

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095404.D
 Acq On : 24 May 2017 23:15
 Operator : SJ/MA
 Sample : I3281-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:10:48 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	80013	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	305356	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	117056	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	198313	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	163188	20.00	ng	-0.01
86) Perylene-d12	20.36	264	113758	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	578549	120.55	ng	-0.01
7) Phenol-d6	7.30	99	687775	119.44	ng	-0.01
23) Nitrobenzene-d5	8.65	82	378604	78.18	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	100741	105.09	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	673357	82.80	ng	-0.02
78) Terphenyl-d14	17.32	244	551516	74.44	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	74579	31.69	ng	93
3) Pyridine	2.93	79	172053	31.54	ng	96
4) n-Nitrosodimethylamine	2.85	42	68486	30.12	ng	# 79
6) Aniline	7.26	93	171536	23.60	ng	96
8) 2-Chlorophenol	7.45	128	210176	38.48	ng	94
9) Benzaldehyde	7.08	77	65991	18.77	ng	91
10) Phenol	7.32	94	269799	44.46	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	196937	39.31	ng	97
12) 1,3-Dichlorobenzene	7.65	146	228966	36.95	ng	98
13) 1,4-Dichlorobenzene	7.78	146	239926	38.18	ng	97
14) 1,2-Dichlorobenzene	8.01	146	221726	37.80	ng	96
15) Benzyl Alcohol	8.04	79	161587	43.63	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.24	45	258404	36.45	ng	96
17) 2-Methylphenol	8.26	107	167149	37.39	ng	96
18) Hexachloroethane	8.52	117	52103	24.48	ng	# 85
19) n-Nitroso-di-n-propylamine	8.45	70	148902	38.23	ng	94
20) 3+4-Methylphenols	8.54	107	206748	34.04	ng	# 63
22) Acetophenone	8.42	105	292850	39.97	ng	# 82
24) Nitrobenzene	8.68	77	194705	38.36	ng	90
25) Isophorone	9.08	82	349830	40.46	ng	95
26) 2-Nitrophenol	9.20	139	49369	18.03	ng	98
27) 2,4-Dimethylphenol	9.33	122	163487	36.92	ng	99
28) bis(2-Chloroethoxy)methane	9.45	93	230954	38.61	ng	98
29) 2,4-Dichlorophenol	9.64	162	144586	34.58	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	164046	36.62	ng	98
31) Naphthalene	9.80	128	610411	39.77	ng	99
32) Benzoic acid	9.62	122	1575	5.57	ng	# 32
33) 4-Chloroaniline	9.96	127	80996	14.16	ng	# 91
34) Hexachlorobutadiene	10.01	225	82496	34.90	ng	99
35) Caprolactam	10.56	113	46160	36.77	ng	86
36) 4-Chloro-3-methylphenol	10.84	107	149060	33.34	ng	90
37) 2-Methylnaphthalene	10.92	142	411993	40.90	ng	96
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	139469	38.74	ng	99
42) 2,4,6-Trichlorophenol	11.45	196	85661	35.64	ng	97

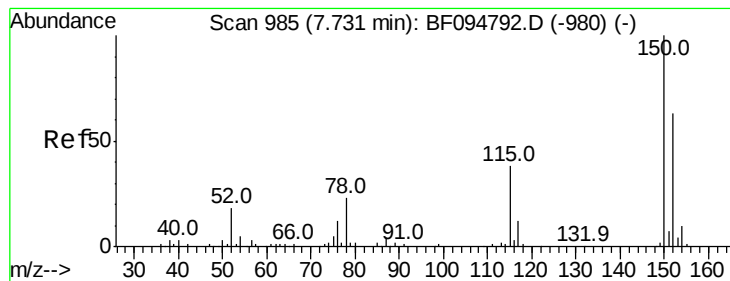
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.56	196	89293	34.57	nq	95
45) 1,1'-Biphenyl	11.69	154	402689	40.86	nq	98
46) 2-Chloronaphthalene	11.71	162	301926	37.94	nq	97
47) 2-Nitroaniline	11.94	65	86558	39.74	nq	# 78
48) Acenaphthylene	12.37	152	473574	37.99	nq	97
49) Dimethylphthalate	12.24	163	455110	47.36	nq	99
50) 2,6-Dinitrotoluene	12.34	165	54145	27.62	nq	# 90
51) Acenaphthene	12.65	154	274571	36.88	nq	99
52) 3-Nitroaniline	12.62	138	81079	38.53	nq	91
53) 2,4-Dinitrophenol	12.97	184	511	6.68	nq	# 1
54) Dibenzofuran	12.94	168	424356	41.19	nq	97
55) 4-Nitrophenol	13.09	139	42737	33.82	nq	# 76
56) 2,4-Dinitrotoluene	13.02	165	58596	23.26	nq	# 90
57) Fluorene	13.49	166	323596	36.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.13	232	41562	25.56	nq	89
59) Diethylphthalate	13.40	149	262740	28.53	nq	99
60) 4-Chlorophenyl-phenylether	13.52	204	139718	35.49	nq	93
61) 4-Nitroaniline	13.62	138	68107	35.26	nq	94
62) Azobenzene	13.78	77	272460	36.81	nq	93
65) n-Nitrosodiphenylamine	13.72	169	271624	37.74	nq	99
66) 4-Bromophenyl-phenylether	14.31	248	75011	35.80	nq	96
67) Hexachlorobenzene	14.39	284	73915	34.42	nq	# 86
68) Atrazine	14.64	200	59999	29.52	nq	97
69) Pentachlorophenol	14.77	266	31301	35.74	nq	99
70) Phenanthrene	15.04	178	607489	53.31	nq	98
71) Anthracene	15.12	178	476822	40.97	nq	99
72) Carbazole	15.41	167	435961	41.17	nq	96
73) Di-n-butylphthalate	15.97	149	499492	37.82	nq	# 98
74) Fluoranthene	16.79	202	788625	67.47	nq	99
76) Benzidine	17.02	184	63104	18.92	nq	96
77) Pyrene	17.09	202	757559	62.07	nq	98
79) Butylbenzylphthalate	17.98	149	235048	41.41	nq	# 86
80) Benzo(a)anthracene	18.67	228	462485	48.70	nq	100
81) 3,3'-Dichlorobenzidine	18.65	252	86848	26.48	nq	# 97
82) Chrysene	18.72	228	437691	47.66	nq	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	320098	39.58	nq	# 98
84) Di-n-octyl phthalate	19.50	149	479177	36.13	nq	97
85) Indeno(1,2,3-cd)pyrene	21.69	276	263545	35.34	nq	99
87) Benzo(b)fluoranthene	19.95	252	373117	53.08	nq	98
88) Benzo(k)fluoranthene	19.98	252	291060	42.93	nq	96
89) Benzo(a)pyrene	20.31	252	294620	45.42	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	197619	36.89	nq	98
91) Benzo(g,h,i)perylene	22.08	276	230549	43.86	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

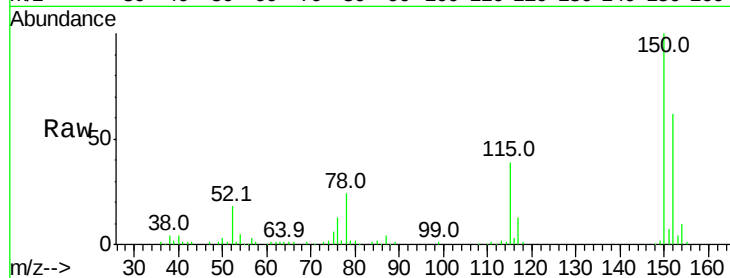
Tot Ion:152 Resp: 80013

Ion Ratio Lower Upper

152 100

150 160.4 126.2 189.2

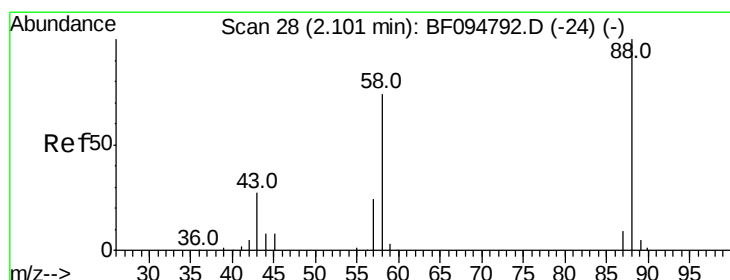
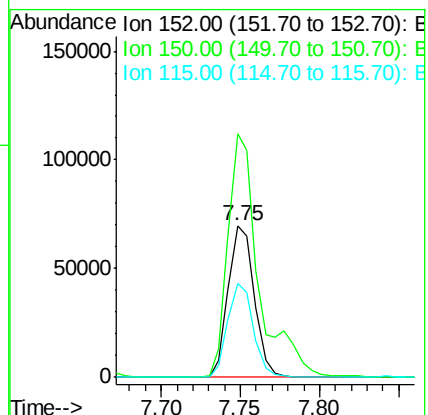
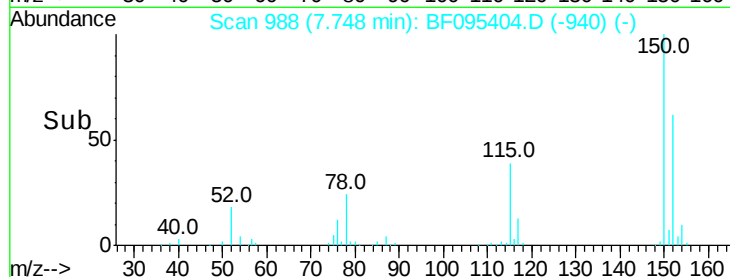
115 61.9 52.2 78.2



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: 31.69 ng

RT: 2.22 min Scan# 49

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

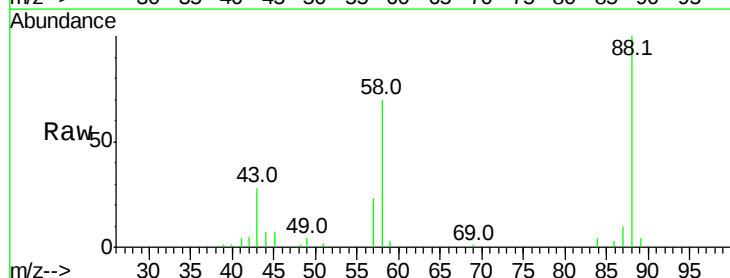
Tgt Ion: 88 Resp: 74579

Ion Ratio Lower Upper

88 100

58 71.4 61.4 92.0

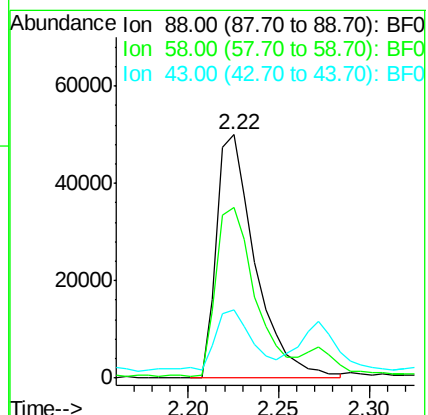
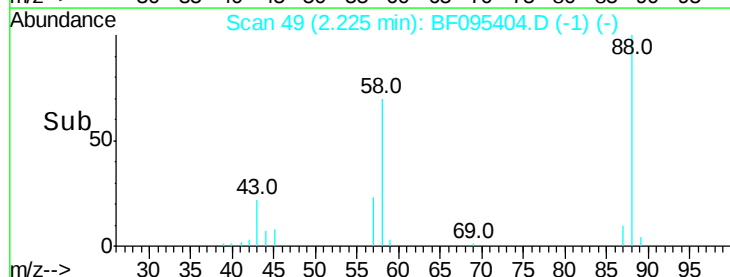
43 25.2 23.4 35.0

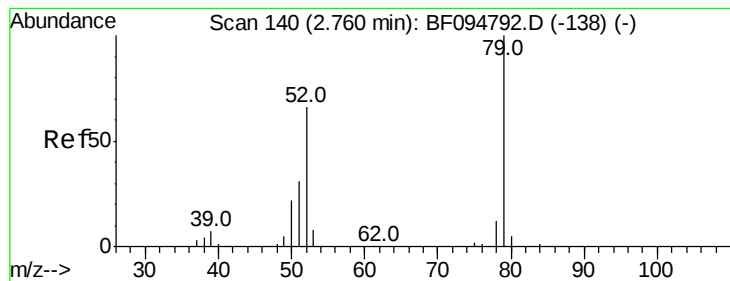


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.54 ng

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

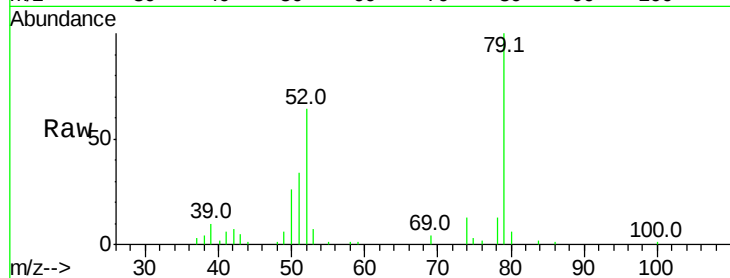
Tot Ion: 79 Resp: 172053

Ion Ratio Lower Upper

79 100

52 64.2 54.8 82.2

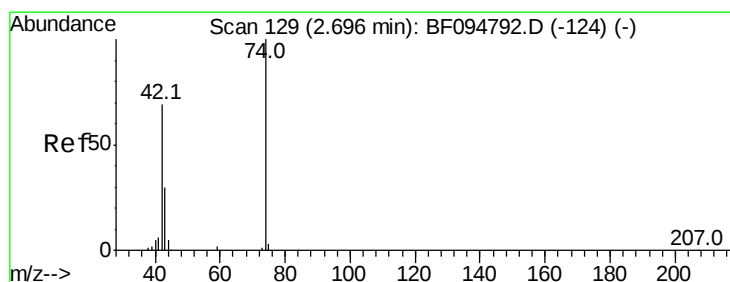
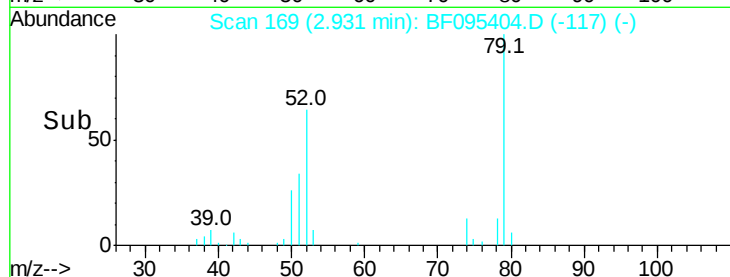
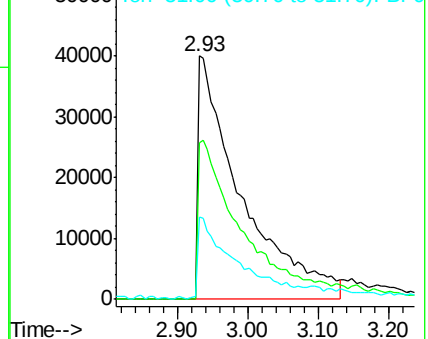
51 34.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 30.12 ng

RT: 2.85 min Scan# 156

Delta R.T. 0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

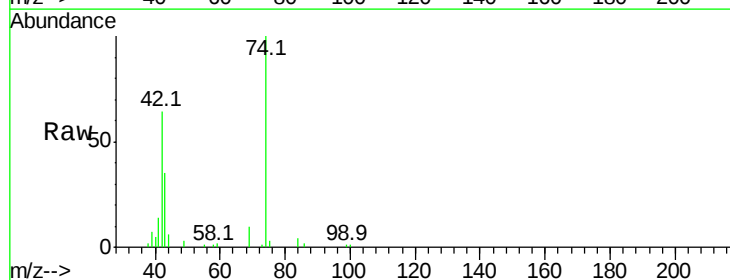
Tgt Ion: 42 Resp: 68486

Ion Ratio Lower Upper

42 100

74 155.8 103.9 155.9

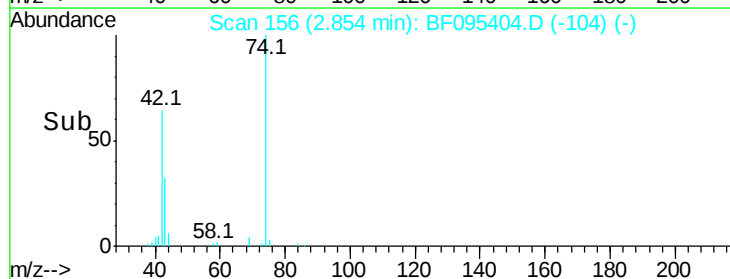
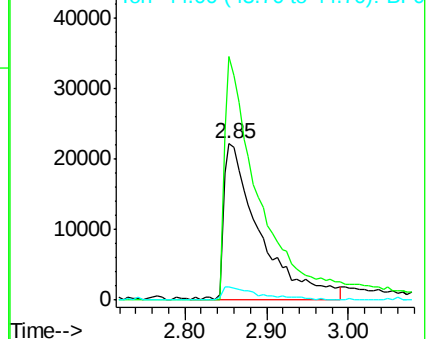
44 8.8 5.7 8.5#

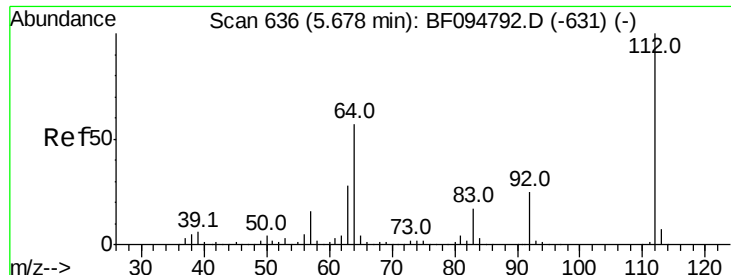


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 120.55 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampled :

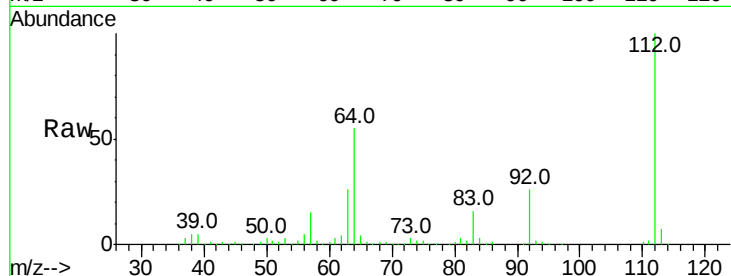
Tot Ion:112 Resp: 578549

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

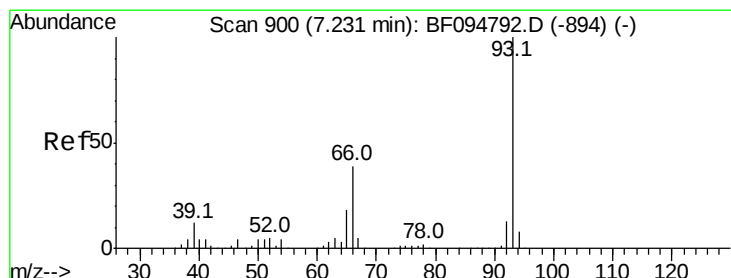
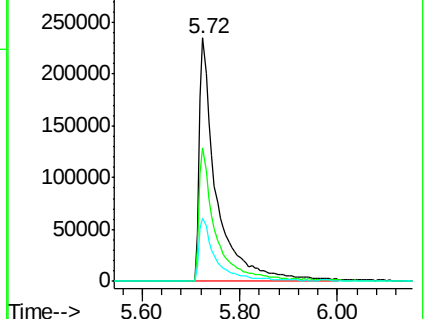
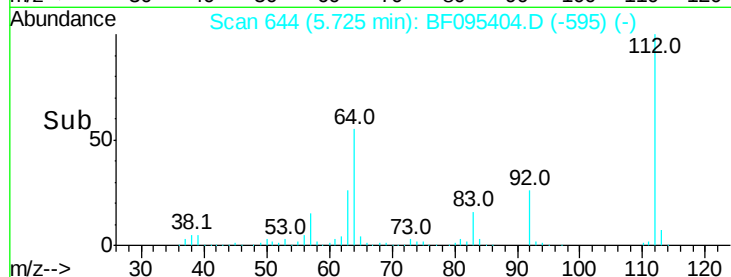
63 26.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.60 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

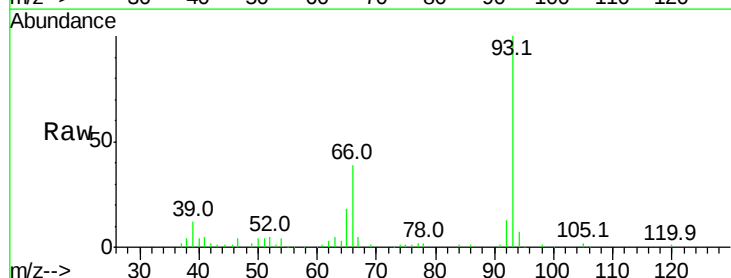
Tgt Ion: 93 Resp: 171536

Ion Ratio Lower Upper

93 100

66 39.1 32.9 49.3

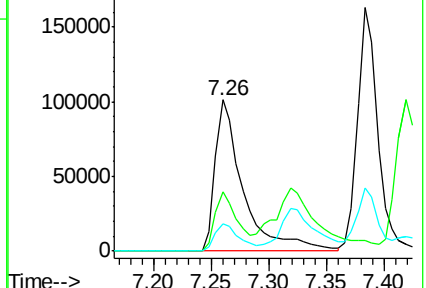
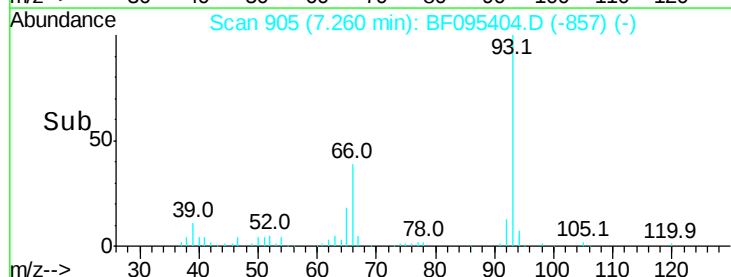
65 17.9 16.0 24.0

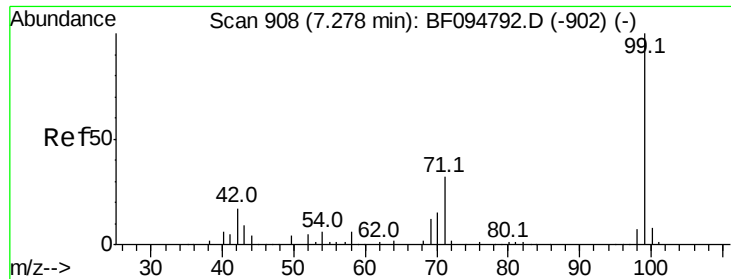


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.44 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

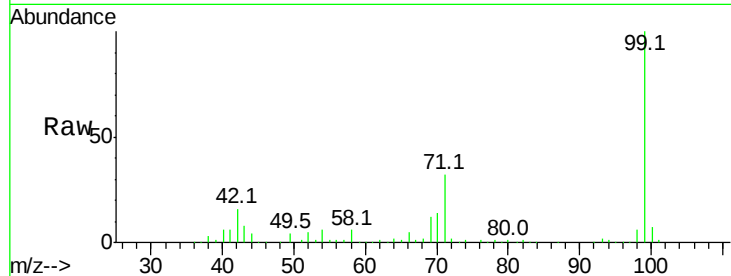
Tot Ion: 99 Resp: 687775

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

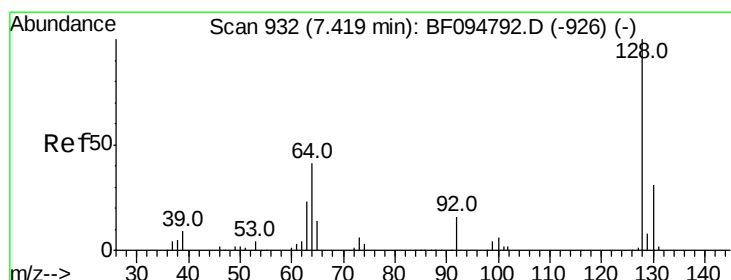
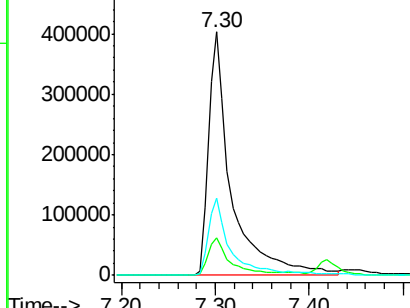
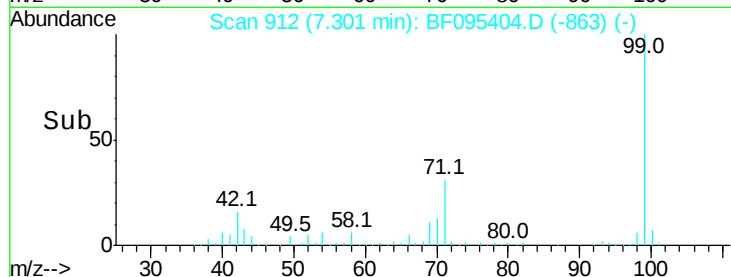
71 31.5 24.5 36.7



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: 38.48 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

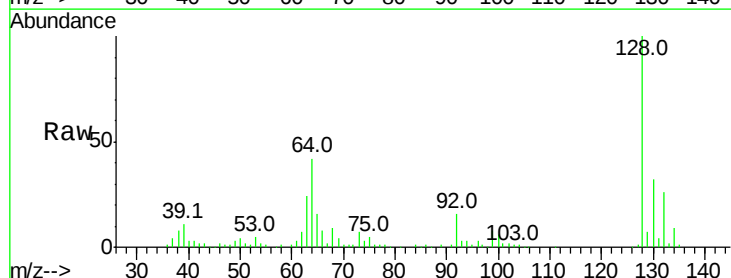
Tgt Ion: 128 Resp: 210176

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

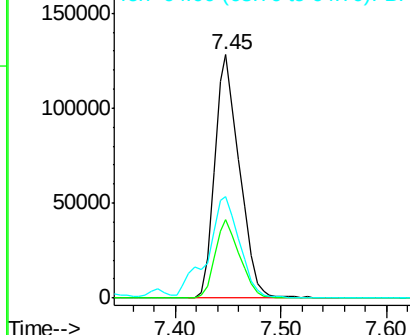
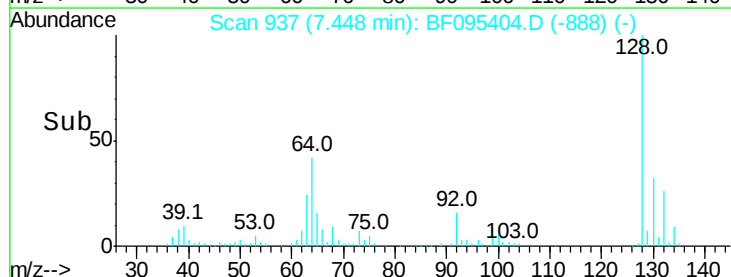
64 41.6 28.4 68.4

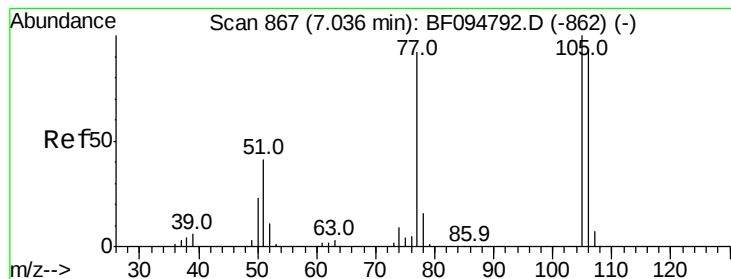


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.77 ng

RT: 7.08 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

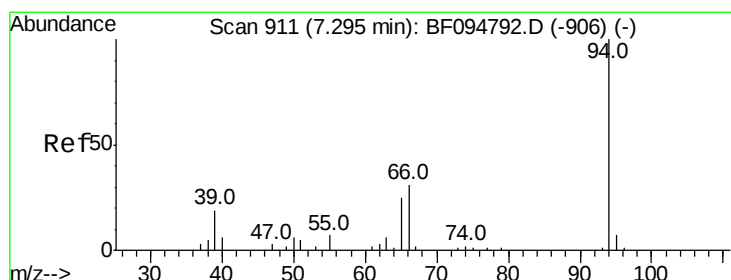
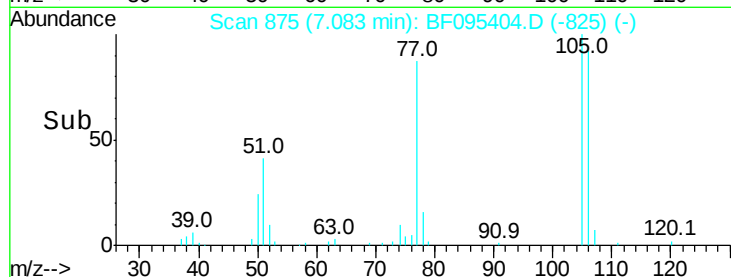
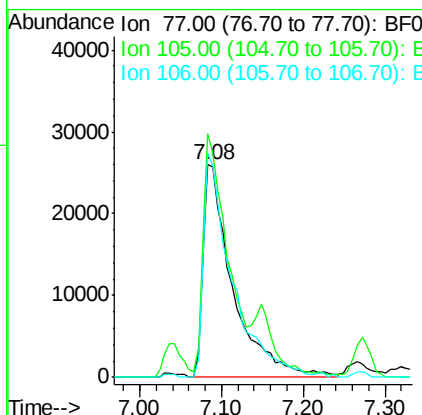
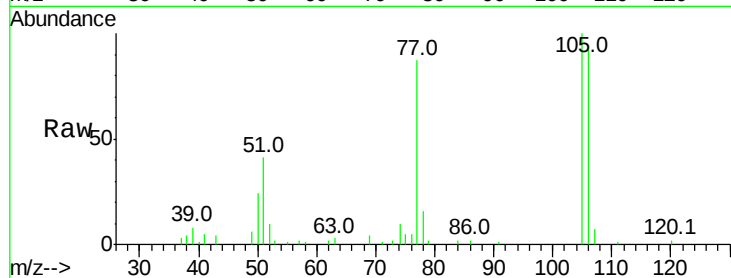
Tot Ion: 77 Resp: 65991

