

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095369.D
 Acq On : 24 May 2017 3:14
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 04:53:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	119859	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	499520	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	199331	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	353897	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	208551	20.00	ng	-0.01
86) Perylene-d12	20.36	264	233735	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	633101	88.06	ng	-0.02
7) Phenol-d6	7.30	99	731011	84.75	ng	-0.01
23) Nitrobenzene-d5	8.67	82	683459	86.28	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	142734	87.44	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1128947	81.52	ng	-0.01
78) Terphenyl-d14	17.33	244	919979	97.16	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.19	88	142238	40.34	ng	92
3) Pyridine	2.88	79	321537	39.35	ng	97
4) n-Nitrosodimethylamine	2.81	42	107371	31.52	ng	# 76
6) Aniline	7.26	93	495827	45.53	ng	96
8) 2-Chlorophenol	7.45	128	358178	43.77	ng	96
9) Benzaldehyde	7.08	77	192842	36.61	ng	97
10) Phenol	7.32	94	351477	38.67	ng	89
11) bis(2-Chloroethyl)ether	7.39	93	314437	41.90	ng	96
12) 1,3-Dichlorobenzene	7.65	146	410998	44.28	ng	97
13) 1,4-Dichlorobenzene	7.78	146	415707	44.16	ng	96
14) 1,2-Dichlorobenzene	8.01	146	387141	44.06	ng	96
15) Benzyl Alcohol	8.05	79	266127	47.97	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.24	45	412786	38.87	ng	95
17) 2-Methylphenol	8.25	107	283110	42.28	ng	99
18) Hexachloroethane	8.52	117	136105	42.68	ng	# 83
19) n-Nitroso-di-n-propylamine	8.47	70	257345	44.11	ng	94
20) 3+4-Methylphenols	8.51	107	393840	43.28	ng	# 59
22) Acetophenone	8.43	105	496827	41.45	ng	# 84
24) Nitrobenzene	8.69	77	354407	42.68	ng	94
25) Isophorone	9.10	82	643998	45.53	ng	95
26) 2-Nitrophenol	9.20	139	200067	44.65	ng	99
27) 2,4-Dimethylphenol	9.33	122	321035	44.32	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	435607	44.52	ng	100
29) 2,4-Dichlorophenol	9.62	162	291721	42.65	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	312115	42.59	ng	98
31) Naphthalene	9.81	128	1063295	42.35	ng	100
32) Benzoic acid	9.67	122	165993	36.29	ng	93
33) 4-Chloroaniline	9.95	127	418908	44.77	ng	# 92
34) Hexachlorobutadiene	10.02	225	161027	41.65	ng	100
35) Caprolactam	10.59	113	59093	28.77	ng	95
36) 4-Chloro-3-methylphenol	10.81	107	279262	38.19	ng	89
37) 2-Methylnaphthalene	10.93	142	626730	38.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	260752	42.54	ng	99
40) Hexachlorocyclopentadiene	11.18	237	59270	27.31	ng	100

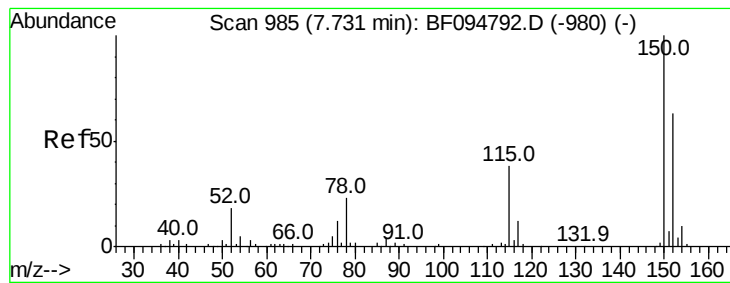
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095369.D
 Acq On : 24 May 2017 3:14
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Quant Time: May 24 04:53:44 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	176714	43.18	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	169345	38.50	nq	# 94
45) 1,1'-Biphenyl	11.70	154	721817	43.01	nq	98
46) 2-Chloronaphthalene	11.72	162	571703	42.19	nq	95
47) 2-Nitroaniline	11.94	65	159785	43.08	nq	# 77
48) Acenaphthylene	12.37	152	880503	41.48	nq	98
49) Dimethylphthalate	12.25	163	678684	41.47	nq	99
50) 2,6-Dinitrotoluene	12.35	165	143869	43.09	nq	97
51) Acenaphthene	12.66	154	526590	41.54	nq	99
52) 3-Nitroaniline	12.62	138	153615	42.87	nq	87
53) 2,4-Dinitrophenol	12.85	184	44154	28.38	nq	# 70
54) Dibenzofuran	12.95	168	792524	45.17	nq	96
55) 4-Nitrophenol	13.04	139	79370	36.88	nq	# 79
56) 2,4-Dinitrotoluene	13.02	165	204217	47.61	nq	93
57) Fluorene	13.50	166	660898	43.32	nq	97
58) 2,3,4,6-Tetrachlorophenol	13.19	232	120723	43.61	nq	# 95
59) Diethylphthalate	13.39	149	714166	45.53	nq	98
60) 4-Chlorophenyl-phenylether	13.52	204	299860	44.73	nq	88
61) 4-Nitroaniline	13.62	138	126665	38.51	nq	95
62) Azobenzene	13.78	77	569084	45.15	nq	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	78809	33.22	nq	# 71
65) n-Nitrosodiphenylamine	13.73	169	572124	44.54	nq	99
66) 4-Bromophenyl-phenylether	14.31	248	170444	45.59	nq	99
67) Hexachlorobenzene	14.40	284	168786	44.05	nq	# 88
68) Atrazine	14.65	200	163339	45.04	nq	97
69) Pentachlorophenol	14.76	266	75244	46.11	nq	97
70) Phenanthrene	15.05	178	881581	43.36	nq	98
71) Anthracene	15.13	178	904353	43.54	nq	99
72) Carbazole	15.41	167	791839	41.90	nq	97
73) Di-n-butylphthalate	15.97	149	1096441	46.52	nq	98
74) Fluoranthene	16.79	202	752572	36.08	nq	99
76) Benzidine	17.02	184	270902	48.03	nq	# 93
77) Pyrene	17.09	202	751588	48.19	nq	98
79) Butylbenzylphthalate	17.99	149	357747	49.31	nq	94
80) Benzo(a)anthracene	18.67	228	507942	41.85	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	173915	41.49	nq	# 95
82) Chrysene	18.72	228	522710	44.54	nq	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	494820	47.87	nq	# 100
84) Di-n-octyl phthalate	19.50	149	760888	44.90	nq	97
85) Indeno(1,2,3-cd)pyrene	21.68	276	512277	53.75	nq	99
87) Benzo(b)fluoranthene	19.95	252	514156	35.60	nq	99
88) Benzo(k)fluoranthene	19.98	252	603169	43.30	nq	95
89) Benzo(a)pyrene	20.30	252	558842	41.93	nq	99
90) Dibenzo(a,h)anthracene	21.69	278	452127	41.08	nq	99
91) Benzo(g,h,i)perylene	22.07	276	433748	40.16	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampled :

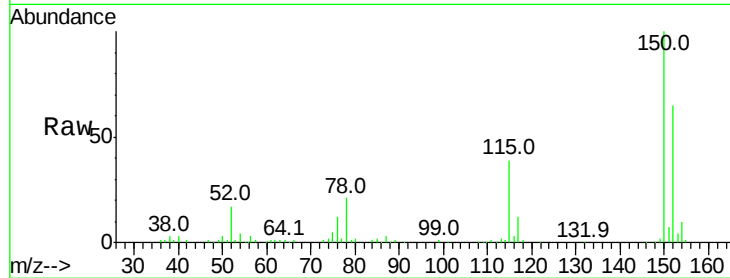
Tot Ion:152 Resp: 119859

Ion Ratio Lower Upper

152 100

150 154.2 126.2 189.2

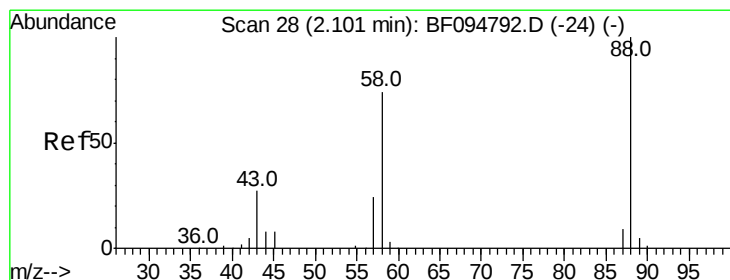
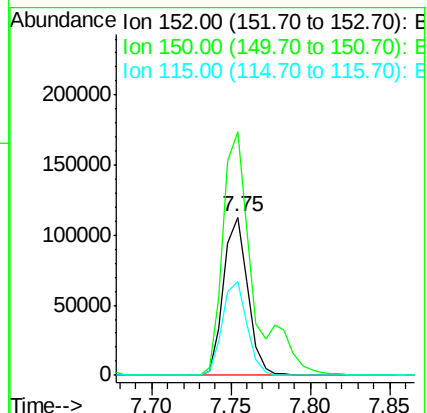
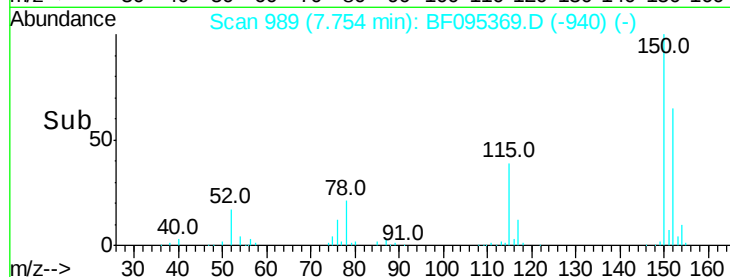
115 59.4 52.2 78.2



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: 40.34 ng

RT: 2.19 min Scan# 43

Delta R.T. -0.04 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

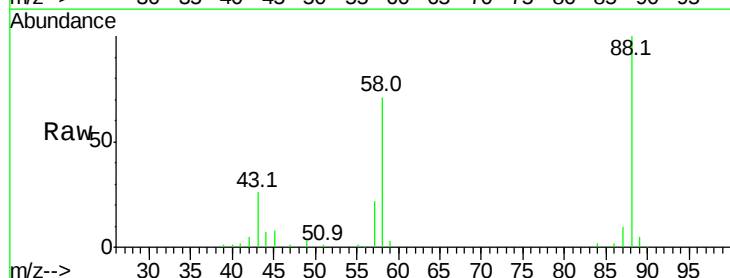
Tgt Ion: 88 Resp: 142238

Ion Ratio Lower Upper

88 100

58 69.8 61.4 92.0

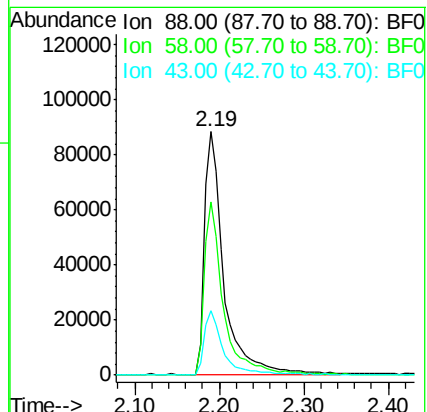
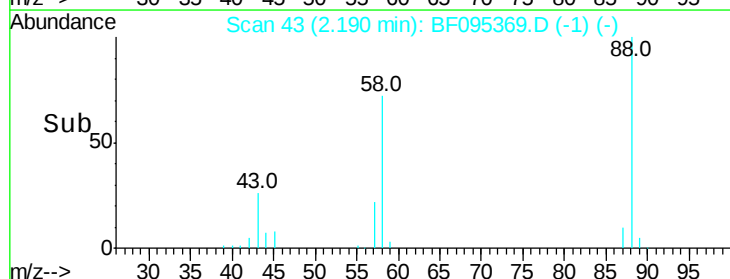
43 25.6 23.4 35.0



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

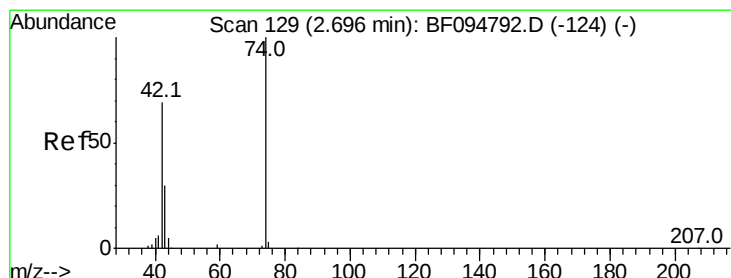
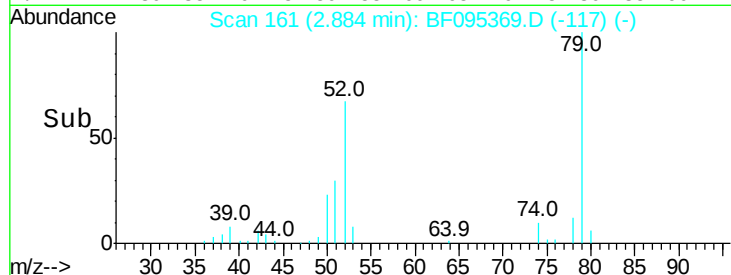
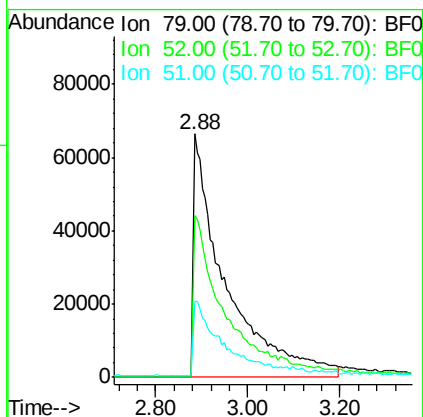
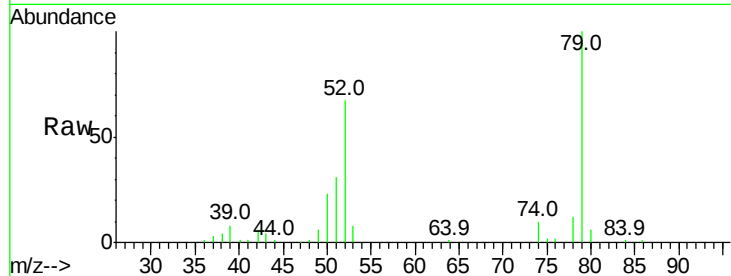




#3
 Pvridine
 Concen: 39.35 ng
 RT: 2.88 min Scan# 161
 Delta R.T. -0.04 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

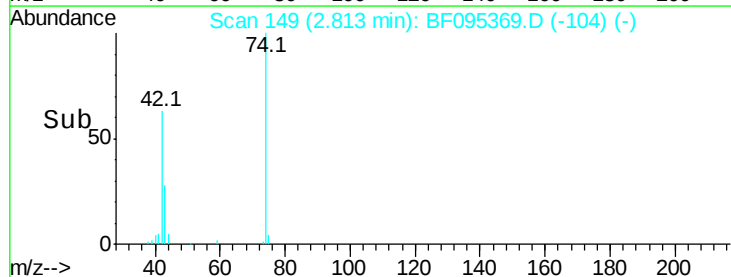
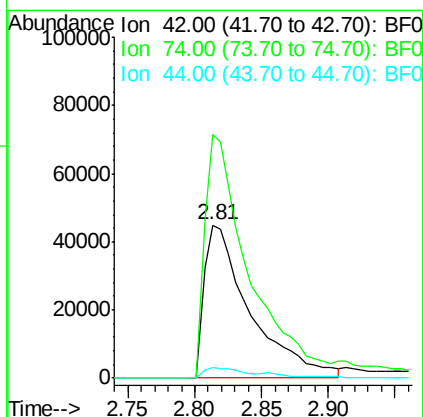
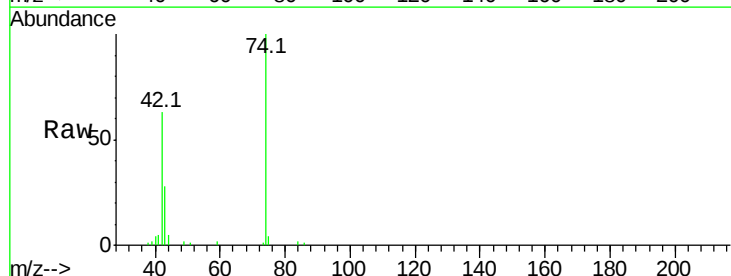
Instrument :
 BNA_F
 ClientSampled :

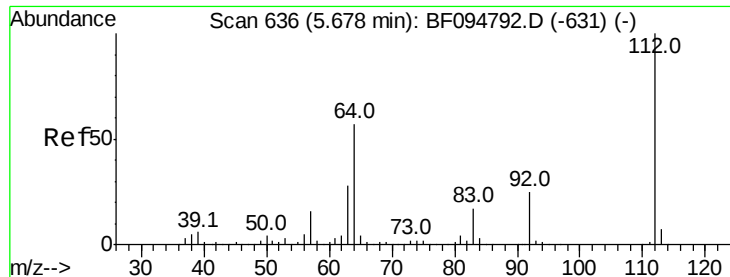
Tot Ion: 79 Resp: 321537
 Ion Ratio Lower Upper
 79 100
 52 66.6 54.8 82.2
 51 31.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 31.52 ng
 RT: 2.81 min Scan# 149
 Delta R.T. -0.04 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion: 42 Resp: 107371
 Ion Ratio Lower Upper
 42 100
 74 158.9 103.9 155.9#
 44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 88.06 ng

RT: 5.71 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampled :

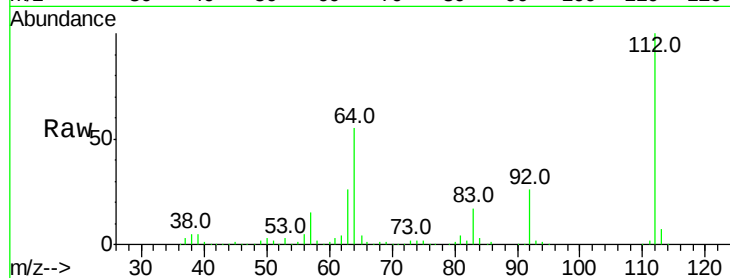
Tot Ion:112 Resp: 633101

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

63 25.9 23.4 35.0



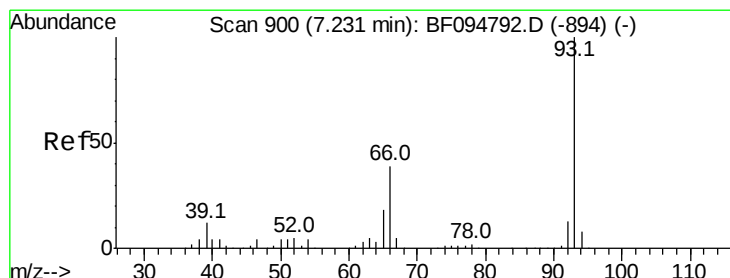
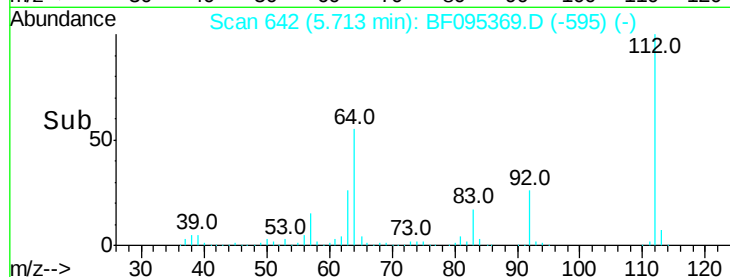
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->

5.60 5.71 5.80 6.00



#6

Aniline

Concen: 45.53 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

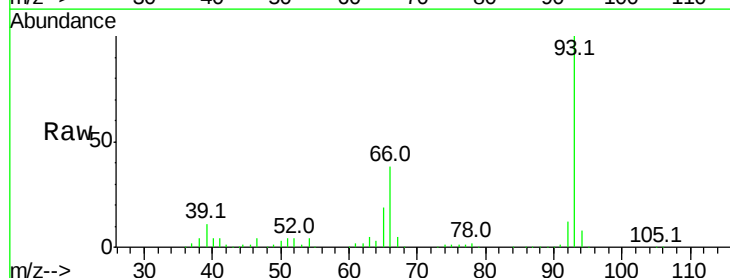
Tgt Ion: 93 Resp: 495827

Ion Ratio Lower Upper

93 100

66 38.2 32.9 49.3

65 18.7 16.0 24.0



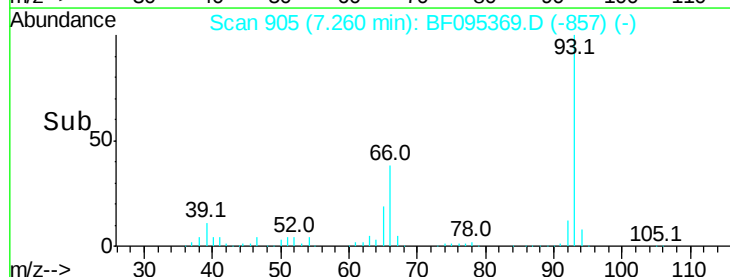
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->

7.20 7.25 7.30 7.35 7.40





#7

Phenol-d6

Concen: 84.75 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampled :

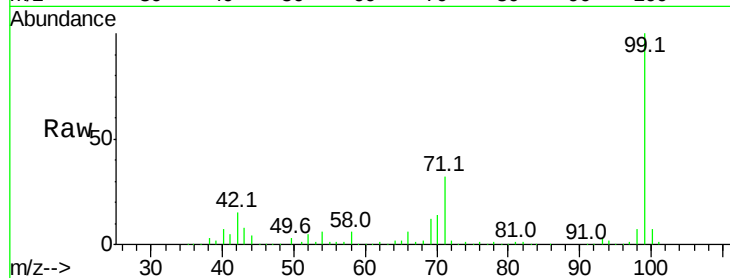
Tot Ion: 99 Resp: 731011

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

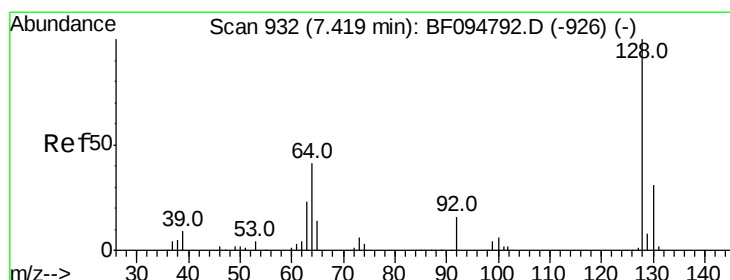
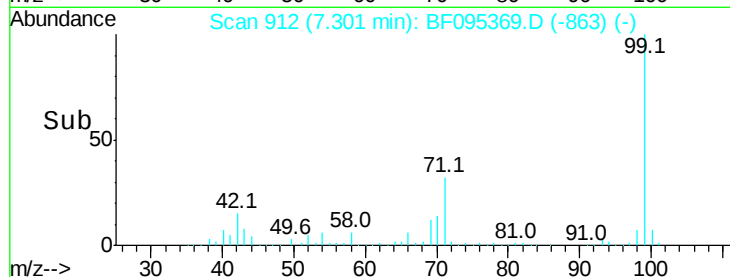
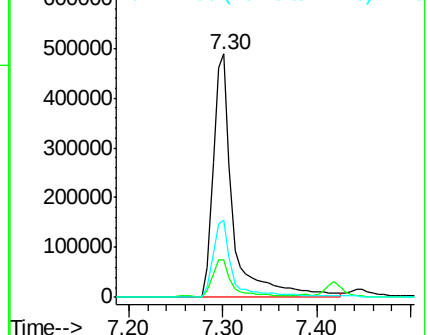
71 31.9 24.5 36.7



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: 43.77 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

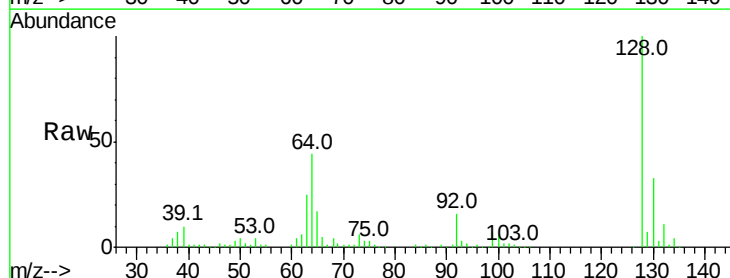
Tgt Ion:128 Resp: 358178

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

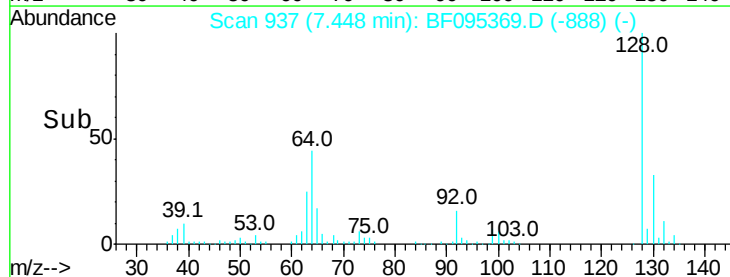
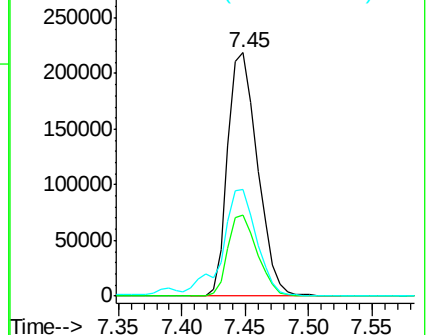
64 43.9 28.4 68.4

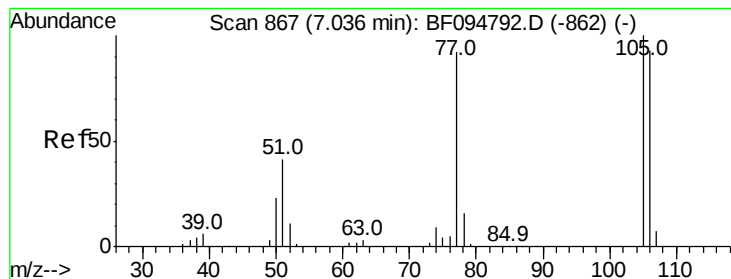


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.61 ng

RT: 7.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampled :

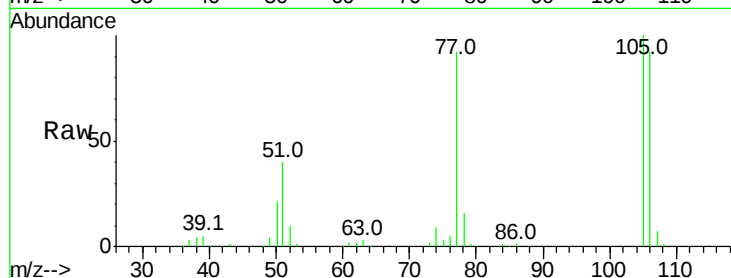
Tot Ion: 77 Resp: 192842

Ion Ratio Lower Upper

77 100

105 109.2 83.8 123.8

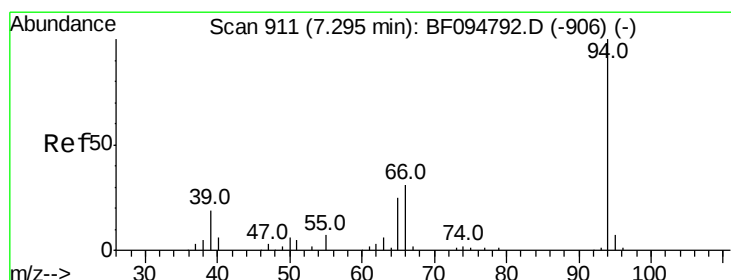
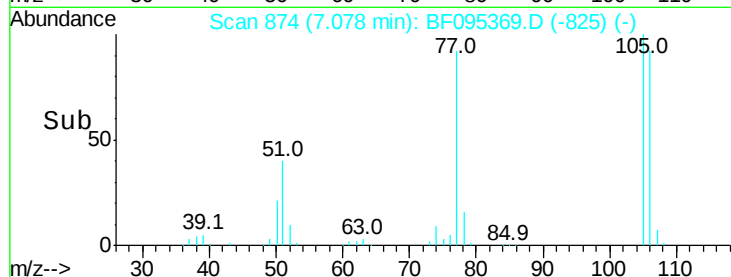
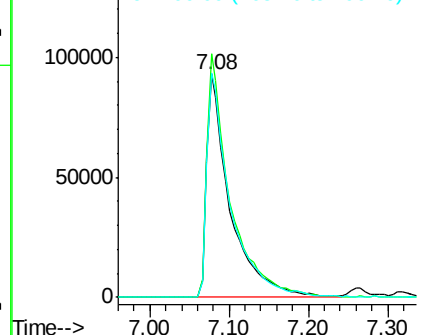
106 100.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.67 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

