

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095401.D
 Acq On : 24 May 2017 21:39
 Operator : SJ/MA
 Sample : I3221-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:08:29 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	86673	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	335324	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	132267	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	194630	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	173308	20.00	ng	-0.01
86) Perylene-d12	20.36	264	120762	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.73	112	905578	174.19	ng	0.00
7) Phenol-d6	7.31	99	1036729	166.21	ng	0.00
23) Nitrobenzene-d5	8.66	82	604645	113.71	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	159156	146.93	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	990532	107.79	ng	-0.02
78) Terphenyl-d14	17.33	244	727789	92.49	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.24	88	111150	43.59	ng	92
3) Pyridine	2.95	79	258827	43.80	ng	95
4) n-Nitrosodimethylamine	2.87	42	103336	41.95	ng	# 78
6) Aniline	7.27	93	294088	37.35	ng	94
8) 2-Chlorophenol	7.45	128	322830	54.56	ng	95
9) Benzaldehyde	7.08	77	99145	26.03	ng	95
10) Phenol	7.32	94	342237	52.07	ng	90
11) bis(2-Chloroethyl)ether	7.40	93	287172	52.92	ng	94
12) 1,3-Dichlorobenzene	7.65	146	346227	51.58	ng	98
13) 1,4-Dichlorobenzene	7.78	146	353395	51.92	ng	97
14) 1,2-Dichlorobenzene	8.01	146	329986	51.94	ng	96
15) Benzyl Alcohol	8.04	79	247491	61.69	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	389376	50.70	ng	97
17) 2-Methylphenol	8.27	107	257735	53.22	ng	94
18) Hexachloroethane	8.52	117	92813	40.25	ng	# 86
19) n-Nitroso-di-n-propylamine	8.47	70	223260	52.92	ng	93
20) 3+4-Methylphenols	8.52	107	330041	50.16	ng	# 56
22) Acetophenone	8.42	105	444309	55.23	ng	# 84
24) Nitrobenzene	8.69	77	302154	54.21	ng	92
25) Isophorone	9.09	82	533167	56.15	ng	# 94
26) 2-Nitrophenol	9.20	139	97874	32.54	ng	97
27) 2,4-Dimethylphenol	9.33	122	254293	52.29	ng	97
28) bis(2-Chloroethoxy)methane	9.45	93	357135	54.37	ng	99
29) 2,4-Dichlorophenol	9.62	162	243887	53.12	ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	251565	51.14	ng	99
31) Naphthalene	9.80	128	863741	51.25	ng	100
32) Benzoic acid	9.64	122	5955	6.75	ng	93
33) 4-Chloroaniline	9.97	127	102836	16.37	ng	93
34) Hexachlorobutadiene	10.01	225	127586	49.16	ng	97
35) Caprolactam	10.57	113	68377	49.59	ng	90
36) 4-Chloro-3-methylphenol	10.81	107	232890	47.44	ng	92
37) 2-Methylnaphthalene	10.92	142	559439	50.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	217650	53.51	ng	99
40) Hexachlorocyclopentadiene	11.18	237	5711	9.14	ng	90

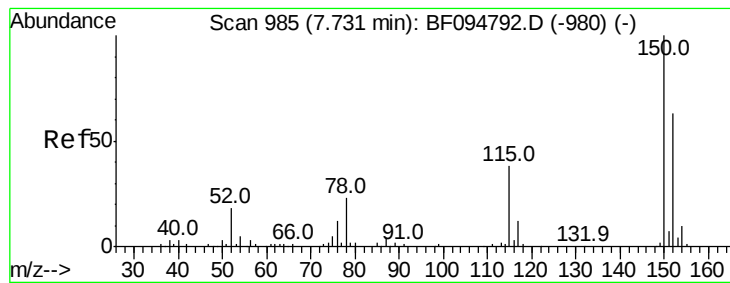
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	140131	51.60	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	124669	42.71	nq	94
45) 1,1'-Biphenyl	11.69	154	616194	55.33	nq	98
46) 2-Chloronaphthalene	11.71	162	470348	52.31	nq	97
47) 2-Nitroaniline	11.94	65	138270	56.18	nq	# 80
48) Acenaphthylene	12.37	152	732205	51.99	nq	98
49) Dimethylphthalate	12.24	163	697799	64.26	nq	100
50) 2,6-Dinitrotoluene	12.34	165	98692	44.55	nq	94
51) Acenaphthene	12.65	154	432761	51.44	nq	98
52) 3-Nitroaniline	12.62	138	128829	54.18	nq	90
53) 2,4-Dinitrophenol	12.91	184	358	6.52	nq	# 1
54) Dibenzofuran	12.94	168	643410	55.27	nq	98
55) 4-Nitrophenol	13.05	139	99155	69.43	nq	# 79
56) 2,4-Dinitrotoluene	13.02	165	113210	39.77	nq	93
57) Fluorene	13.49	166	483773	47.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	98053	53.38	nq	96
59) Diethylphthalate	13.39	149	531648	51.08	nq	99
60) 4-Chlorophenyl-phenylether	13.52	204	212679	47.81	nq	88
61) 4-Nitroaniline	13.62	138	114663	52.53	nq	96
62) Azobenzene	13.78	77	423920	50.69	nq	93
64) 4,6-Dinitro-2-methylphenol	13.71	198	2902	2.22	nq	# 1
65) n-Nitrosodiphenylamine	13.72	169	407893	57.74	nq	98
66) 4-Bromophenyl-phenylether	14.31	248	115248	56.05	nq	95
67) Hexachlorobenzene	14.39	284	108426	51.45	nq	# 89
68) Atrazine	14.65	200	98115	49.19	nq	98
69) Pentachlorophenol	14.75	266	85600	89.12	nq	99
70) Phenanthrene	15.04	178	621105	55.54	nq	98
71) Anthracene	15.12	178	624621	54.68	nq	98
72) Carbazole	15.41	167	599479	57.68	nq	97
73) Di-n-butylphthalate	15.97	149	722472	55.74	nq	99
74) Fluoranthene	16.79	202	670578	58.46	nq	99
76) Benzidine	17.02	184	185955	40.82	nq	# 91
77) Pyrene	17.09	202	689589	53.20	nq	99
79) Butylbenzylphthalate	17.99	149	320328	53.13	nq	92
80) Benzo(a)anthracene	18.67	228	540634	53.60	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	167637	48.12	nq	# 96
82) Chrysene	18.72	228	491071	50.35	nq	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	443279	51.60	nq	# 97
84) Di-n-octyl phthalate	19.50	149	777513	55.21	nq	99
85) Indeno(1,2,3-cd)pyrene	21.69	276	359484	45.39	nq	99
87) Benzo(b)fluoranthene	19.95	252	428961	57.49	nq	97
88) Benzo(k)fluoranthene	19.98	252	385240	53.52	nq	97
89) Benzo(a)pyrene	20.31	252	356470	51.77	nq	99
90) Dibenzo(a,h)anthracene	21.69	278	303714	53.41	nq	96
91) Benzo(g,h,i)perylene	22.08	276	306823	54.98	nq	98

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

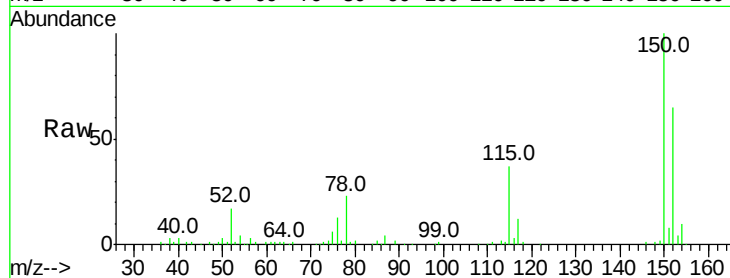


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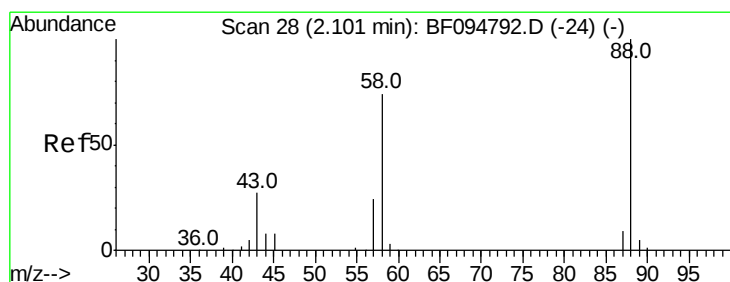
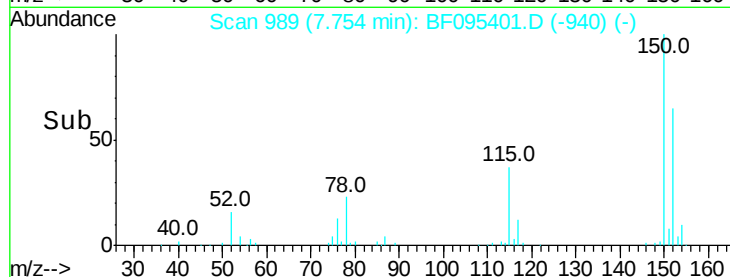
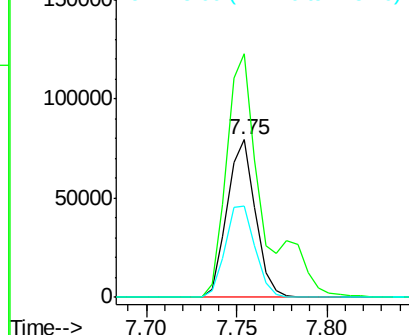
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86673
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 58.0 52.2 78.2



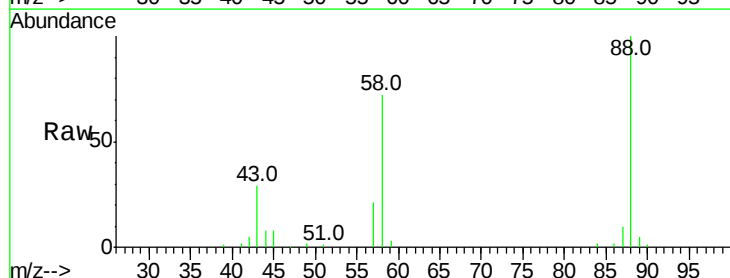
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



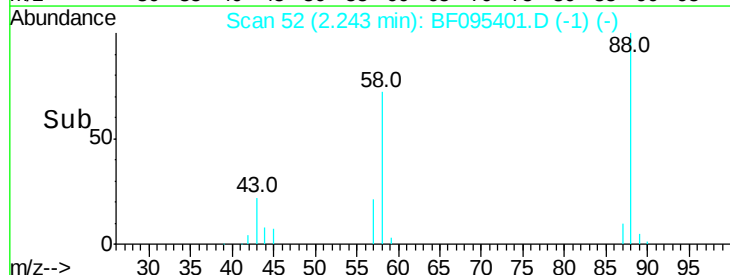
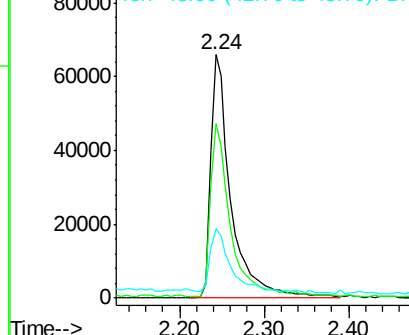
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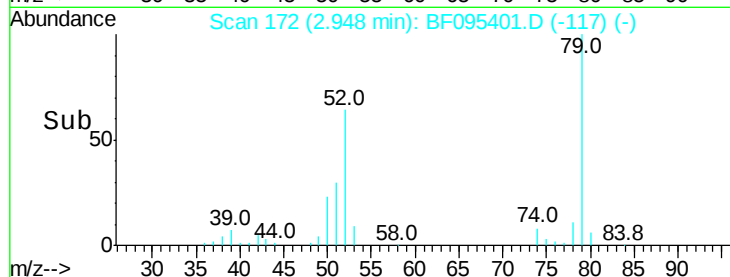
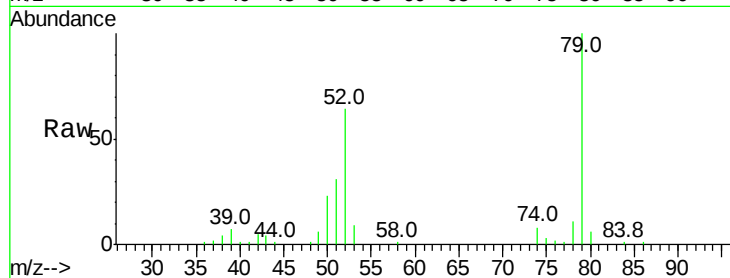
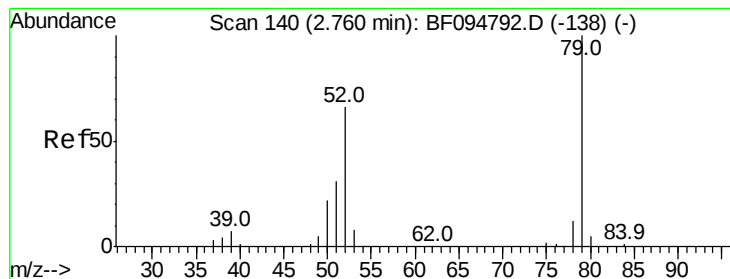
1,4-Dioxane
Concen: 43.59 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion: 88 Resp: 111150
Ion Ratio Lower Upper
88 100
58 69.6 61.4 92.0
43 24.5 23.4 35.0



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





#3

Pvridine

Concen: 43.80 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

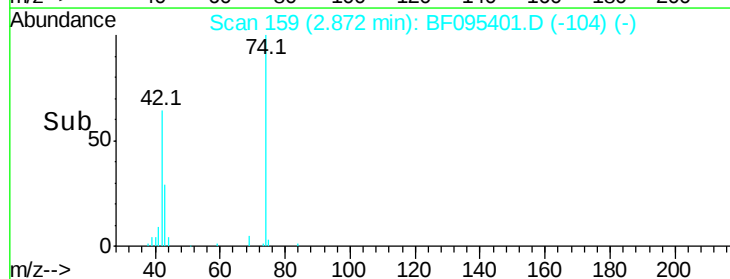
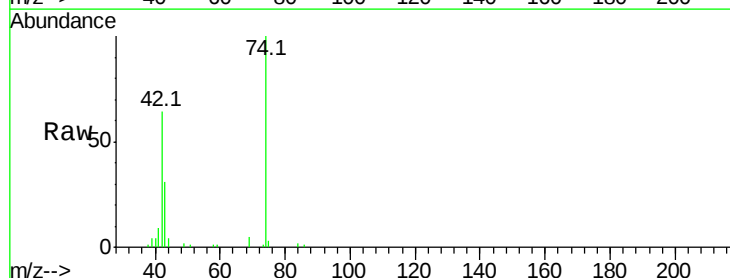
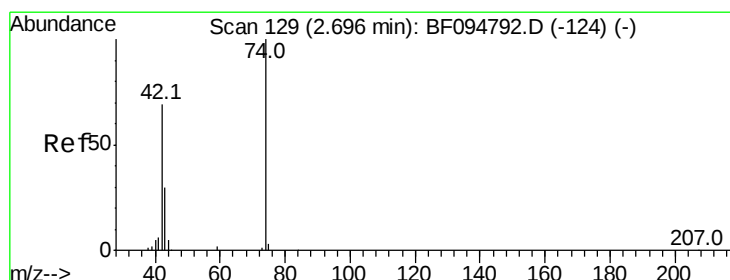
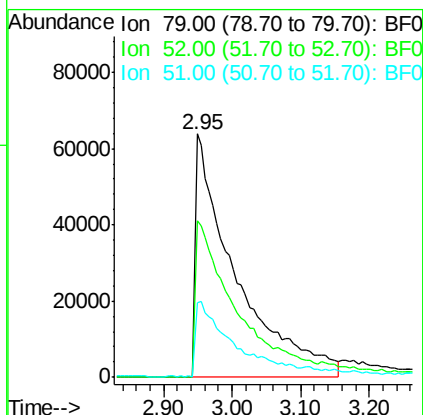
Tot Ion: 79 Resp: 258827

Ion Ratio Lower Upper

79 100

52 64.4 54.8 82.2

51 30.9 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 41.95 ng

RT: 2.87 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

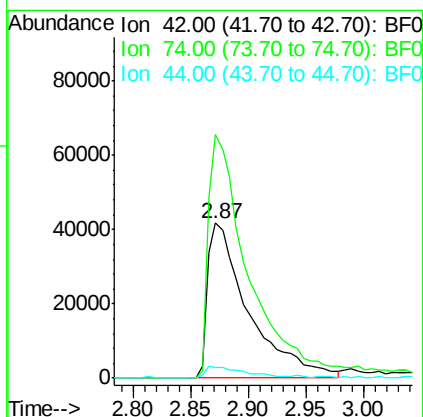
Tgt Ion: 42 Resp: 103336

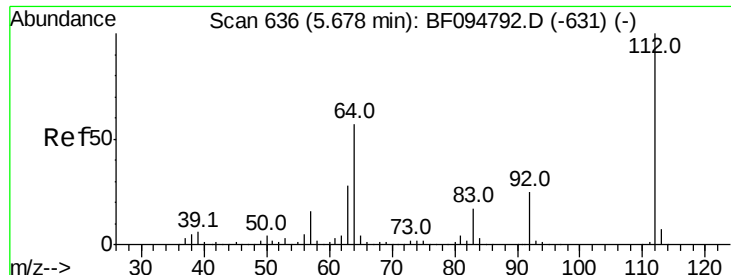
Ion Ratio Lower Upper

42 100

74 157.1 103.9 155.9#

44 6.7 5.7 8.5

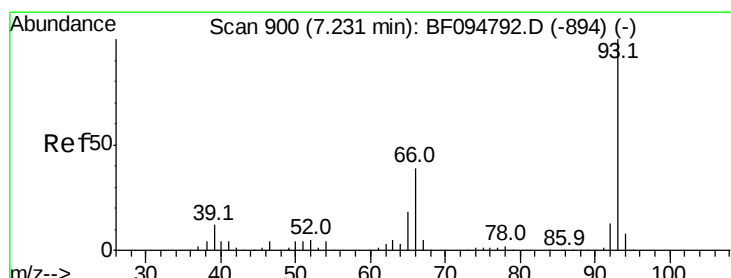
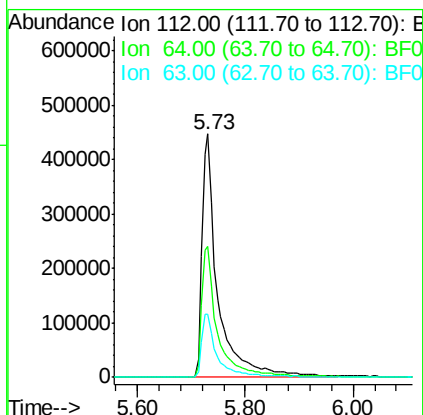
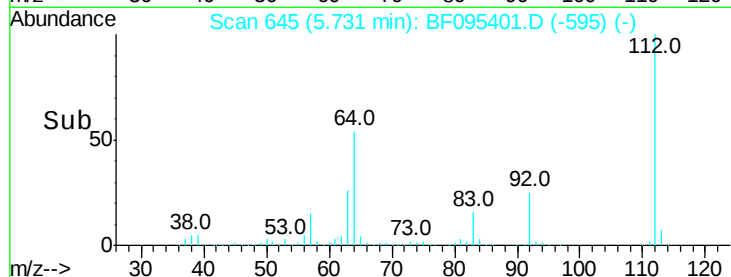
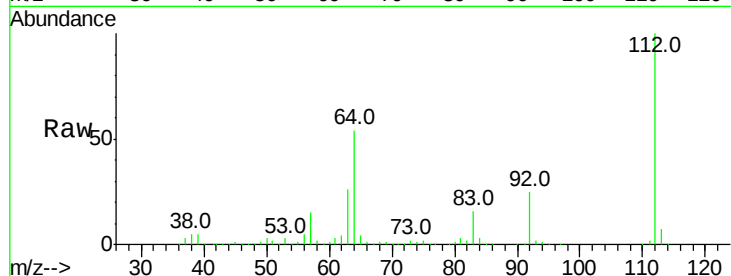




#5
 2-Fluorophenol
 Concen: 174.19 ng
 RT: 5.73 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

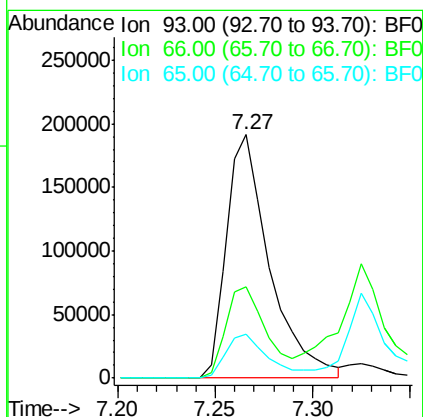
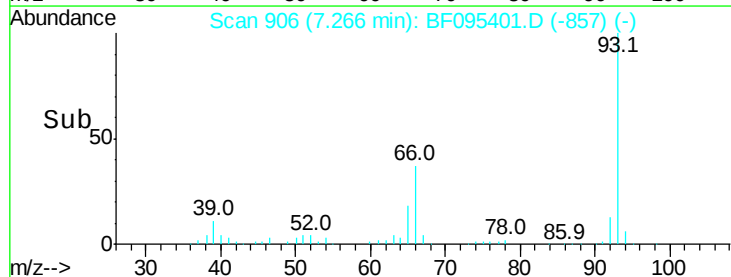
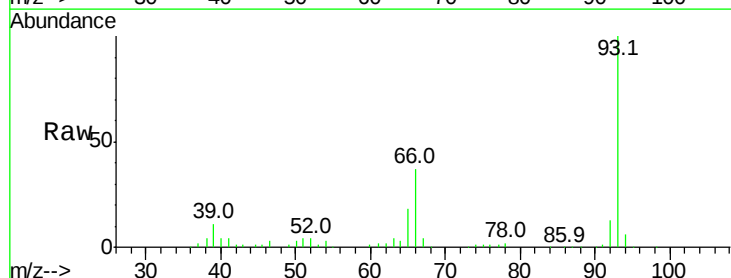
Instrument :
 BNA_F
 ClientSampleID :

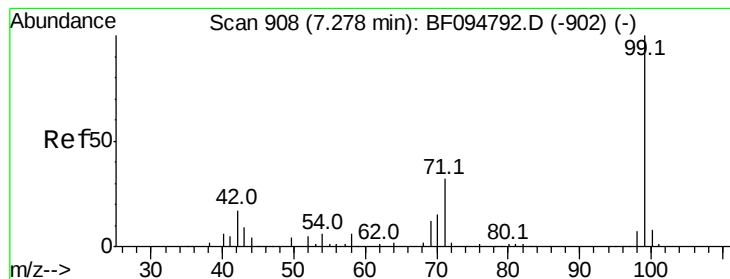
Tot Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	25.9	23.4	35.0



#6
 Aniline
 Concen: 37.35 ng
 RT: 7.27 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.3	32.9	49.3
65	17.9	16.0	24.0