Ion Ratio Lower Upper

77 100

105 114.5 83.8 123.8

106 105.6 79.1 119.1



#10

Phenol

Concen: 44.46 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

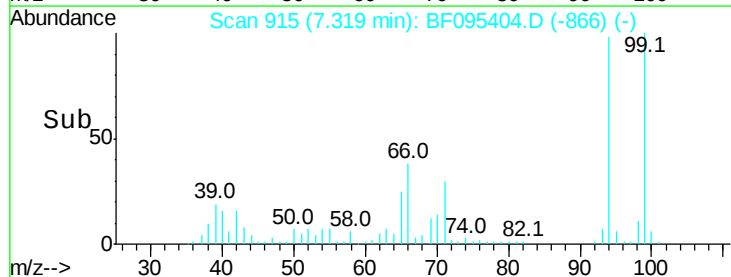
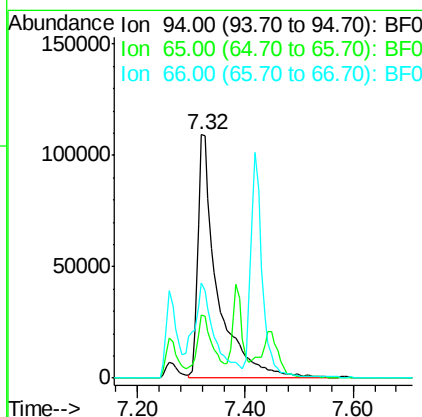
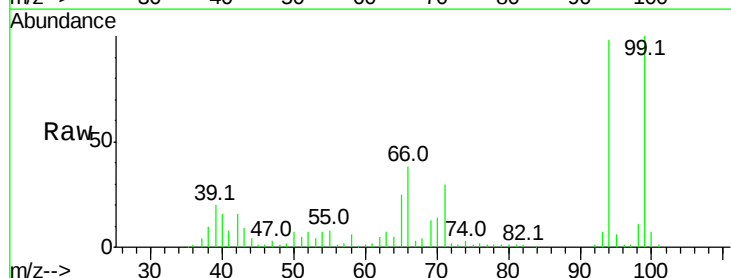
Tgt Ion: 94 Resp: 269799

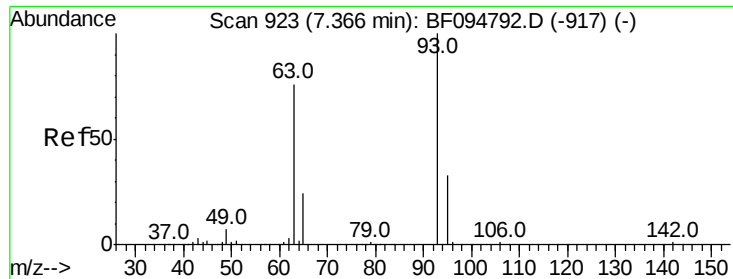
Ion Ratio Lower Upper

94 100

65 25.8 9.9 49.9

66 38.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.31 ng

RT: 7.38 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

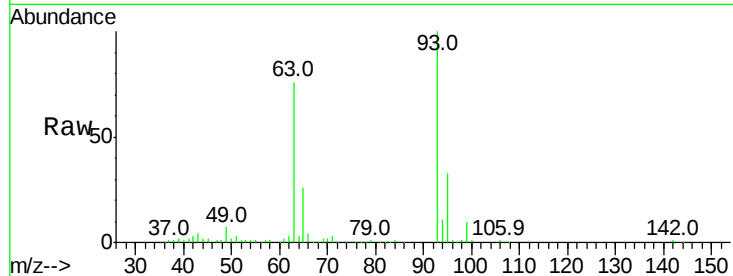
Tot Ion: 93 Resp: 196937

Ion Ratio Lower Upper

93 100

63 75.6 59.2 99.2

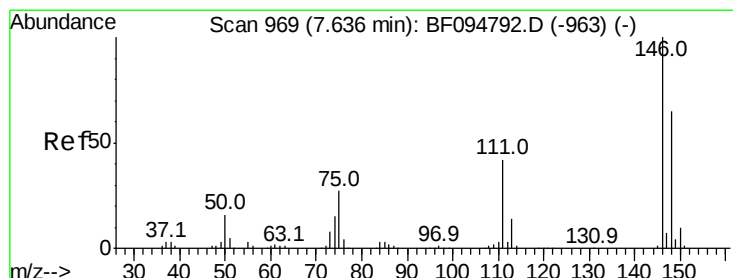
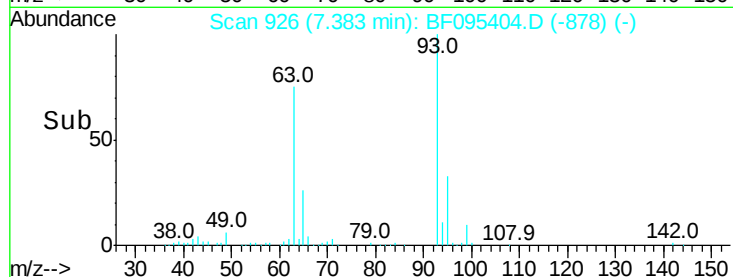
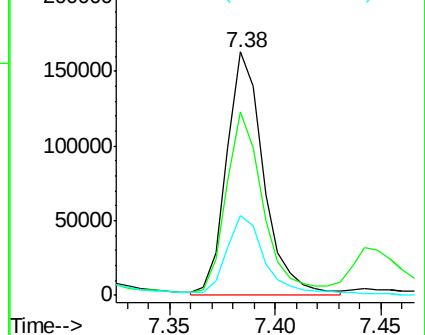
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.95 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

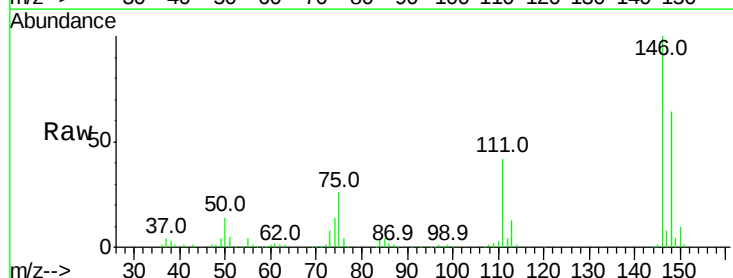
Tgt Ion: 146 Resp: 228966

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

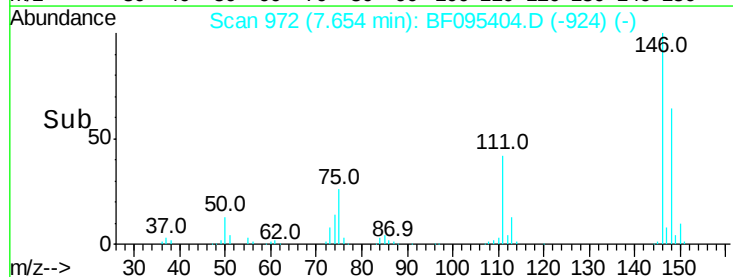
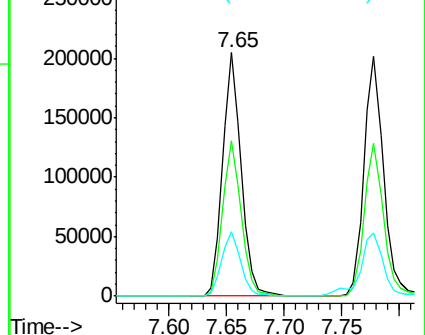
75 26.2 23.1 34.7

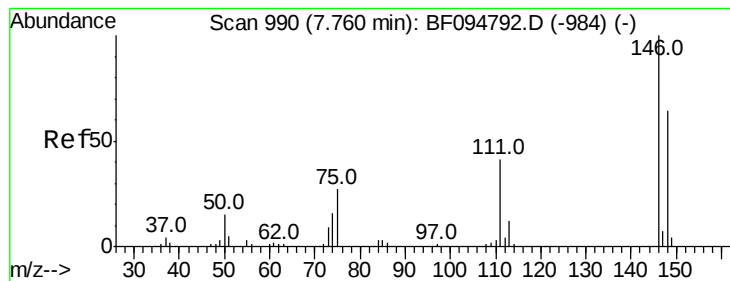


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.18 ng

RT: 7.78 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampled :

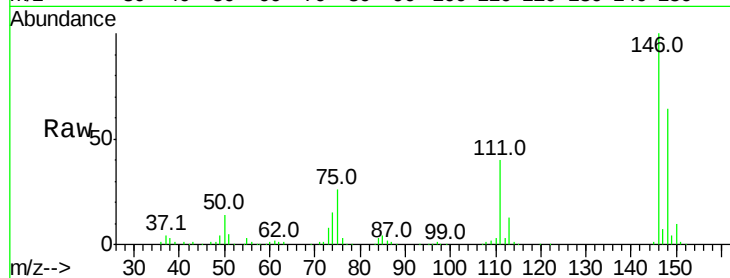
Tot Ion:146 Resp: 239926

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

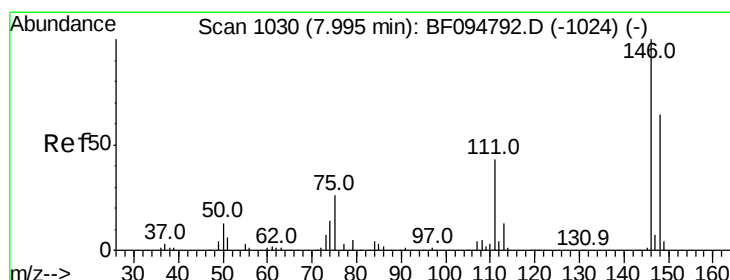
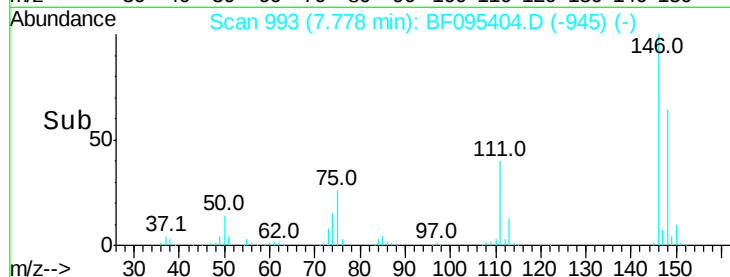
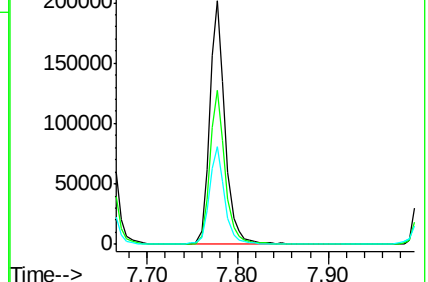
111 40.1 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.80 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

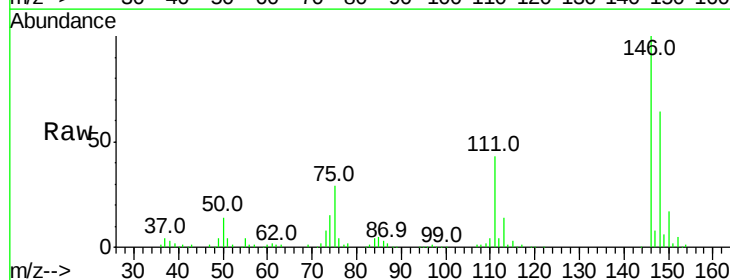
Tgt Ion:146 Resp: 221726

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

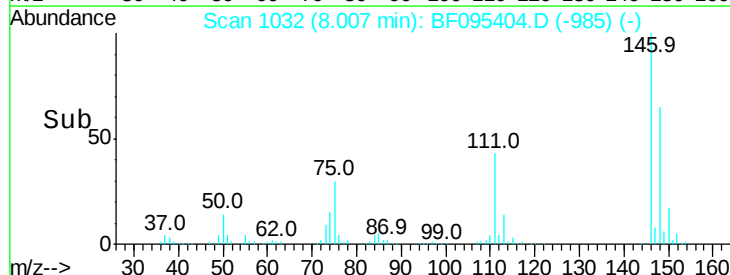
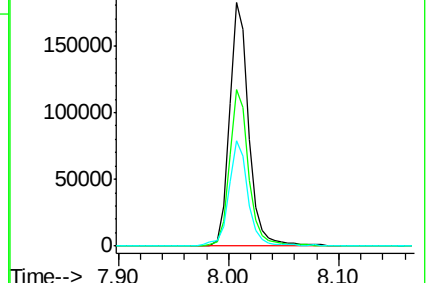
111 43.2 38.2 57.4

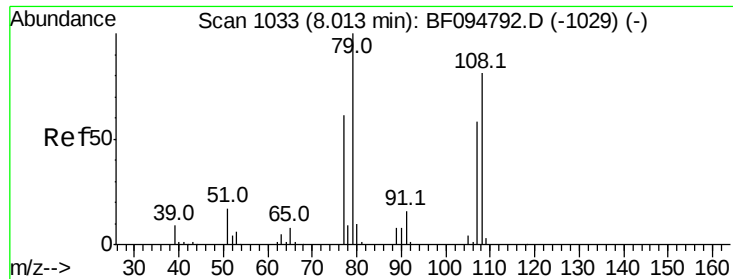


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

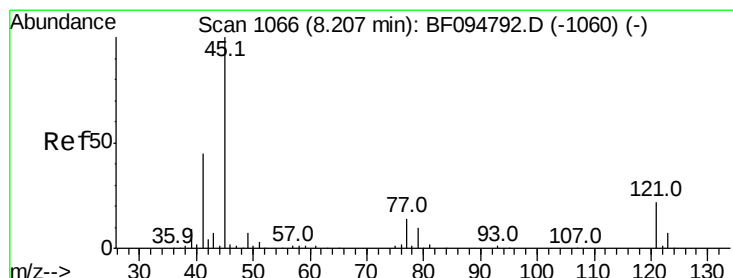
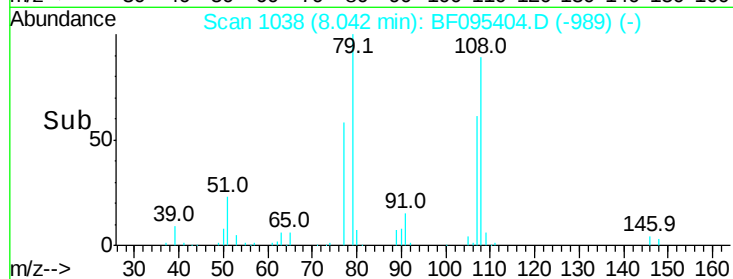
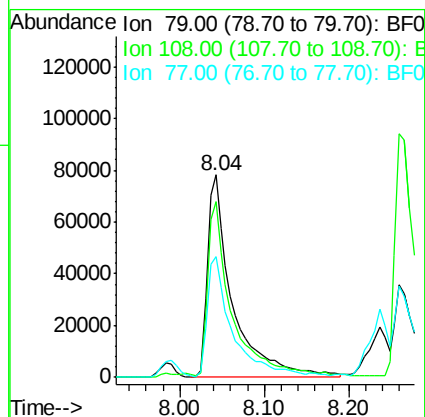
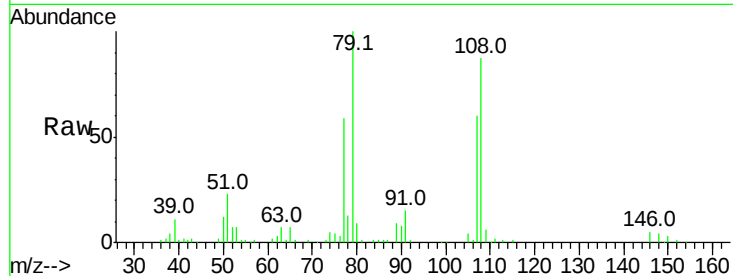




#15
Benzyl Alcohol
Concen: 43.63 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

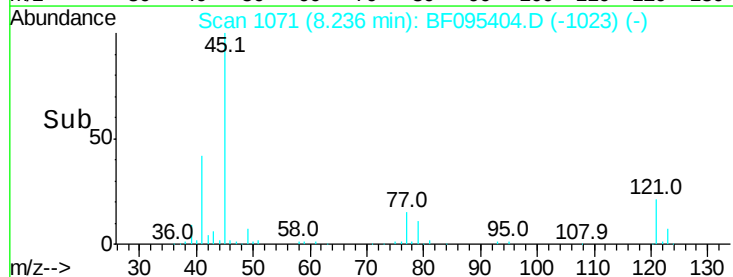
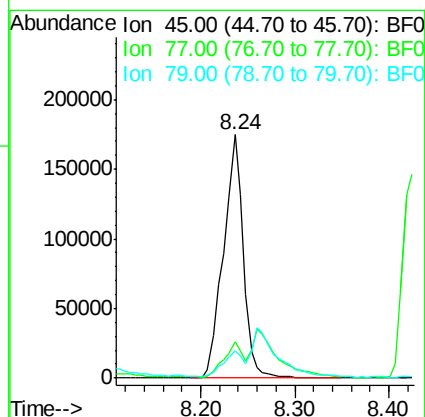
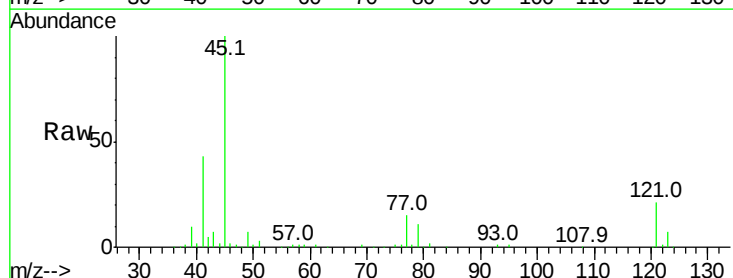
Instrument :
BNA_F
ClientSampled :

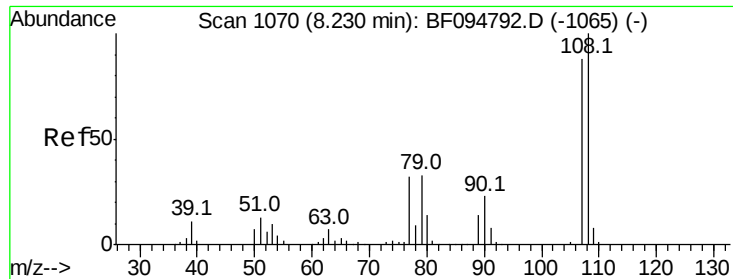
Tot Ion: 79 Resp: 161587
Ion Ratio Lower Upper
79 100
108 87.1 63.4 95.0
77 59.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.45 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion: 45 Resp: 258404
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.2
79 11.0 0.0 30.0

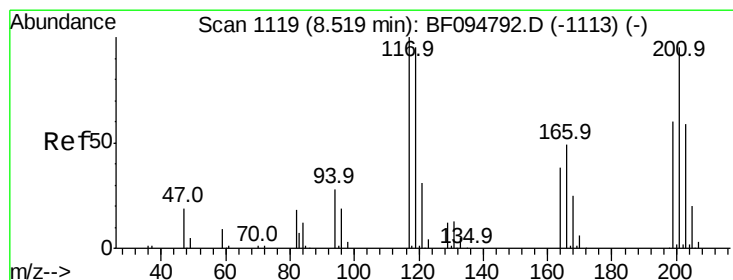
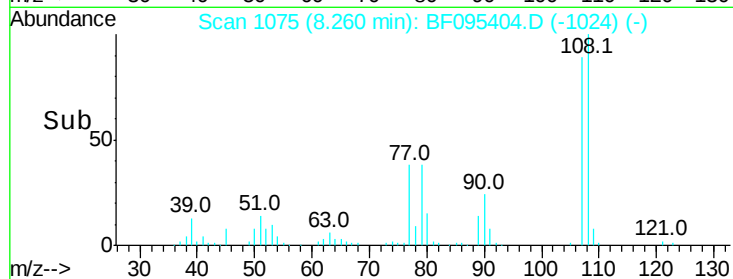
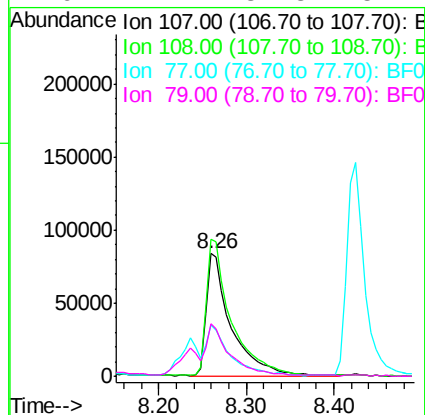
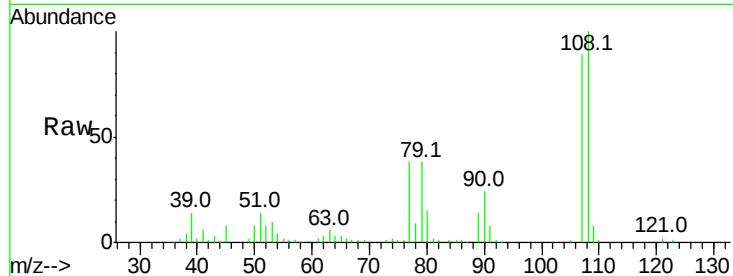




#17
2-Methylphenol
Concen: 37.39 ng
RT: 8.26 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

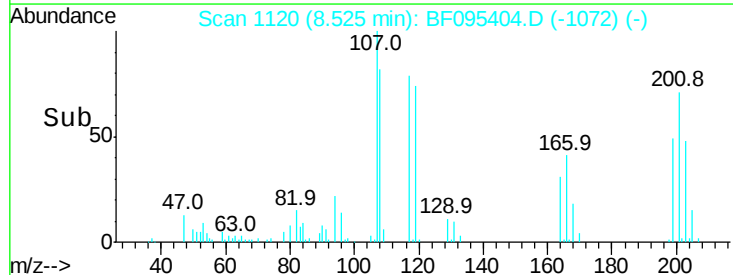
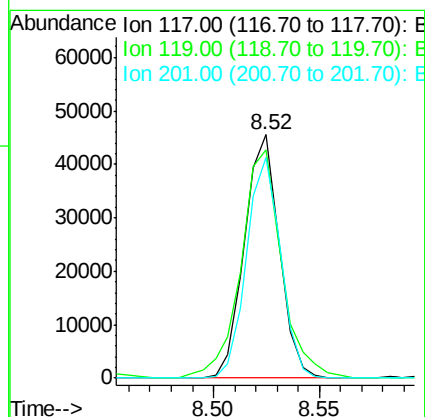
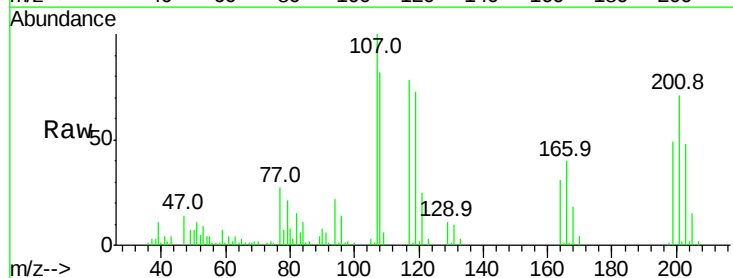
Instrument :
BNA_F
ClientSampled :

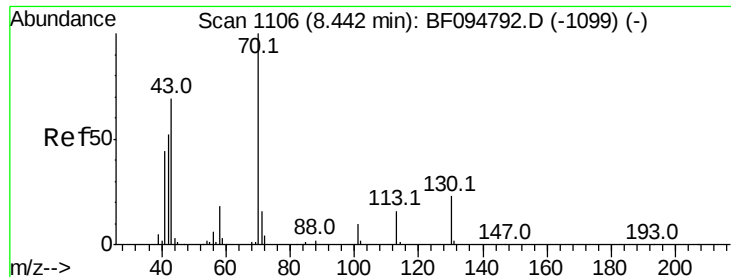
Tot Ion:107 Resp: 167149
Ion Ratio Lower Upper
107 100
108 111.9 93.4 140.0
77 42.1 35.8 53.6
79 42.7 34.8 52.2



#18
Hexachloroethane
Concen: 24.48 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion:117 Resp: 52103
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.0
201 90.7 94.6 141.8#

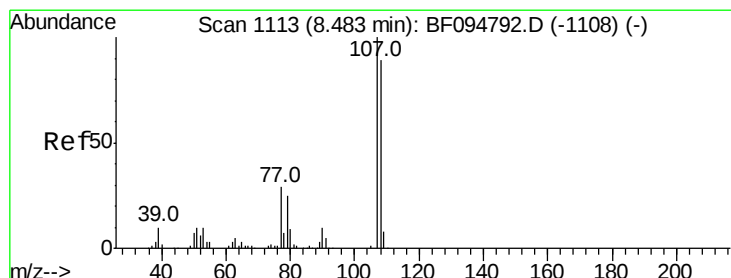
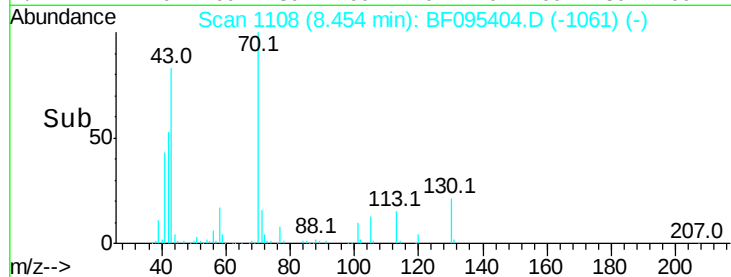
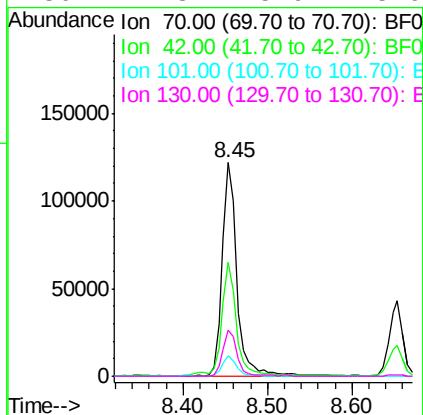
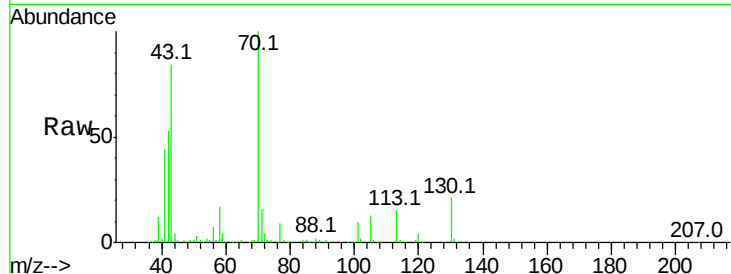




#19
n-Nitroso-di-n-propylamine
Concen: 38.23 ng
RT: 8.45 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

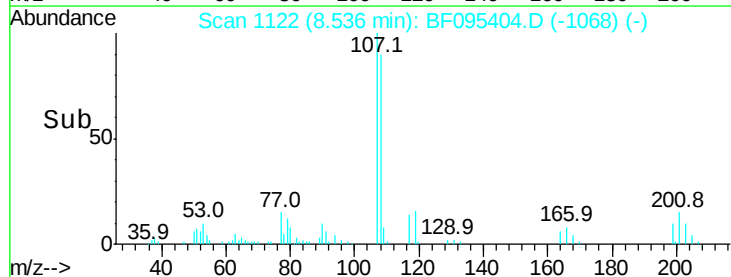
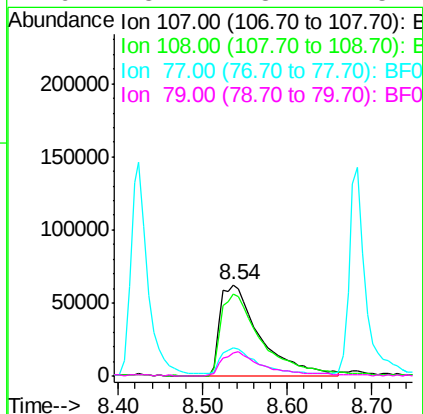
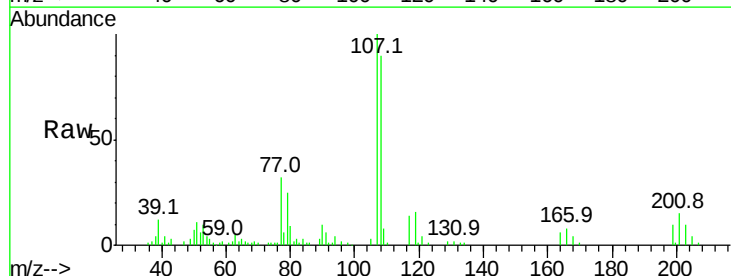
Instrument :
BNA_F
ClientSampleId :

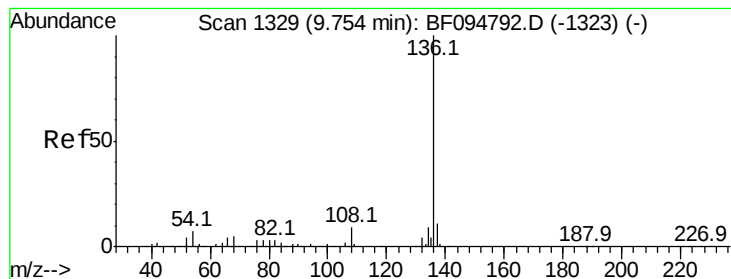
Tot Ion: 70 Resp: 148902
Ion Ratio Lower Upper
70 100
42 53.2 47.2 70.8
101 9.9 7.2 10.8
130 21.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 34.04 ng
RT: 8.54 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion:107 Resp: 206748
Ion Ratio Lower Upper
107 100
108 90.3 71.0 111.0
77 31.5 90.5 130.5#
79 25.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 305356