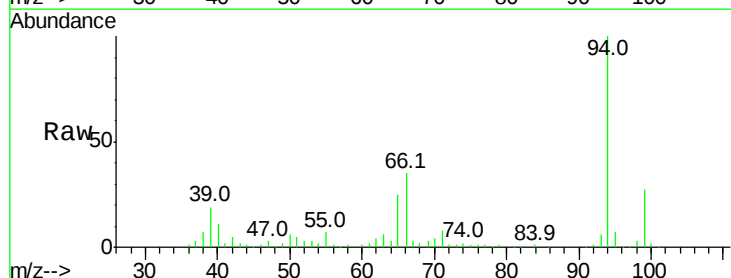
Tgt Ion: 94 Resp: 351477

Ion Ratio Lower Upper

94 100

65 25.3 9.9 49.9

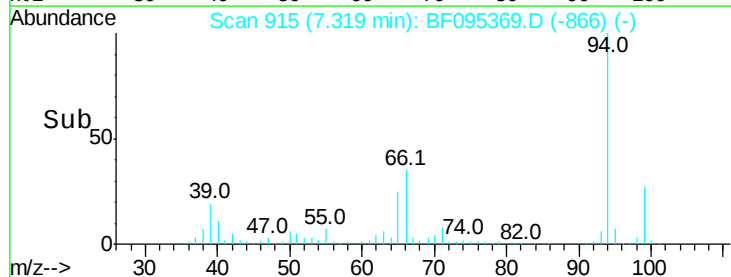
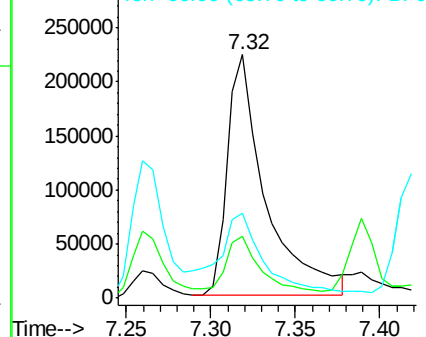
66 35.0 23.1 63.1

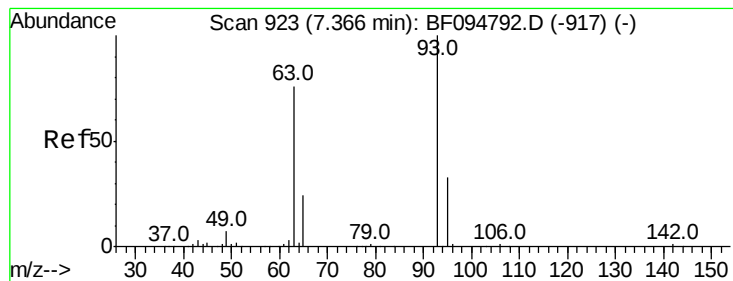


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



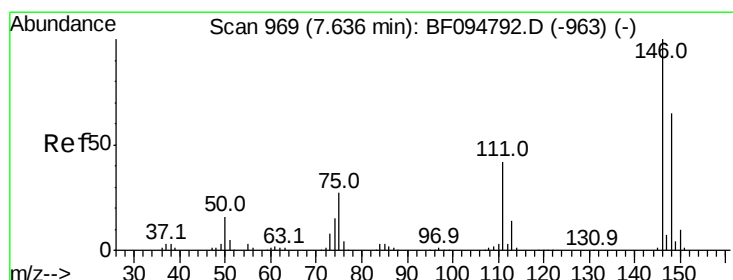
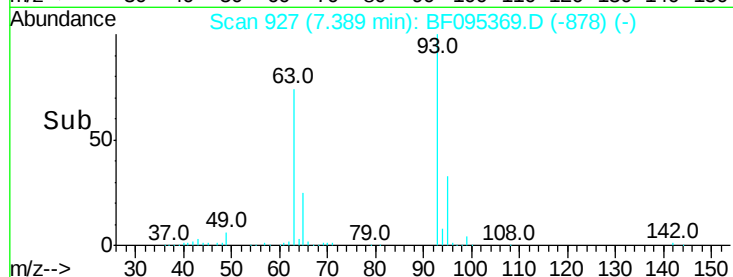
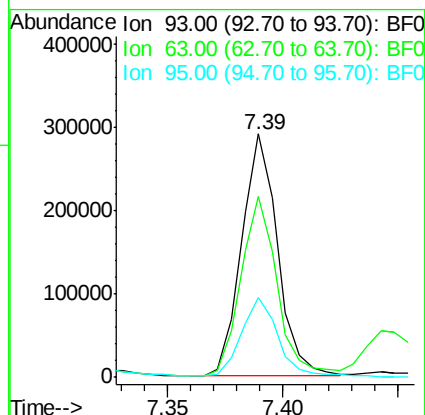
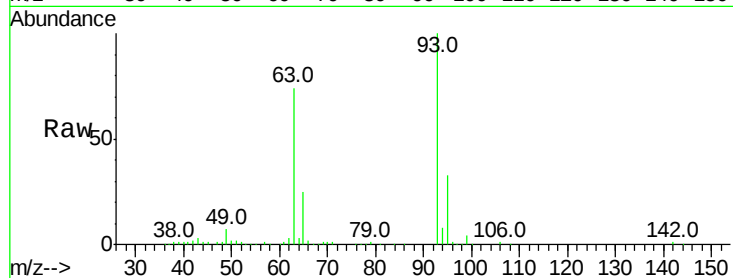


#11
 bis(2-Chloroethyl)ether
 Concen: 41.90 ng
 RT: 7.39 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 314437

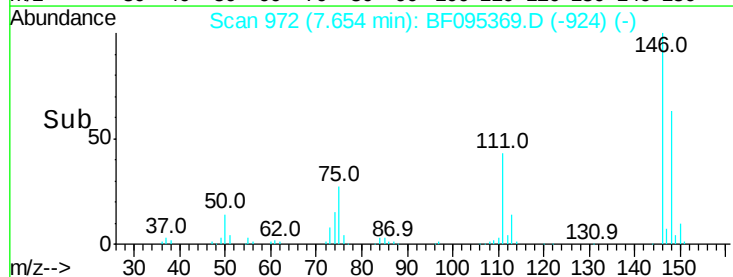
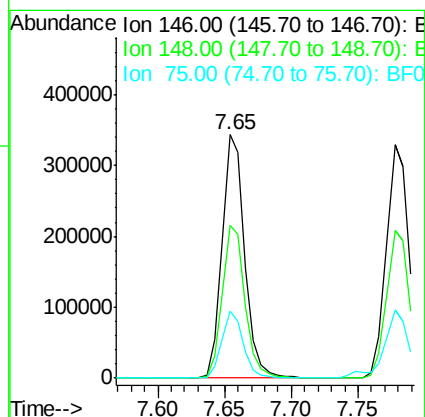
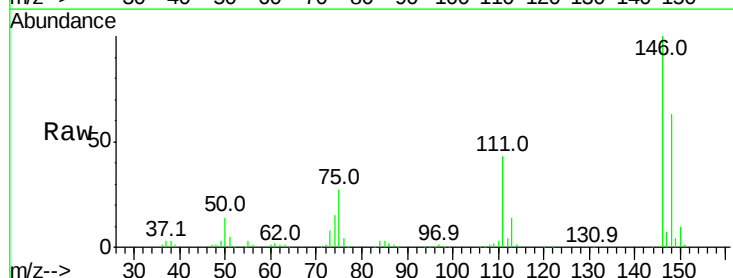
Ion	Ratio	Lower	Upper
93	100		
63	74.2	59.2	99.2
95	32.8	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 44.28 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion: 146 Resp: 410998

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.6
75	27.5	23.1	34.7

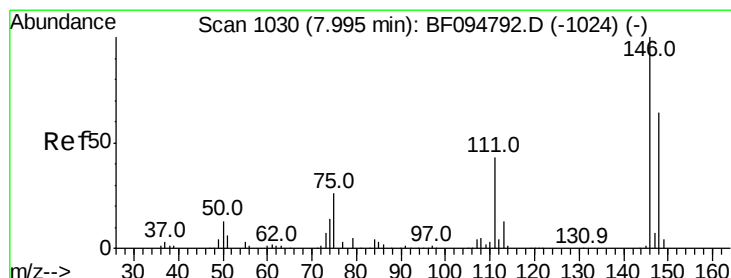
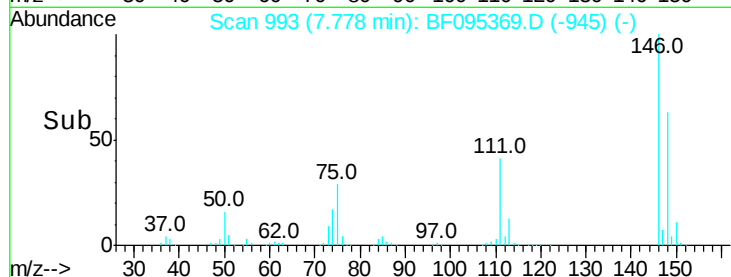
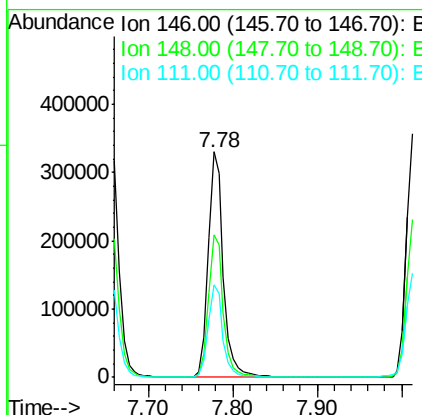
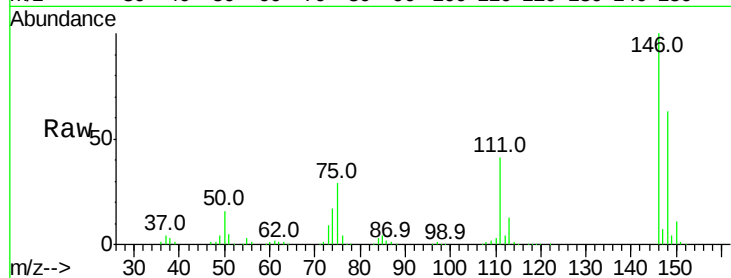




#13
 1,4-Dichlorobenzene
 Concen: 44.16 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

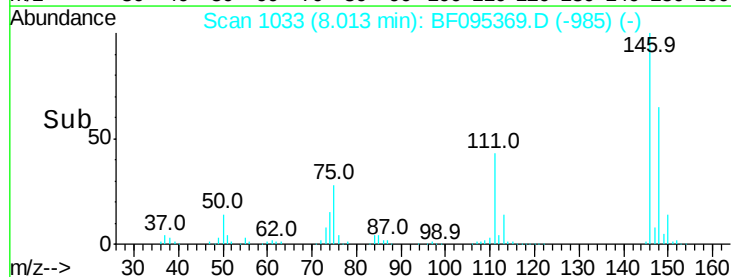
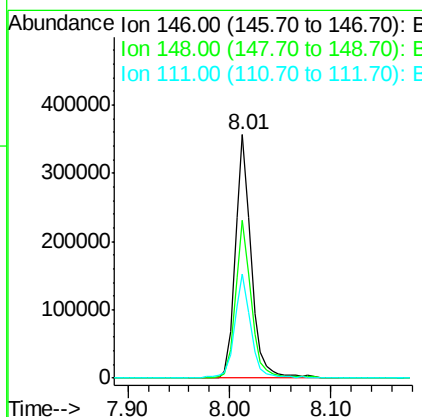
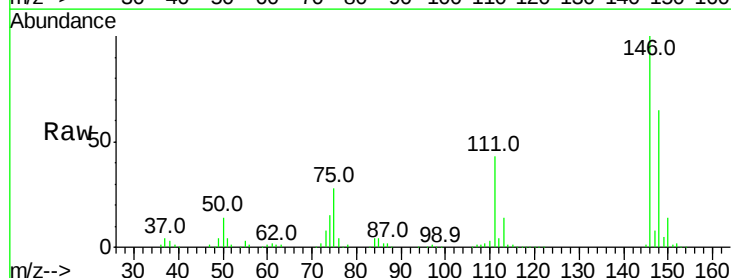
Instrument :
 BNA_F
 ClientSampled :

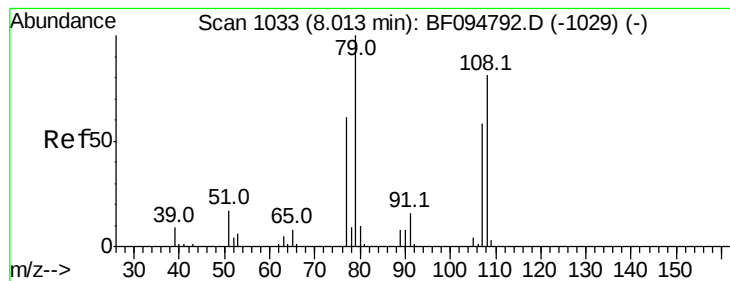
Tot Ion:146 Resp: 415707
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 41.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 44.06 ng
 RT: 8.01 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion:146 Resp: 387141
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.4 75.6
 111 42.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 47.97 ng

RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

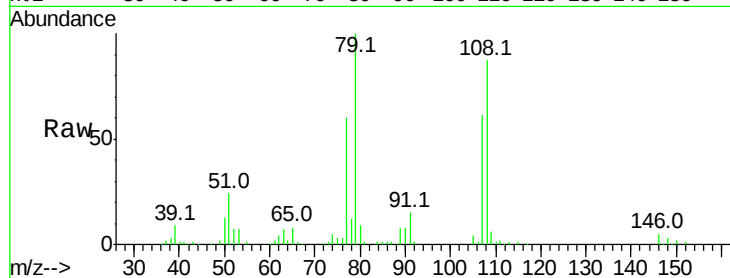
Tot Ion: 79 Resp: 266127

Ion Ratio Lower Upper

79 100

108 87.4 63.4 95.0

77 60.4 49.2 73.8

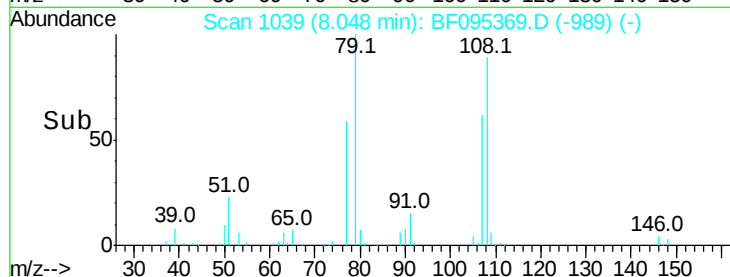


Abundance Ion 79.00 (78.70 to 79.70): BF0

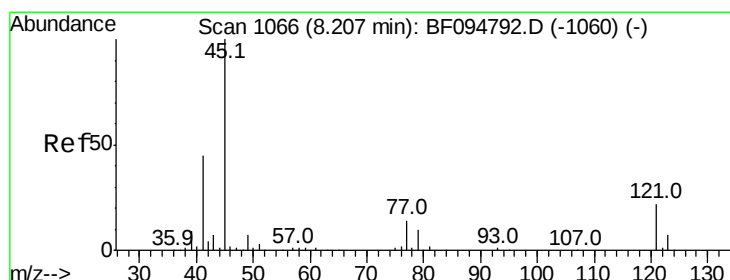
Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.87 ng

RT: 8.24 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

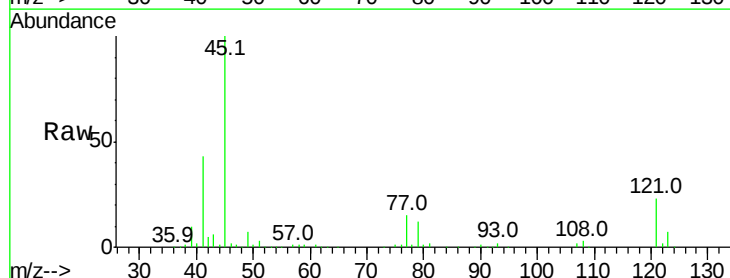
Tgt Ion: 45 Resp: 412786

Ion Ratio Lower Upper

45 100

77 15.1 0.0 33.2

79 12.3 0.0 30.0

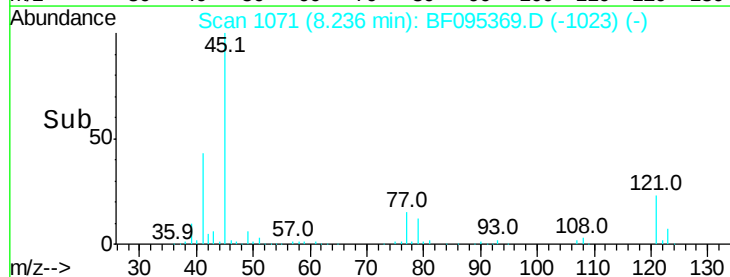


Abundance Ion 45.00 (44.70 to 45.70): BF0

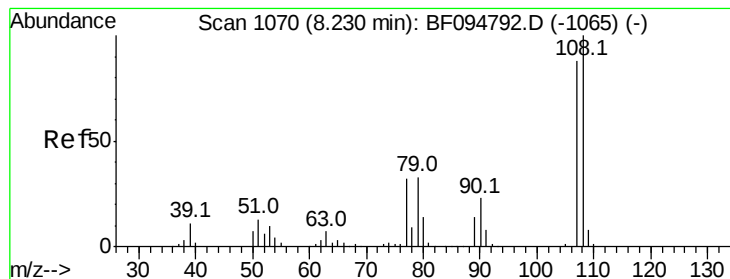
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



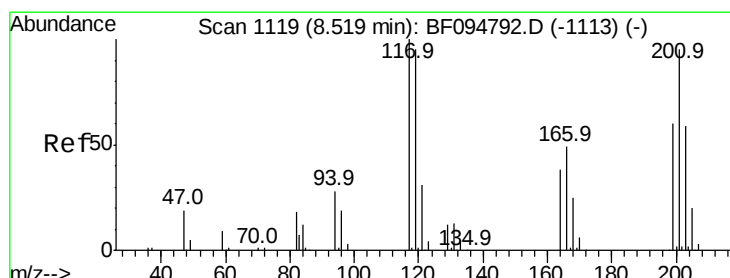
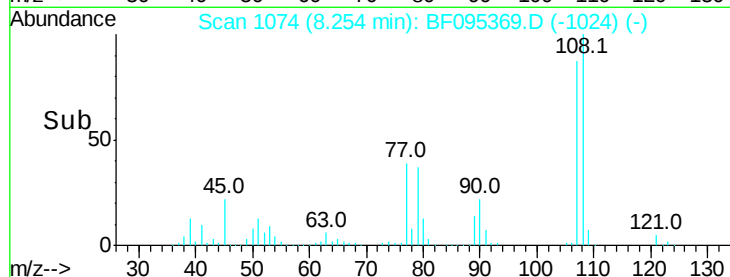
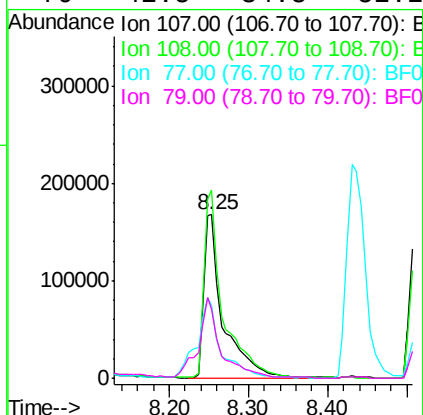
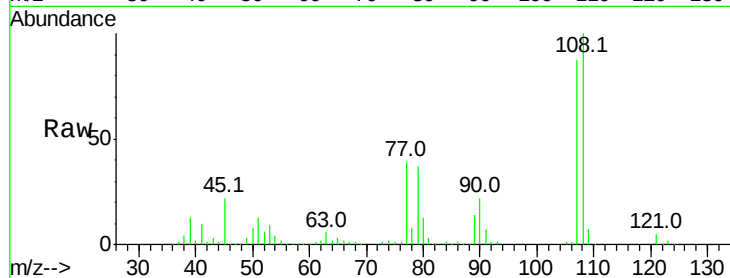
Time-->



#17
 2-Methylphenol
 Concen: 42.28 ng
 RT: 8.25 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

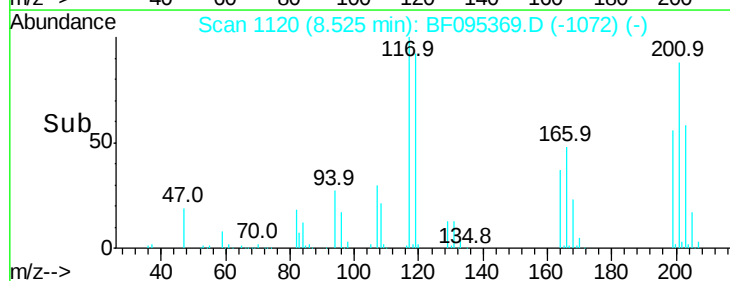
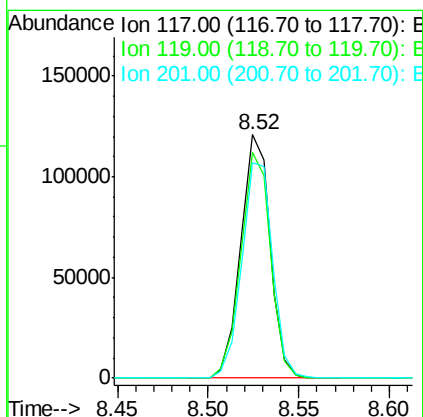
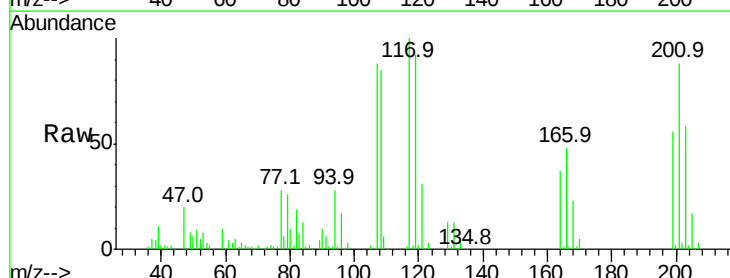
Instrument :
 BNA_F
 ClientSampleId :

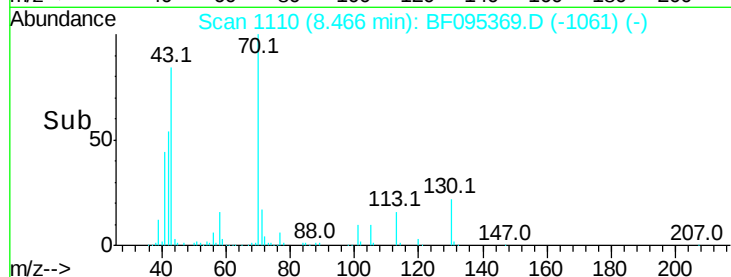
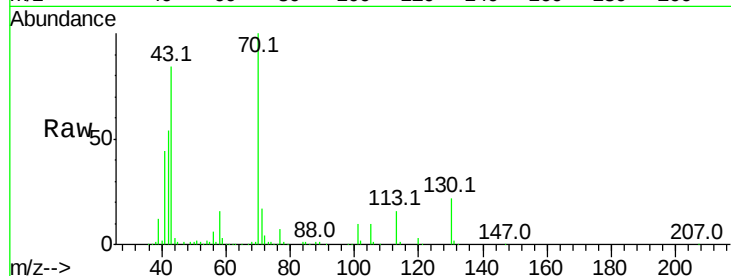
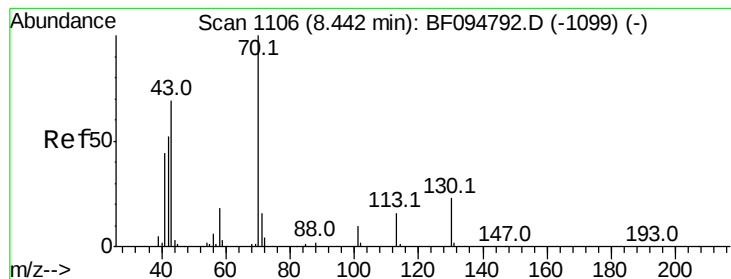
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.4	140.0
77	44.5	35.8	53.6
79	42.5	34.8	52.2



#18
 Hexachloroethane
 Concen: 42.68 ng
 RT: 8.52 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.4	116.0
201	88.5	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 44.11 ng

RT: 8.47 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 257345

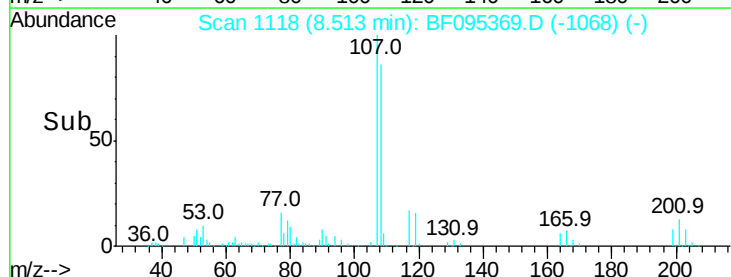
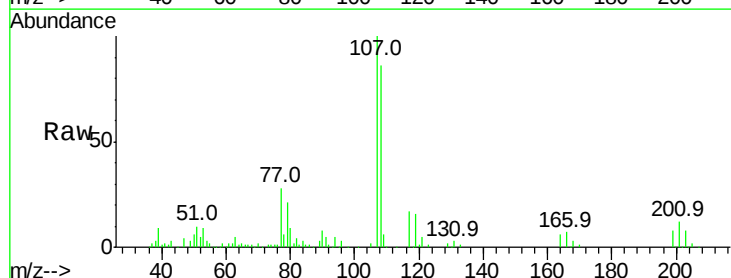
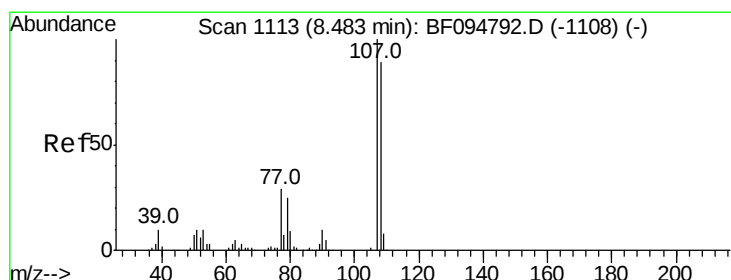
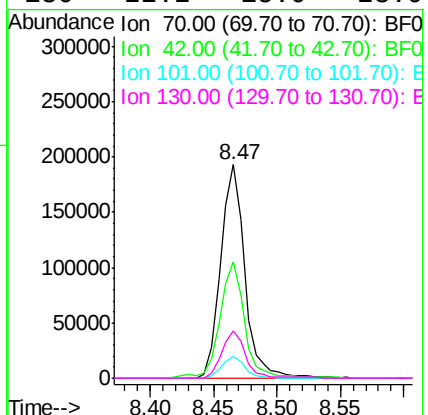
Ion Ratio Lower Upper

70 100

42 54.3 47.2 70.8

101 10.3 7.2 10.8

130 22.2 15.9 23.9



#20

3+4-Methylphenols

Concen: 43.28 ng

RT: 8.51 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion: 107 Resp: 393840

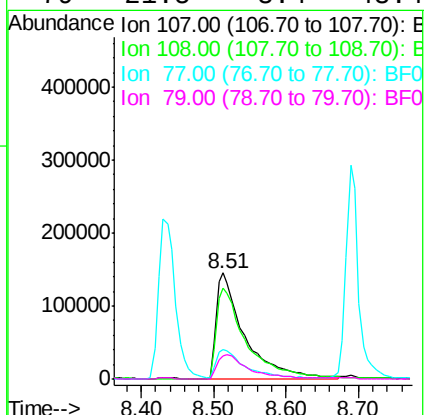
Ion Ratio Lower Upper

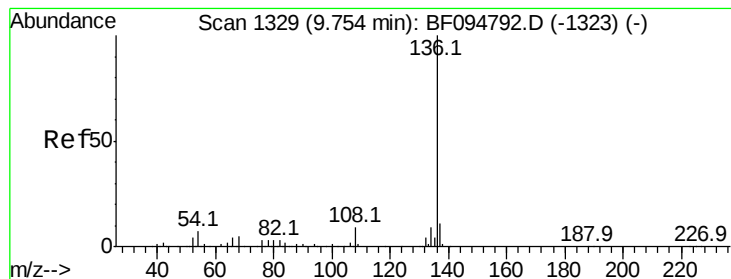
107 100

108 86.0 71.0 111.0

77 27.5 90.5 130.5#

79 21.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 499520

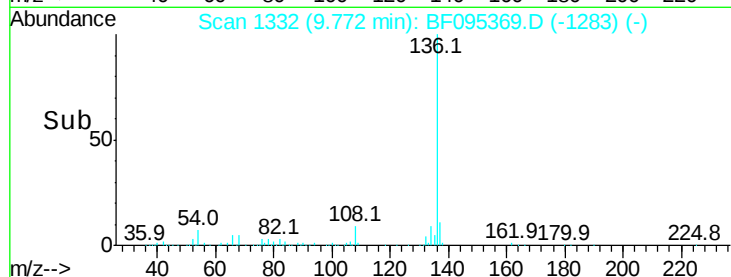
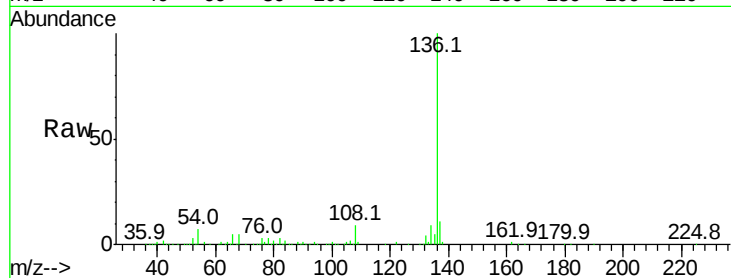
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