#7

Phenol-d6

Concen: 166.21 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

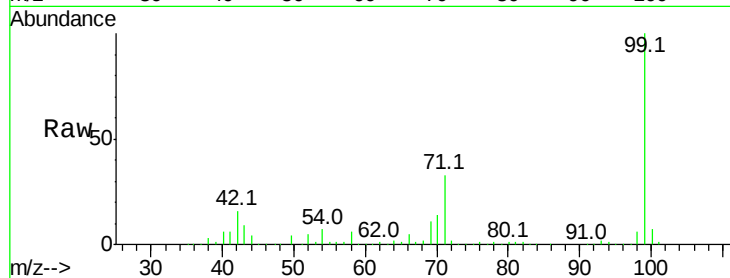
Tot Ion: 99 Resp: 1036729

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

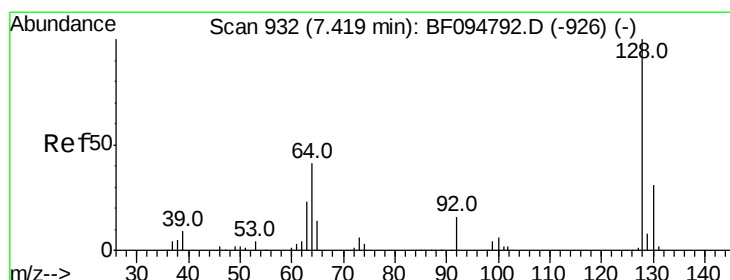
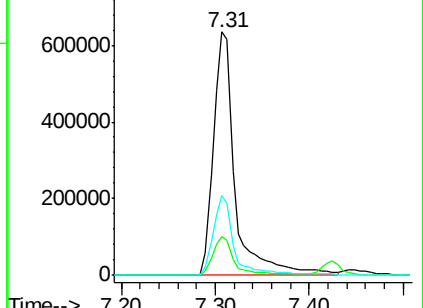
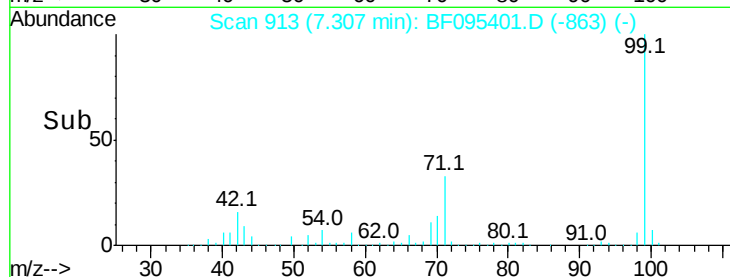
71 32.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 54.56 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

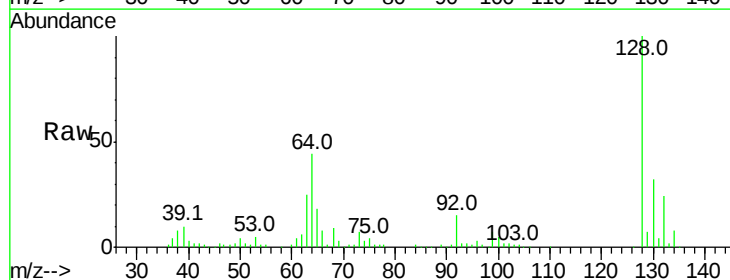
Tgt Ion: 128 Resp: 322830

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

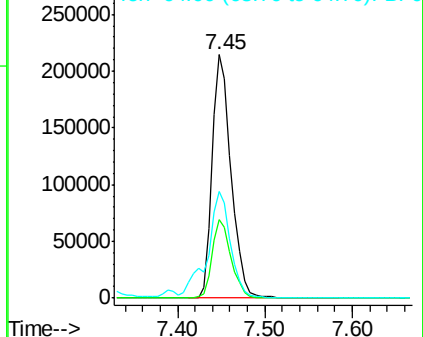
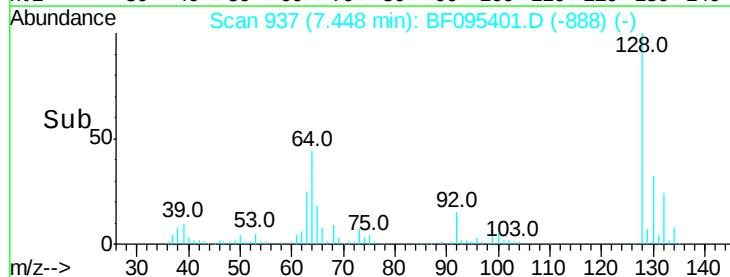
64 43.8 28.4 68.4



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

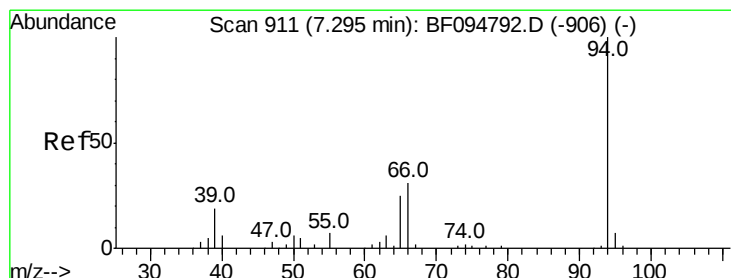
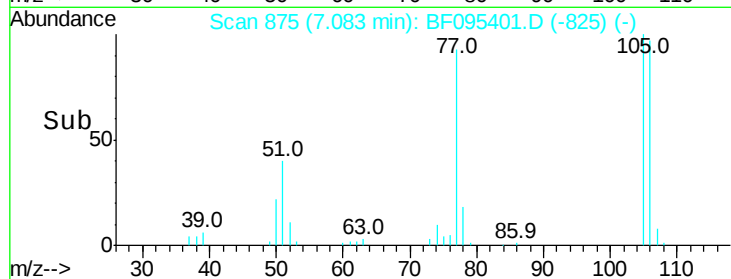
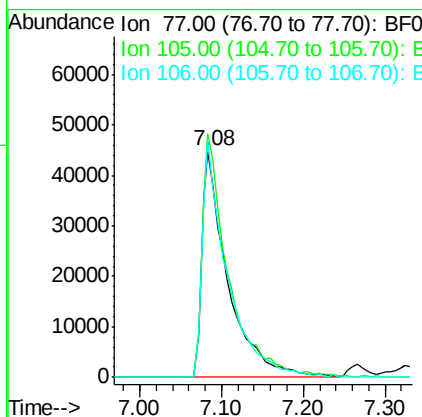
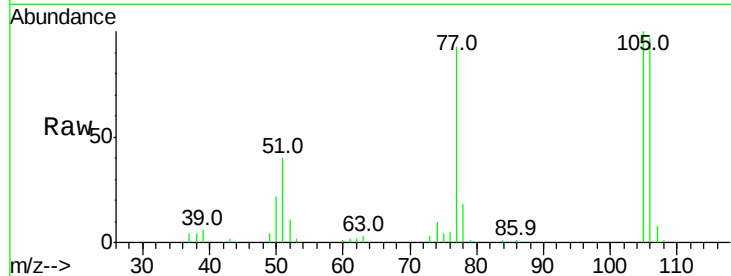




#9
Benzaldehyde
Concen: 26.03 ng
RT: 7.08 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

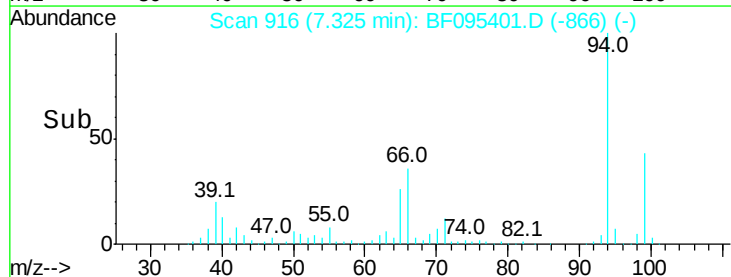
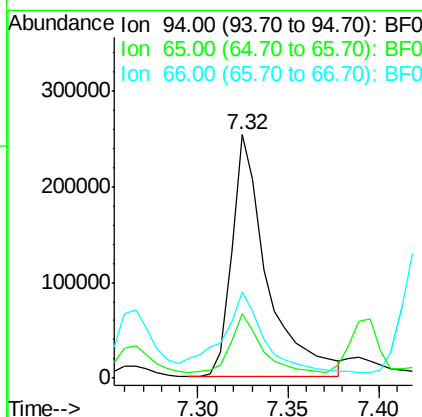
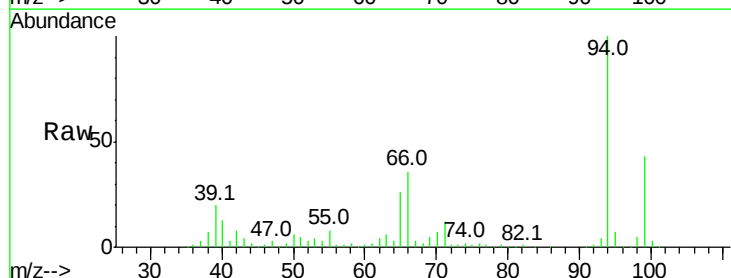
Instrument :
BNA_F
ClientSampleId :

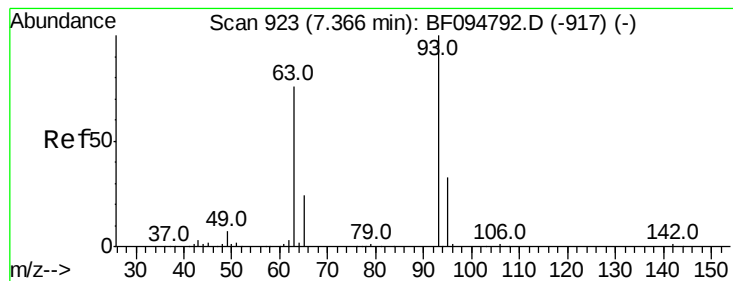
Tot Ion: 77 Resp: 99145
Ion Ratio Lower Upper
77 100
105 107.7 83.8 123.8
106 104.7 79.1 119.1



#10
Phenol
Concen: 52.07 ng
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion: 94 Resp: 342237
Ion Ratio Lower Upper
94 100
65 26.2 9.9 49.9
66 35.5 23.1 63.1

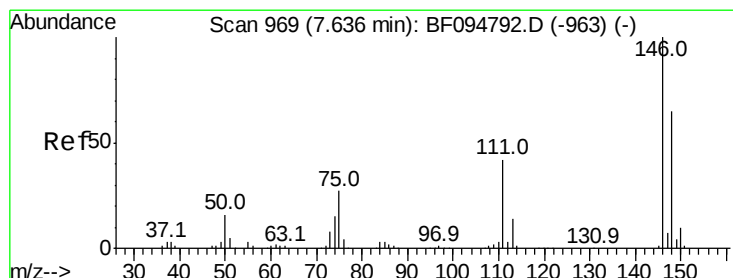
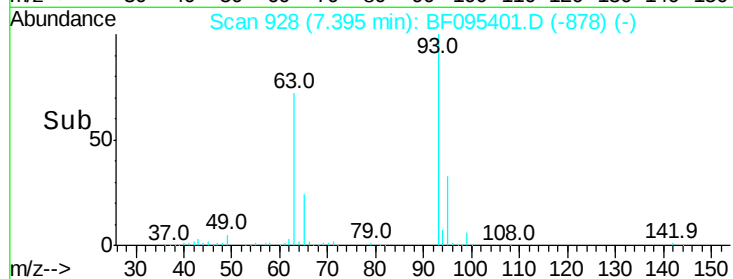
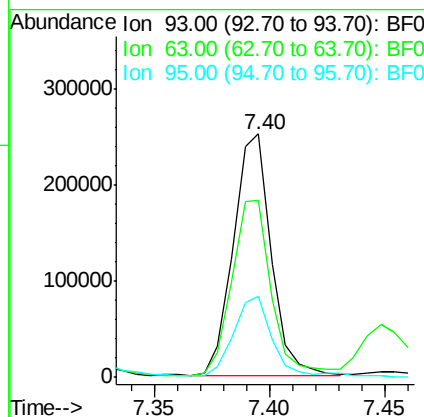
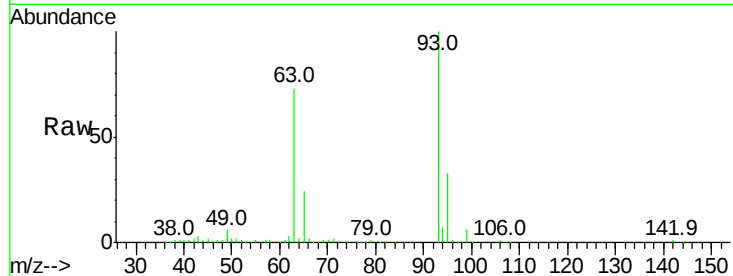




#11
 bis(2-Chloroethyl)ether
 Concen: 52.92 ng
 RT: 7.40 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

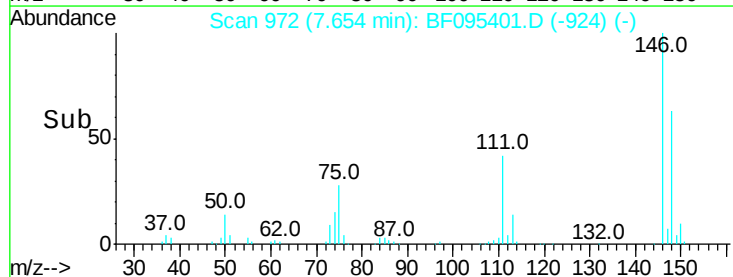
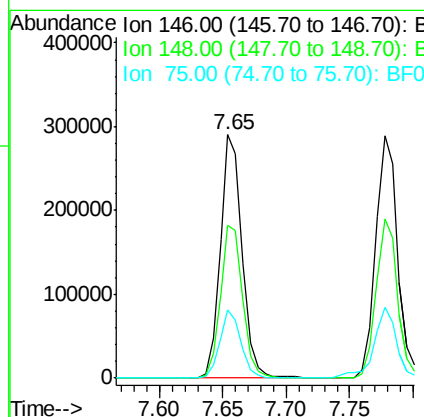
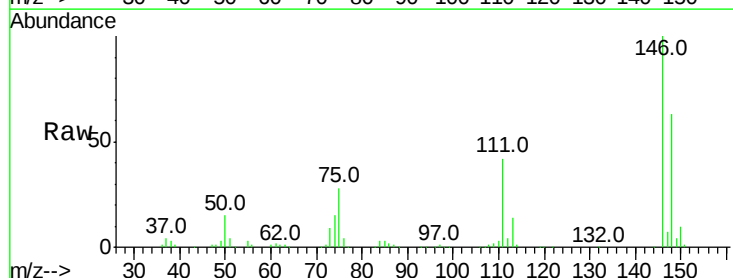
Instrument :
 BNA_F
 ClientSampleId :

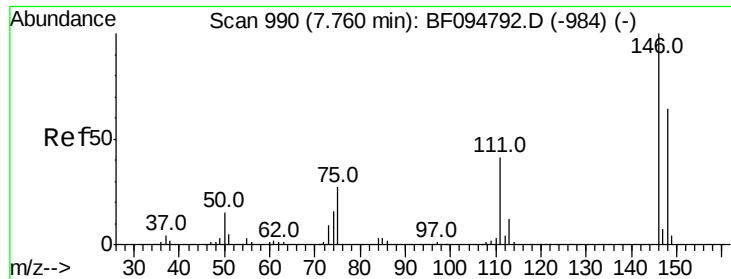
Tot Ion:	93	Resp:	287172
Ion	Ratio	Lower	Upper
93	100		
63	72.6	59.2	99.2
95	33.3	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 51.58 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion:	146	Resp:	346227
Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.6
75	27.9	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 51.92 ng

RT: 7.78 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

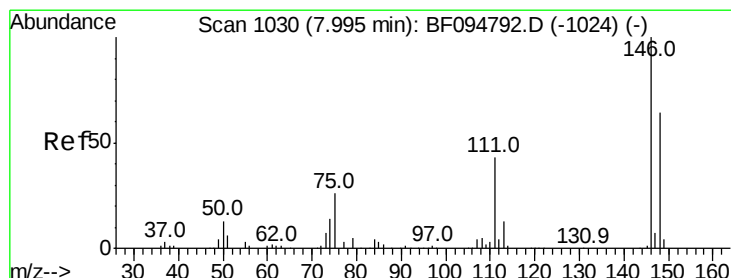
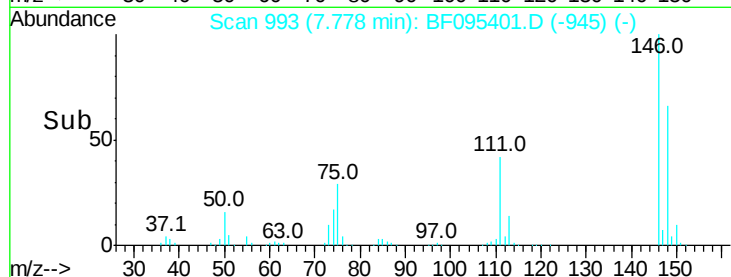
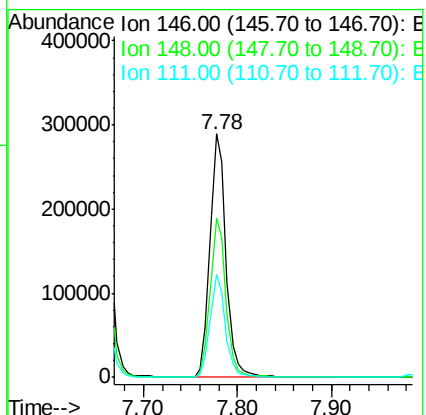
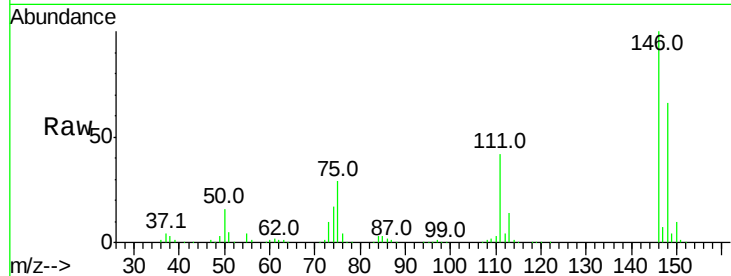
Tot Ion:146 Resp: 353395

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.2

111 42.1 30.3 45.5



#14

1,2-Dichlorobenzene

Concen: 51.94 ng

RT: 8.01 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

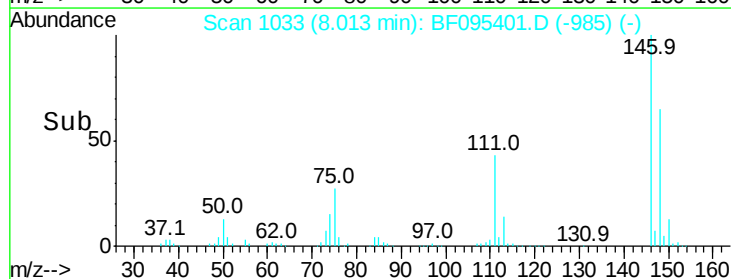
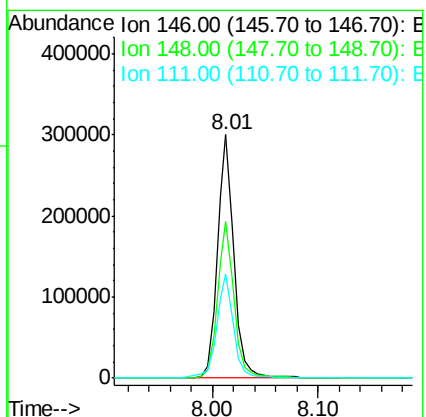
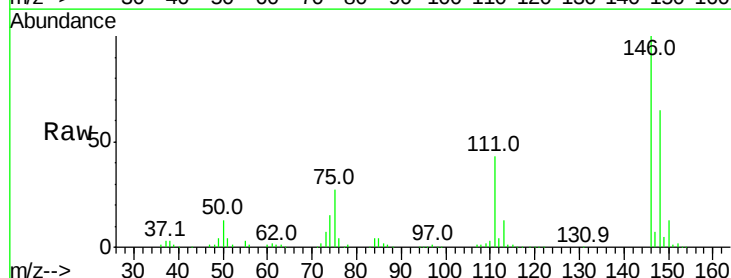
Tgt Ion:146 Resp: 329986

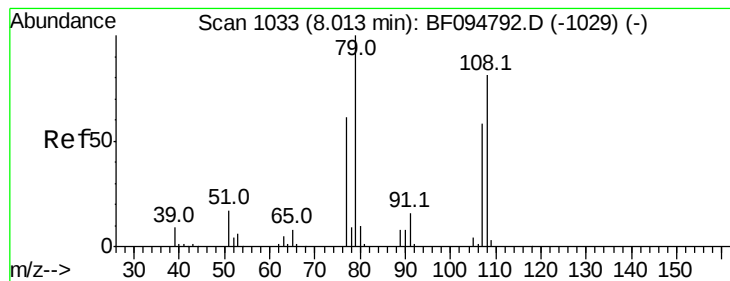
Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

111 42.6 38.2 57.4





#15

Benzyl Alcohol

Concen: 61.69 ng

RT: 8.04 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampled :

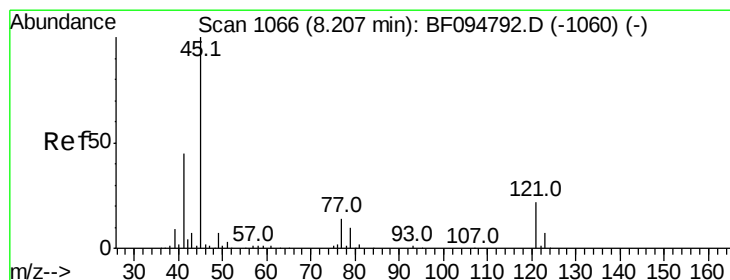
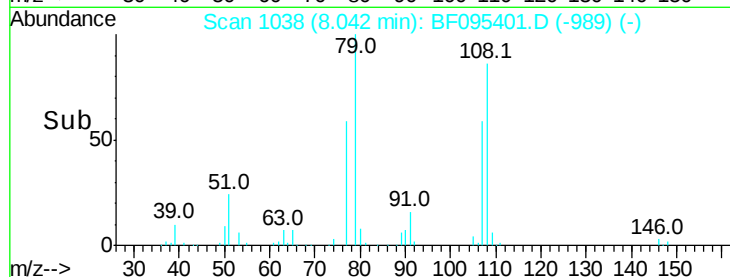
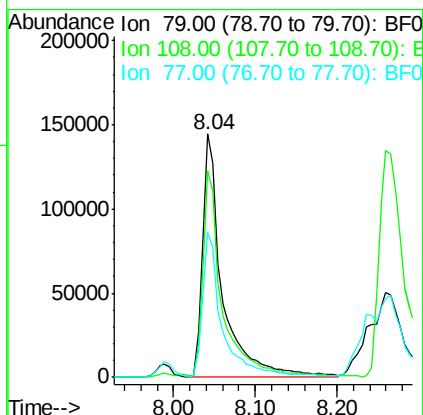
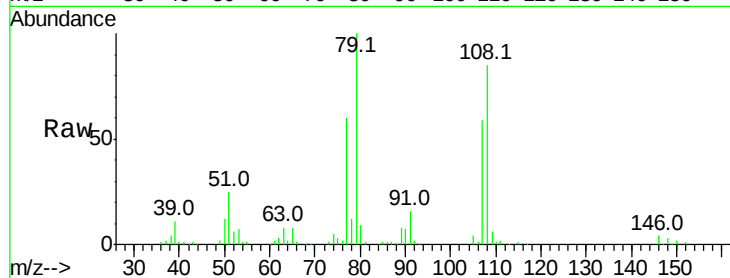
Tot Ion: 79 Resp: 247491

