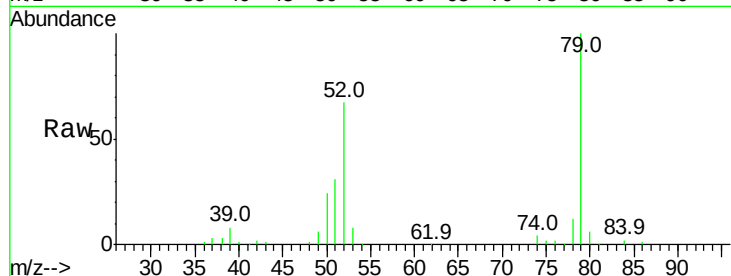
Tot Ion: 79 Resp: 393174

Ion Ratio Lower Upper

79 100

52 67.2 54.8 82.2

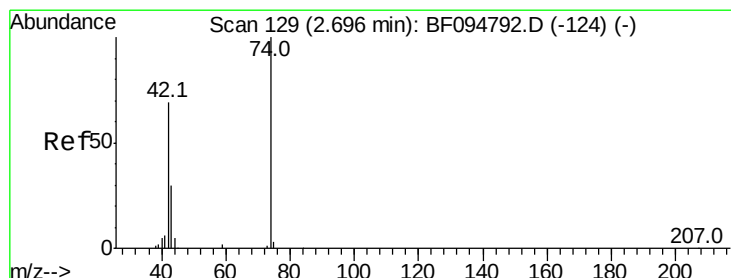
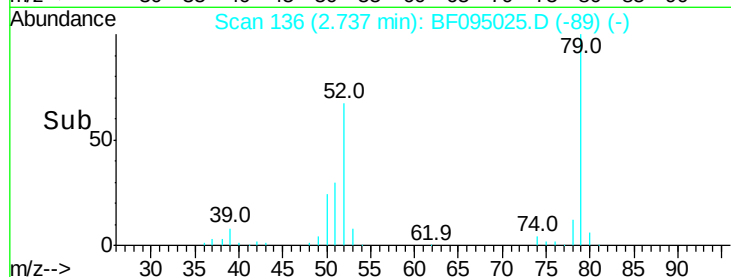
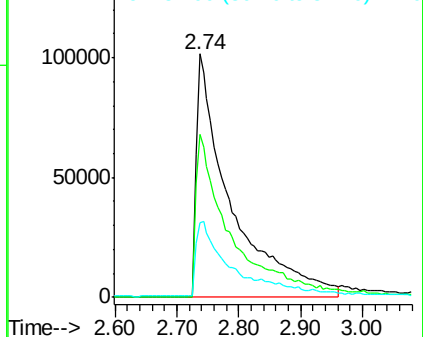
51 30.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.47 ng

RT: 2.68 min Scan# 126

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

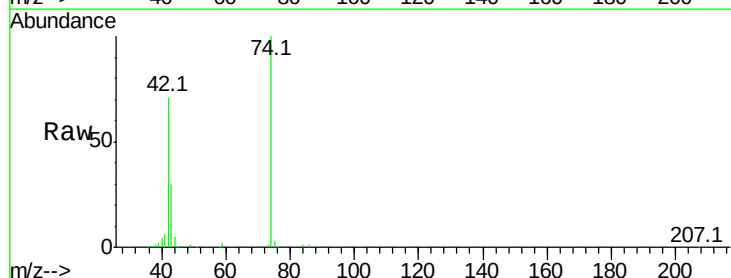
Tgt Ion: 42 Resp: 161925

Ion Ratio Lower Upper

42 100

74 141.2 103.9 155.9

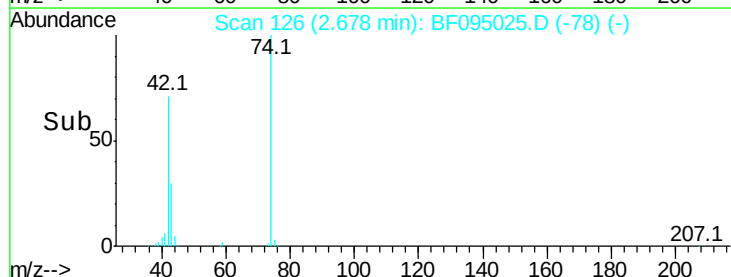
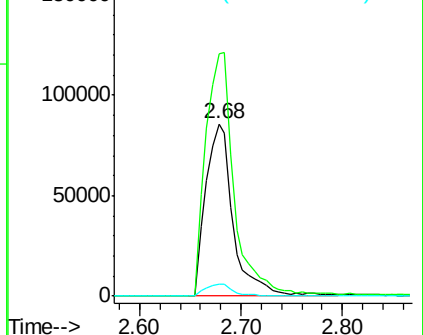
44 6.6 5.7 8.5

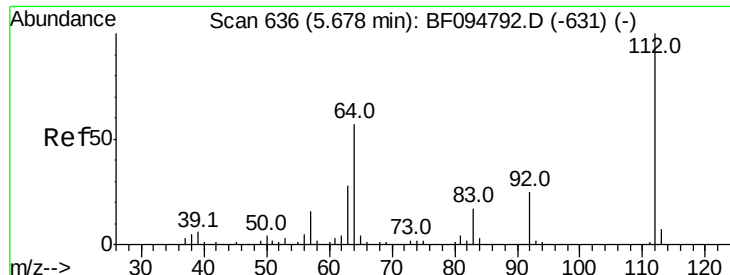


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.31 ng

RT: 5.65 min Scan# 631

Delta R.T. -0.03 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

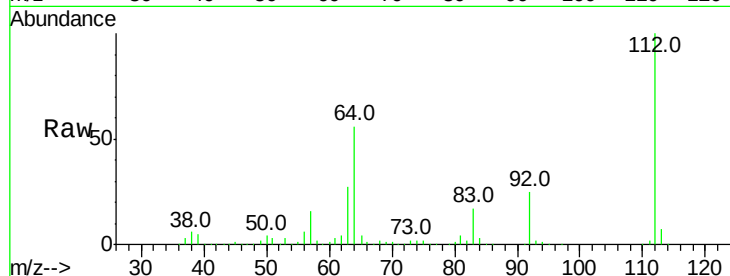
Tot Ion: 112 Resp: 712751

Ion Ratio Lower Upper

112 100

64 56.4 46.0 69.0

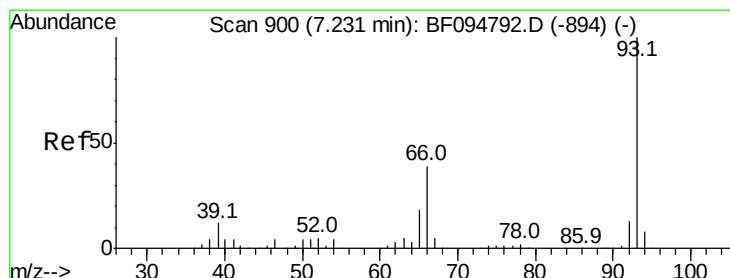
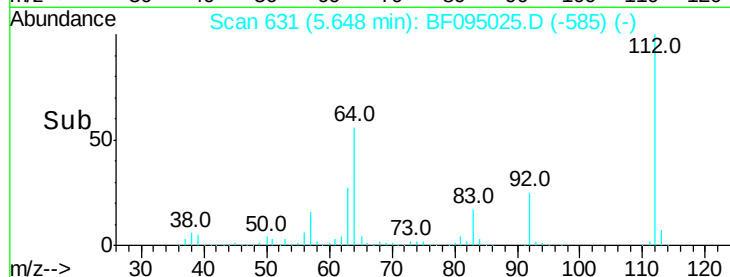
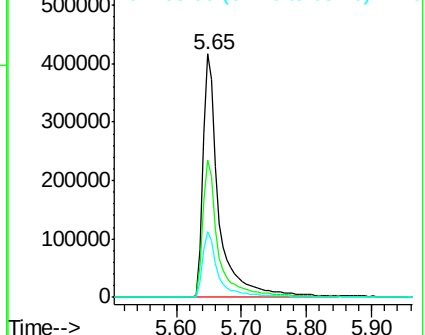
63 27.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.00 ng

RT: 7.22 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

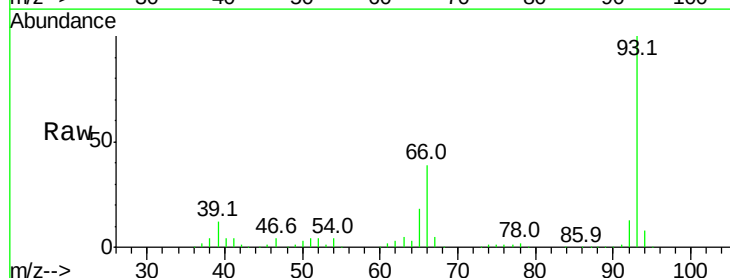
Tgt Ion: 93 Resp: 577183

Ion Ratio Lower Upper

93 100

66 38.9 32.9 49.3

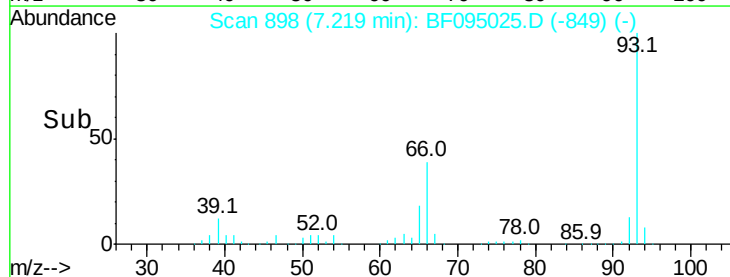
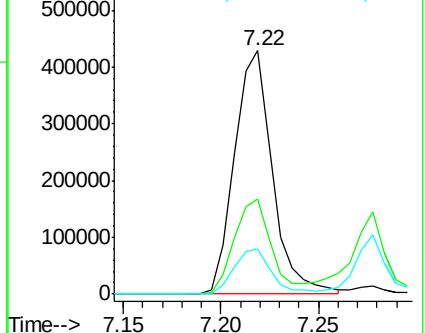
65 18.4 16.0 24.0

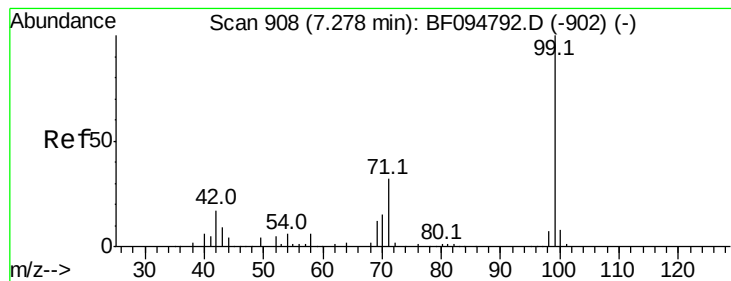


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.95 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampled :

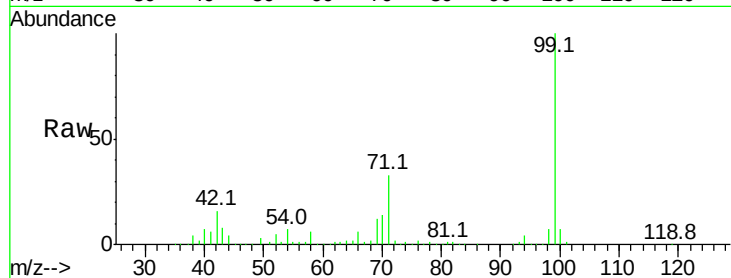
Tot Ion: 99 Resp: 872269

Ion Ratio Lower Upper

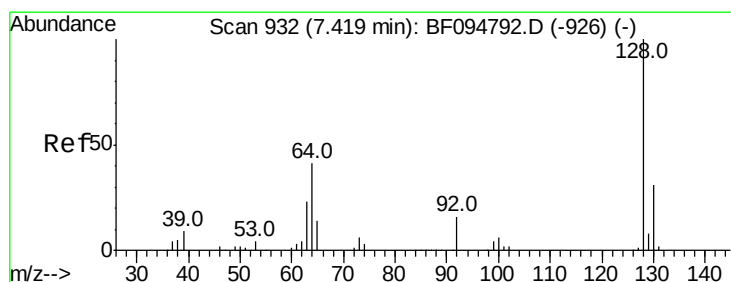
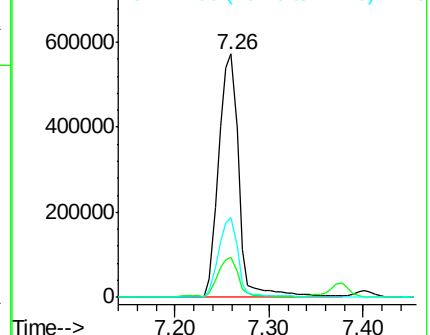
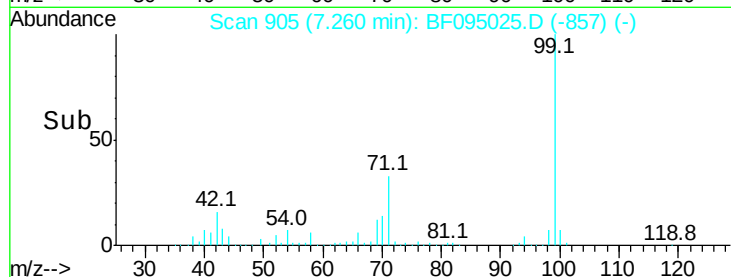
99 100

42 16.4 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: 41.54 ng

RT: 7.40 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

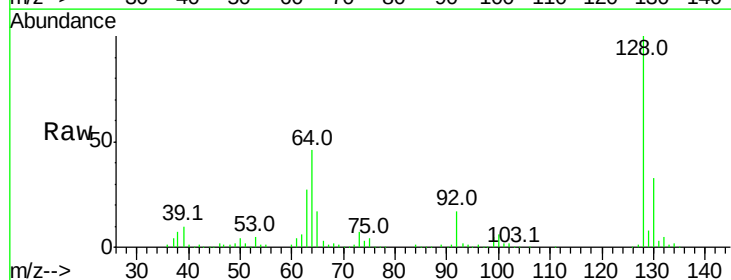
Tgt Ion: 128 Resp: 409485

Ion Ratio Lower Upper

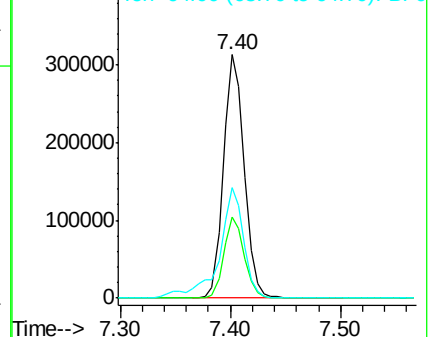
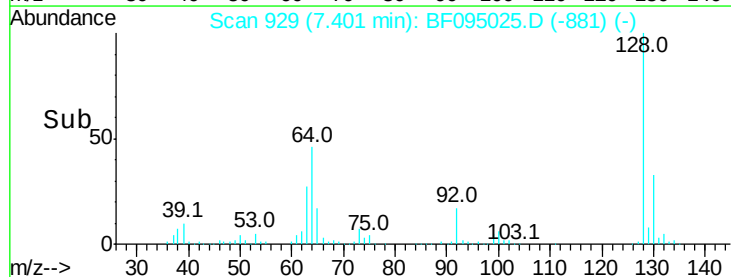
128 100

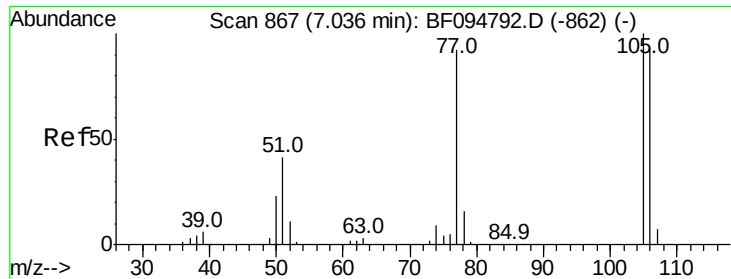
130 33.1 12.9 52.9

64 45.6 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: 38.59 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampled :

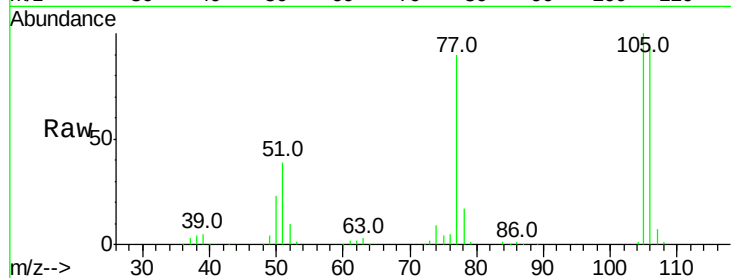
Tot Ion: 77 Resp: 244814

Ion Ratio Lower Upper

77 100

105 110.6 83.8 123.8

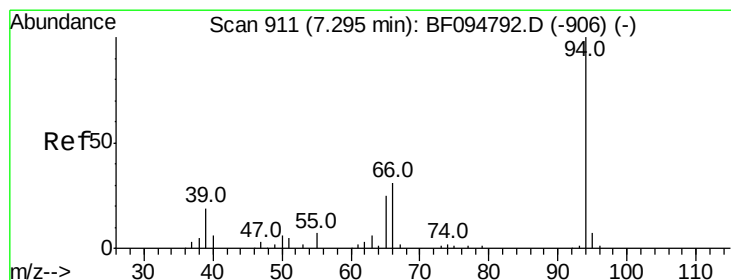
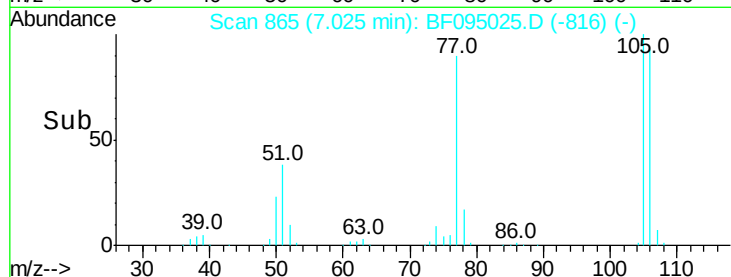
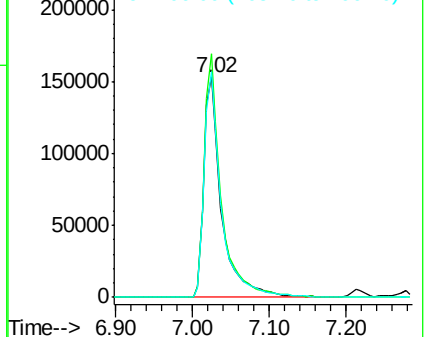
106 102.5 79.1 119.1



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: 42.47 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

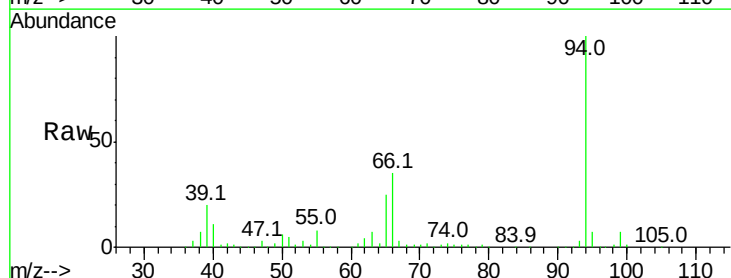
Tgt Ion: 94 Resp: 465004

Ion Ratio Lower Upper

94 100

65 24.7 9.9 49.9

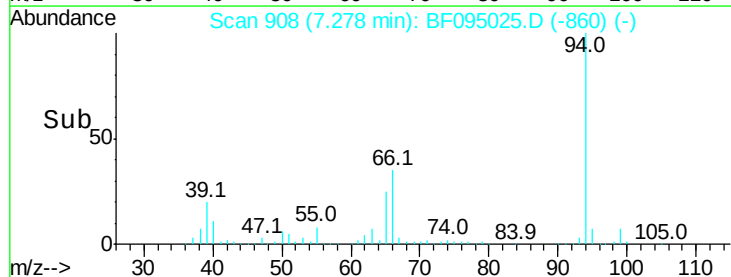
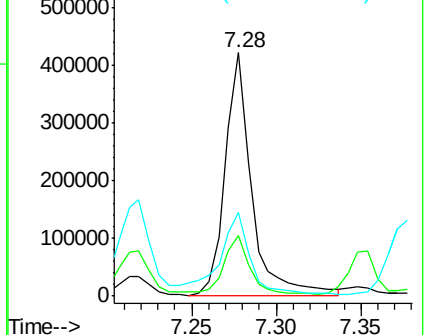
66 34.6 23.1 63.1

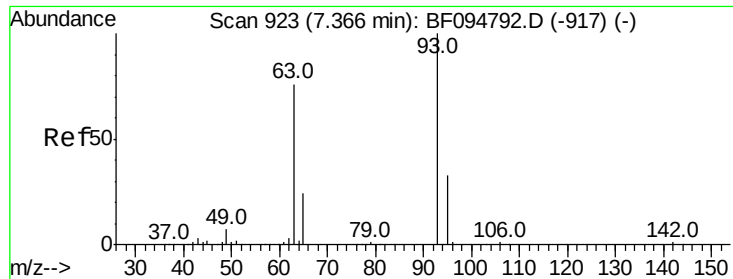


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.73 ng

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampled :

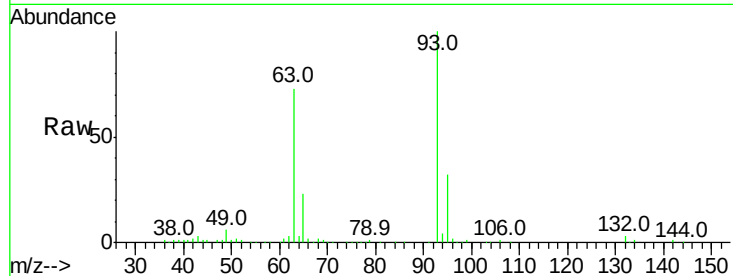
Tot Ion: 93 Resp: 359154

Ion Ratio Lower Upper

93 100

63 73.5 59.2 99.2

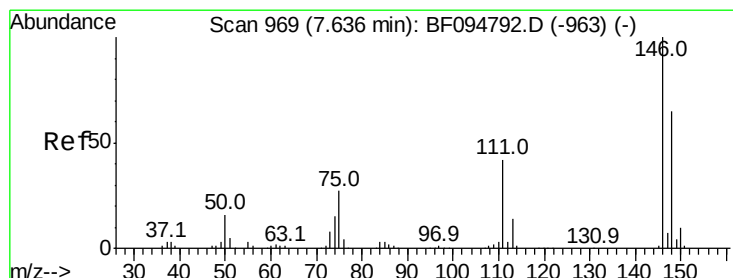
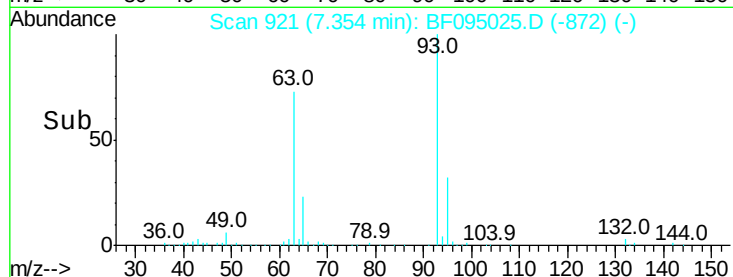
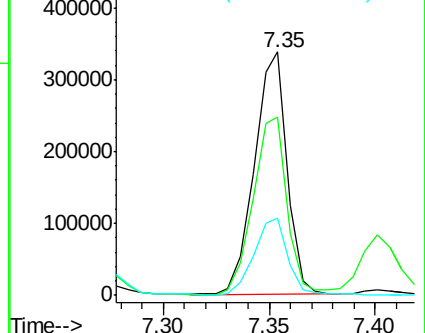
95 31.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.52 ng

RT: 7.62 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

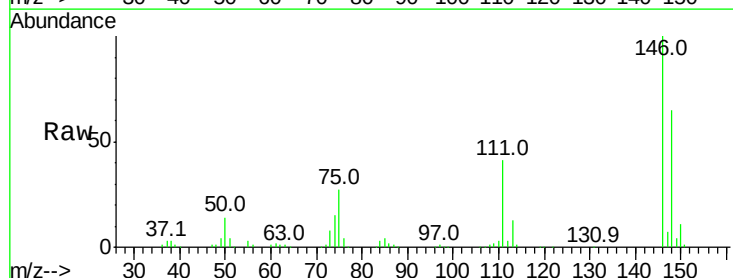
Tgt Ion: 146 Resp: 464234

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.6

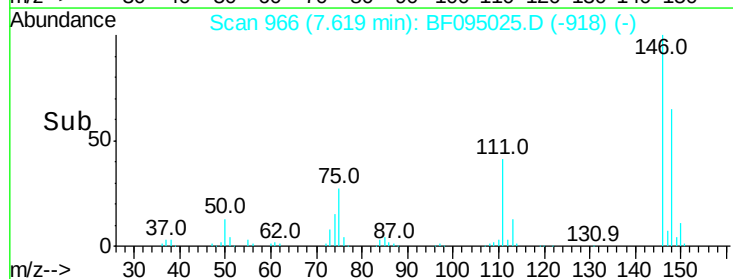
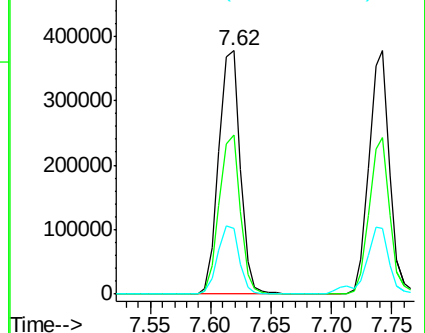
75 27.2 23.1 34.7

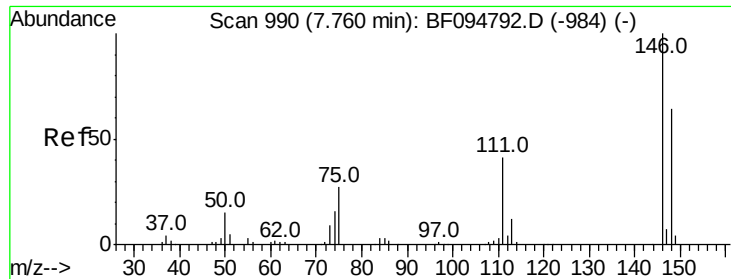


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

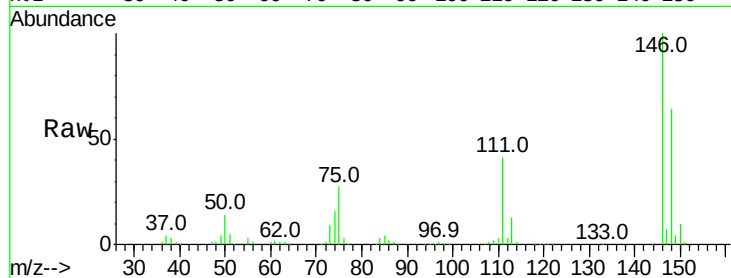




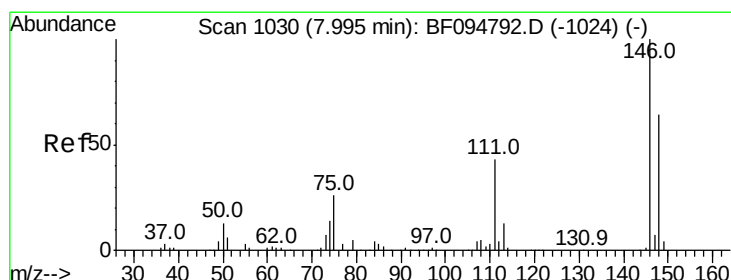
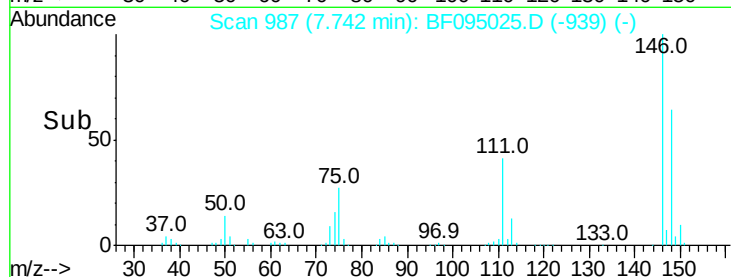
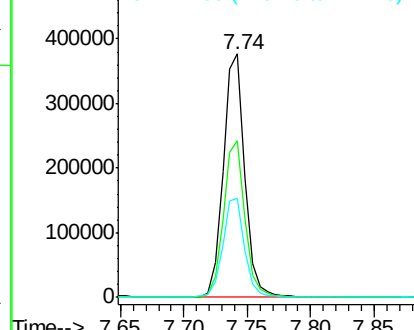
#13
 1,4-Dichlorobenzene
 Concen: 39.32 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 445868
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 40.7 30.3 45.5