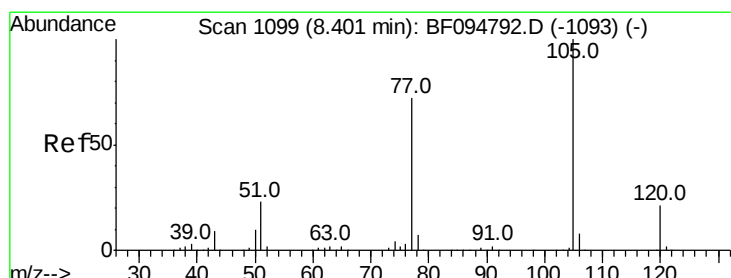
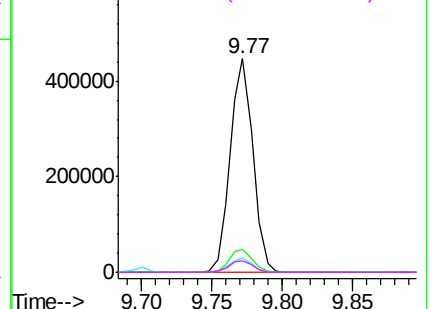


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.45 ng

RT: 8.43 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:105 Resp: 496827

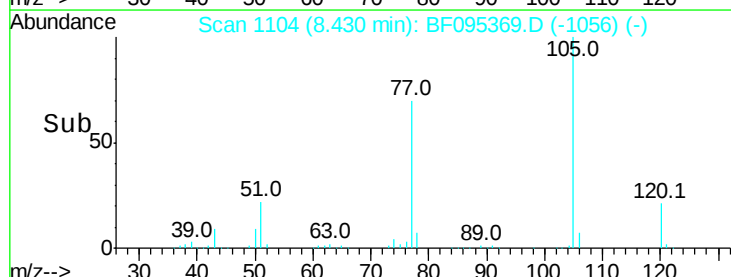
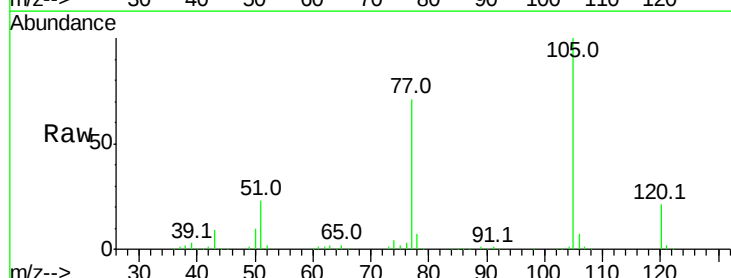
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.9 30.7 46.1#

120 21.2 17.4 26.0

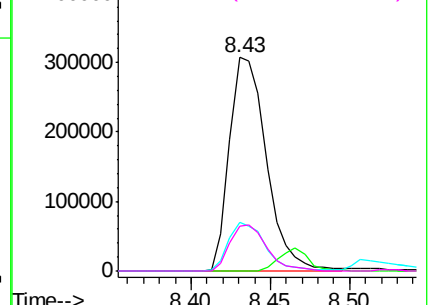


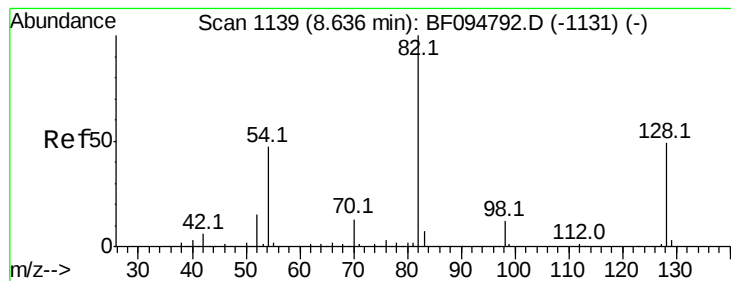
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 86.28 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

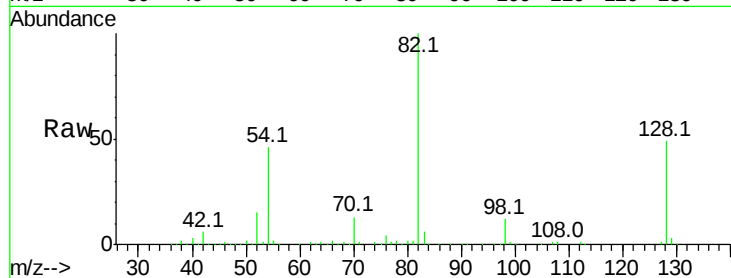
Tot Ion: 82 Resp: 683459

Ion Ratio Lower Upper

82 100

128 49.2 34.0 51.0

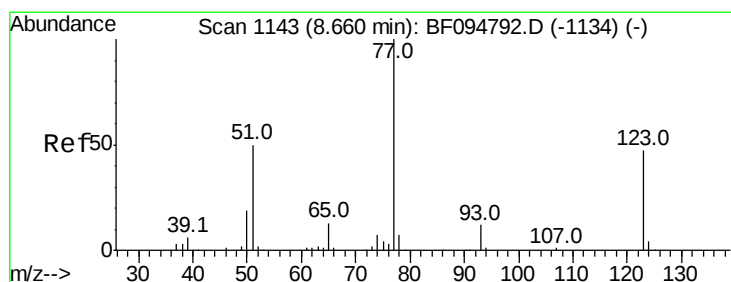
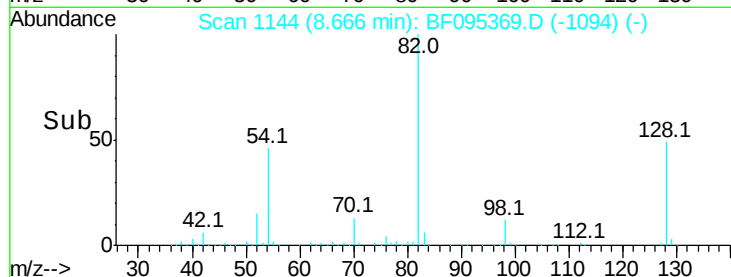
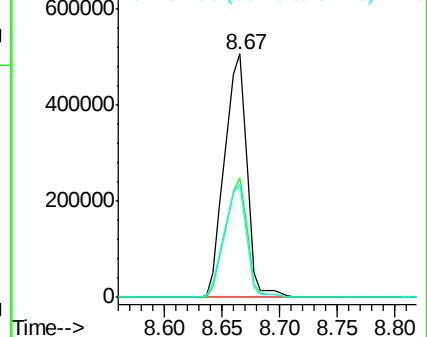
54 46.4 42.2 63.2



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: 42.68 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

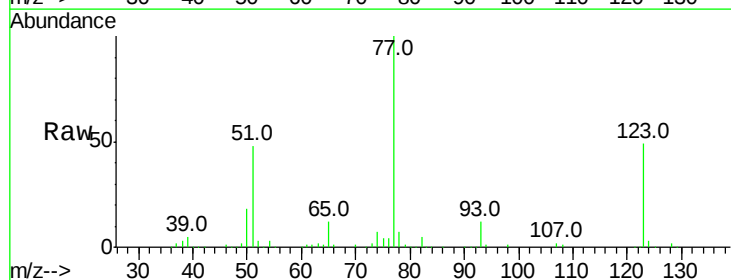
Tgt Ion: 77 Resp: 354407

Ion Ratio Lower Upper

77 100

123 49.4 35.8 53.8

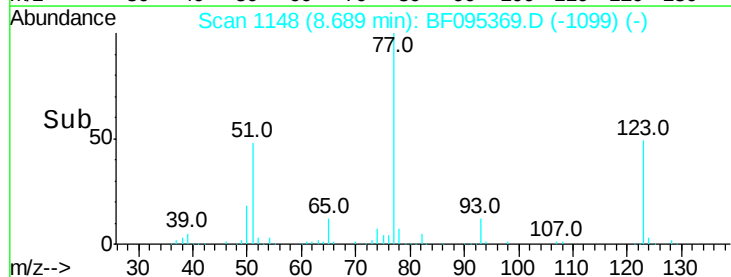
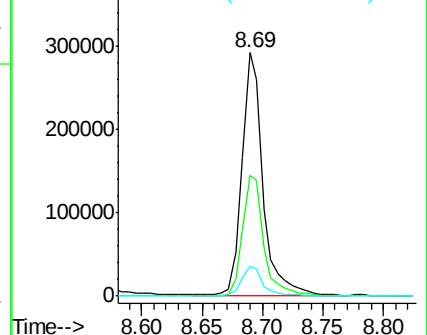
65 12.3 10.6 15.8

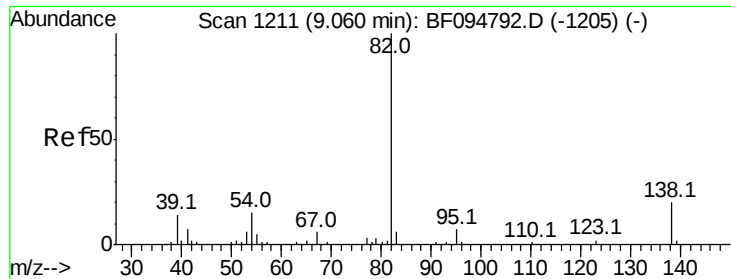


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

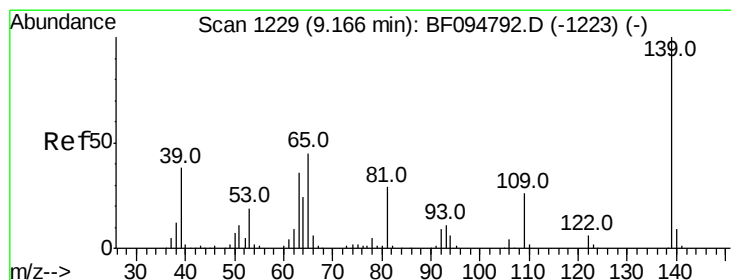
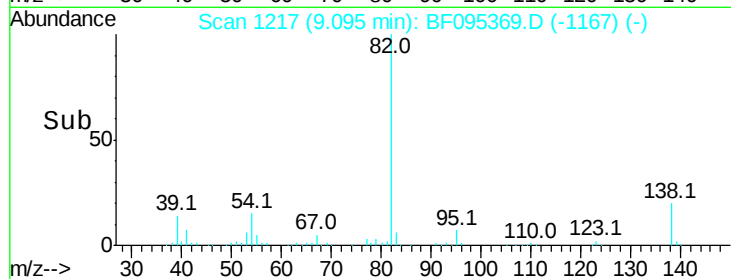
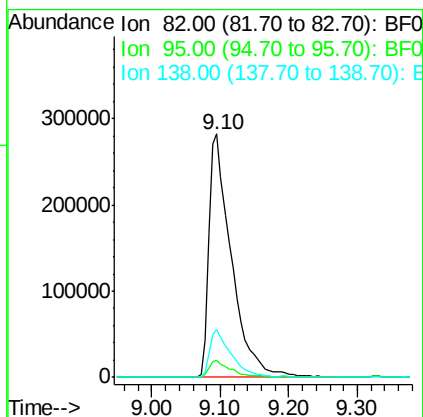
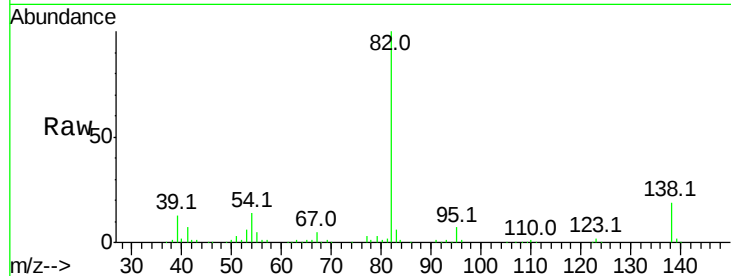




#25
Isophorone
Concen: 45.53 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

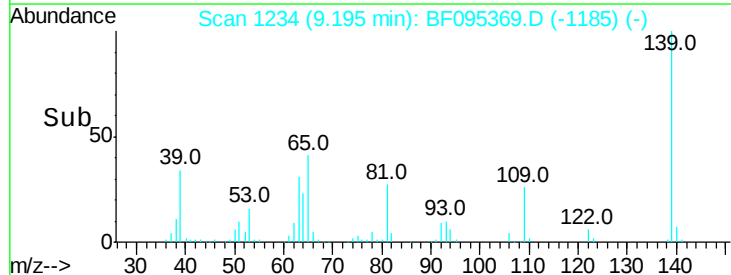
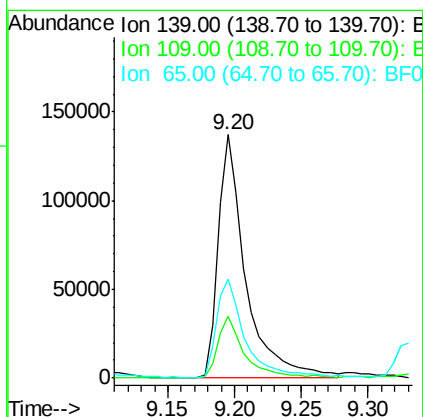
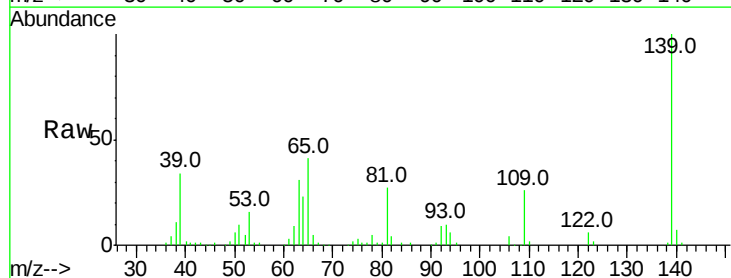
Instrument :
BNA_F
ClientSampleId :

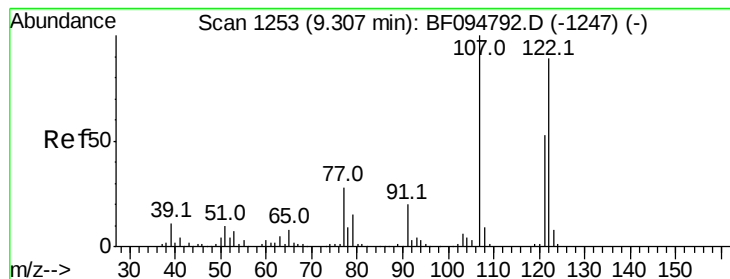
Tot Ion: 82 Resp: 643998
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 19.5 13.1 19.7



#26
2-Nitrophenol
Concen: 44.65 ng
RT: 9.20 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion: 139 Resp: 200067
Ion Ratio Lower Upper
139 100
109 25.6 21.0 31.6
65 40.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.32 ng

RT: 9.33 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

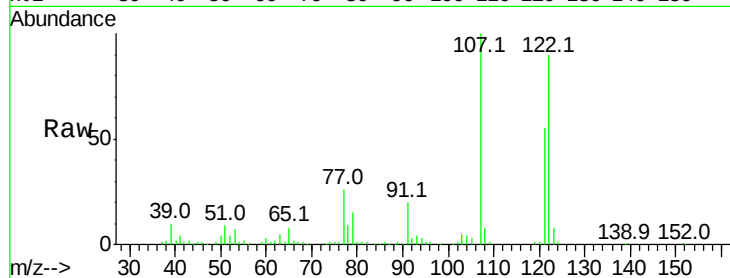
Tot Ion:122 Resp: 321035

Ion Ratio Lower Upper

122 100

107 110.7 89.2 133.8

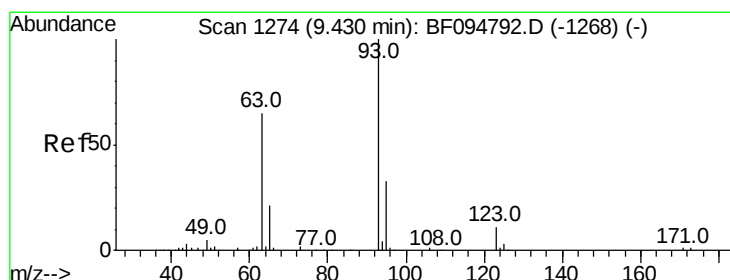
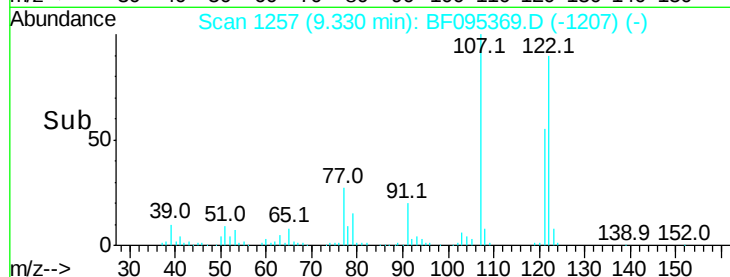
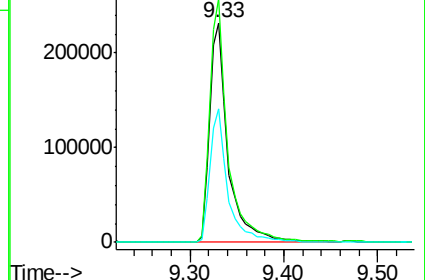
121 60.8 45.2 67.8



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: 44.52 ng

RT: 9.45 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

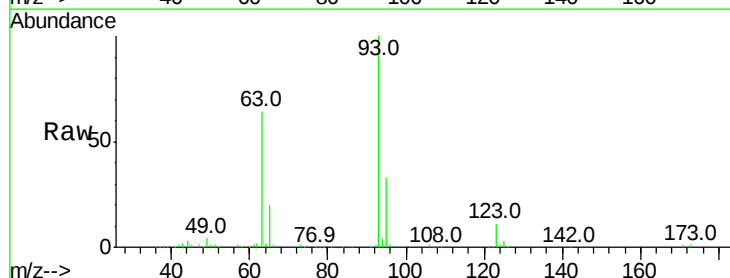
Tgt Ion: 93 Resp: 435607

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

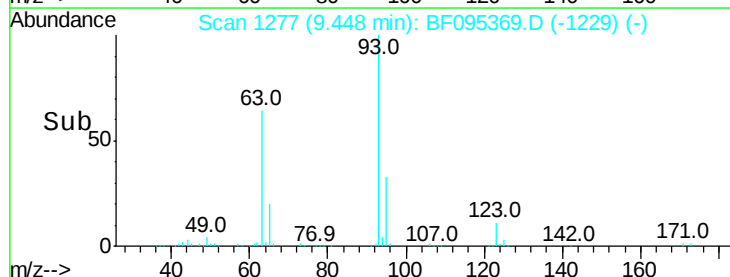
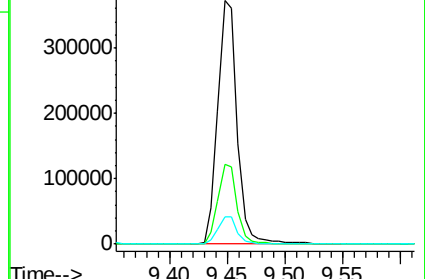
123 11.0 9.0 13.4

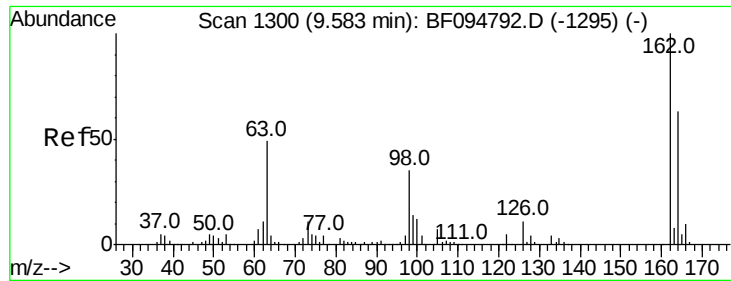


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

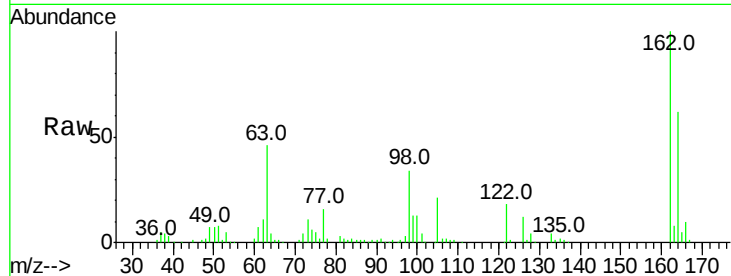




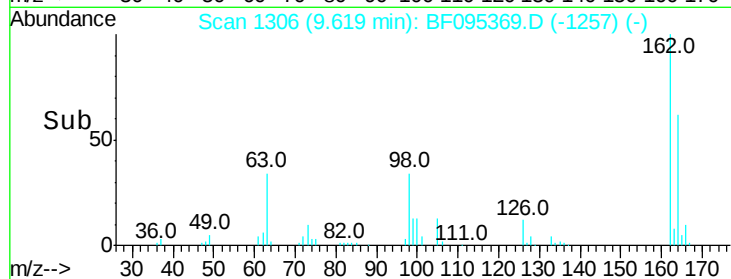
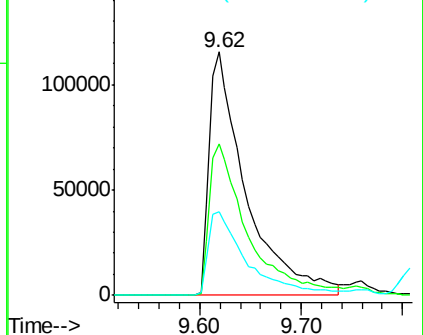
#29
 2,4-Dichlorophenol
 Concen: 42.65 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	34.1	14.8	54.8

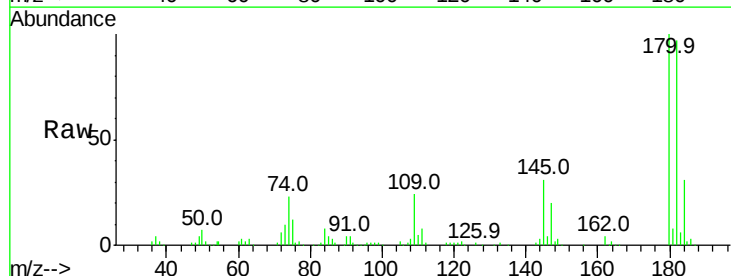


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

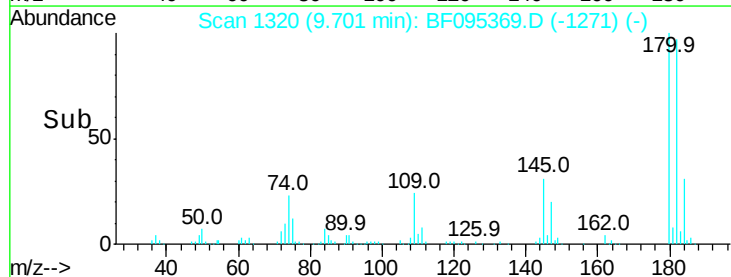
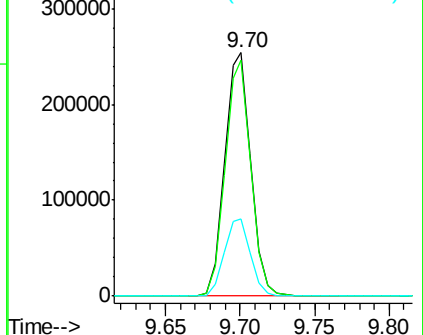


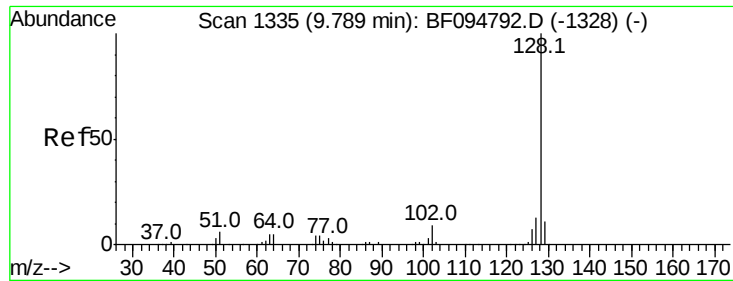
#30
 1,2,4-Trichlorobenzene
 Concen: 42.59 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.6
145	31.5	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

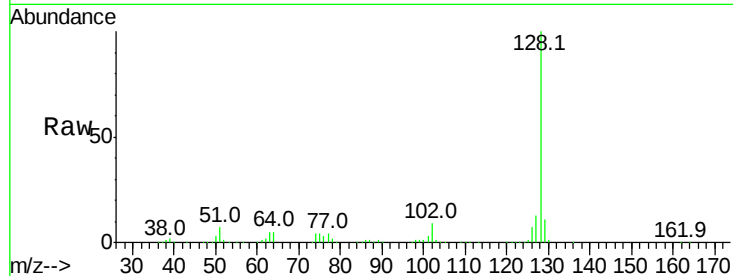




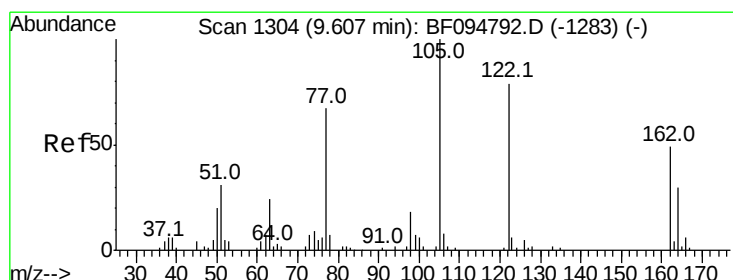
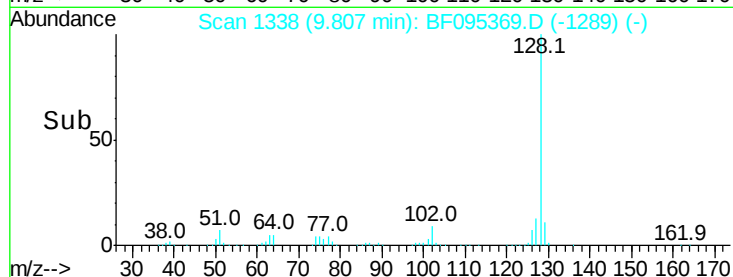
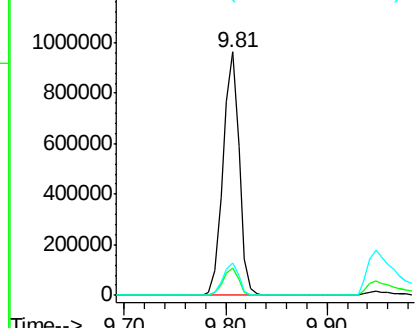
#31
Naphthalene
Concen: 42.35 ng
RT: 9.81 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1063295
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2

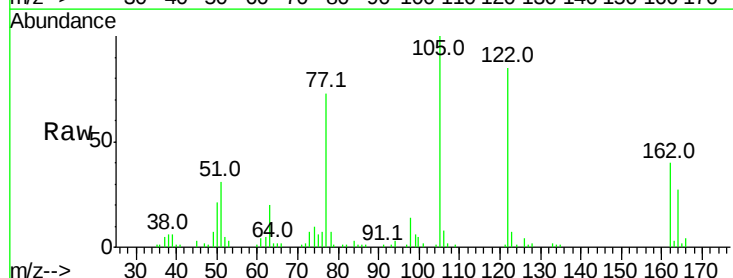


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

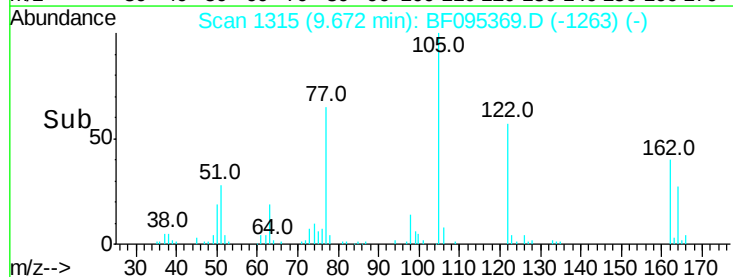
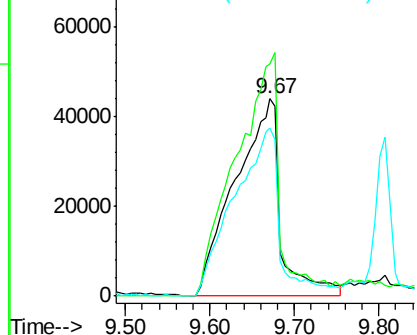