Ion Ratio Lower Upper

79 100

108 85.0 63.4 95.0

77 59.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.70 ng

RT: 8.24 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

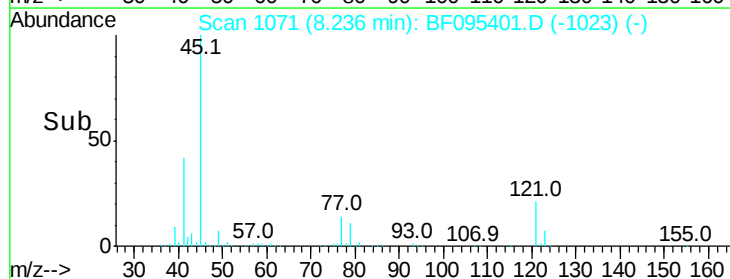
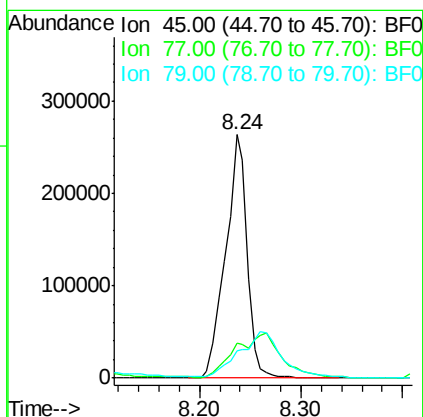
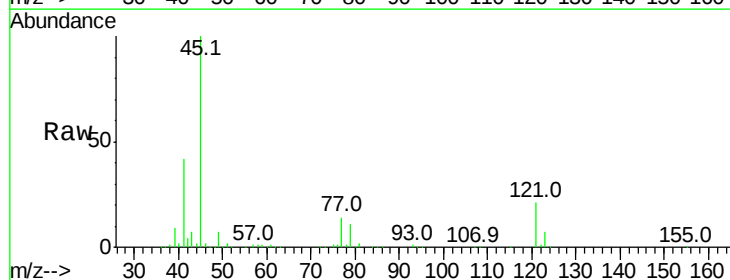
Tgt Ion: 45 Resp: 389376

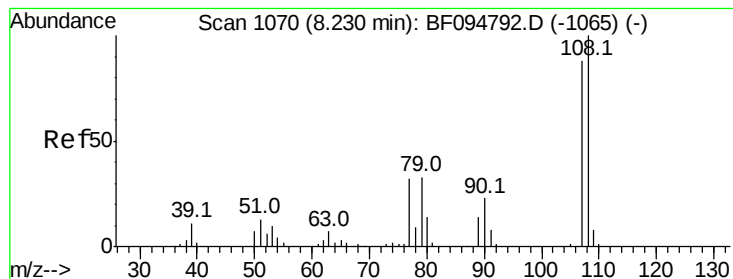
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.2

79 11.3 0.0 30.0





#17

2-Methylphenol

Concen: 53.22 ng

RT: 8.27 min Scan# 1076

Delta R.T. 0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 257735

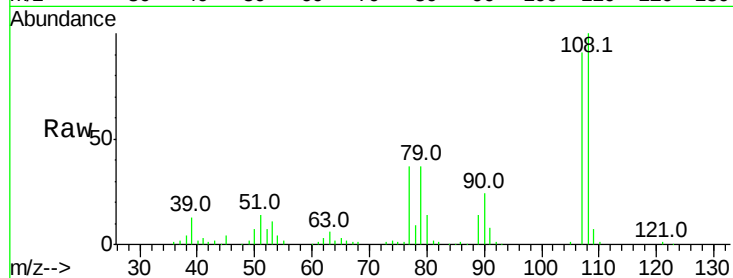
Ion Ratio Lower Upper

107 100

108 110.0 93.4 140.0

77 40.4 35.8 53.6

79 40.6 34.8 52.2

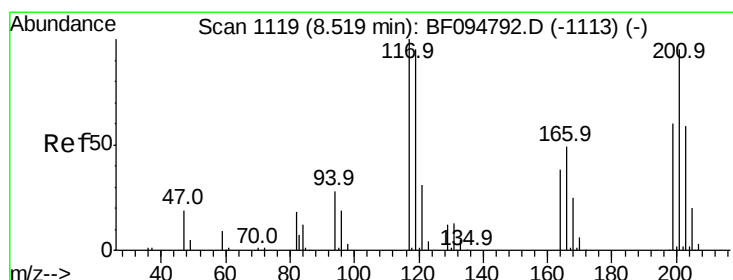
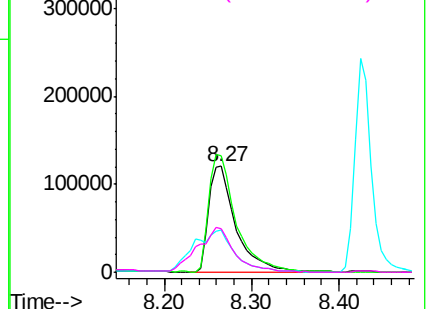
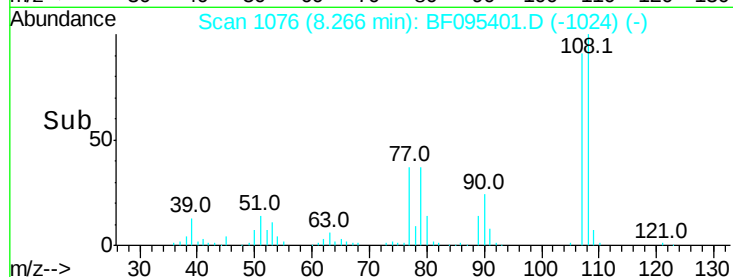


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.25 ng

RT: 8.52 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

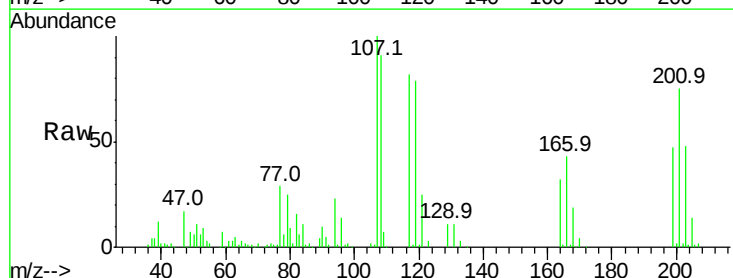
Tgt Ion:117 Resp: 92813

Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.0

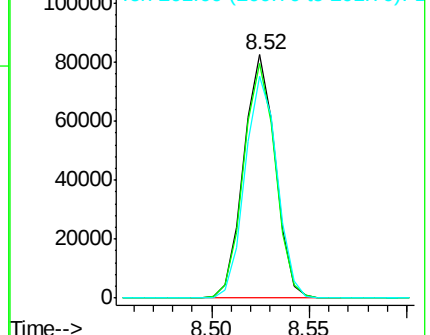
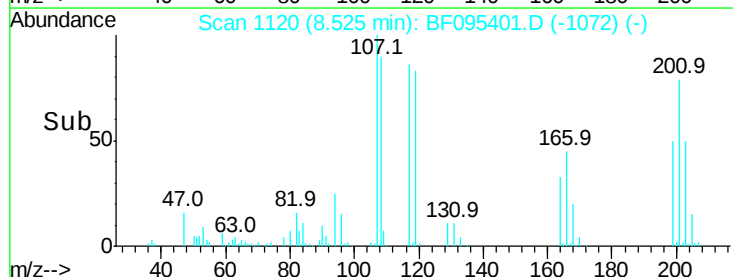
201 91.2 94.6 141.8#

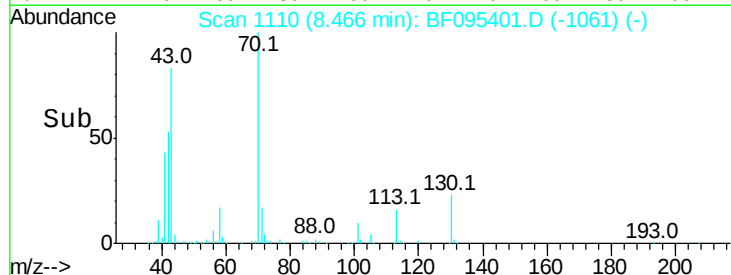
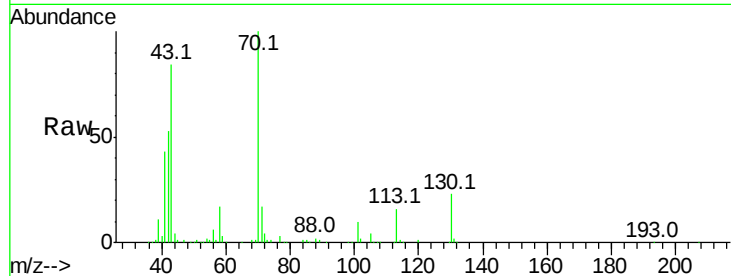
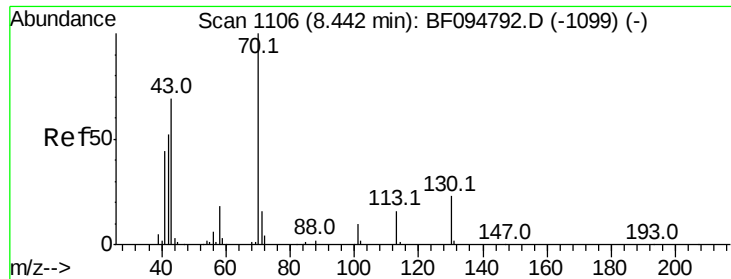


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

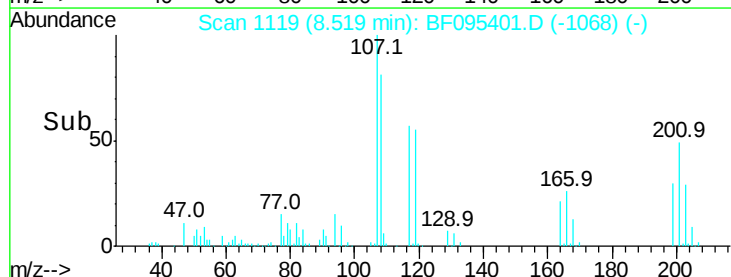
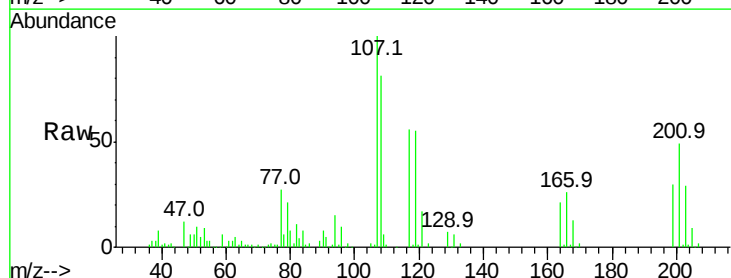
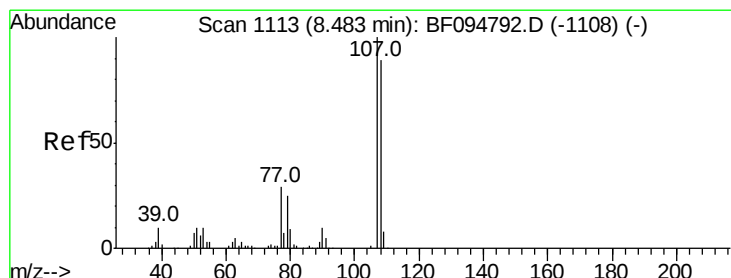
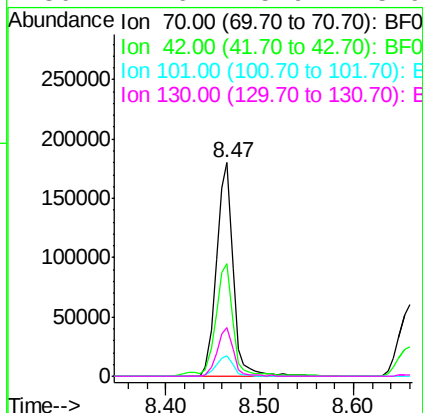




#19
n-Nitroso-di-n-propylamine
Concen: 52.92 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

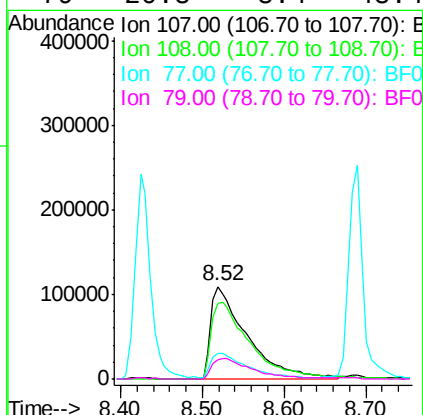
Instrument :
BNA_F
ClientSampleId :

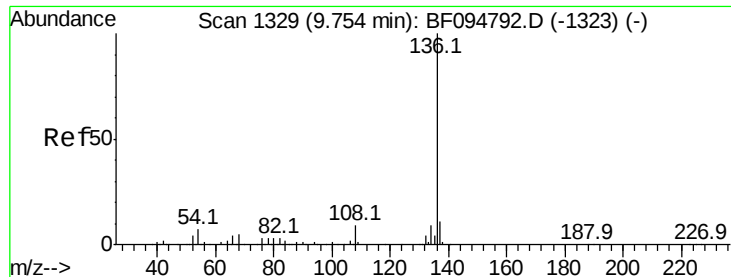
Tot Ion:	70	Resp:	223260
Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.2	70.8
101	9.8	7.2	10.8
130	22.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 50.16 ng
RT: 8.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion:	107	Resp:	330041
Ion	Ratio	Lower	Upper
107	100		
108	81.4	71.0	111.0
77	27.1	90.5	130.5#
79	20.8	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: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 335324

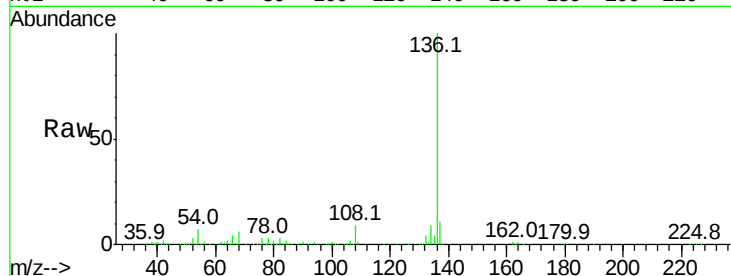
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.5 4.9 7.3

68 6.0 4.1 6.1

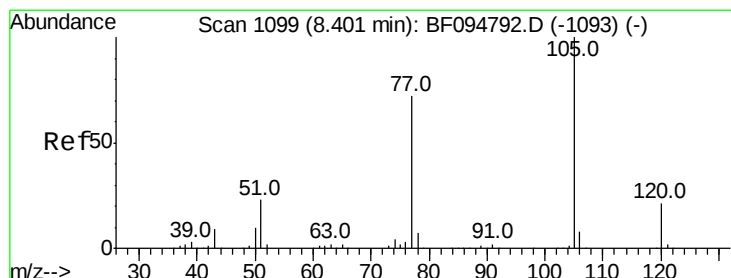
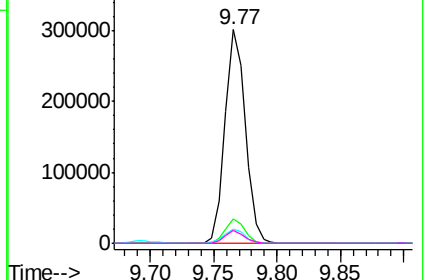
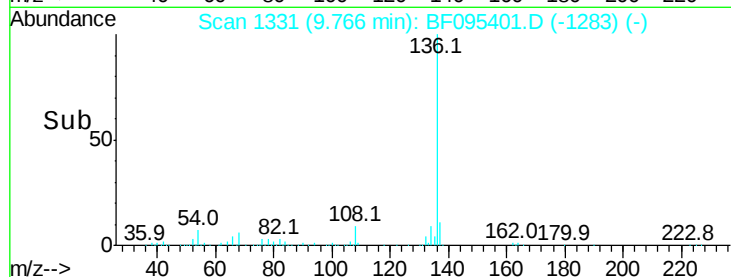


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.23 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Tgt Ion:105 Resp: 444309

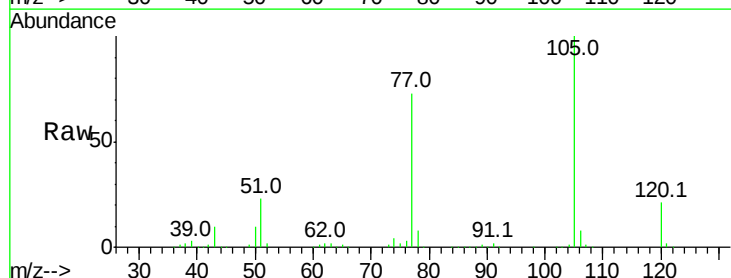
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.1 30.7 46.1#

120 21.2 17.4 26.0

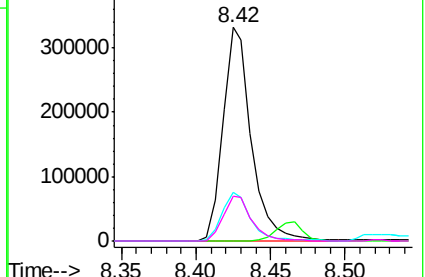
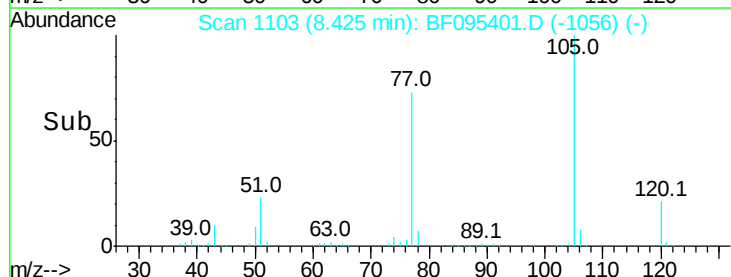


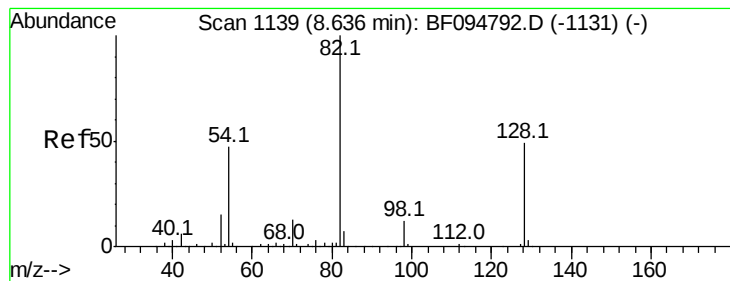
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 113.71 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

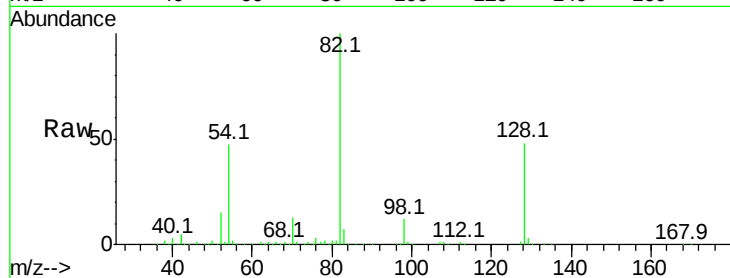
Tot Ion: 82 Resp: 604645

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

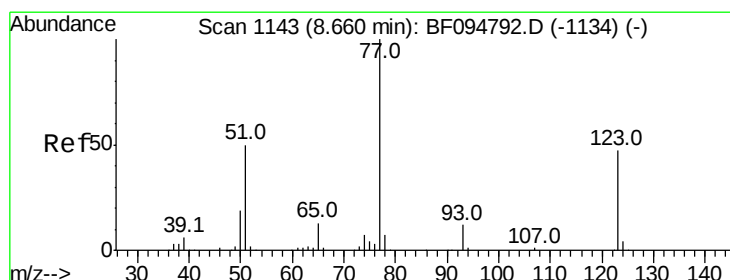
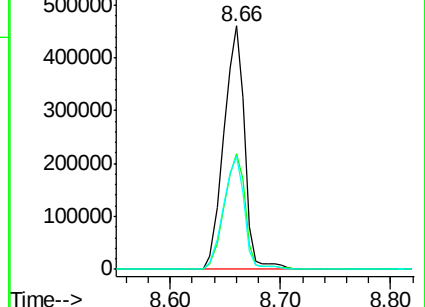
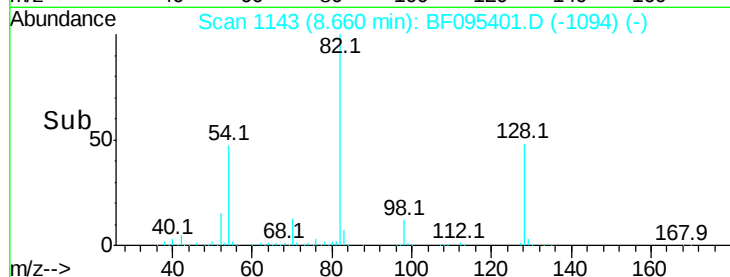
54 46.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 54.21 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

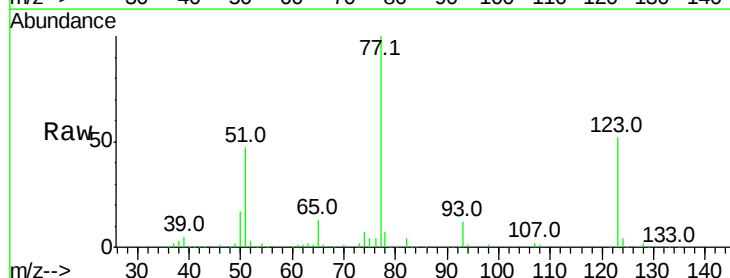
Tgt Ion: 77 Resp: 302154

Ion Ratio Lower Upper

77 100

123 51.8 35.8 53.8

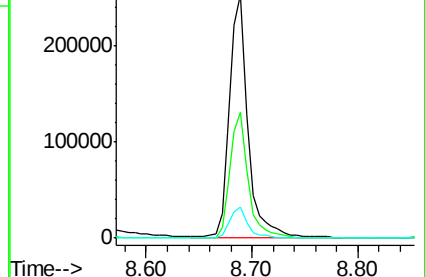
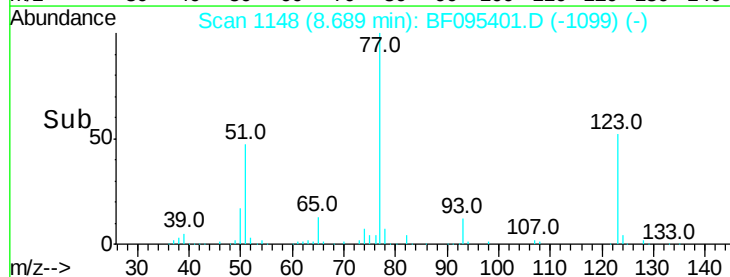
65 12.9 10.6 15.8