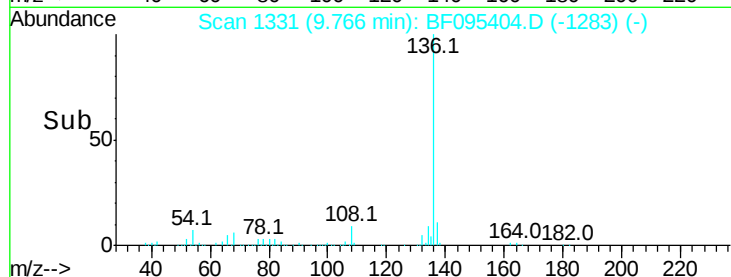
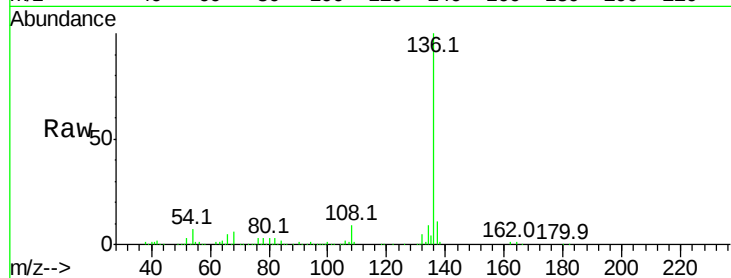
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.2 4.9 7.3

68 5.9 4.1 6.1

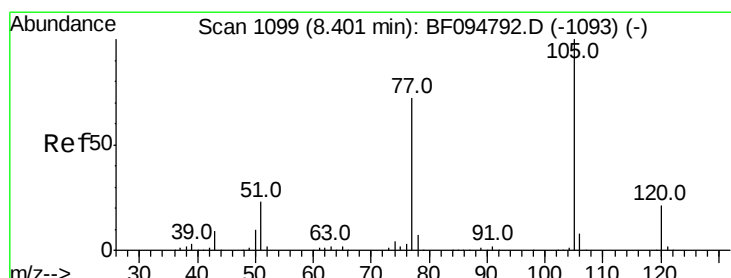
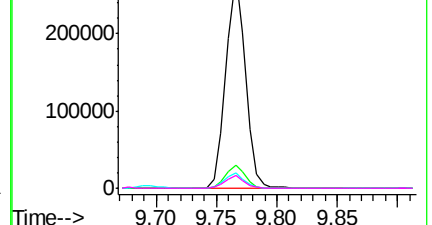


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.97 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Tgt Ion:105 Resp: 292850

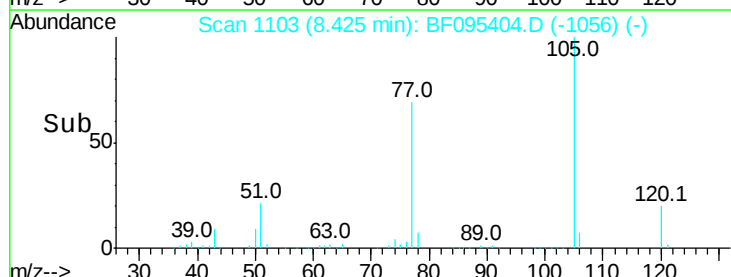
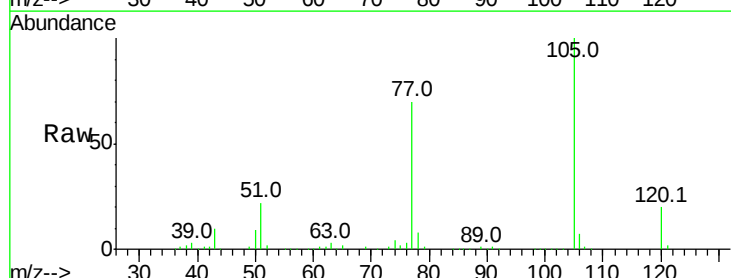
Ion Ratio Lower Upper

105 100

71 0.4 2.8 4.2#

51 21.7 30.7 46.1#

120 20.5 17.4 26.0

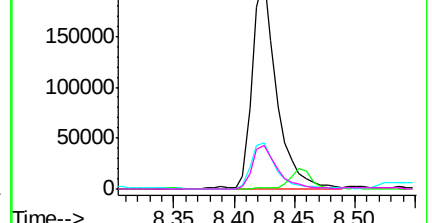


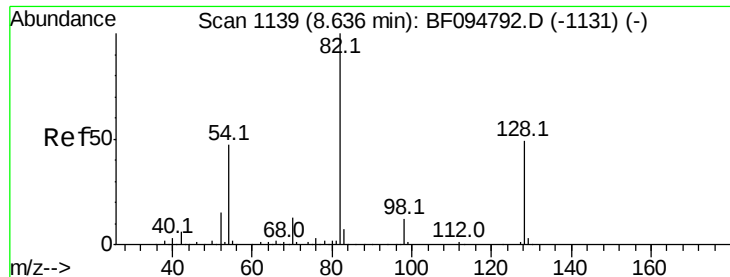
Abundance Ion 105.00 (104.70 to 105.70): E

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

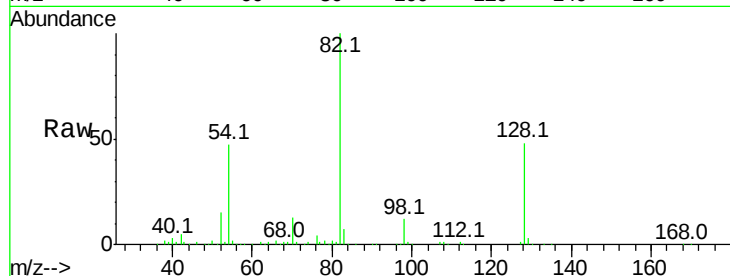




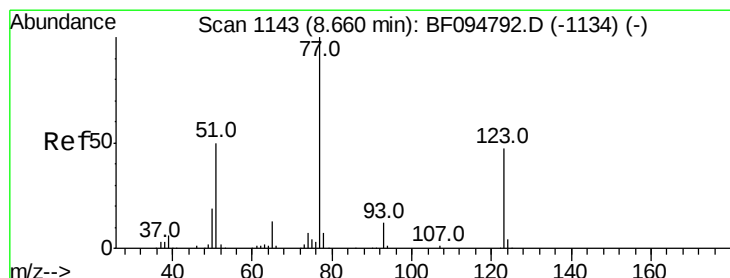
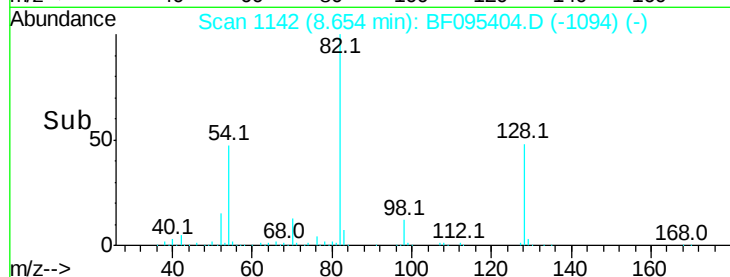
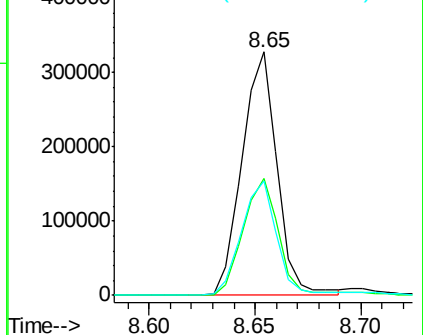
#23
Nitrobenzene-d5
Concen: 78.18 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 378604
Ion Ratio Lower Upper
82 100
128 47.9 34.0 51.0
54 46.9 42.2 63.2

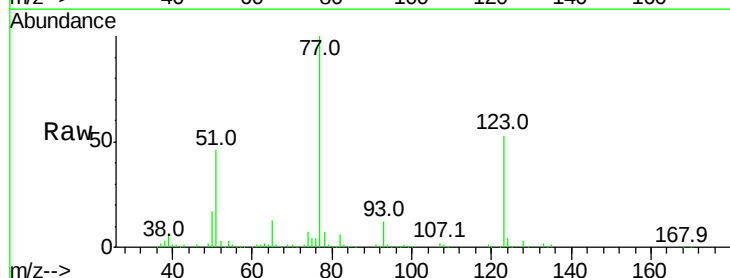


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

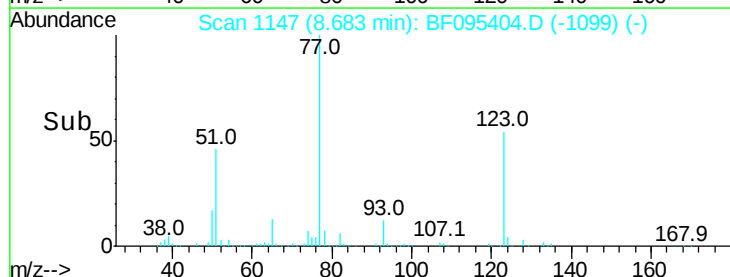
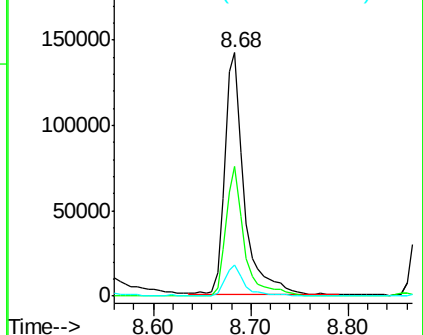


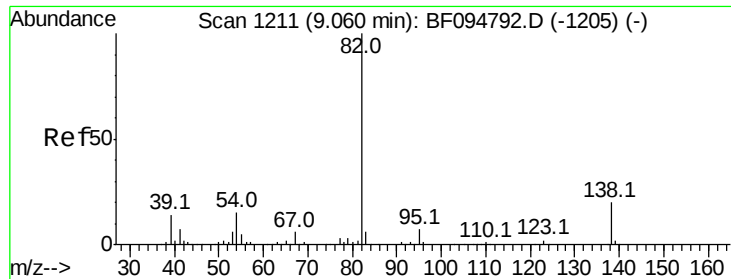
#24
Nitrobenzene
Concen: 38.36 ng
RT: 8.68 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion: 77 Resp: 194705
Ion Ratio Lower Upper
77 100
123 53.4 35.8 53.8
65 12.9 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.46 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

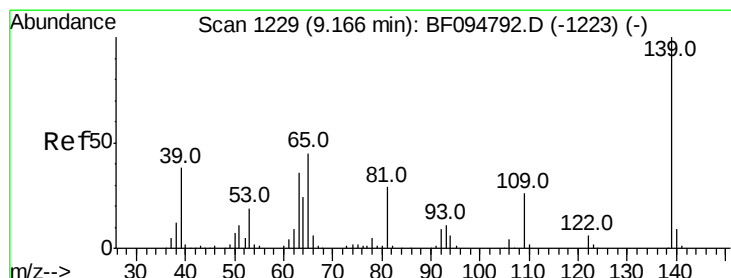
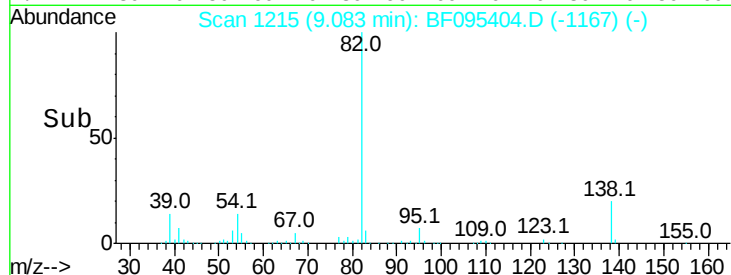
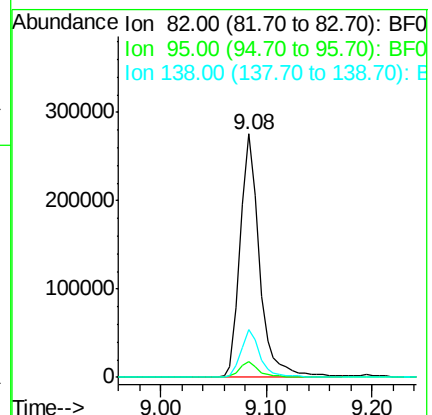
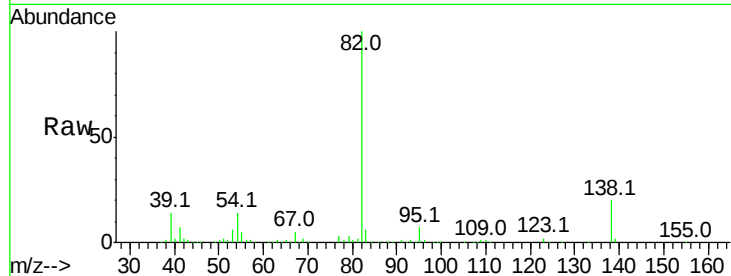
Tot Ion: 82 Resp: 349830

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.5 13.1 19.7



#26

2-Nitrophenol

Concen: 18.03 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

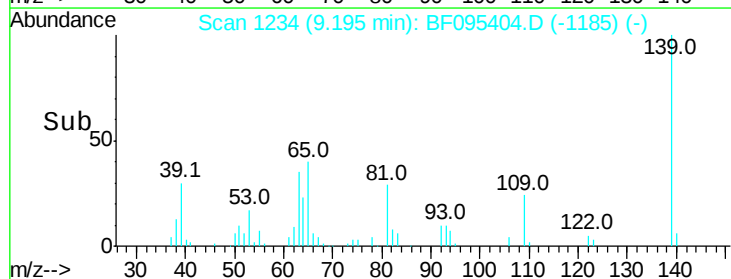
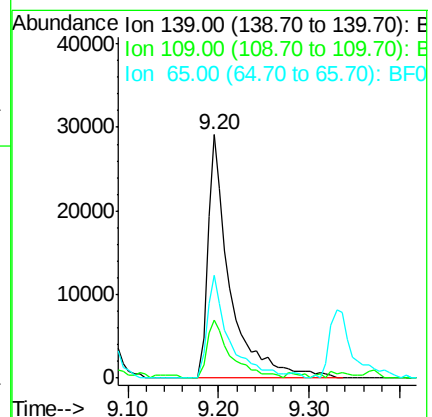
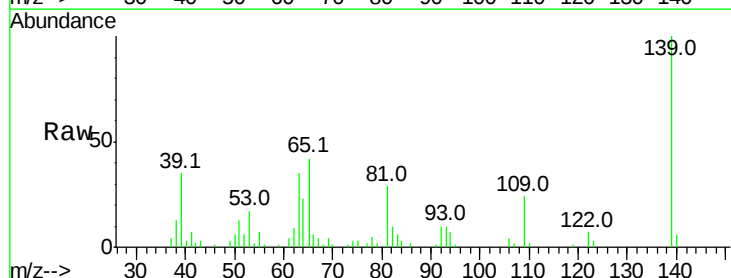
Tgt Ion:139 Resp: 49369

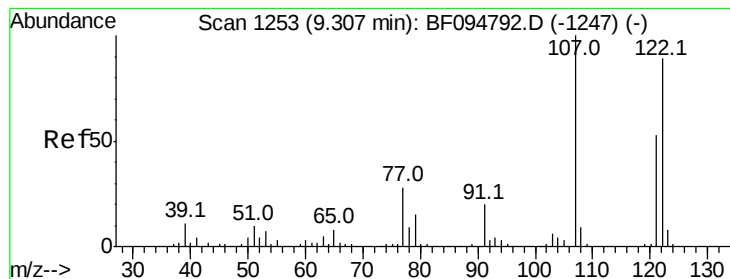
Ion Ratio Lower Upper

139 100

109 23.9 21.0 31.6

65 42.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 36.92 ng

RT: 9.33 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

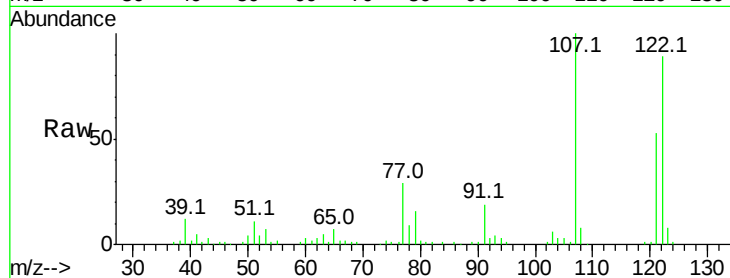
Tot Ion:122 Resp: 163487

Ion Ratio Lower Upper

122 100

107 112.0 89.2 133.8

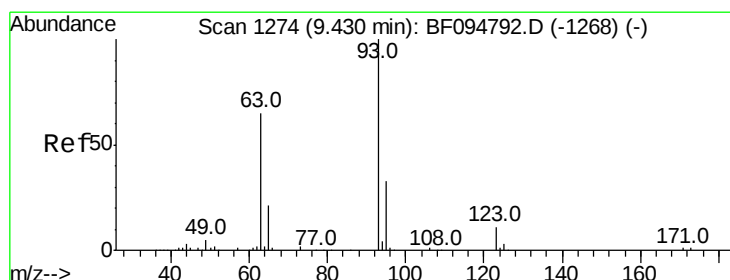
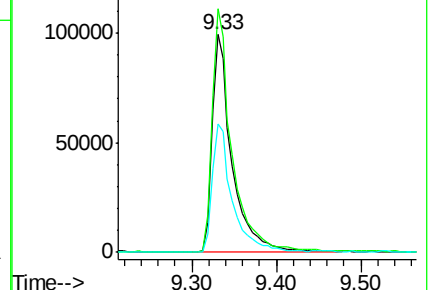
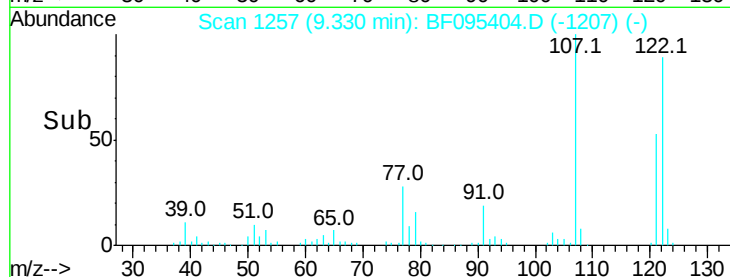
121 58.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.61 ng

RT: 9.45 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

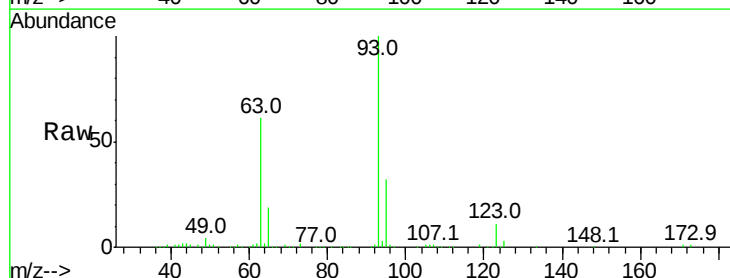
Tgt Ion: 93 Resp: 230954

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

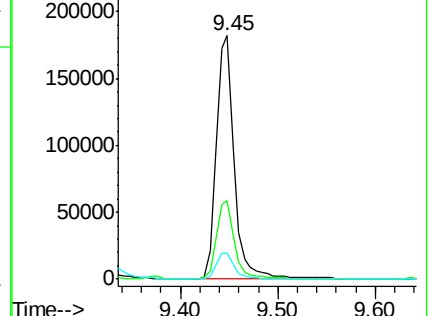
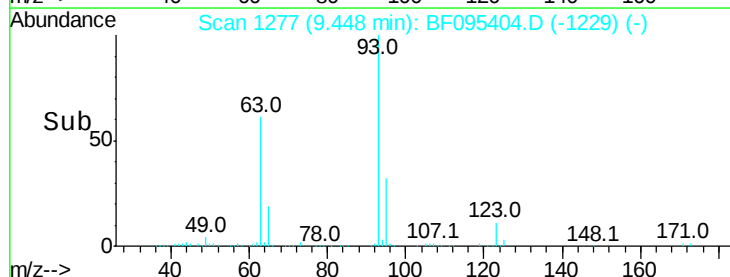
123 10.9 9.0 13.4

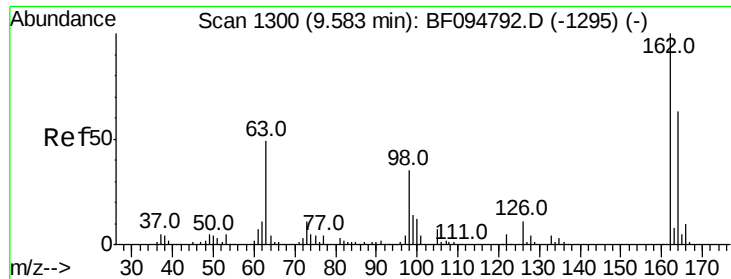


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

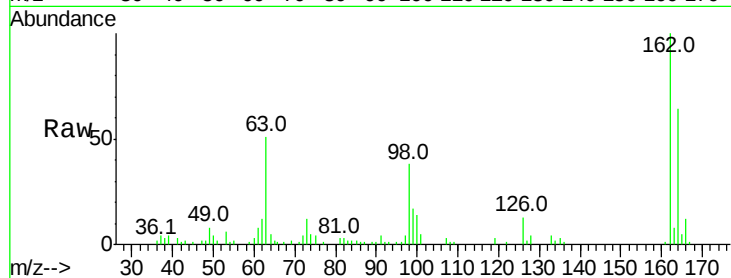




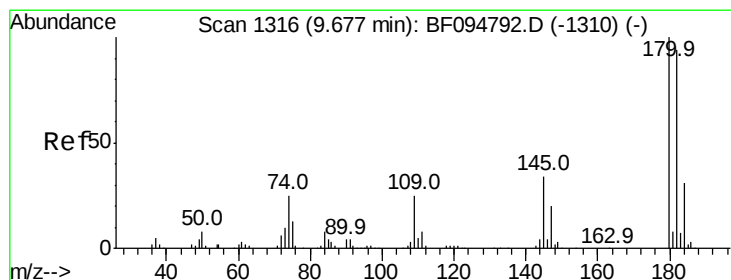
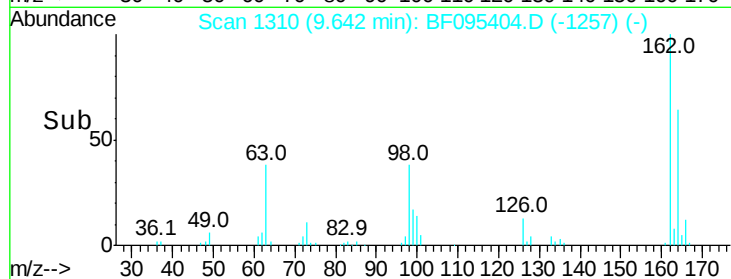
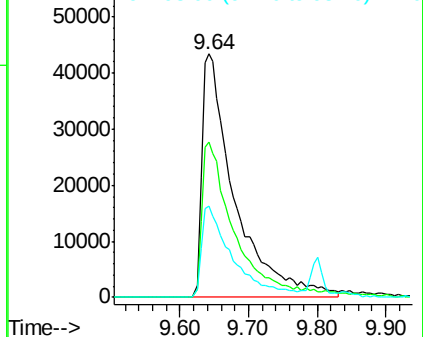
#29
 2,4-Dichlorophenol
 Concen: 34.58 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 144586
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.6 84.6
 98 37.6 14.8 54.8

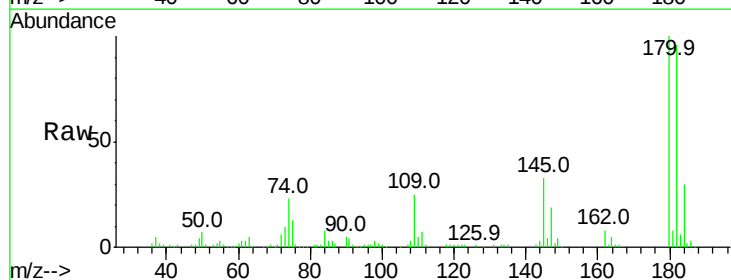


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

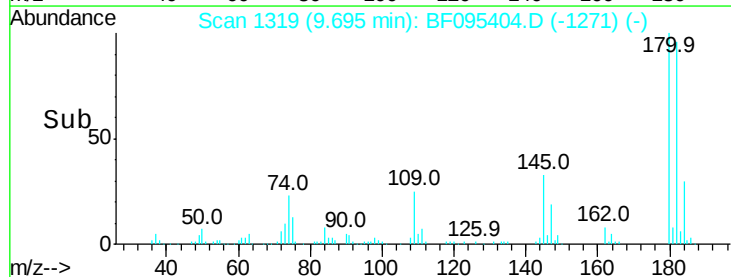
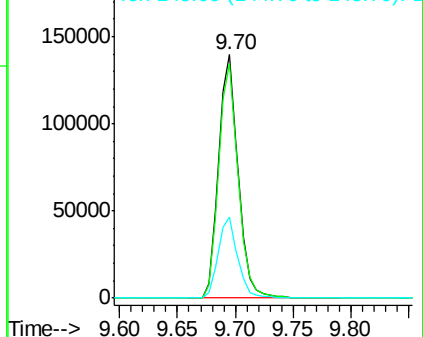


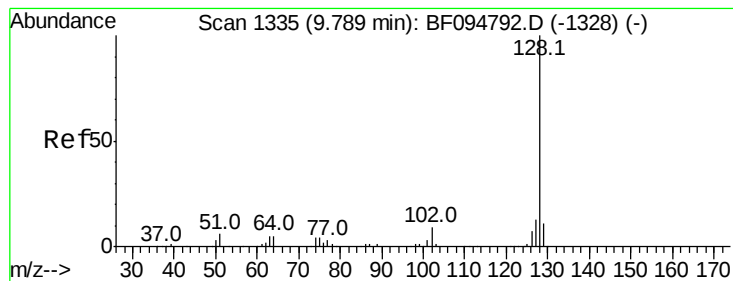
#30
 1,2,4-Trichlorobenzene
 Concen: 36.62 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion:180 Resp: 164046
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.8 113.6
 145 33.3 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.77 ng

RT: 9.80 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

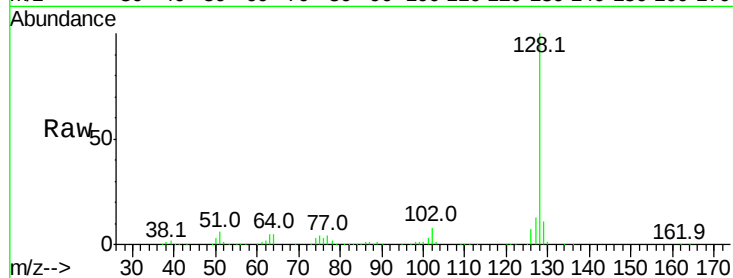
Tot Ion:128 Resp: 610411

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

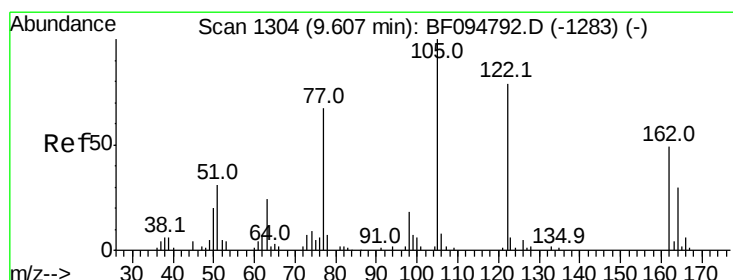
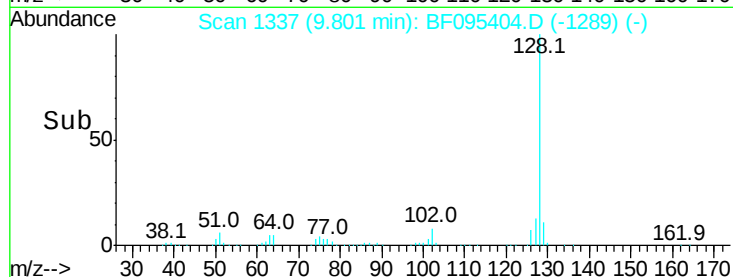
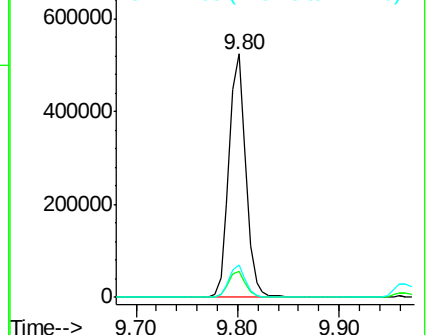
127 13.3 10.8 16.2



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: 5.57 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

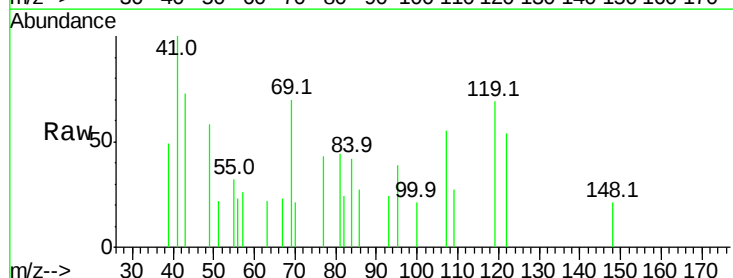
Tgt Ion:122 Resp: 1575

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

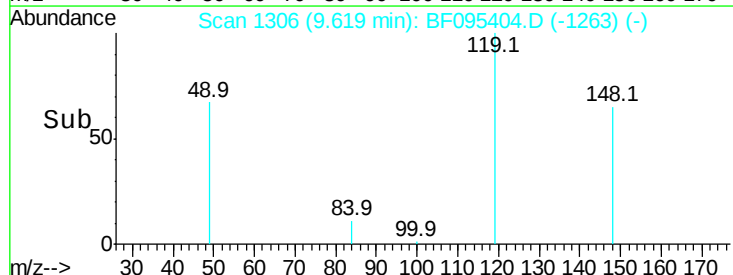
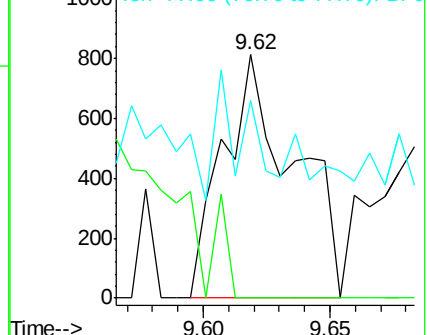
77 81.2 73.7 113.7