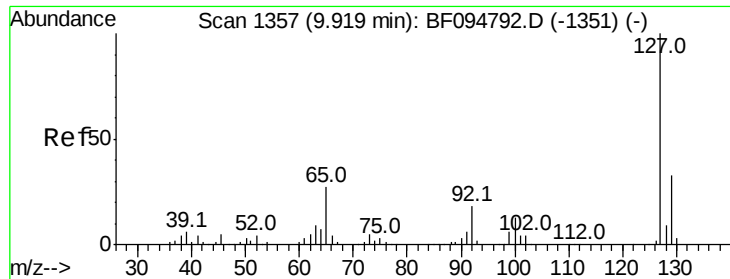
#32
Benzoic acid
Concen: 36.29 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion:122 Resp: 165993
Ion Ratio Lower Upper
122 100
105 117.6 103.3 143.3
77 85.4 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

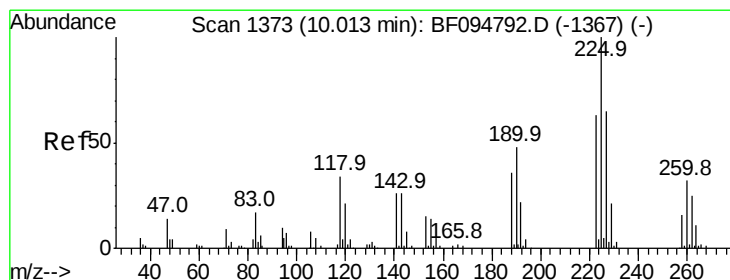
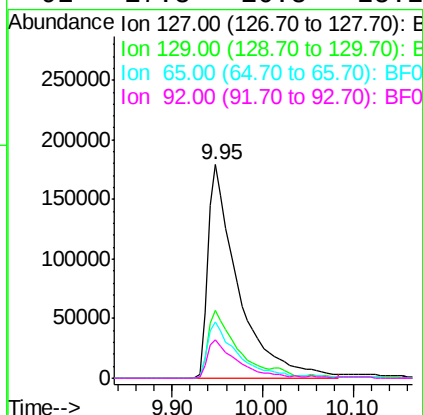
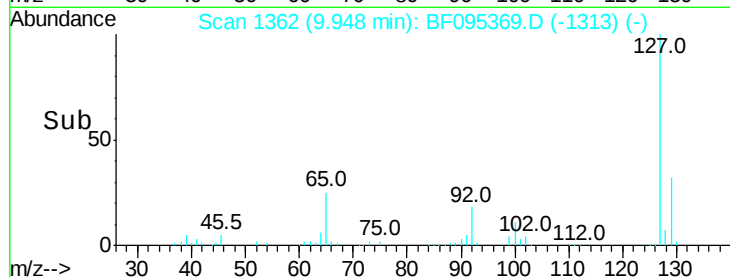
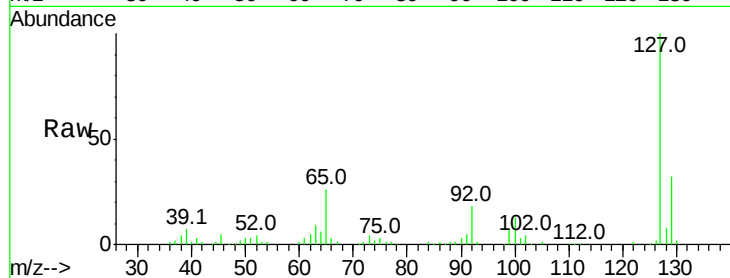




#33
4-Chloroaniline
Concen: 44.77 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

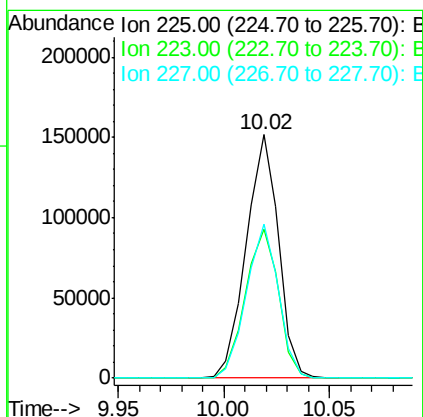
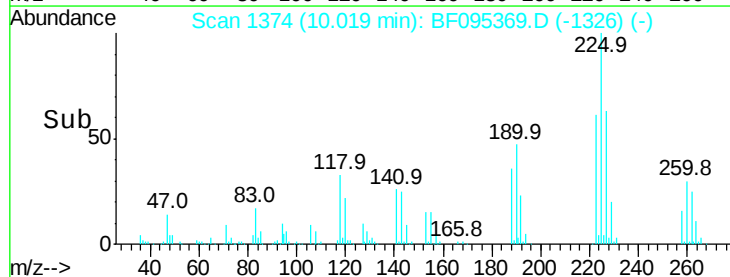
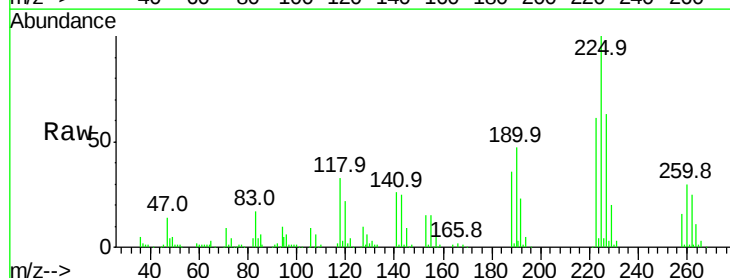
Instrument :
BNA_F
ClientSampleId :

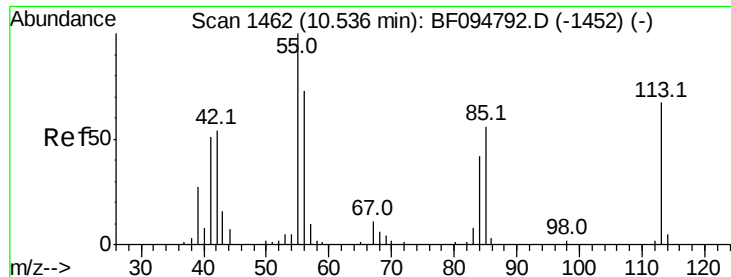
Tot Ion:	127	Resp:	418908
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	26.4	27.8	41.8#
92	17.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.65 ng
RT: 10.02 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion:	225	Resp:	161027
Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.8	73.2
227	63.3	51.1	76.7





#35

Caprolactam

Concen: 28.77 ng

RT: 10.59 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

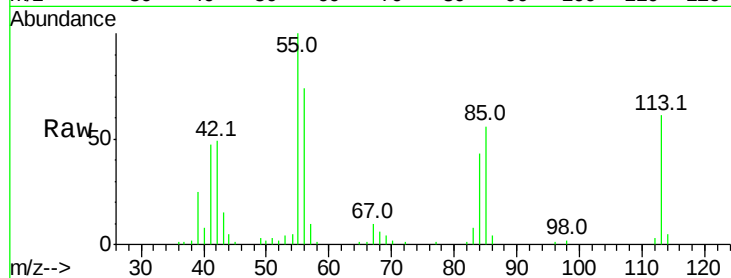
Tot Ion:113 Resp: 59093

Ion Ratio Lower Upper

113 100

55 164.5 150.2 190.2

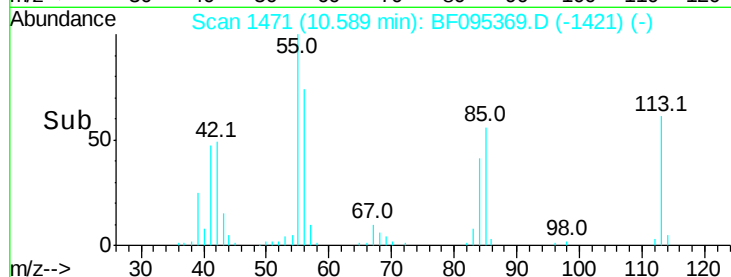
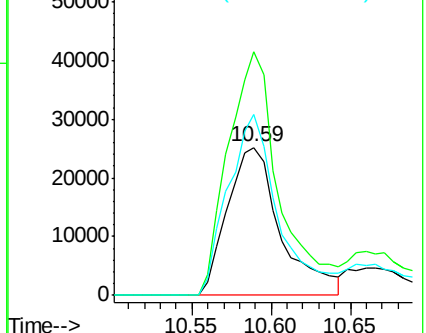
56 122.0 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.19 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

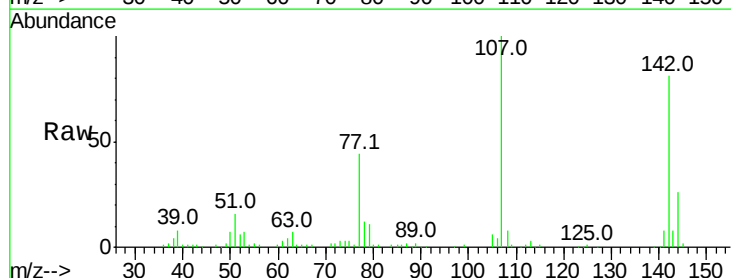
Tgt Ion:107 Resp: 279262

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

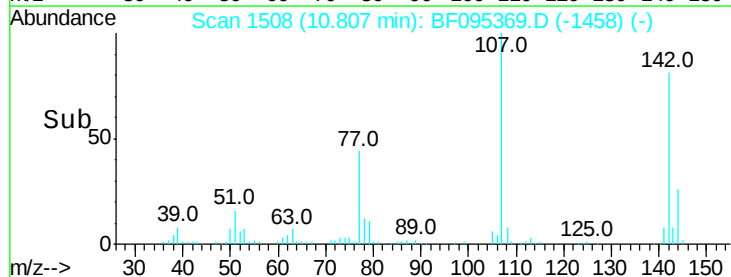
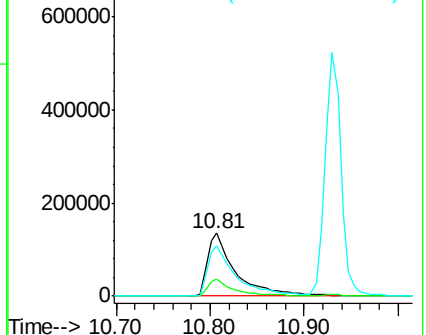
142 80.5 73.4 110.0

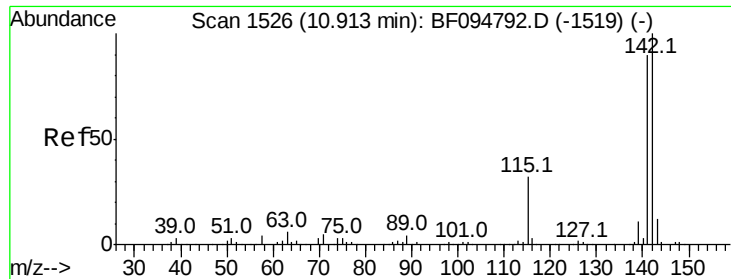


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

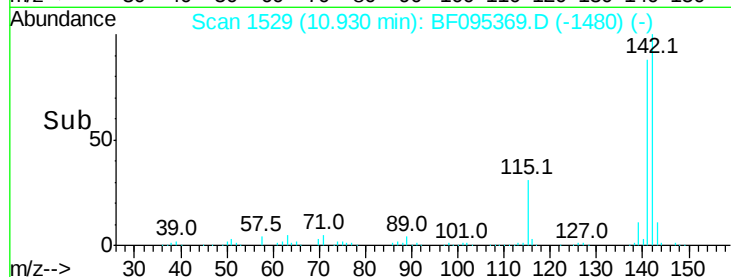
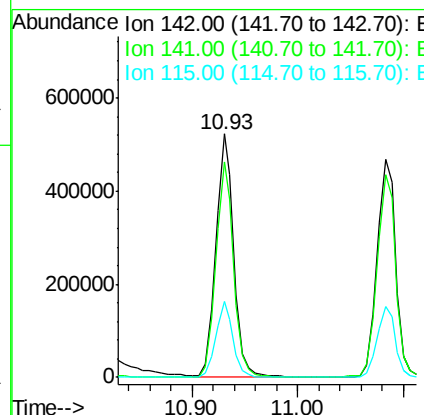
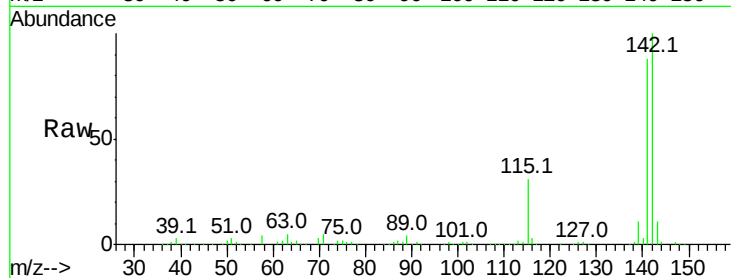




#37
2-Methylnaphthalene
Concen: 38.04 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

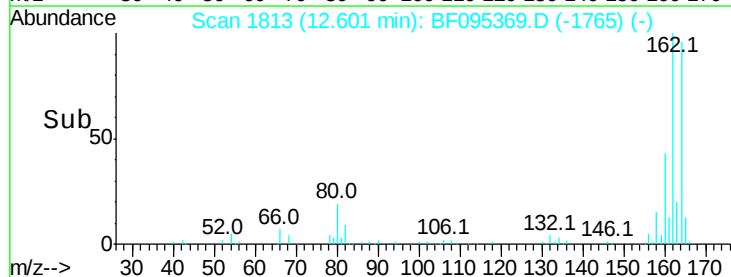
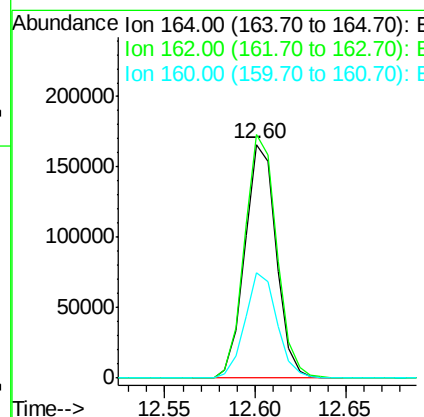
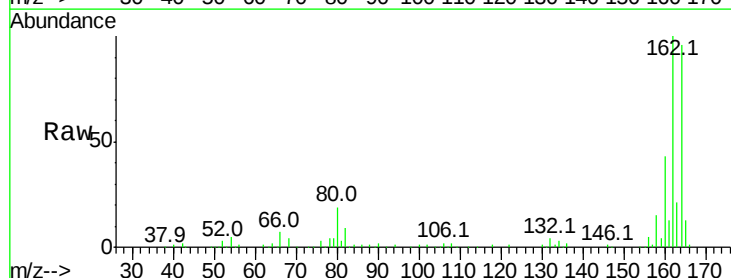
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	31.0	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	45.1	36.2	54.2

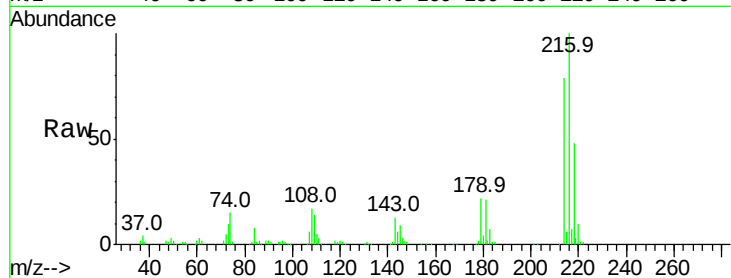




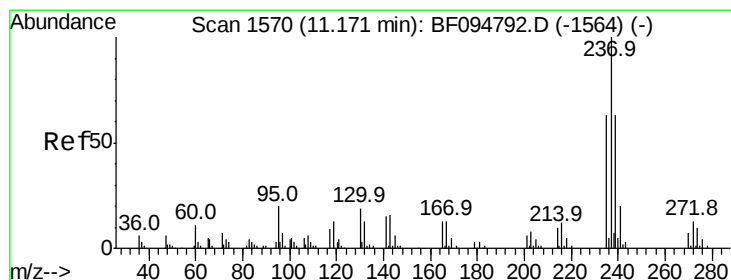
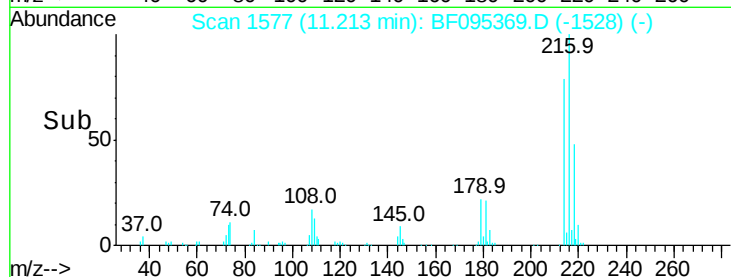
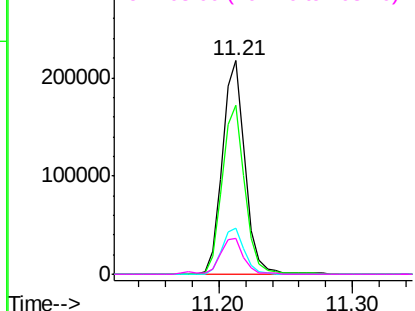
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.54 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	260752
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	21.7	17.9	26.9
108	18.0	16.5	24.7

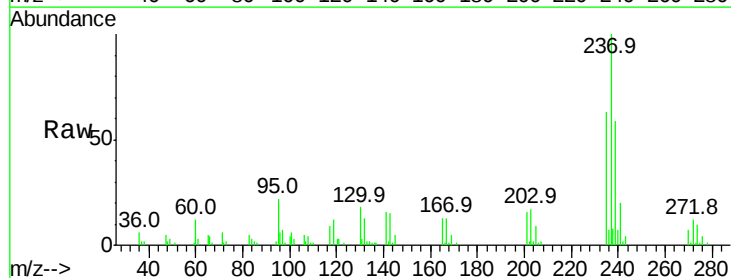


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

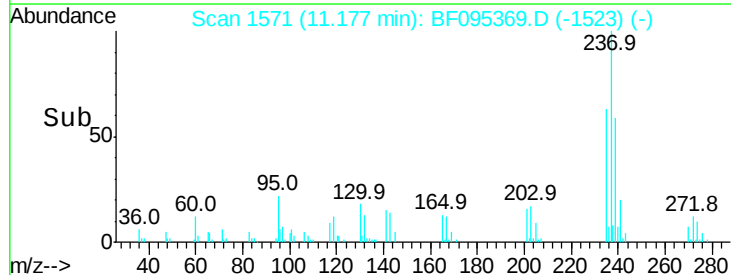
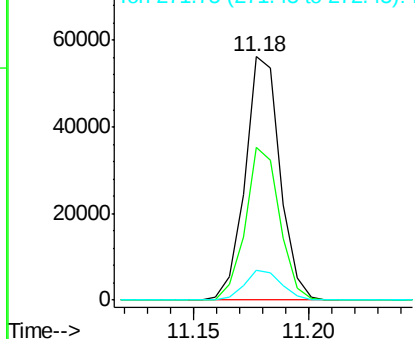


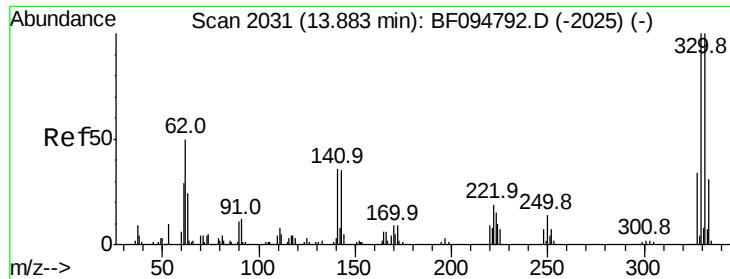
#40
 Hexachlorocyclopentadiene
 Concen: 27.31 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion:	237	Resp:	59270
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.6	82.6
272	12.1	0.0	31.9



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

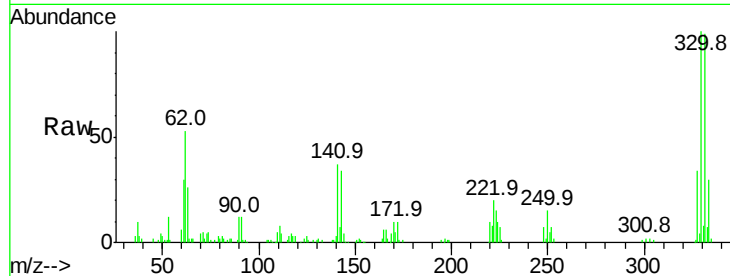




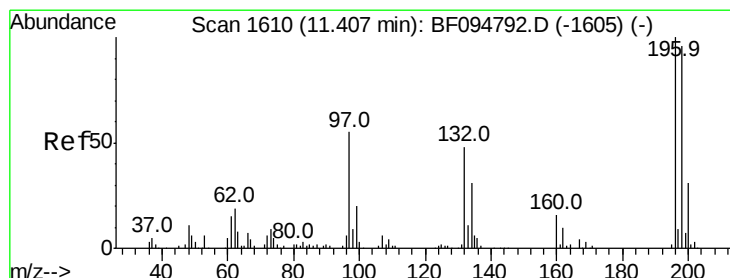
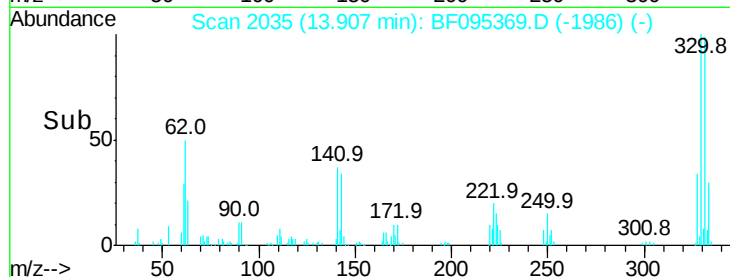
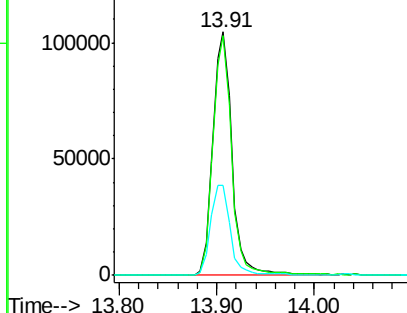
#41
 2,4,6-Tribromophenol
 Concen: 87.44 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	38.5	31.4	47.2

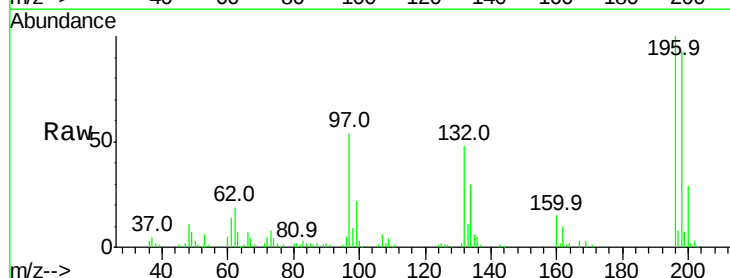


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

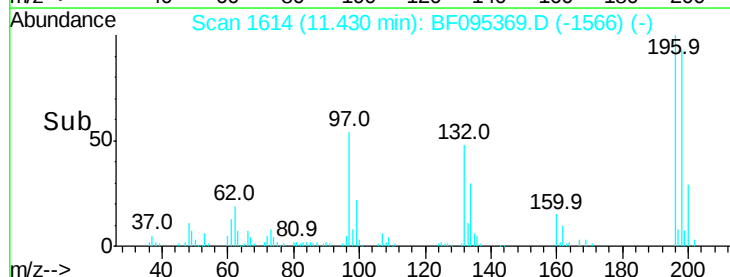
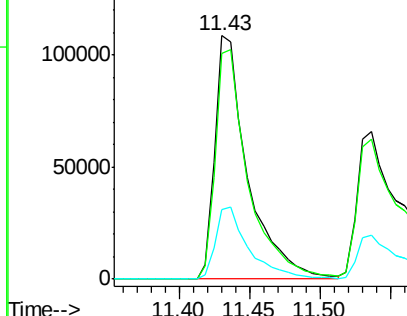


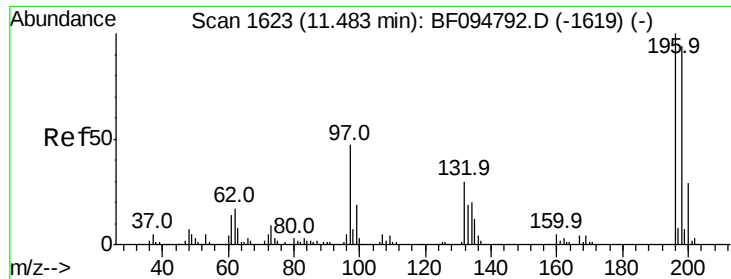
#42
 2,4,6-Trichlorophenol
 Concen: 43.18 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.2	111.4
200	28.7	24.0	36.0



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

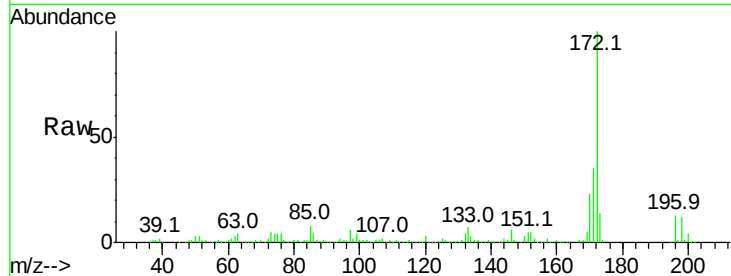




#43
 2,4,5-Trichlorophenol
 Concen: 38.50 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
97	45.9	47.7	71.5#
132	34.2	28.0	42.0



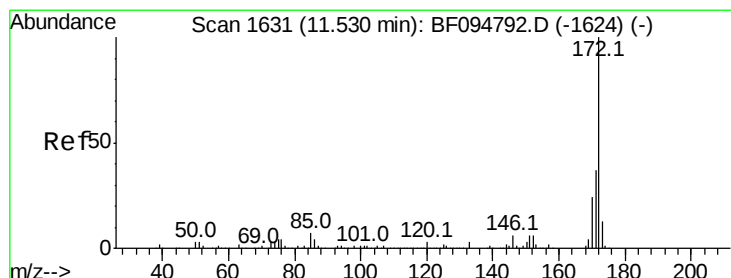
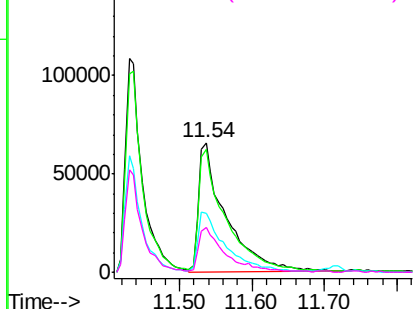
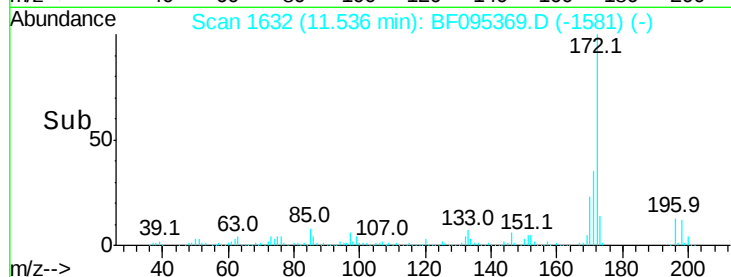
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

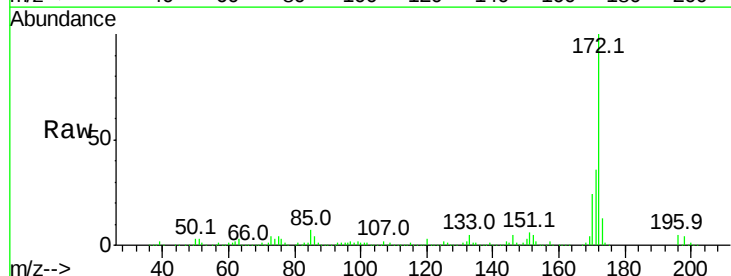
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.52 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.8	19.8	29.8

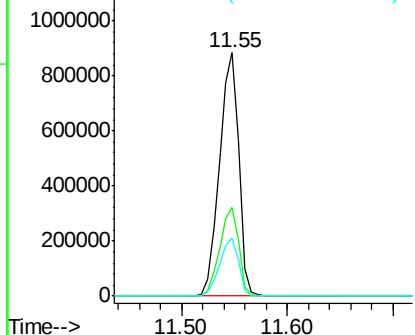
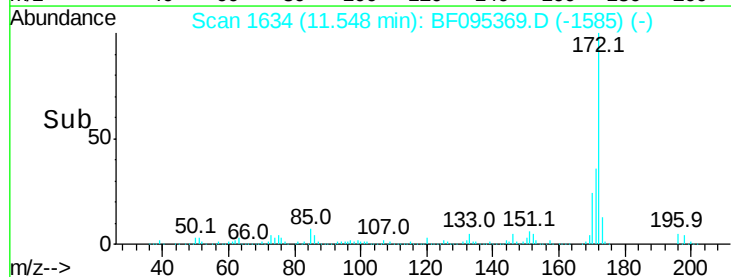