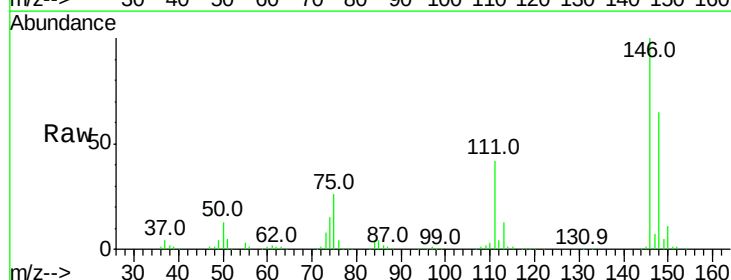


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

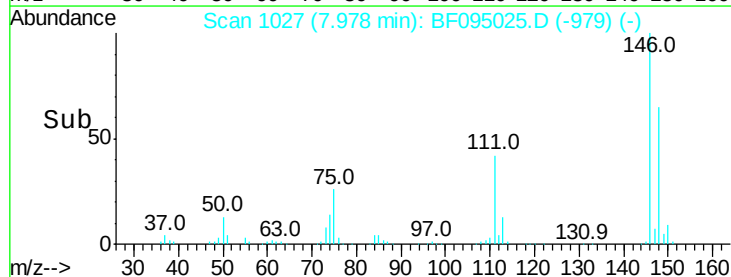
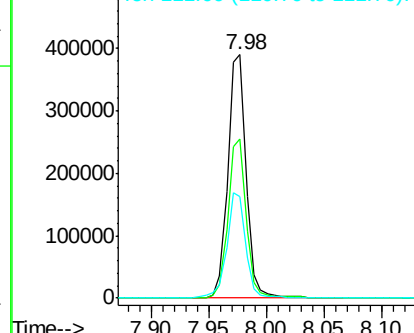


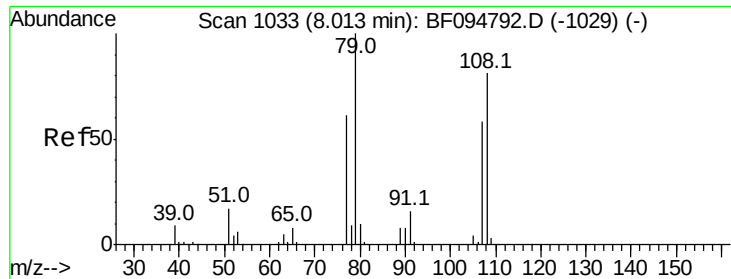
#14
 1,2-Dichlorobenzene
 Concen: 40.80 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:146 Resp: 431792
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.4 75.6
 111 41.8 38.2 57.4



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

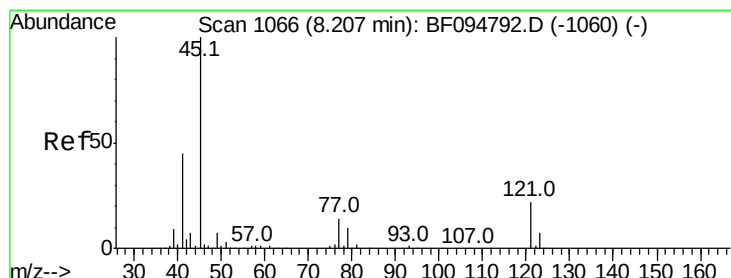
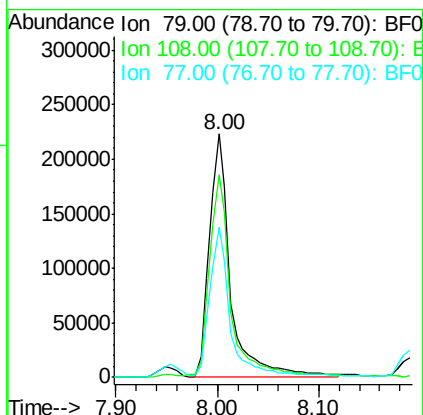
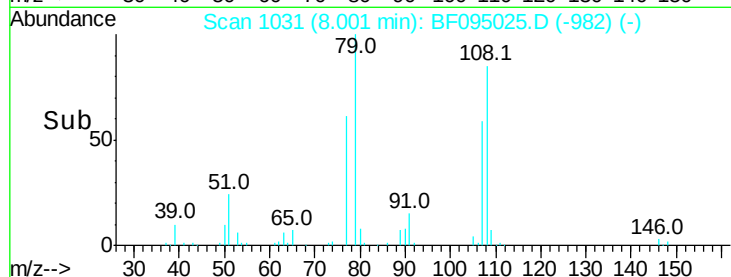
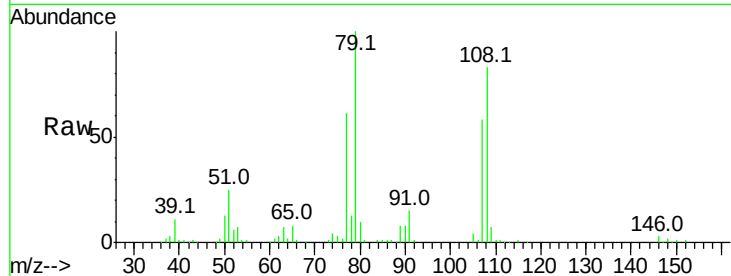




#15
Benzyl Alcohol
Concen: 48.66 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

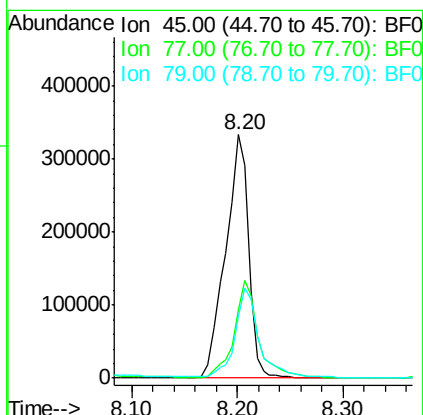
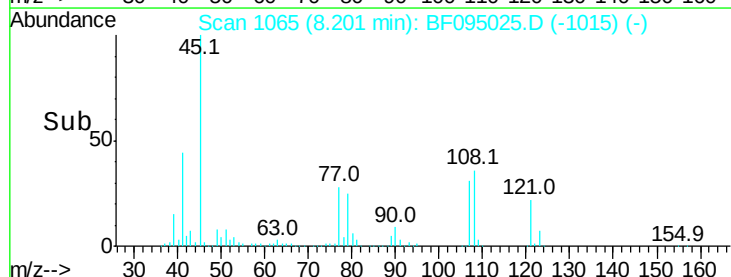
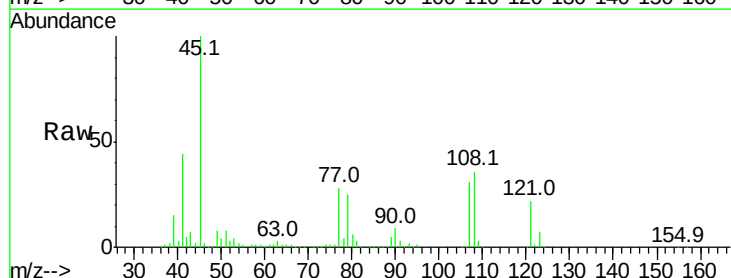
Instrument :
BNA_F
ClientSampled :

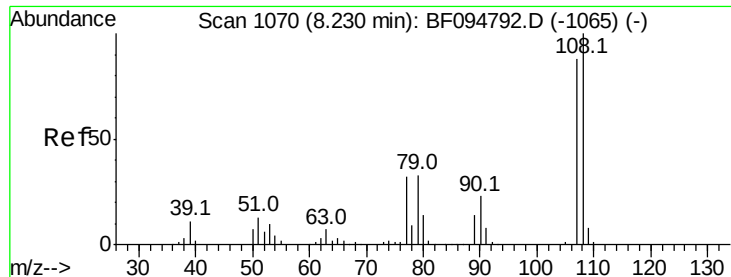
Tot Ion: 79 Resp: 325168
Ion Ratio Lower Upper
79 100
108 83.5 63.4 95.0
77 61.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.42 ng
RT: 8.20 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion: 45 Resp: 504273
Ion Ratio Lower Upper
45 100
77 27.8 0.0 33.2
79 25.2 0.0 30.0

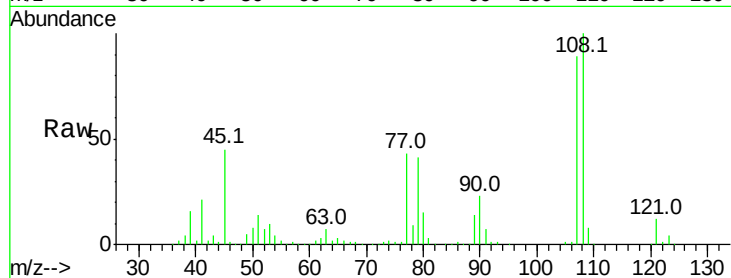




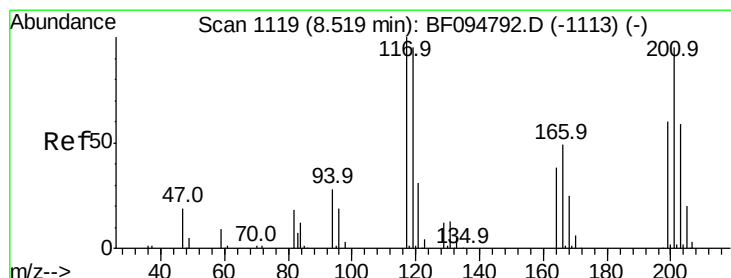
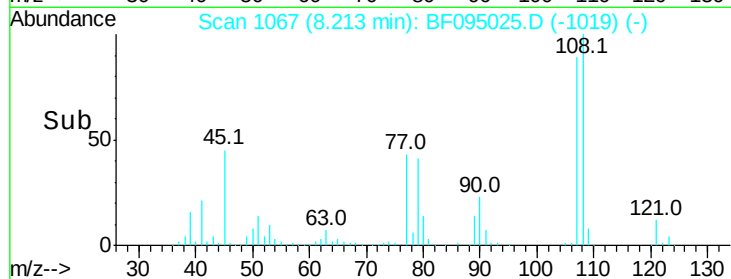
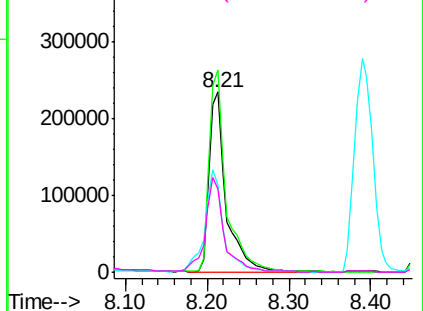
#17
2-Methylphenol
Concen: 41.67 ng
RT: 8.21 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 336122
Ion Ratio Lower Upper
107 100
108 112.4 93.4 140.0
77 48.2 35.8 53.6
79 46.1 34.8 52.2

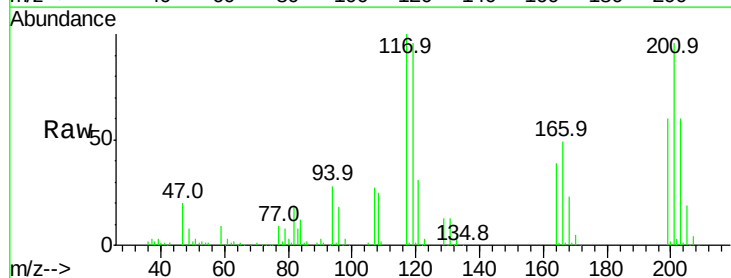


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

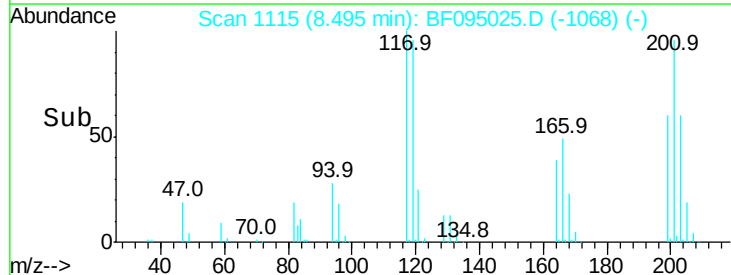
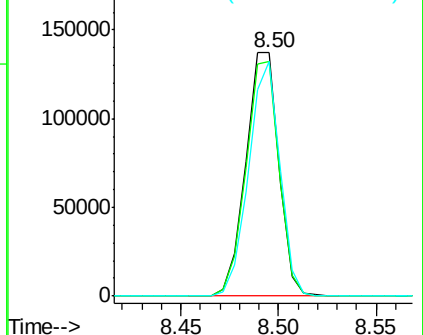


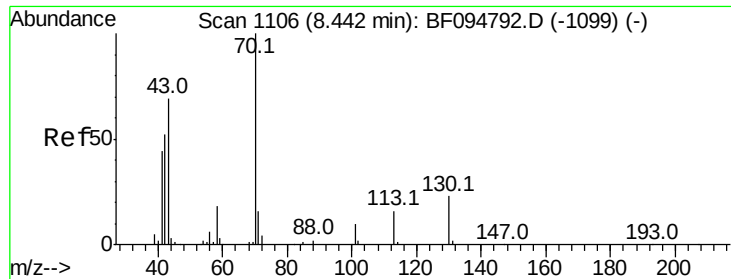
#18
Hexachloroethane
Concen: 41.81 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion:117 Resp: 160591
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0
201 96.1 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

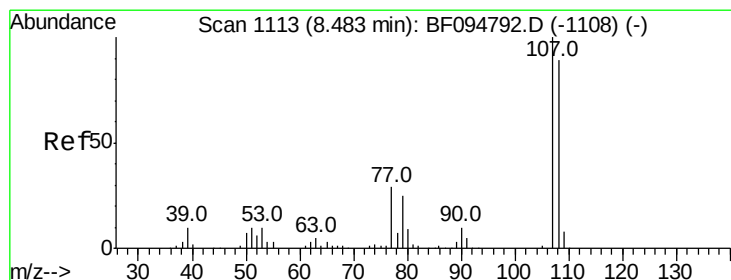
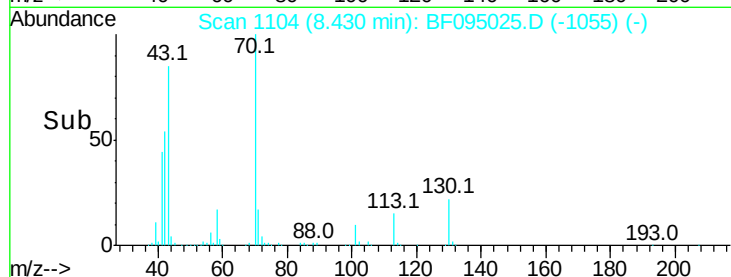
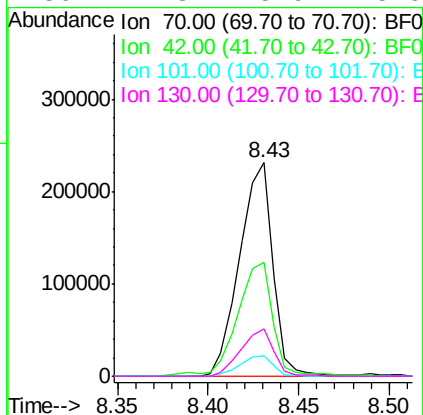
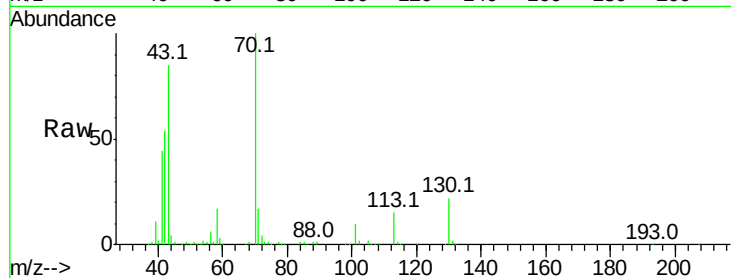




#19
n-Nitroso-di-n-propylamine
Concen: 42.19 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

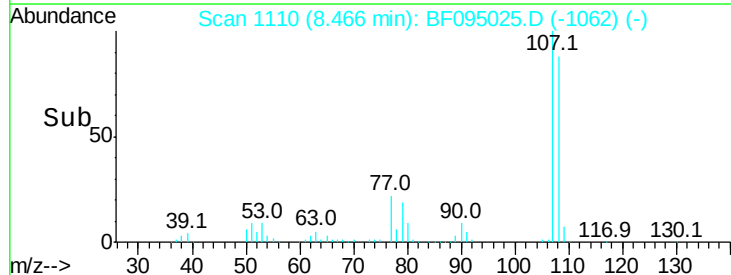
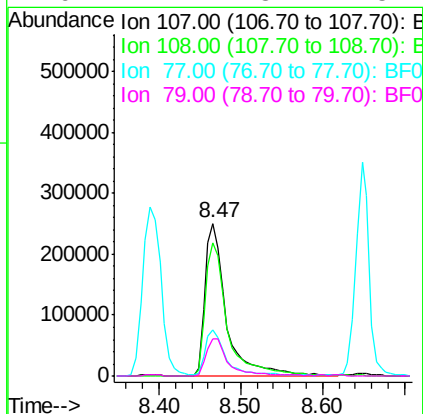
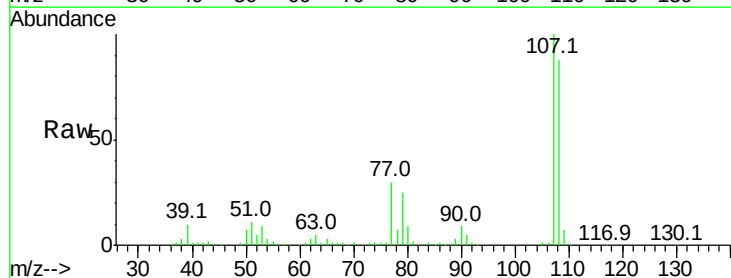
Instrument :
BNA_F
ClientSampleId :

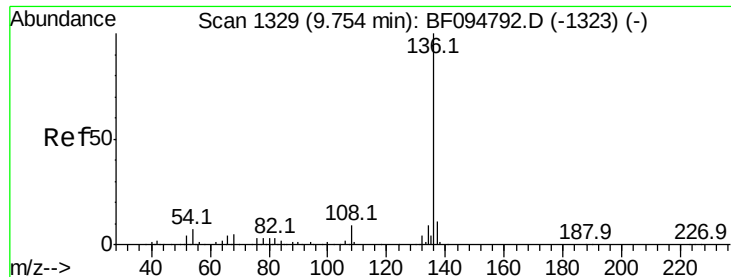
Tot Ion: 70 Resp: 296448
Ion Ratio Lower Upper
70 100
42 53.6 47.2 70.8
101 9.5 7.2 10.8
130 22.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.70 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion:107 Resp: 457019
Ion Ratio Lower Upper
107 100
108 87.6 71.0 111.0
77 29.8 90.5 130.5#
79 24.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 543523

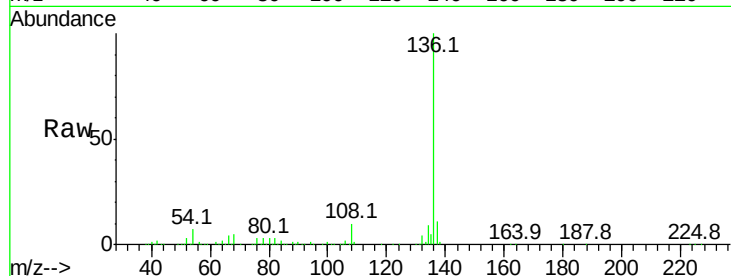
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.9 4.9 7.3

68 5.1 4.1 6.1

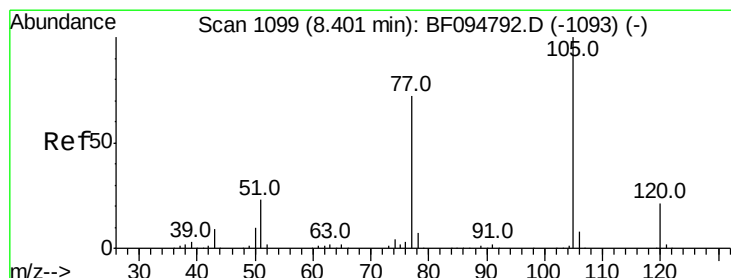
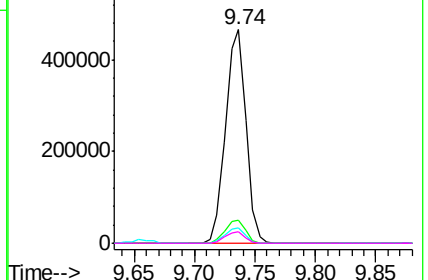
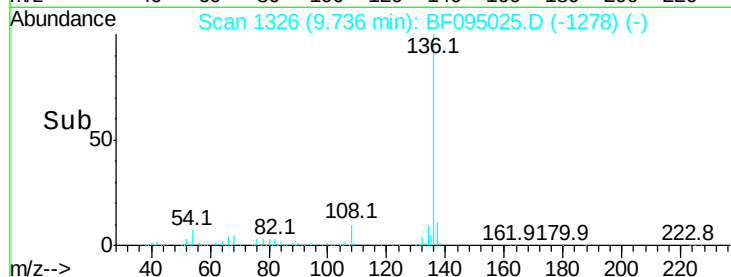


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.27 ng

RT: 8.39 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Tgt Ion:105 Resp: 603421

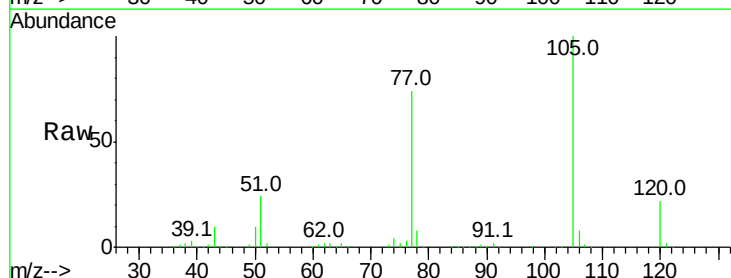
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.7 30.7 46.1#

120 21.9 17.4 26.0

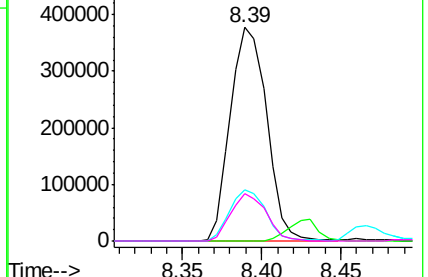
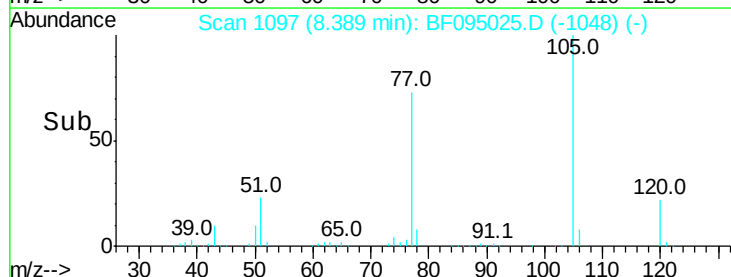


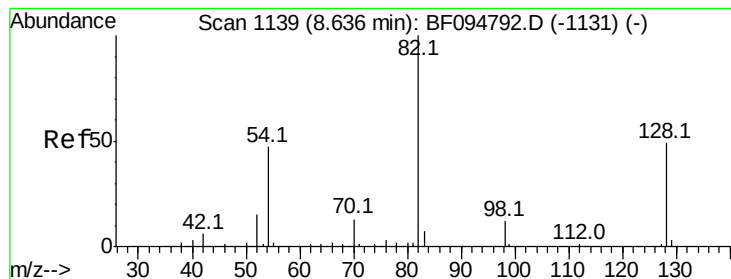
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.95 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

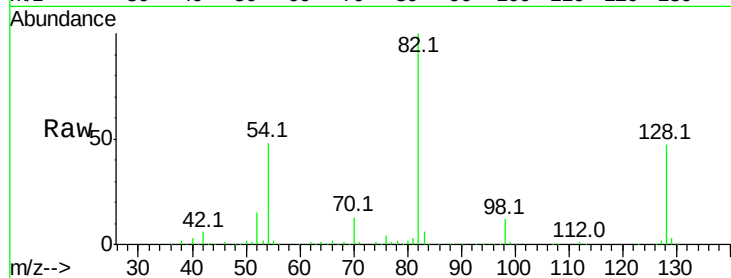
Tot Ion: 82 Resp: 749426

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

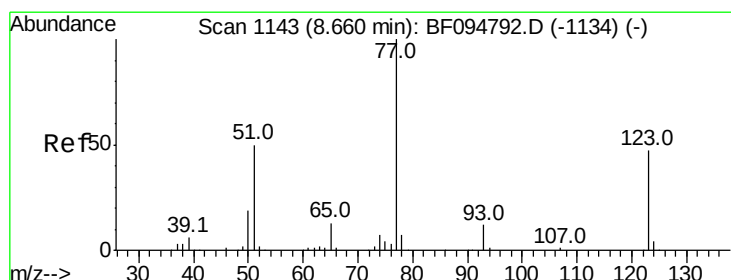
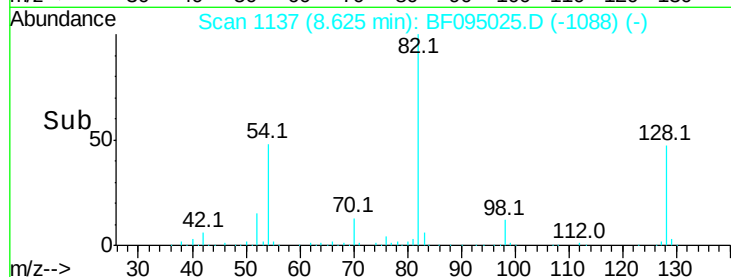
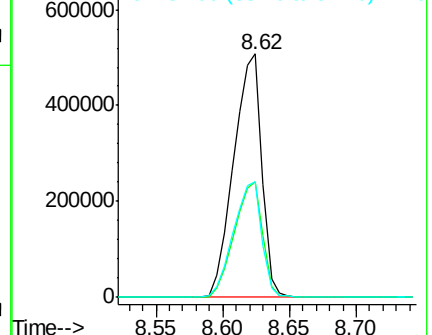
54 47.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.88 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

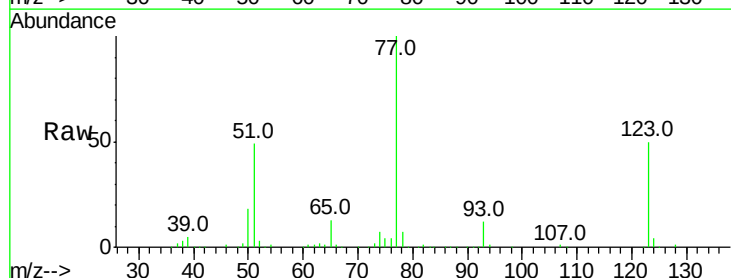
Tgt Ion: 77 Resp: 396457

Ion Ratio Lower Upper

77 100

123 50.2 35.8 53.8

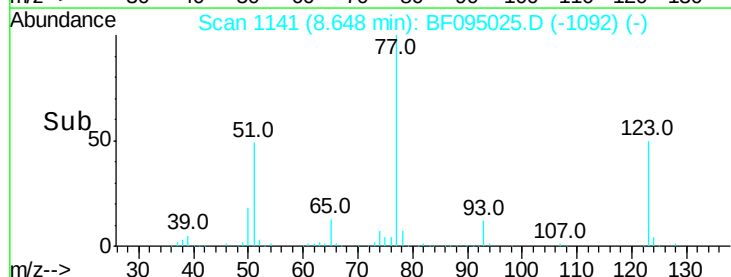
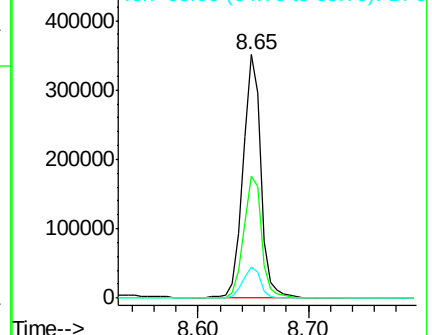
65 13.0 10.6 15.8

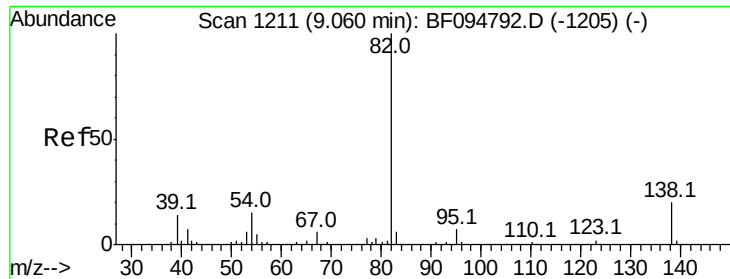


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.95 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