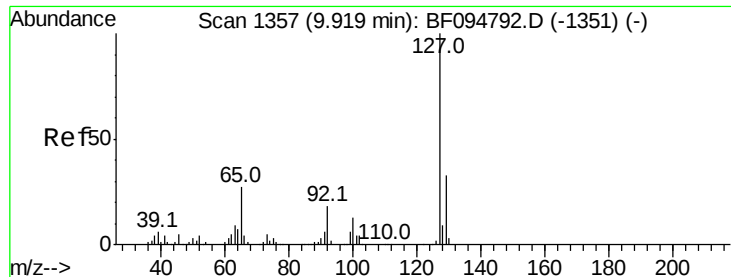


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

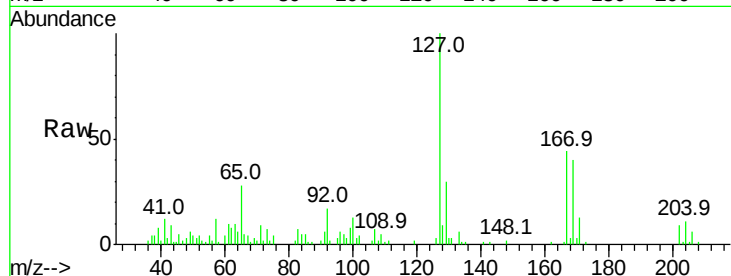




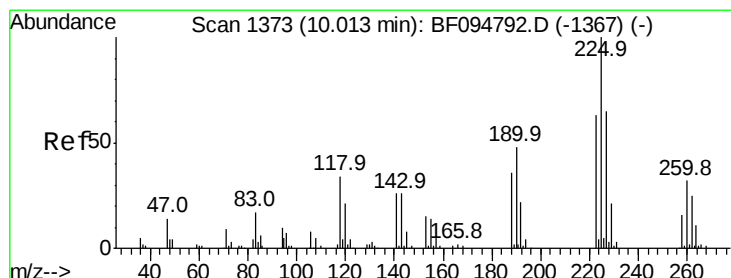
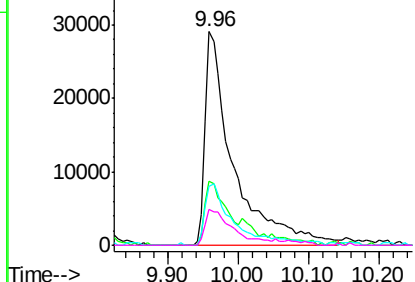
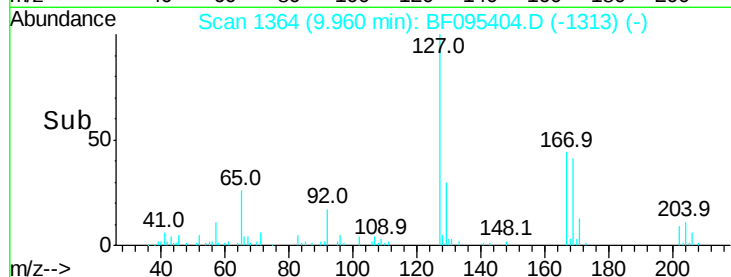
#33
4-Chloroaniline
Concen: 14.16 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	80996
Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.2	39.2
65	27.6	27.8	41.8#
92	16.7	16.8	25.2#

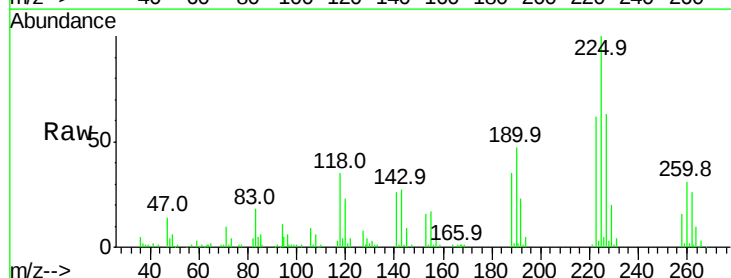


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

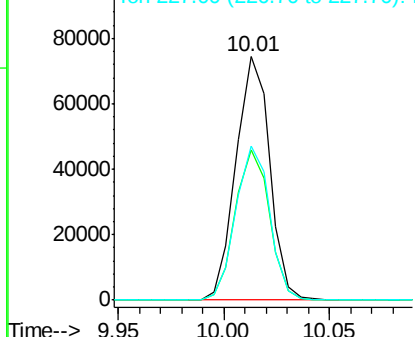
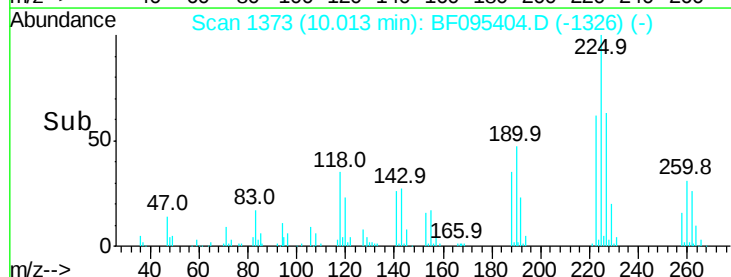


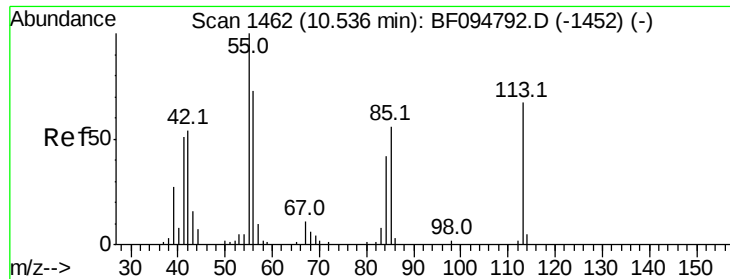
#34
Hexachlorobutadiene
Concen: 34.90 ng
RT: 10.01 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion:	225	Resp:	82496
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.8	73.2
227	63.4	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.77 ng

RT: 10.56 min Scan# 1466

Delta R.T. -0.04 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

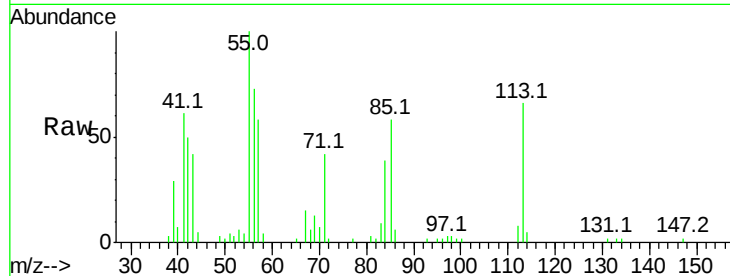
Tot Ion:113 Resp: 46160

Ion Ratio Lower Upper

113 100

55 152.3 150.2 190.2

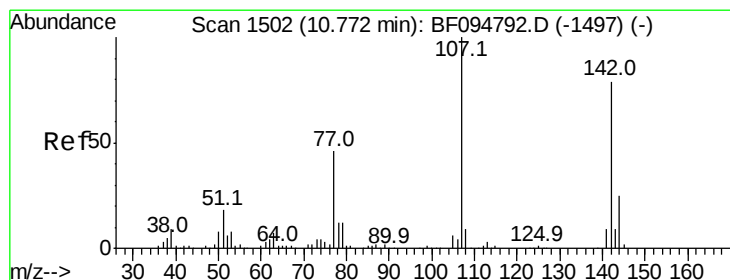
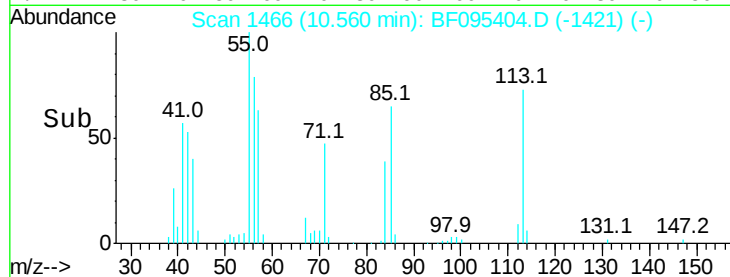
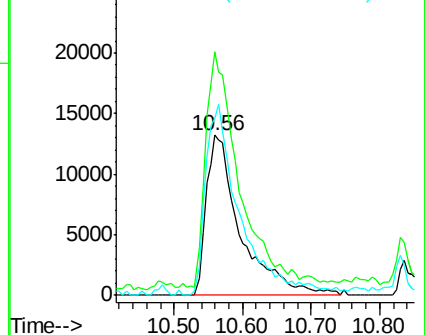
56 110.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.34 ng

RT: 10.84 min Scan# 1513

Delta R.T. 0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

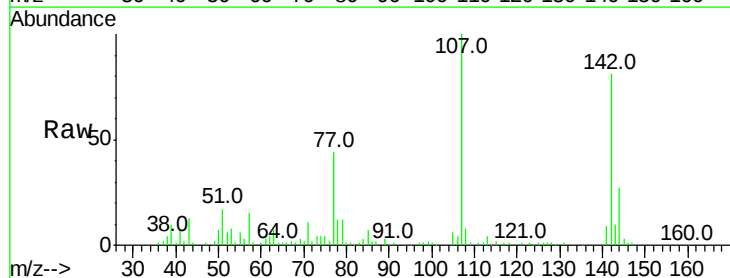
Tgt Ion:107 Resp: 149060

Ion Ratio Lower Upper

107 100

144 26.9 24.2 36.4

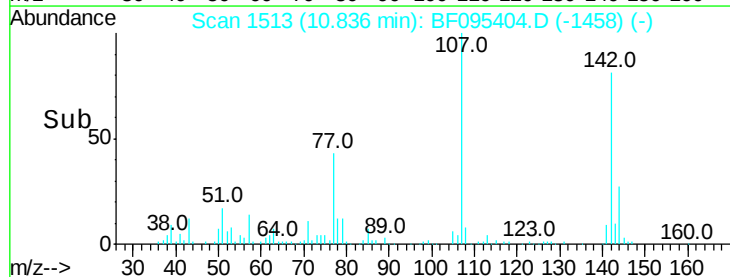
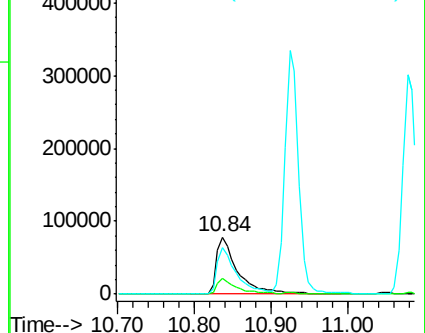
142 81.4 73.4 110.0

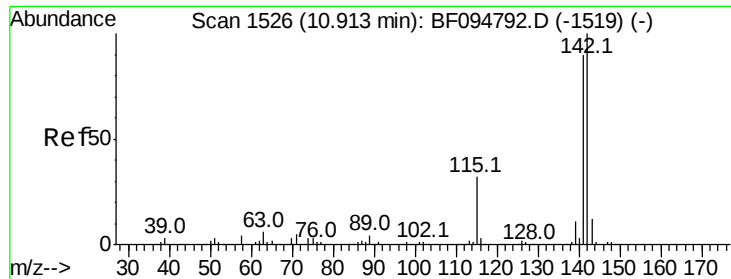


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

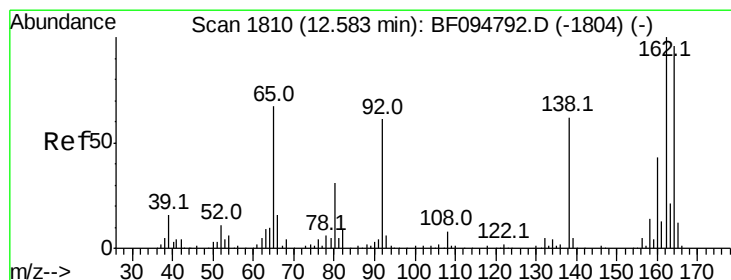
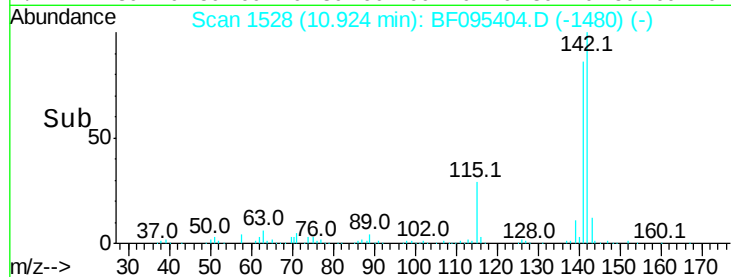
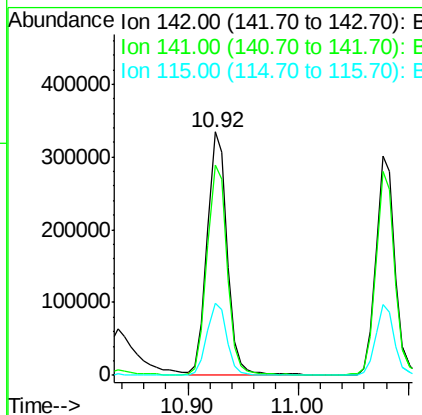
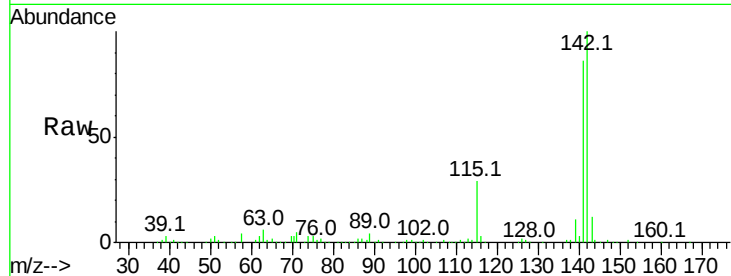




#37
2-Methylnaphthalene
Concen: 40.90 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

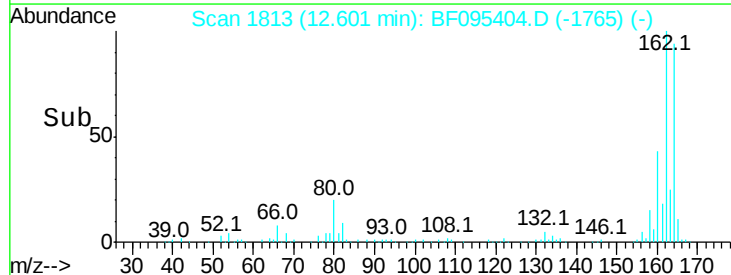
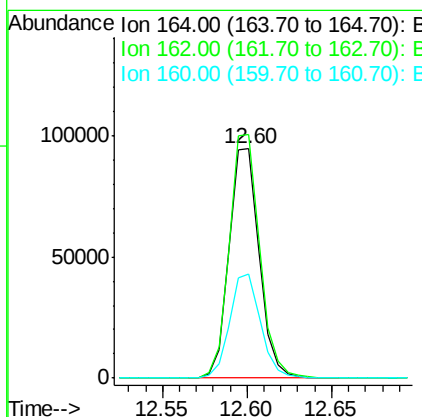
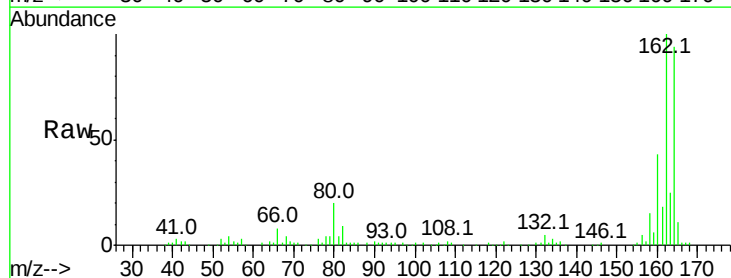
Instrument :
BNA_F
ClientSampled :

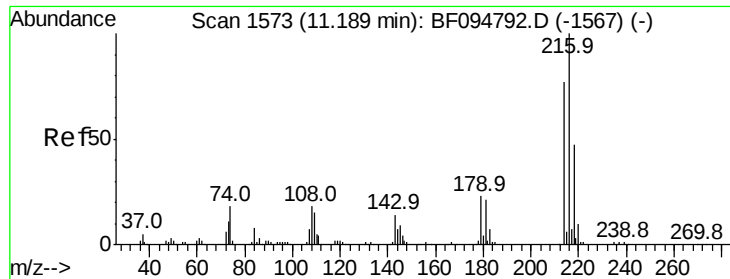
Tot Ion:142 Resp: 411993
Ion Ratio Lower Upper
142 100
141 86.4 71.3 106.9
115 29.4 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion:164 Resp: 117056
Ion Ratio Lower Upper
164 100
162 106.1 82.6 123.8
160 45.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.74 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

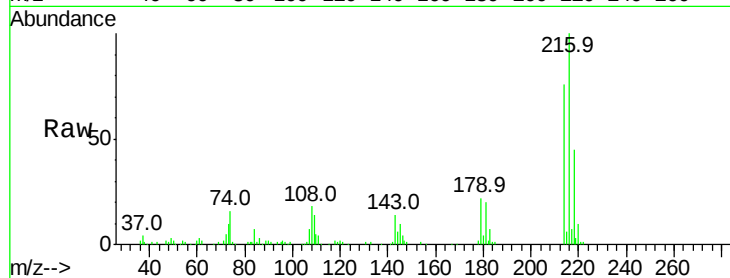
Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 139469

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	21.8	17.9	26.9
108	18.6	16.5	24.7

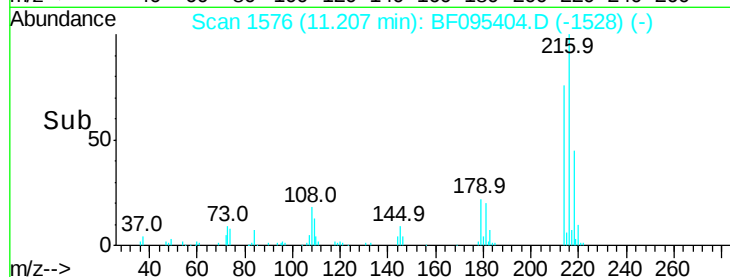


Abundance Ion 216.00 (215.70 to 216.70): E

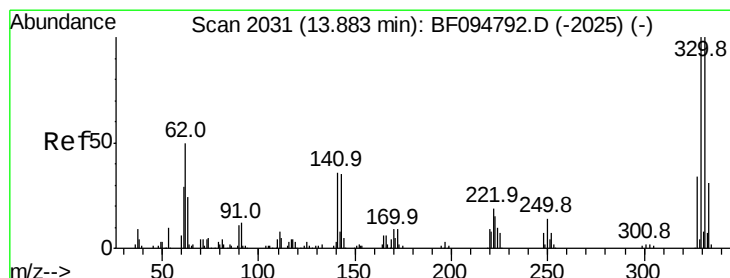
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 105.09 ng

RT: 13.91 min Scan# 2035

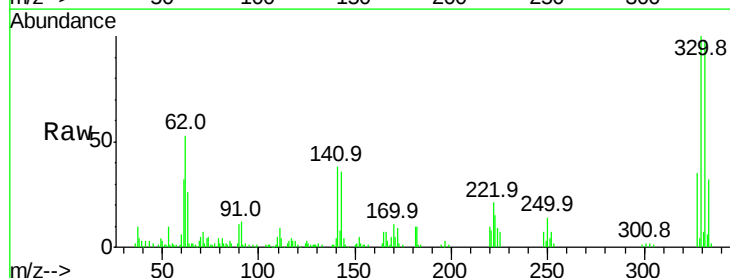
Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Tgt Ion:330 Resp: 100741

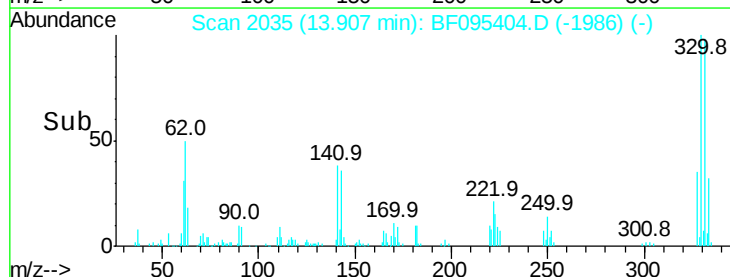
Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	41.1	31.4	47.2



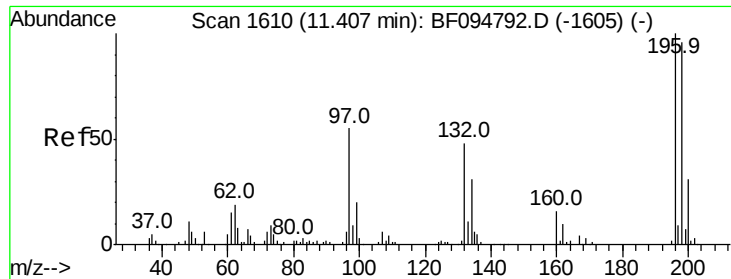
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



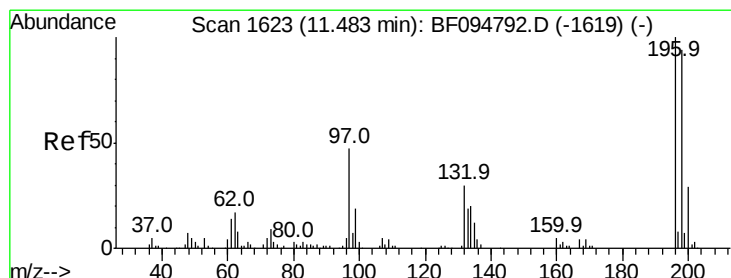
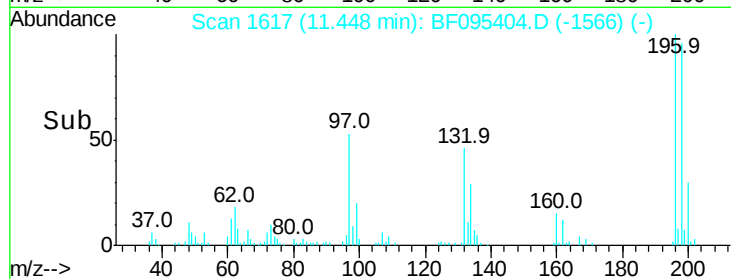
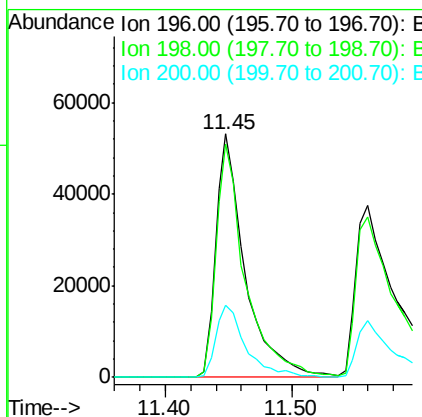
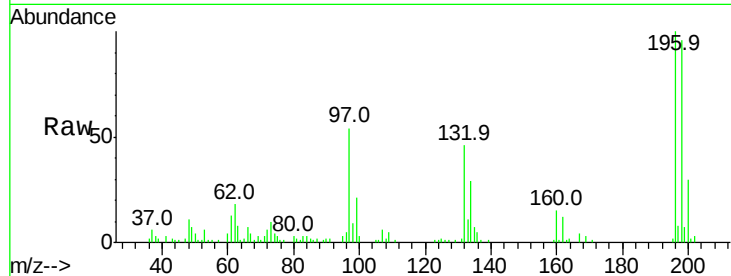
Time-->



#42
 2,4,6-Trichlorophenol
 Concen: 35.64 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

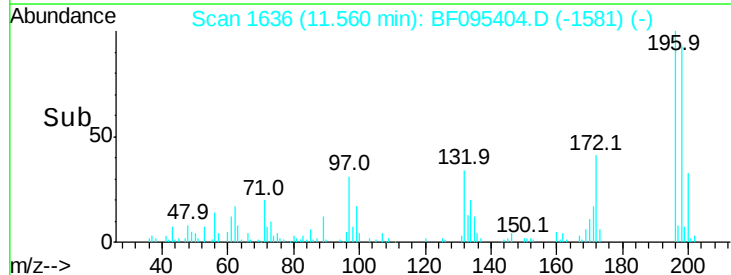
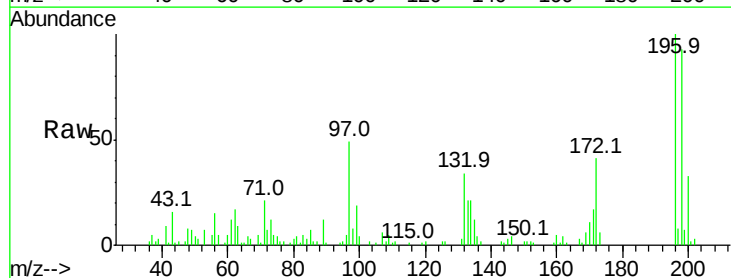
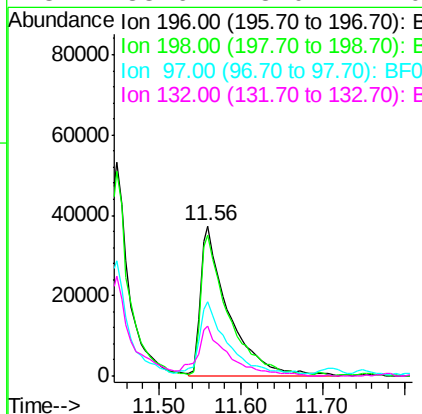
Instrument :
 BNA_F
 ClientSampleId :

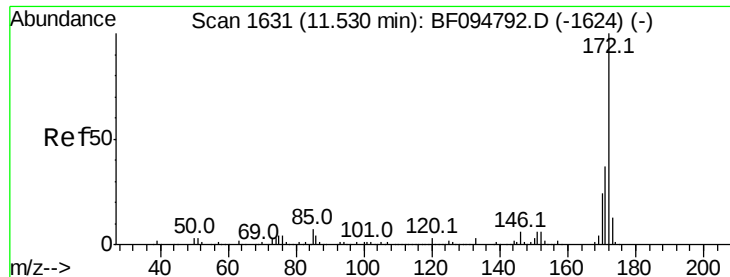
Tot Ion:196 Resp: 85661
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.2 111.4
 200 29.7 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 34.57 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion:196 Resp: 89293
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.7 113.5
 97 49.2 47.7 71.5
 132 33.6 28.0 42.0

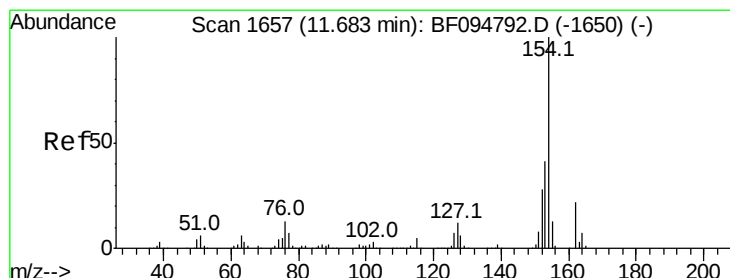
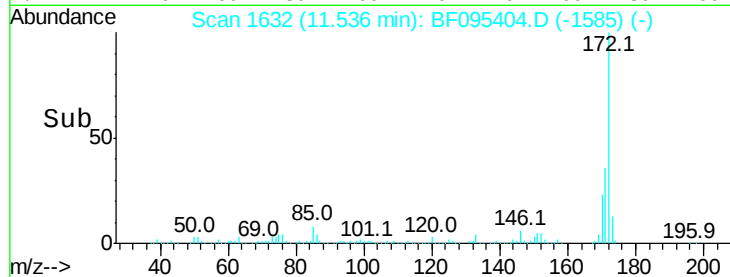
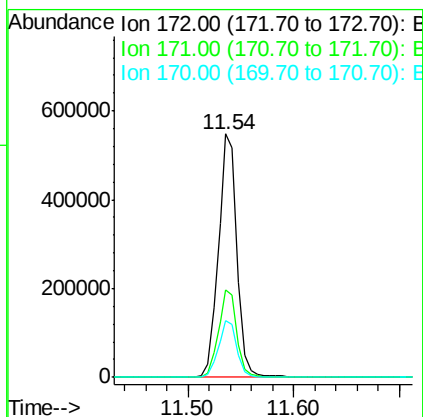
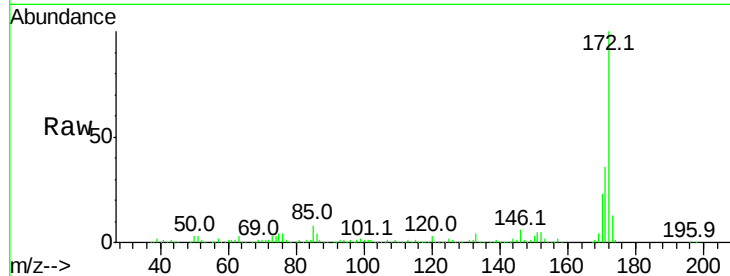




#44
2-Fluorobiphenyl
Concen: 82.80 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