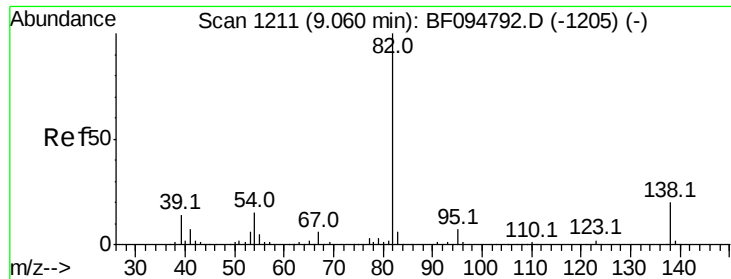


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 56.15 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampled :

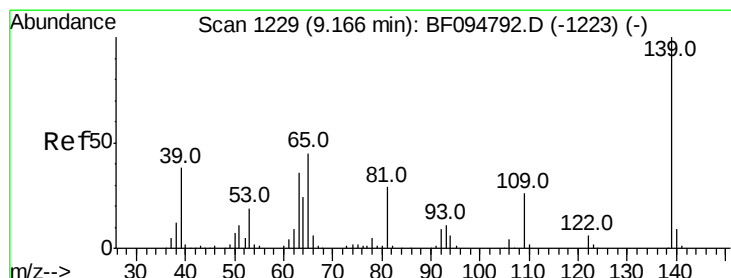
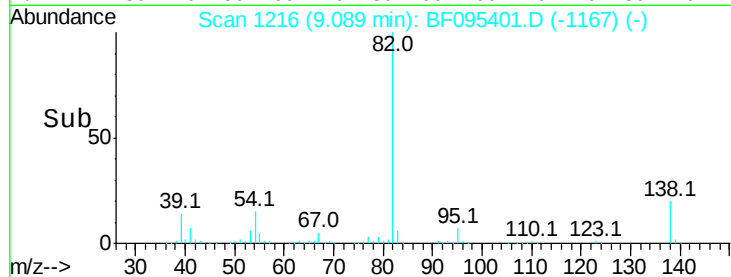
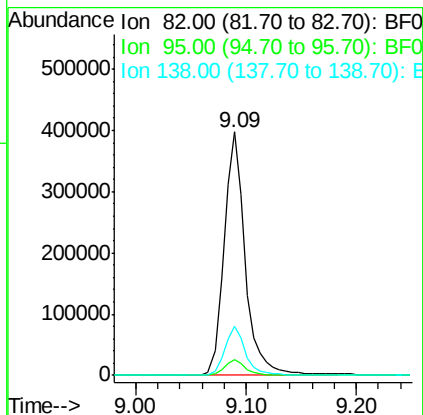
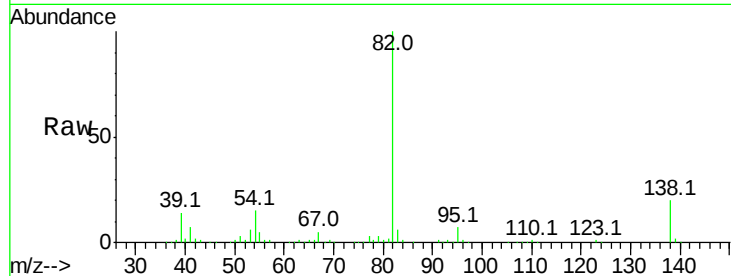
Tot Ion: 82 Resp: 533167

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 20.1 13.1 19.7#



#26

2-Nitrophenol

Concen: 32.54 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

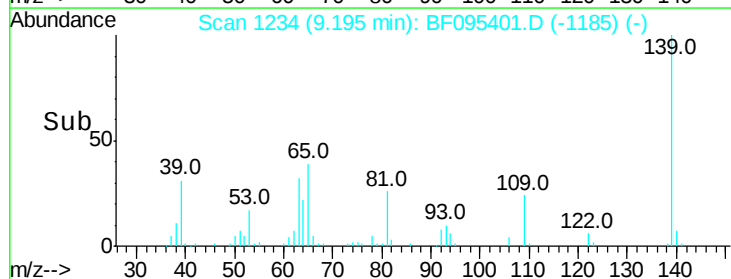
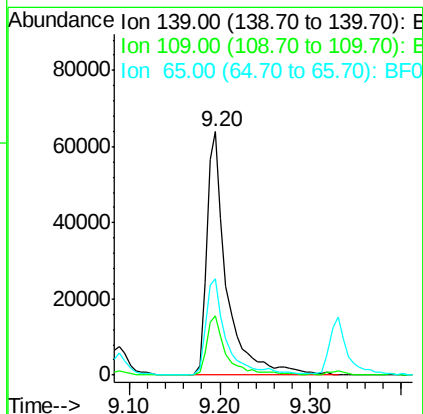
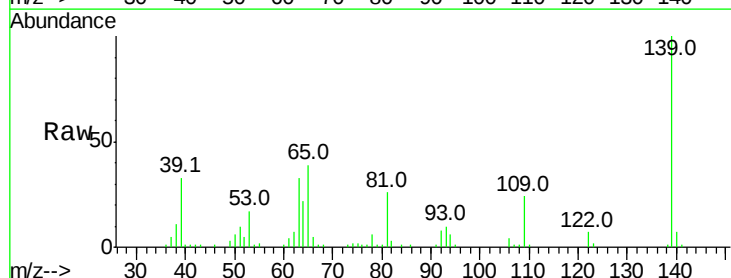
Tgt Ion:139 Resp: 97874

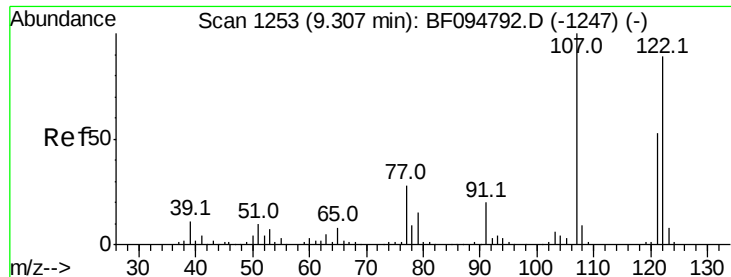
Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.6

65 39.5 33.0 49.6

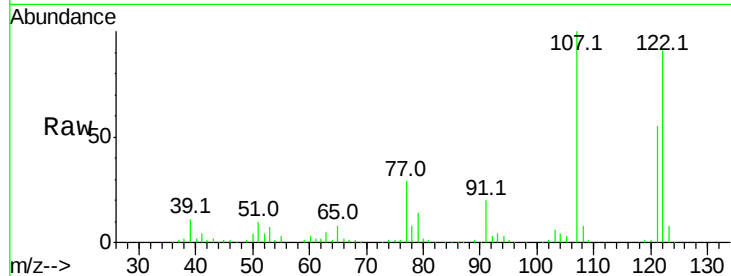




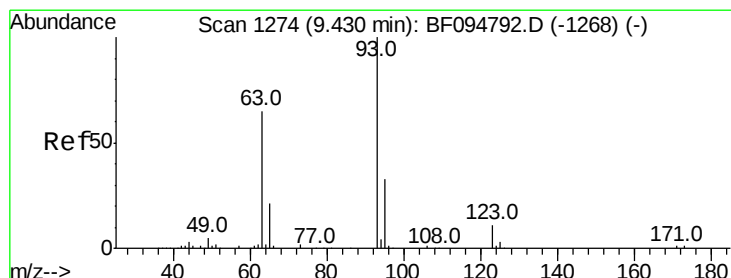
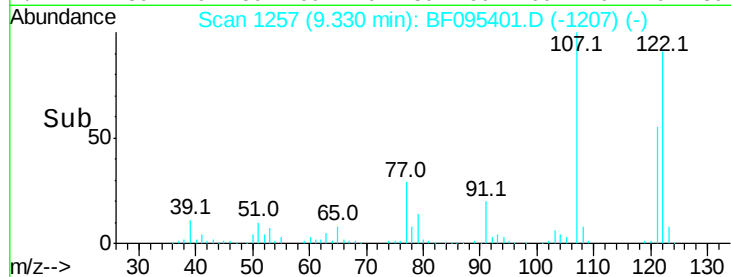
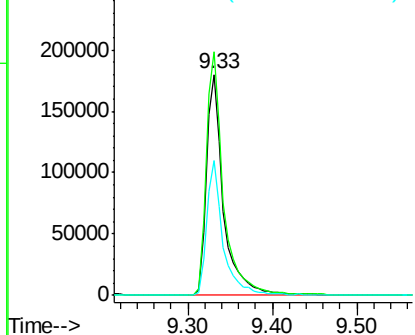
#27
 2,4-Dimethylphenol
 Concen: 52.29 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 254293
 Ion Ratio Lower Upper
 122 100
 107 110.2 89.2 133.8
 121 60.9 45.2 67.8

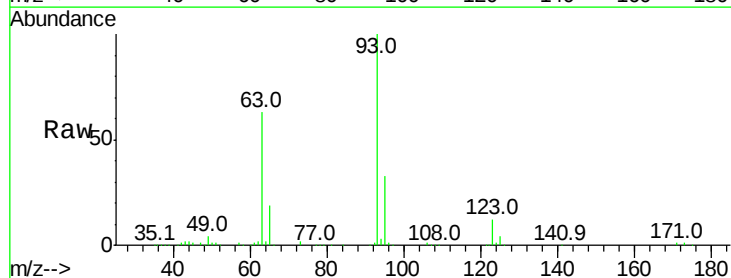


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

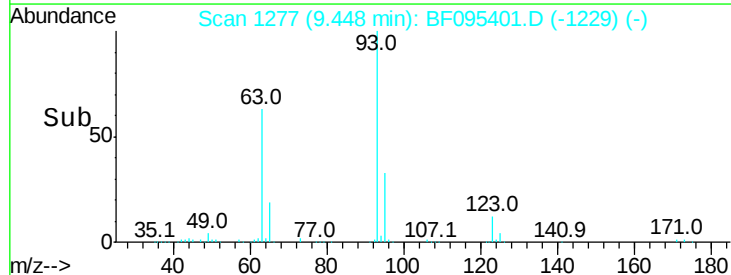
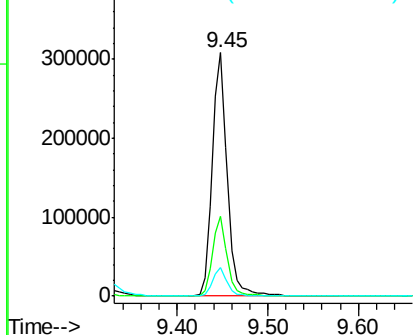


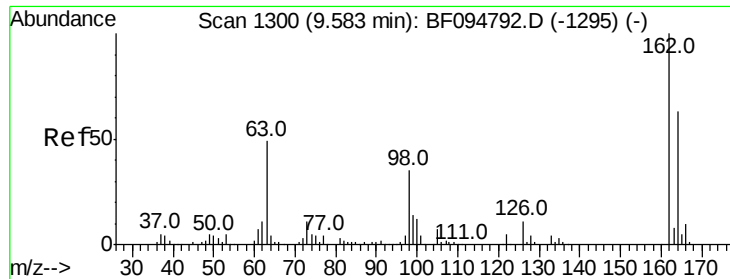
#28
 bis(2-Chloroethoxy)methane
 Concen: 54.37 ng
 RT: 9.45 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion: 93 Resp: 357135
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 11.7 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

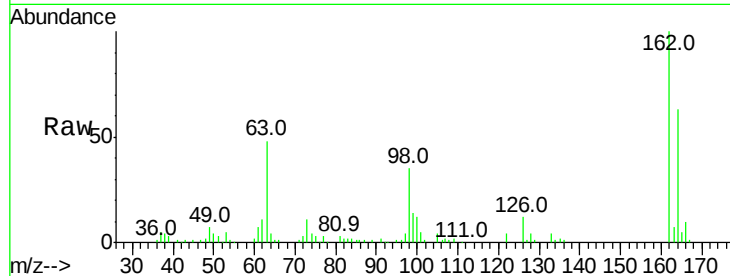




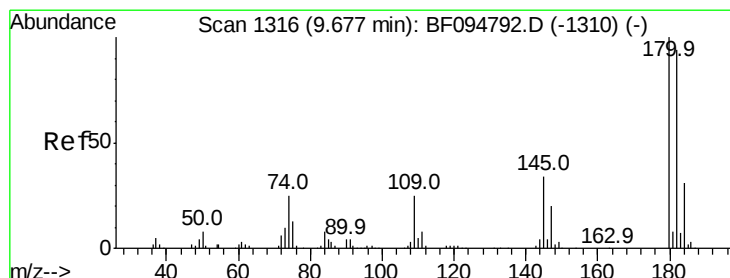
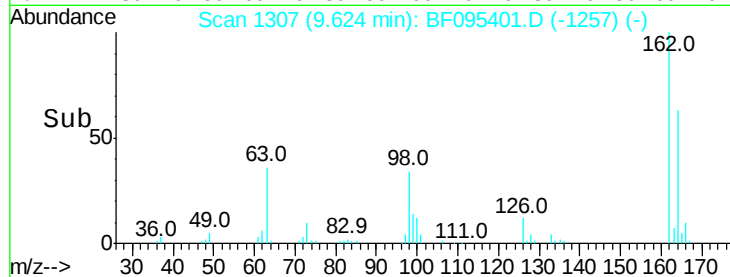
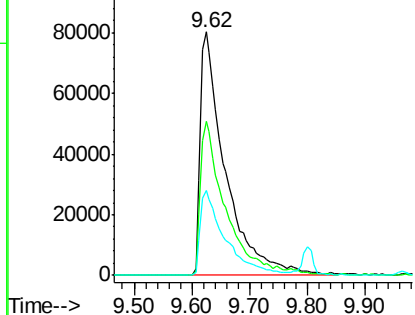
#29
 2,4-Dichlorophenol
 Concen: 53.12 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	34.9	14.8	54.8

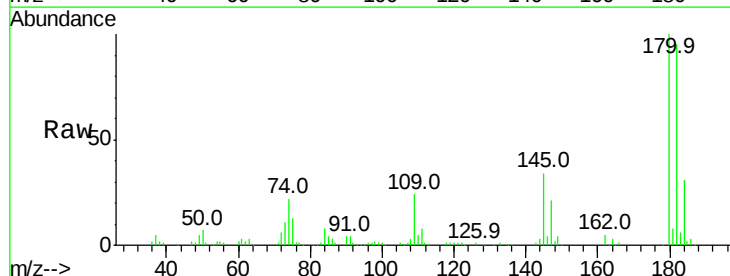


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

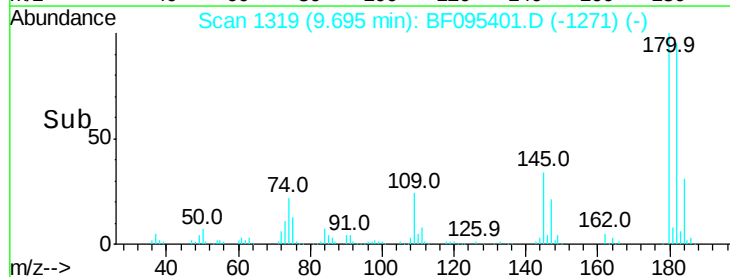
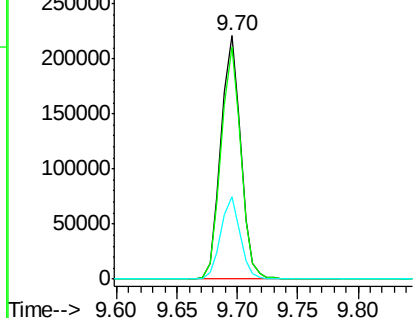


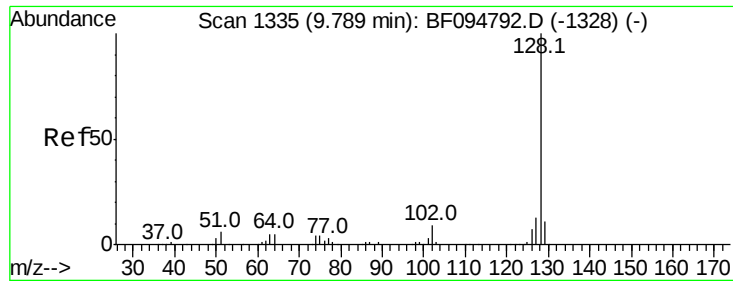
#30
 1,2,4-Trichlorobenzene
 Concen: 51.14 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	33.8	25.3	37.9



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

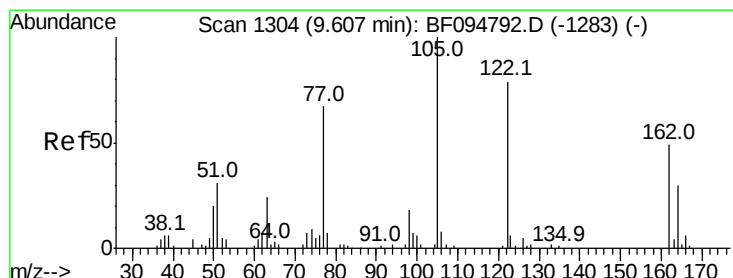
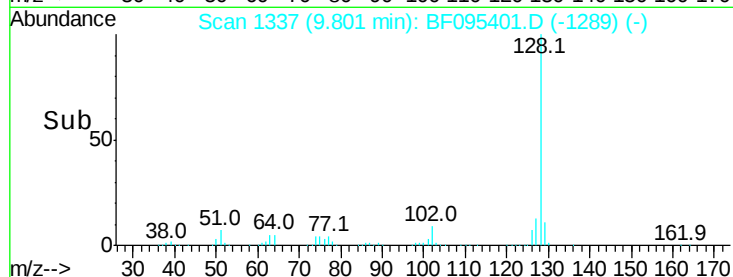
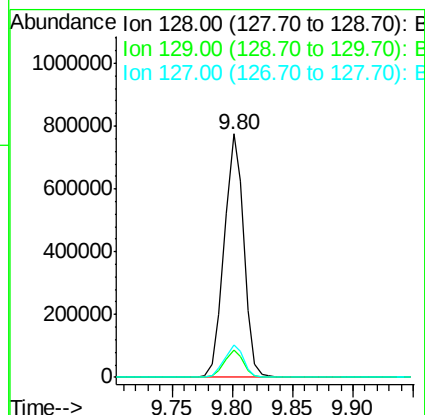
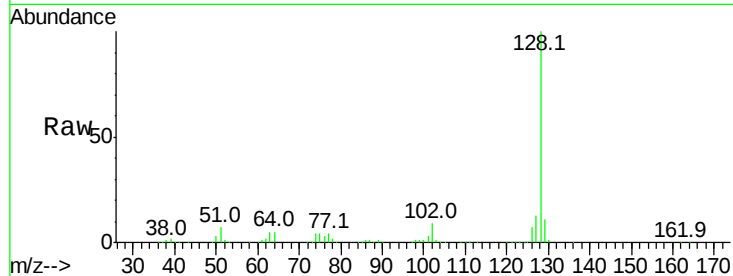




#31
Naphthalene
Concen: 51.25 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

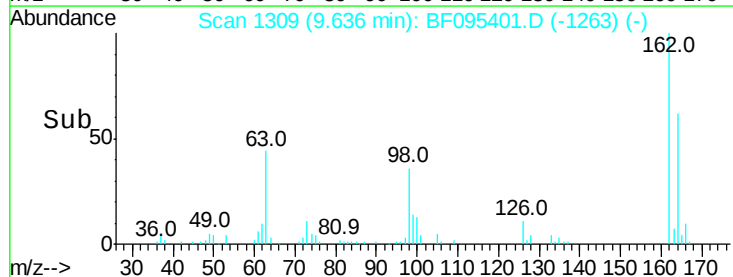
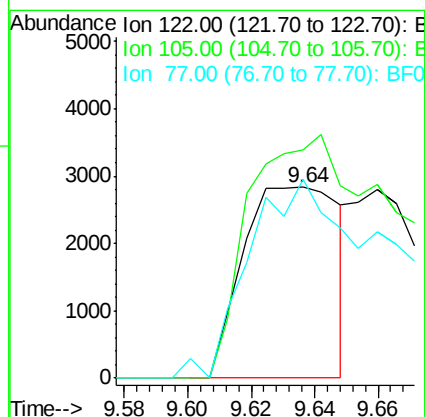
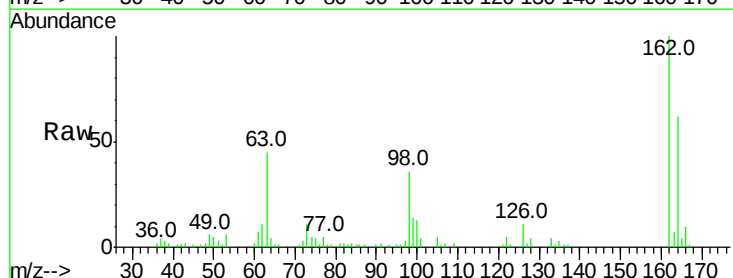
Instrument :
BNA_F
ClientSampleId :

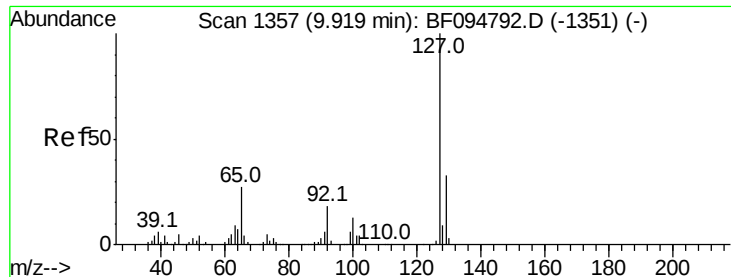
Tot Ion:128 Resp: 863741
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 6.75 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion:122 Resp: 5955
Ion Ratio Lower Upper
122 100
105 119.4 103.3 143.3
77 104.4 73.7 113.7