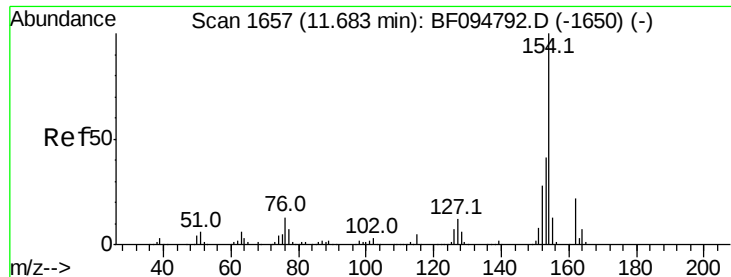
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.01 ng

RT: 11.70 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampled :

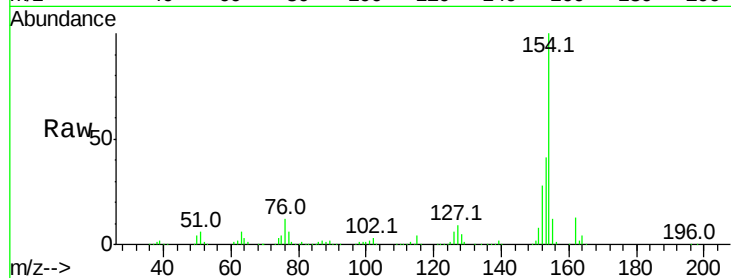
Tot Ion:154 Resp: 721817

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

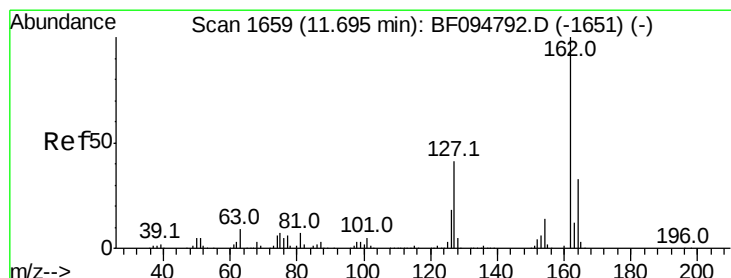
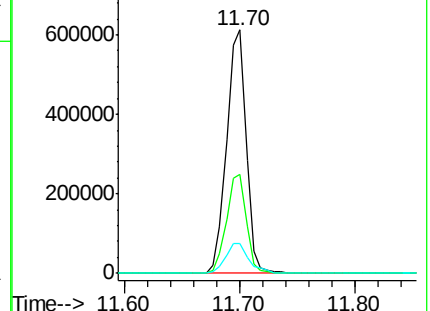
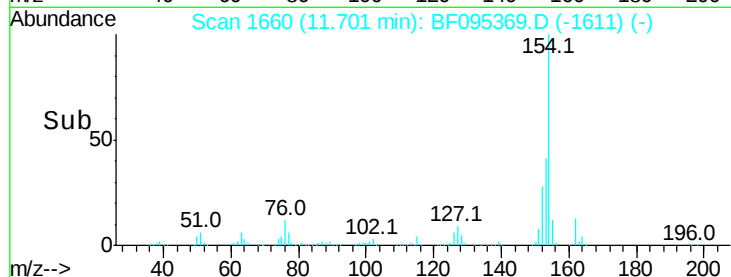
76 12.5 0.0 29.9



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: 42.19 ng

RT: 11.72 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

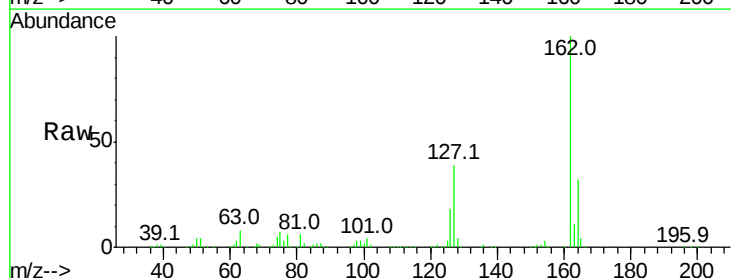
Tgt Ion:162 Resp: 571703

Ion Ratio Lower Upper

162 100

127 39.3 28.3 42.5

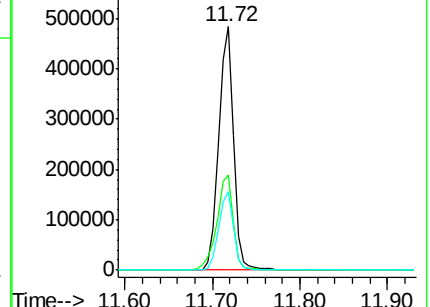
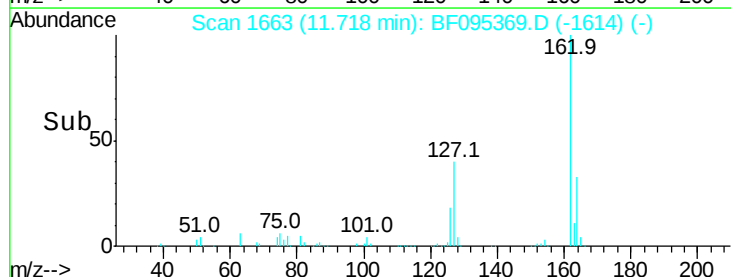
164 32.4 27.0 40.4

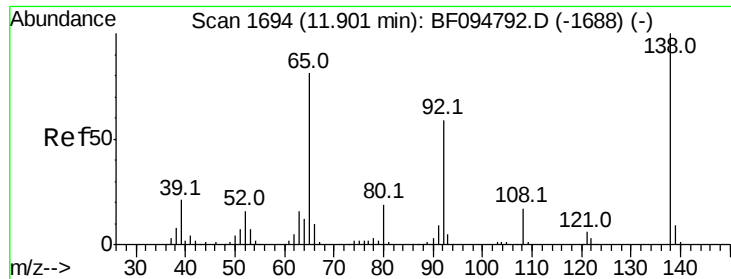


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.08 ng

RT: 11.94 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

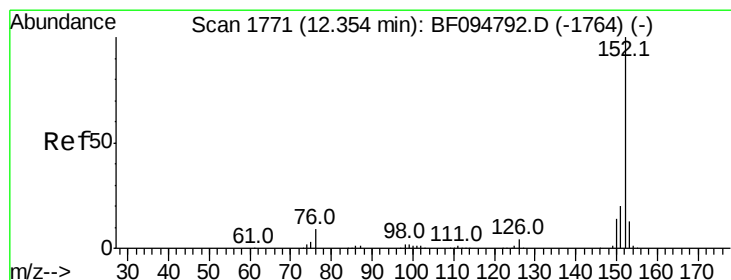
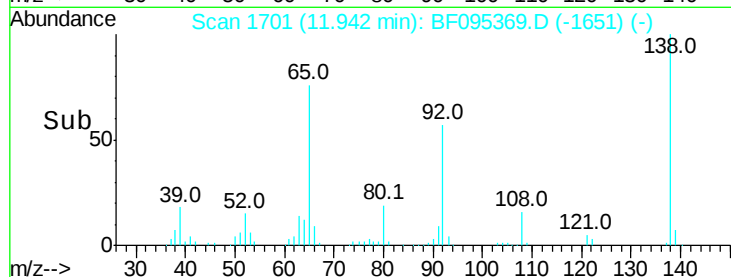
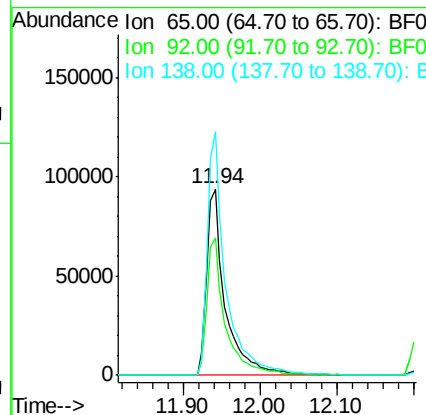
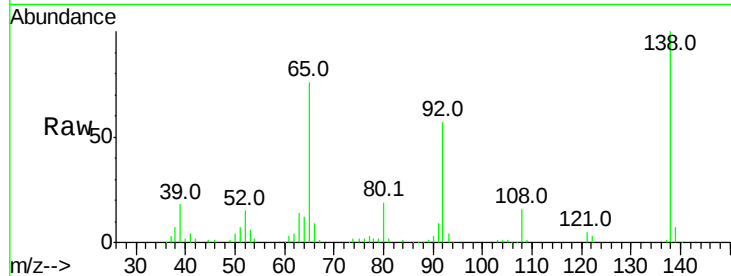
Tot Ion: 65 Resp: 159785

Ion Ratio Lower Upper

65 100

92 74.1 53.9 80.9

138 130.9 78.8 118.2#



#48

Acenaphthylene

Concen: 41.48 ng

RT: 12.37 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

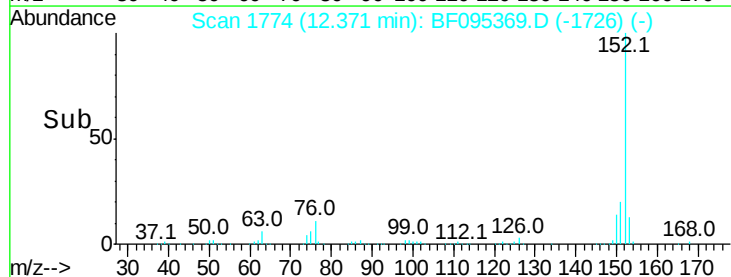
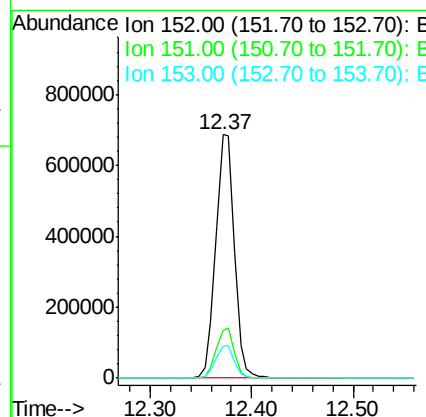
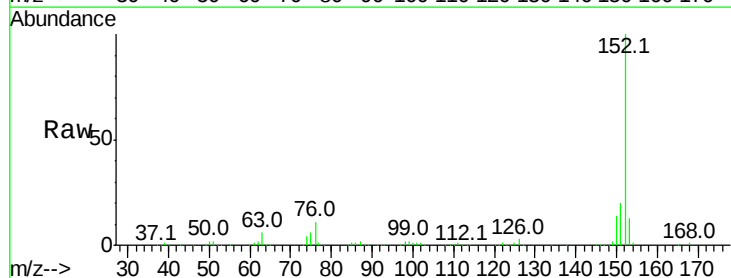
Tgt Ion: 152 Resp: 880503

Ion Ratio Lower Upper

152 100

151 19.9 16.8 25.2

153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 41.47 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

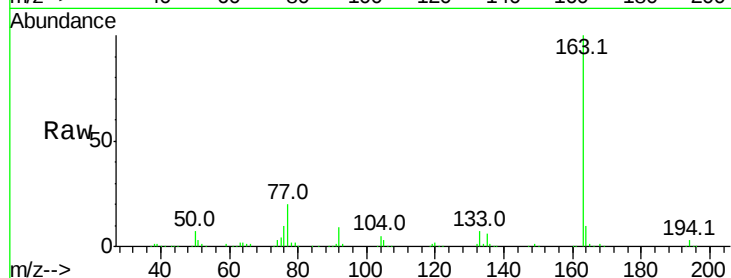
Tot Ion:163 Resp: 678684

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

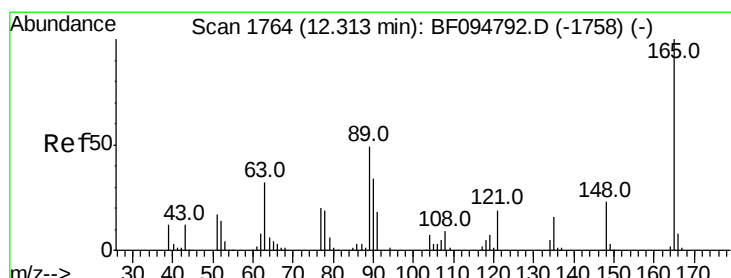
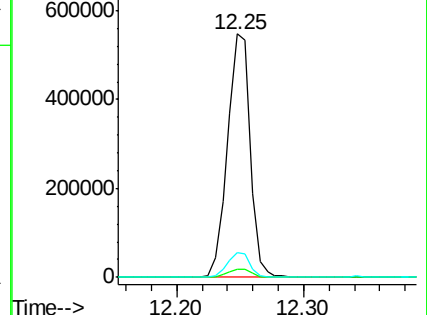
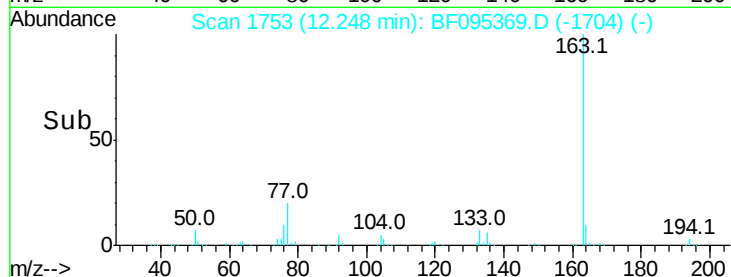
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.09 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

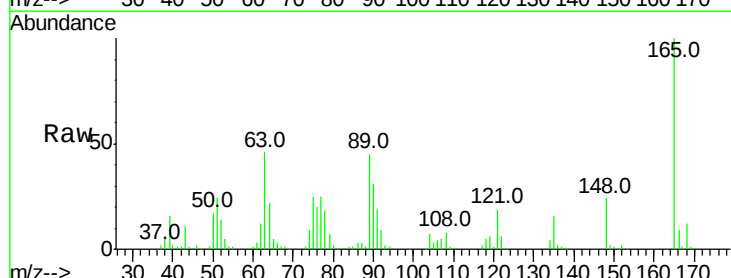
Tgt Ion:165 Resp: 143869

Ion Ratio Lower Upper

165 100

63 46.4 34.3 51.5

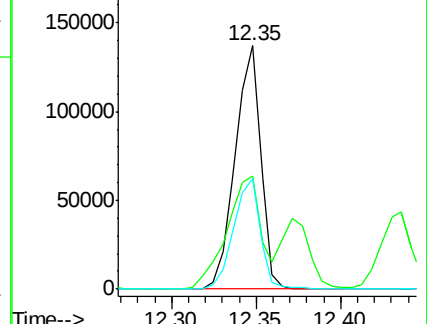
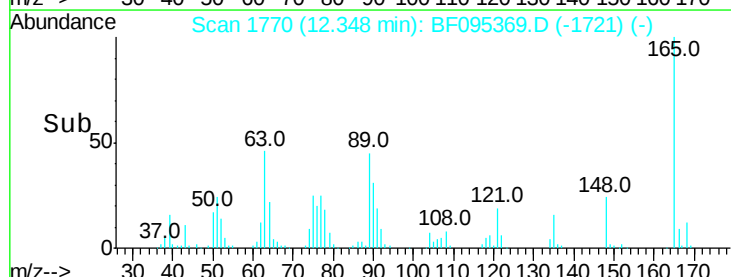
89 45.3 37.1 55.7

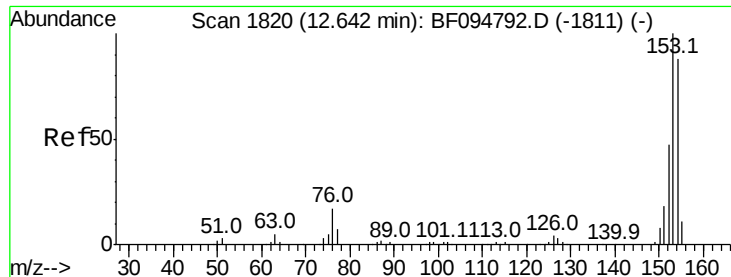


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.54 ng

RT: 12.66 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

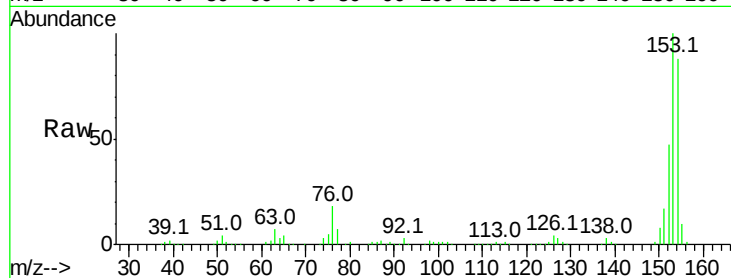
Tot Ion:154 Resp: 526590

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

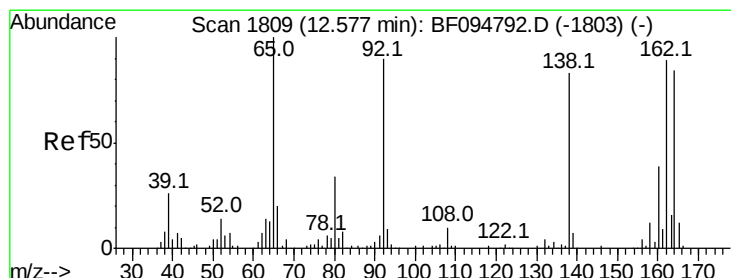
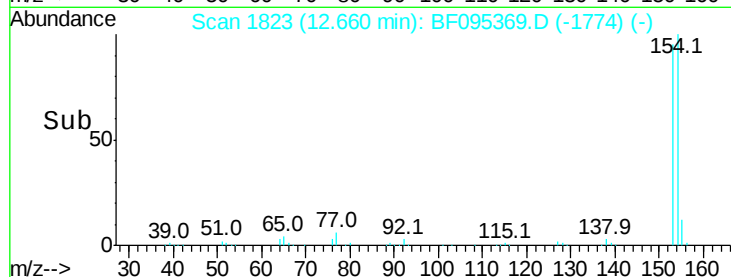
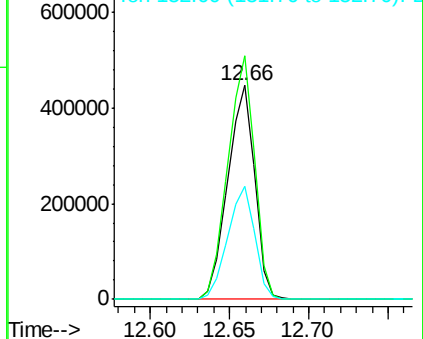
152 53.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.87 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

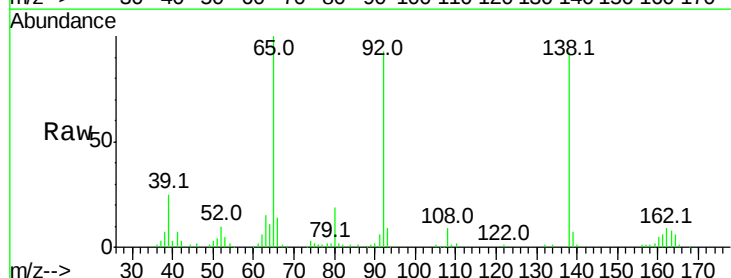
Tgt Ion:138 Resp: 153615

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

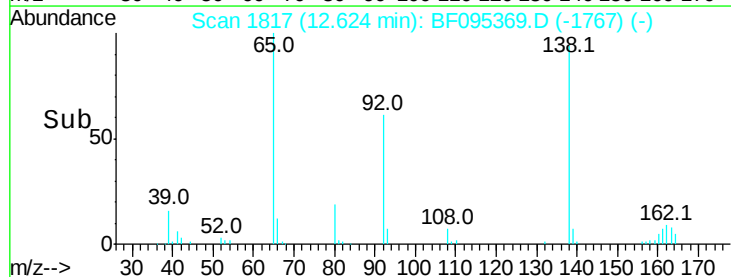
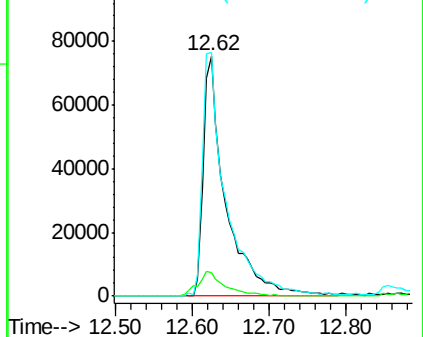
92 101.3 93.8 140.6

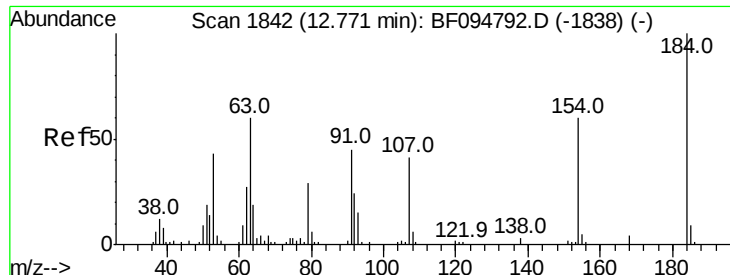


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

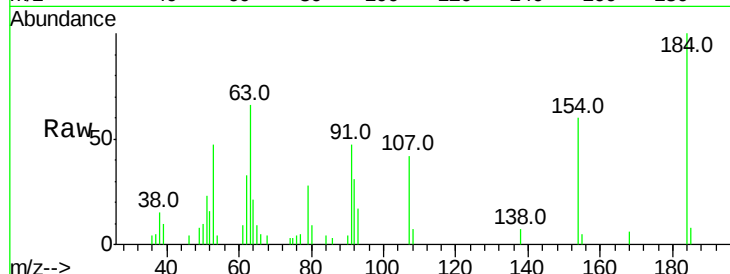




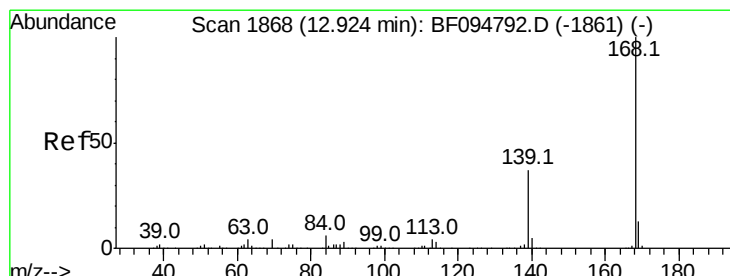
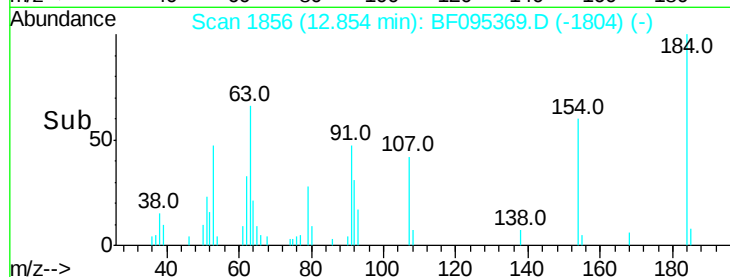
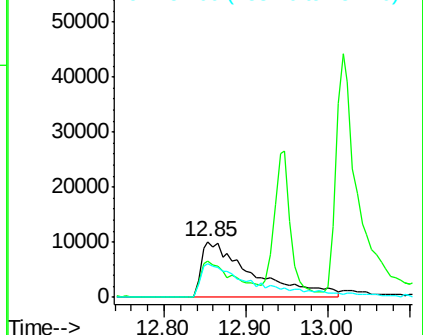
#53
 2,4-Dinitrophenol
 Concen: 28.38 ng
 RT: 12.85 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 44154
 Ion Ratio Lower Upper
 184 100
 63 65.6 62.7 94.1
 154 59.7 81.1 121.7#

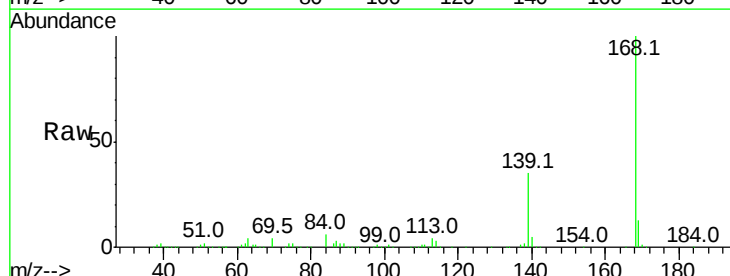


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

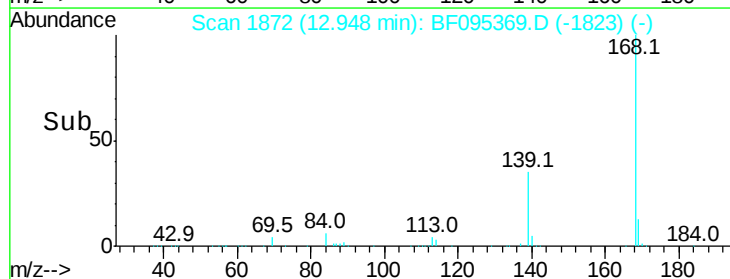
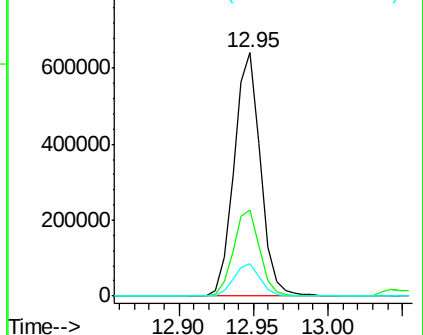


#54
 Dibenzofuran
 Concen: 45.17 ng
 RT: 12.95 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion:168 Resp: 792524
 Ion Ratio Lower Upper
 168 100
 139 35.4 30.6 45.8
 169 13.3 10.8 16.2



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

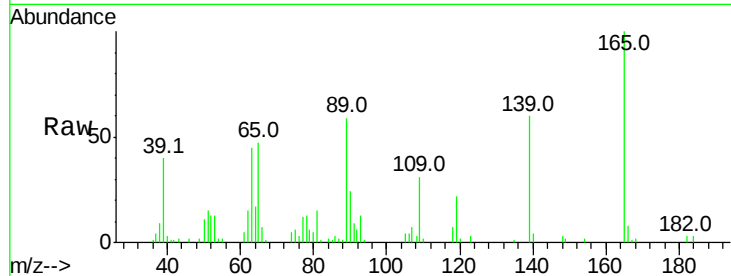




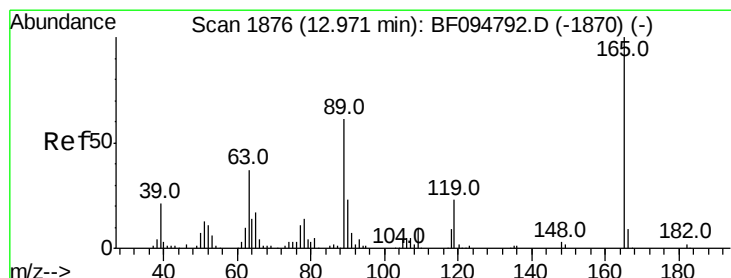
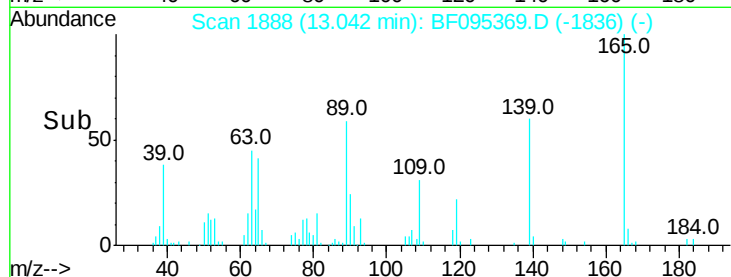
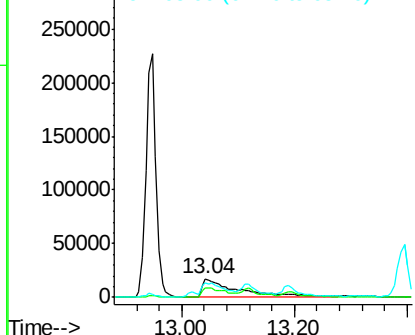
#55
4-Nitrophenol
Concen: 36.88 ng
RT: 13.04 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 79370
Ion Ratio Lower Upper
139 100
109 51.3 34.1 74.1
65 79.0 31.4 71.4#