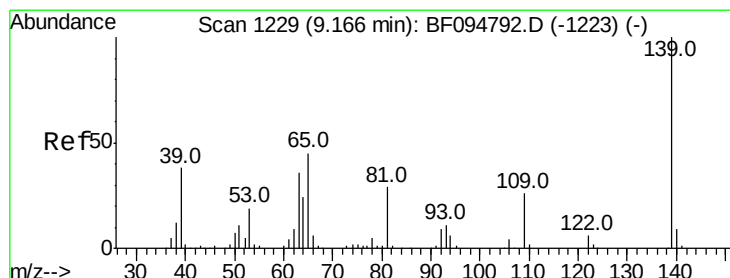
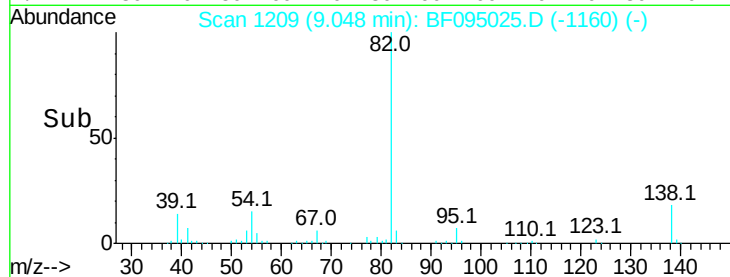
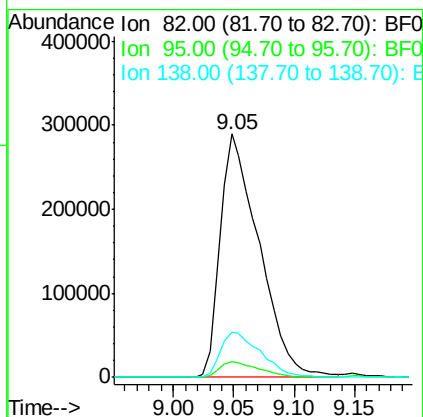
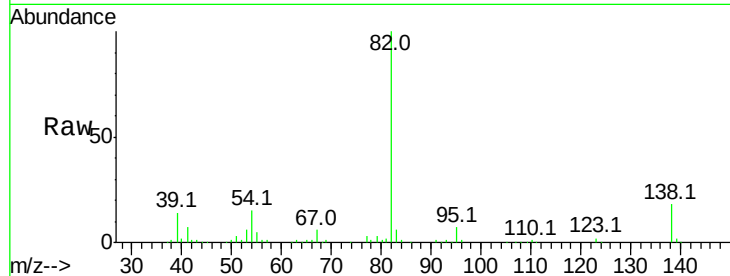
Tot Ion: 82 Resp: 645655

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 42.81 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

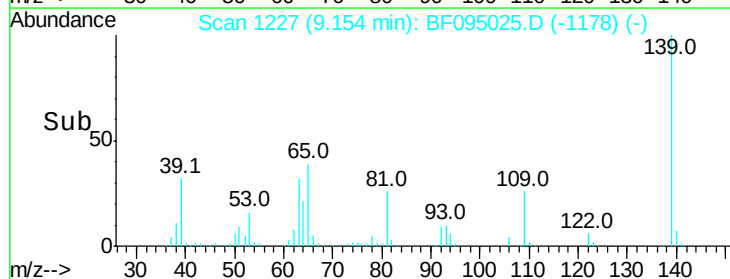
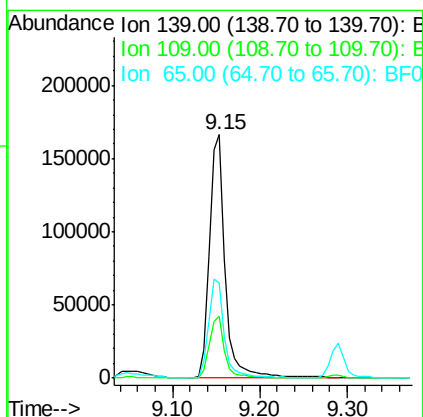
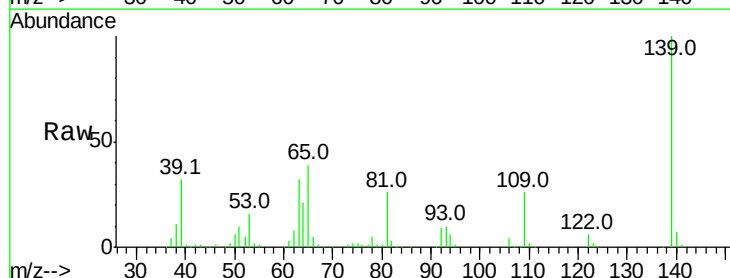
Tgt Ion: 139 Resp: 208720

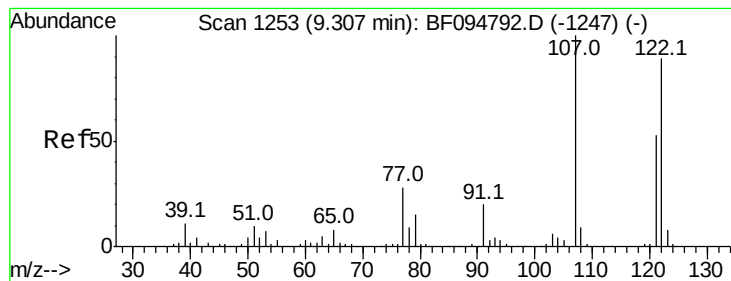
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 39.2 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.36 ng

RT: 9.29 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

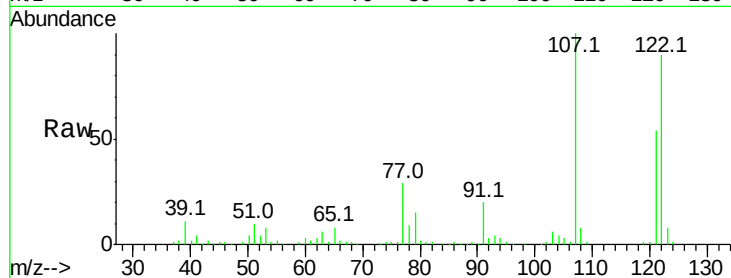
Tot Ion:122 Resp: 318144

Ion Ratio Lower Upper

122 100

107 111.1 89.2 133.8

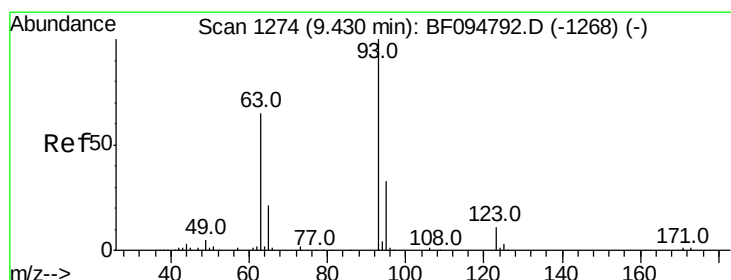
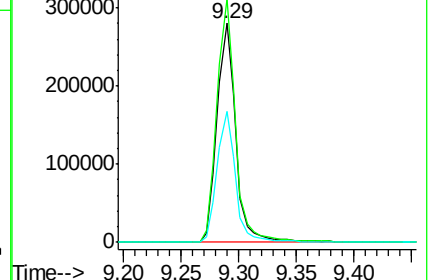
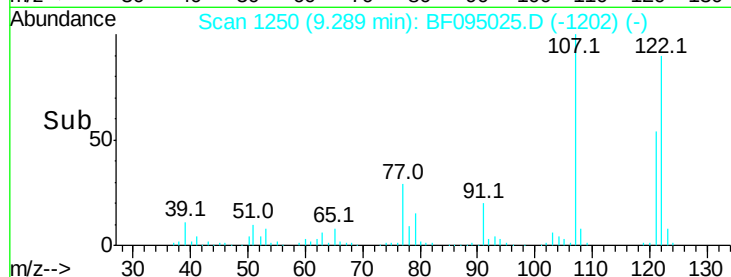
121 59.7 45.2 67.8



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: 39.63 ng

RT: 9.41 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

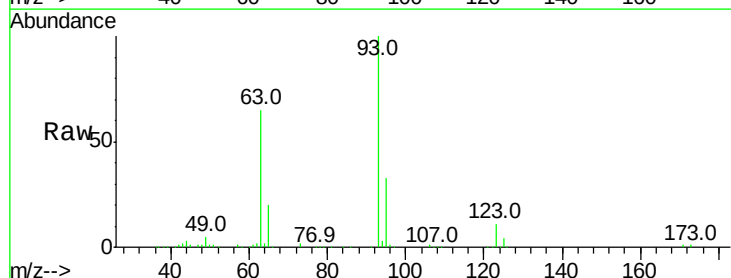
Tgt Ion: 93 Resp: 421976

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

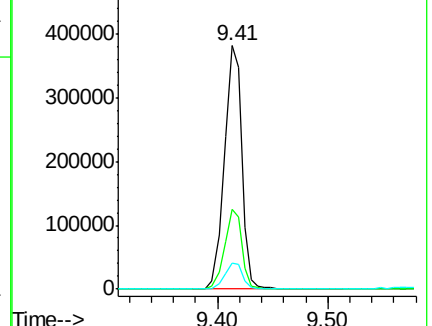
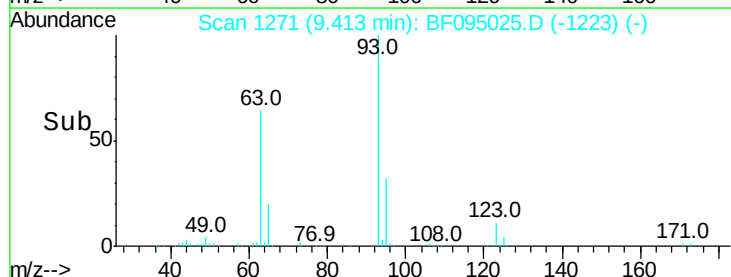
123 10.6 9.0 13.4

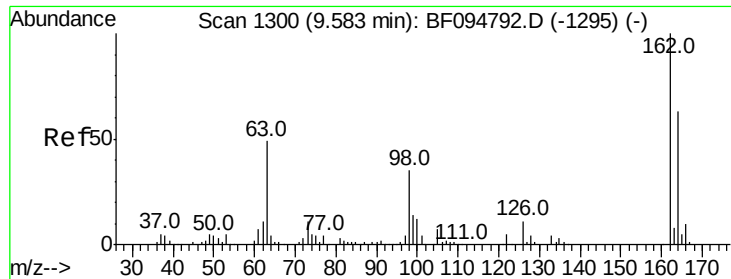


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

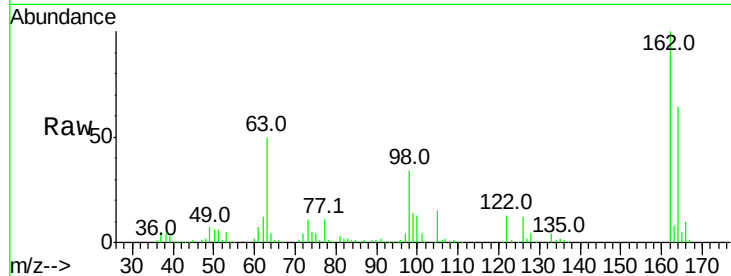




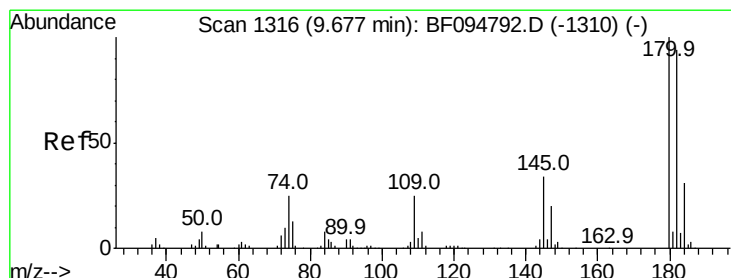
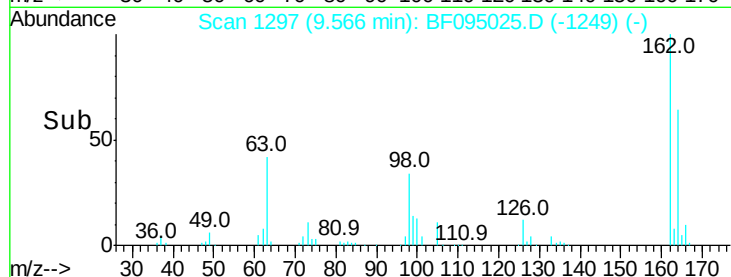
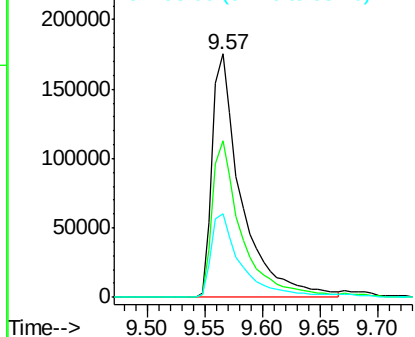
#29
 2,4-Dichlorophenol
 Concen: 41.34 ng
 RT: 9.57 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	34.2	14.8	54.8

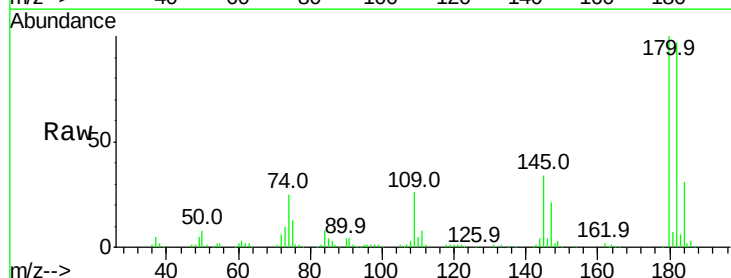


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

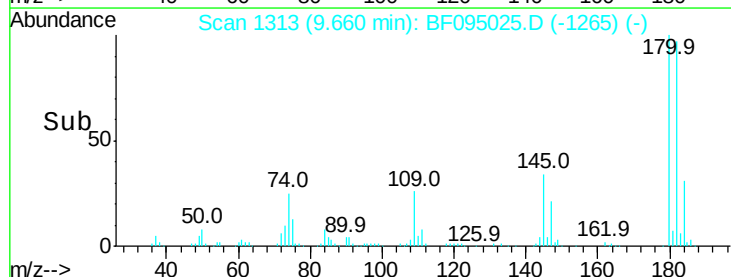
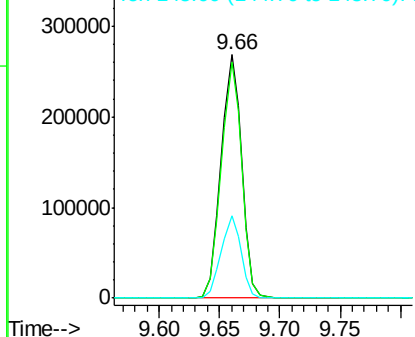


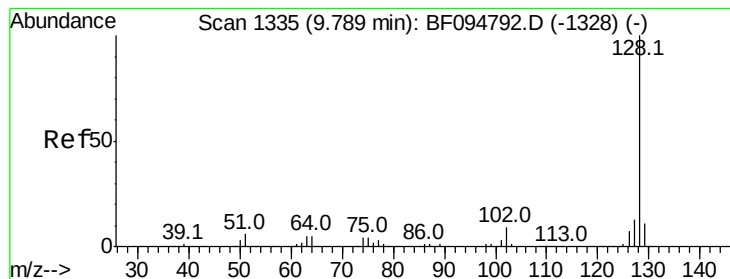
#30
 1,2,4-Trichlorobenzene
 Concen: 39.86 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.6
145	33.6	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: 38.75 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

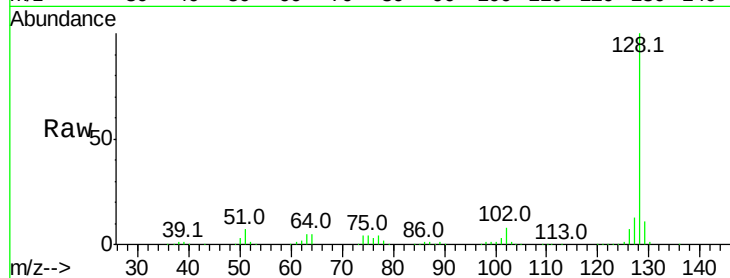
Tot Ion:128 Resp: 1058512

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

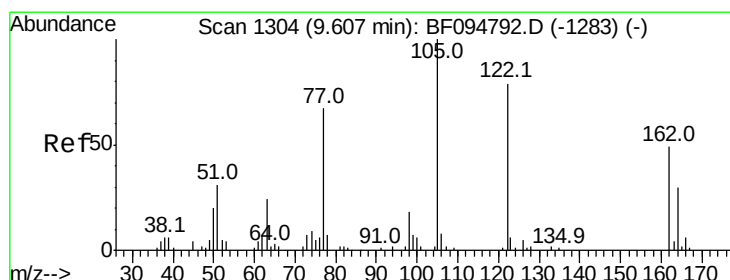
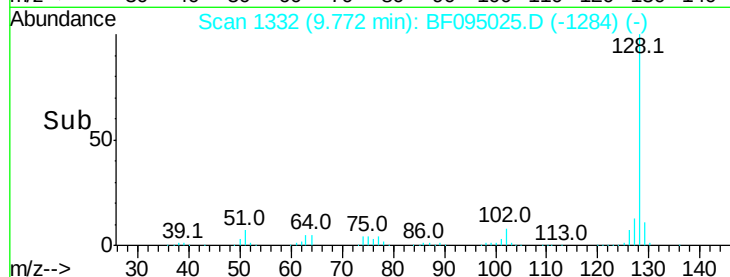
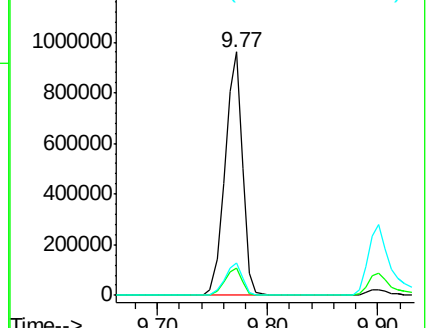
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.39 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

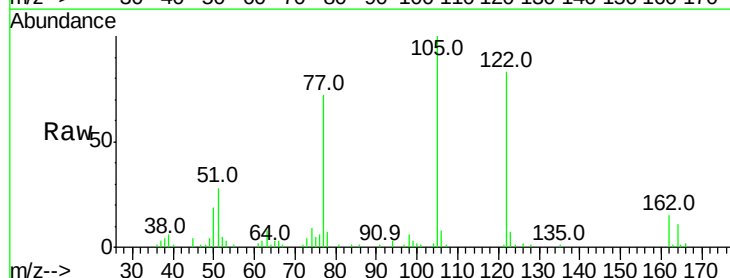
Tgt Ion:122 Resp: 198576

Ion Ratio Lower Upper

122 100

105 120.0 103.3 143.3

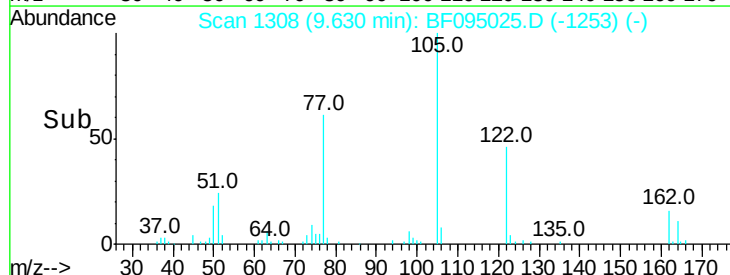
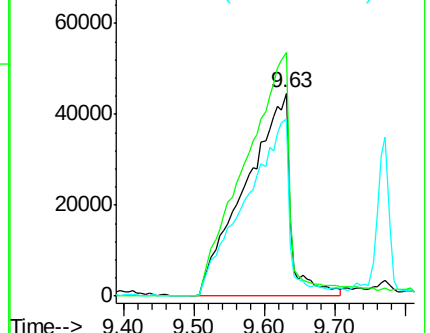
77 87.0 73.7 113.7

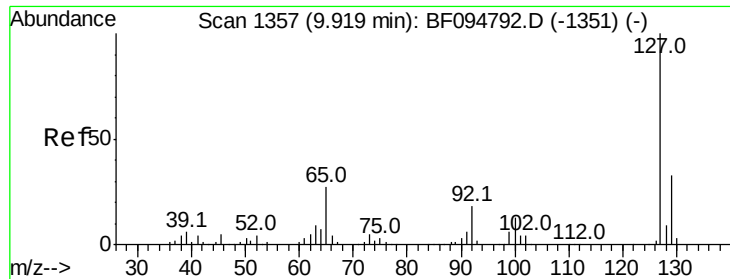


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

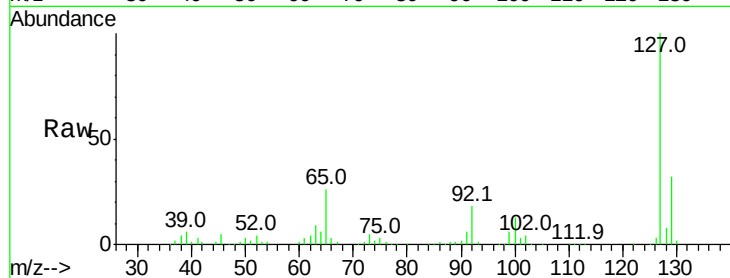




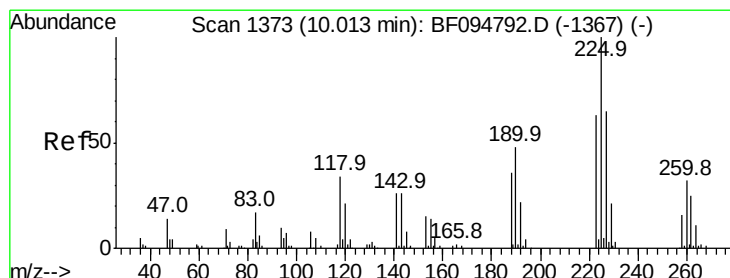
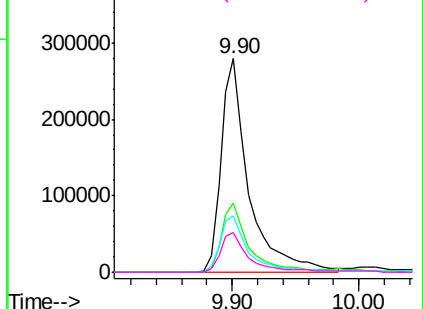
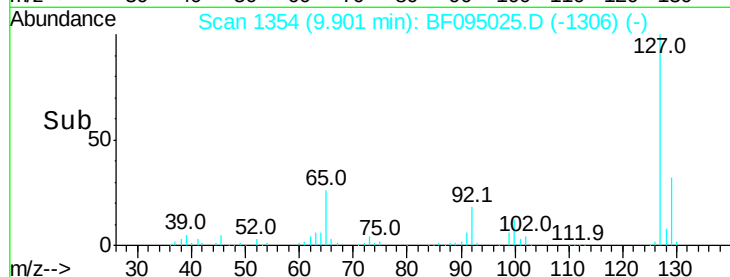
#33
 4-Chloroaniline
 Concen: 41.50 ng
 RT: 9.90 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	422518
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	26.1	27.8	41.8#
92	18.3	16.8	25.2

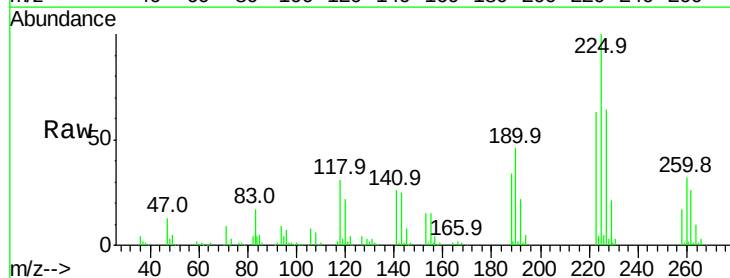


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

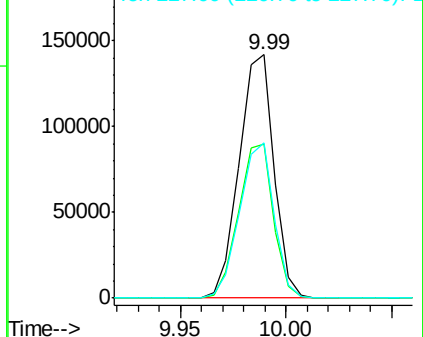
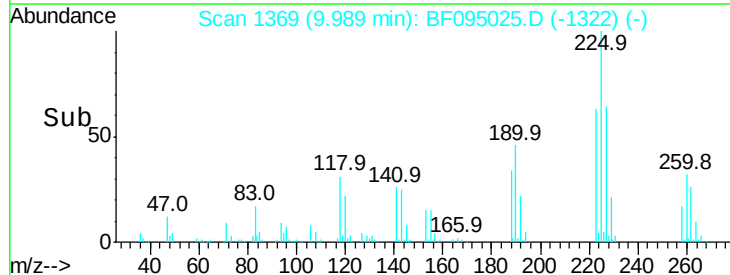


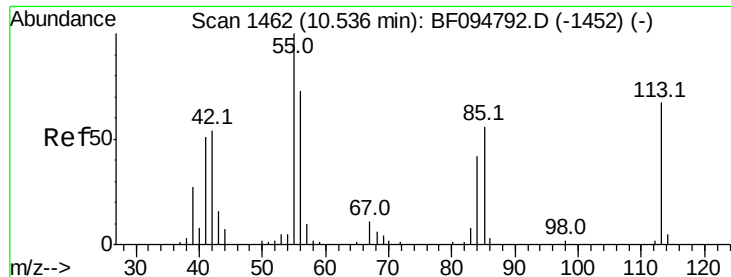
#34
 Hexachlorobutadiene
 Concen: 38.52 ng
 RT: 9.99 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:	225	Resp:	162060
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	63.7	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: 33.01 ng

RT: 10.54 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

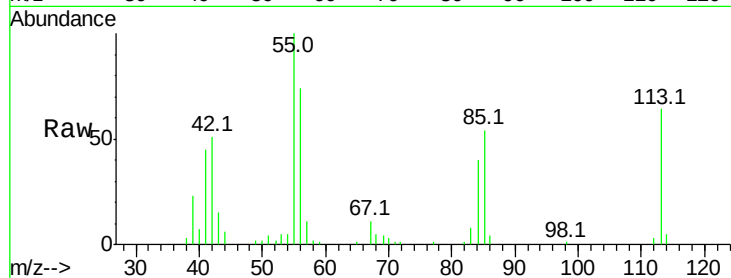
Tot Ion:113 Resp: 73776

Ion Ratio Lower Upper

113 100

55 156.7 150.2 190.2

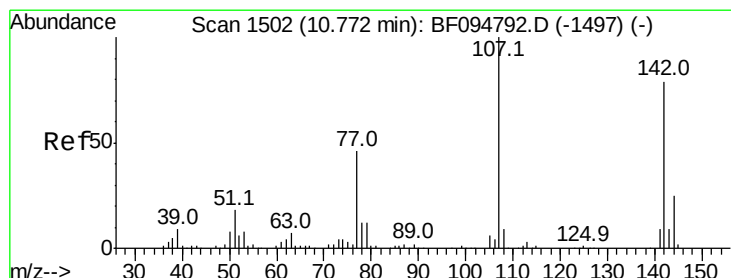
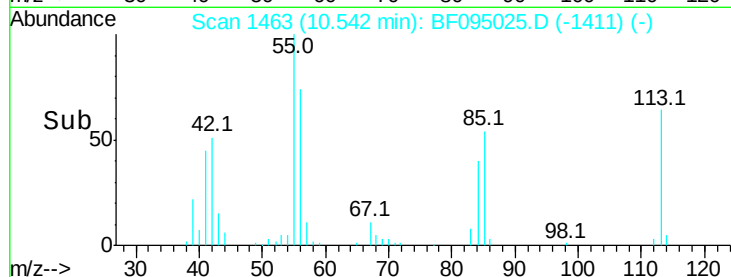
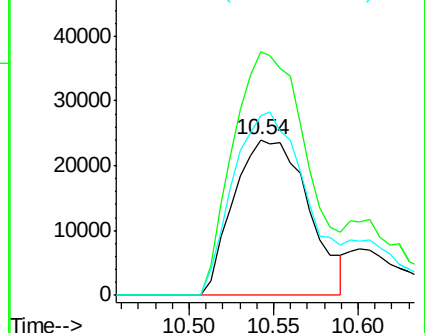
56 115.4 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.48 ng