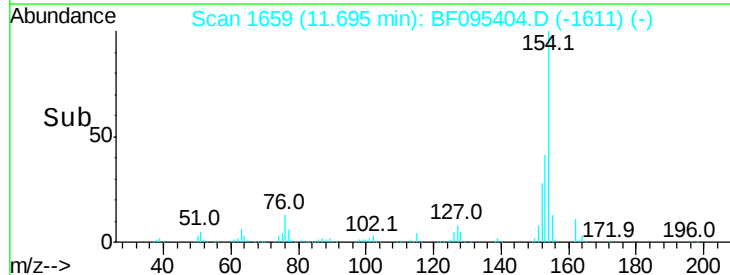
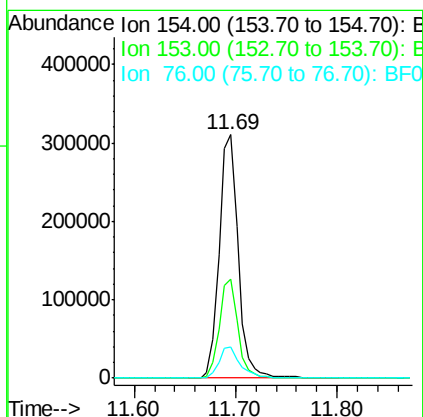
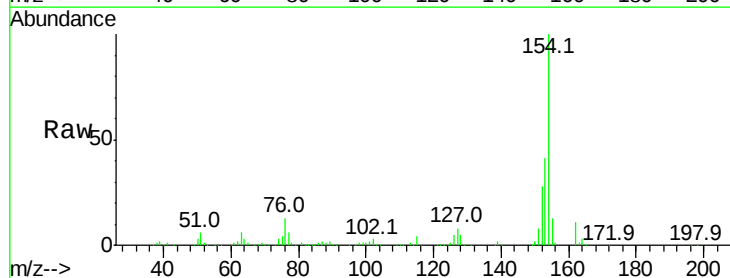
Instrument :
BNA_F
ClientSampleId :

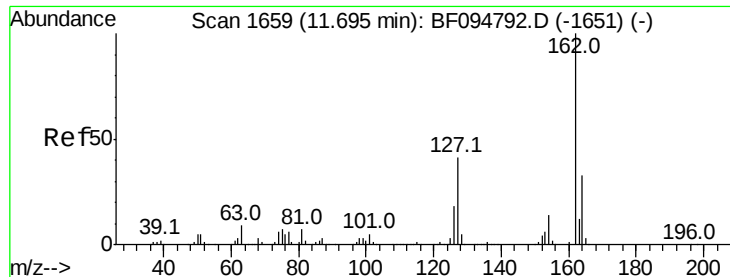
Tot Ion:172 Resp: 673357
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.4 19.8 29.8



#45
1,1'-Biphenyl
Concen: 40.86 ng
RT: 11.69 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion:154 Resp: 402689
Ion Ratio Lower Upper
154 100
153 40.8 21.2 61.2
76 12.7 0.0 29.9

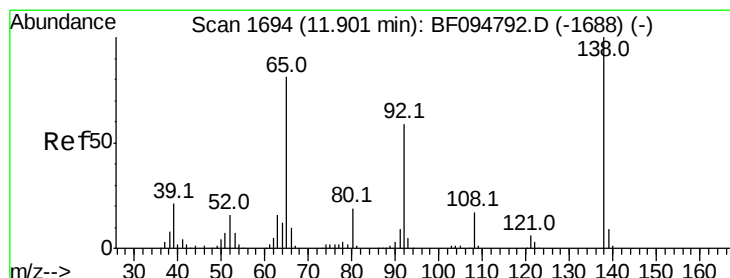
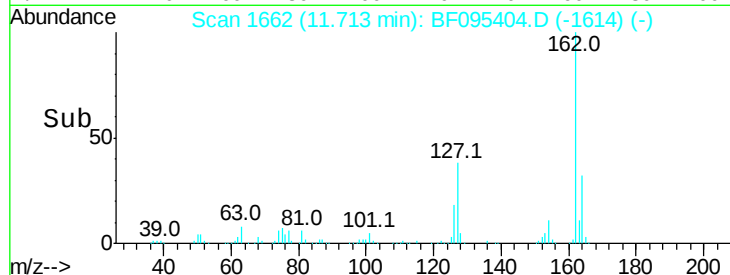
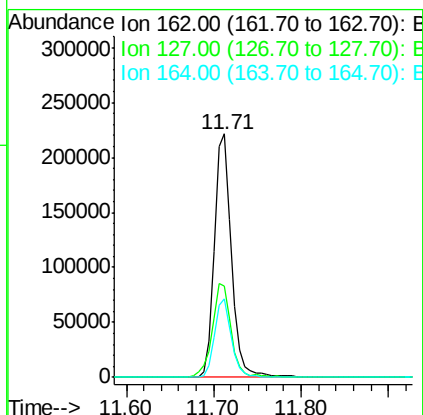
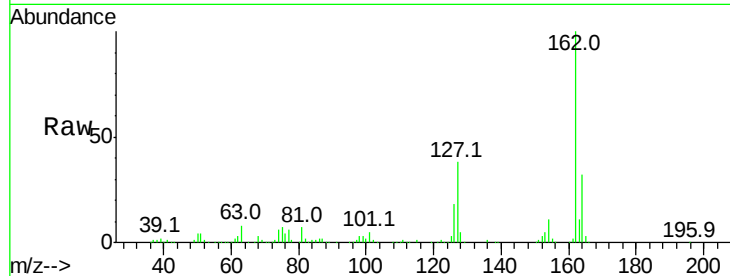




#46
 2-Chloronaphthalene
 Concen: 37.94 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

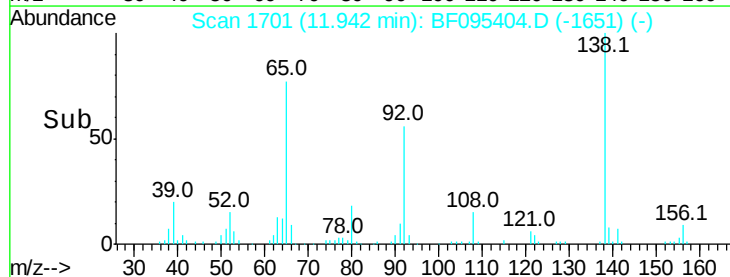
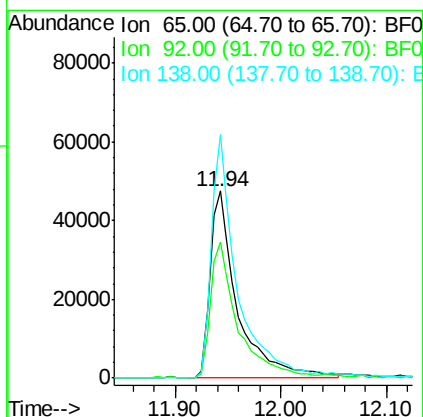
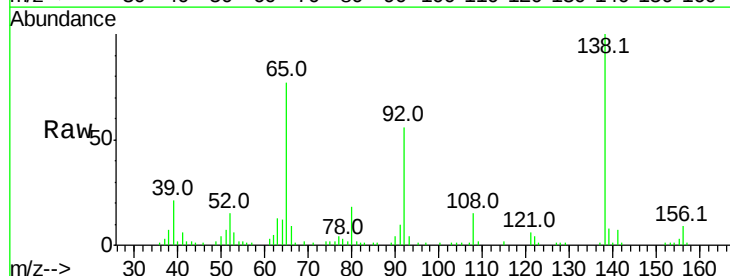
Instrument :
 BNA_F
 ClientSampled :

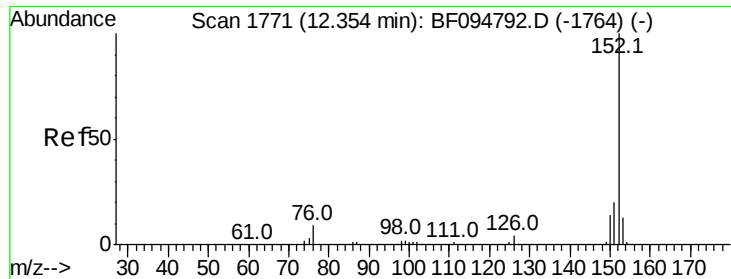
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	28.3	42.5
164	32.4	27.0	40.4



#47
 2-Nitroaniline
 Concen: 39.74 ng
 RT: 11.94 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	53.9	80.9
138	130.2	78.8	118.2





#48

Acenaphthylene

Concen: 37.99 ng

RT: 12.37 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

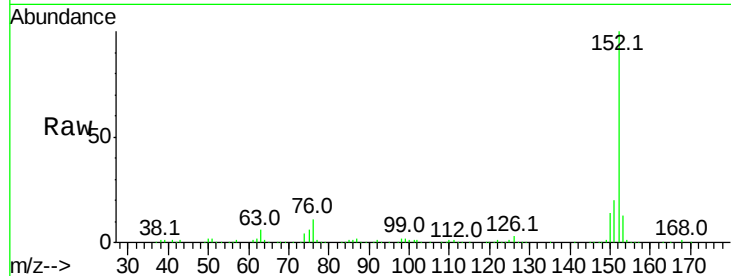
Tot Ion:152 Resp: 473574

Ion Ratio Lower Upper

152 100

151 19.6 16.8 25.2

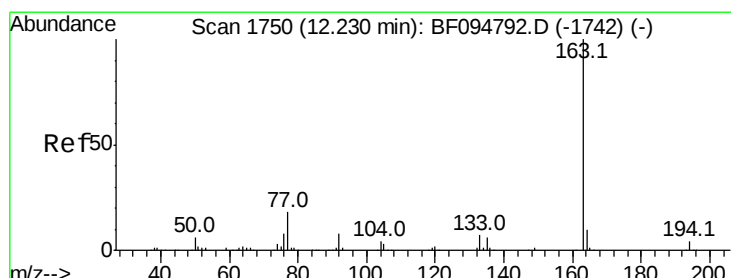
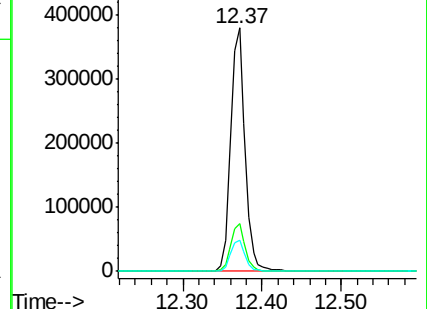
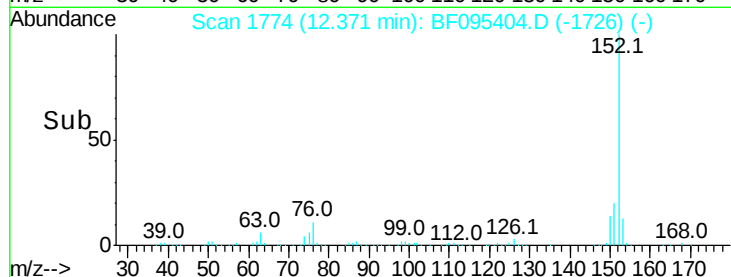
153 12.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.36 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

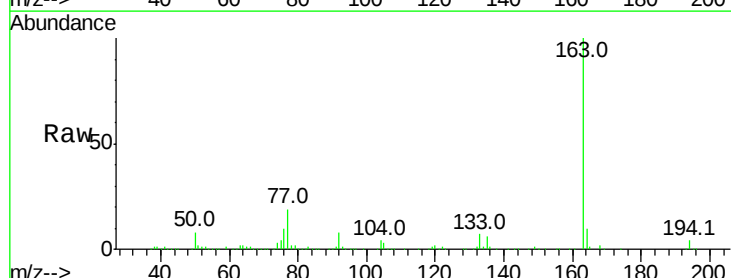
Tgt Ion:163 Resp: 455110

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

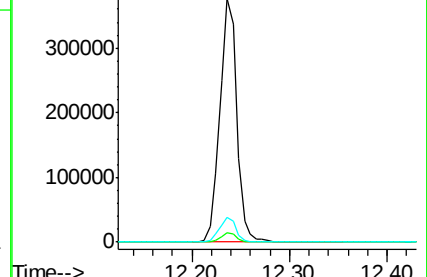
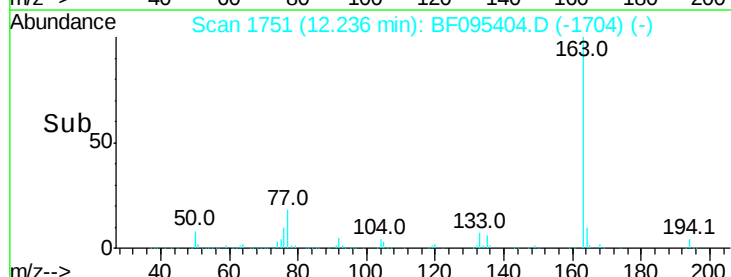
164 9.9 8.4 12.6

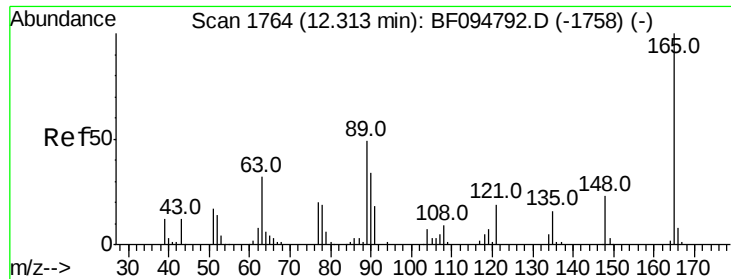


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

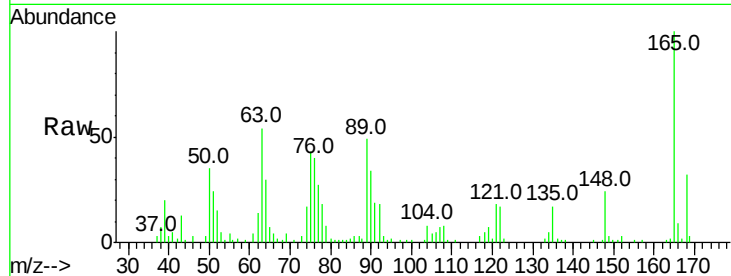




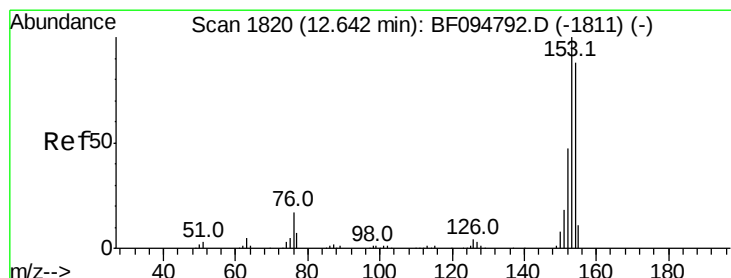
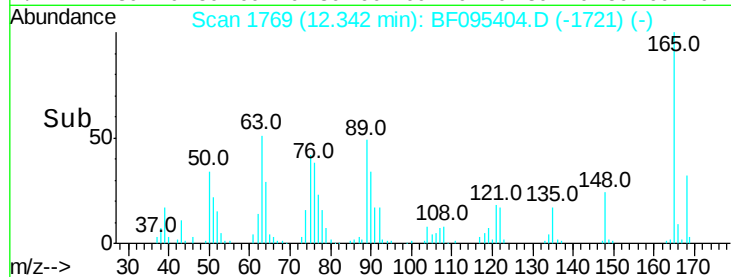
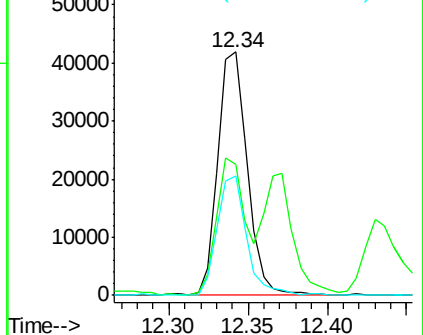
#50
 2,6-Dinitrotoluene
 Concen: 27.62 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 54145
 Ion Ratio Lower Upper
 165 100
 63 53.7 34.3 51.5#
 89 48.9 37.1 55.7

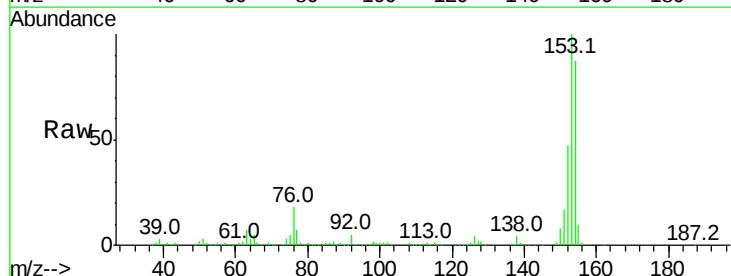


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

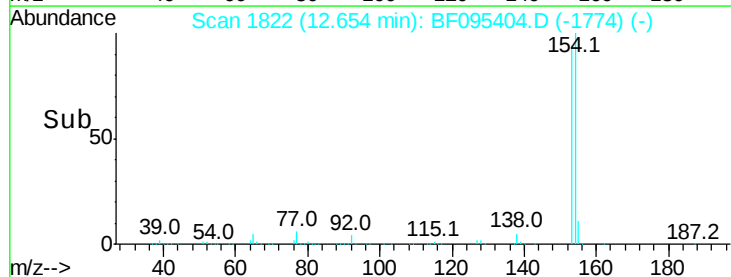
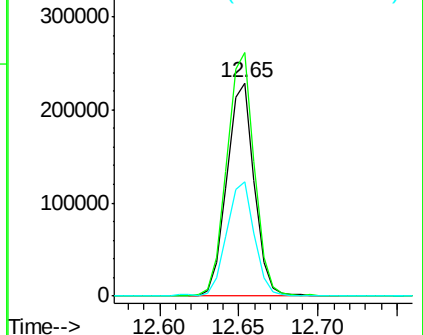


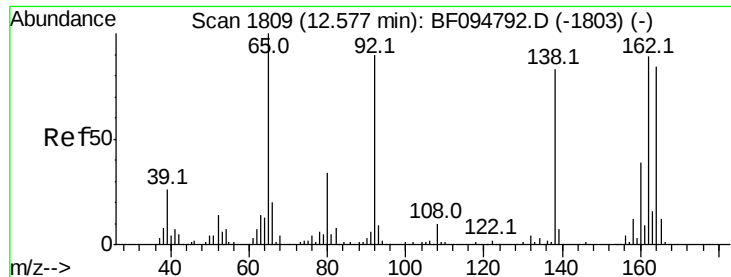
#51
 Acenaphthene
 Concen: 36.88 ng
 RT: 12.65 min Scan# 1822
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion:154 Resp: 274571
 Ion Ratio Lower Upper
 154 100
 153 114.3 90.5 135.7
 152 53.7 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: 38.53 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampled :

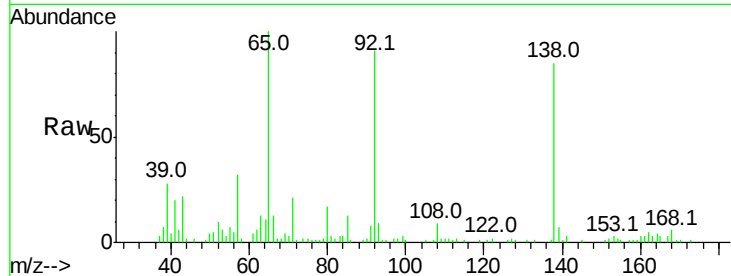
Tot Ion:138 Resp: 81079

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

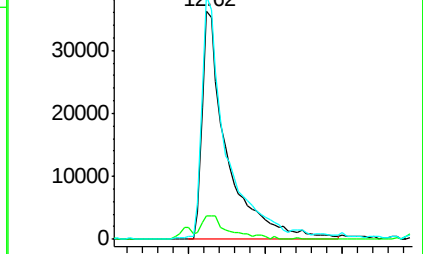
92 106.9 93.8 140.6



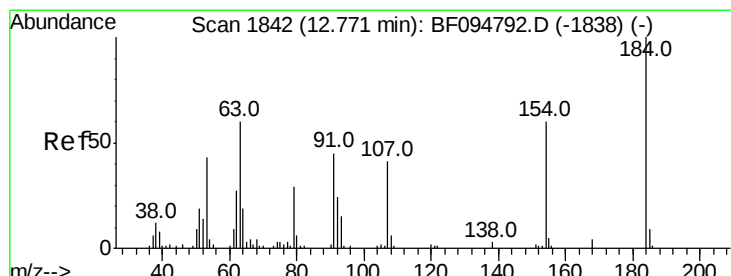
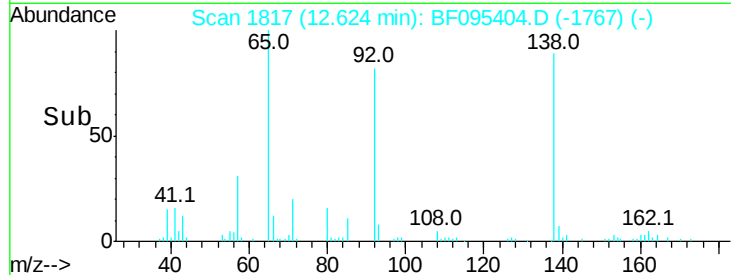
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#53

2,4-Dinitrophenol

Concen: 6.68 ng

RT: 12.97 min Scan# 1876

Delta R.T. 0.12 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

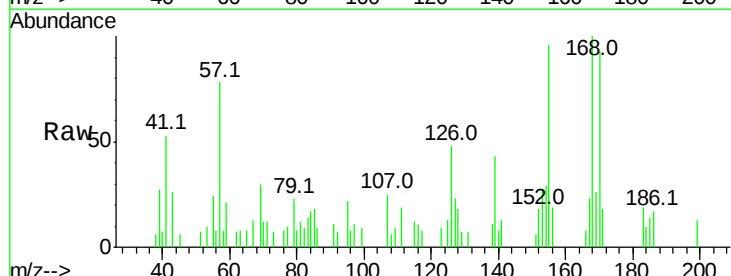
Tgt Ion:184 Resp: 511

Ion Ratio Lower Upper

184 100

63 79.3 62.7 94.1

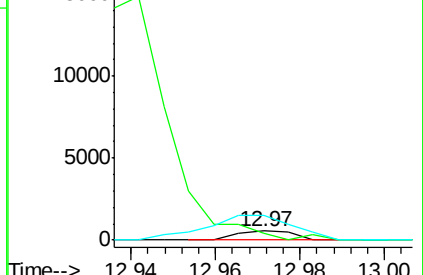
154 279.6 81.1 121.7#



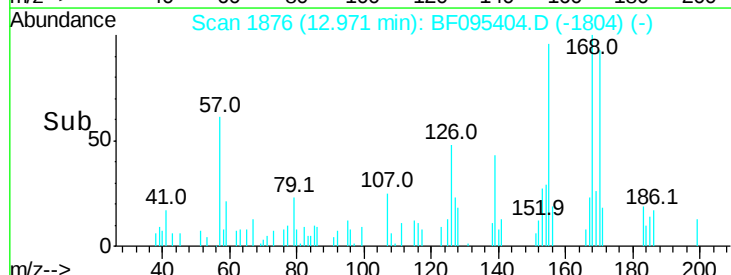
Abundance Ion 184.00 (183.70 to 184.70): E

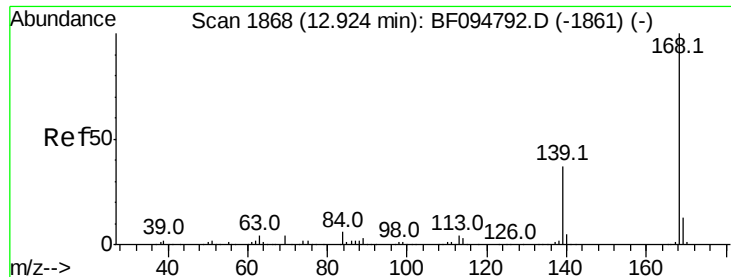
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



Time-->

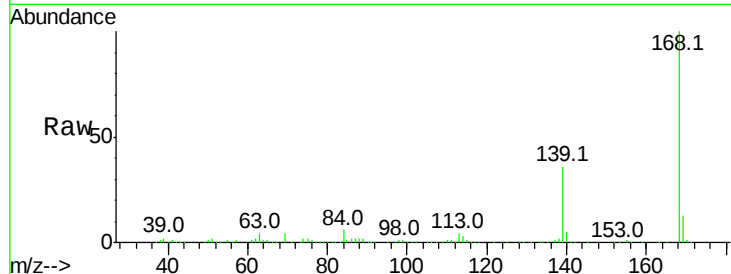




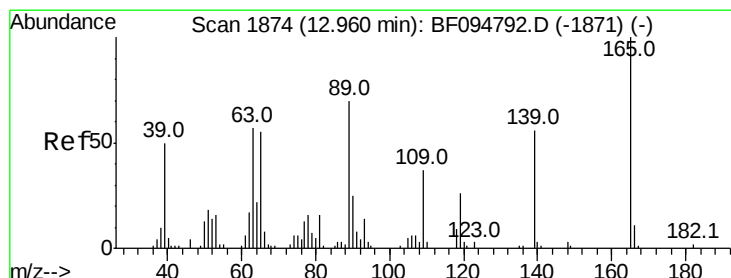
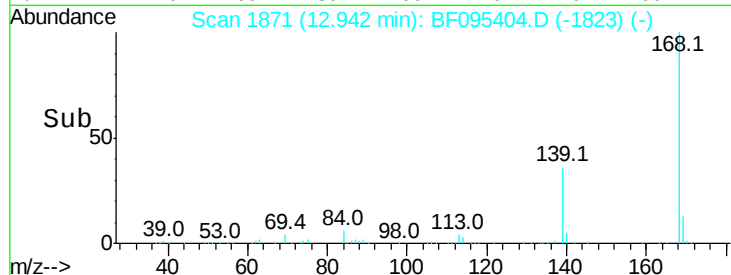
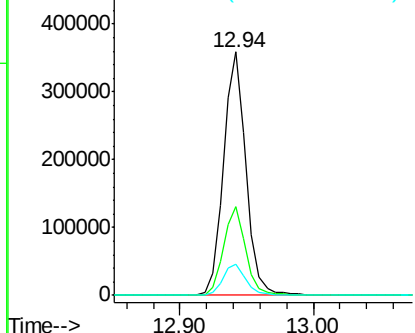
#54
Dibenzenofuran
Concen: 41.19 ng
RT: 12.94 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 424356
Ion Ratio Lower Upper
168 100
139 36.2 30.6 45.8
169 13.0 10.8 16.2

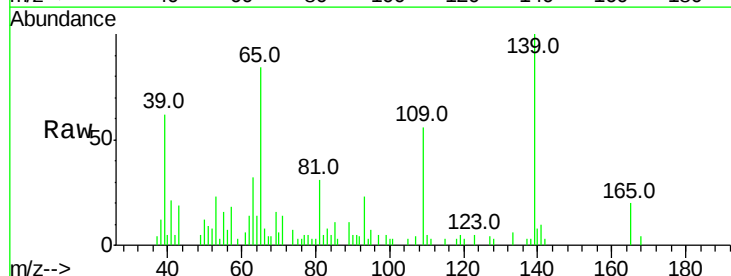


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

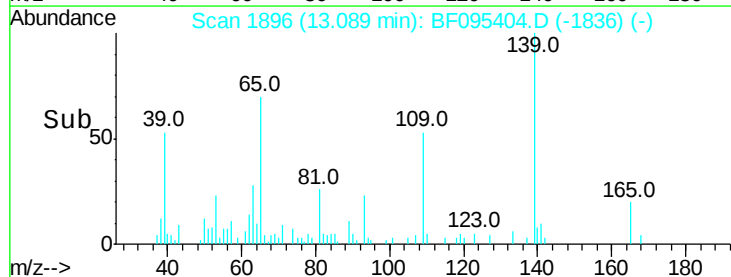
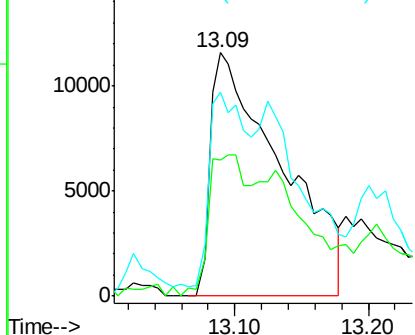


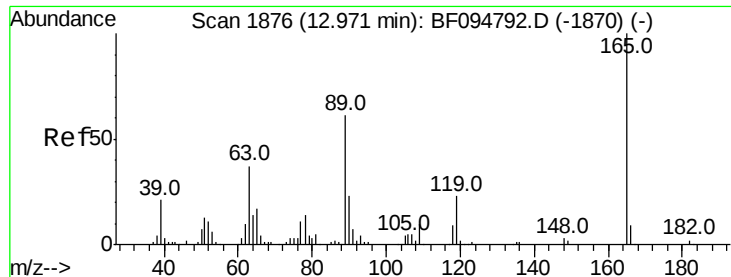
#55
4-Nitrophenol
Concen: 33.82 ng
RT: 13.09 min Scan# 1896
Delta R.T. 0.05 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion:139 Resp: 42737
Ion Ratio Lower Upper
139 100
109 56.0 34.1 74.1
65 83.9 31.4 71.4#