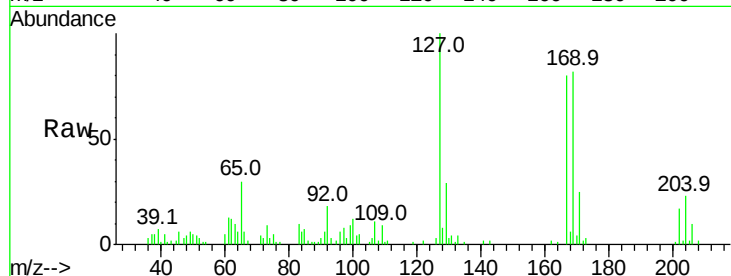




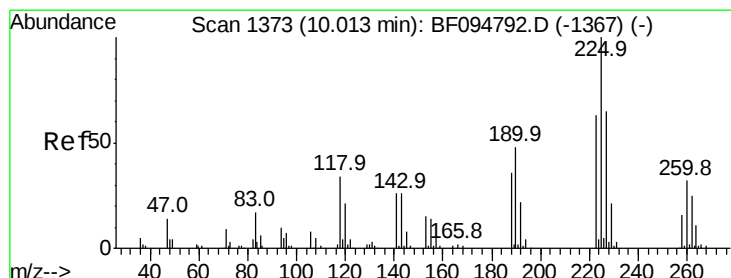
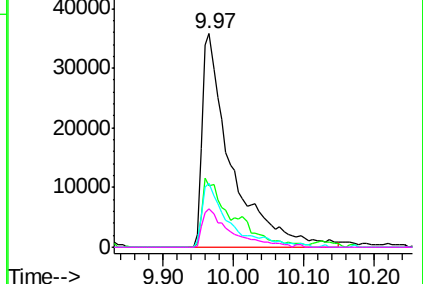
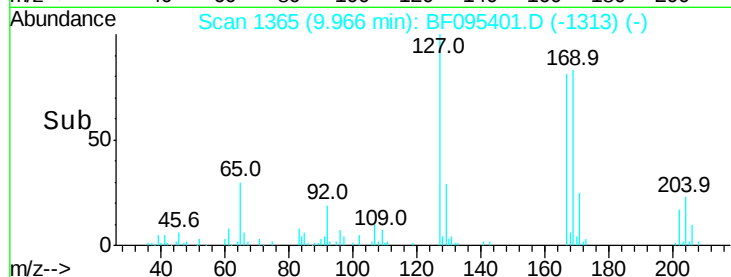
#33
4-Chloroaniline
Concen: 16.37 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	102836
Ion	Ratio	Lower	Upper
127	100		
129	28.8	26.2	39.2
65	30.2	27.8	41.8
92	18.3	16.8	25.2

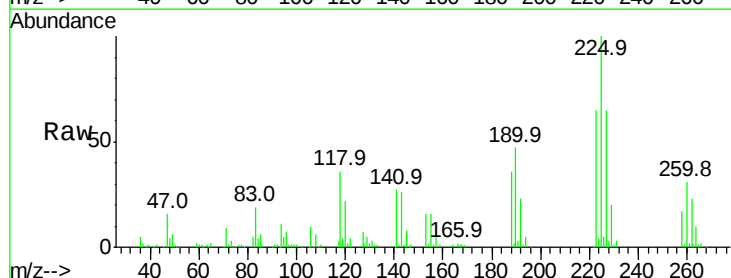


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

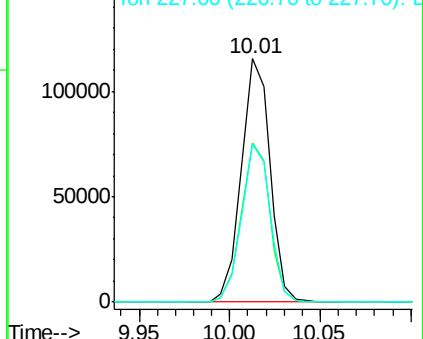
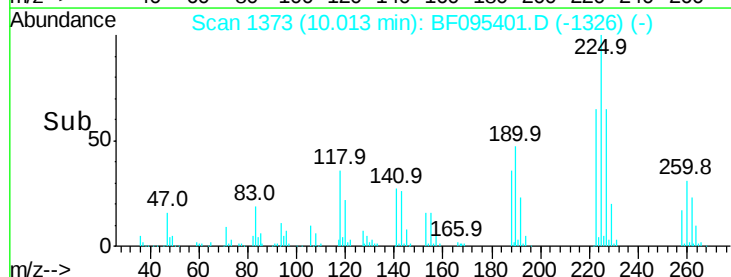


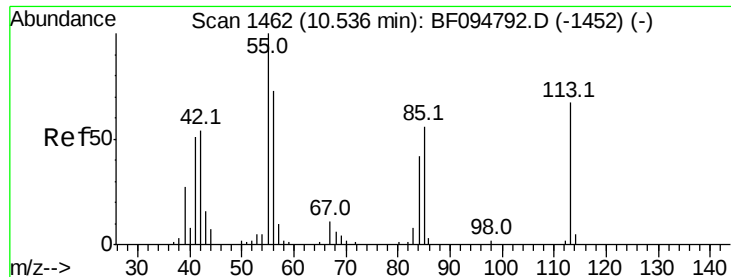
#34
Hexachlorobutadiene
Concen: 49.16 ng
RT: 10.01 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion:	225	Resp:	127586
Ion	Ratio	Lower	Upper
225	100		
223	65.2	48.8	73.2
227	64.6	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: 49.59 ng

RT: 10.57 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

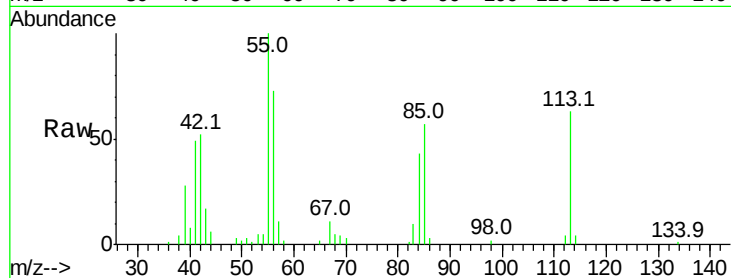
Tot Ion:113 Resp: 68377

Ion Ratio Lower Upper

113 100

55 157.8 150.2 190.2

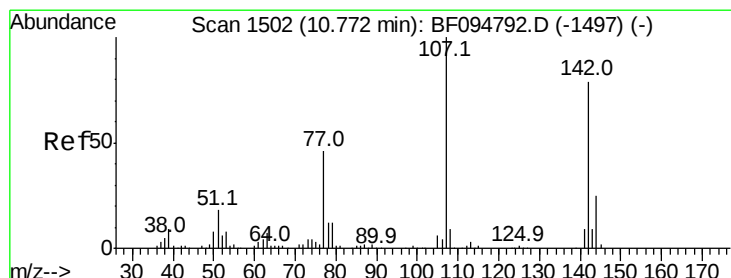
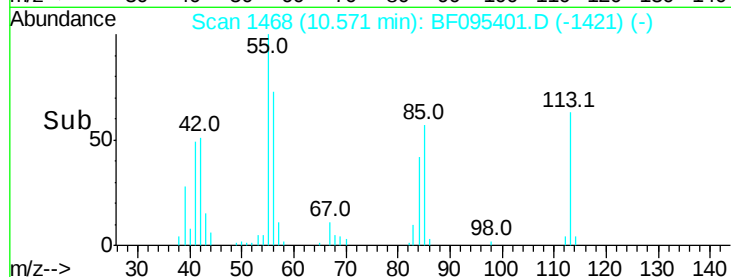
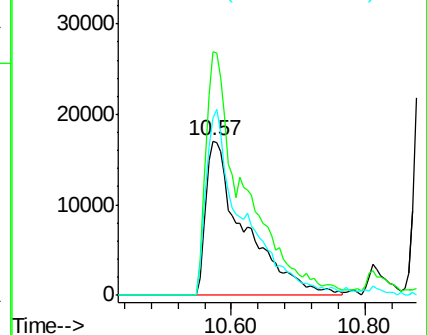
56 114.7 107.8 147.8



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: 47.44 ng

RT: 10.81 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

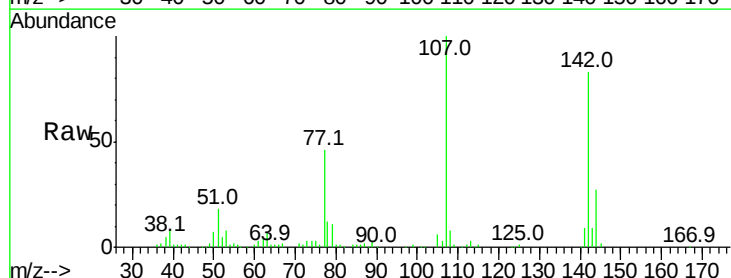
Tgt Ion:107 Resp: 232890

Ion Ratio Lower Upper

107 100

144 26.9 24.2 36.4

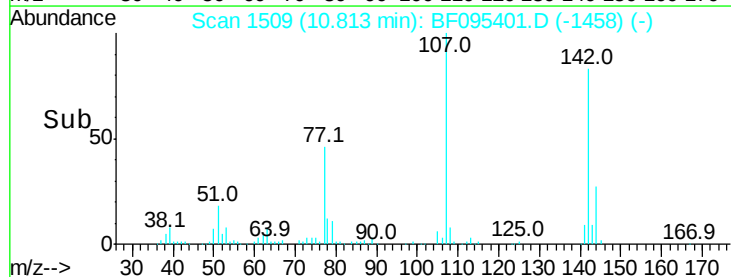
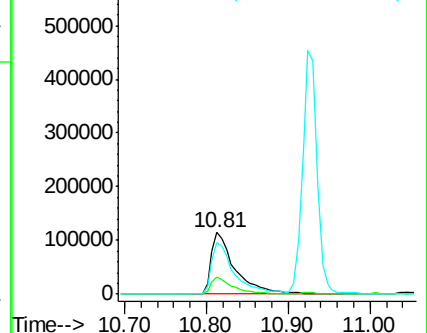
142 83.0 73.4 110.0

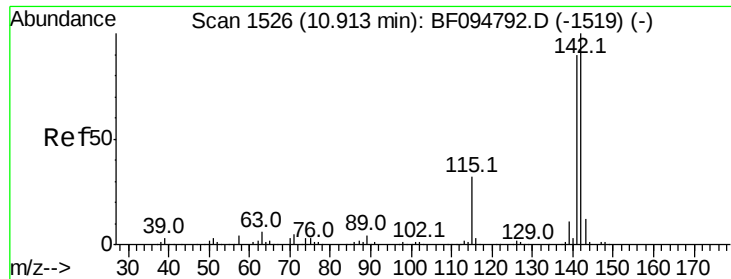


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

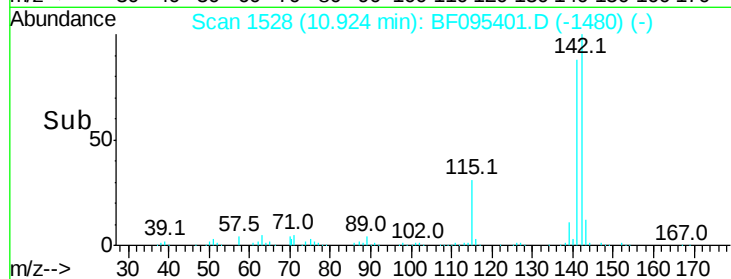
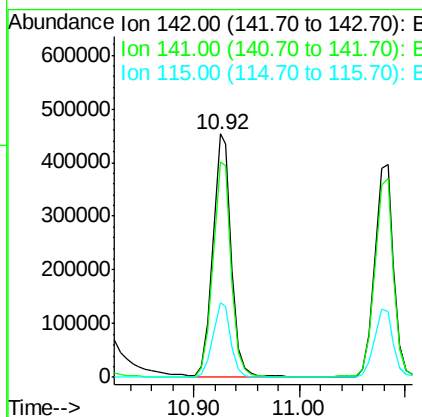
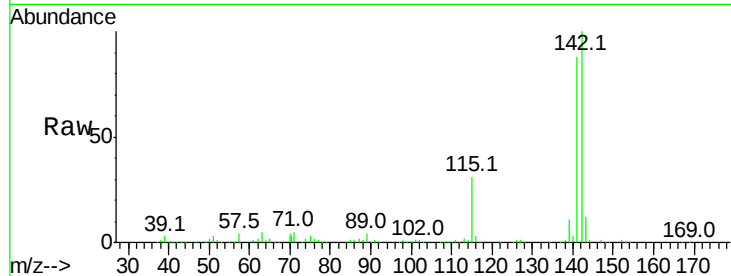




#37
2-Methylnaphthalene
Concen: 50.58 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

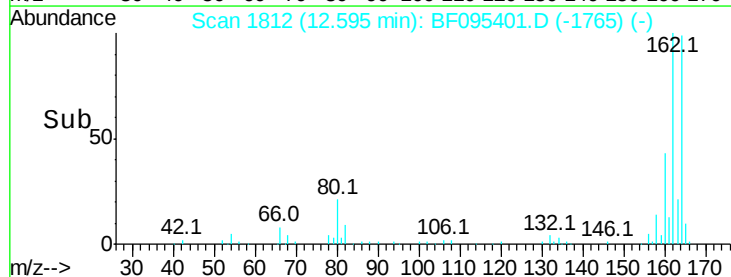
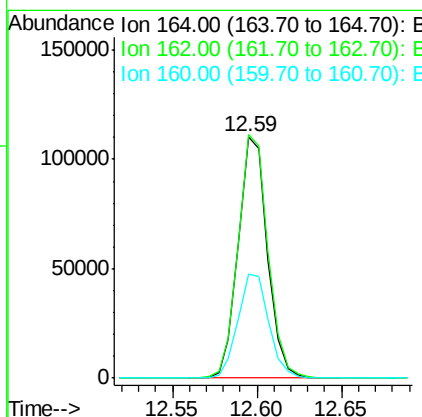
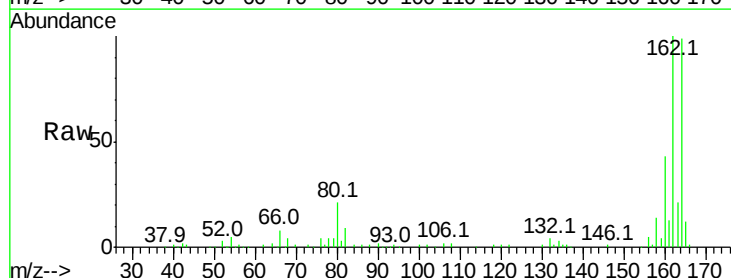
Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 559439
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9
115 30.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion:164 Resp: 132267
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 43.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.51 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 217650

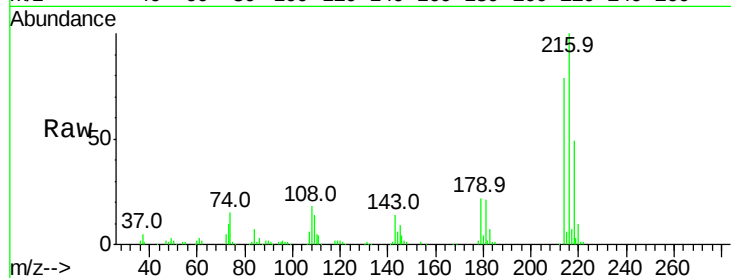
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.2 17.9 26.9

108 17.9 16.5 24.7

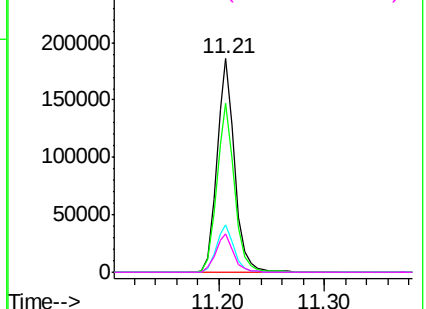
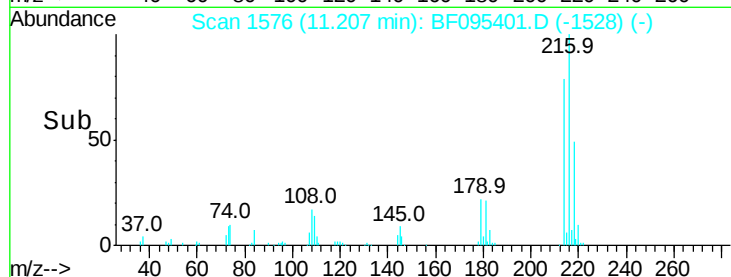


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 9.14 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

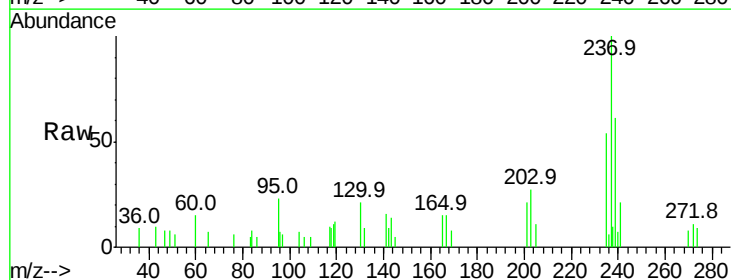
Tgt Ion:237 Resp: 5711

Ion Ratio Lower Upper

237 100

235 53.8 42.6 82.6

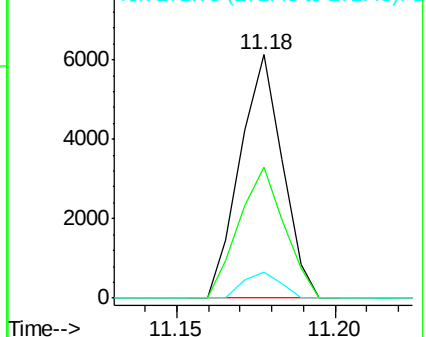
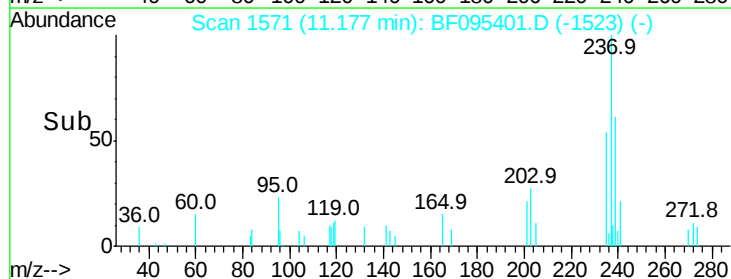
272 10.7 0.0 31.9

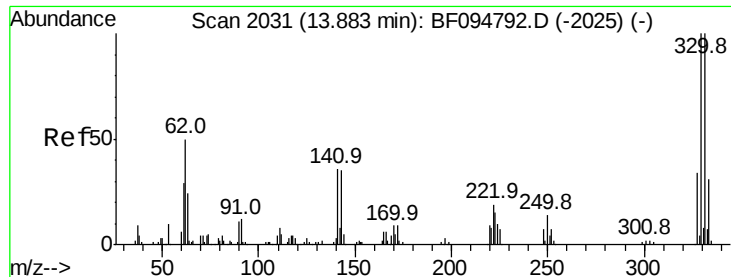


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

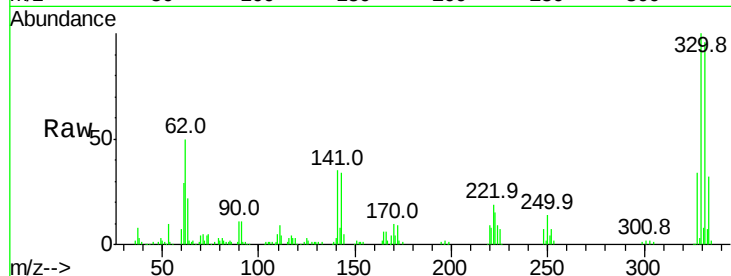




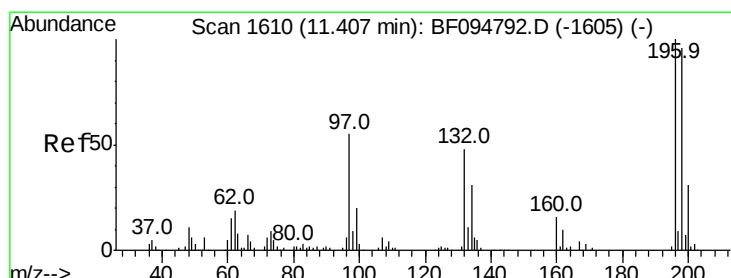
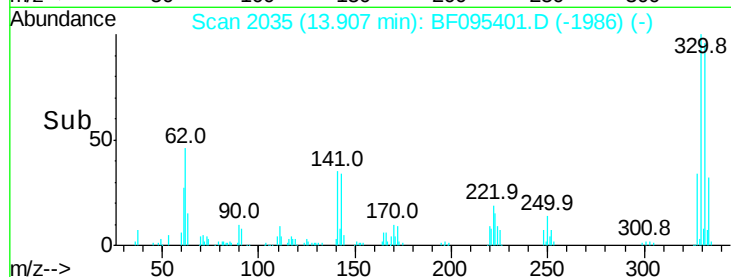
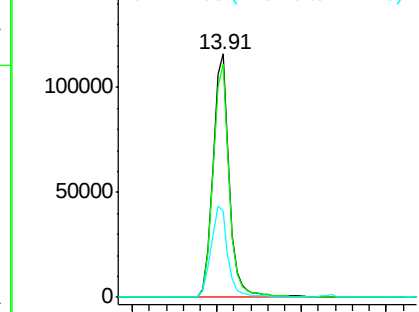
#41
 2,4,6-Tribromophenol
 Concen: 146.93 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 159156
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 38.5 31.4 47.2

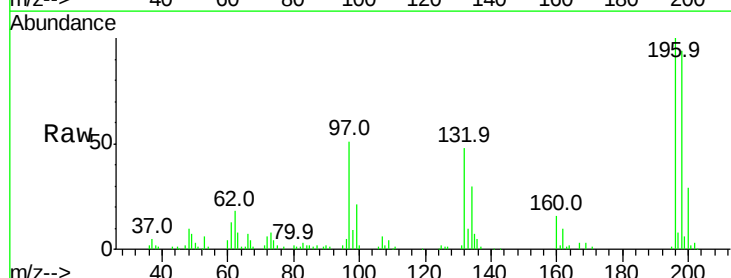


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

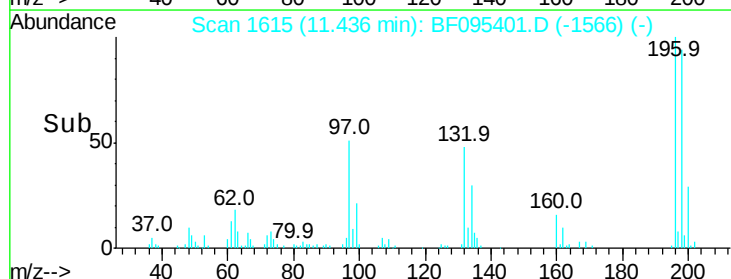
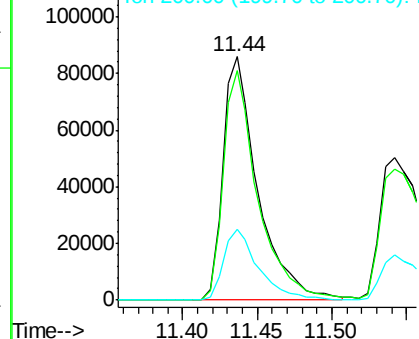