RT: 10.76 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

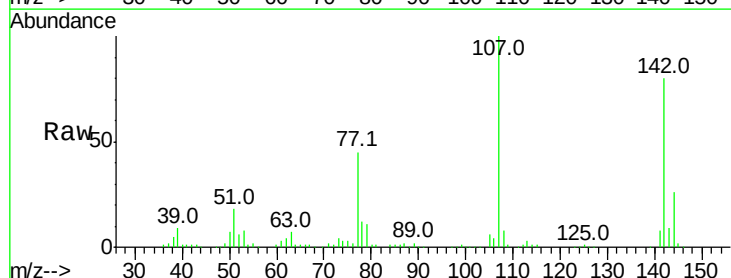
Tgt Ion:107 Resp: 345962

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

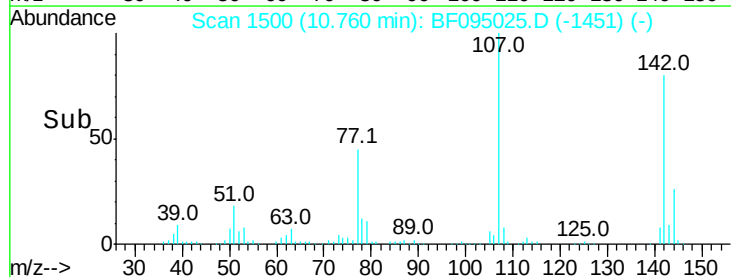
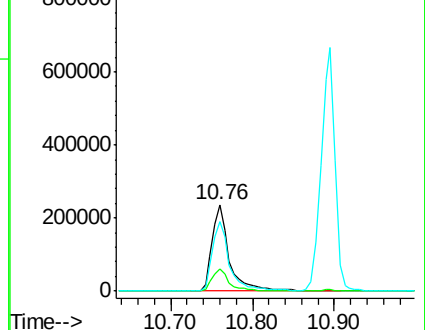
142 80.5 73.4 110.0

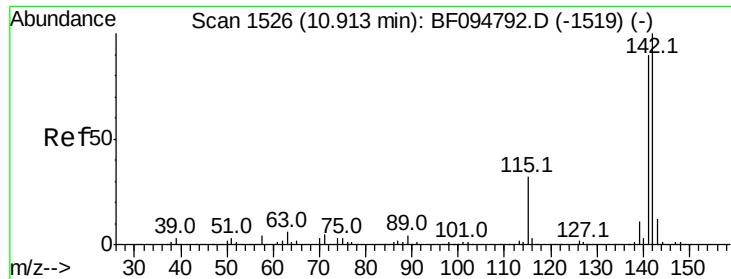


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

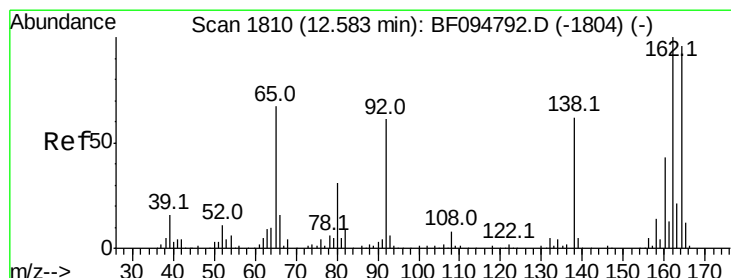
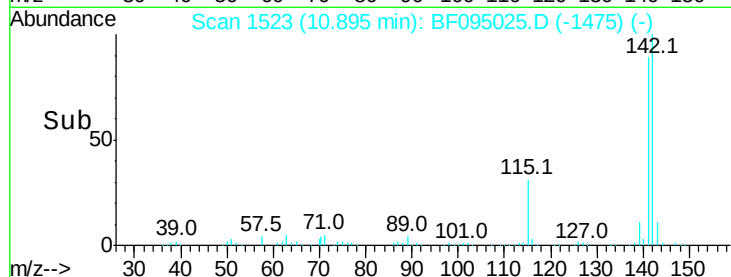
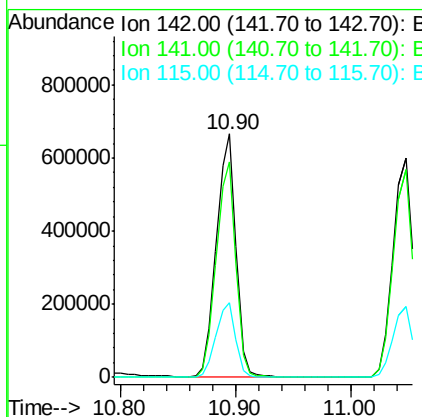
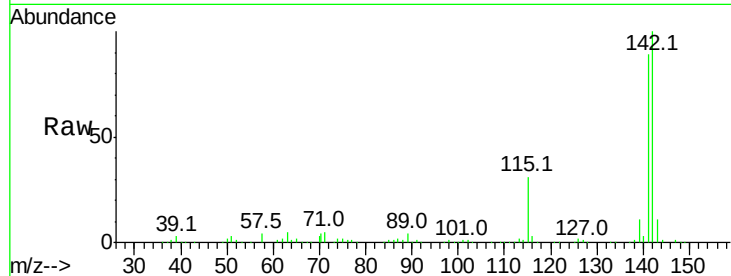




#37
2-Methylnaphthalene
Concen: 43.65 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

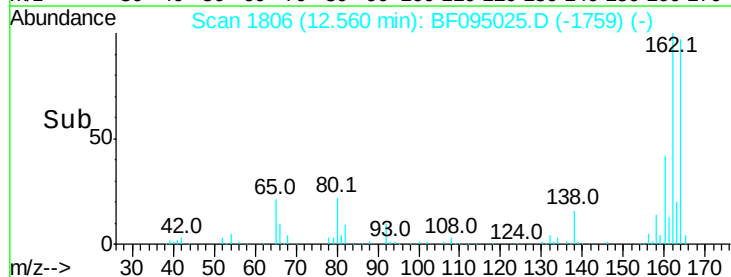
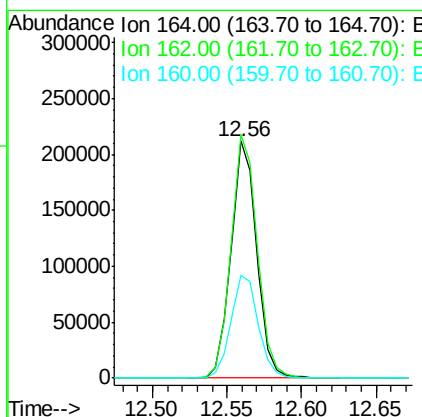
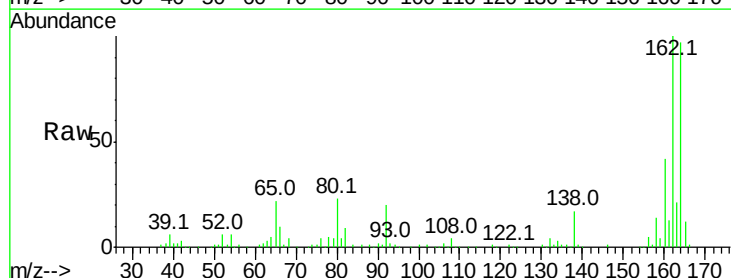
Instrument :
BNA_F
ClientSampled :

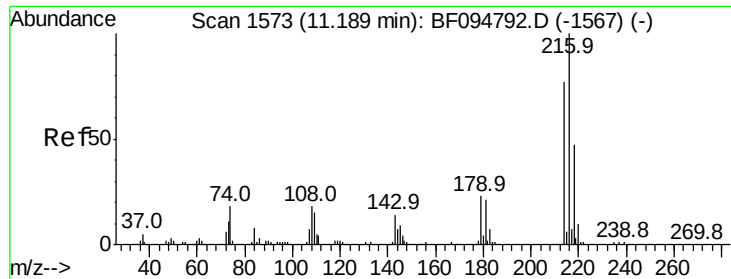
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9
115	30.8	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	43.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.53 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 311550

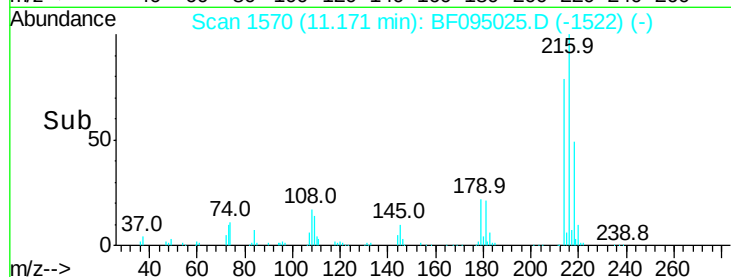
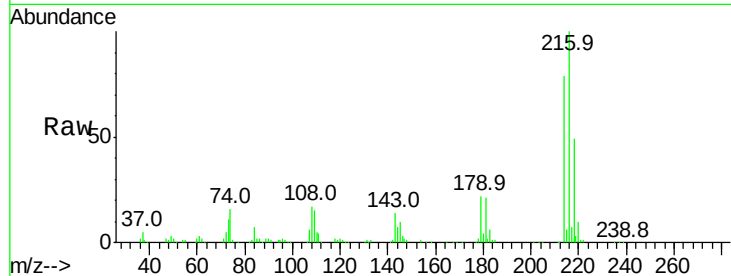
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 21.9 17.9 26.9

108 19.2 16.5 24.7

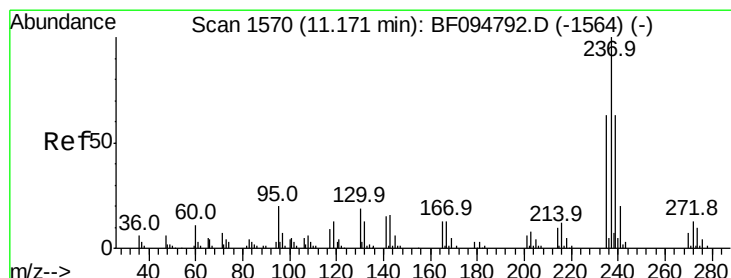
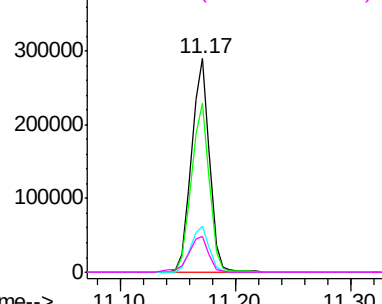


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.96 ng

RT: 11.15 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

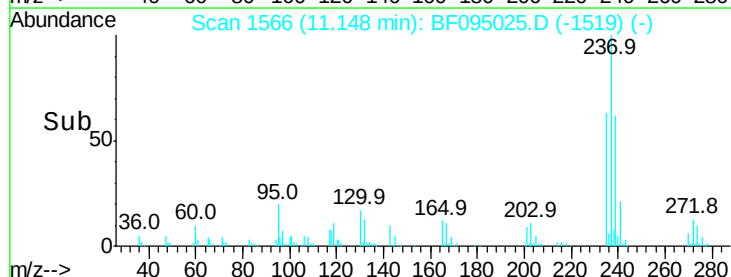
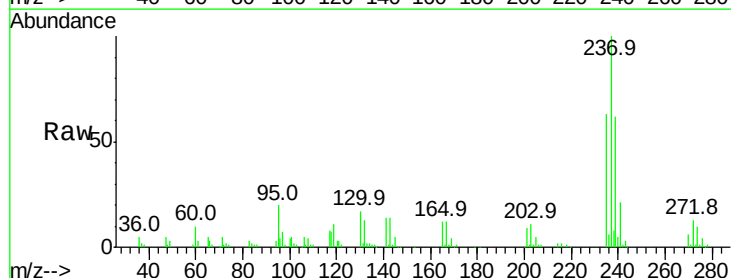
Tgt Ion:237 Resp: 121513

Ion Ratio Lower Upper

237 100

235 62.7 42.6 82.6

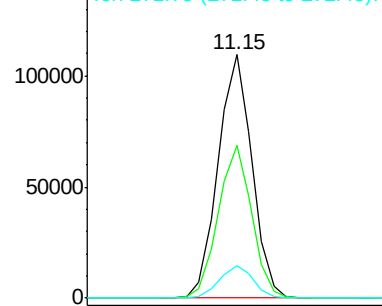
272 13.3 0.0 31.9

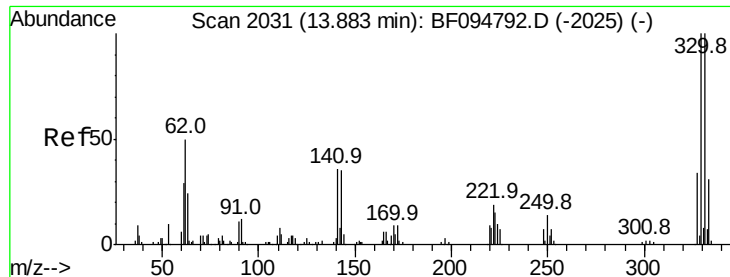


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

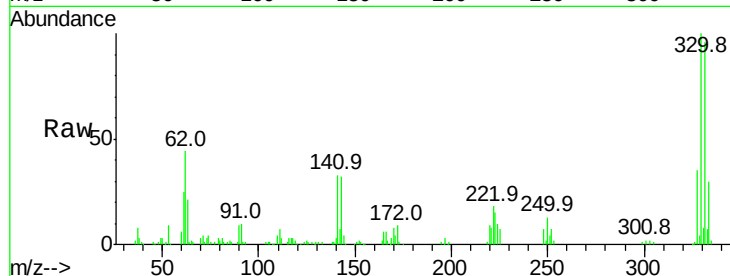




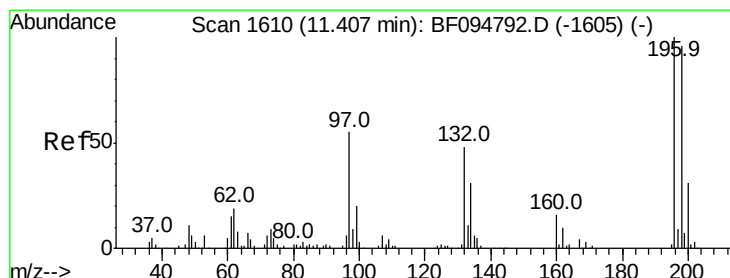
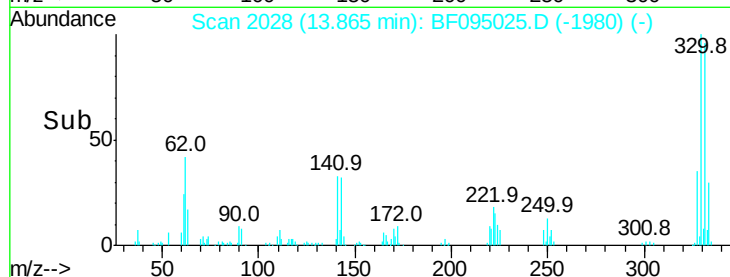
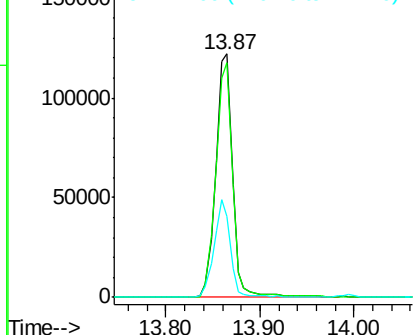
#41
 2,4,6-Tribromophenol
 Concen: 73.73 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 154739
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.3 31.4 47.2

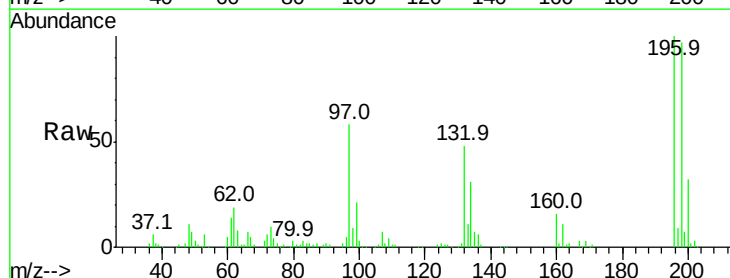


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

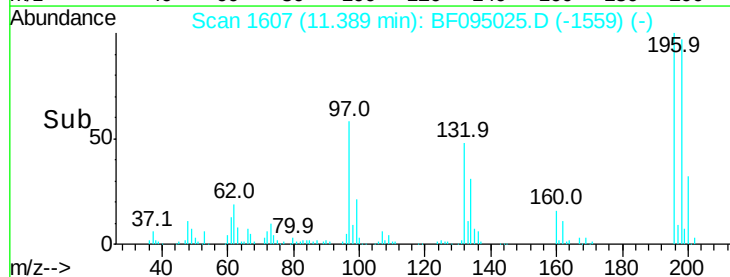
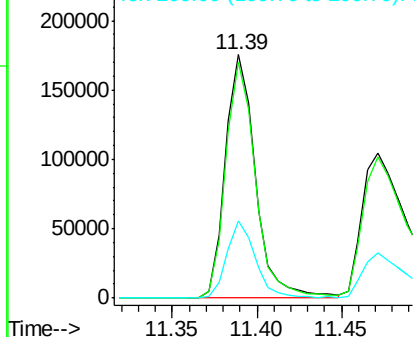


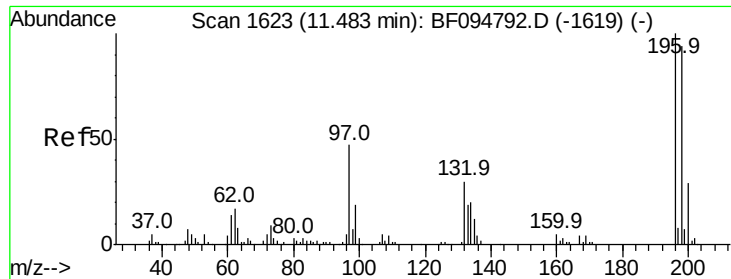
#42
 2,4,6-Trichlorophenol
 Concen: 41.39 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:196 Resp: 217767
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.2 111.4
 200 31.5 24.0 36.0



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

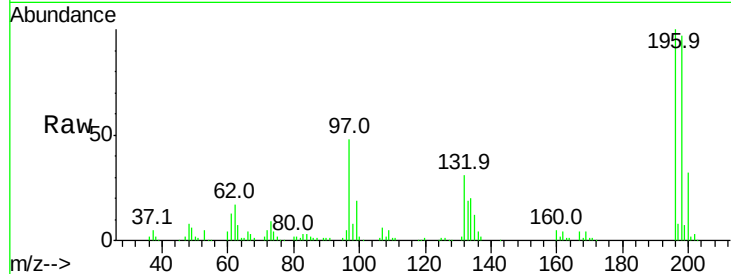




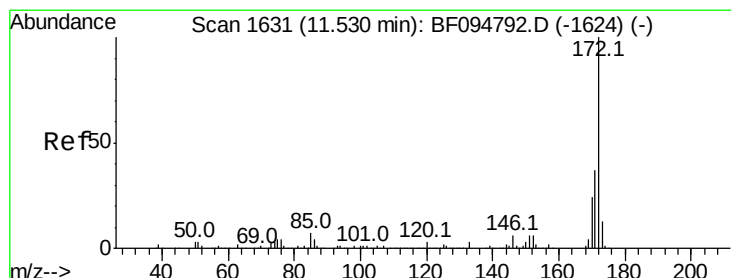
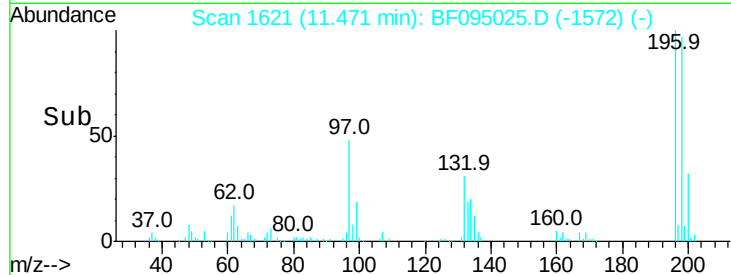
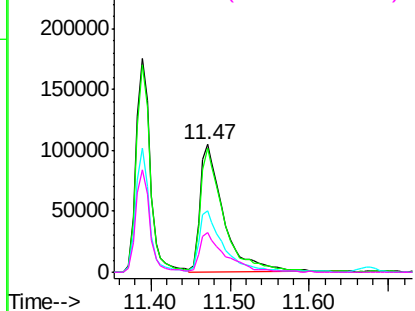
#43
 2,4,5-Trichlorophenol
 Concen: 38.47 ng
 RT: 11.47 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 217565
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 97 48.4 47.7 71.5
 132 31.4 28.0 42.0

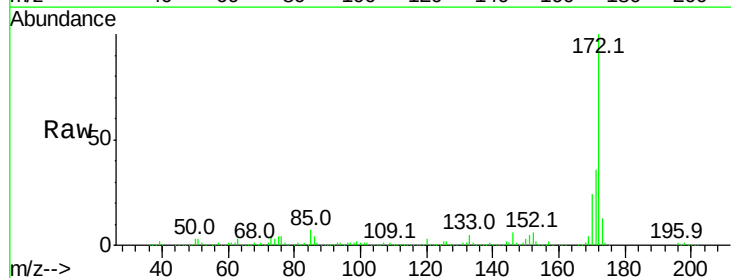


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

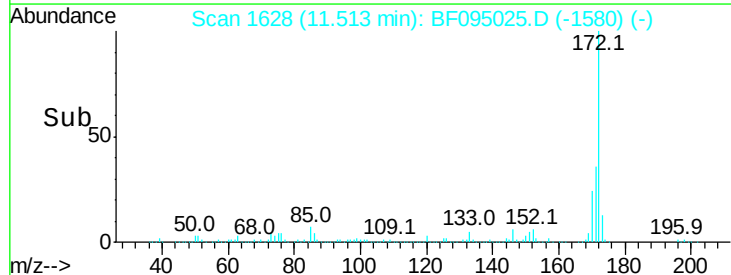
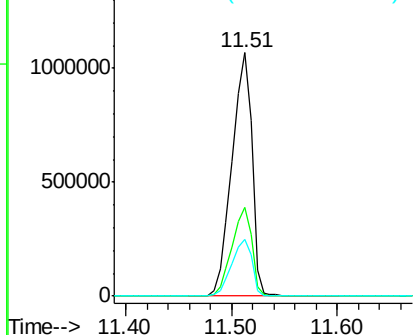


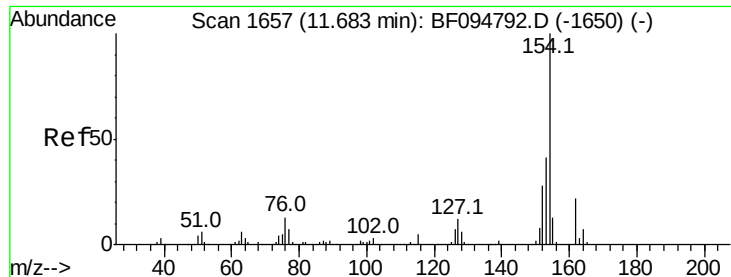
#44
 2-Fluorobiphenyl
 Concen: 78.35 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:172 Resp: 1394986
 Ion Ratio Lower Upper
 172 100
 171 36.4 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: 38.39 ng

RT: 11.66 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

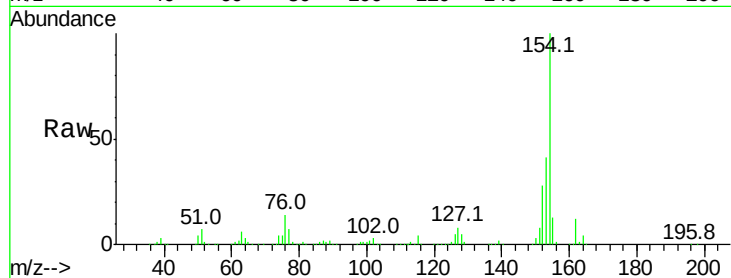
Tot Ion:154 Resp: 828379

Ion Ratio Lower Upper

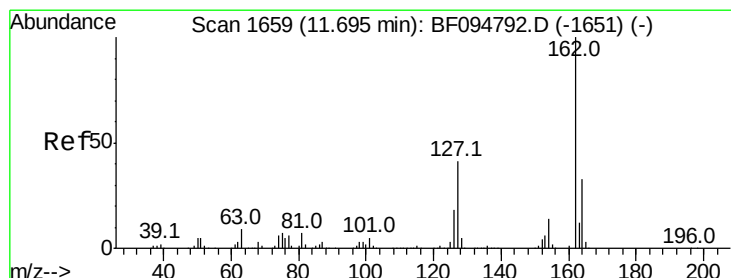
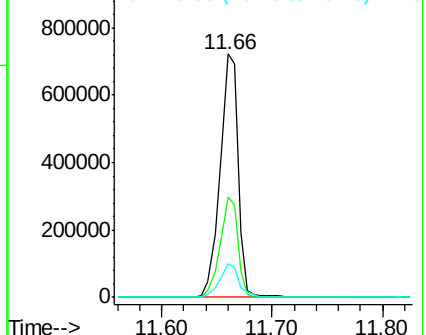
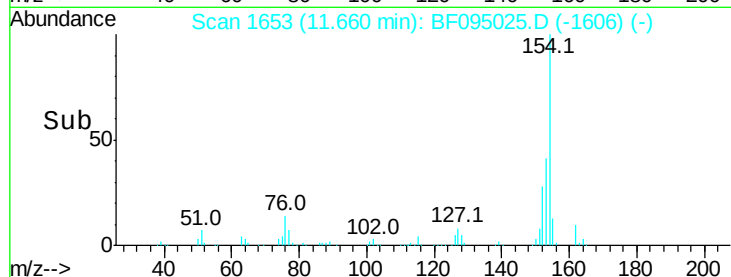
154 100

153 41.1 21.2 61.2

76 13.7 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 37.96 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

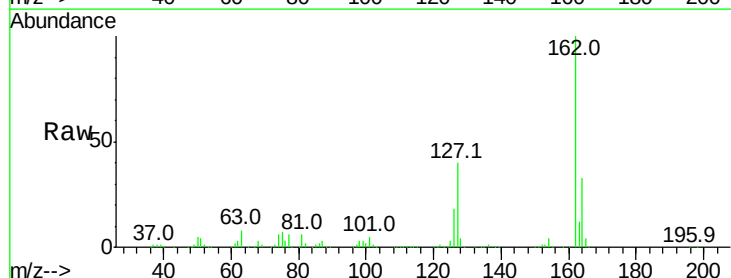
Tgt Ion:162 Resp: 661363

Ion Ratio Lower Upper

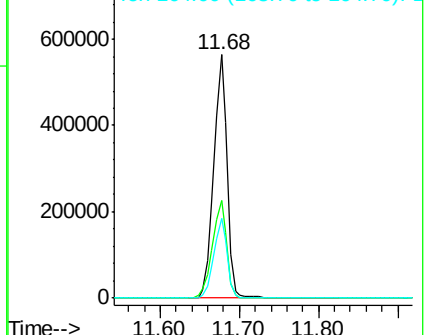
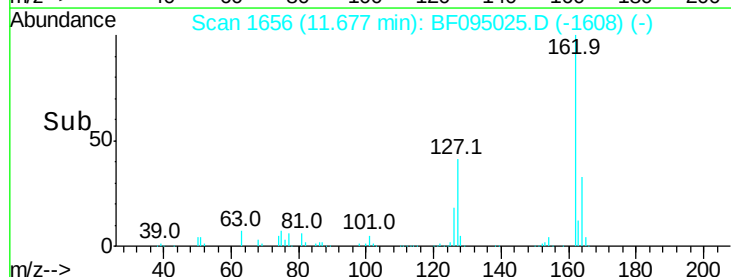
162 100

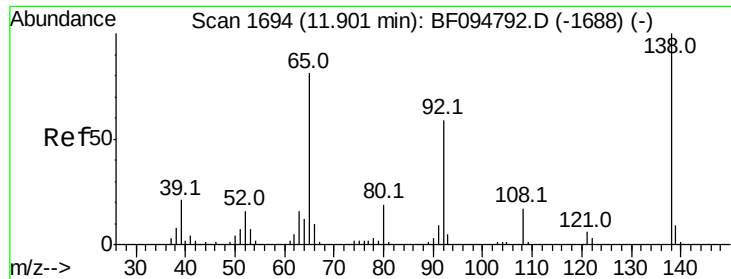
127 40.1 28.3 42.5

164 32.7 27.0 40.4



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

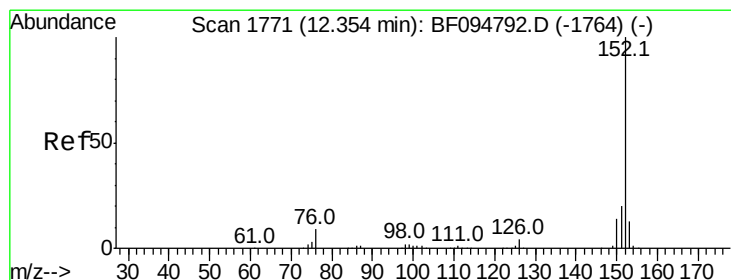
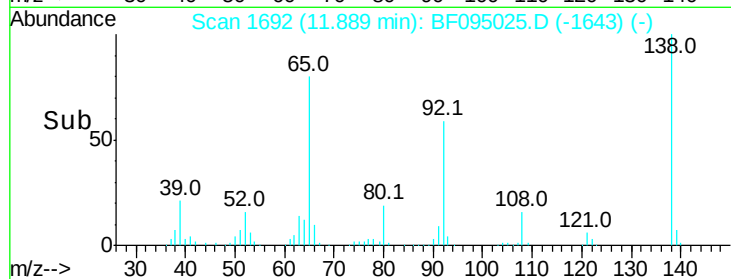
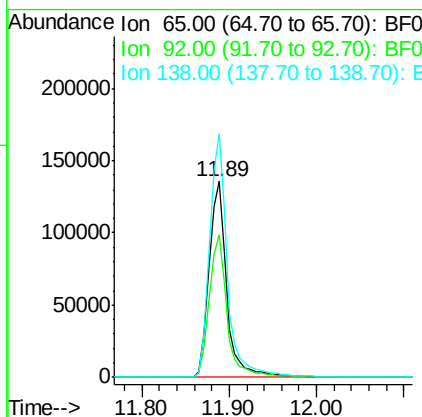
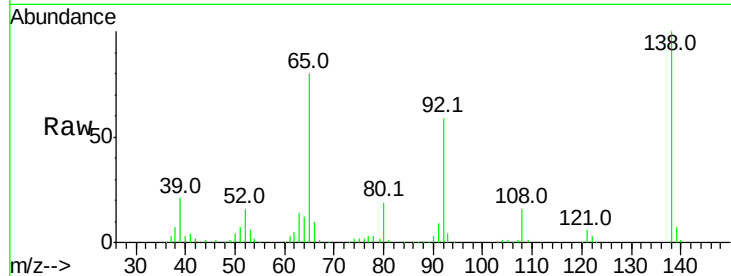