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

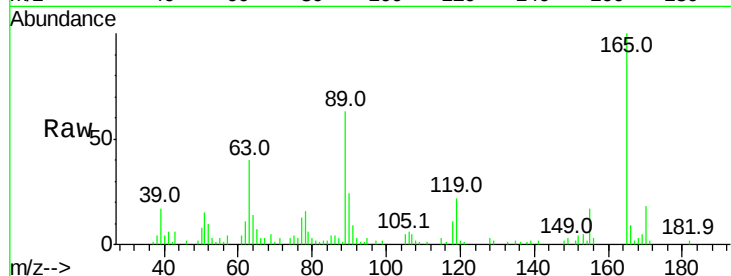




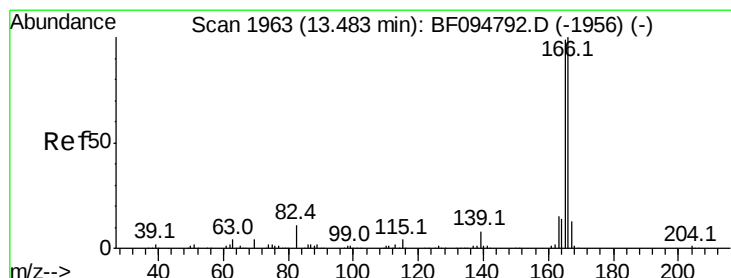
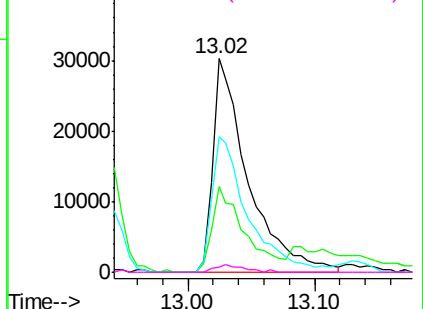
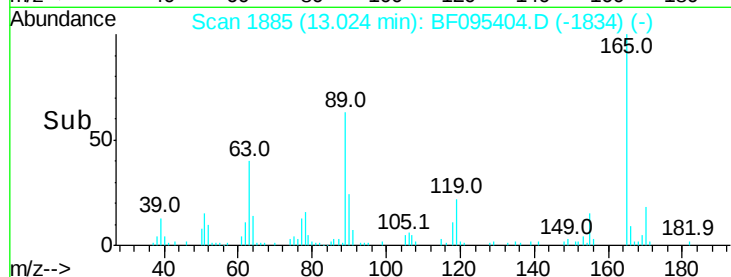
#56
2,4-Dinitrotoluene
Concen: 23.26 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 58596
Ion Ratio Lower Upper
165 100
63 39.9 25.4 38.0#
89 63.4 46.4 69.6
182 2.2 1.8 2.6

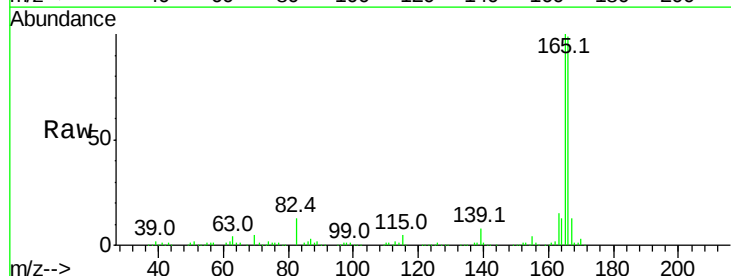


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

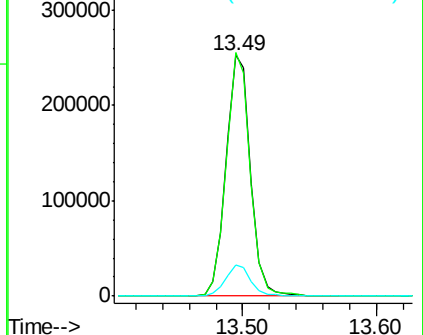
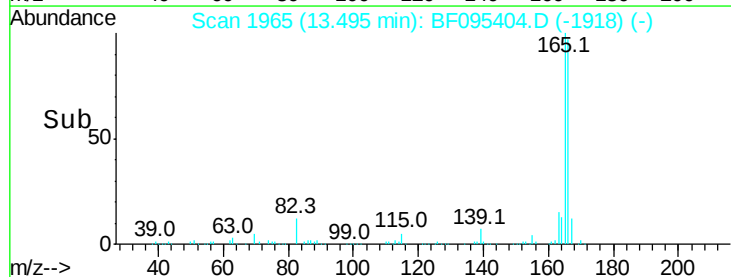


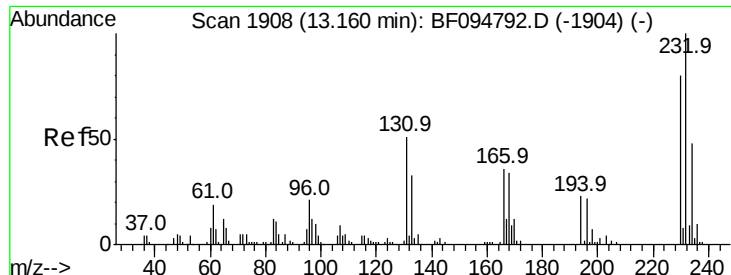
#57
Fluorene
Concen: 36.12 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion:166 Resp: 323596
Ion Ratio Lower Upper
166 100
165 101.0 78.8 118.2
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

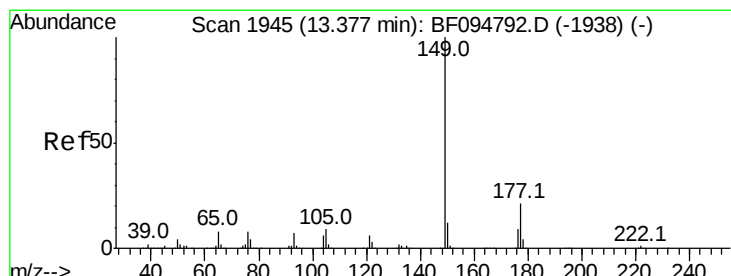
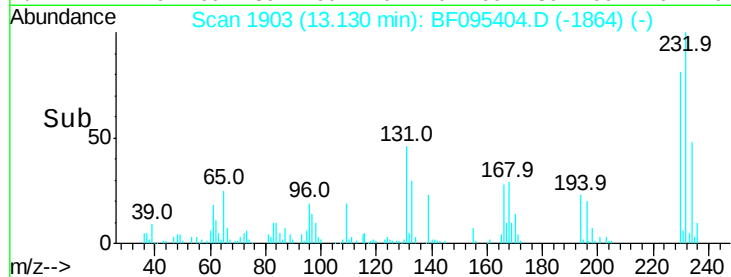
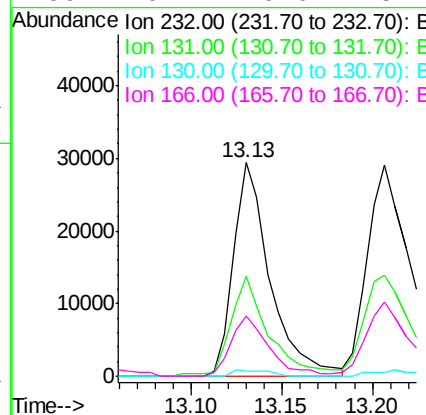
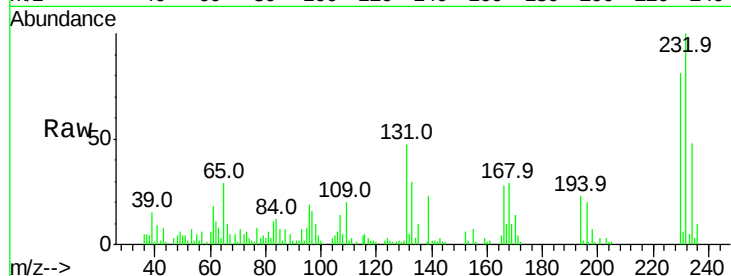




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.56 ng
 RT: 13.13 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

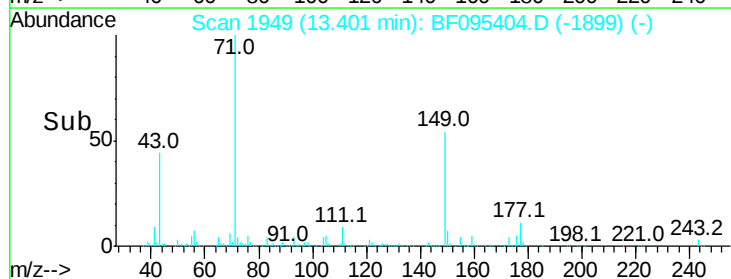
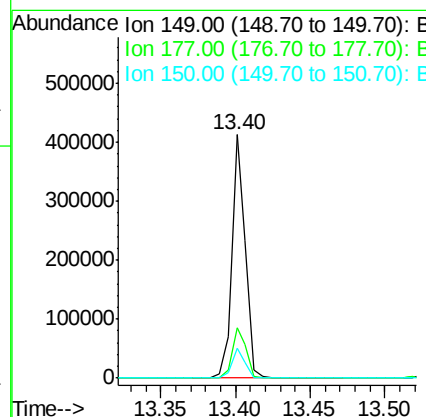
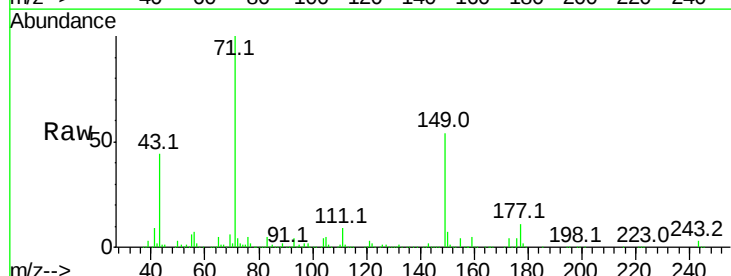
Instrument :
 BNA_F
 ClientSampleId :

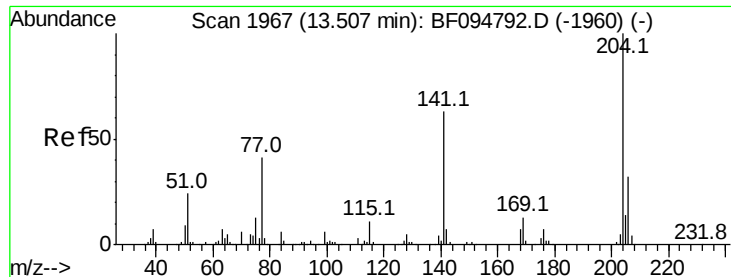
Tot Ion:	232	Resp:	41562
Ion	Ratio	Lower	Upper
232	100		
131	48.4	44.8	67.2
130	2.9	2.3	3.5
166	29.2	29.0	43.4



#59
 Diethylphthalate
 Concen: 28.53 ng
 RT: 13.40 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion:	149	Resp:	262740
Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.3	10.2	15.2

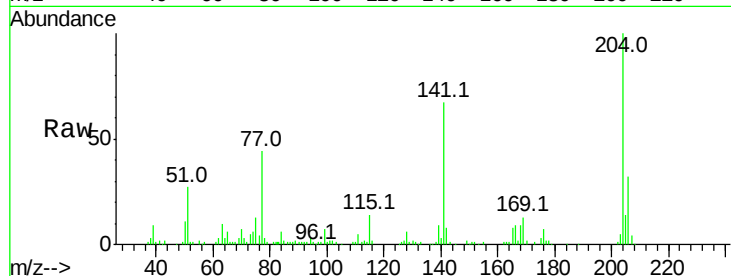




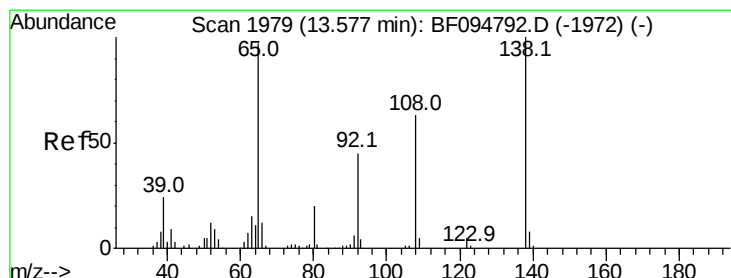
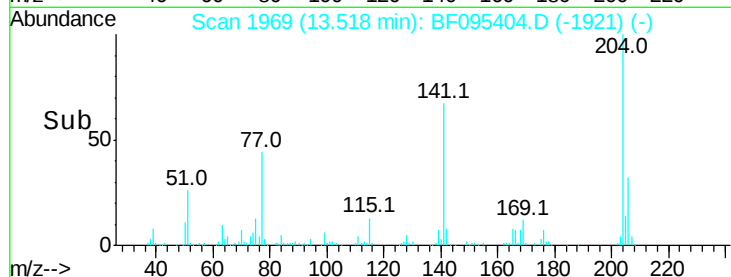
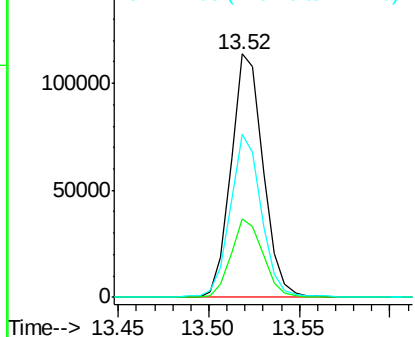
#60
 4-Chlorophenyl-phenylether
 Concen: 35.49 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 139718
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.2 39.2
 141 67.1 60.8 91.2

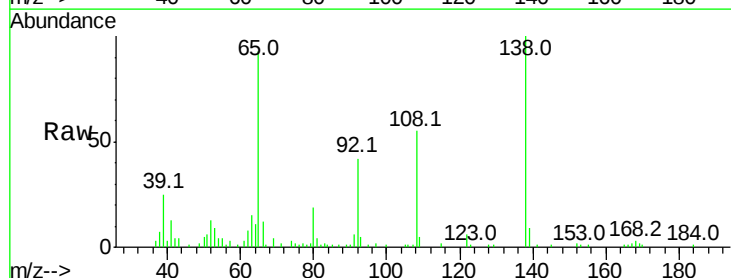


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

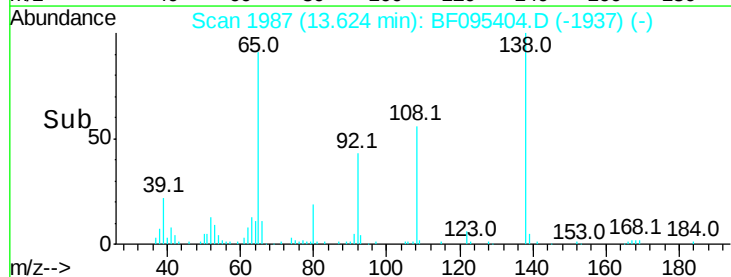
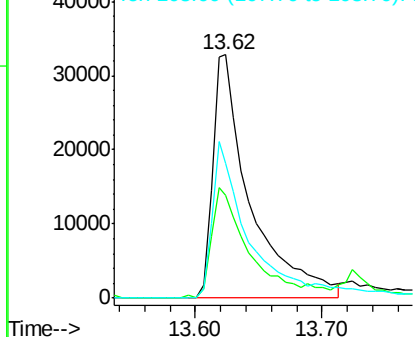


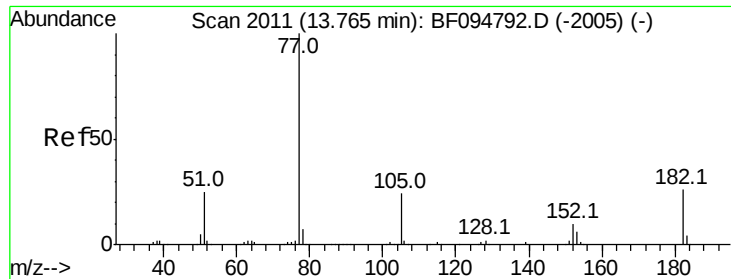
#61
 4-Nitroaniline
 Concen: 35.26 ng
 RT: 13.62 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion:138 Resp: 68107
 Ion Ratio Lower Upper
 138 100
 92 42.2 21.8 61.8
 108 55.3 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

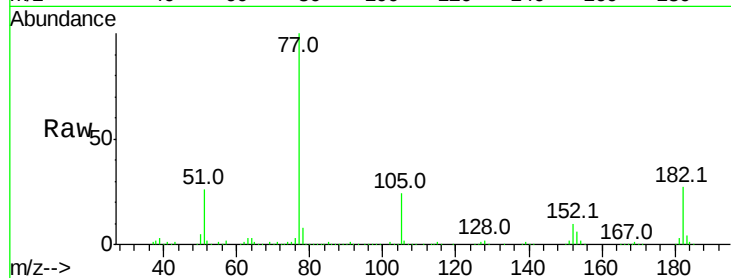




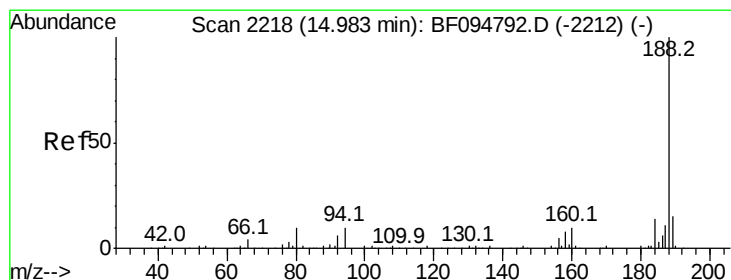
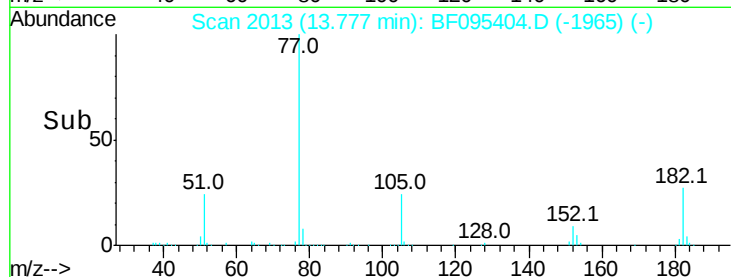
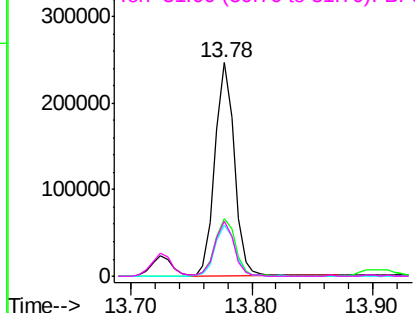
#62
Azobenzene
Concen: 36.81 ng
RT: 13.78 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 272460
Ion Ratio Lower Upper
77 100
182 27.2 0.1 40.1
105 24.0 3.6 43.6
51 25.8 9.4 49.4

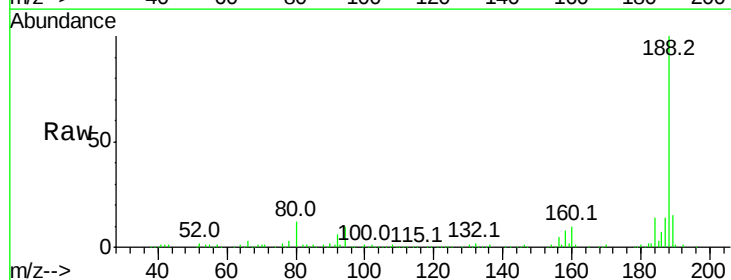


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

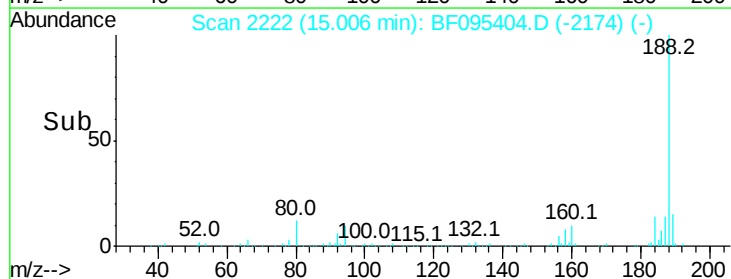
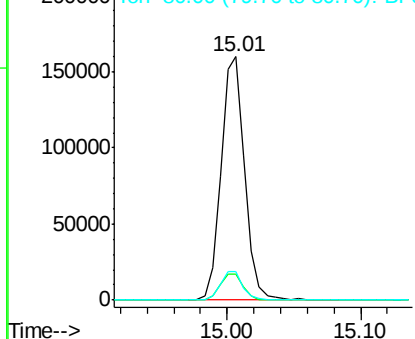


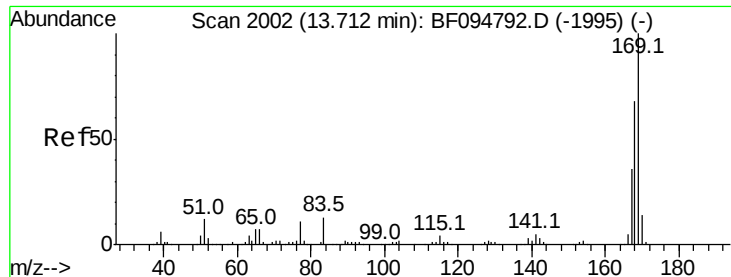
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion: 188 Resp: 198313
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.5 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





#65

n-Nitrosodiphenylamine

Concen: 37.74 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

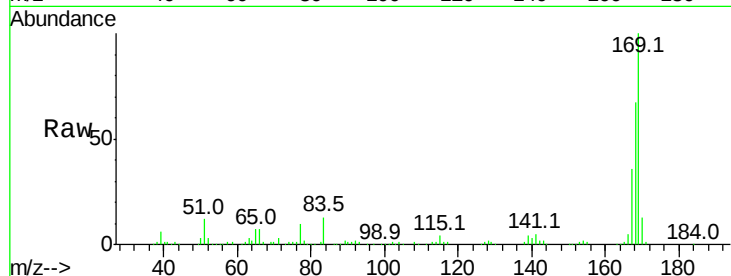
Tot Ion:169 Resp: 271624

Ion Ratio Lower Upper

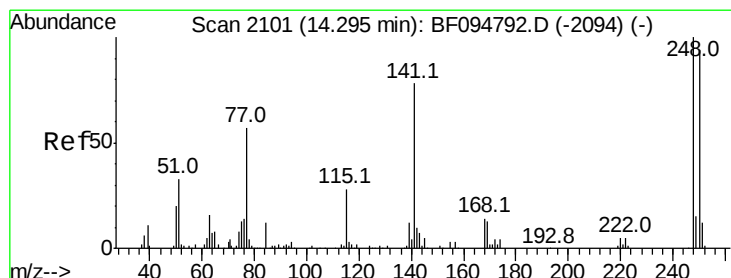
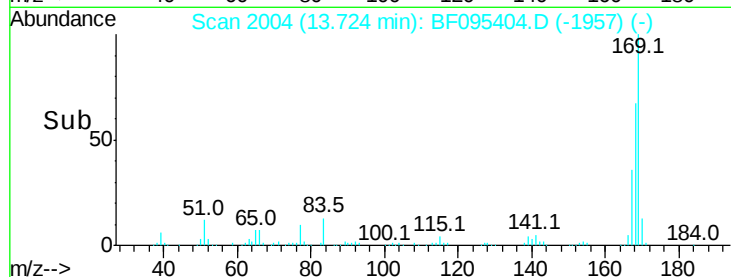
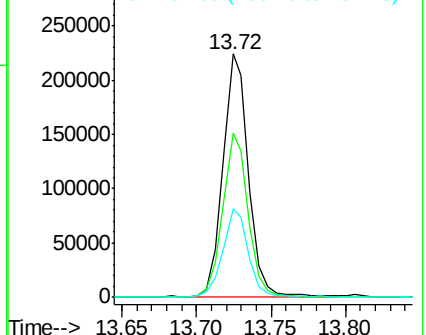
169 100

168 67.4 53.2 79.8

167 36.3 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 35.80 ng

RT: 14.31 min Scan# 2103

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

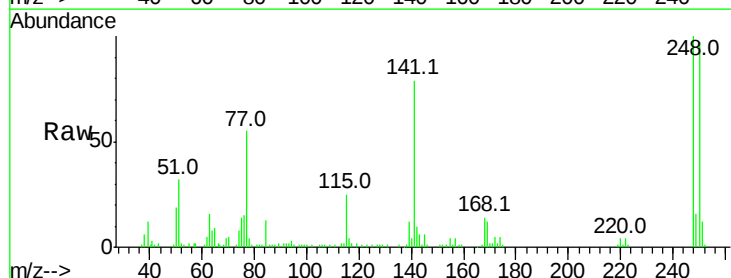
Tgt Ion:248 Resp: 75011

Ion Ratio Lower Upper

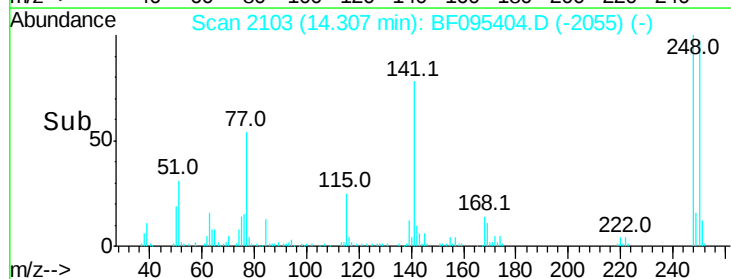
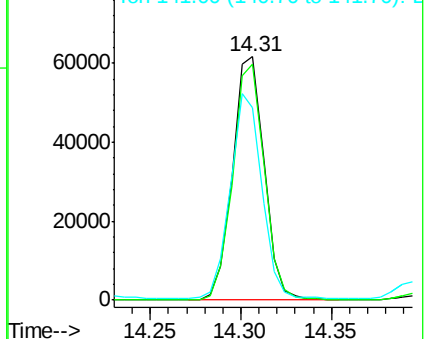
248 100

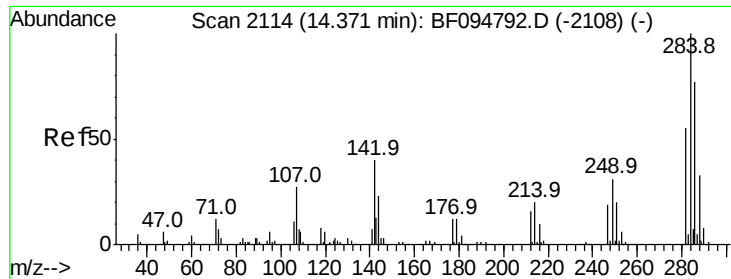
250 96.7 76.8 115.2

141 78.9 68.6 103.0



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

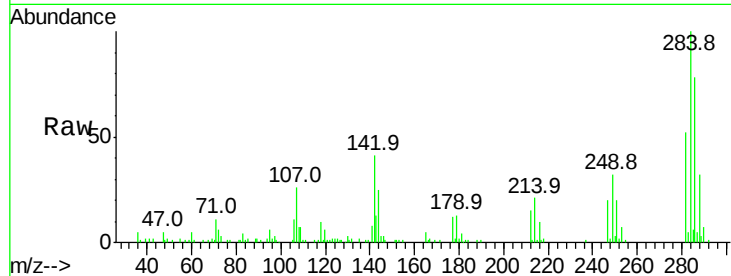




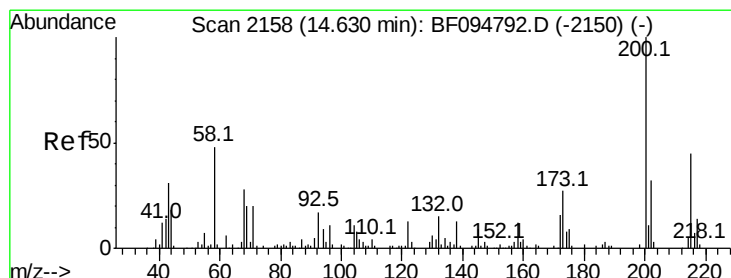
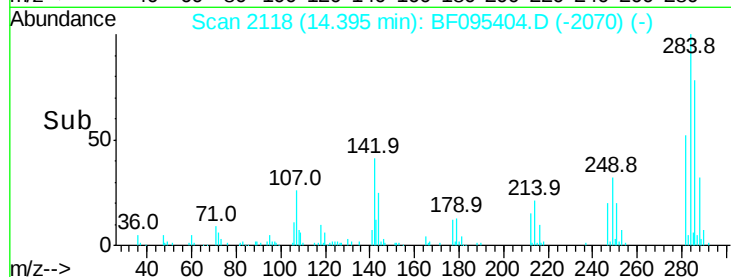
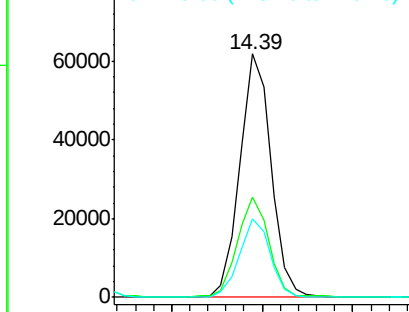
#67
Hexachlorobenzene
Concen: 34.42 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.1	22.8	34.2#
249	32.4	24.0	36.0

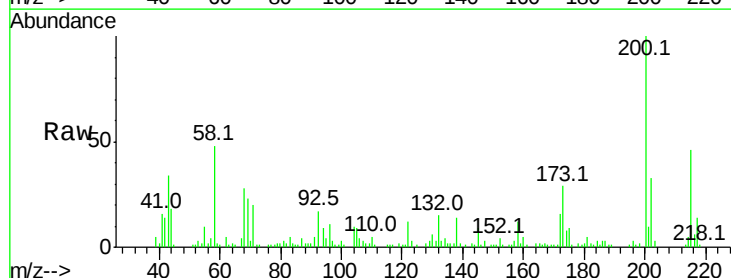


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

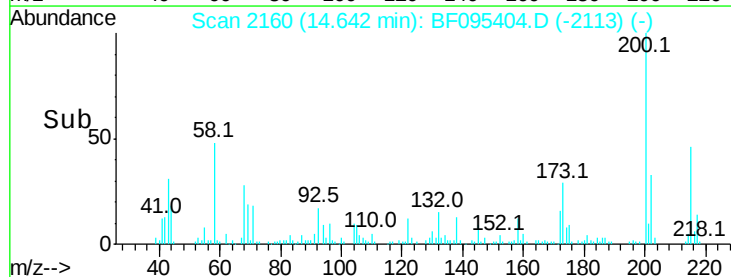
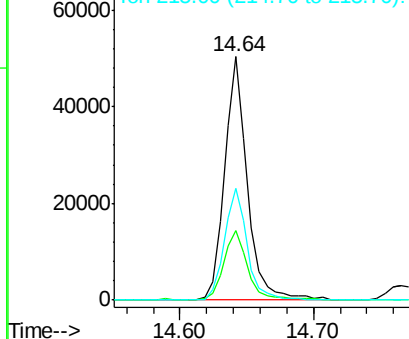