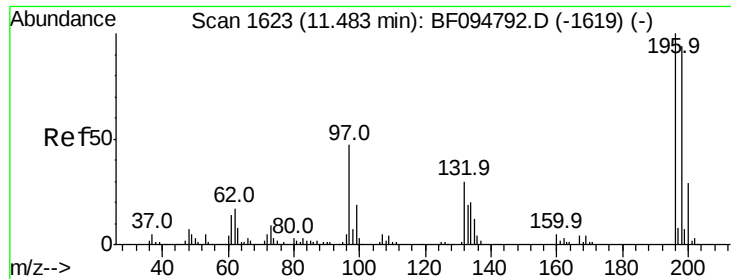
#42
 2,4,6-Trichlorophenol
 Concen: 51.60 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion:196 Resp: 140131
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.2 111.4
 200 29.3 24.0 36.0



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

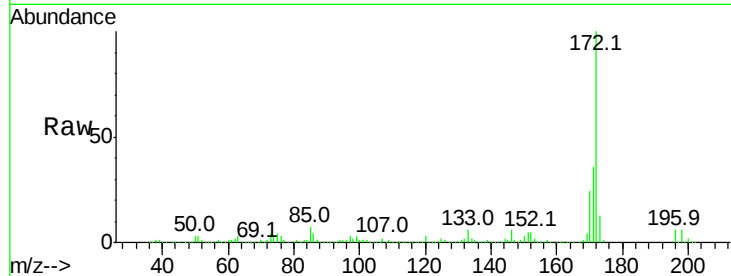




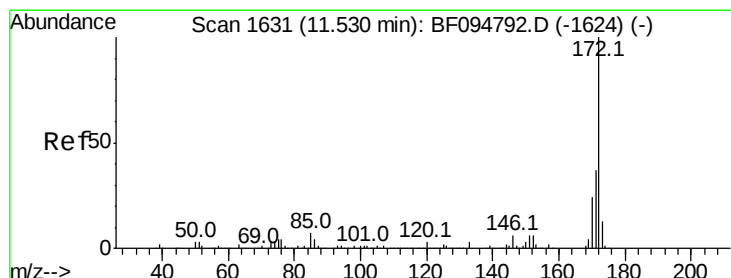
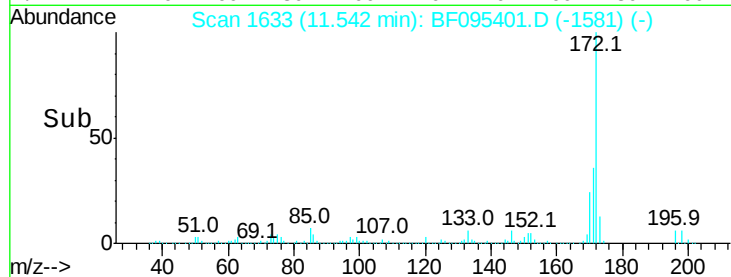
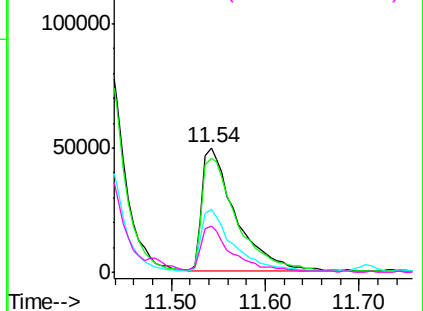
#43
 2,4,5-Trichlorophenol
 Concen: 42.71 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.0	75.7	113.5
97	50.6	47.7	71.5
132	37.0	28.0	42.0

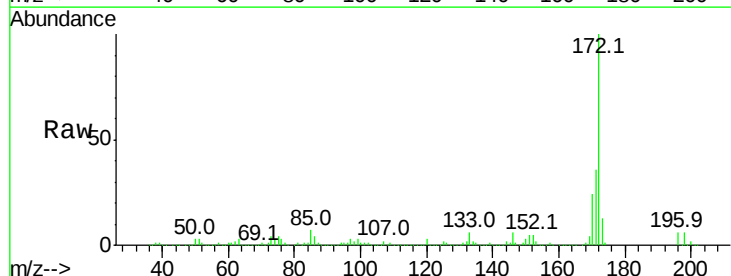


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

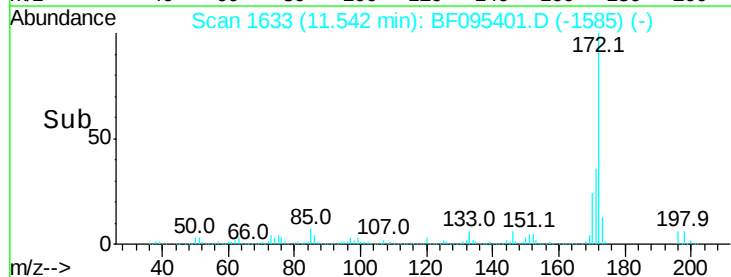
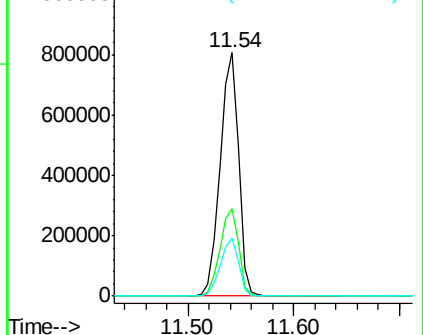


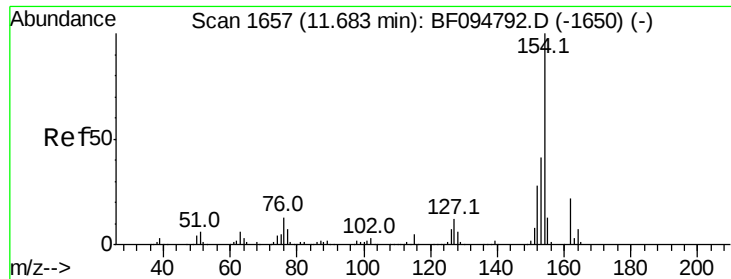
#44
 2-Fluorobiphenyl
 Concen: 107.79 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8



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

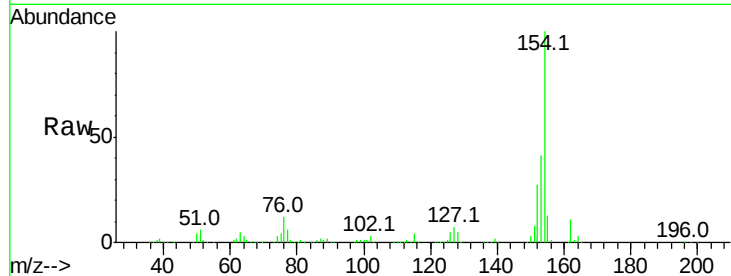




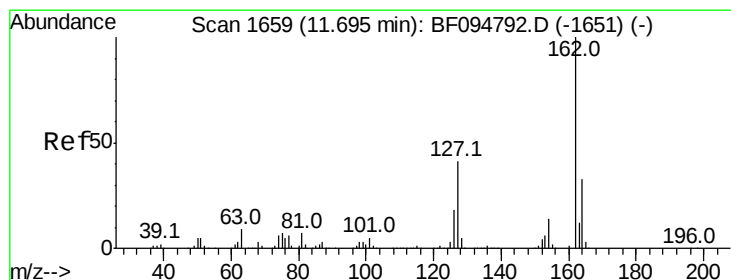
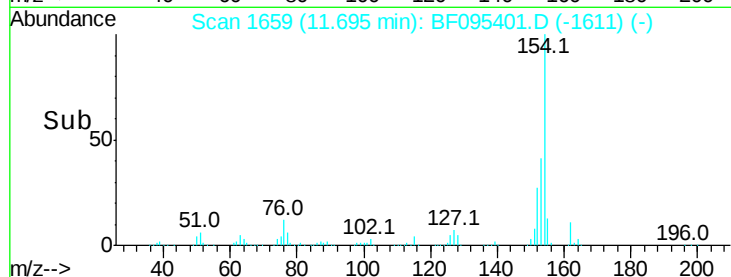
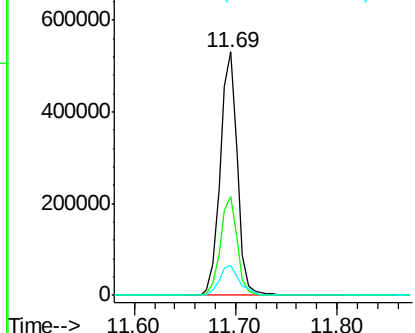
#45
 1,1'-Biphenyl
 Concen: 55.33 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	12.4	0.0	29.9

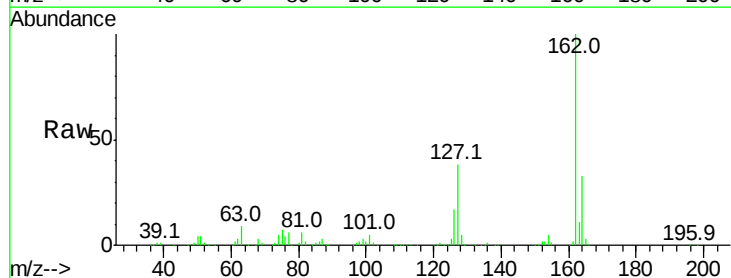


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

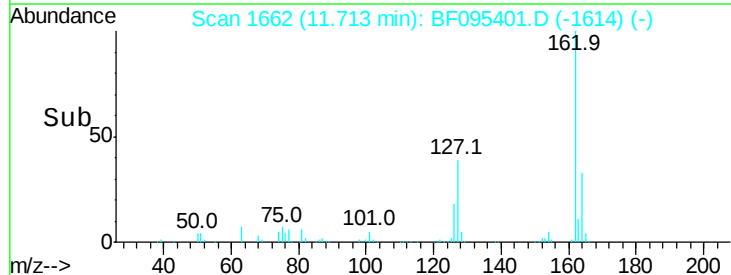
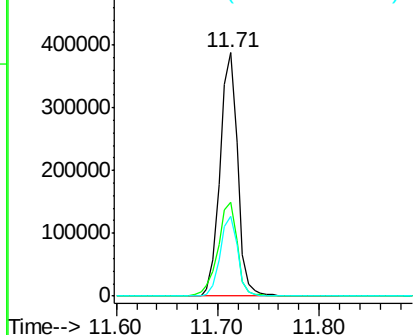


#46
 2-Chloronaphthalene
 Concen: 52.31 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	28.3	42.5
164	32.7	27.0	40.4



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

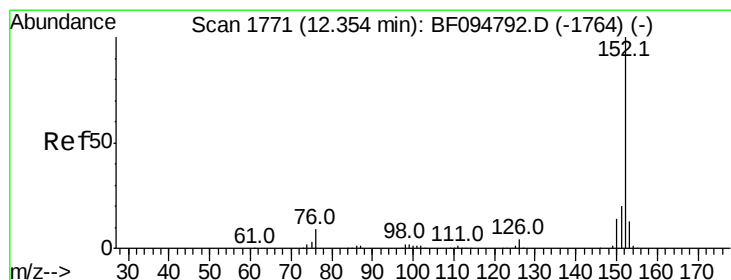
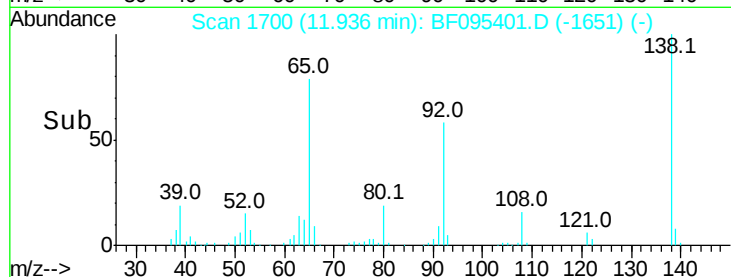
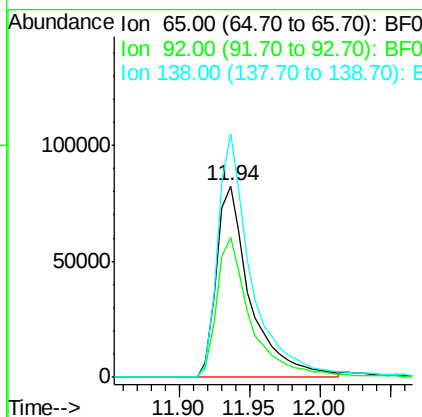
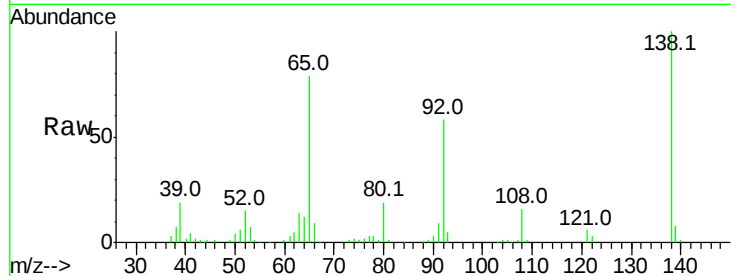




#47
2-Nitroaniline
Concen: 56.18 ng
RT: 11.94 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

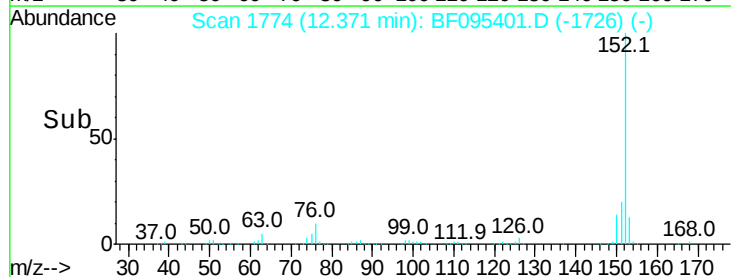
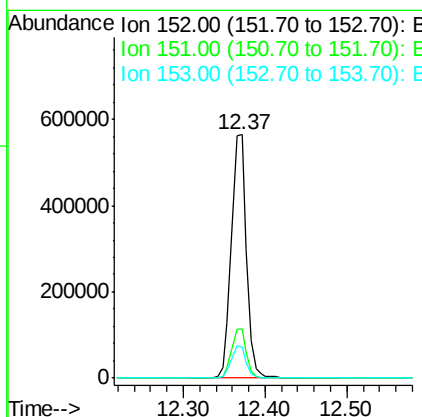
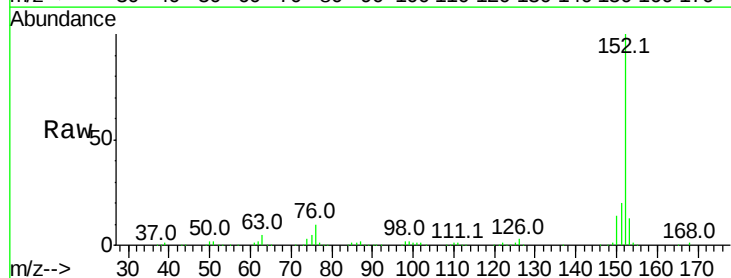
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 138270
Ion Ratio Lower Upper
65 100
92 73.2 53.9 80.9
138 127.2 78.8 118.2#



#48
Acenaphthylene
Concen: 51.99 ng
RT: 12.37 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion:152 Resp: 732205
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 64.26 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

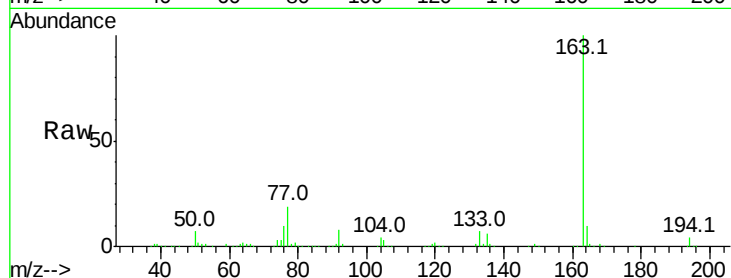
Tot Ion:163 Resp: 697799

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

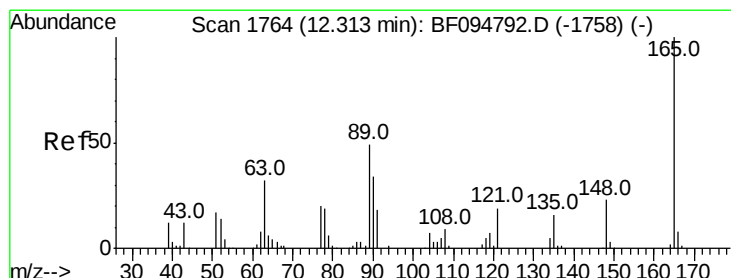
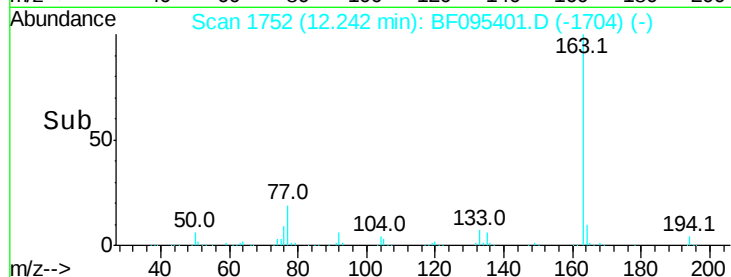
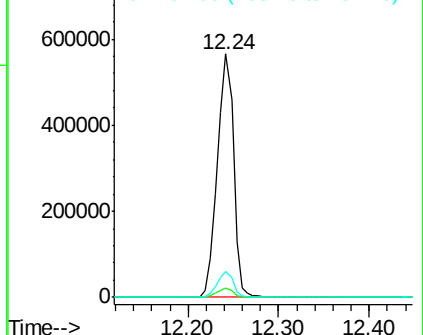
164 10.5 8.4 12.6



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: 44.55 ng

RT: 12.34 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

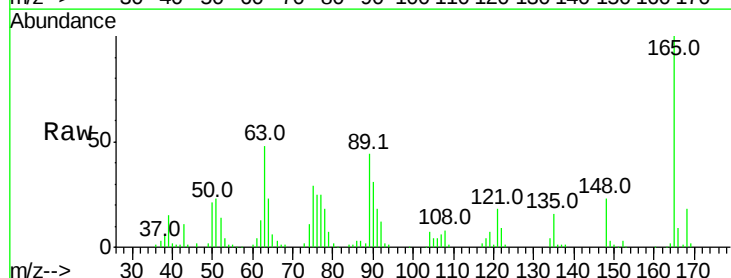
Tgt Ion:165 Resp: 98692

Ion Ratio Lower Upper

165 100

63 47.7 34.3 51.5

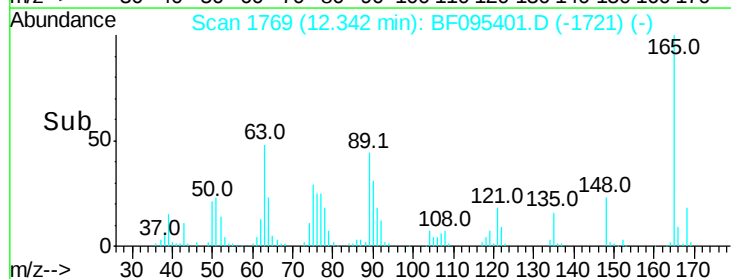
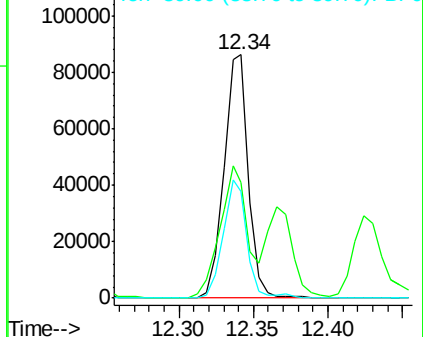
89 43.9 37.1 55.7

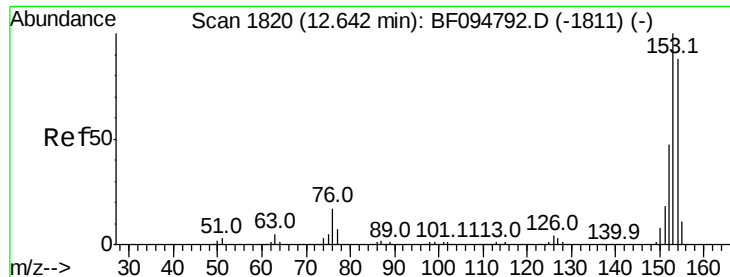


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 51.44 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampled :

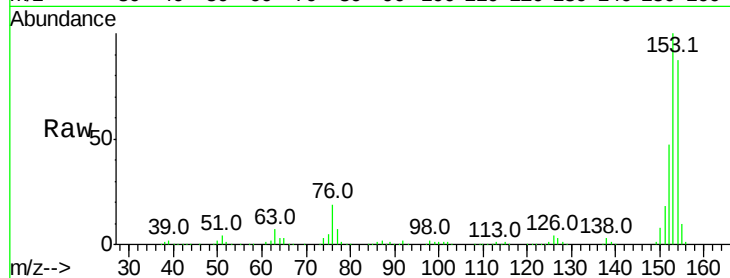
Tot Ion:154 Resp: 432761

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

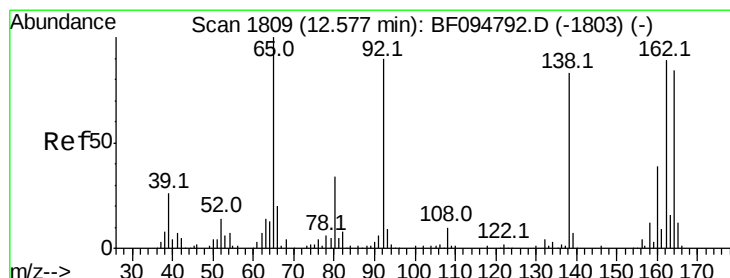
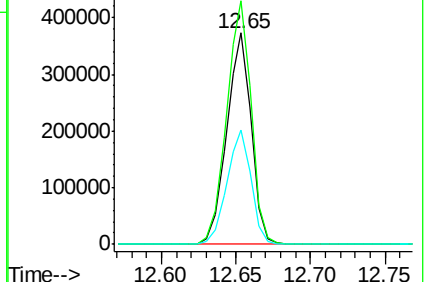
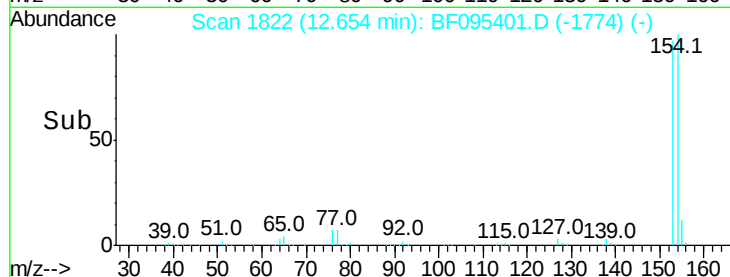
152 54.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 54.18 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