#47
2-Nitroaniline
Concen: 40.39 ng
RT: 11.89 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

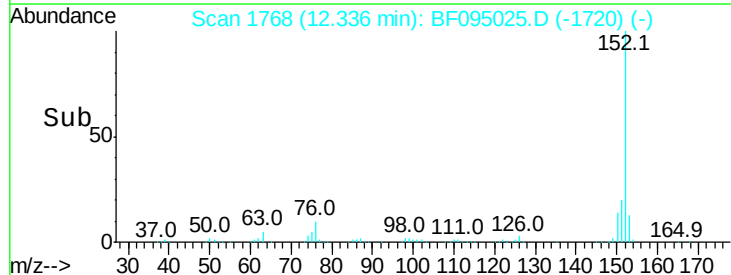
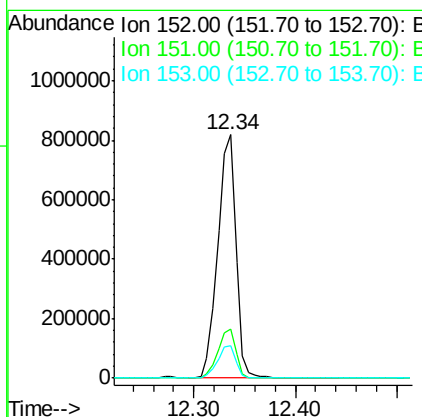
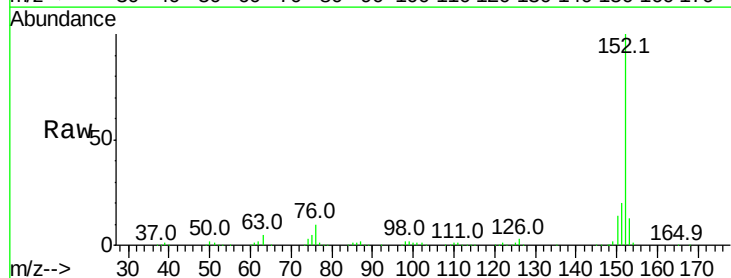
Instrument :
BNA_F
ClientSampled :

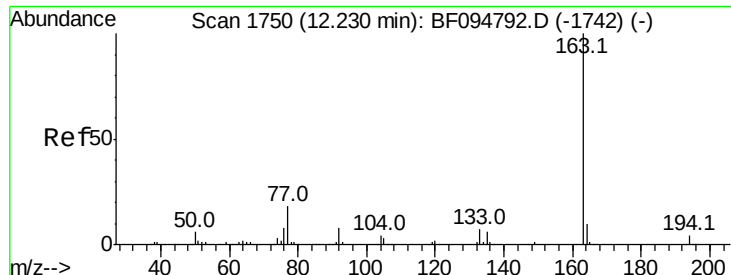
Tot Ion: 65 Resp: 192596
Ion Ratio Lower Upper
65 100
92 73.1 53.9 80.9
138 124.4 78.8 118.2#



#48
Acenaphthylene
Concen: 37.44 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion:152 Resp: 1021763
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 38.02 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

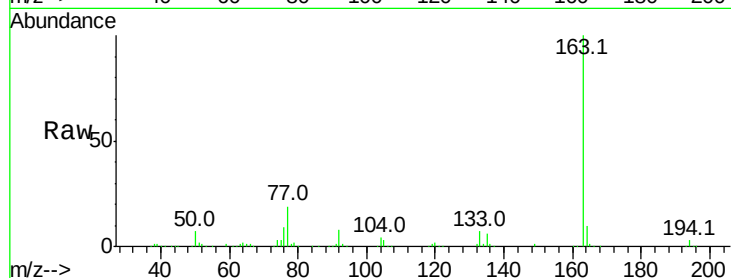
Tot Ion:163 Resp: 799776

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

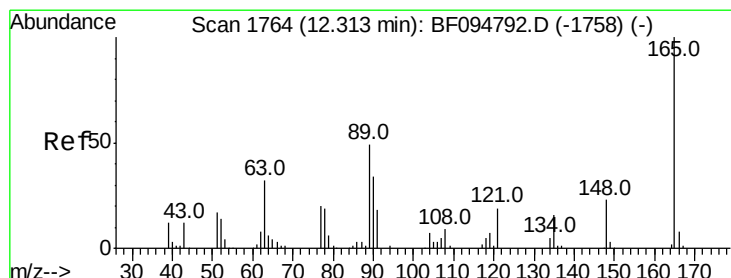
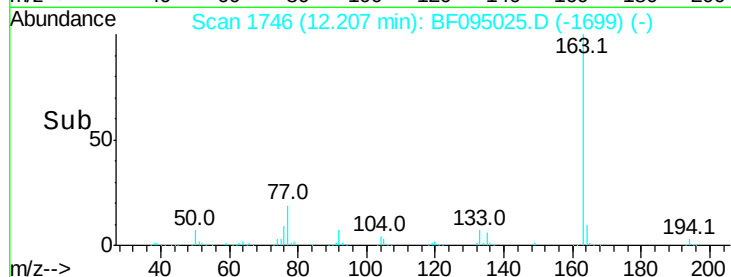
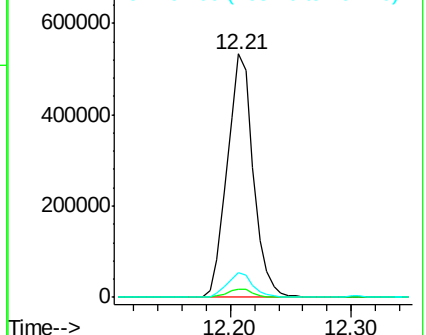
164 10.0 8.4 12.6



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: 38.27 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

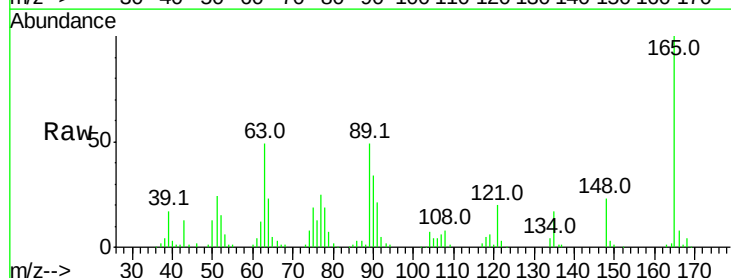
Tgt Ion:165 Resp: 164230

Ion Ratio Lower Upper

165 100

63 49.4 34.3 51.5

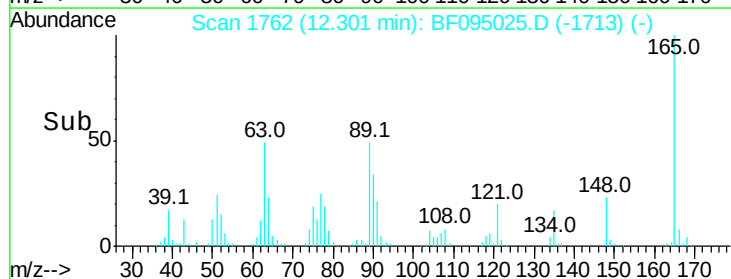
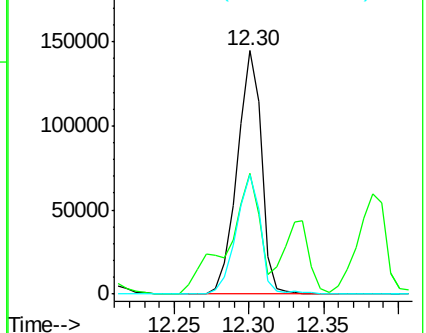
89 48.8 37.1 55.7

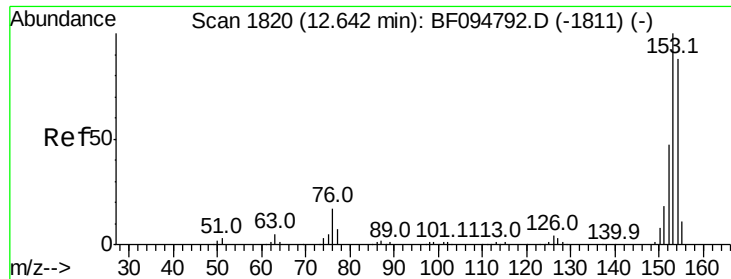


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.86 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

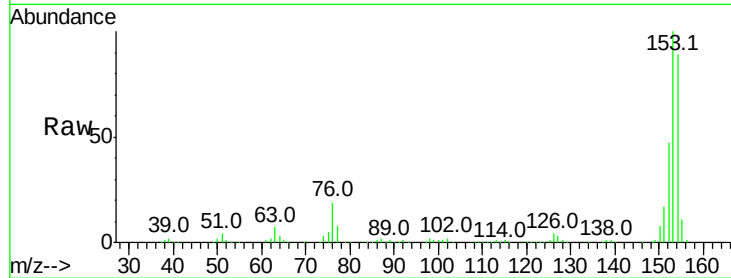
Tot Ion:154 Resp: 633357

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

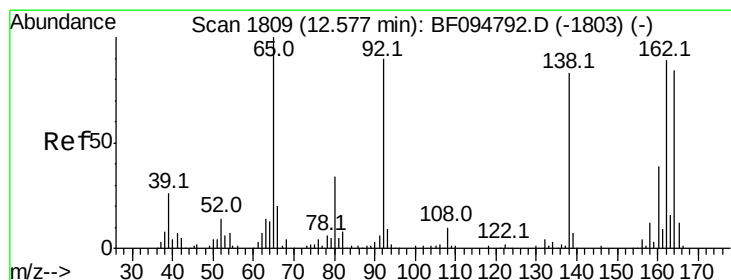
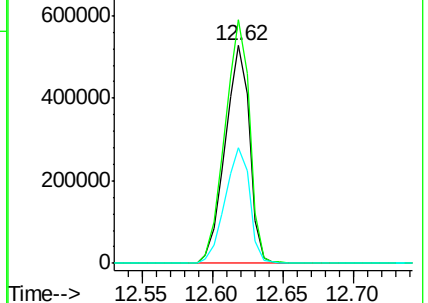
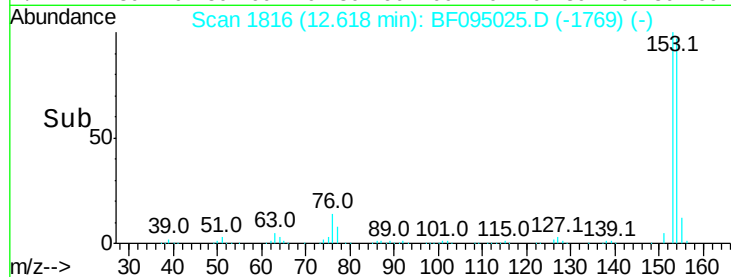
152 53.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.75 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

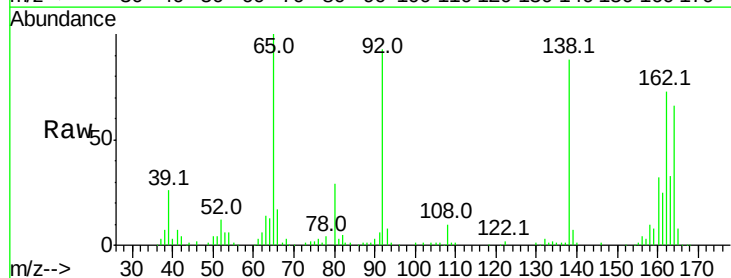
Tgt Ion:138 Resp: 183108

Ion Ratio Lower Upper

138 100

108 11.6 9.1 13.7

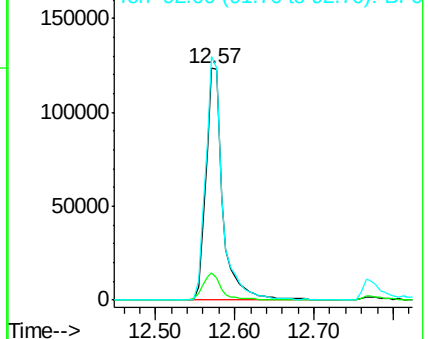
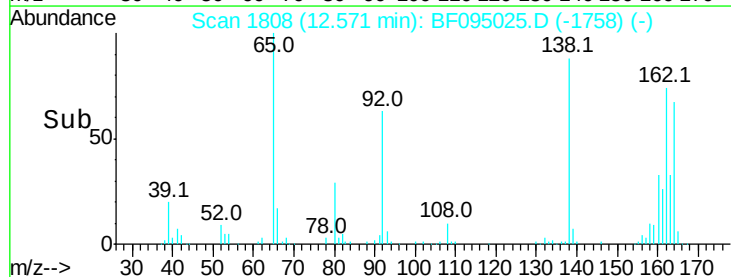
92 105.2 93.8 140.6

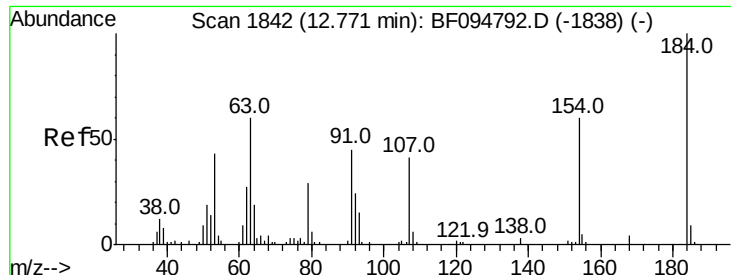


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

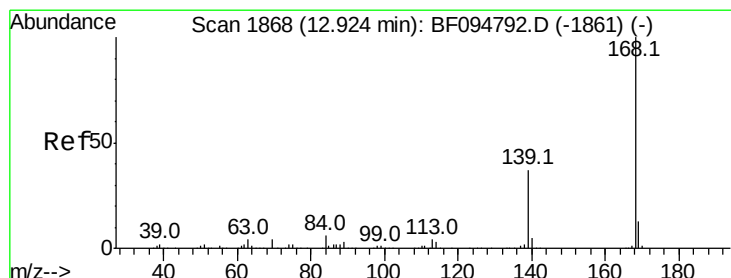
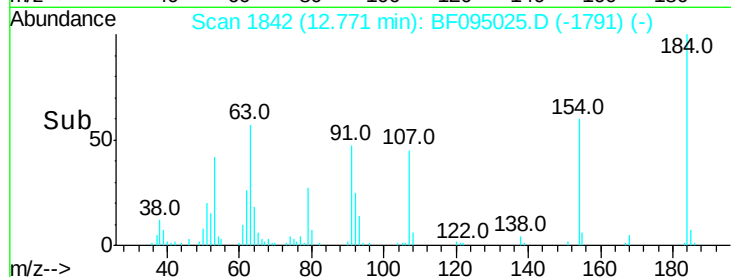
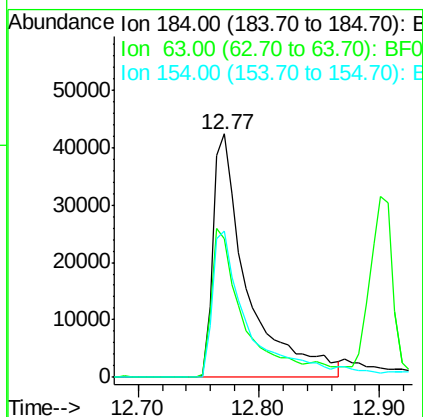
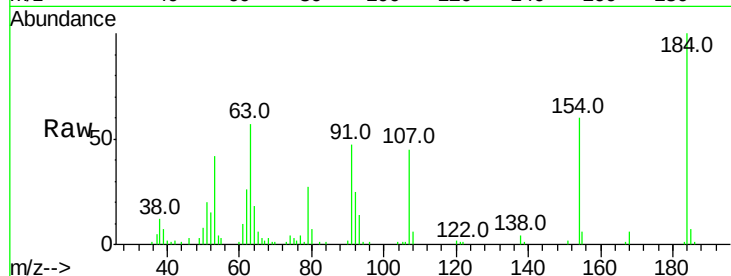




#53
 2,4-Dinitrophenol
 Concen: 38.64 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

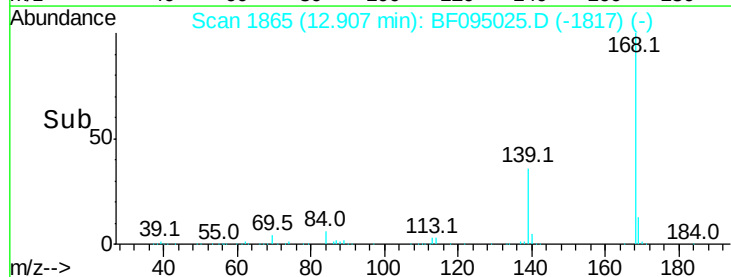
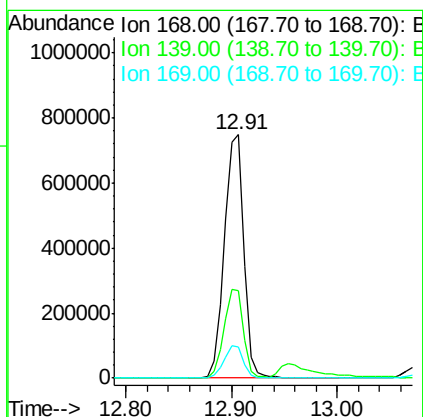
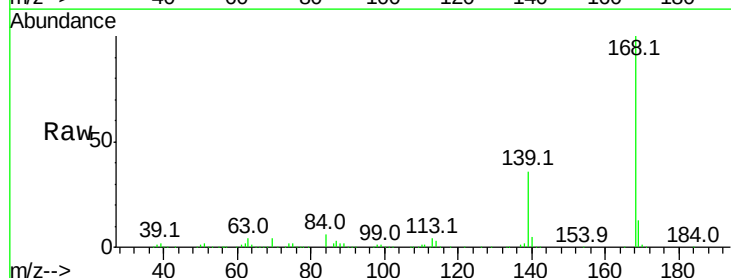
Instrument :
 BNA_F
 ClientSampleId :

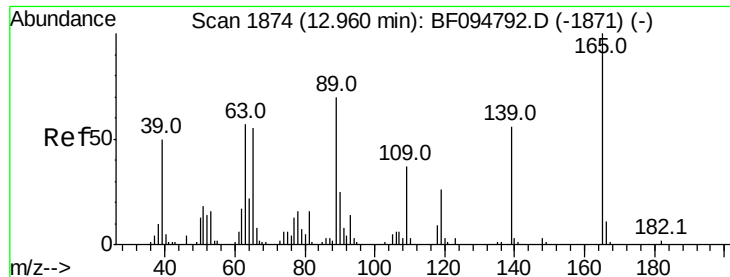
Tot Ion:184 Resp: 83070
 Ion Ratio Lower Upper
 184 100
 63 57.0 62.7 94.1#
 154 60.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.29 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:168 Resp: 953817
 Ion Ratio Lower Upper
 168 100
 139 36.0 30.6 45.8
 169 13.0 10.8 16.2

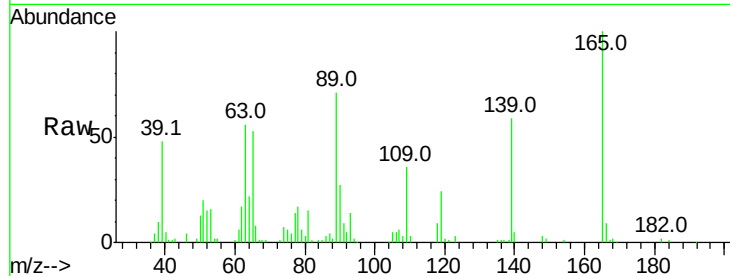




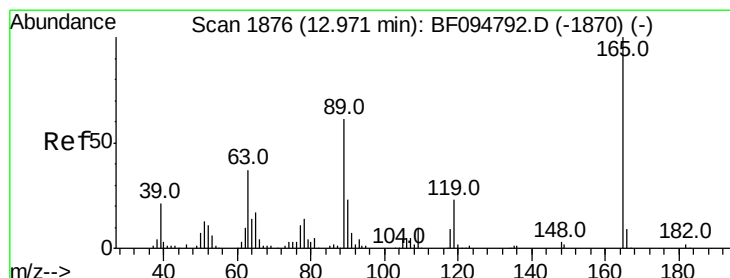
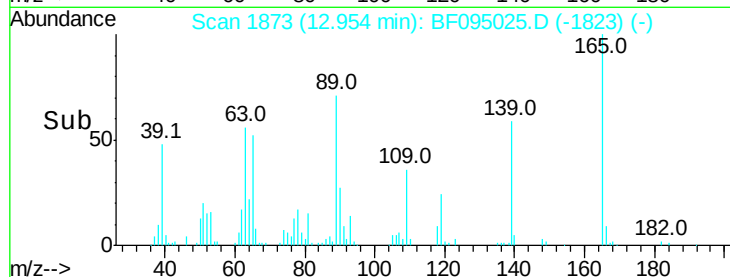
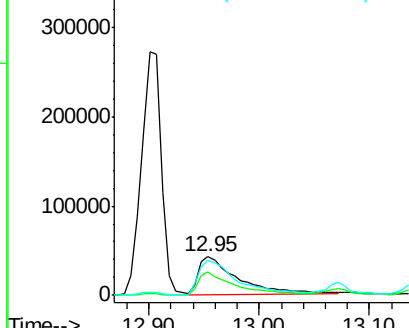
#55
4-Nitrophenol
Concen: 35.84 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 99156
Ion Ratio Lower Upper
139 100
109 60.9 34.1 74.1
65 90.5 31.4 71.4#

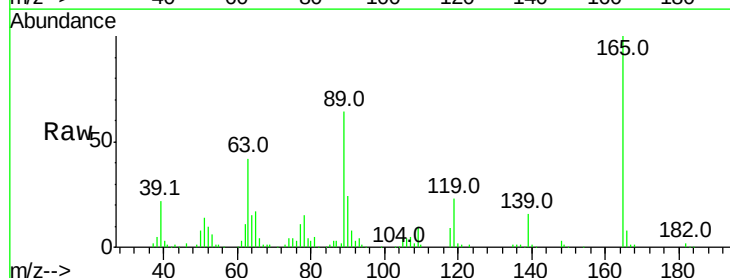


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

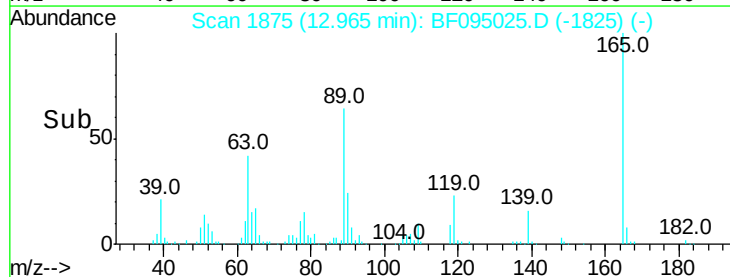
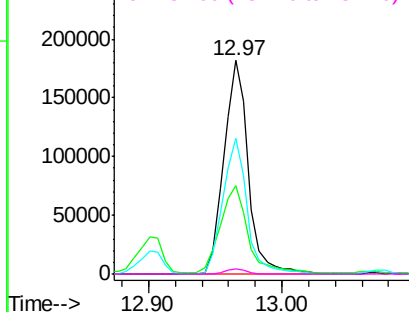


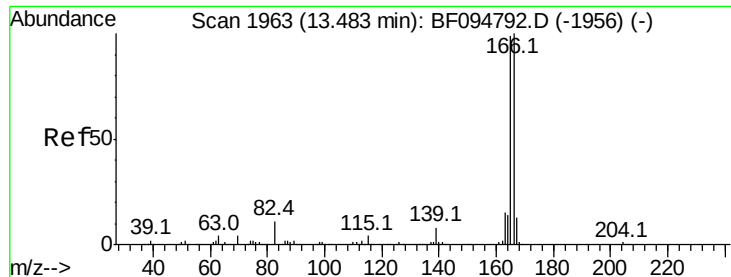
#56
2,4-Dinitrotoluene
Concen: 42.39 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion:165 Resp: 233761
Ion Ratio Lower Upper
165 100
63 41.6 25.4 38.0#
89 63.5 46.4 69.6
182 2.4 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

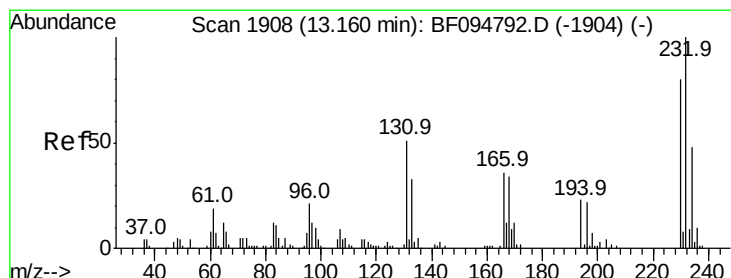
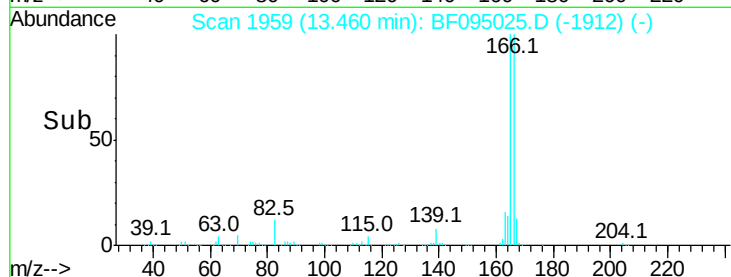
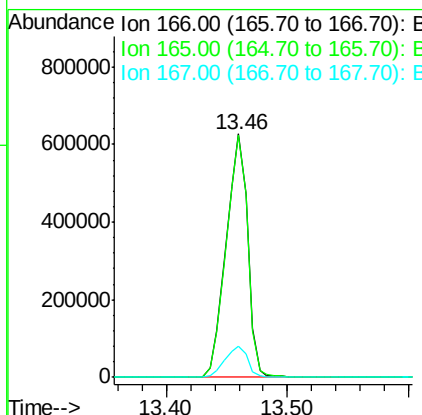
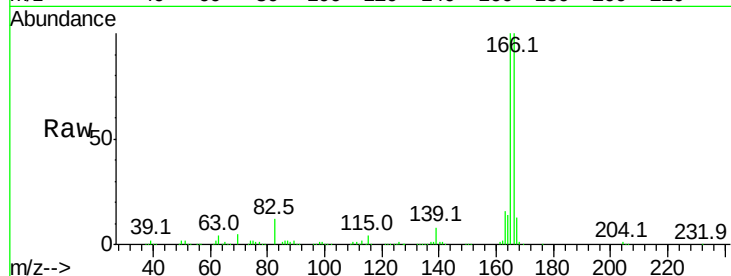




#57
 Fluorene
 Concen: 39.67 ng
 RT: 13.46 min Scan# 1959
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