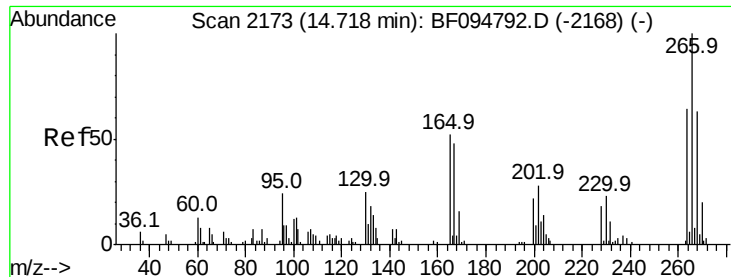
#68
Atrazine
Concen: 29.52 ng
RT: 14.64 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.7	6.3	46.3
215	46.1	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

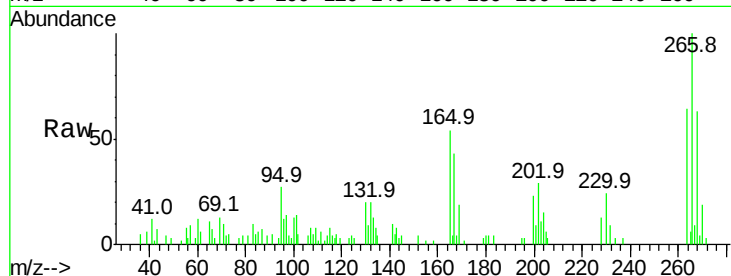




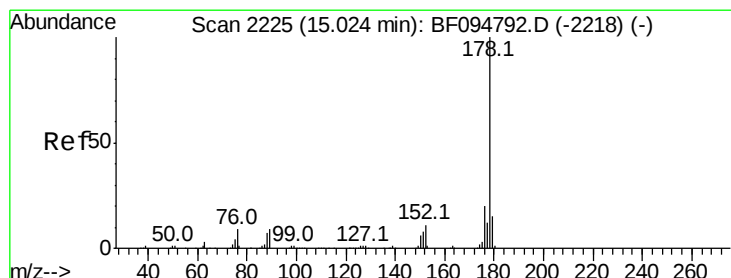
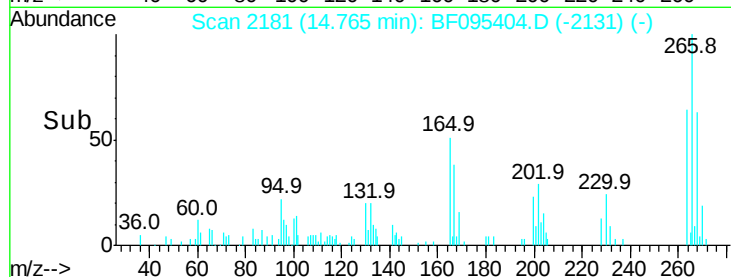
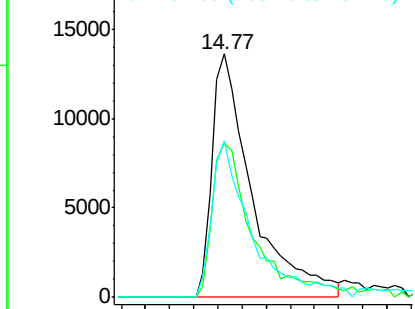
#69
 Pentachlorophenol
 Concen: 35.74 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 31301
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 64.1 51.7 77.5

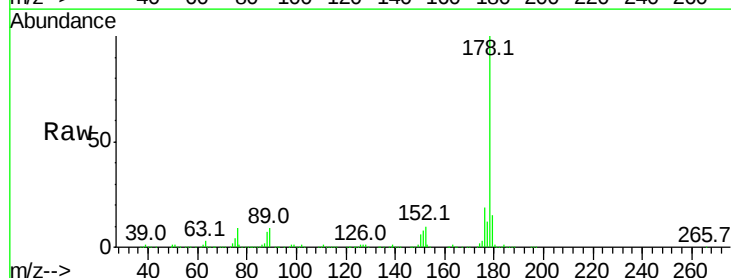


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

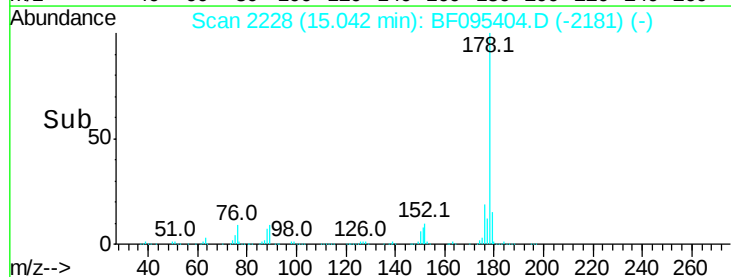
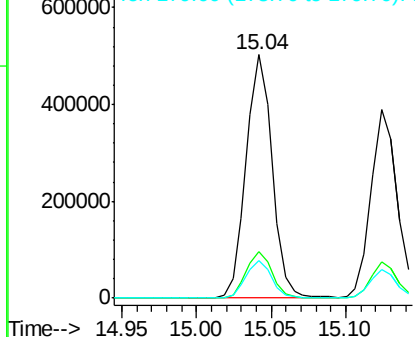


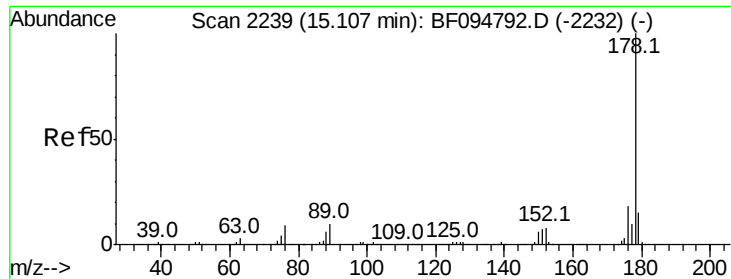
#70
 Phenanthrene
 Concen: 53.31 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion:178 Resp: 607489
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.5 12.6 19.0



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

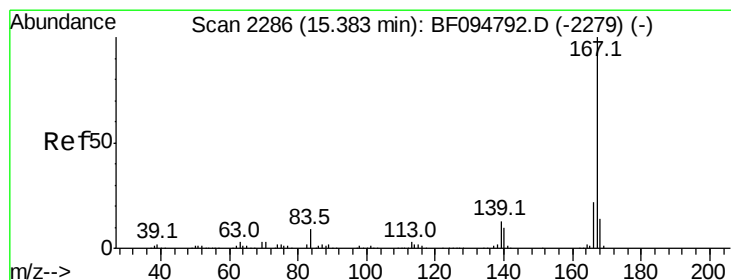
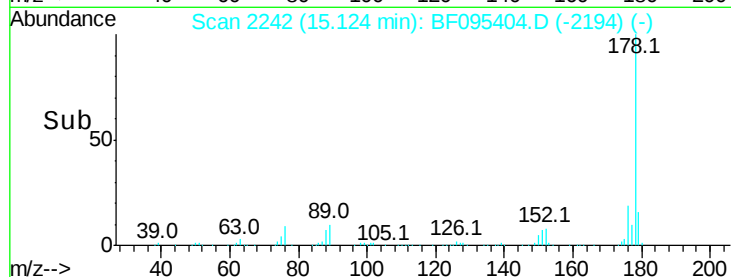
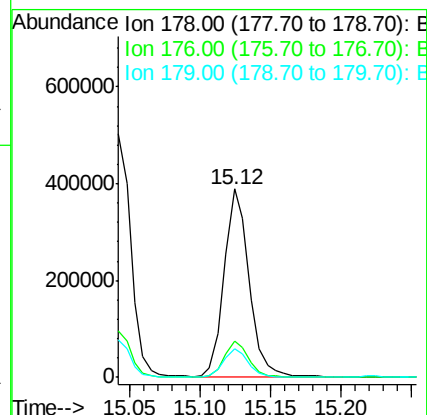
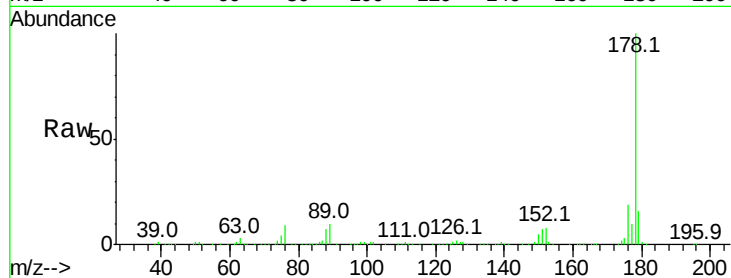




#71
 Anthracene
 Concen: 40.97 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

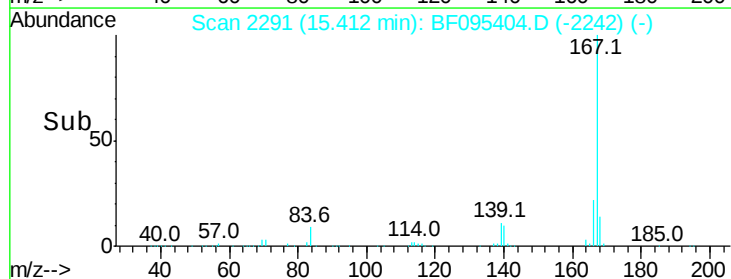
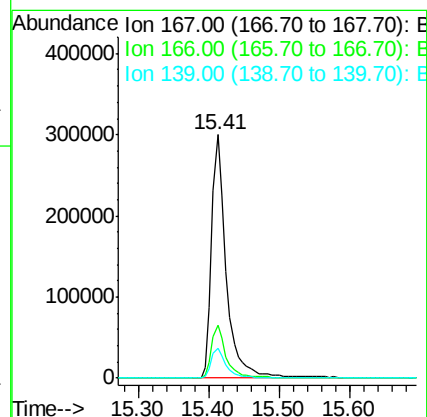
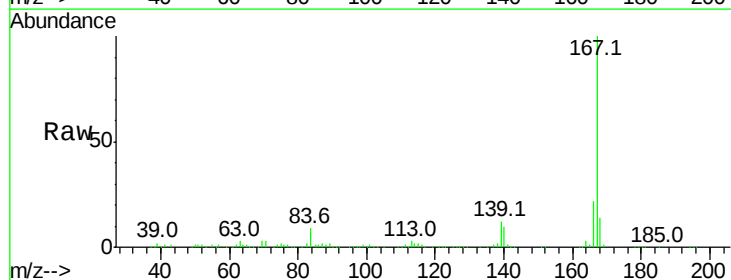
Instrument :
 BNA_F
 ClientSampleId :

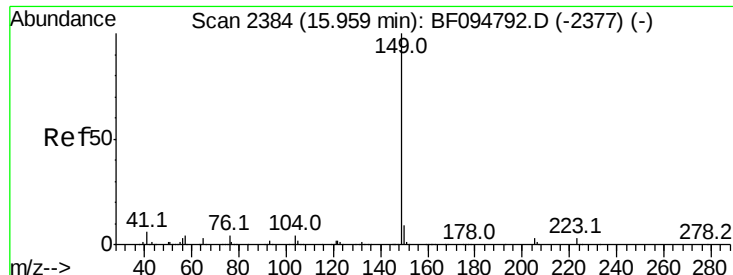
Tot Ion:178 Resp: 476822
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 41.17 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion:167 Resp: 435961
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 37.82 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

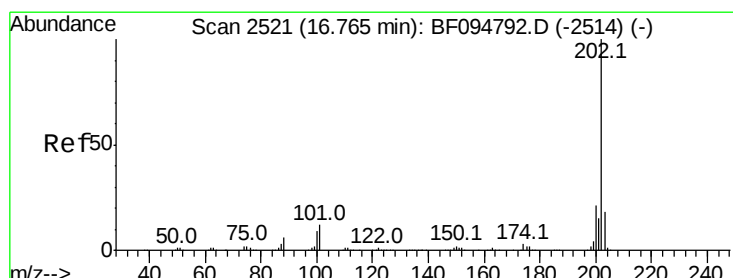
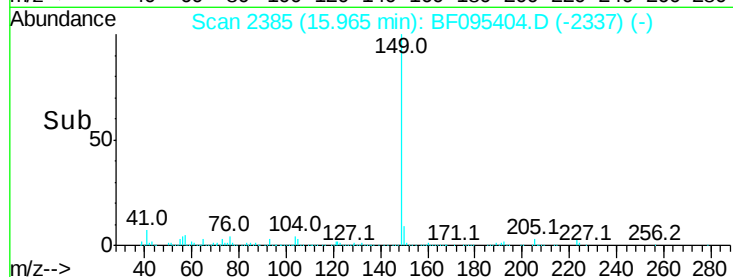
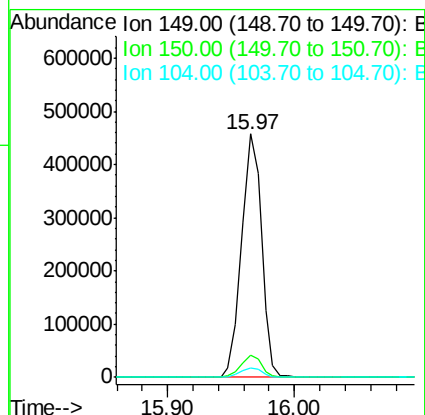
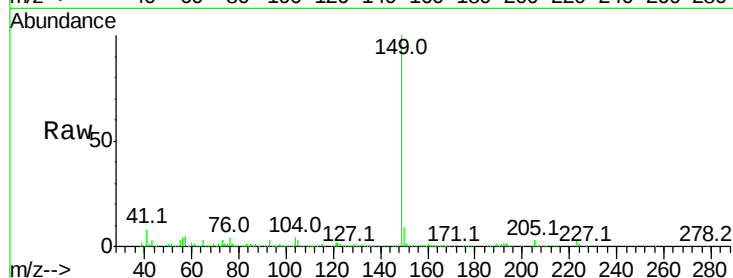
Tot Ion:149 Resp: 499492

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

104 3.9 4.0 6.0#



#74

Fluoranthene

Concen: 67.47 ng

RT: 16.79 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

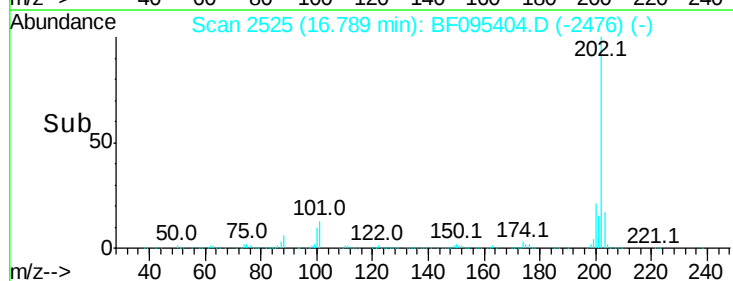
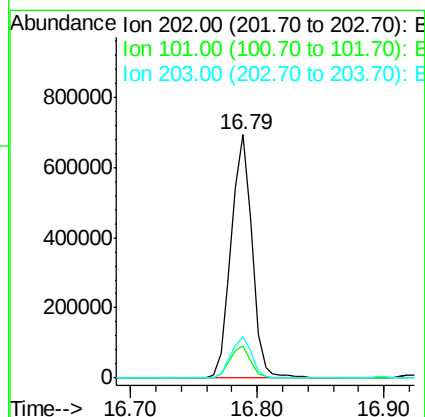
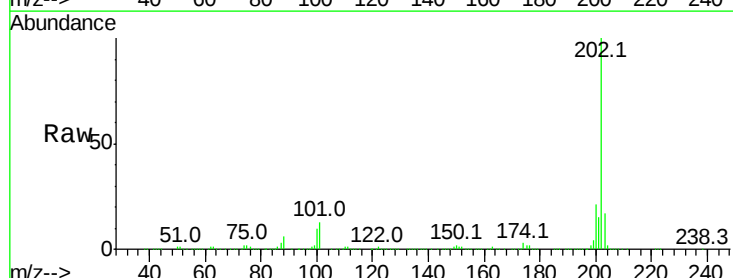
Tgt Ion:202 Resp: 788625

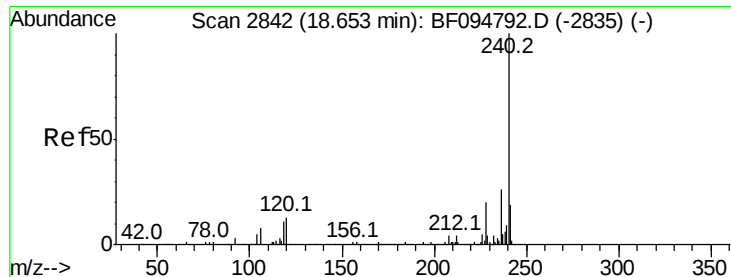
Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

203 17.2 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: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

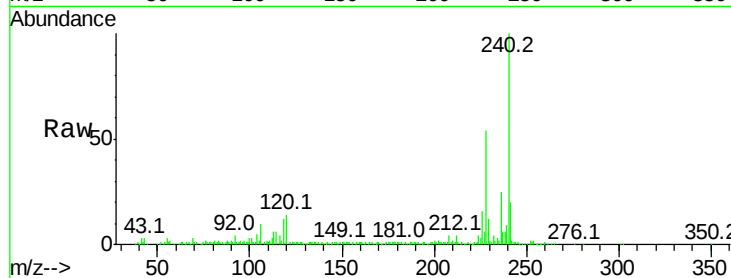
Tot Ion:240 Resp: 163188

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

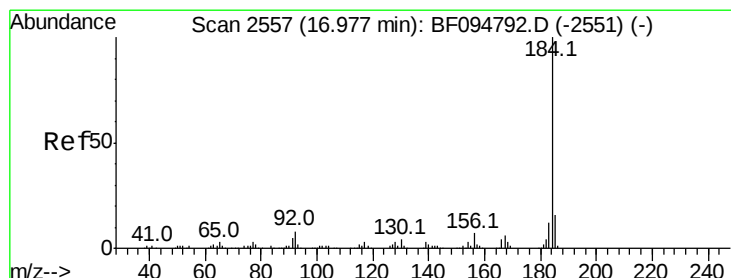
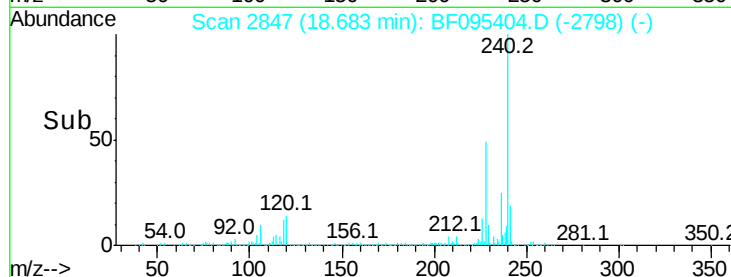
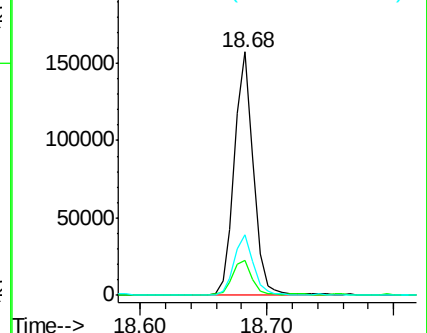
236 24.9 20.5 30.7



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: 18.92 ng

RT: 17.02 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

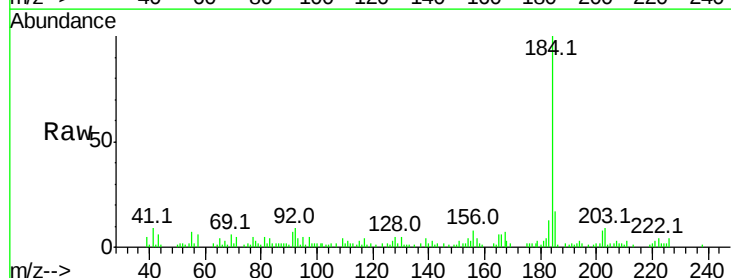
Tgt Ion:184 Resp: 63104

Ion Ratio Lower Upper

184 100

185 16.8 15.5 23.3

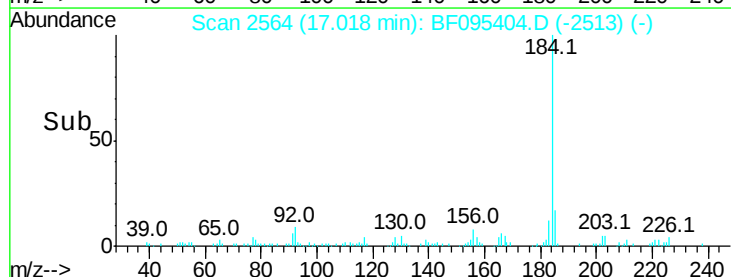
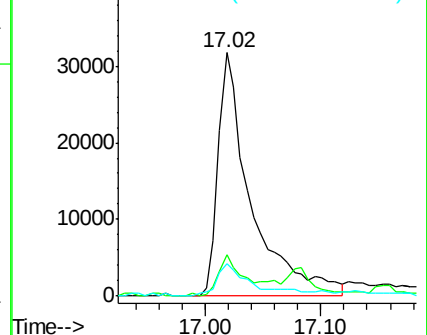
183 13.2 9.8 14.6

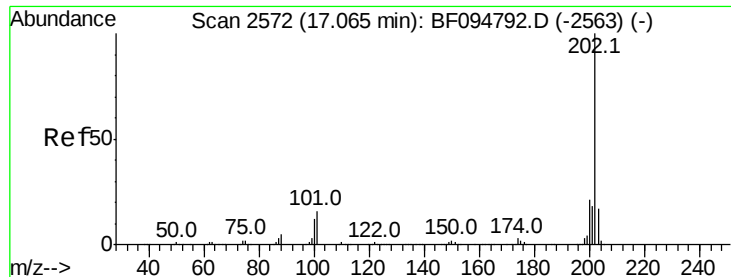


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

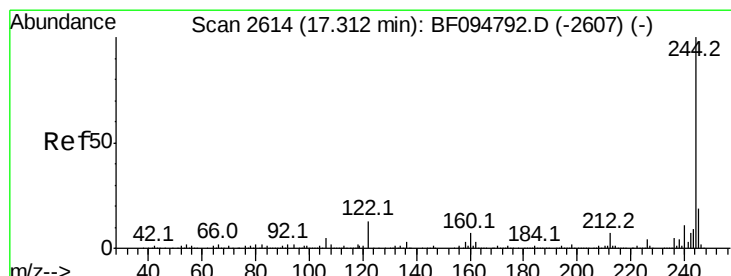
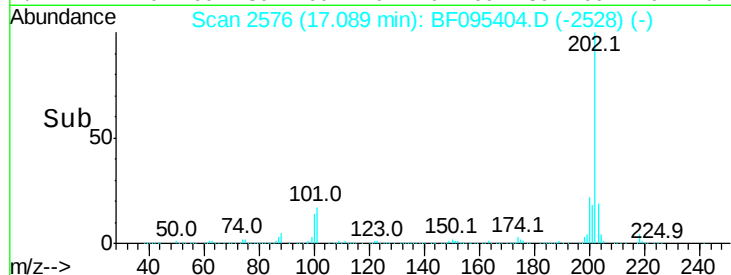
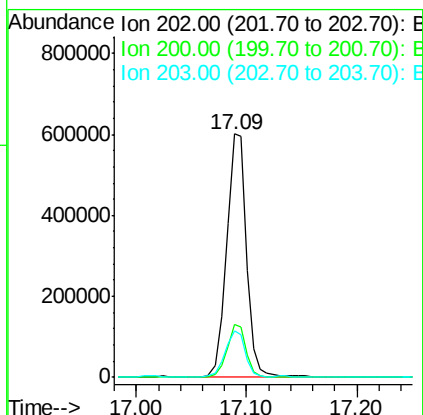
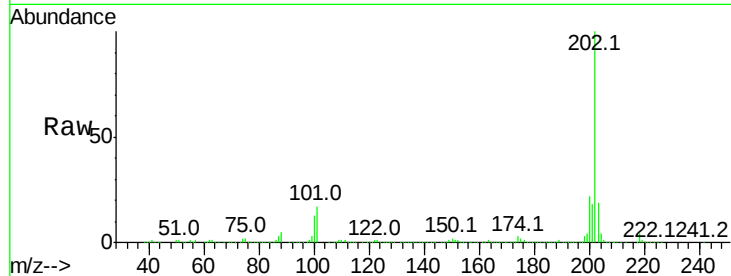




#77
Pvrene
Concen: 62.07 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

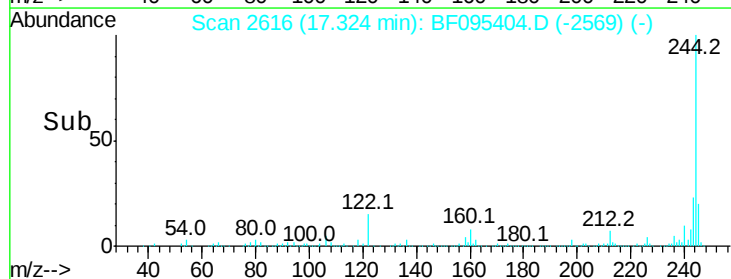
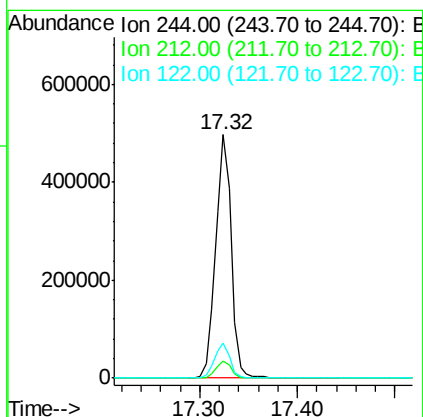
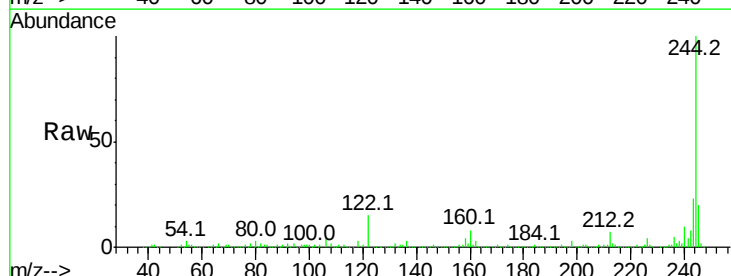
Instrument :
BNA_F
ClientSampleId :

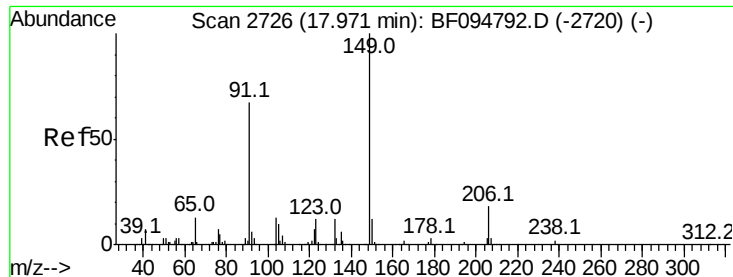
Tot Ion:202 Resp: 757559
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 19.4 14.4 21.6



#78
Terphenyl-d14
Concen: 74.44 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion:244 Resp: 551516
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.6 10.3 15.5

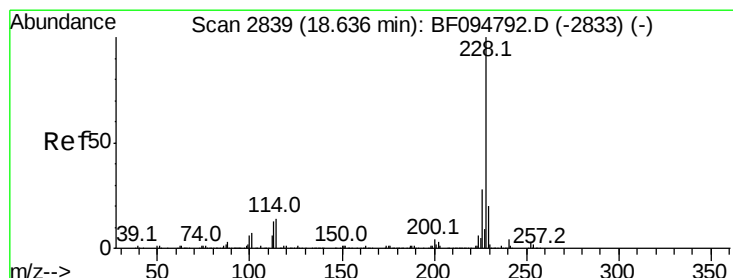
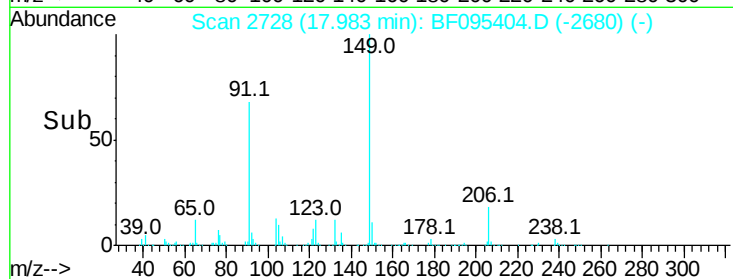
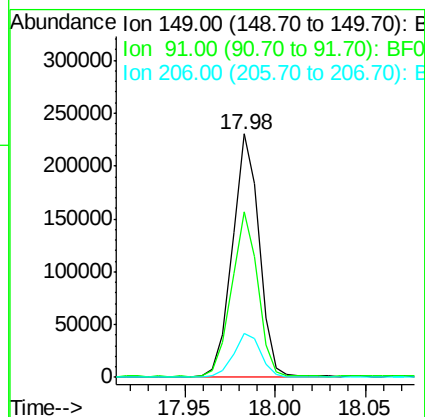
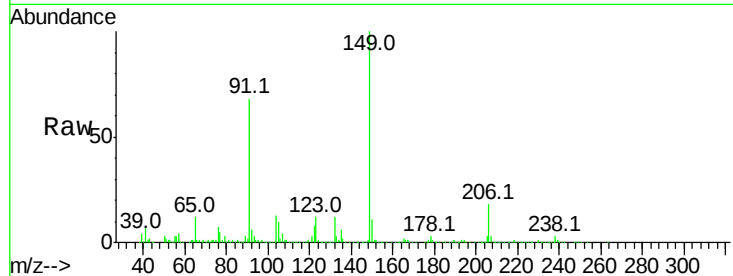