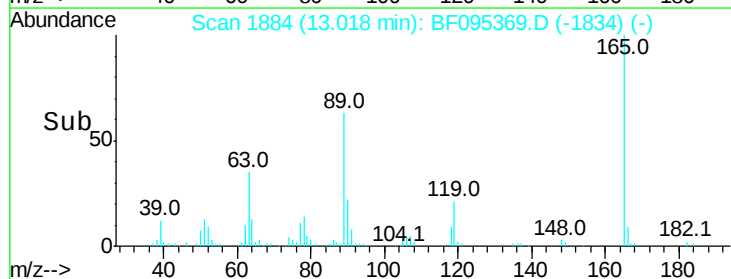
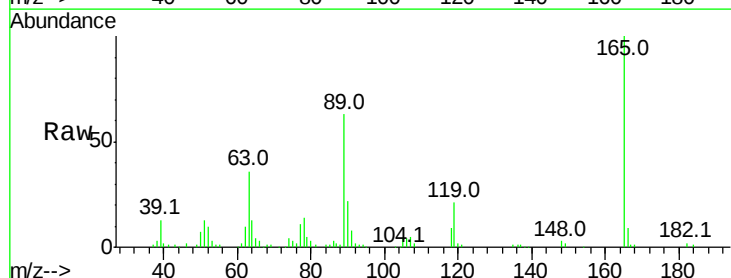
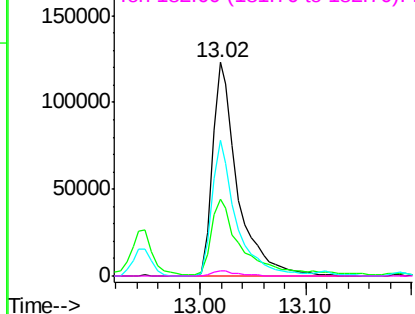
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

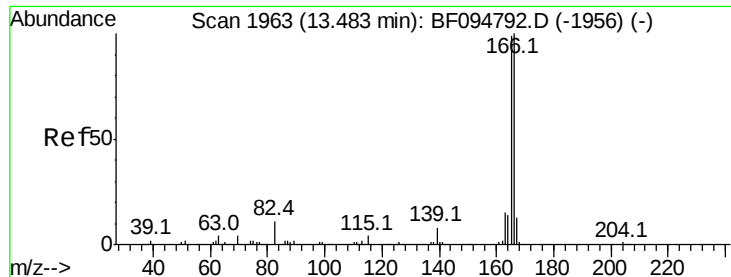


#56
2,4-Dinitrotoluene
Concen: 47.61 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion:165 Resp: 204217
Ion Ratio Lower Upper
165 100
63 35.9 25.4 38.0
89 63.3 46.4 69.6
182 2.3 1.8 2.6

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

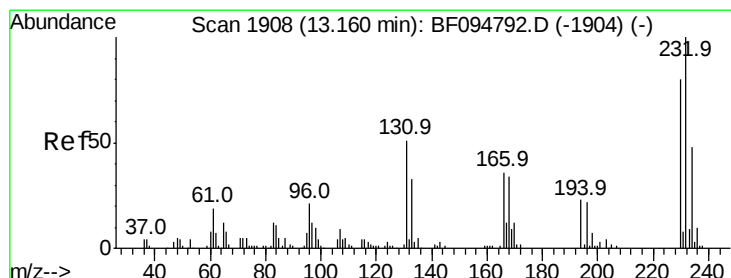
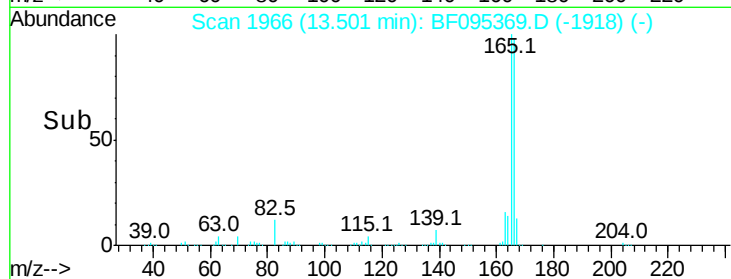
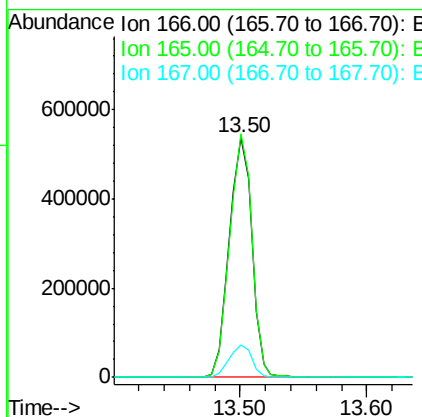
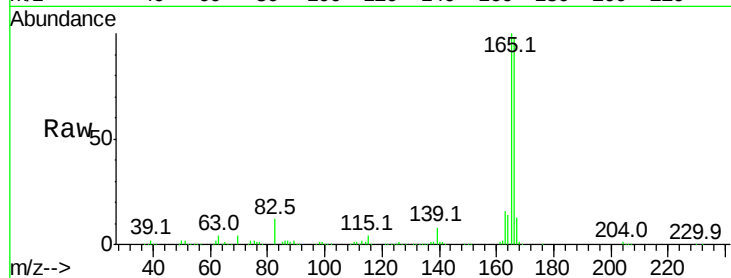




#57
 Fluorene
 Concen: 43.32 ng
 RT: 13.50 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

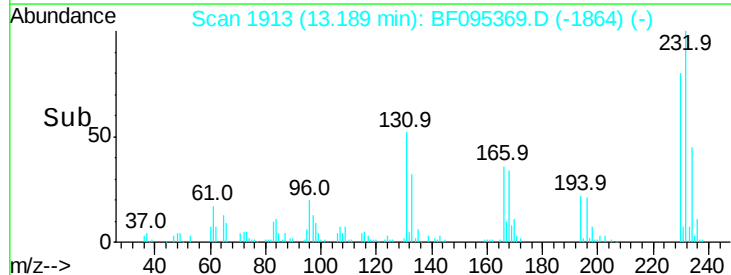
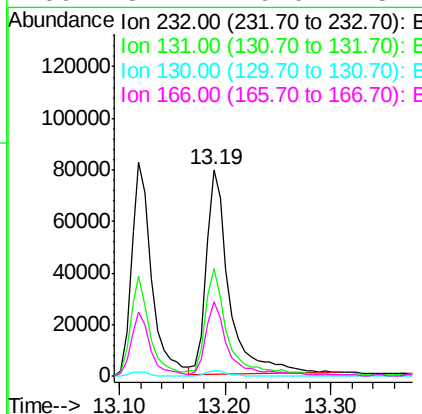
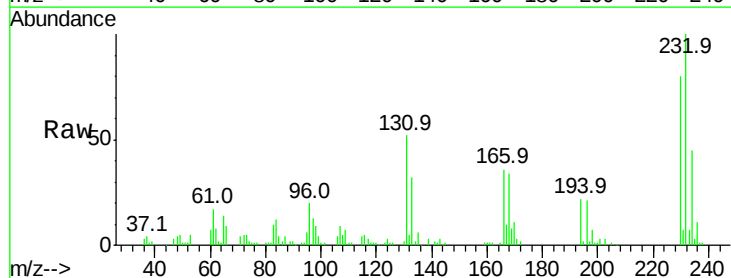
Instrument :
 BNA_F
 ClientSampleId :

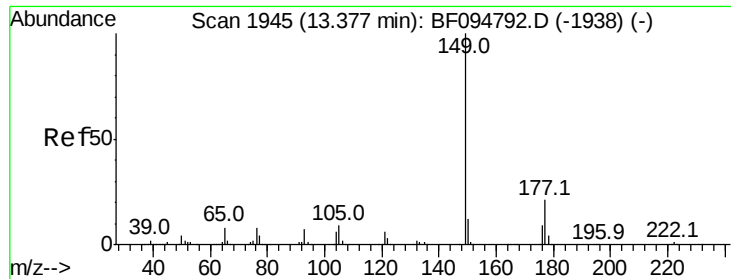
Tot Ion:166 Resp: 660898
 Ion Ratio Lower Upper
 166 100
 165 101.7 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.61 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion:232 Resp: 120723
 Ion Ratio Lower Upper
 232 100
 131 51.0 44.8 67.2
 130 2.3 2.3 3.5#
 166 37.2 29.0 43.4

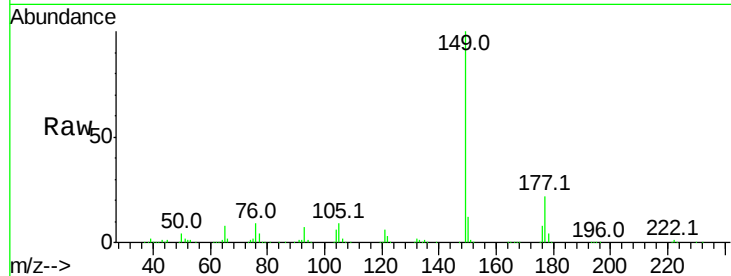




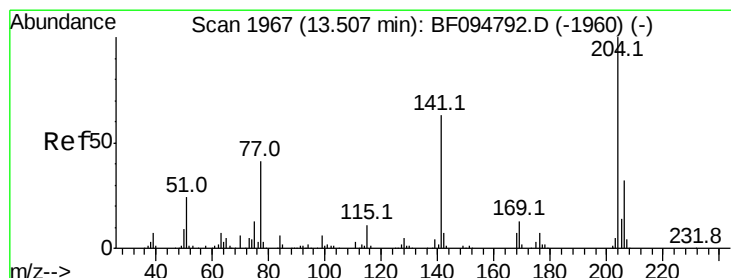
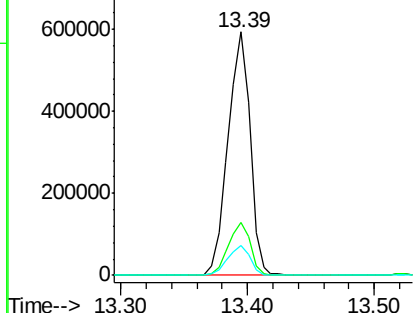
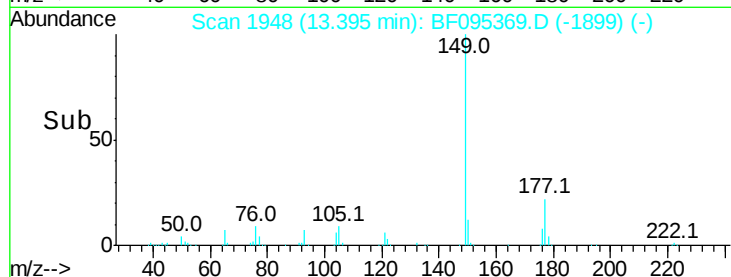
#59
Diethylphthalate
Concen: 45.53 ng
RT: 13.39 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.2	10.2	15.2

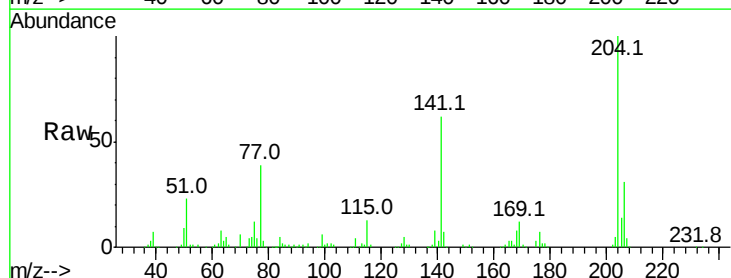


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

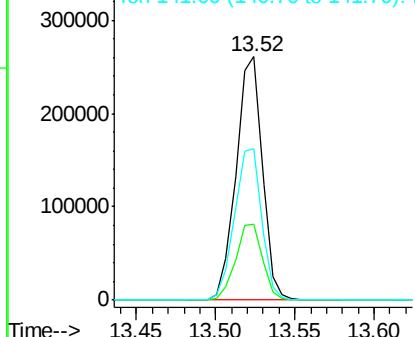
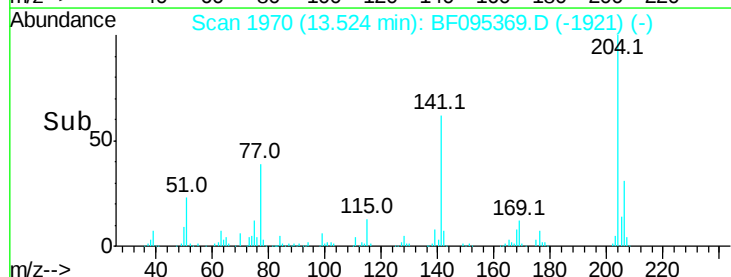


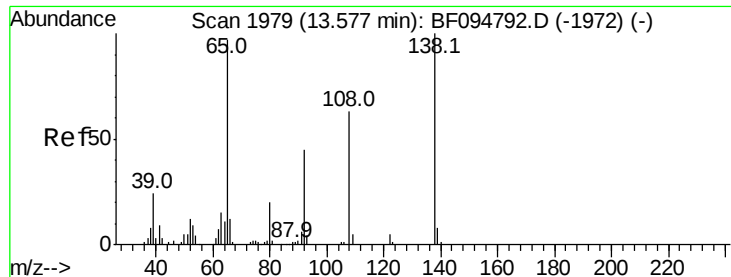
#60
4-Chlorophenyl-phenylether
Concen: 44.73 ng
RT: 13.52 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.2	39.2
141	62.4	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: 38.51 ng

RT: 13.62 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

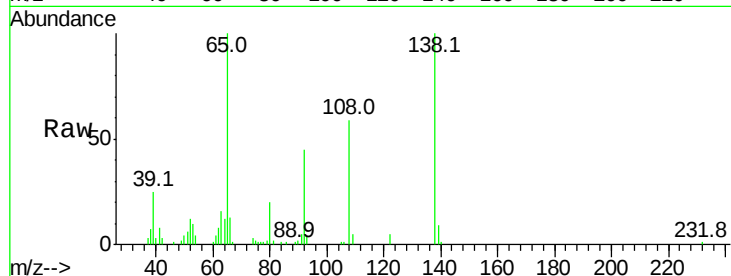
Tot Ion:138 Resp: 126665

Ion Ratio Lower Upper

138 100

92 45.4 21.8 61.8

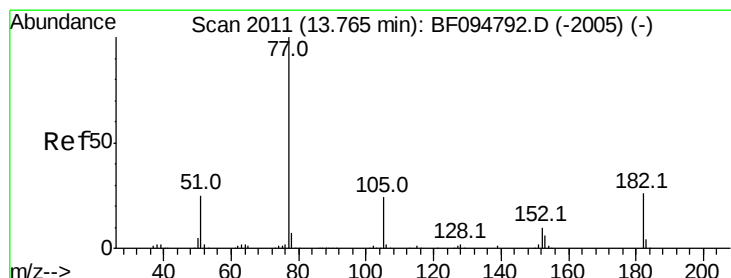
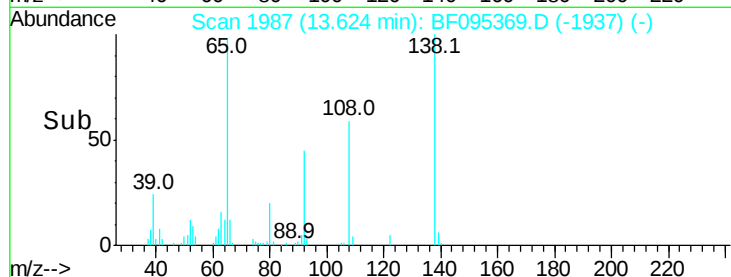
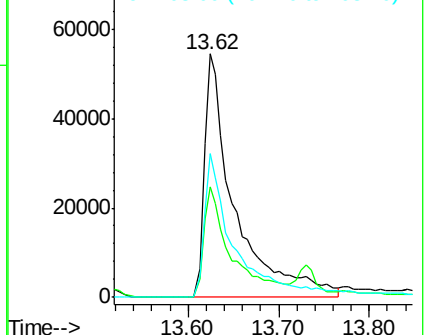
108 59.3 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.15 ng

RT: 13.78 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion: 77 Resp: 569084

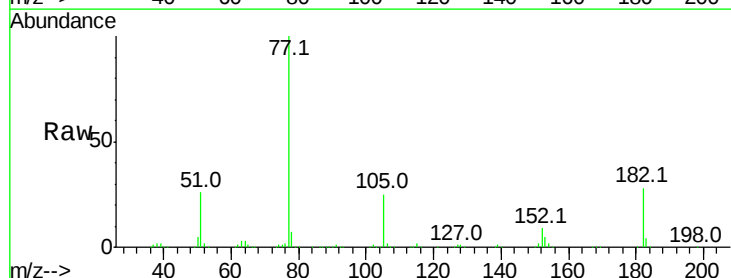
Ion Ratio Lower Upper

77 100

182 28.4 0.1 40.1

105 25.0 3.6 43.6

51 26.1 9.4 49.4

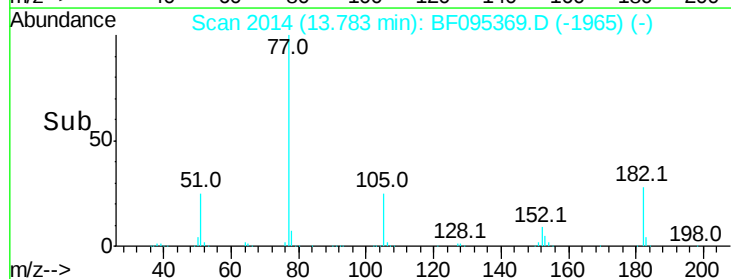
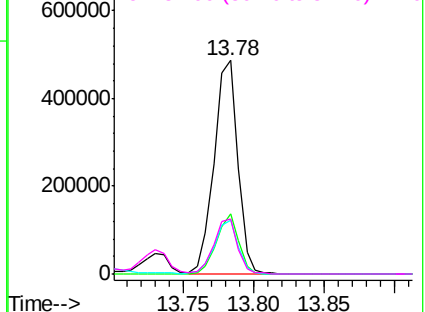


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

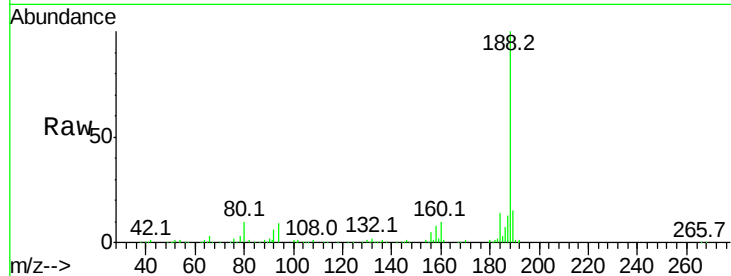
Tot Ion:188 Resp: 353897

Ion Ratio Lower Upper

188 100

94 9.2 9.4 14.2#

80 10.0 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

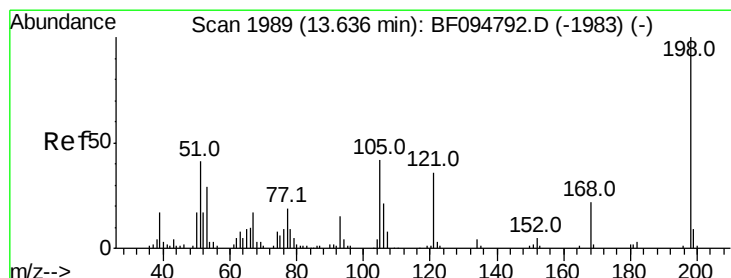
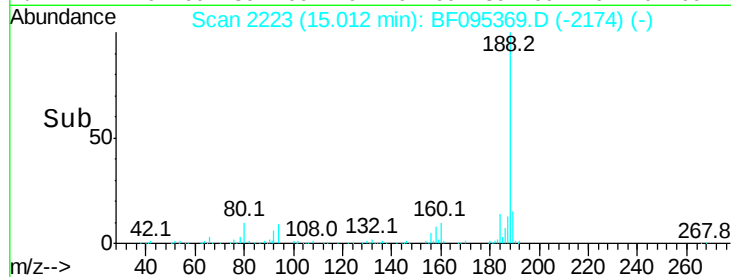
300000 15.01

200000

100000

0

Time--> 14.95 15.00 15.05 15.10



#64

4,6-Dinitro-2-methylphenol

Concen: 33.22 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

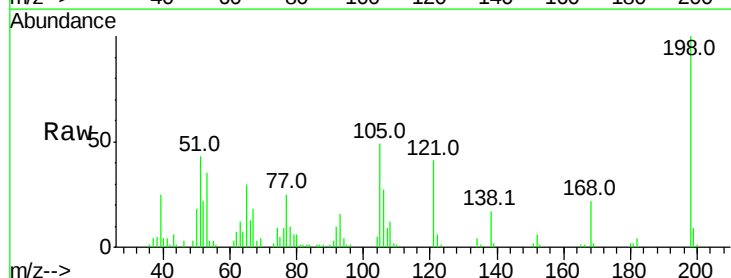
Tgt Ion:198 Resp: 78809

Ion Ratio Lower Upper

198 100

51 43.3 53.2 93.2#

105 48.6 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

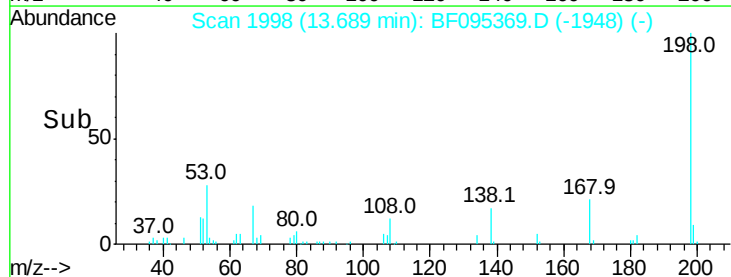
150000

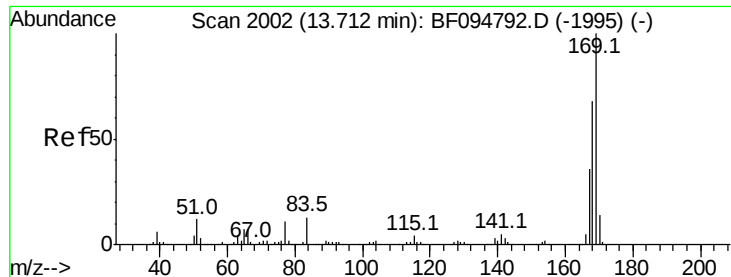
100000

50000

0

Time--> 13.60 13.70 13.80 13.90

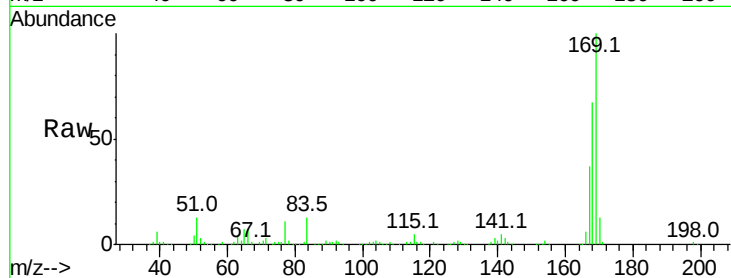




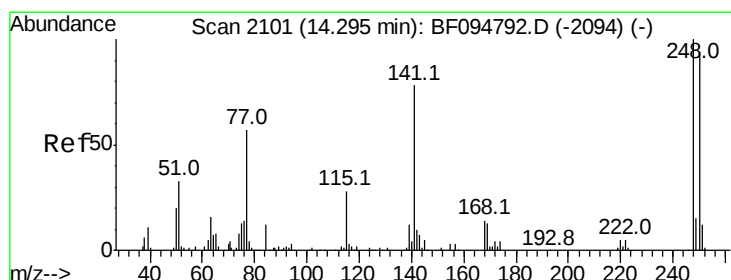
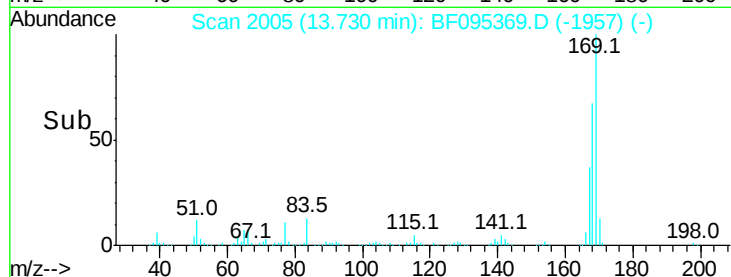
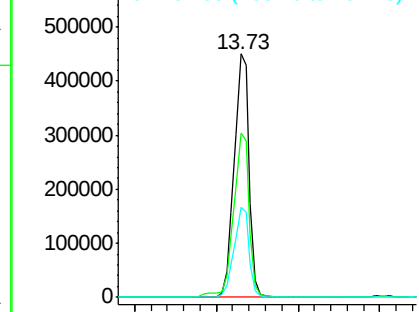
#65
n-Nitrosodiphenylamine
Concen: 44.54 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 572124
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 36.7 29.5 44.3

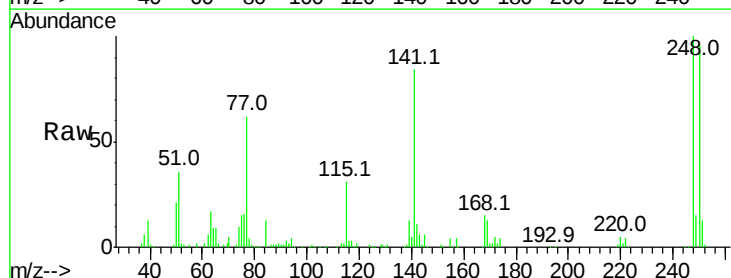


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

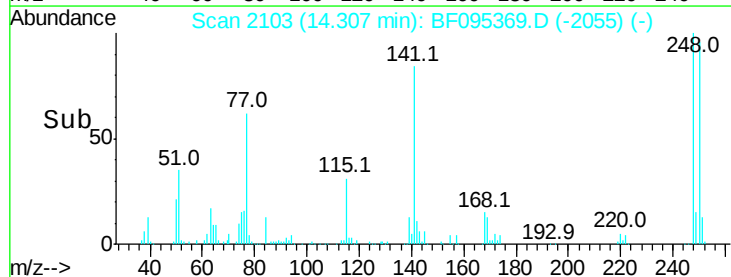
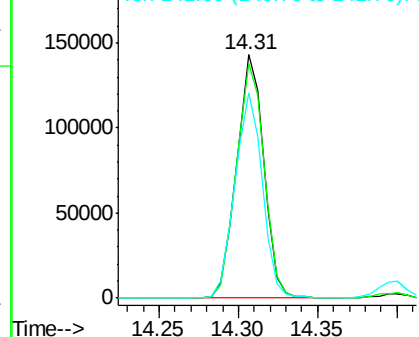


#66
4-Bromophenyl-phenylether
Concen: 45.59 ng
RT: 14.31 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion:248 Resp: 170444
Ion Ratio Lower Upper
248 100
250 96.3 76.8 115.2
141 84.2 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

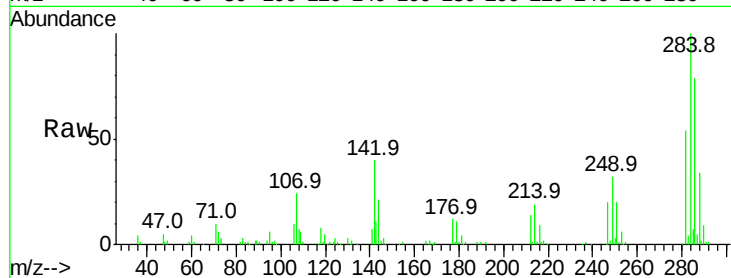




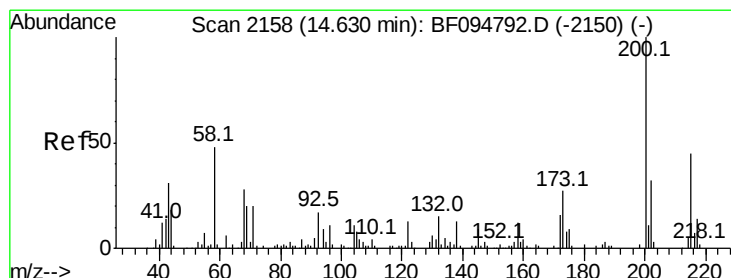
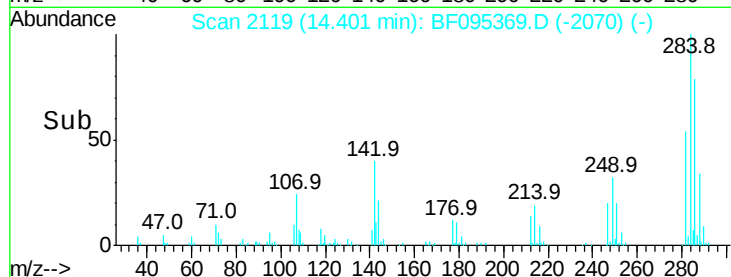
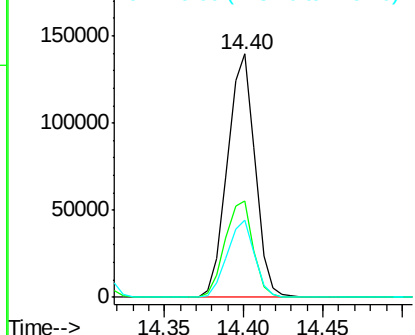
#67
Hexachlorobenzene
Concen: 44.05 ng
RT: 14.40 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 168786
Ion Ratio Lower Upper
284 100
142 39.8 22.8 34.2#
249 31.7 24.0 36.0