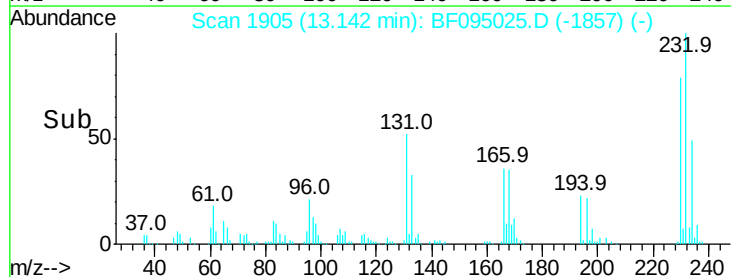
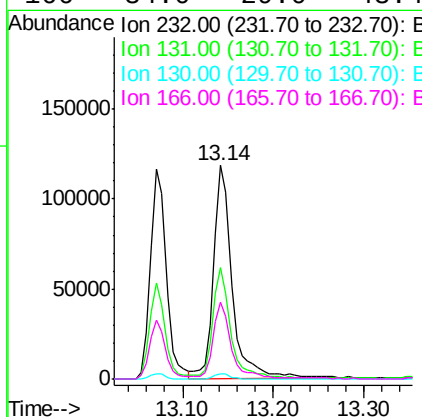
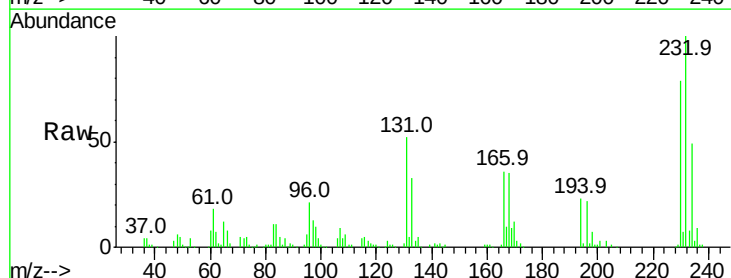
Instrument :
 BNA_F
 ClientSampleId :

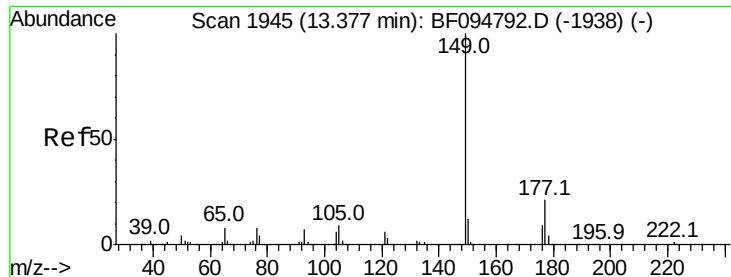
Tot Ion:166 Resp: 778077
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.8 118.2
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.42 ng
 RT: 13.14 min Scan# 1905
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:232 Resp: 168776
 Ion Ratio Lower Upper
 232 100
 131 49.1 44.8 67.2
 130 2.3 2.3 3.5
 166 34.0 29.0 43.4

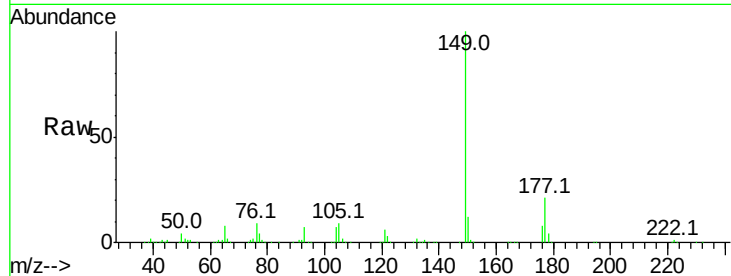




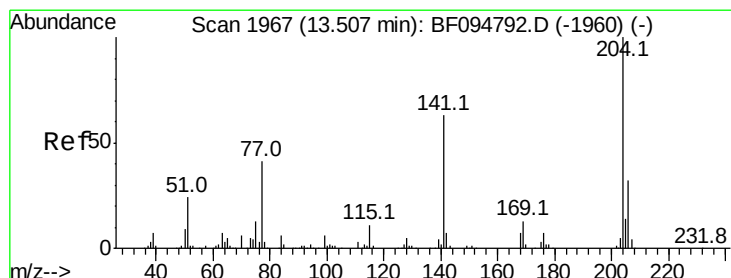
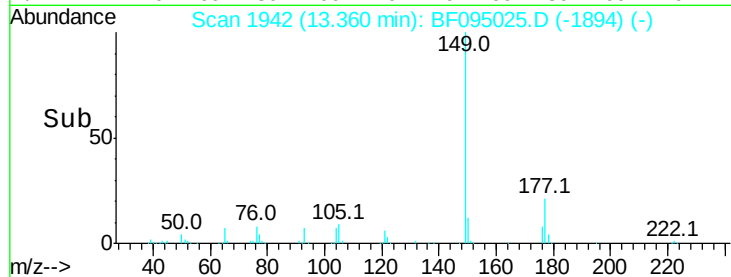
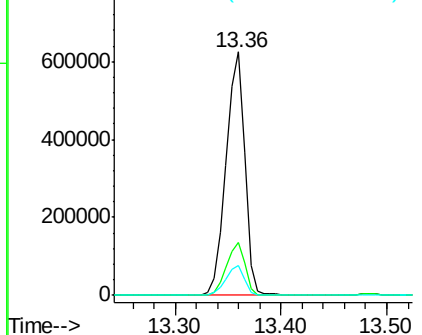
#59
Diethylphthalate
Concen: 38.18 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.4	10.2	15.2

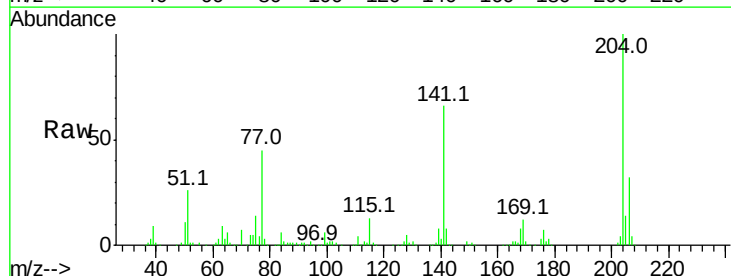


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

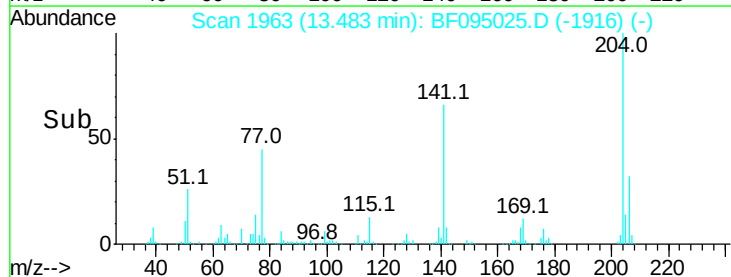
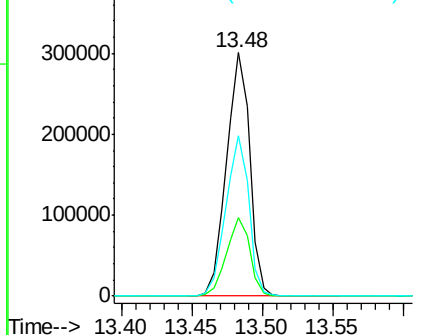


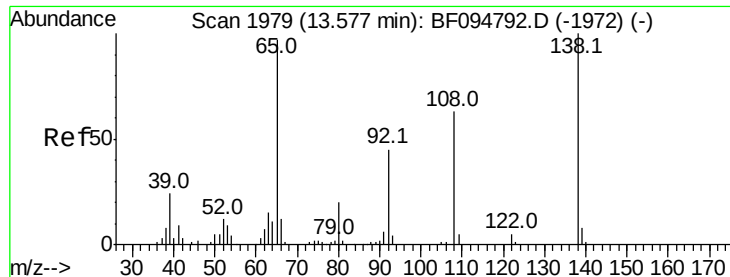
#60
4-Chlorophenyl-phenylether
Concen: 40.03 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

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



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

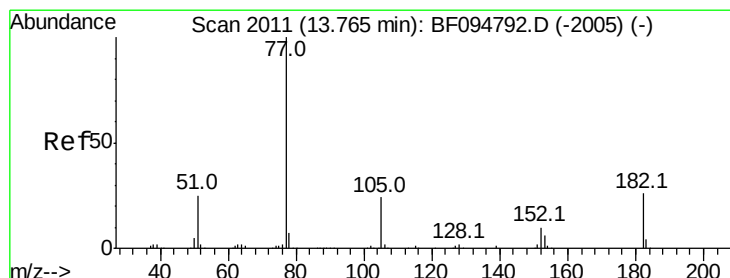
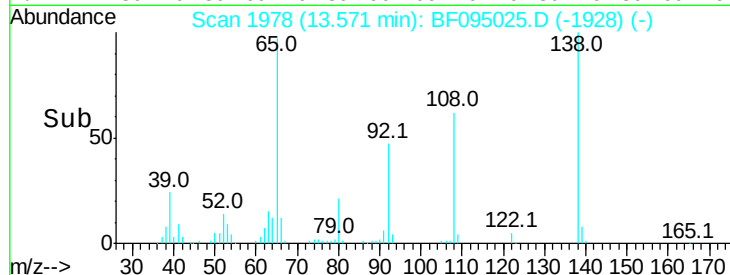
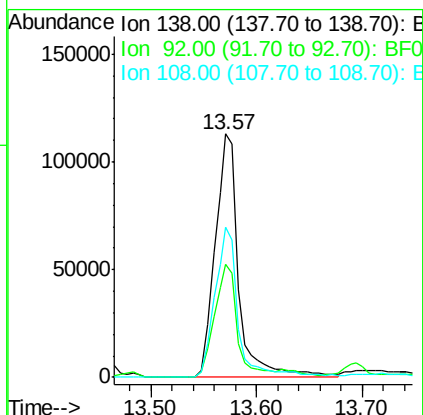
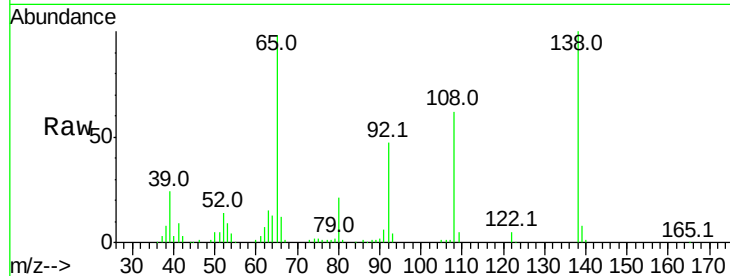




#61
4-Nitroaniline
Concen: 42.07 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

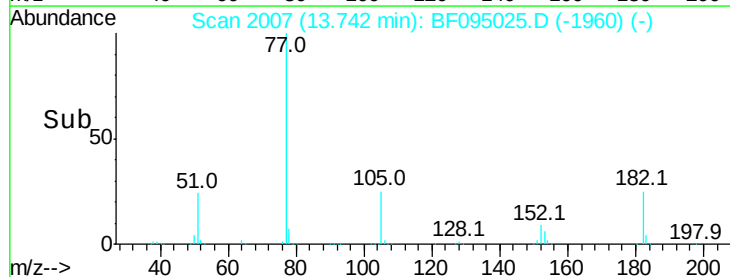
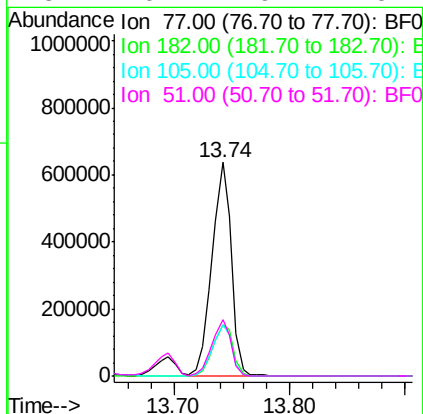
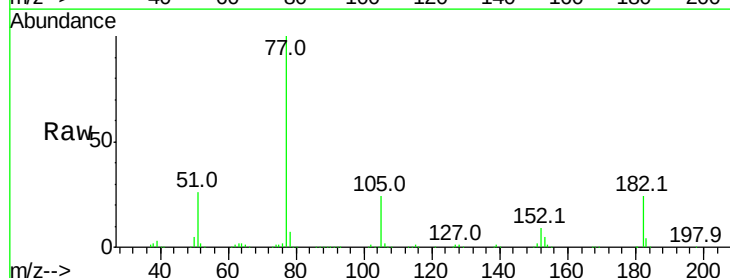
Instrument :
BNA_F
ClientSampled :

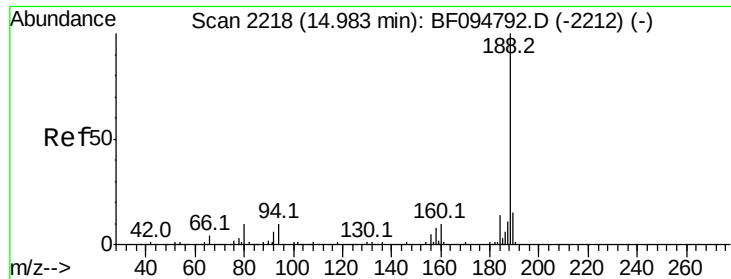
Tot Ion:138 Resp: 177910
Ion Ratio Lower Upper
138 100
92 46.5 21.8 61.8
108 61.8 42.3 82.3



#62
Azobenzene
Concen: 45.67 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion: 77 Resp: 740043
Ion Ratio Lower Upper
77 100
182 23.8 0.1 40.1
105 24.0 3.6 43.6
51 26.4 9.4 49.4

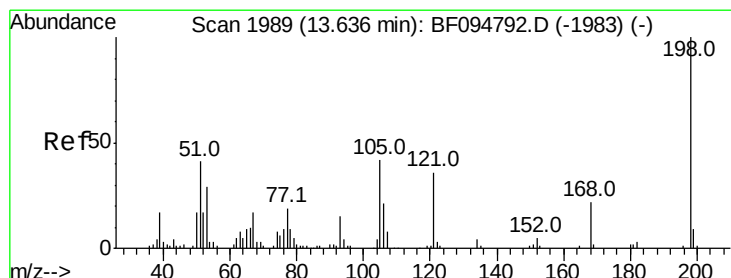
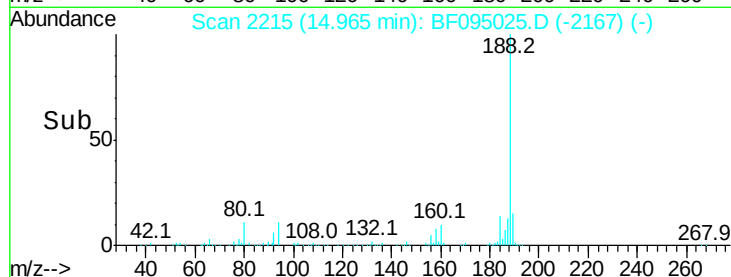
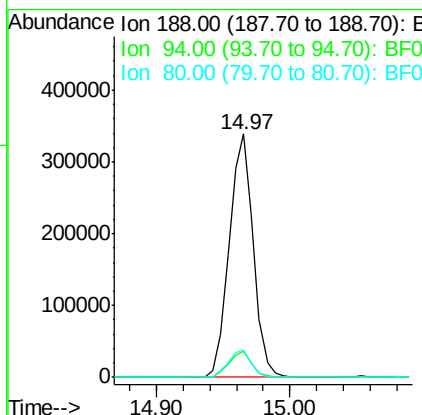
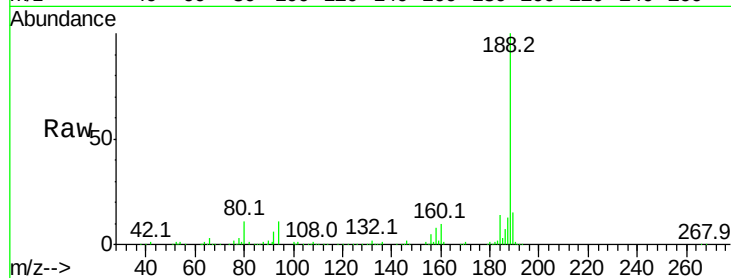




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

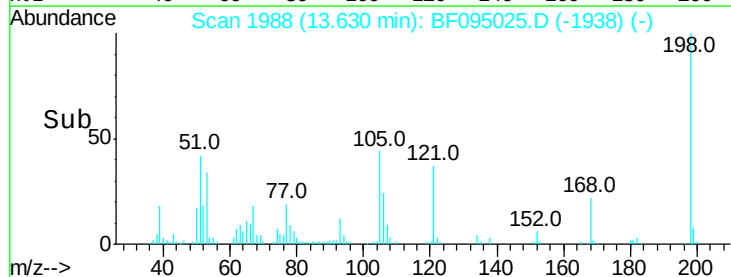
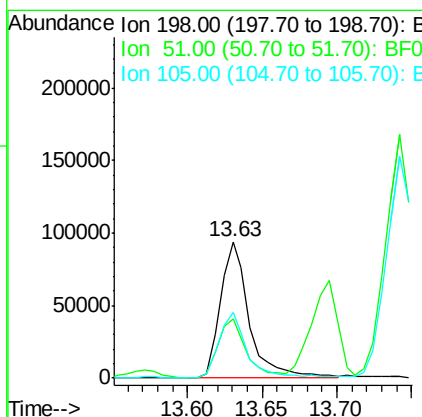
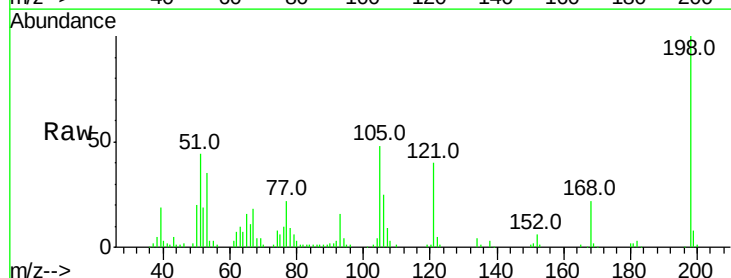
Instrument :
 BNA_F
 ClientSampleId :

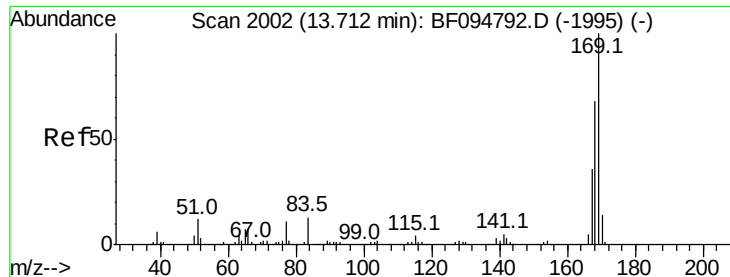
Tot Ion:188 Resp: 428629
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.2 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.59 ng
 RT: 13.63 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:198 Resp: 128138
 Ion Ratio Lower Upper
 198 100
 51 43.7 53.2 93.2#
 105 48.4 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 42.53 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

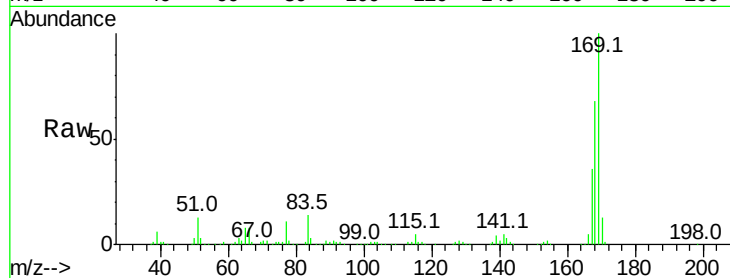
Tot Ion:169 Resp: 661573

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

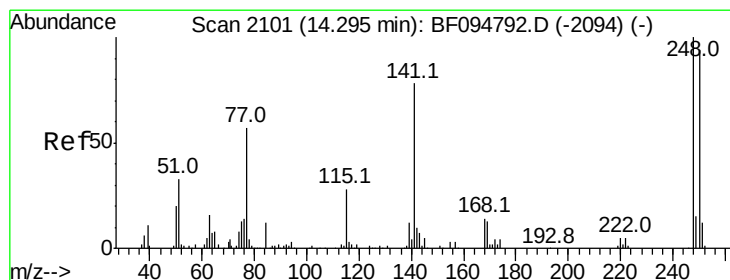
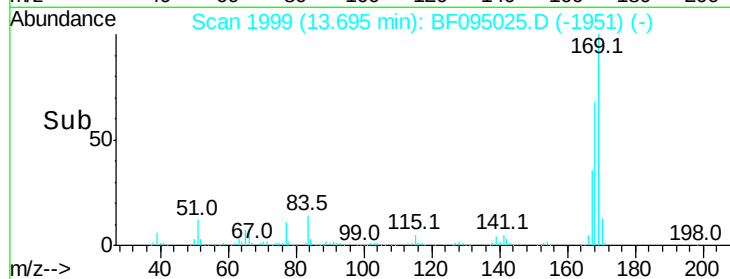
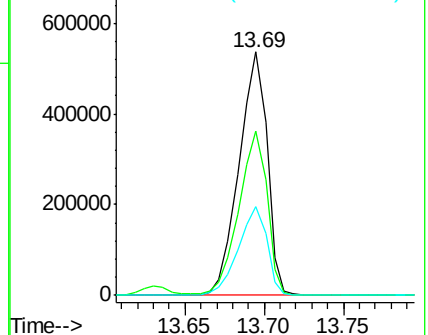
167 36.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.63 ng

RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

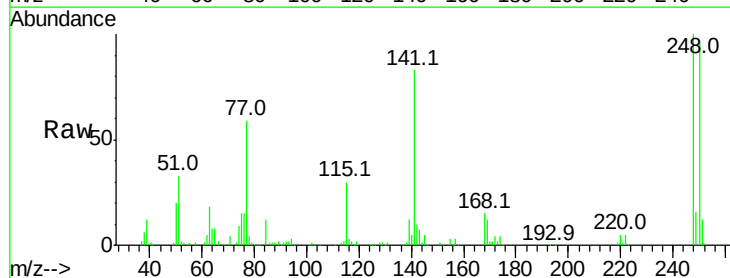
Tgt Ion:248 Resp: 170392

Ion Ratio Lower Upper

248 100

250 96.4 76.8 115.2

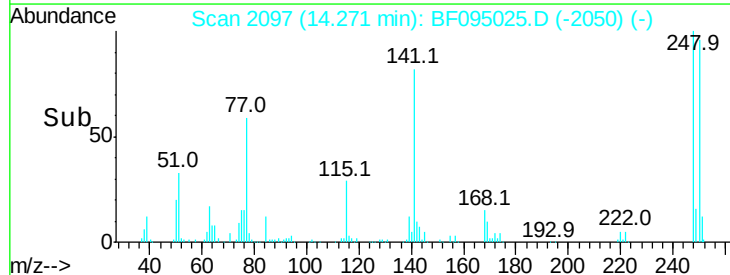
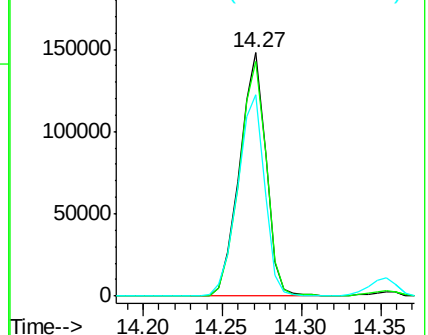
141 82.9 68.6 103.0

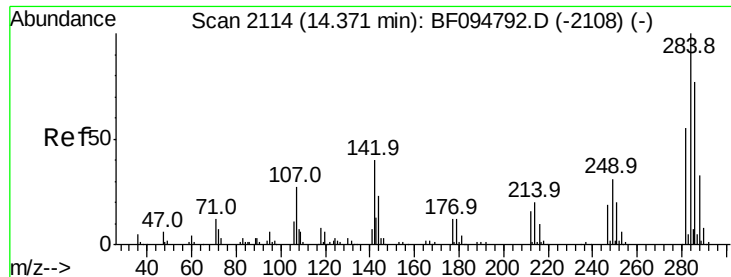


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.63 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

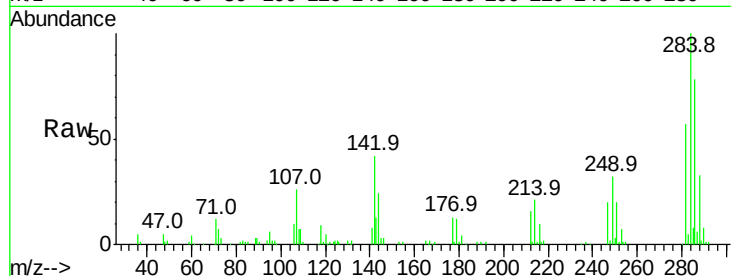
Tot Ion:284 Resp: 170002

Ion Ratio Lower Upper

284 100

142 42.4 22.8 34.2#

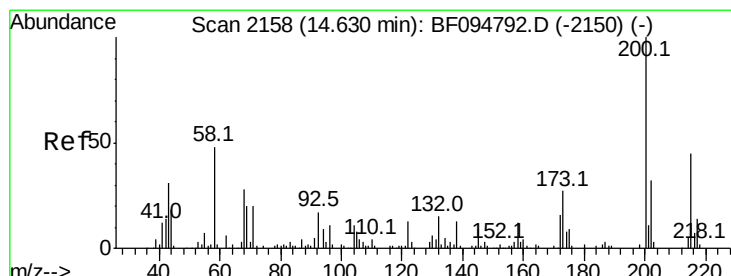
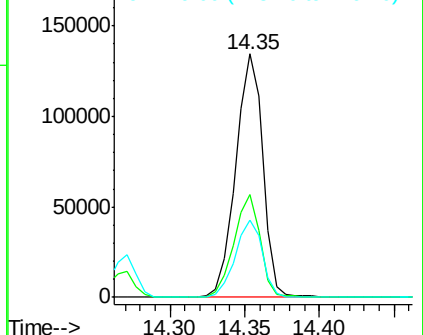
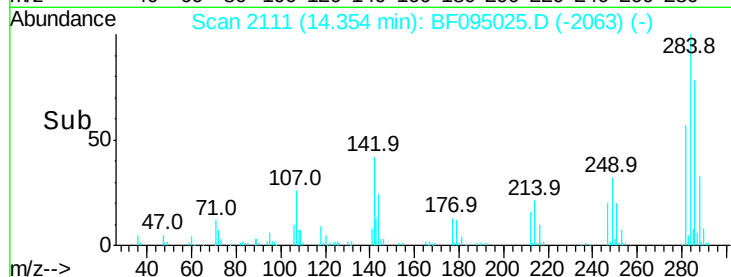
249 31.9 24.0 36.0



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: 38.64 ng

RT: 14.61 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

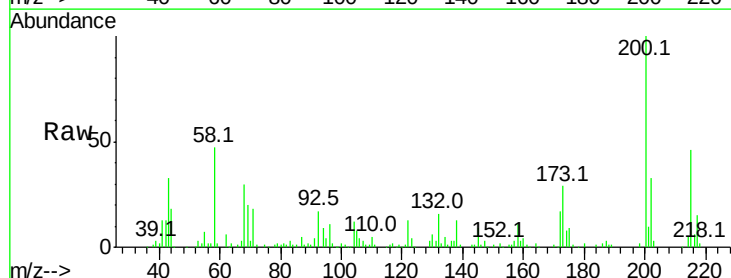
Tgt Ion:200 Resp: 169699

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

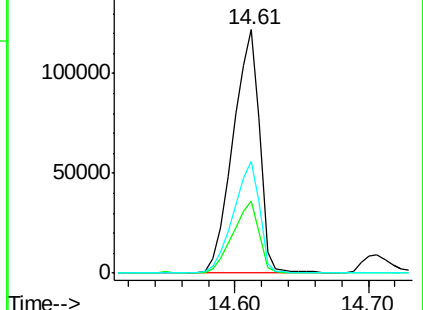
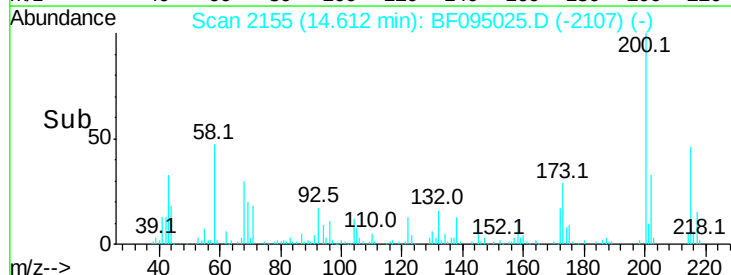
215 46.0 27.2 67.2