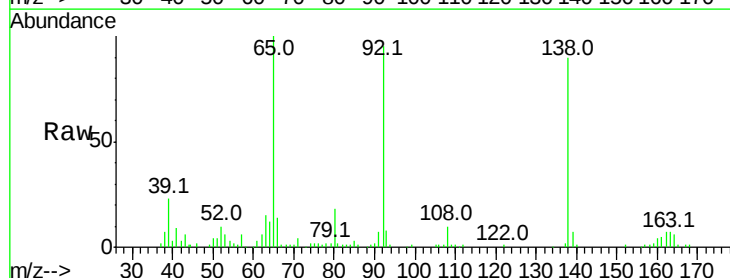
Tgt Ion:138 Resp: 128829

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

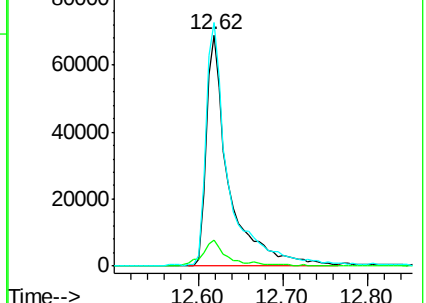
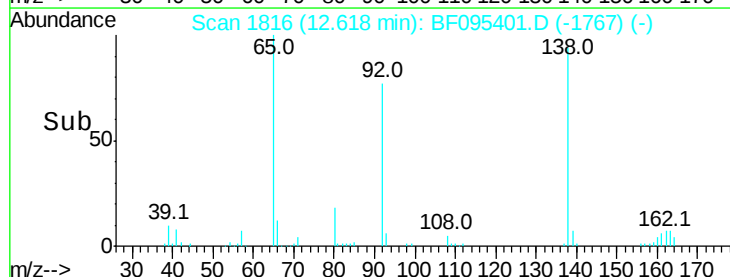
92 105.4 93.8 140.6

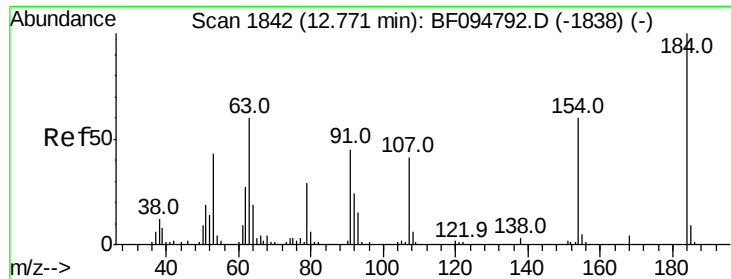


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

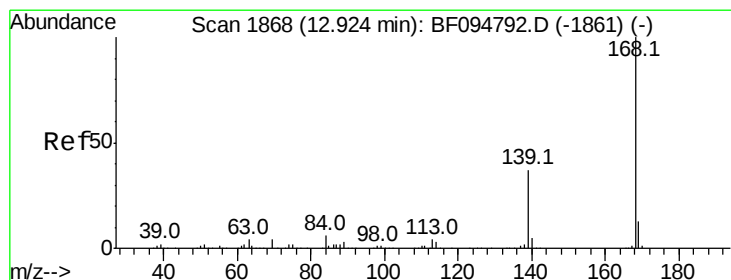
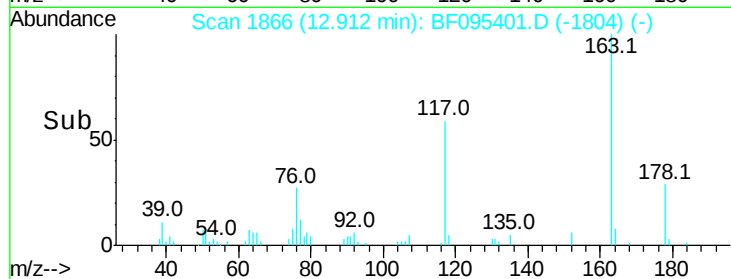
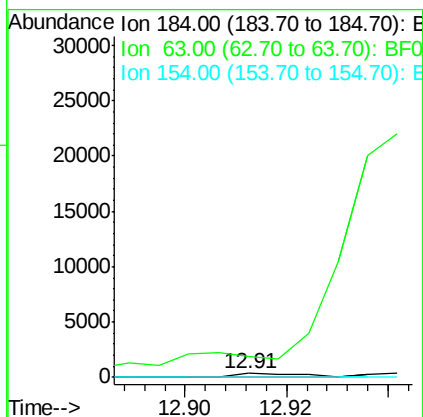
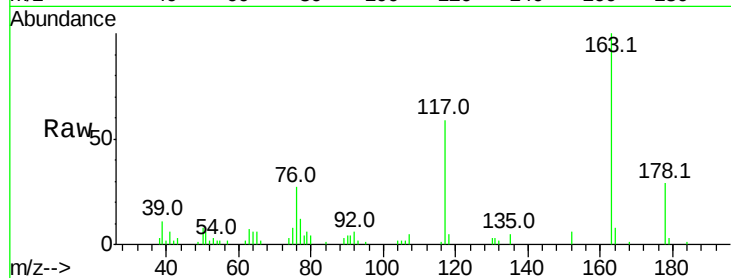




#53
 2,4-Dinitrophenol
 Concen: 6.52 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. 0.06 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

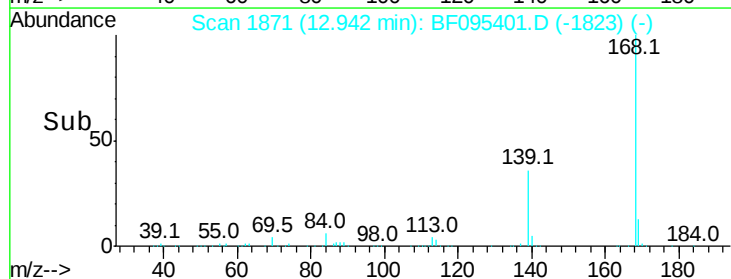
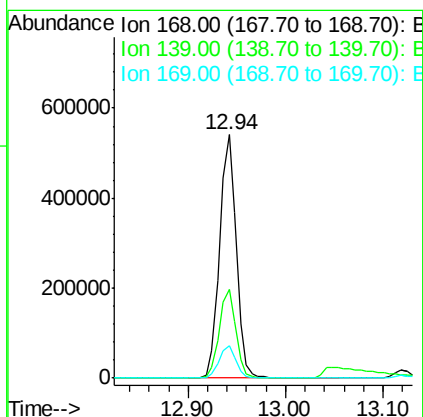
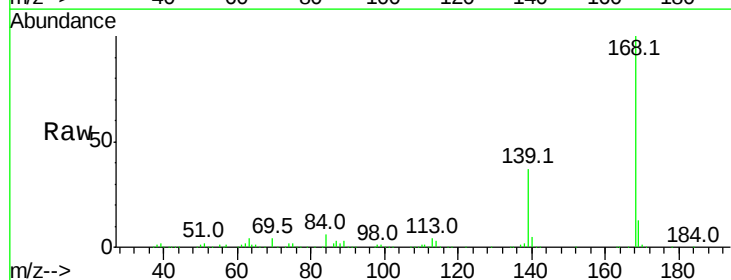
Instrument :
 BNA_F
 ClientSampled :

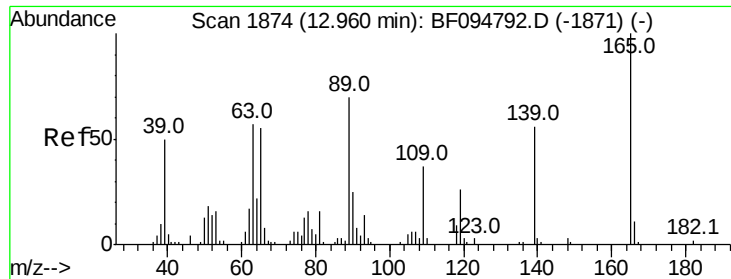
Tot Ion:184 Resp: 358
 Ion Ratio Lower Upper
 184 100
 63 501.6 62.7 94.1#
 154 0.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 55.27 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion:168 Resp: 643410
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.6 45.8
 169 13.3 10.8 16.2

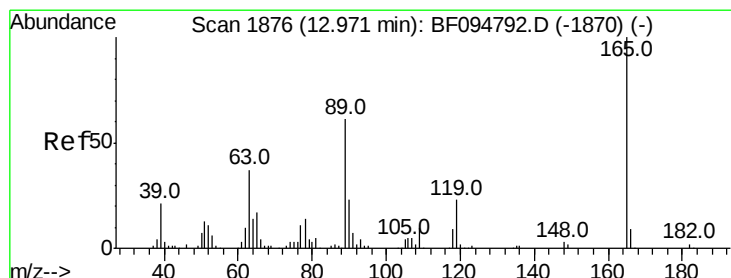
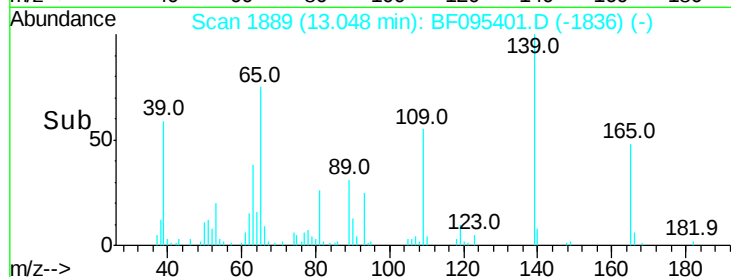
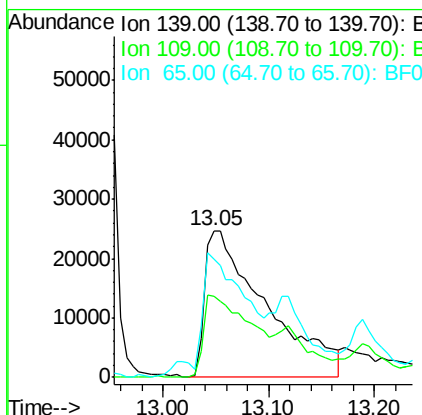
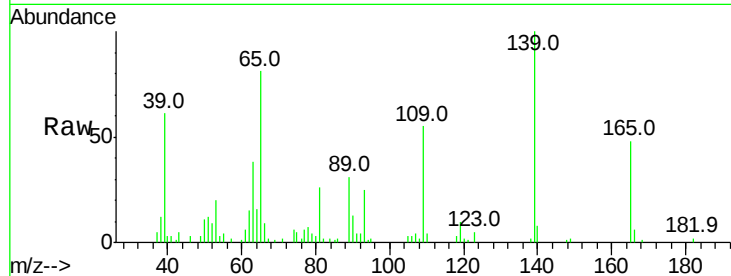




#55
4-Nitrophenol
Concen: 69.43 ng
RT: 13.05 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

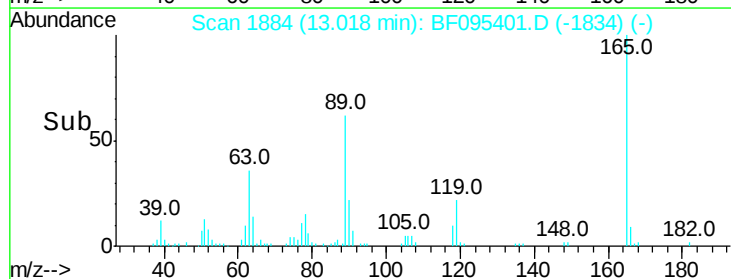
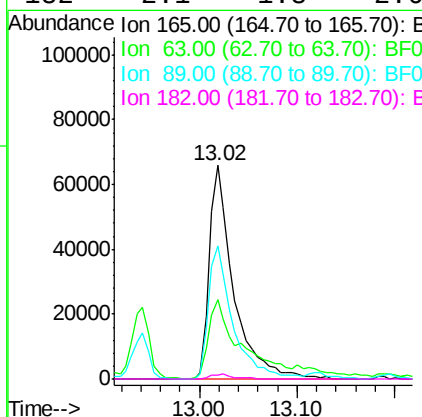
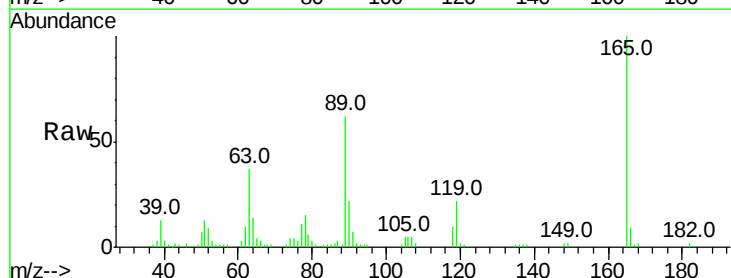
Instrument :
BNA_F
ClientSampleId :

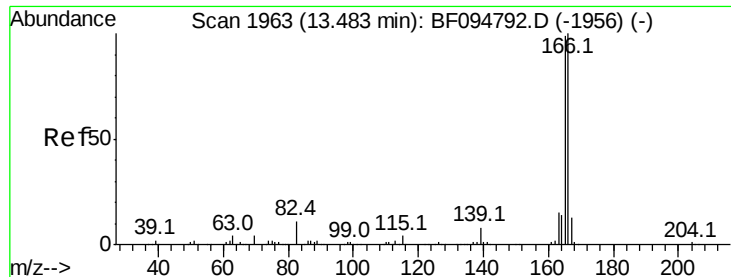
Tot Ion:139 Resp: 99155
Ion Ratio Lower Upper
139 100
109 55.4 34.1 74.1
65 80.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 39.77 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion:165 Resp: 113210
Ion Ratio Lower Upper
165 100
63 37.0 25.4 38.0
89 62.4 46.4 69.6
182 2.1 1.8 2.6

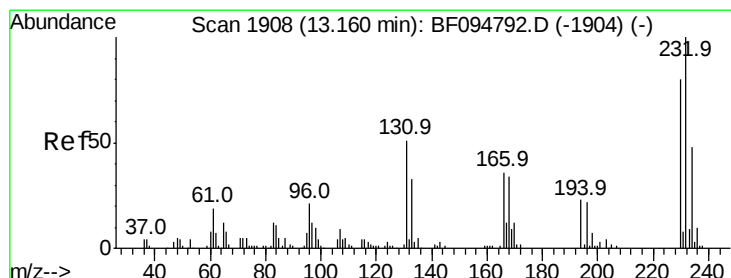
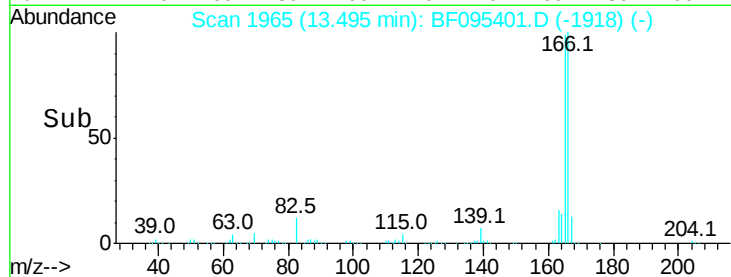
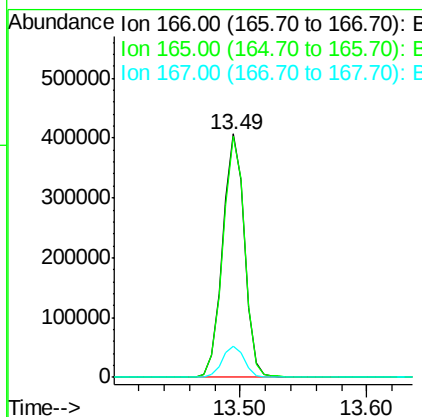
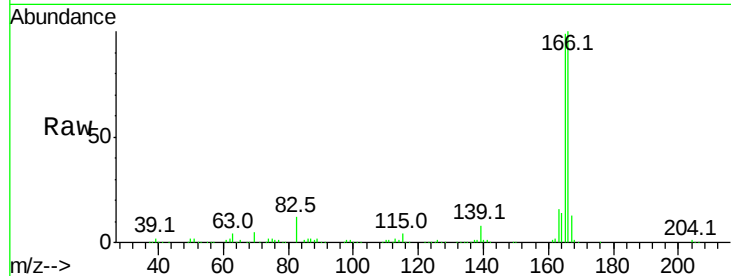




#57
 Fluorene
 Concen: 47.79 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

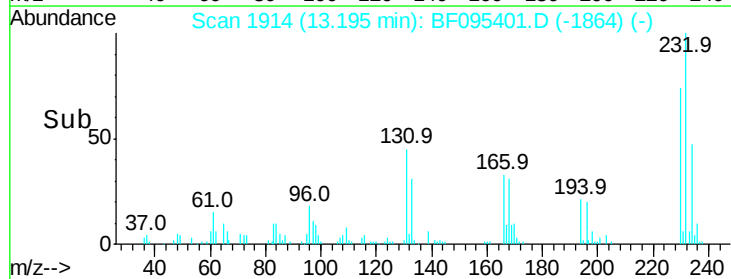
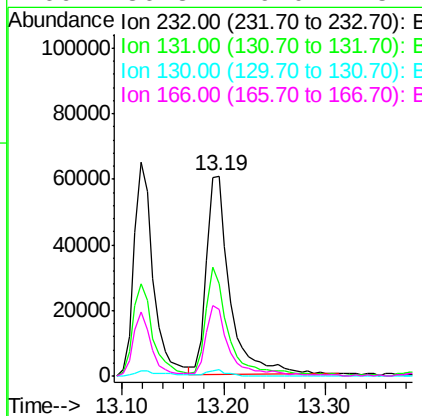
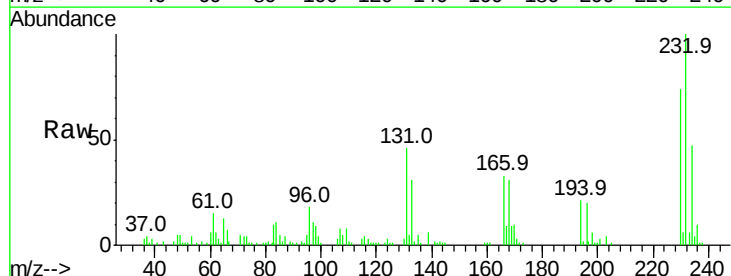
Instrument :
 BNA_F
 ClientSampleId :

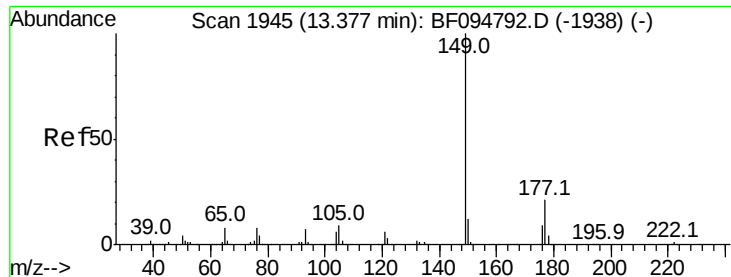
Tot Ion:166 Resp: 483773
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.38 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion:232 Resp: 98053
 Ion Ratio Lower Upper
 232 100
 131 50.9 44.8 67.2
 130 2.5 2.3 3.5
 166 36.3 29.0 43.4

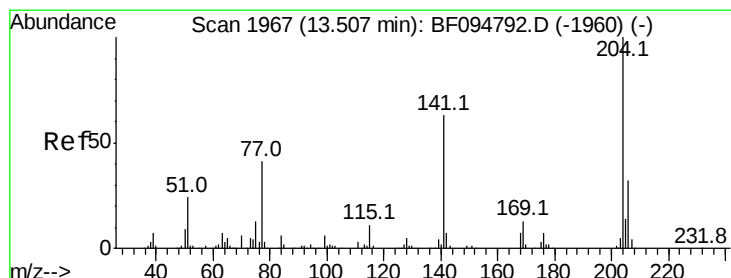
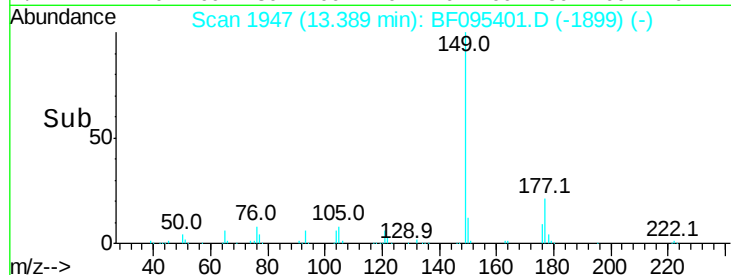
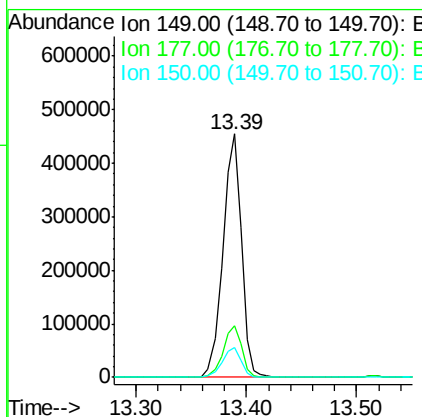
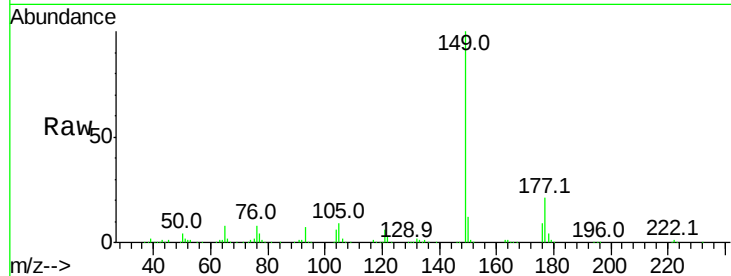




#59
Diethylphthalate
Concen: 51.08 ng
RT: 13.39 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

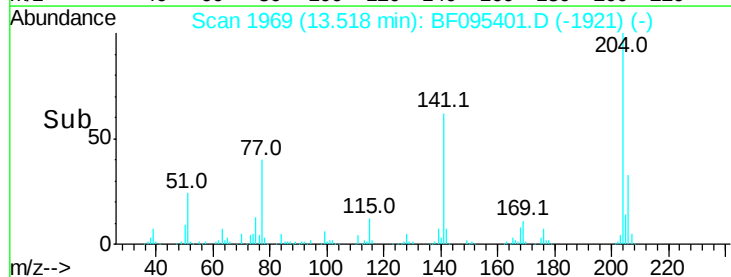
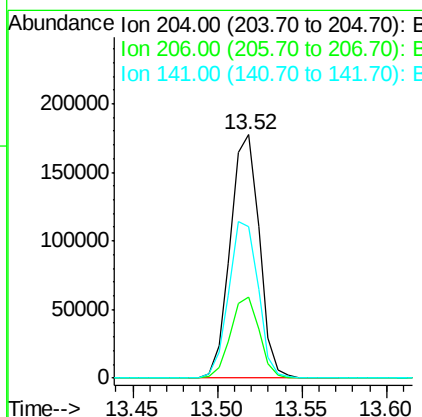
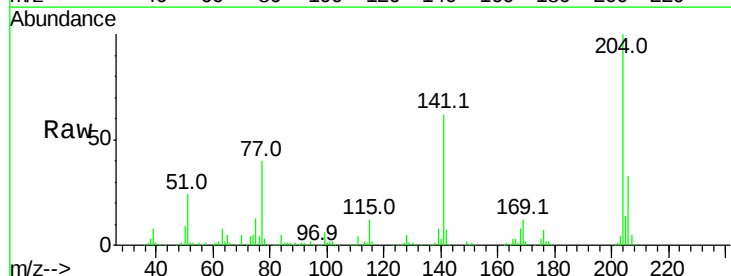
Instrument :
BNA_F
ClientSampleId :