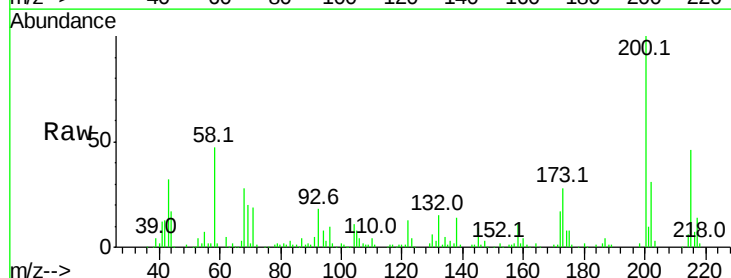


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

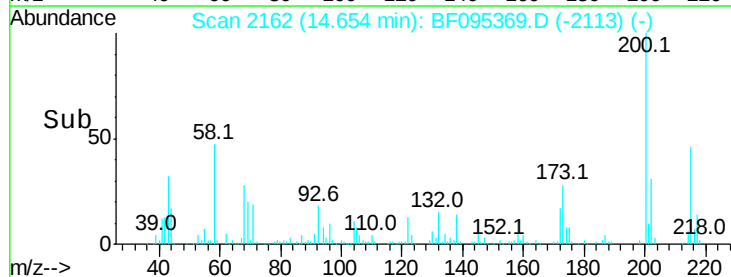
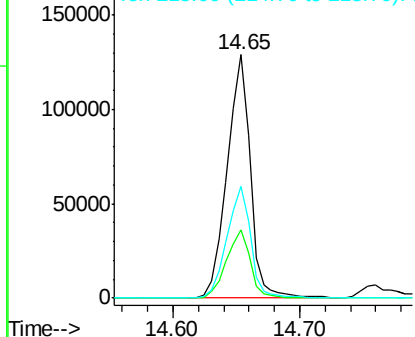


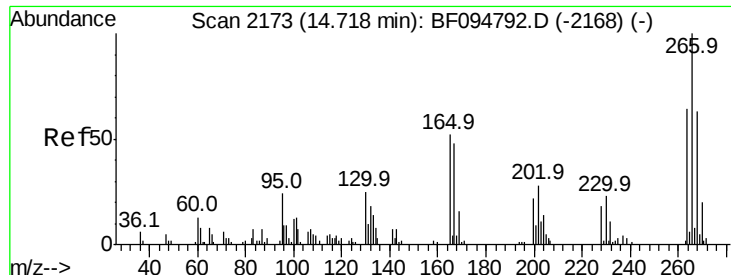
#68
Atrazine
Concen: 45.04 ng
RT: 14.65 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion:200 Resp: 163339
Ion Ratio Lower Upper
200 100
173 28.3 6.3 46.3
215 45.7 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

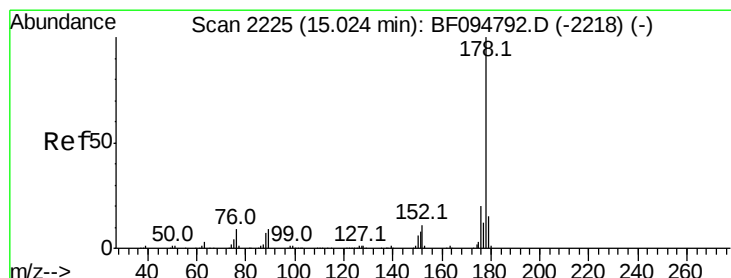
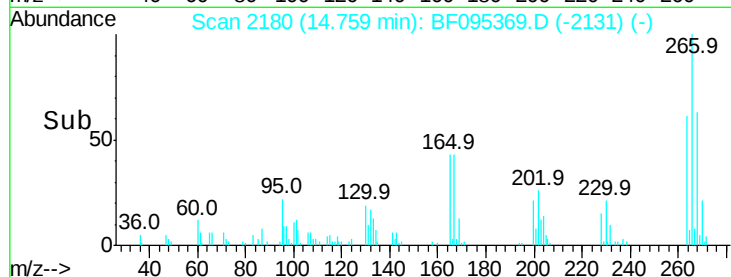
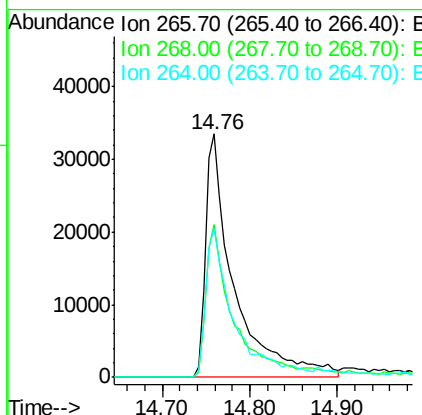
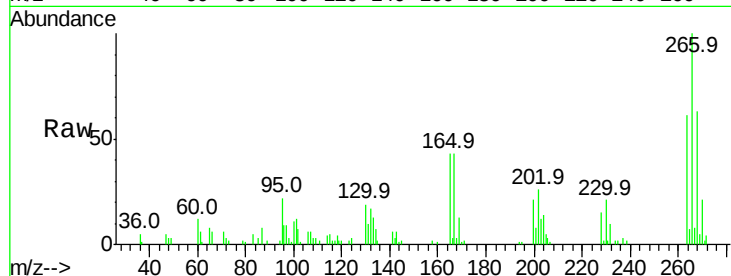




#69
 Pentachlorophenol
 Concen: 46.11 ng
 RT: 14.76 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

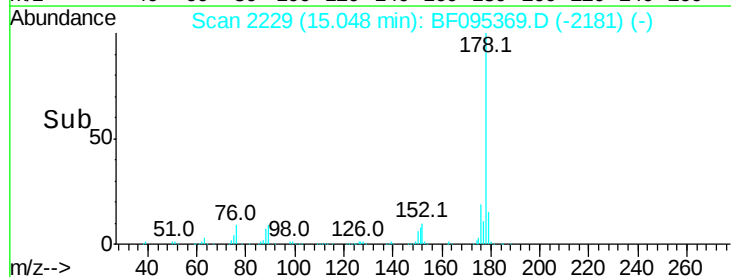
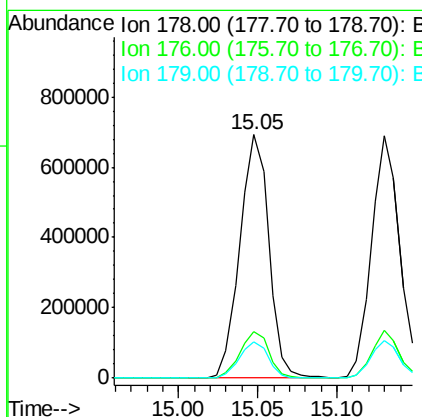
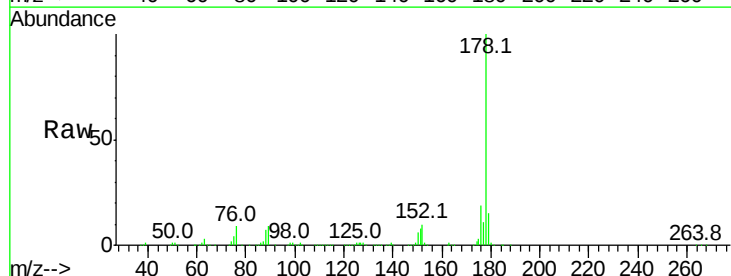
Instrument :
 BNA_F
 ClientSampled :

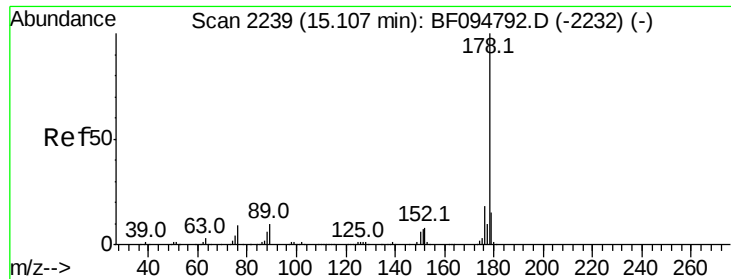
Tot Ion:266 Resp: 75244
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 61.0 51.7 77.5



#70
 Phenanthrene
 Concen: 43.36 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion:178 Resp: 881581
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.1 12.6 19.0

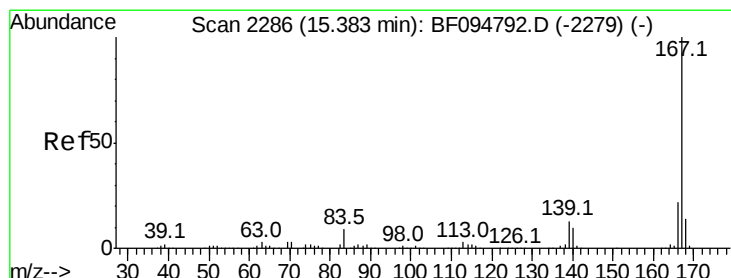
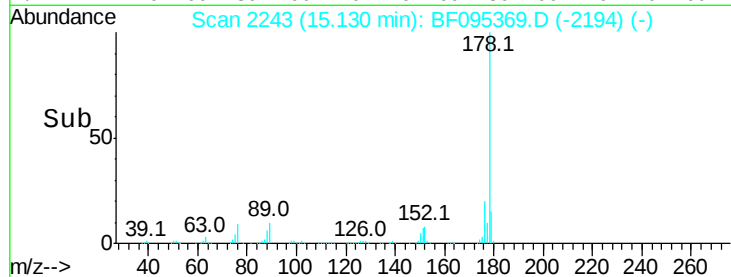
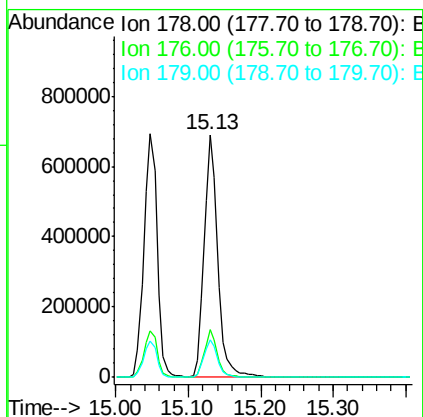
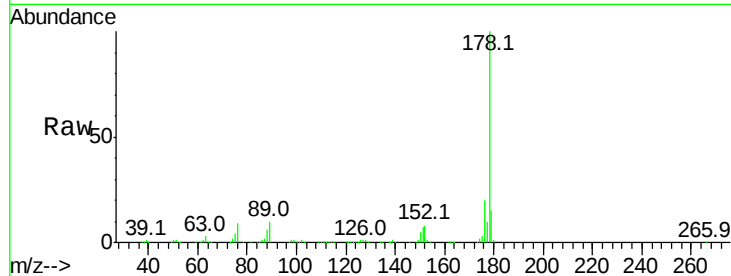




#71
 Anthracene
 Concen: 43.54 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

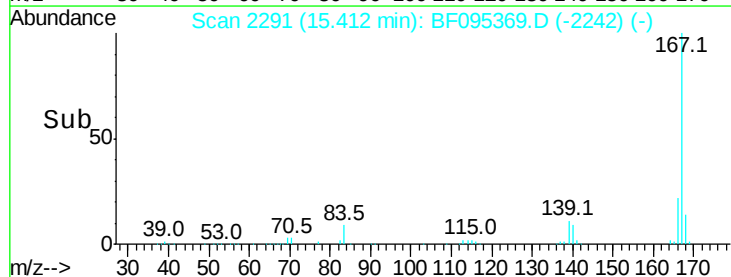
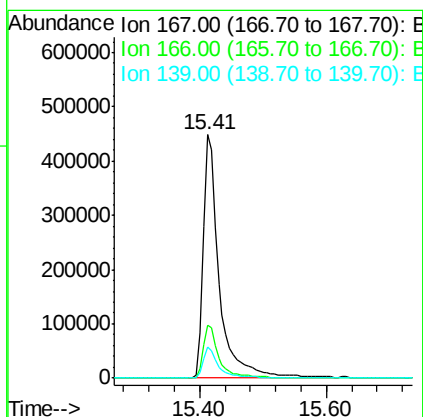
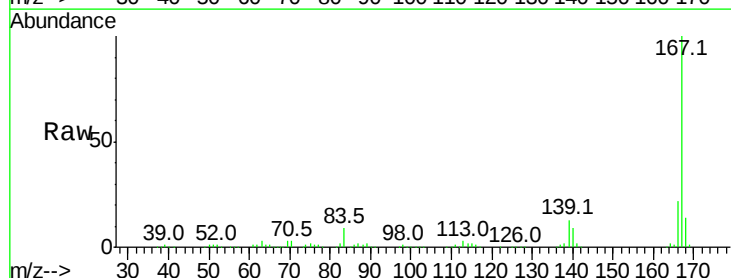
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 904353
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 41.90 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion:167 Resp: 791839
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.7 11.7 17.5

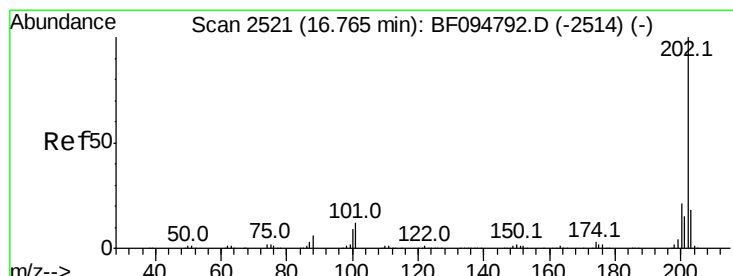
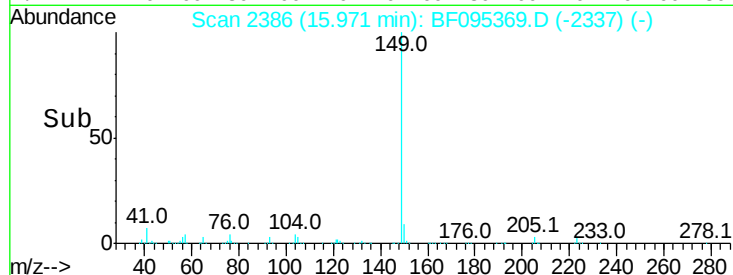
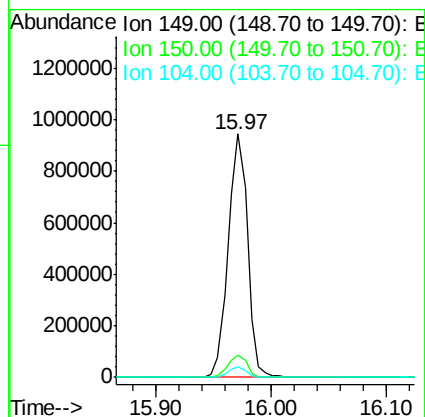
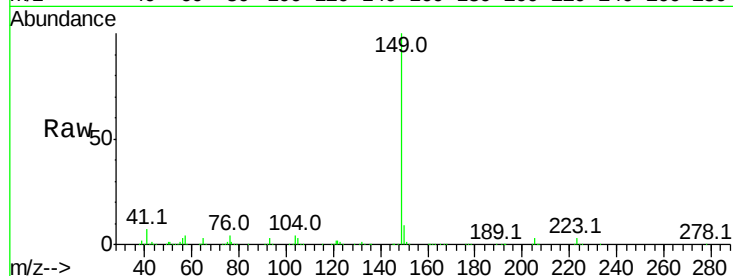




#73
Di-n-butylphthalate
Concen: 46.52 ng
RT: 15.97 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

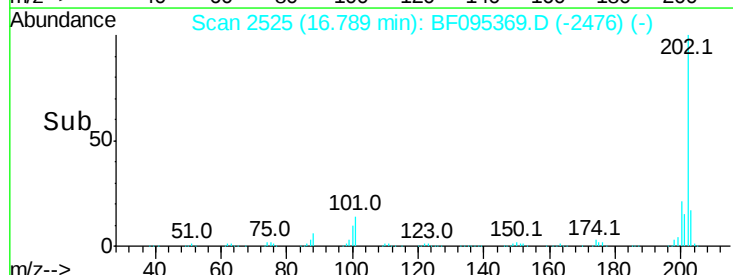
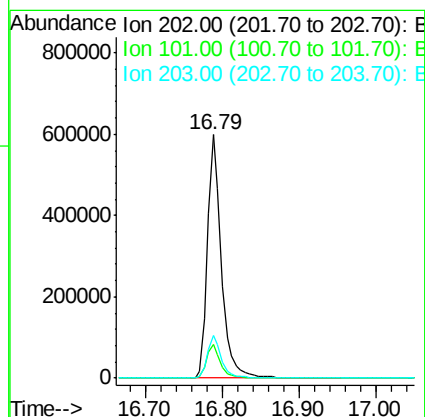
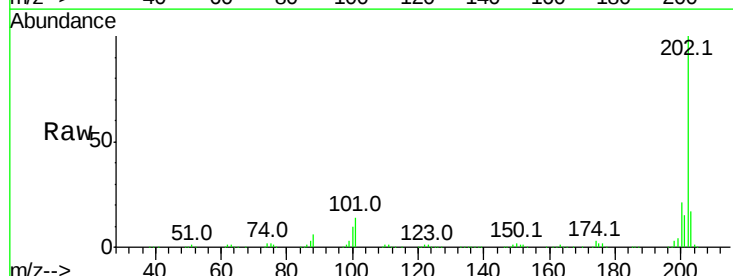
Instrument :
BNA_F
ClientSampleId :

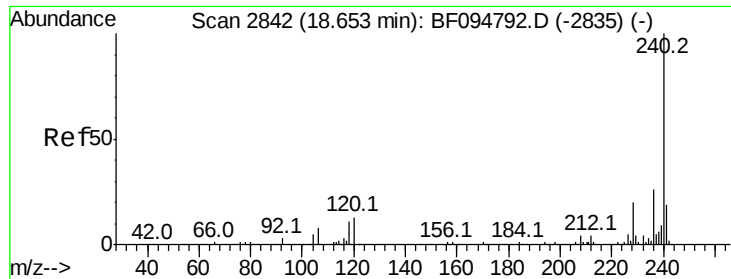
Tot Ion:149 Resp: 1096441
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 36.08 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion:202 Resp: 752572
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

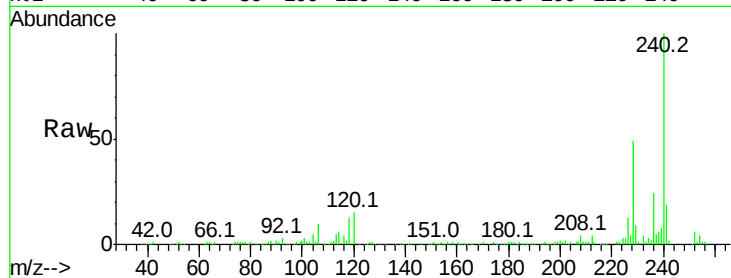
Tot Ion:240 Resp: 208551

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

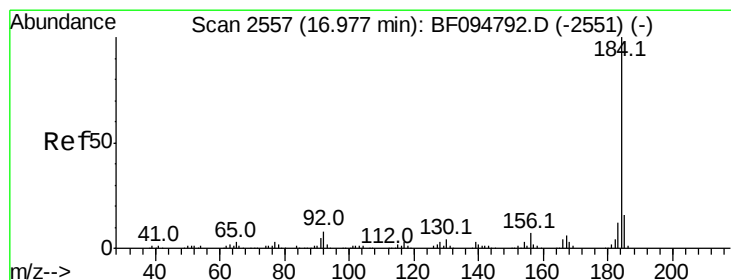
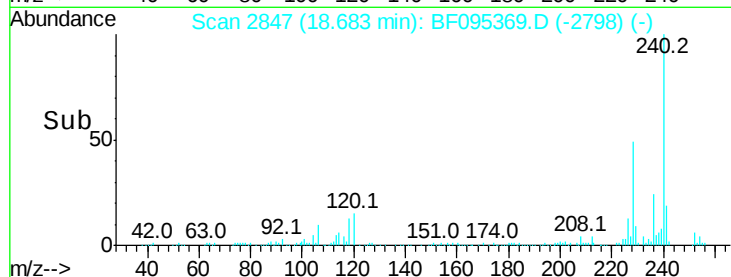
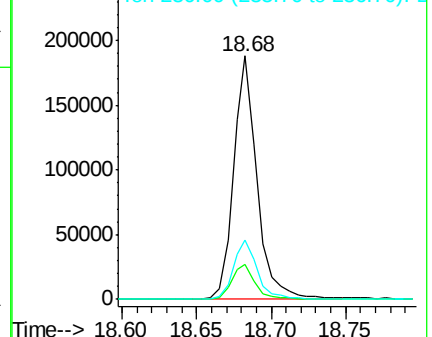
236 24.5 20.5 30.7



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: 48.03 ng

RT: 17.02 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

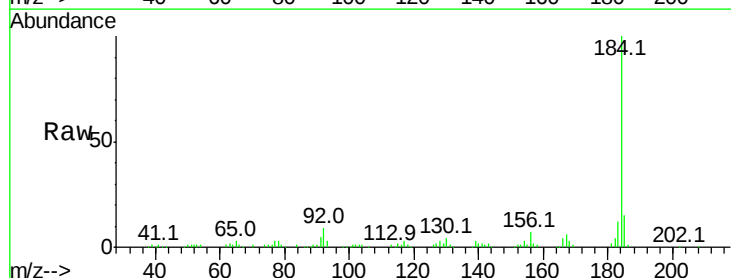
Tgt Ion:184 Resp: 270902

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

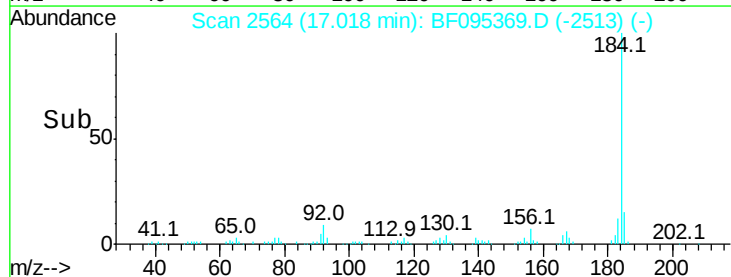
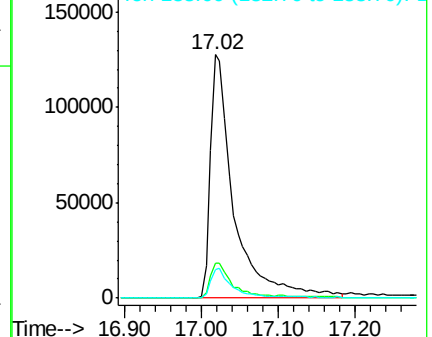
183 11.6 9.8 14.6

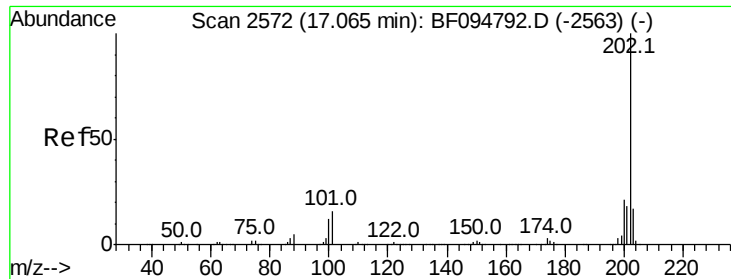


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.19 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

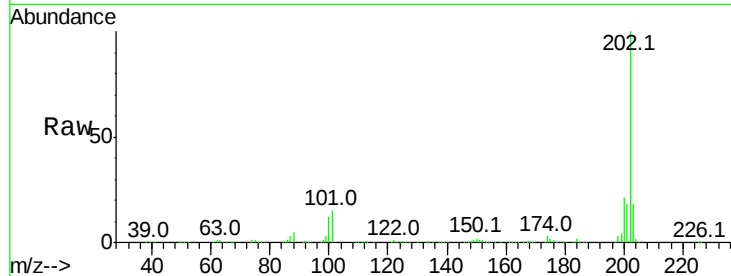
Tot Ion:202 Resp: 751588

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

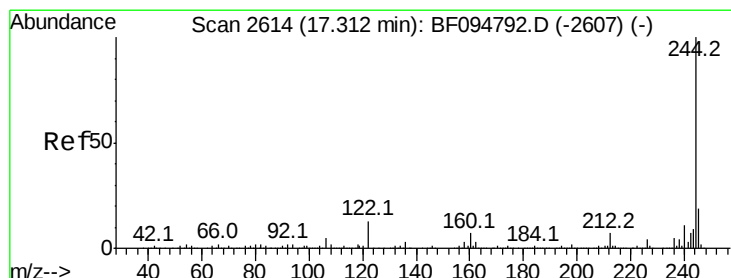
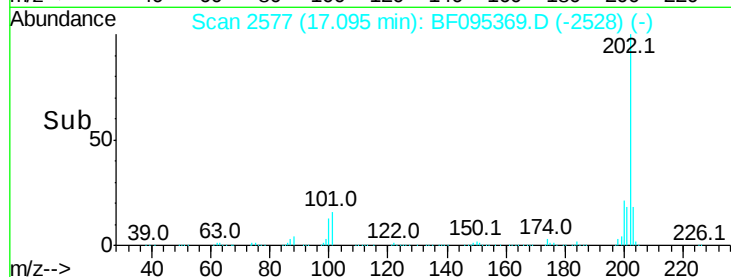
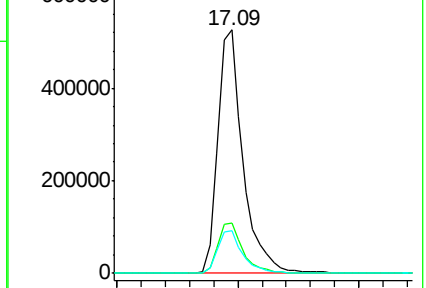
203 17.5 14.4 21.6



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: 97.16 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

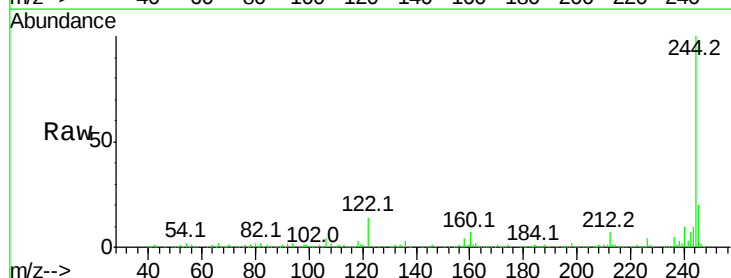
Tgt Ion:244 Resp: 919979

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

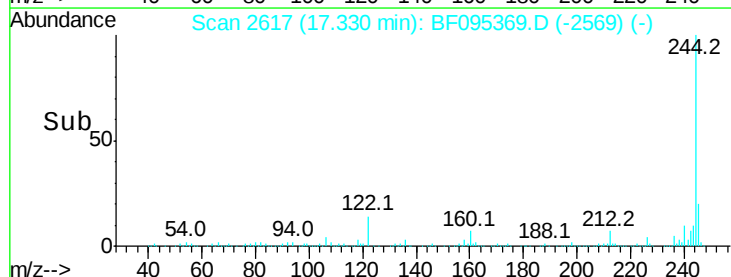
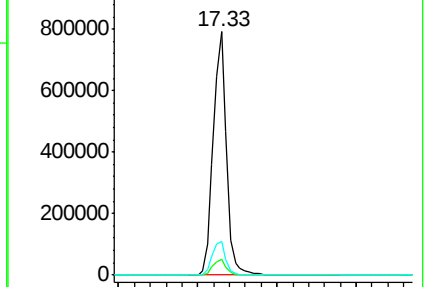
122 13.7 10.3 15.5