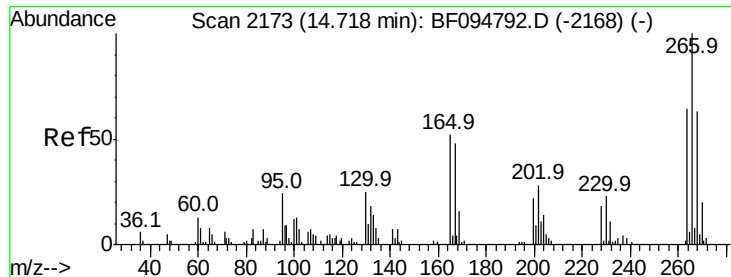


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

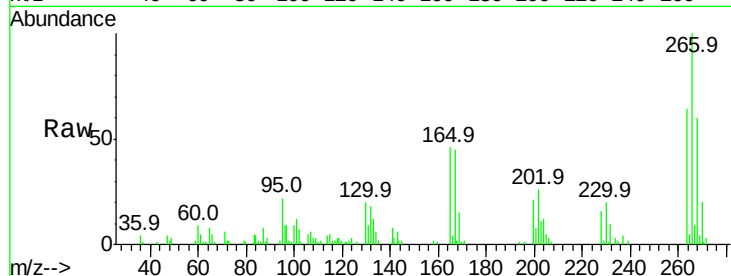




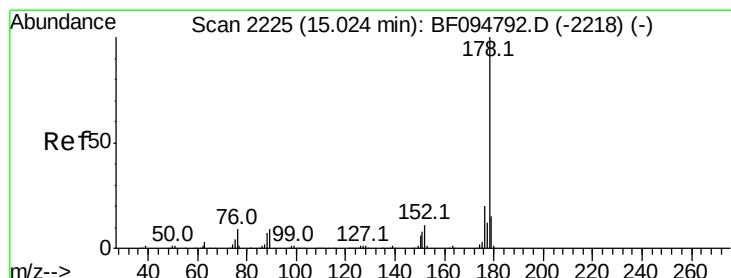
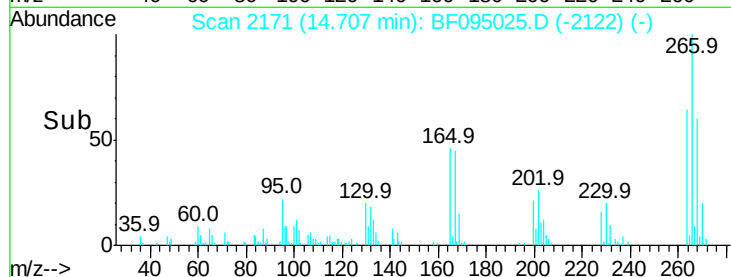
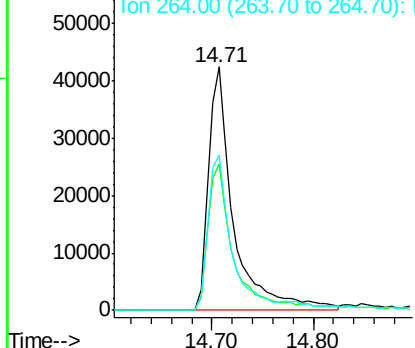
#69
 Pentachlorophenol
 Concen: 37.96 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 72671
 Ion Ratio Lower Upper
 266 100
 268 60.1 51.1 76.7
 264 63.6 51.7 77.5

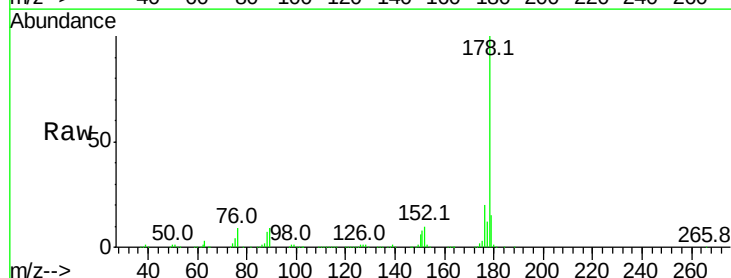


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

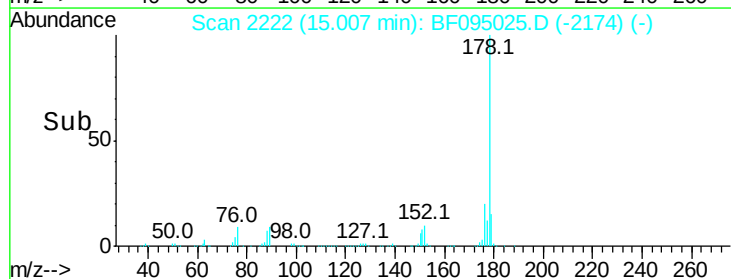
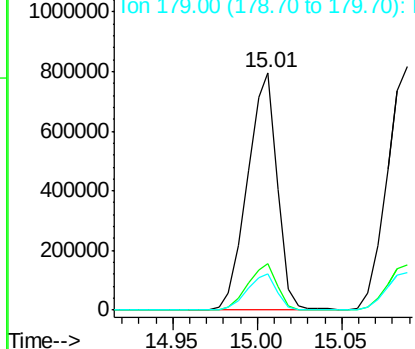


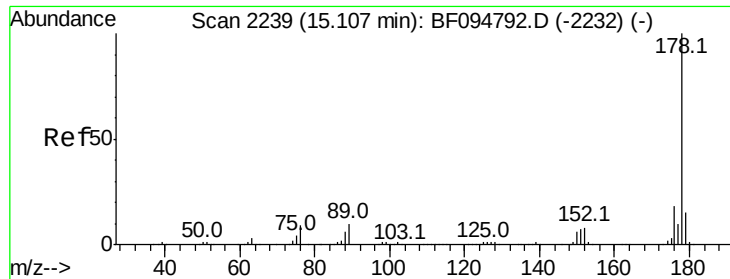
#70
 Phenanthrene
 Concen: 39.74 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:178 Resp: 978700
 Ion Ratio Lower Upper
 178 100
 176 19.7 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

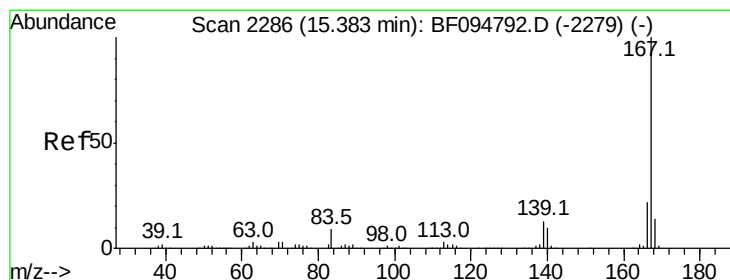
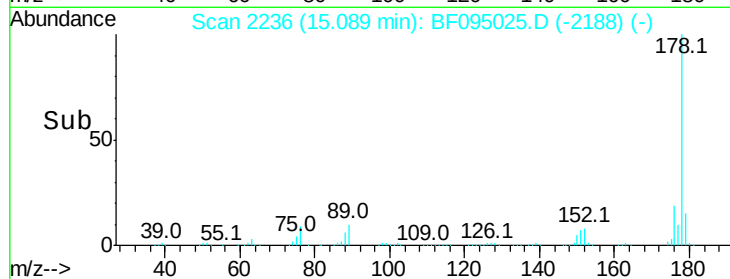
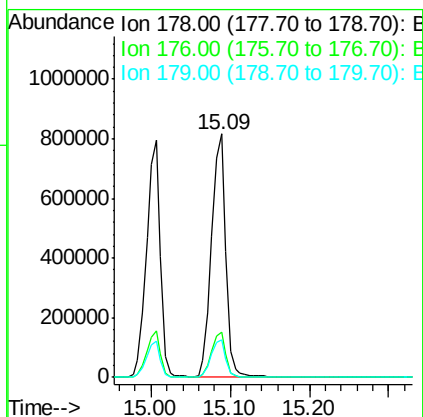
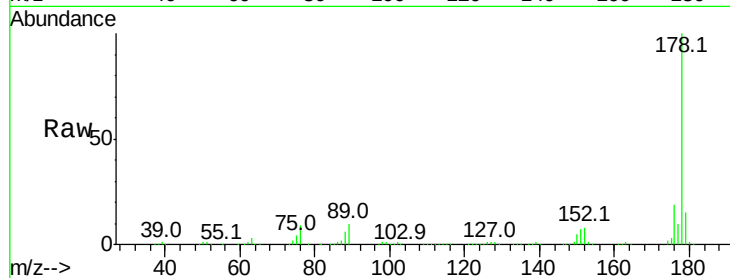




#71
 Anthracene
 Concen: 40.79 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

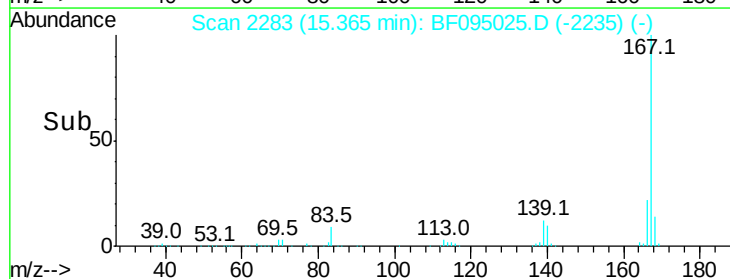
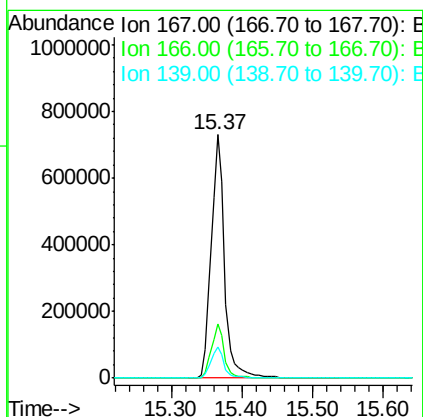
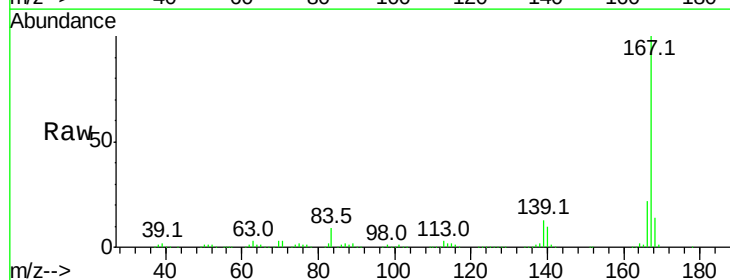
Instrument :
 BNA_F
 ClientSampled :

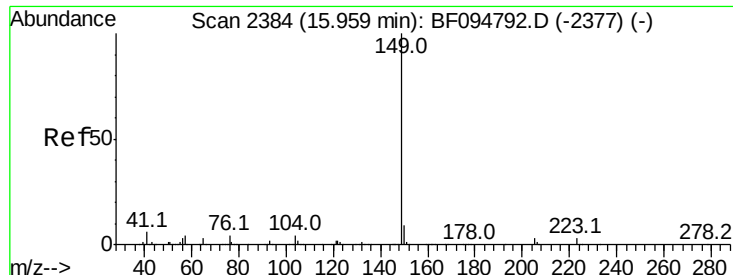
Tot Ion:178 Resp: 1026063
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 42.27 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:167 Resp: 967431
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.0 11.7 17.5

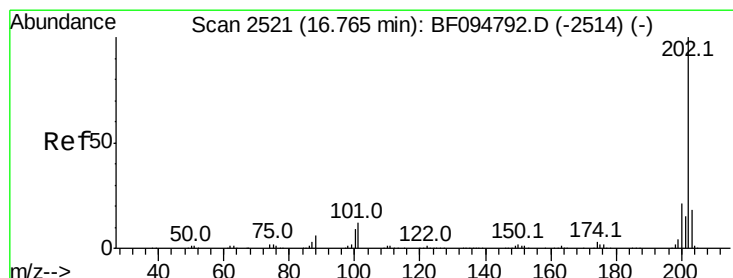
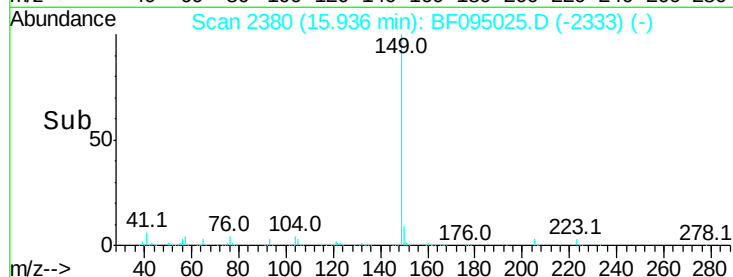
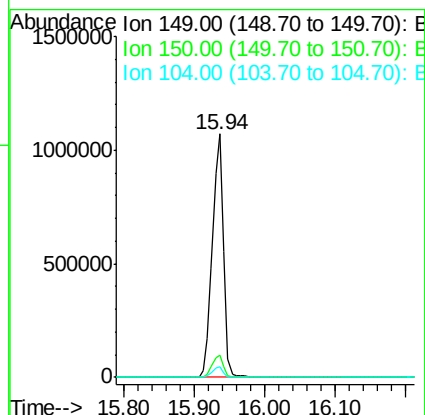
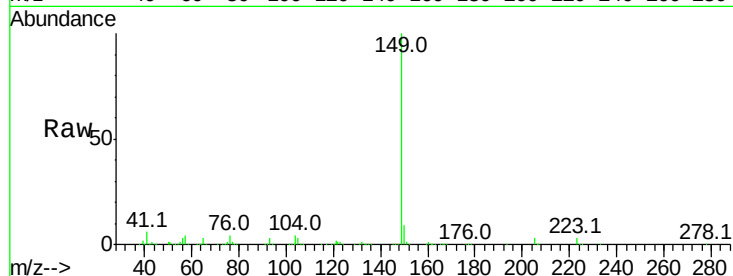




#73
Di-n-butylphthalate
Concen: 41.38 ng
RT: 15.94 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

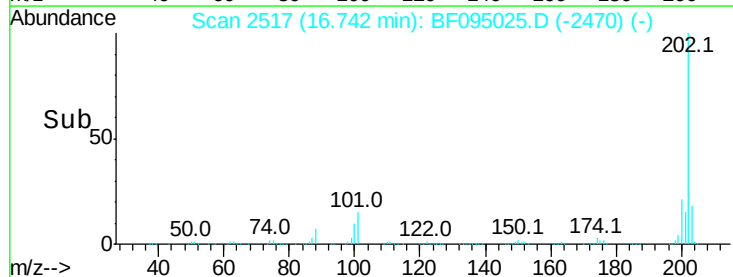
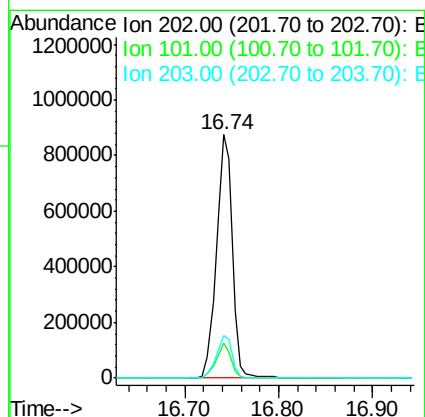
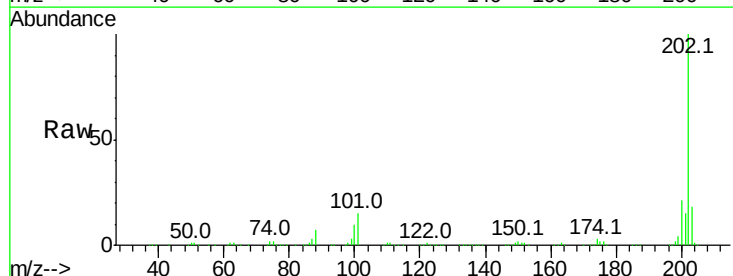
Instrument :
BNA_F
ClientSampled :

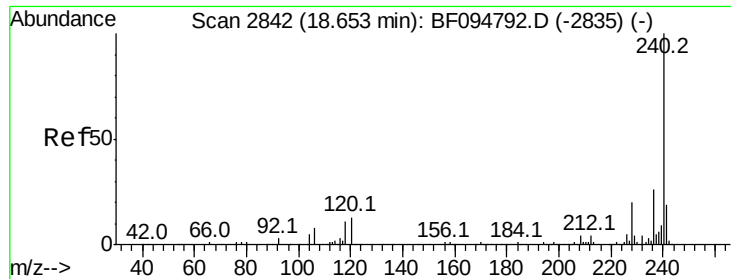
Tot Ion:149 Resp: 1181254
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 41.44 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion:202 Resp: 1047005
Ion Ratio Lower Upper
202 100
101 14.5 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampled :

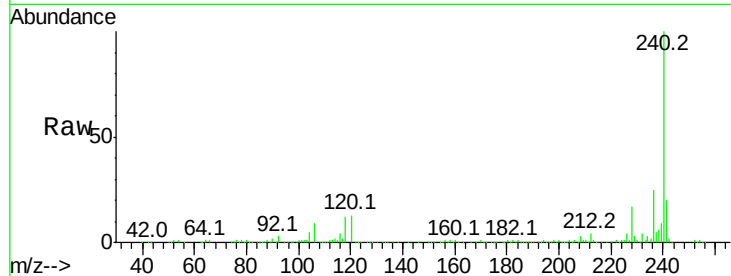
Tot Ion:240 Resp: 340631

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

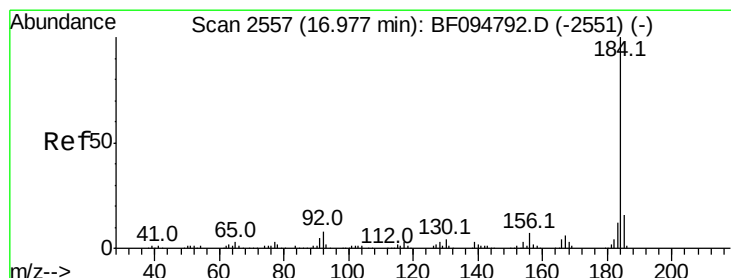
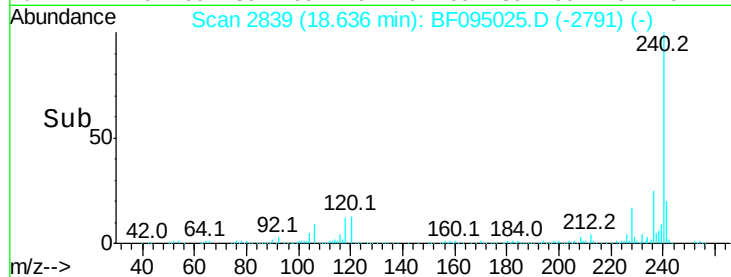
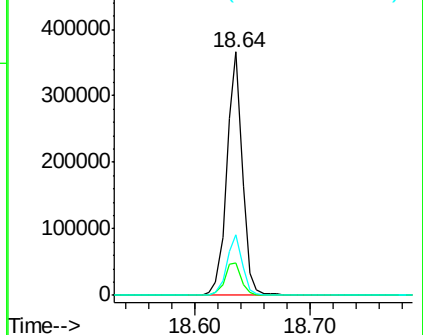
236 25.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.89 ng

RT: 16.96 min Scan# 2554

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

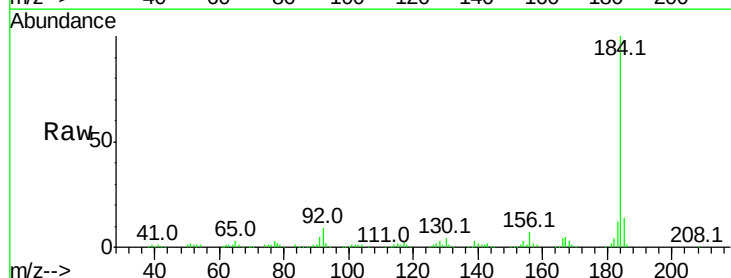
Tgt Ion:184 Resp: 366320

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

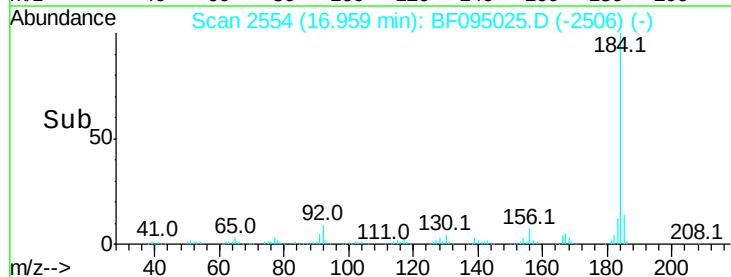
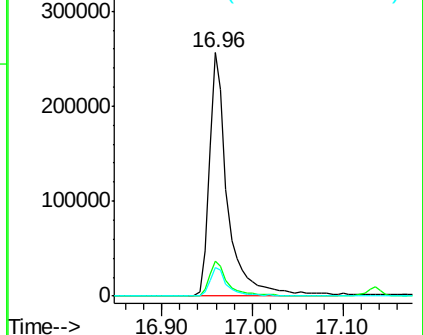
183 11.9 9.8 14.6

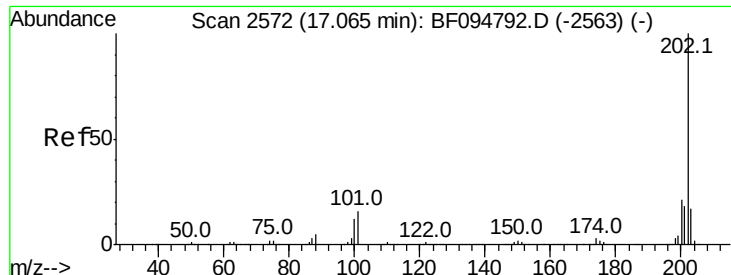


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.00 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampled :

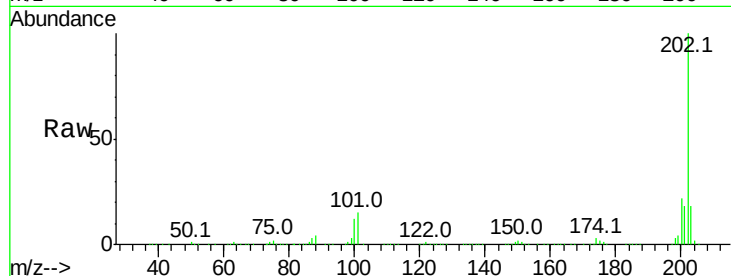
Tot Ion:202 Resp: 1044508

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

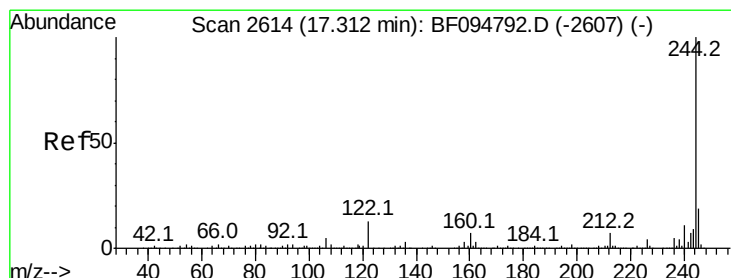
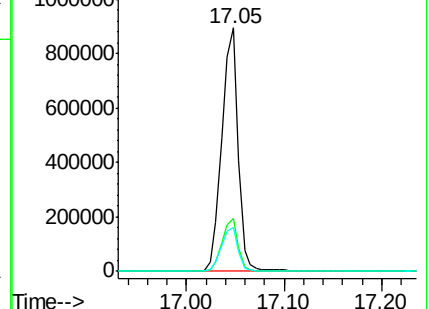
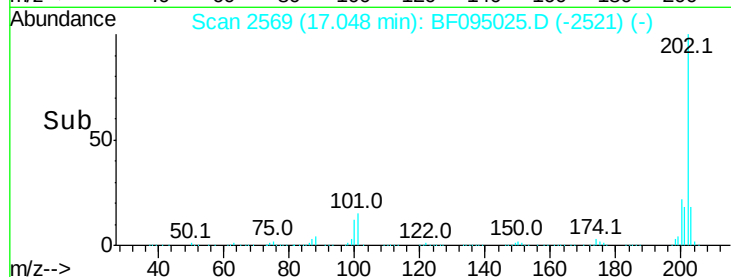
203 18.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.14 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

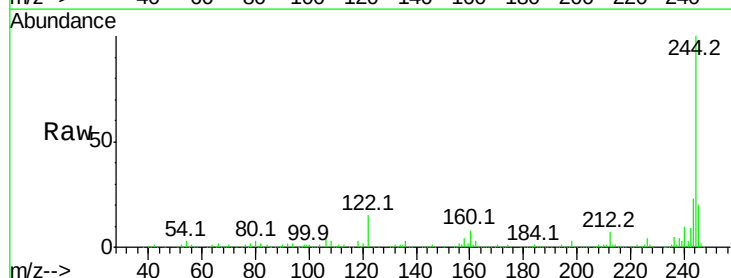
Tgt Ion:244 Resp: 1069314

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

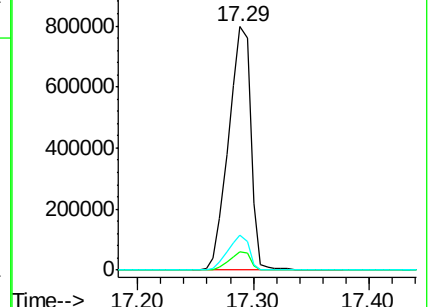
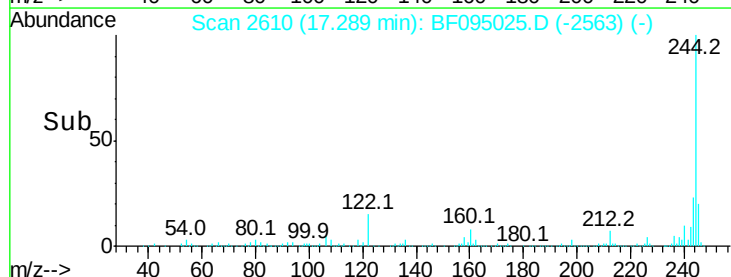
122 14.5 10.3 15.5

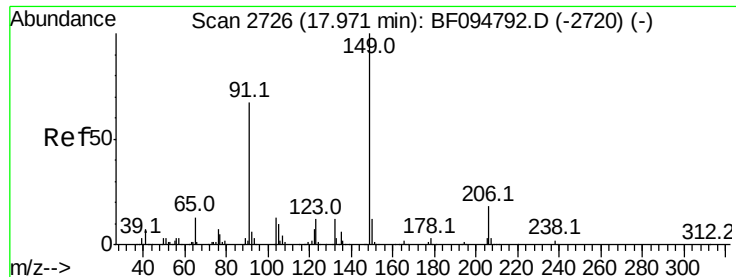


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.70 ng

RT: 17.95 min Scan# 2722

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

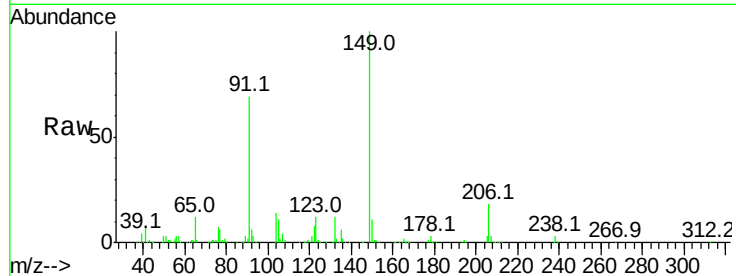
Tot Ion:149 Resp: 482219

Ion Ratio Lower Upper

149 100

91 68.7 45.0 67.4#

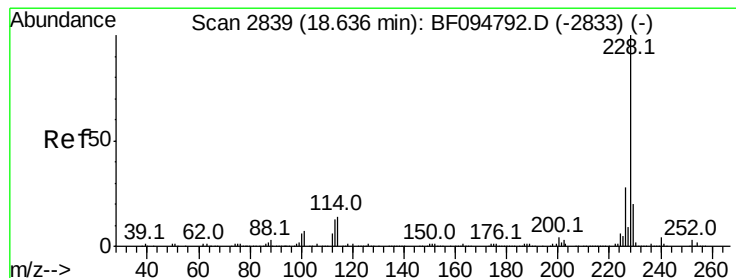
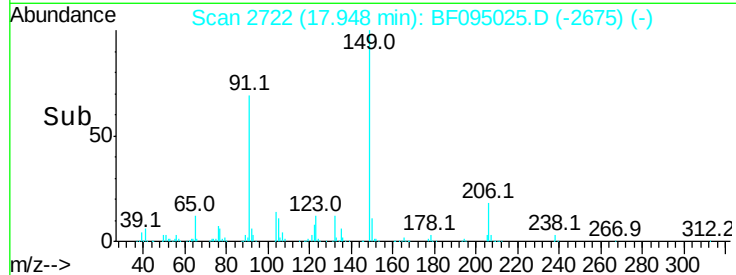
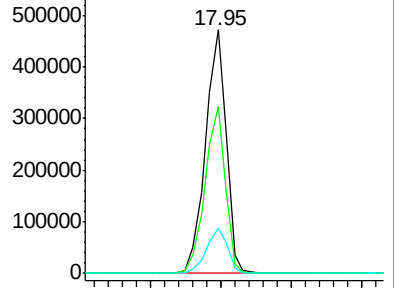
206 18.4 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.13 ng

RT: 18.62 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

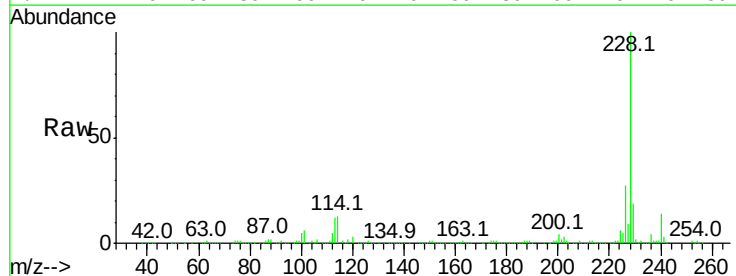
Tgt Ion:228 Resp: 795628

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

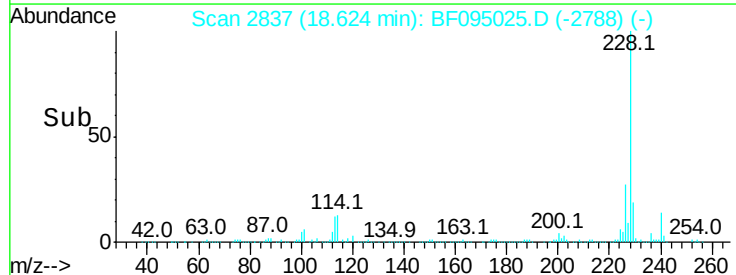
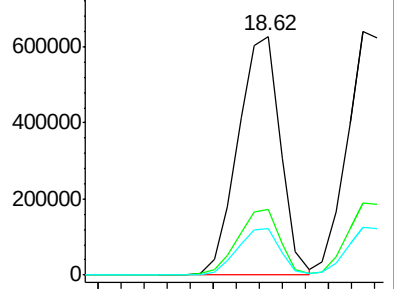
229 19.4 16.3 24.5