#79
Butylbenzylphthalate
Concen: 41.41 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

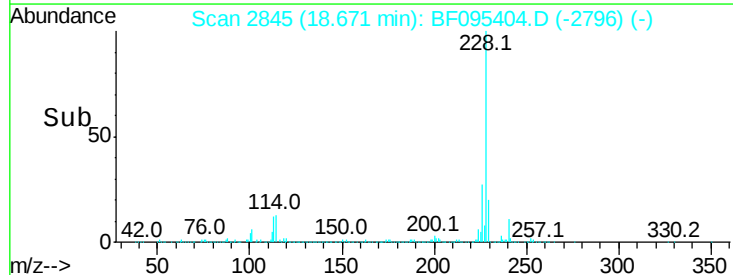
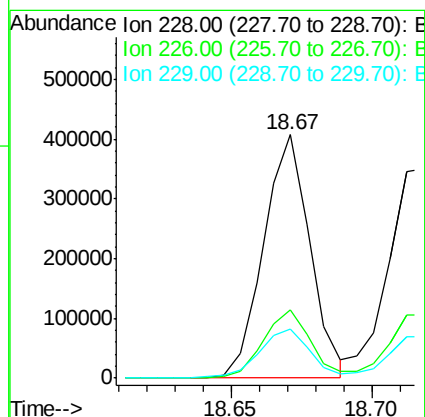
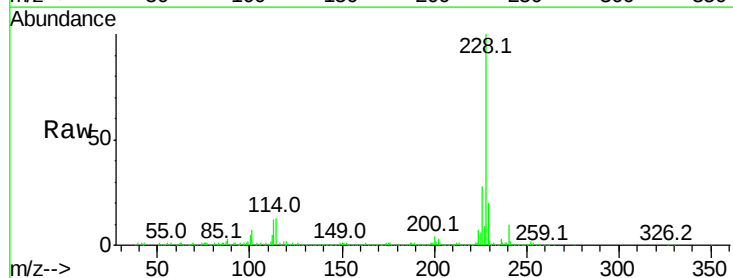
Instrument :
BNA_F
ClientSampleId :

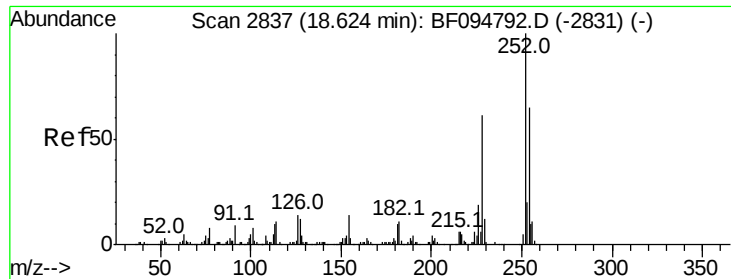
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	45.0	67.4#
206	18.0	17.0	25.6



#80
Benzo(a)anthracene
Concen: 48.70 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.2	16.3	24.5

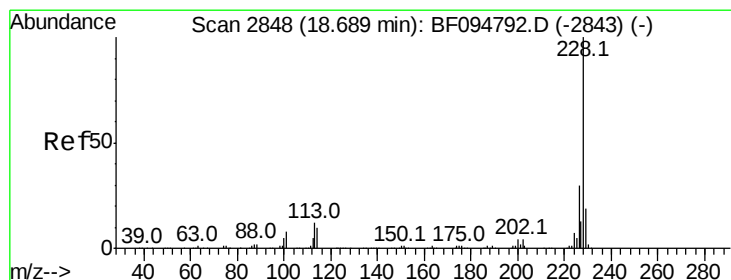
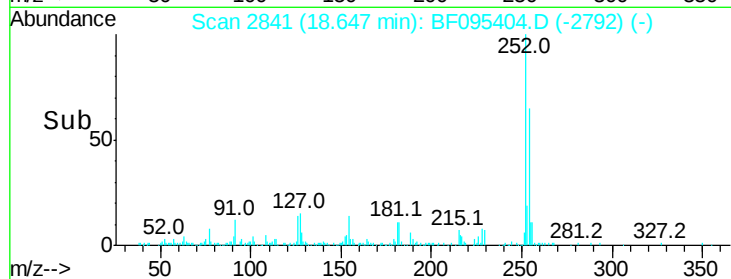
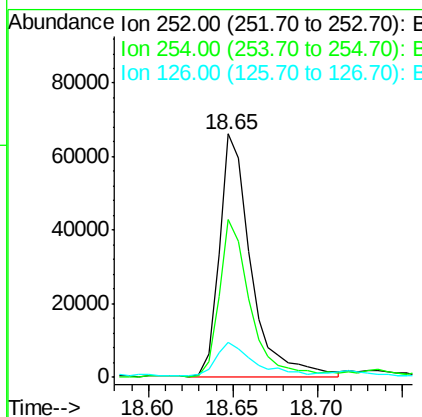
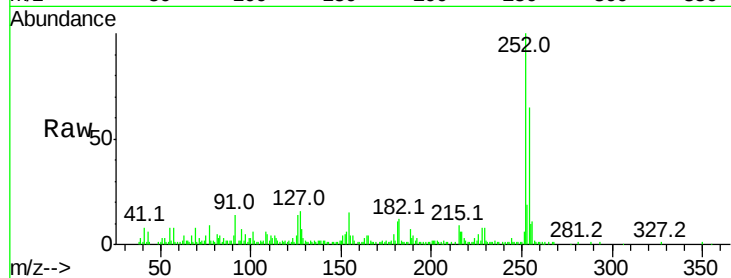




#81
 3,3'-Dichlorobenzidine
 Concen: 26.48 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

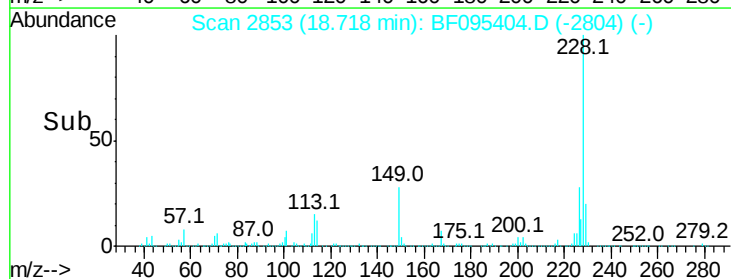
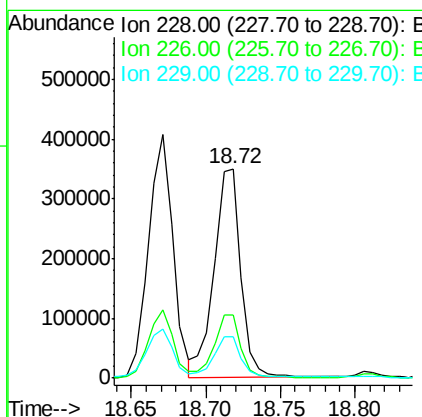
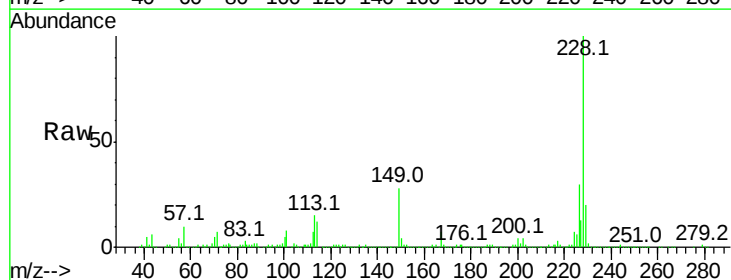
Instrument :
 BNA_F
 ClientSampleId :

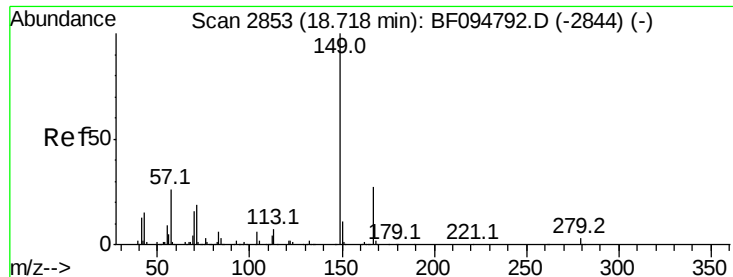
Tot Ion:252 Resp: 86848
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 14.3 15.8 23.8#



#82
 Chrysene
 Concen: 47.66 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion:228 Resp: 437691
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 19.7 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.58 ng

RT: 18.73 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

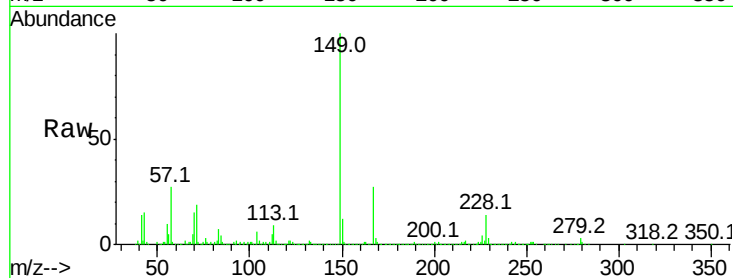
Tot Ion:149 Resp: 320098

Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

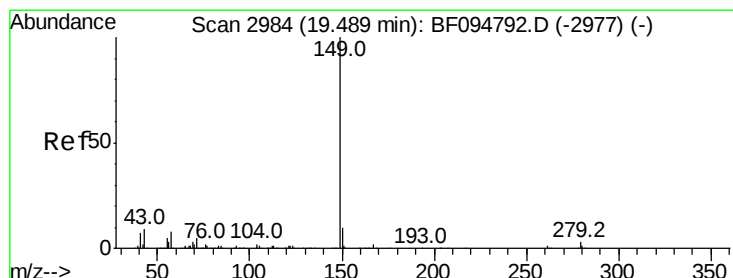
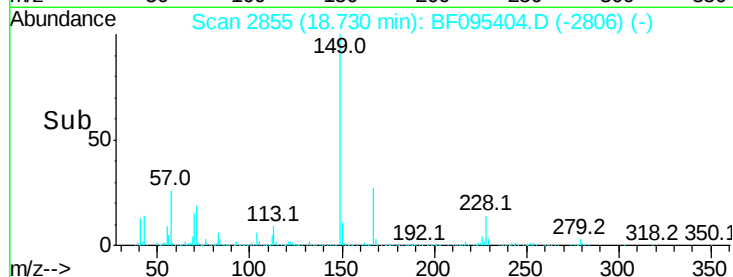
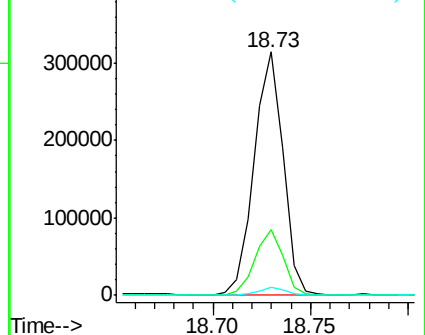
279 3.4 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.13 ng

RT: 19.50 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

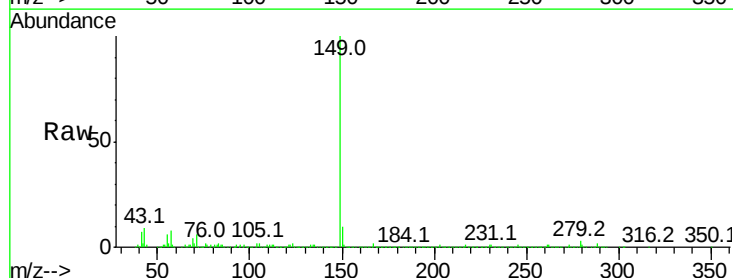
Tgt Ion:149 Resp: 479177

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

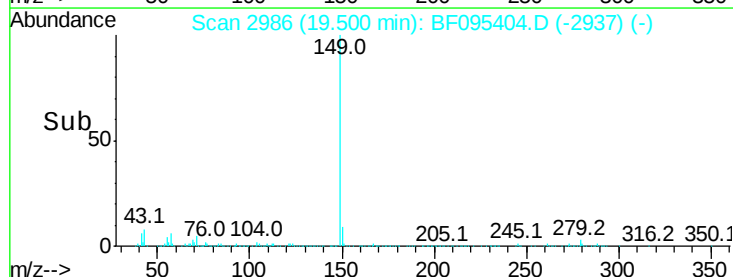
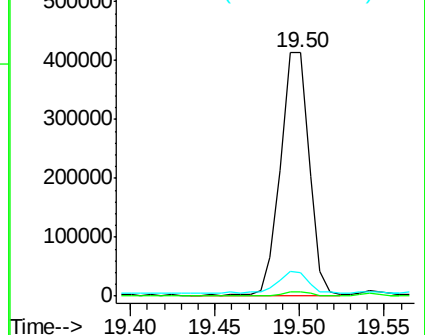
43 9.5 8.5 12.7

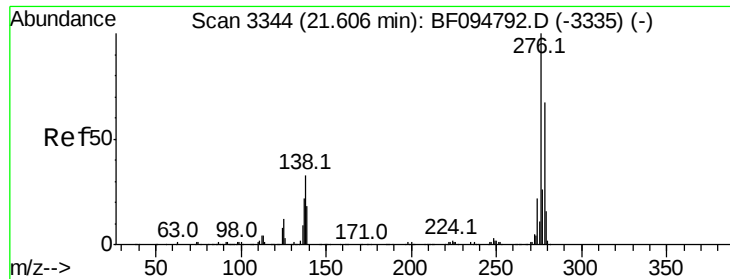


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

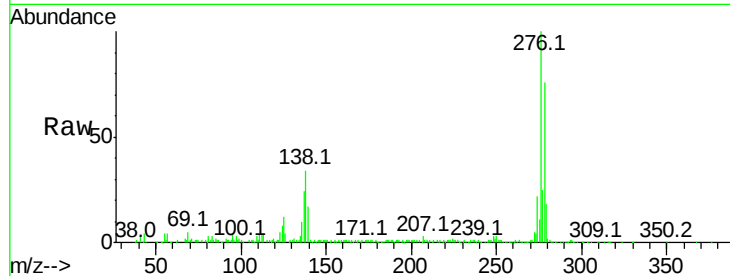




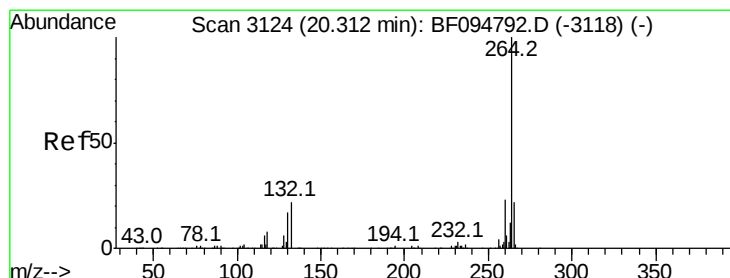
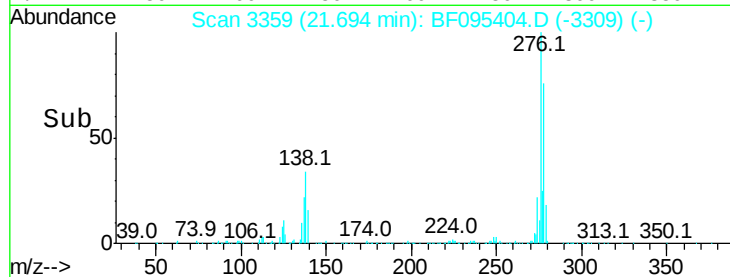
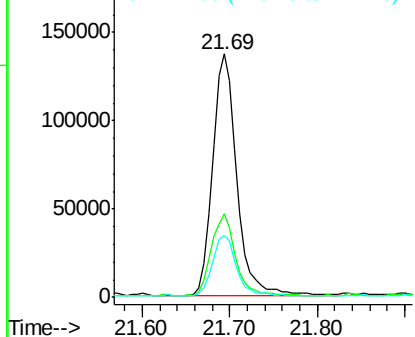
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.34 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 263545
 Ion Ratio Lower Upper
 276 100
 138 34.3 27.8 41.6
 277 24.1 20.2 30.4

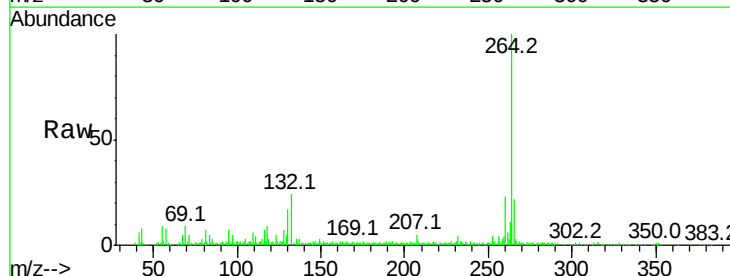


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

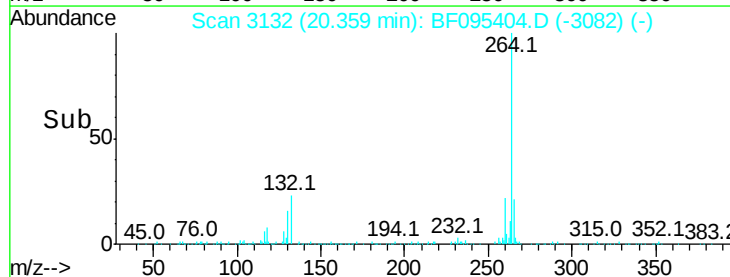
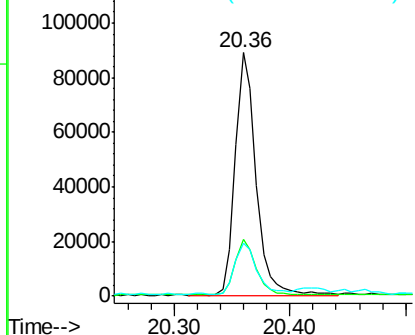


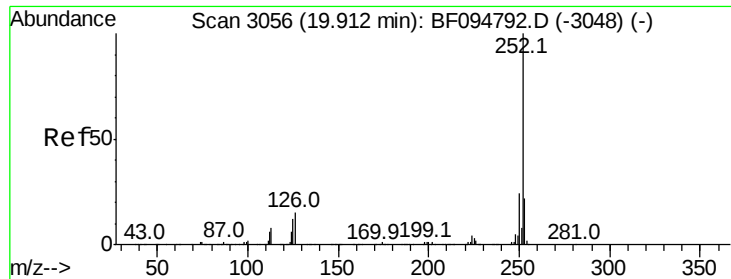
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion:264 Resp: 113758
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.9 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 53.08 ng

RT: 19.95 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

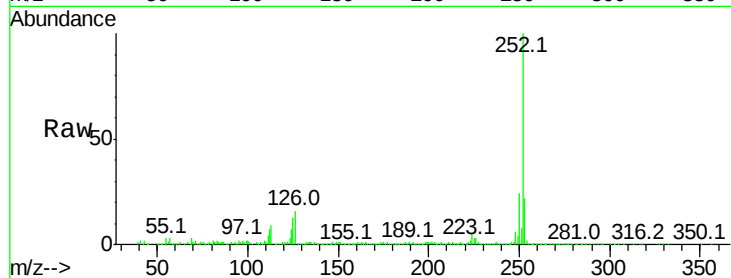
Tot Ion:252 Resp: 373117

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

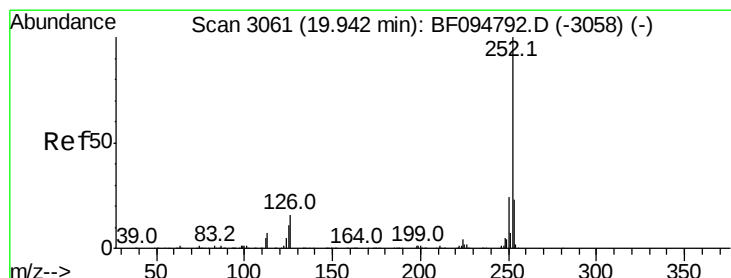
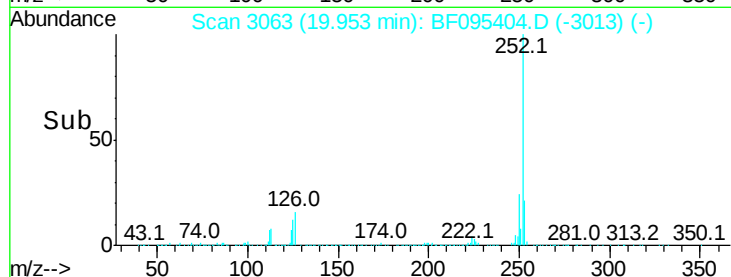
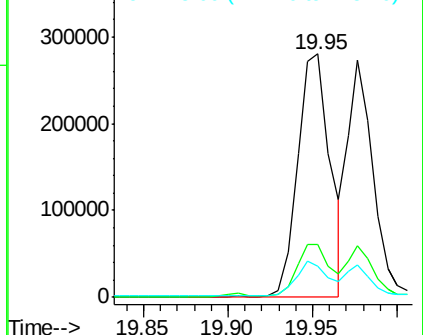
125 13.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.93 ng

RT: 19.98 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

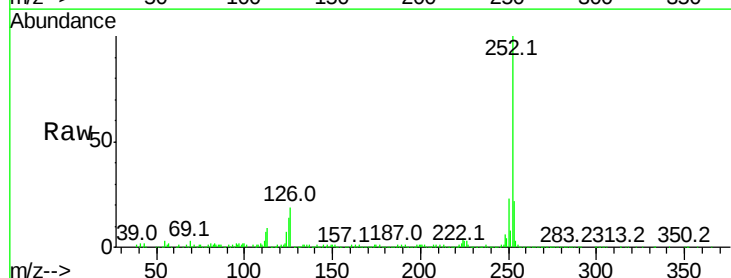
Tgt Ion:252 Resp: 291060

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

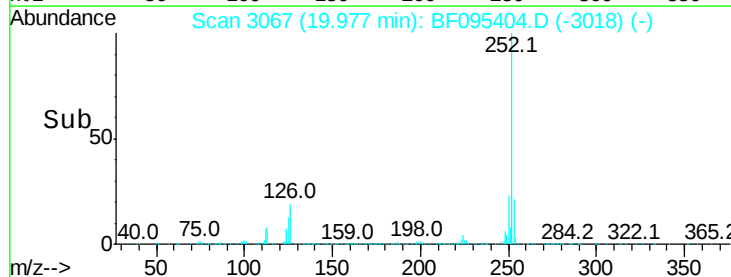
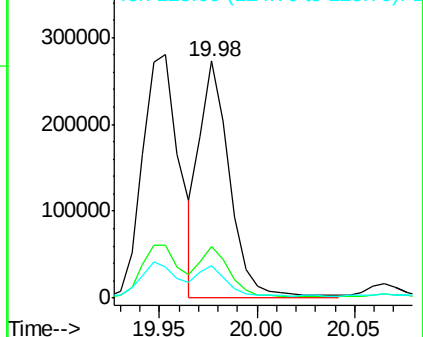
125 14.0 13.1 19.7

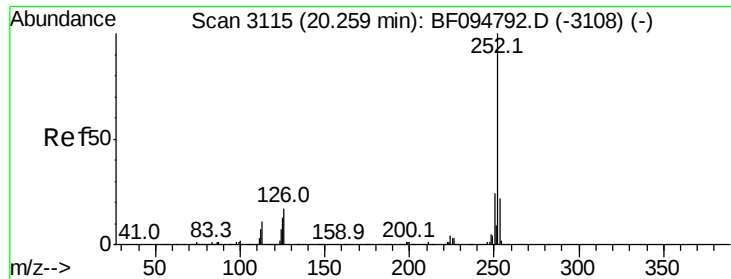


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

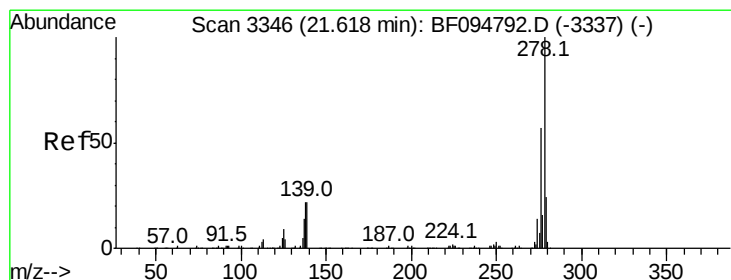
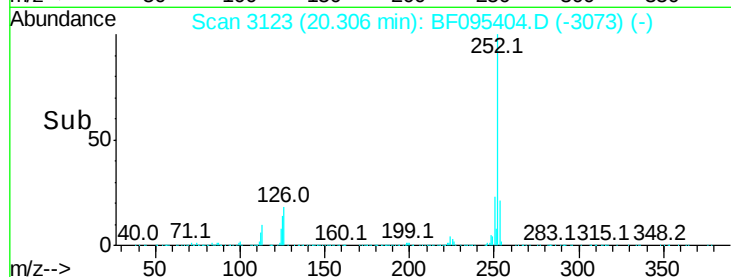
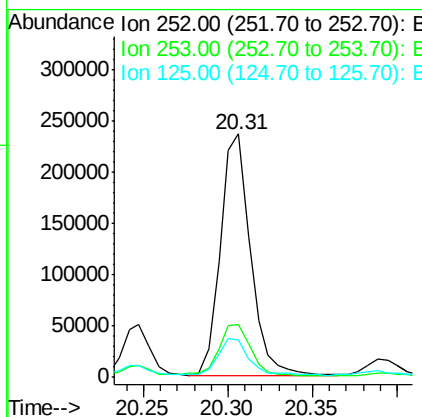
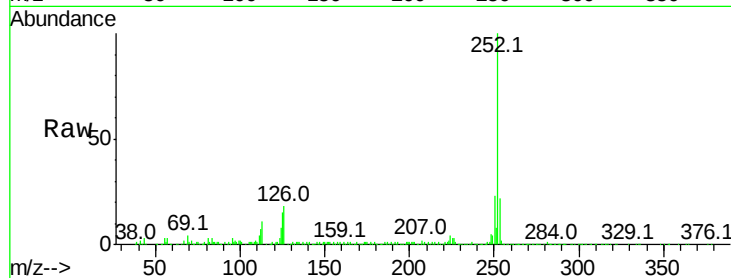




#89
Benzo(a)pyrene
Concen: 45.42 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

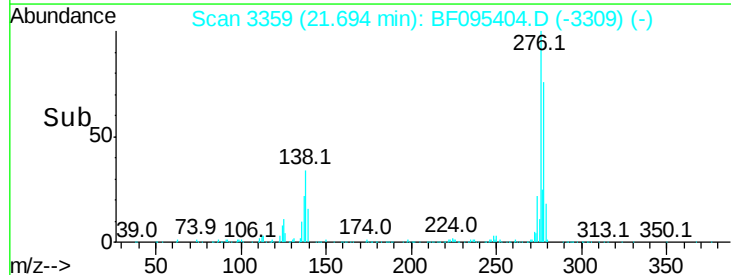
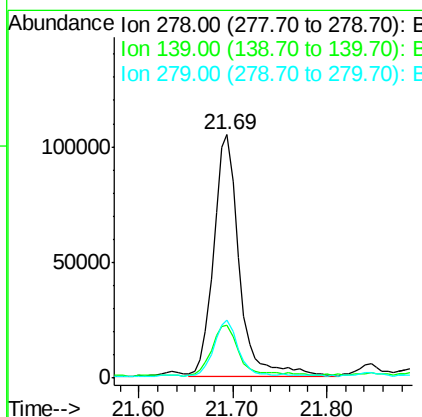
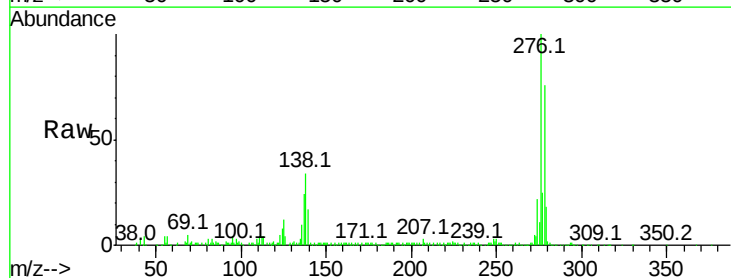
Instrument :
BNA_F
ClientSampleId :

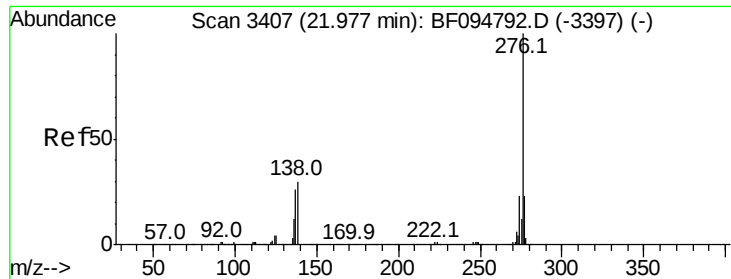
Tot Ion:252 Resp: 294620
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 15.2 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 36.89 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion:278 Resp: 197619
Ion Ratio Lower Upper
278 100
139 21.9 16.6 24.8
279 23.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 43.86 ng

RT: 22.08 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

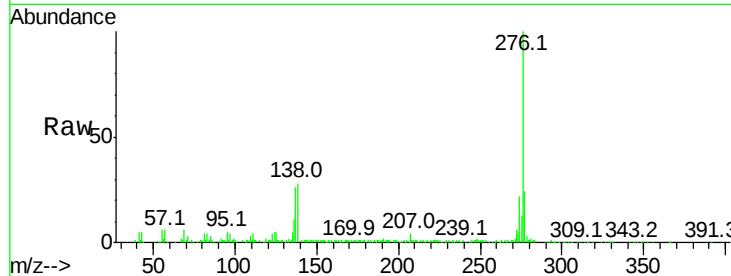
Tot Ion:276 Resp: 230549

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 28.1 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