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

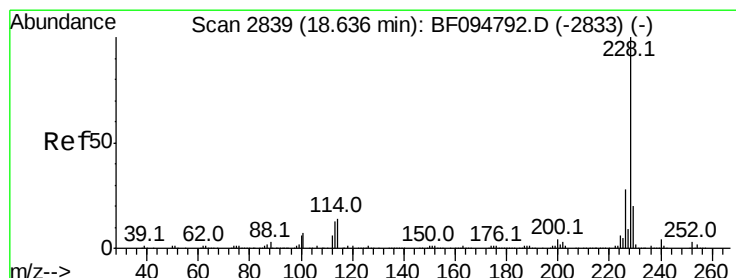
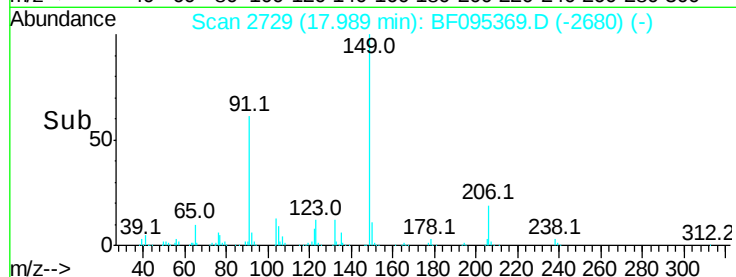
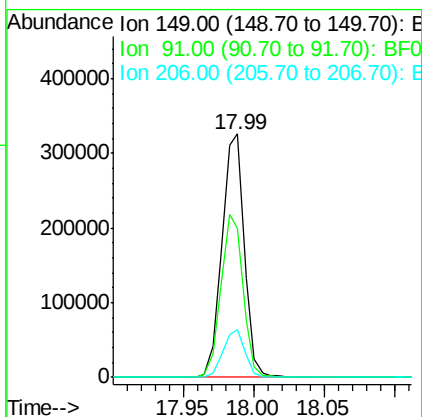
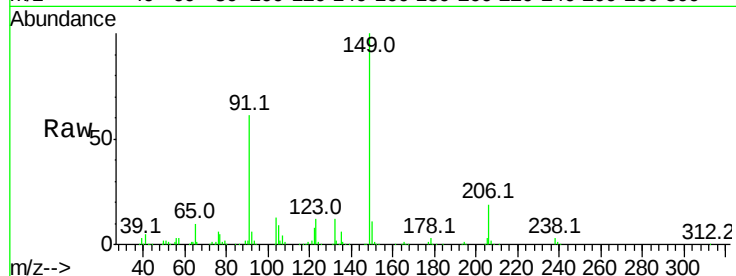




#79
Butylbenzylphthalate
Concen: 49.31 ng
RT: 17.99 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

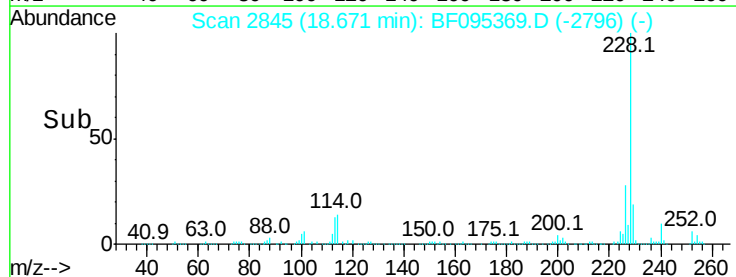
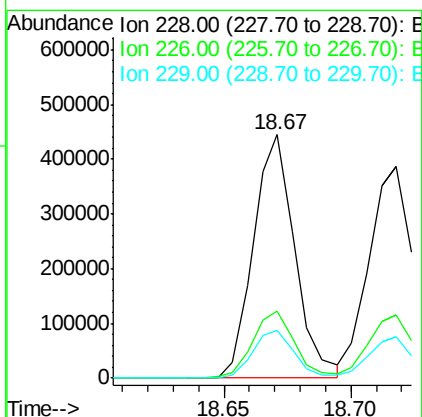
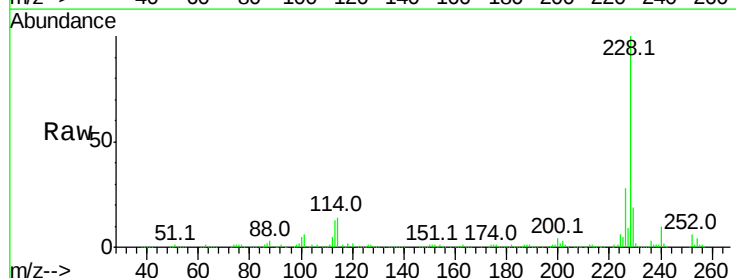
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.2	45.0	67.4
206	19.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 41.85 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.4	16.3	24.5

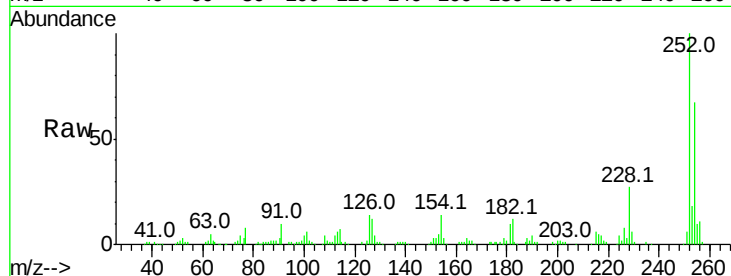




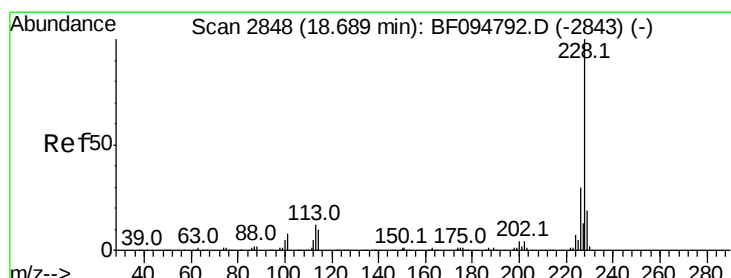
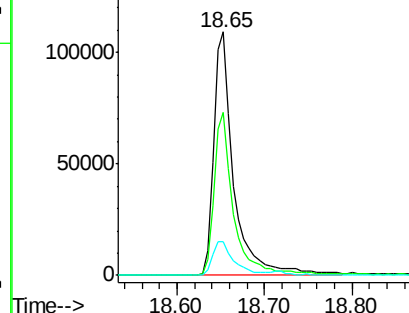
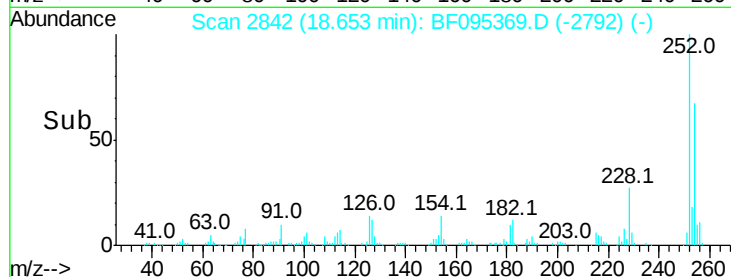
#81
 3,3'-Dichlorobenzidine
 Concen: 41.49 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.5	77.3
126	14.0	15.8	23.8#

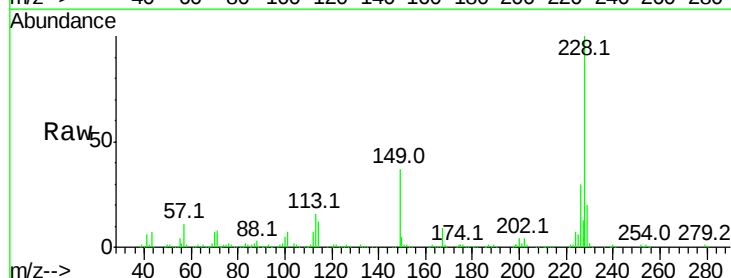


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

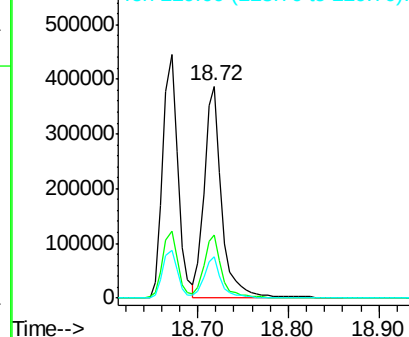
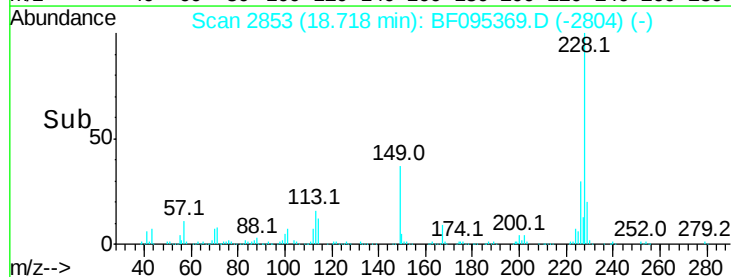


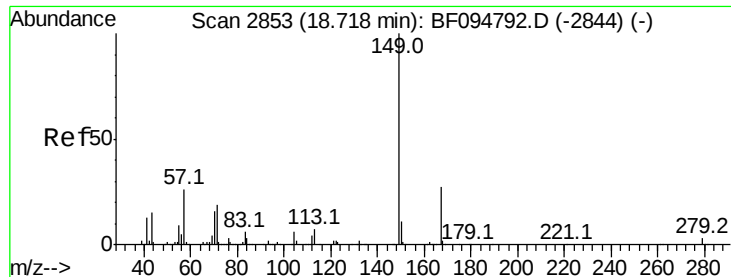
#82
 Chrysene
 Concen: 44.54 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	19.7	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

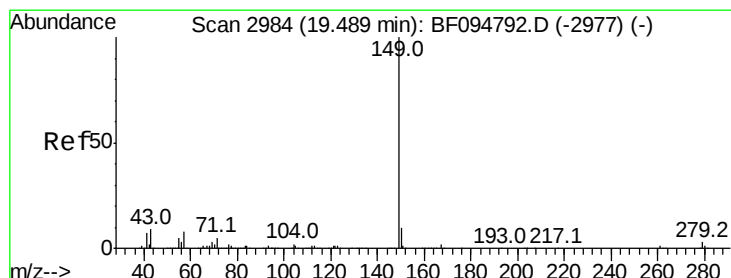
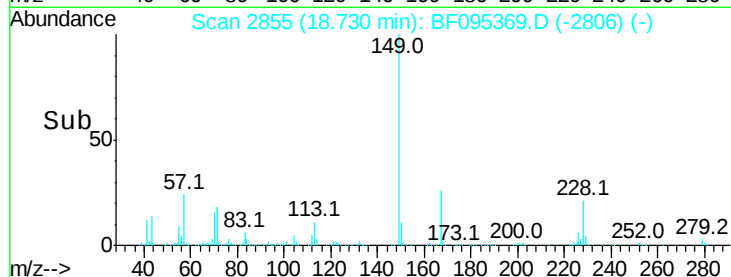
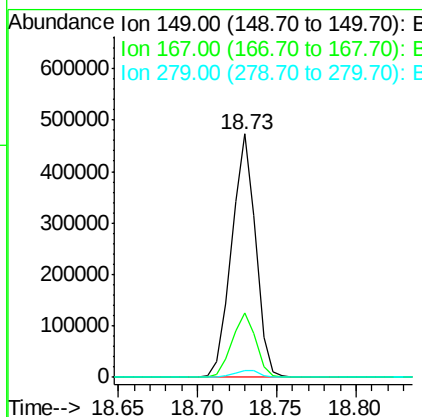
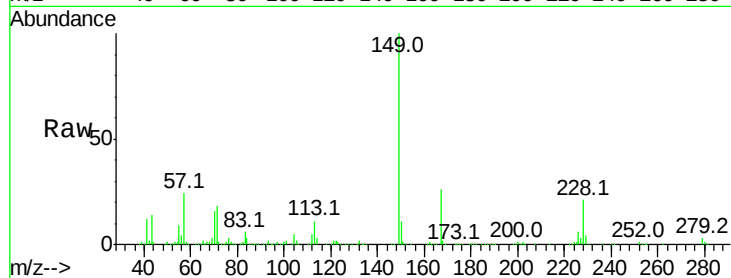




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.87 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

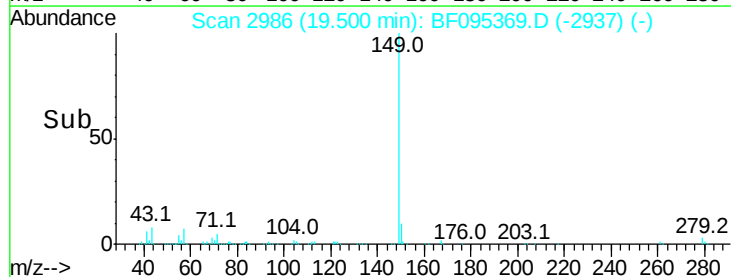
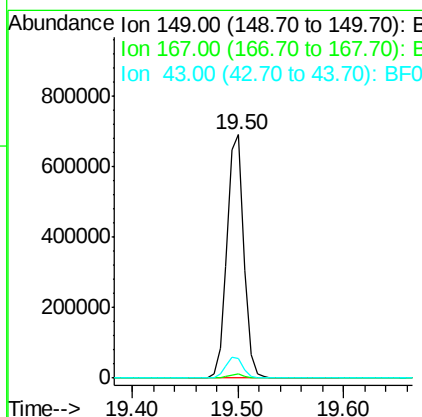
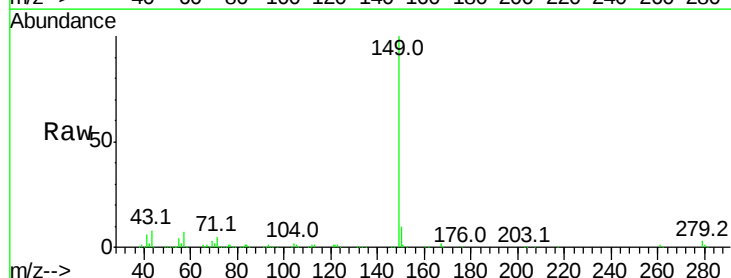
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 494820
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 44.90 ng
 RT: 19.50 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion:149 Resp: 760888
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.2 8.5 12.7

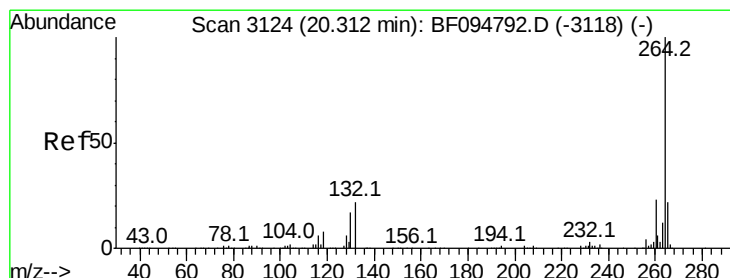
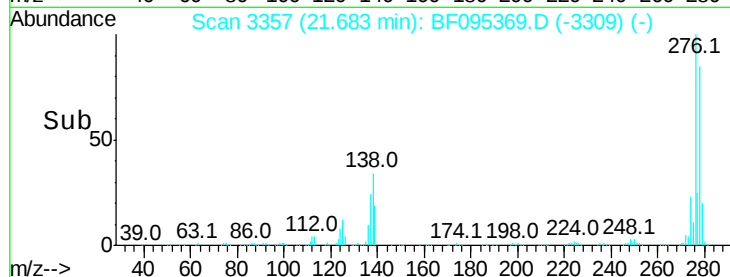
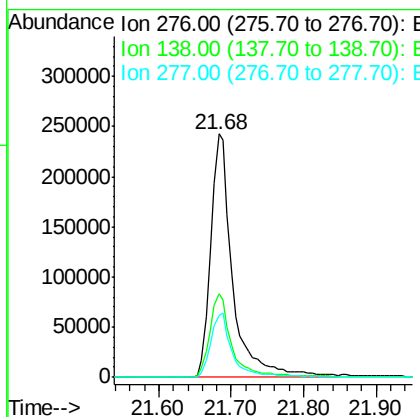
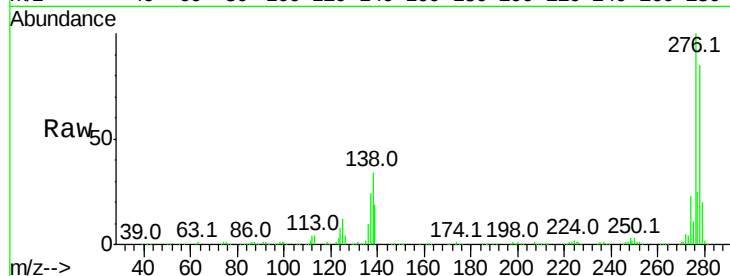




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.75 ng
RT: 21.68 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

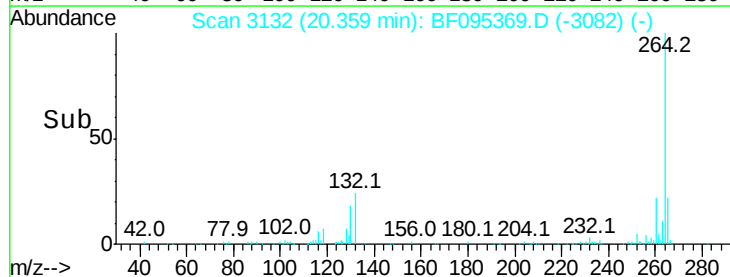
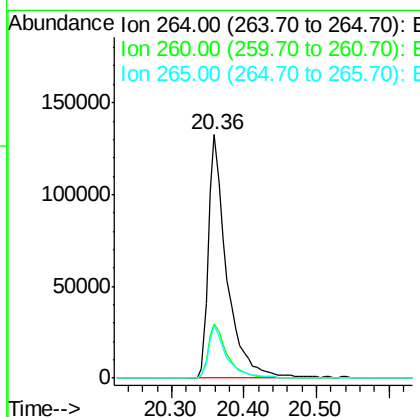
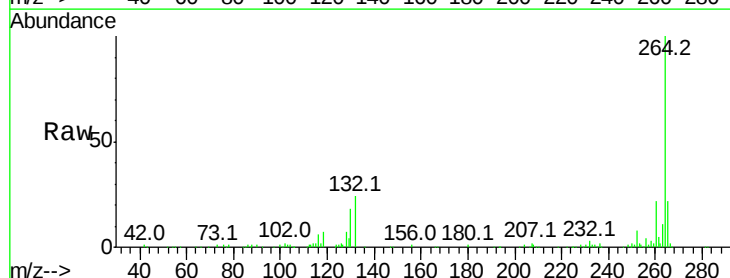
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	26.2	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	22.0	17.2	25.8

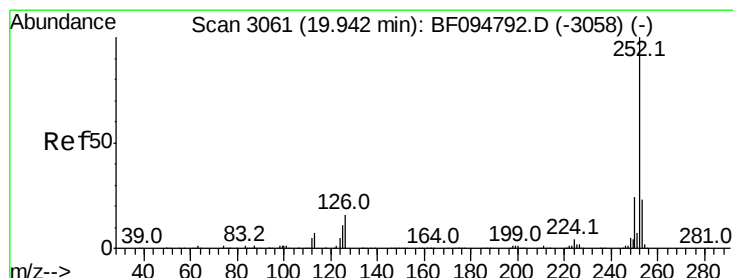
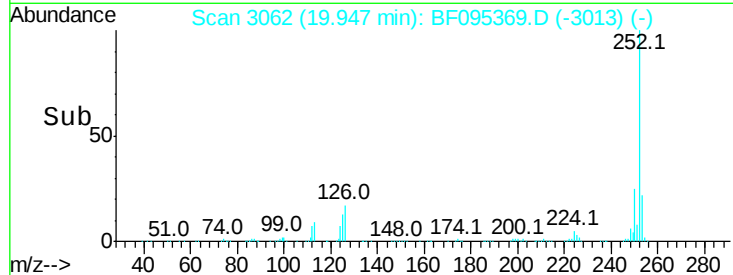
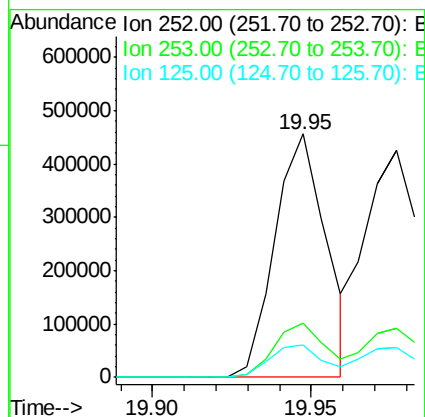
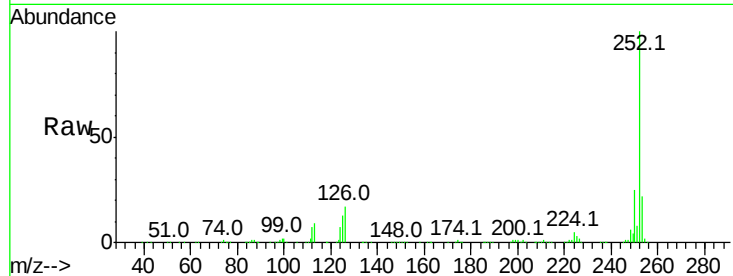




#87
Benzo(b)fluoranthene
Concen: 35.60 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

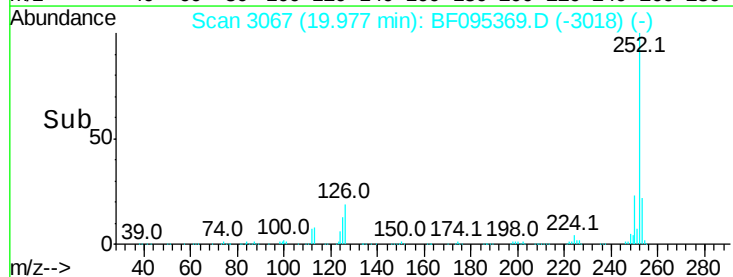
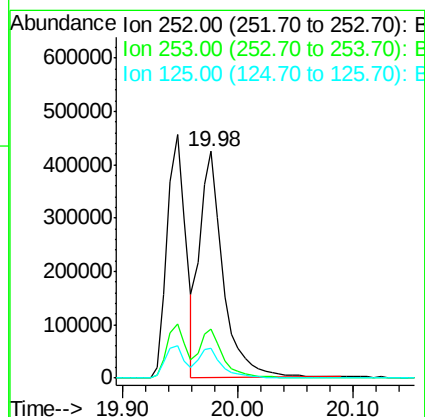
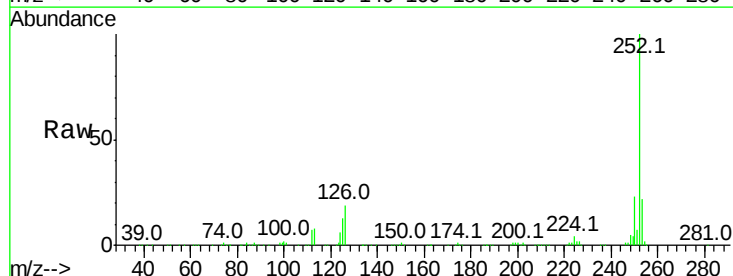
Instrument :
BNA_F
ClientSampleId :

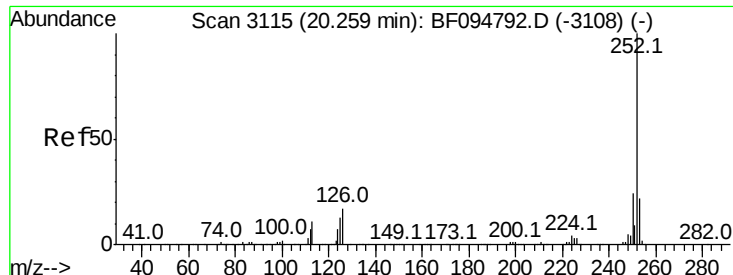
Tot Ion:252 Resp: 514156
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 13.2 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 43.30 ng
RT: 19.98 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion:252 Resp: 603169
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 13.2 13.1 19.7

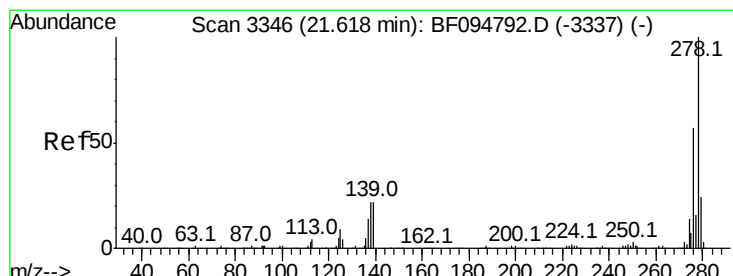
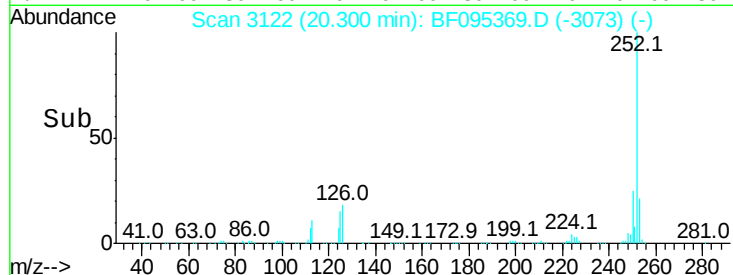
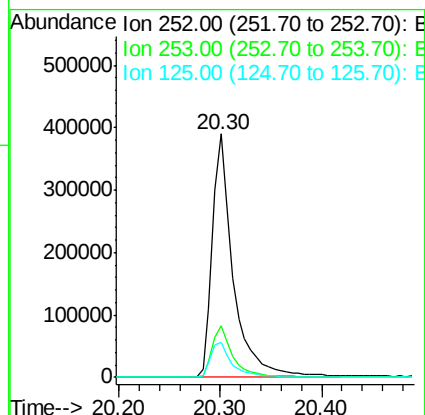
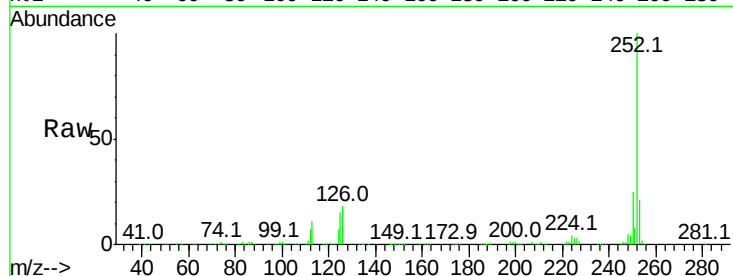




#89
Benzo(a)pyrene
Concen: 41.93 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

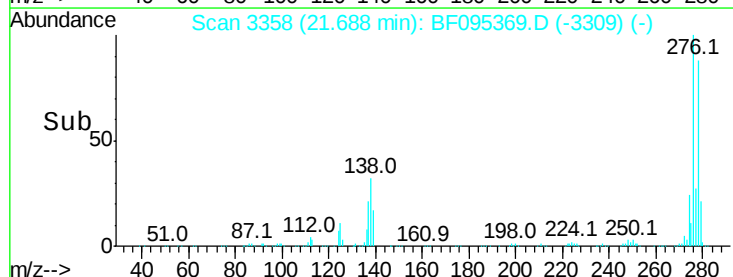
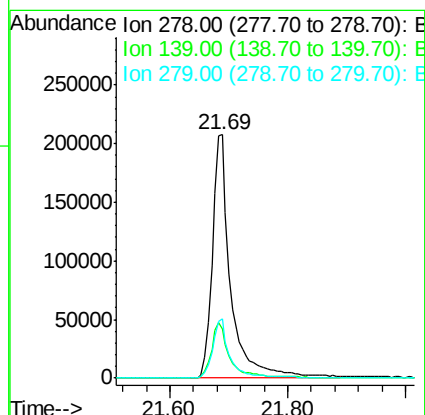
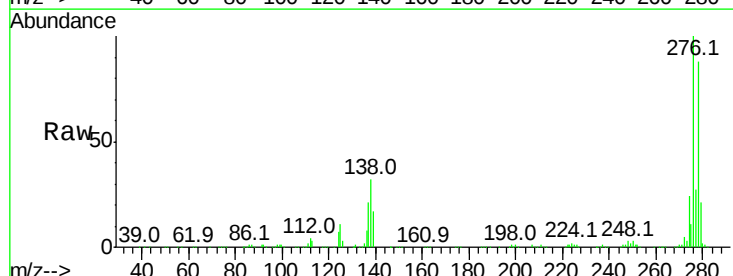
Instrument :
BNA_F
ClientSampleId :

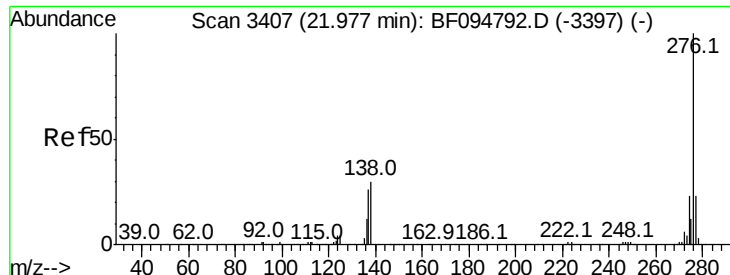
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	14.5	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 41.08 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.6	24.8
279	24.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 40.16 ng

RT: 22.07 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

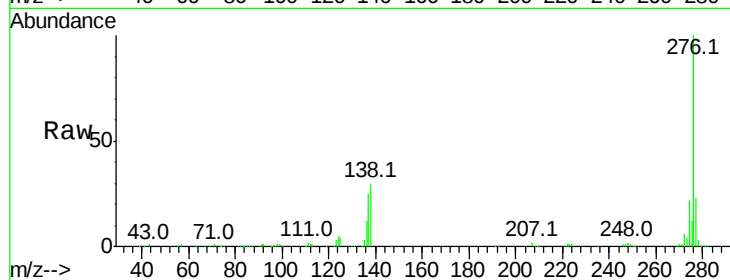
Tot Ion: 276 Resp: 433748

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 30.4 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