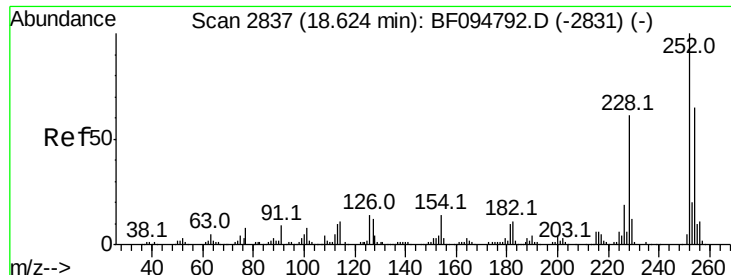


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

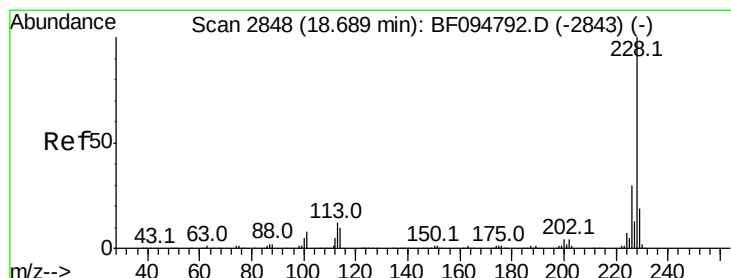
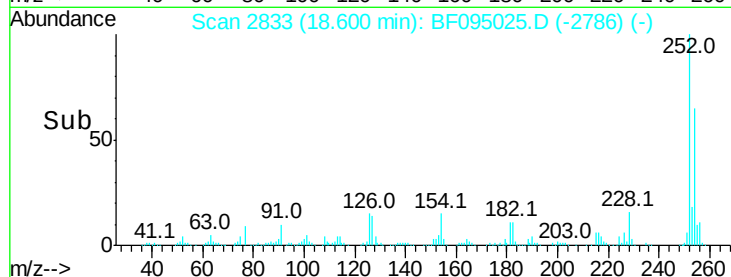
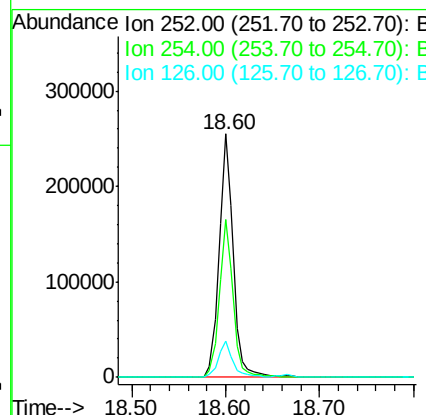
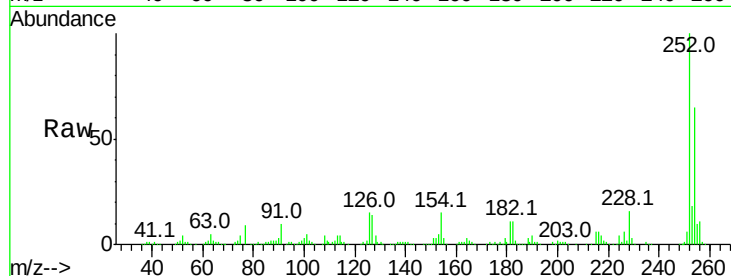




#81
 3,3'-Dichlorobenzidine
 Concen: 39.84 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

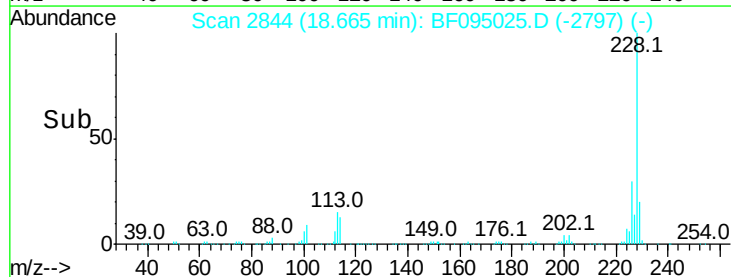
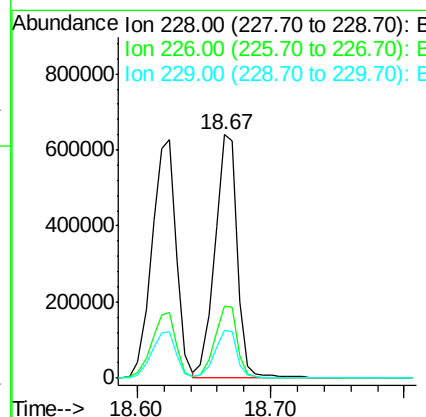
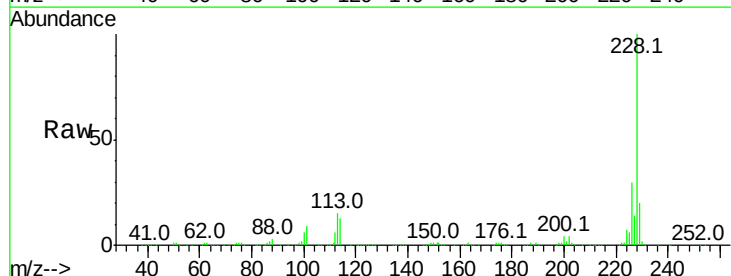
Instrument :
 BNA_F
 ClientSampleId :

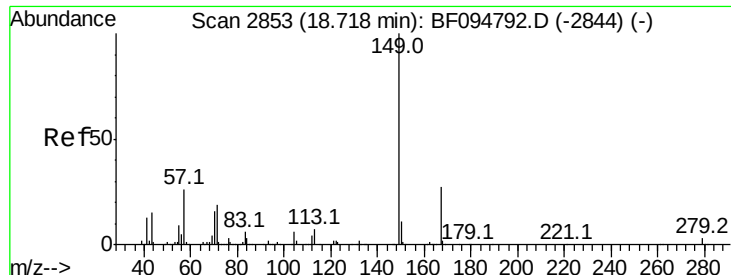
Tot Ion:252 Resp: 272815
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 14.7 15.8 23.8#



#82
 Chrysene
 Concen: 39.13 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:228 Resp: 750163
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 19.6 15.8 23.6

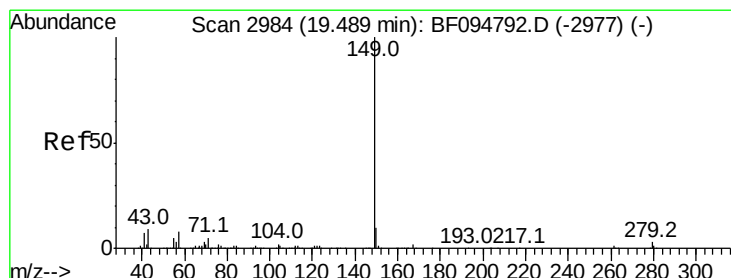
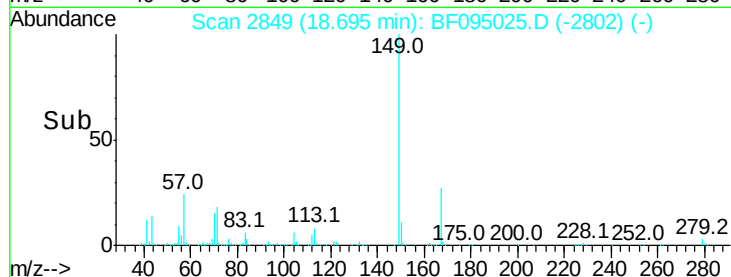
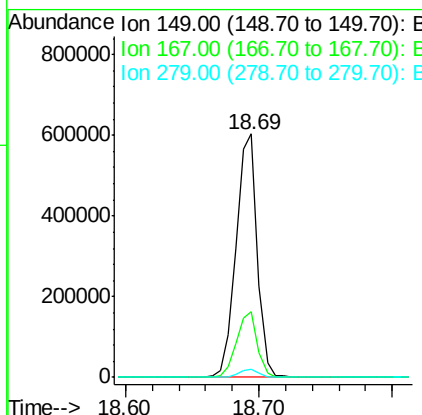
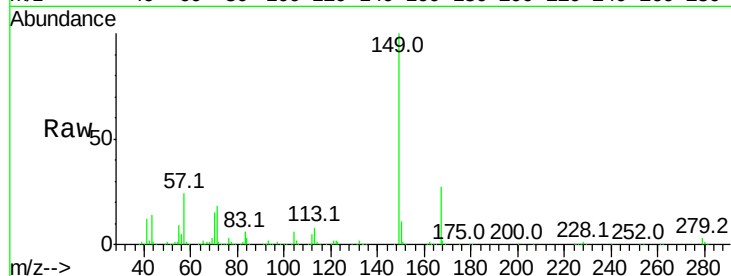




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.64 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

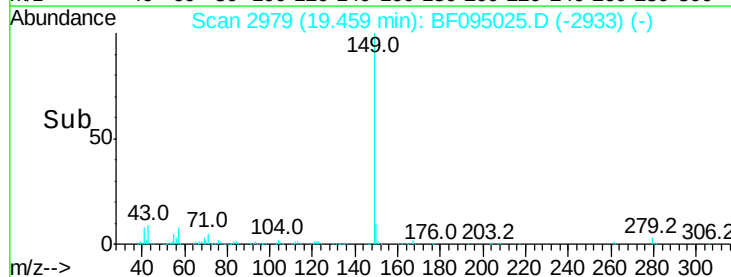
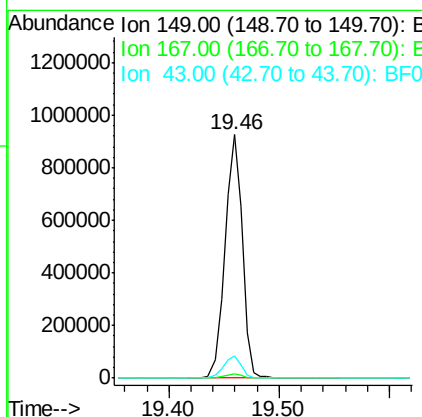
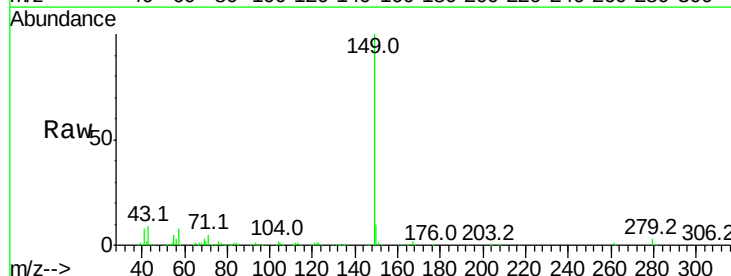
Instrument :
 BNA_F
 ClientSampleId :

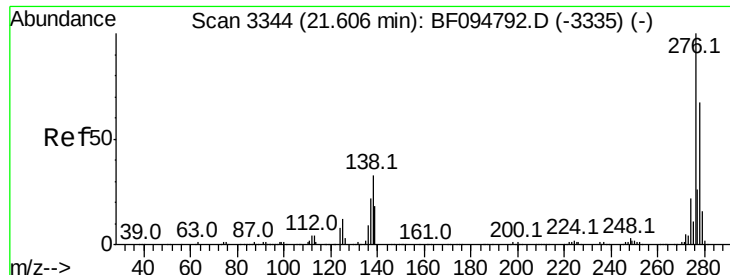
Tot Ion:149 Resp: 669225
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 36.75 ng
 RT: 19.46 min Scan# 2979
 Delta R.T. -0.03 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:149 Resp: 1017116
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.4 8.5 12.7

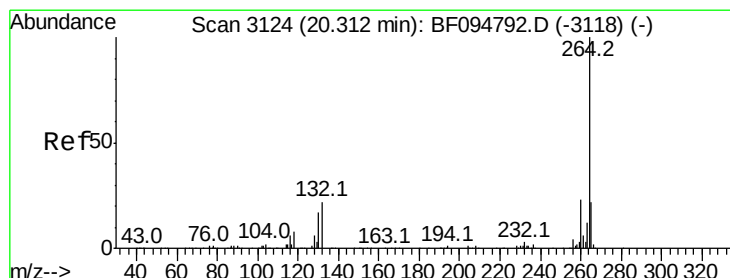
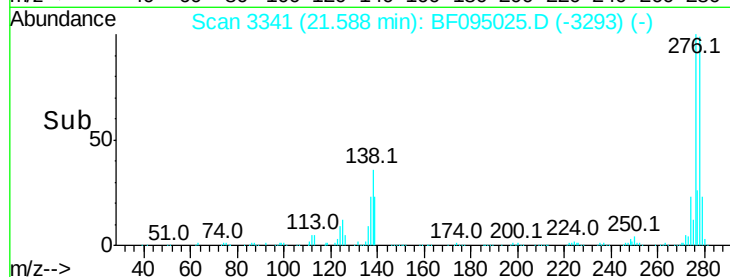
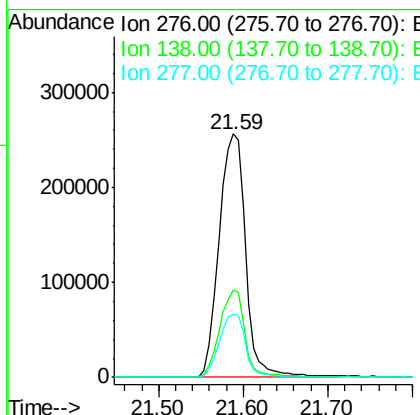
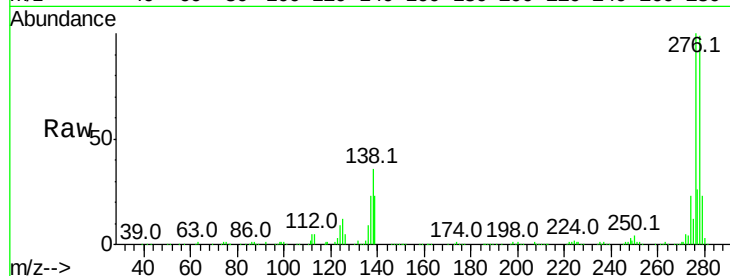




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.08 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

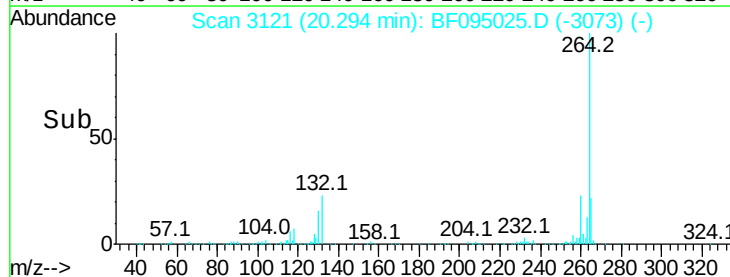
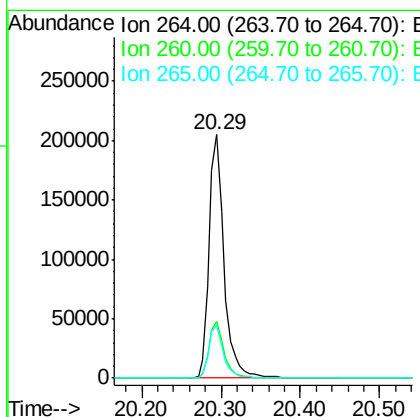
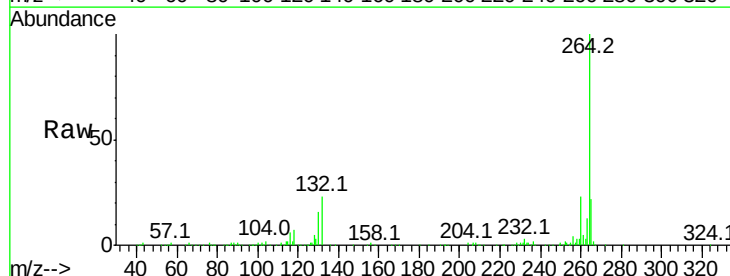
Instrument :
 BNA_F
 ClientSampleId :

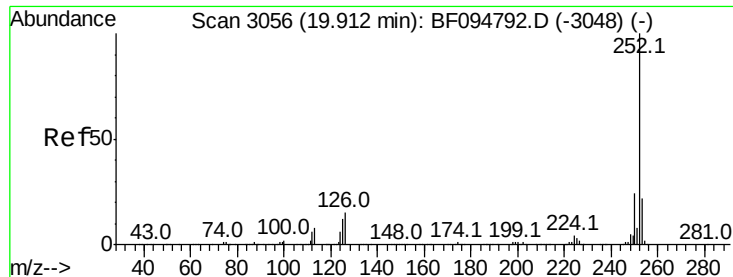
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.5	17.2	25.8

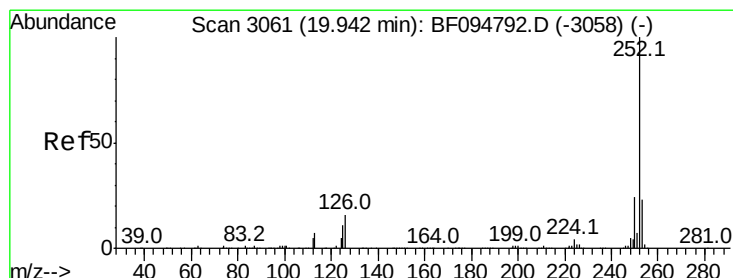
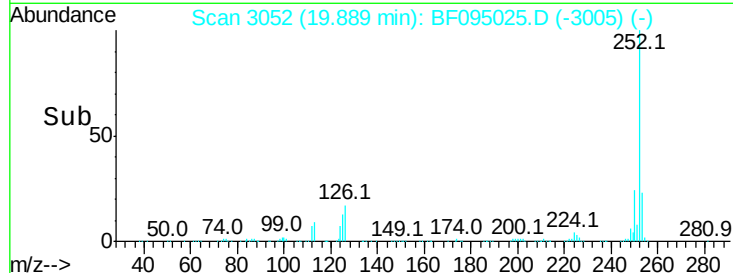
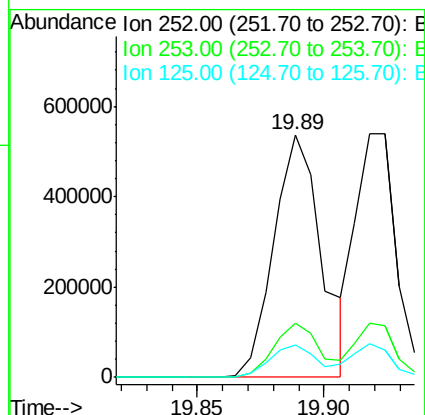
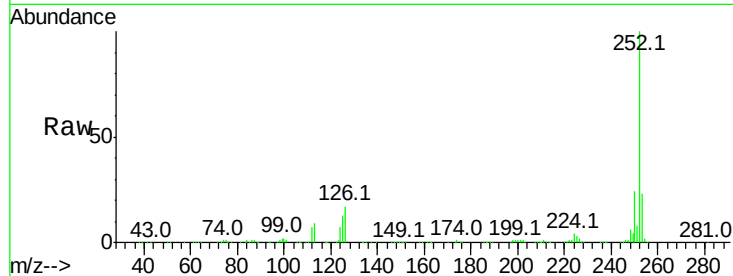




#87
Benzo(b)fluoranthene
Concen: 42.14 ng
RT: 19.89 min Scan# 3052
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

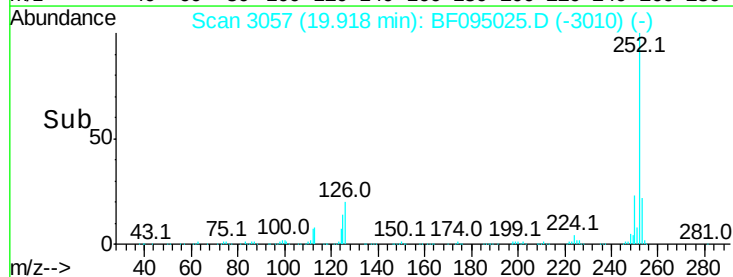
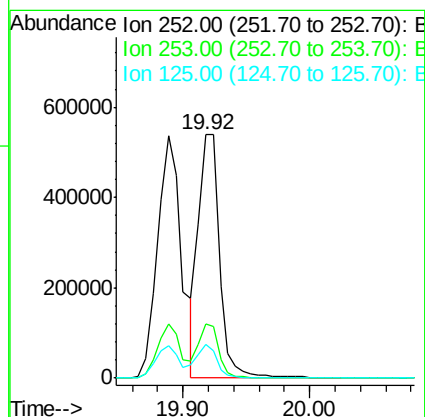
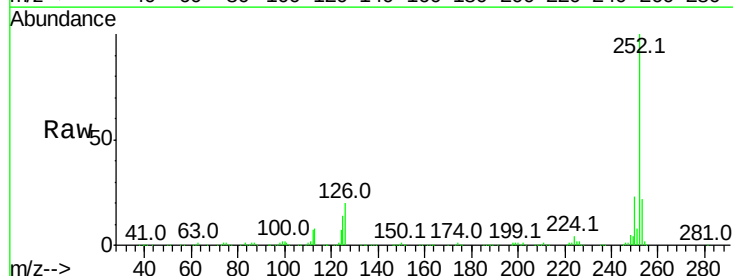
Instrument :
BNA_F
ClientSampleId :

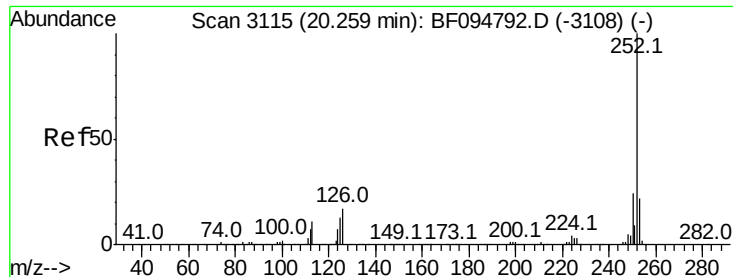
Tot Ion:252 Resp: 700471
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 13.3 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 38.44 ng
RT: 19.92 min Scan# 3057
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion:252 Resp: 616362
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 13.9 13.1 19.7

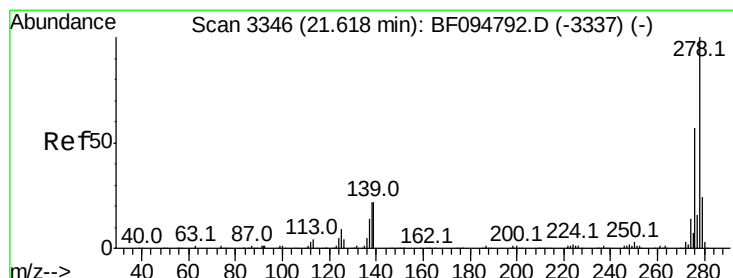
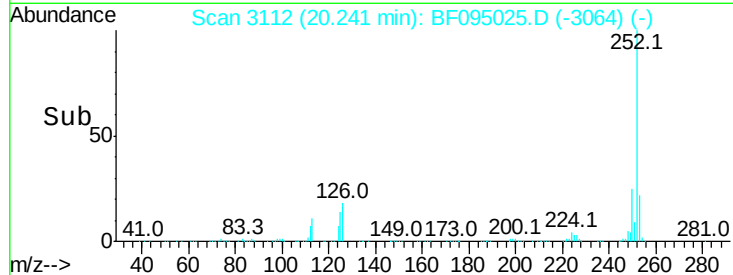
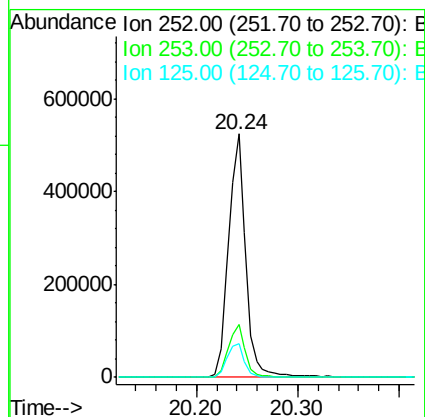
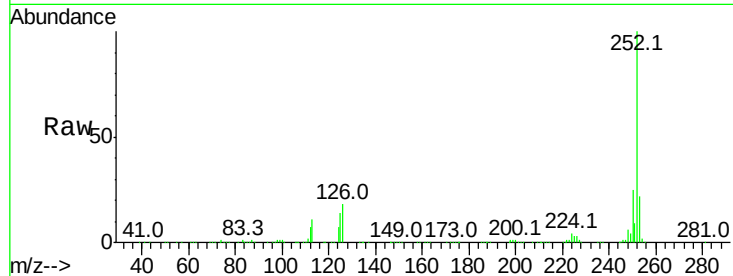




#89
Benzo(a)pyrene
Concen: 40.01 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

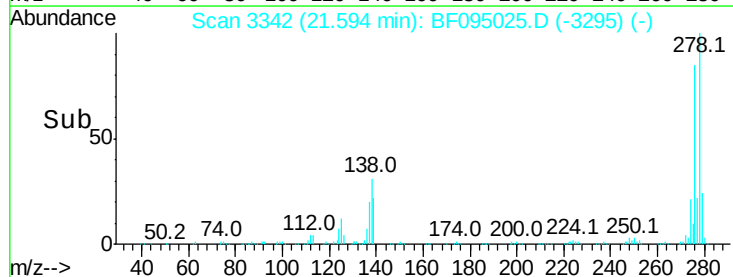
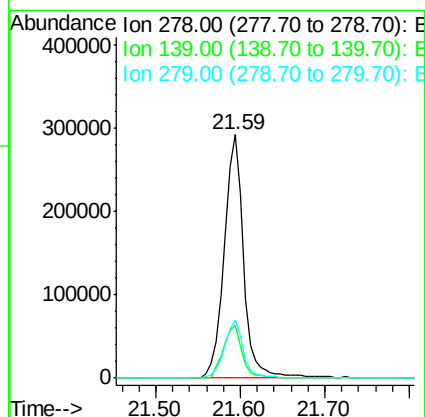
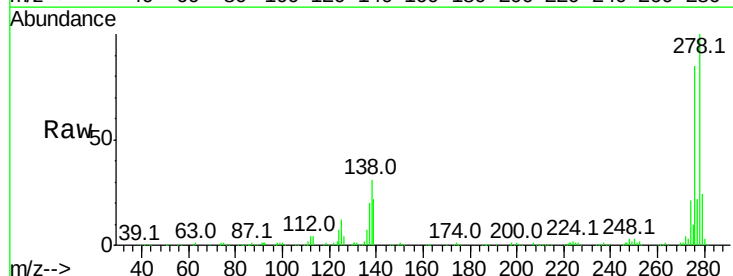
Instrument :
BNA_F
ClientSampleId :

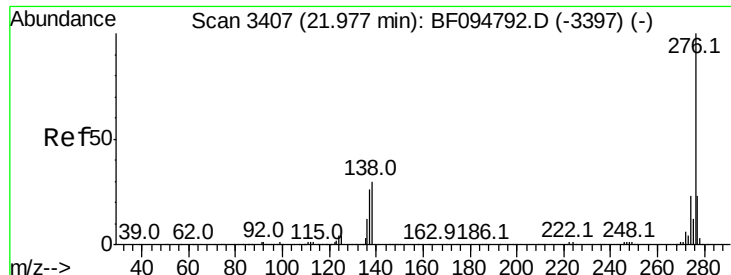
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	13.8	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 37.04 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 40.66 ng

RT: 21.96 min Scan# 3404

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

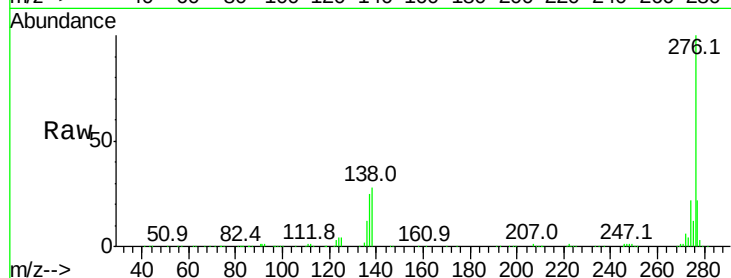
Tot Ion:276 Resp: 505474

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 28.4 25.4 38.0



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