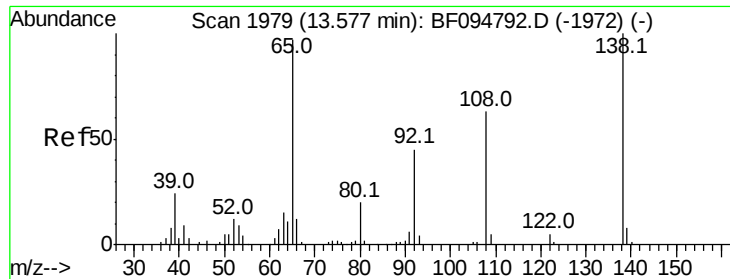
Tot Ion:149 Resp: 531648
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.81 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion:204 Resp: 212679
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 62.2 60.8 91.2

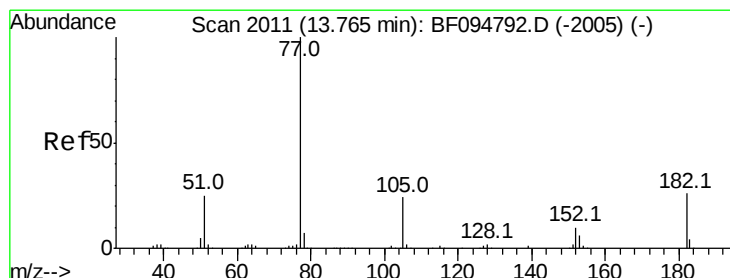
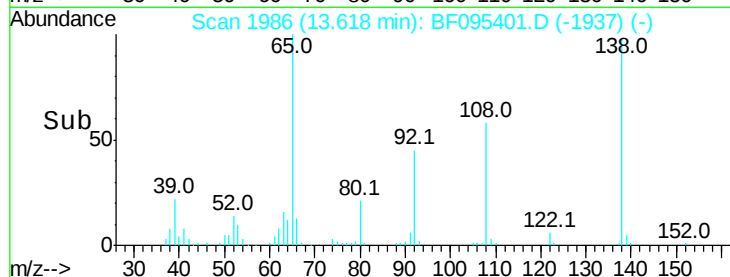
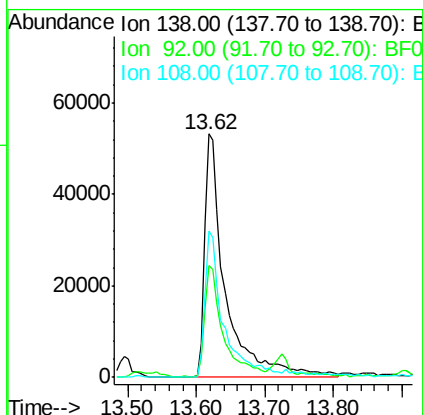
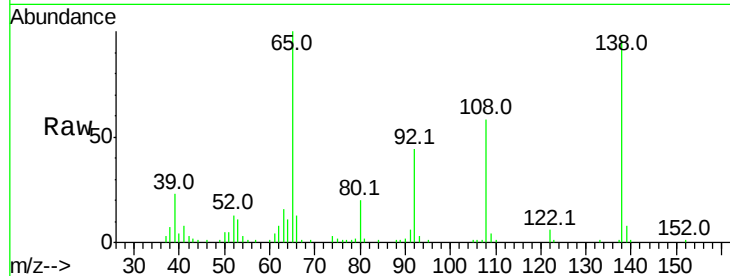




#61
4-Nitroaniline
Concen: 52.53 ng
RT: 13.62 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

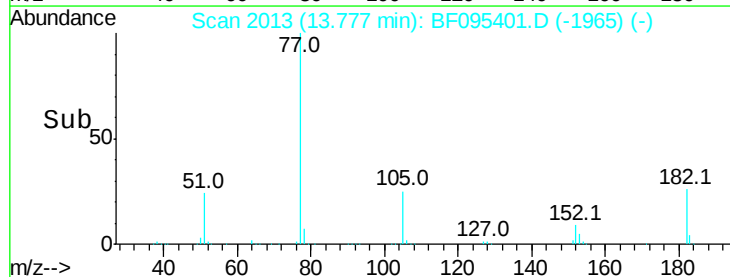
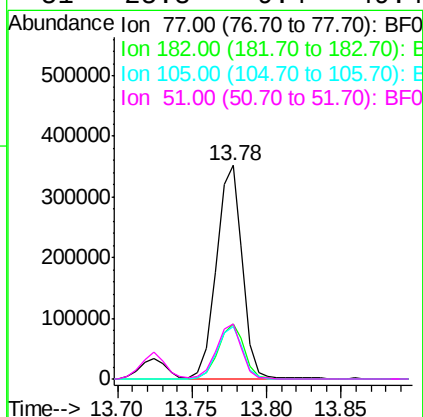
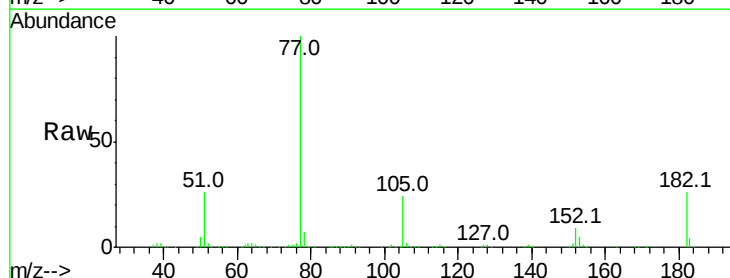
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 114663
Ion Ratio Lower Upper
138 100
92 45.7 21.8 61.8
108 60.3 42.3 82.3



#62
Azobenzene
Concen: 50.69 ng
RT: 13.78 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion: 77 Resp: 423920
Ion Ratio Lower Upper
77 100
182 25.8 0.1 40.1
105 24.4 3.6 43.6
51 25.8 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

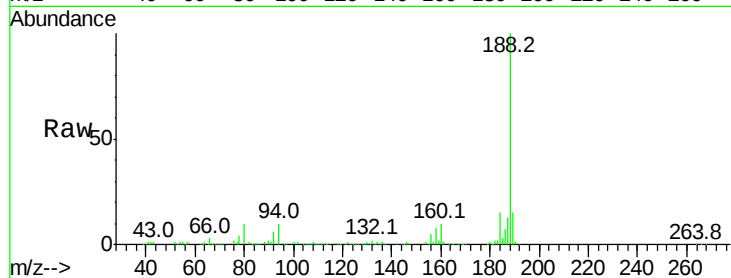
Tot Ion:188 Resp: 194630

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

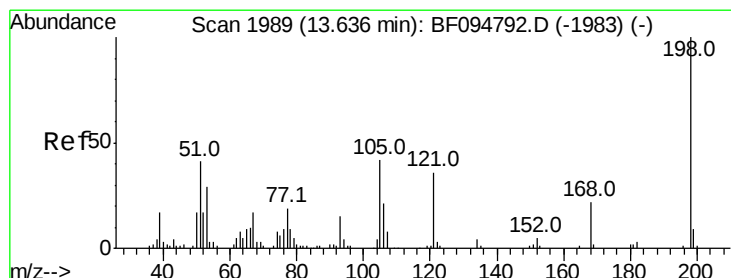
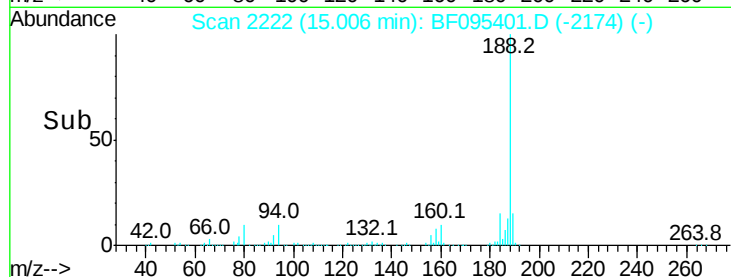
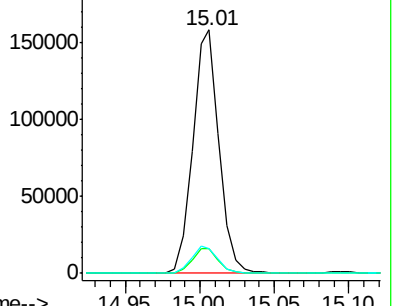
80 10.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 2.22 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

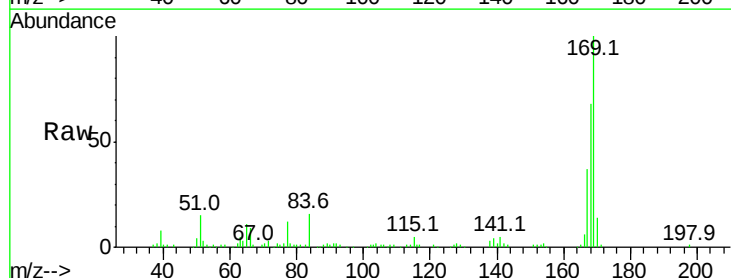
Tgt Ion:198 Resp: 2902

Ion Ratio Lower Upper

198 100

51 1045.7 53.2 93.2#

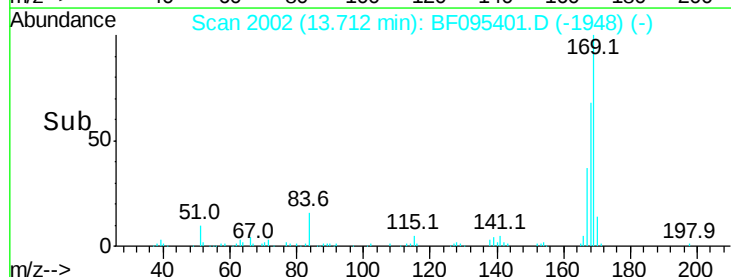
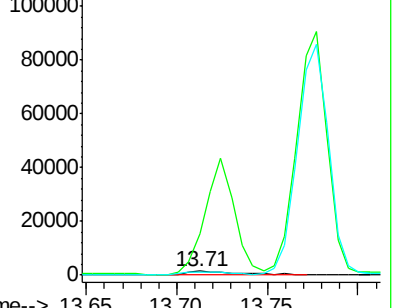
105 69.5 45.8 85.8

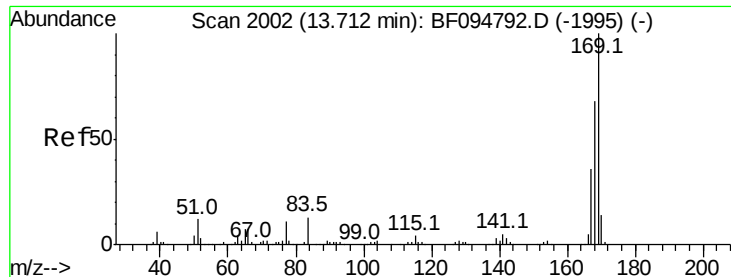


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 57.74 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

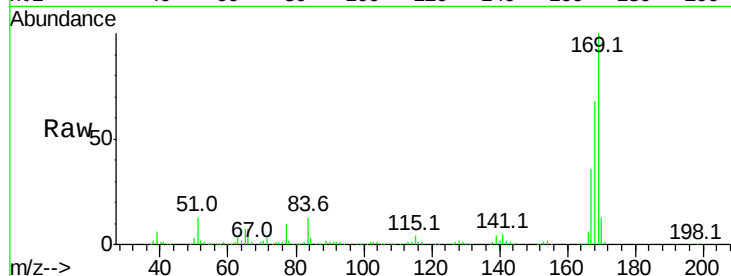
Tot Ion:169 Resp: 407893

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

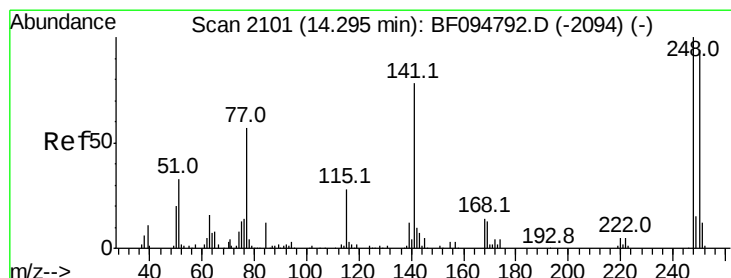
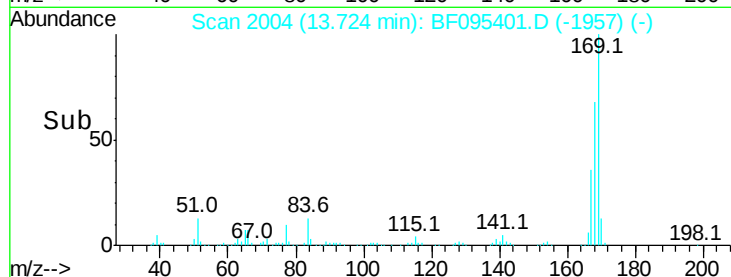
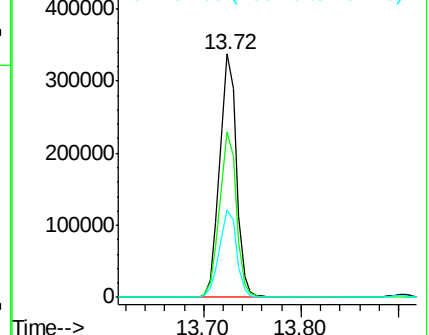
167 36.1 29.5 44.3



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: 56.05 ng

RT: 14.31 min Scan# 2103

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

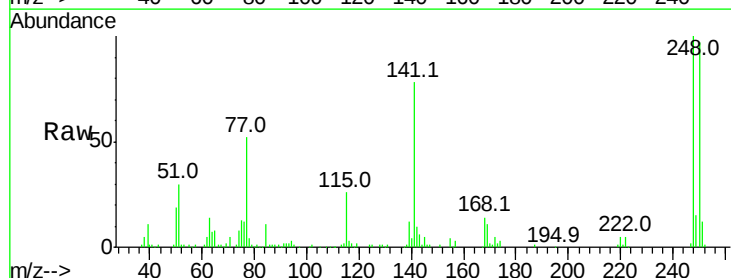
Tgt Ion:248 Resp: 115248

Ion Ratio Lower Upper

248 100

250 97.4 76.8 115.2

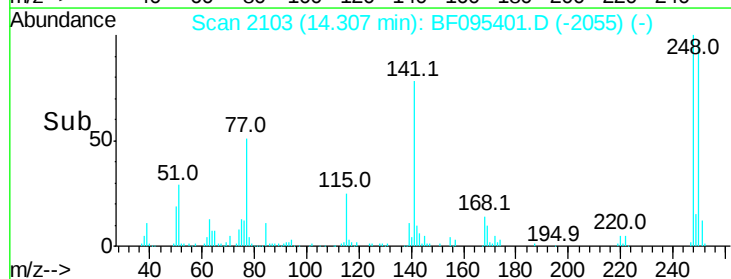
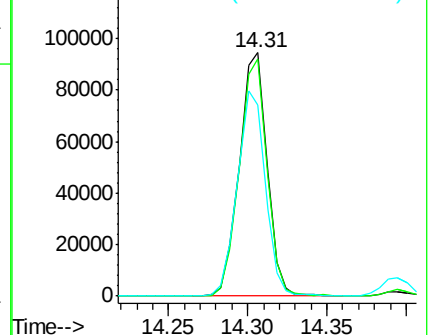
141 78.4 68.6 103.0

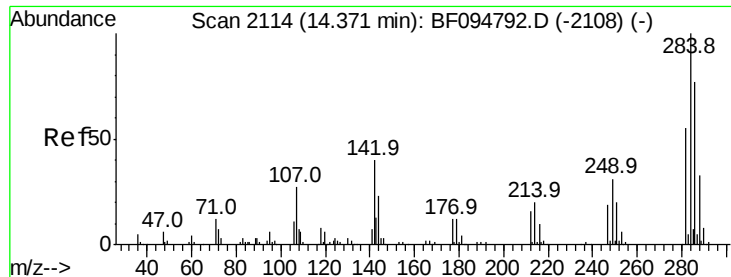


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

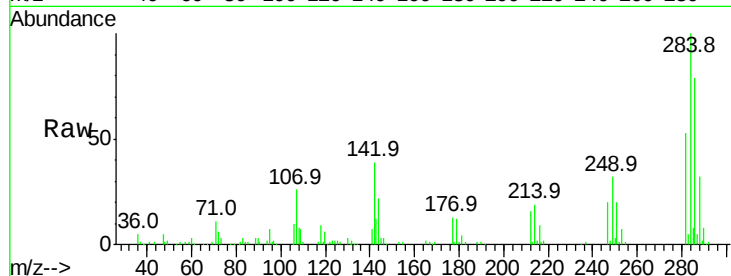




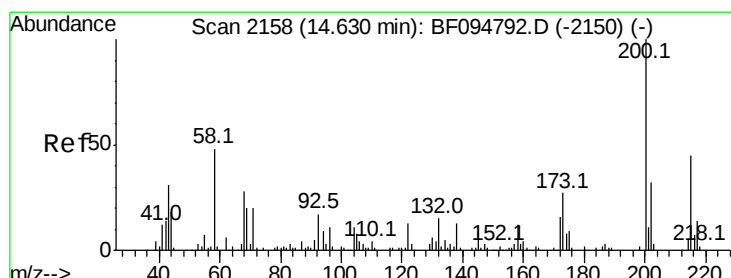
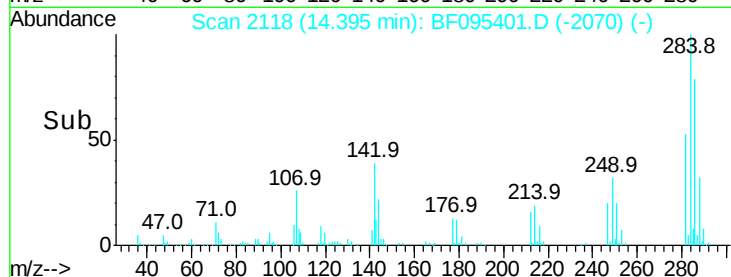
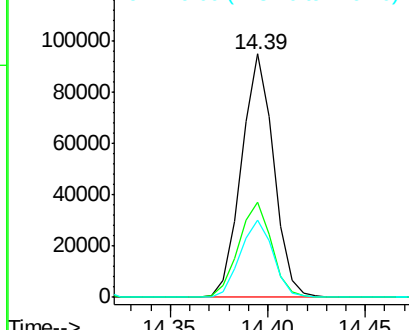
#67
Hexachlorobenzene
Concen: 51.45 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 108426
Ion Ratio Lower Upper
284 100
142 39.1 22.8 34.2#
249 31.6 24.0 36.0

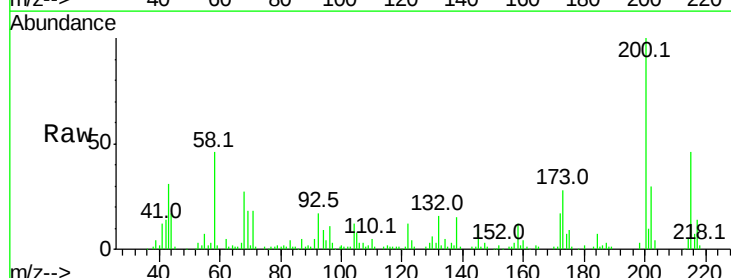


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

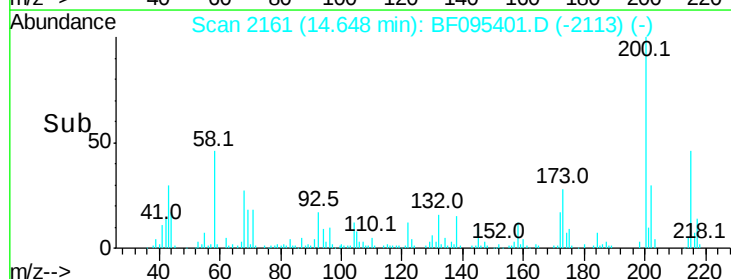
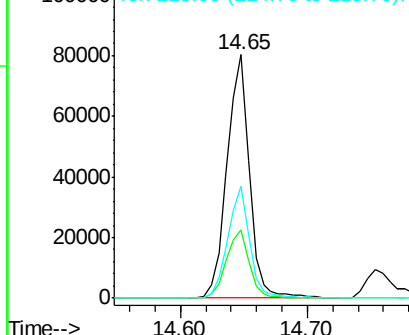


#68
Atrazine
Concen: 49.19 ng
RT: 14.65 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion:200 Resp: 98115
Ion Ratio Lower Upper
200 100
173 28.2 6.3 46.3
215 46.2 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

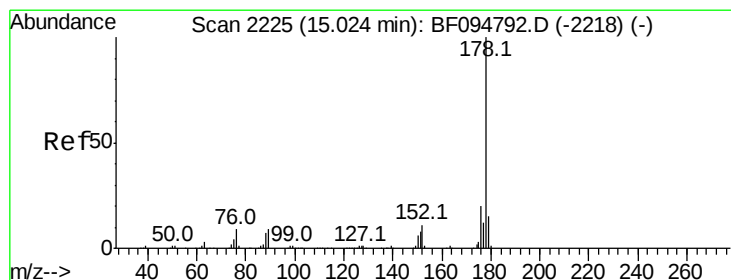
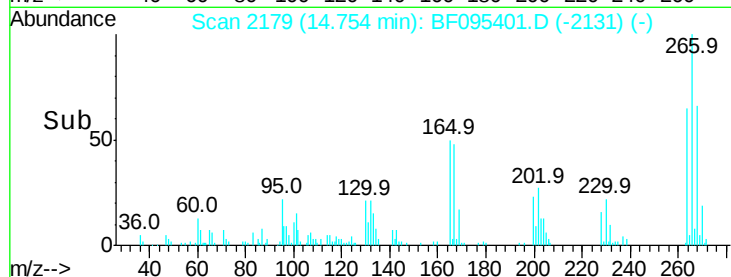
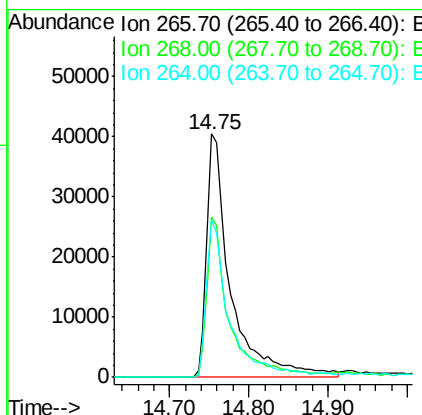
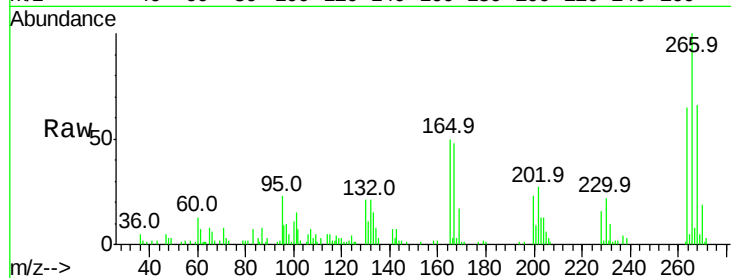




#69
 Pentachlorophenol
 Concen: 89.12 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

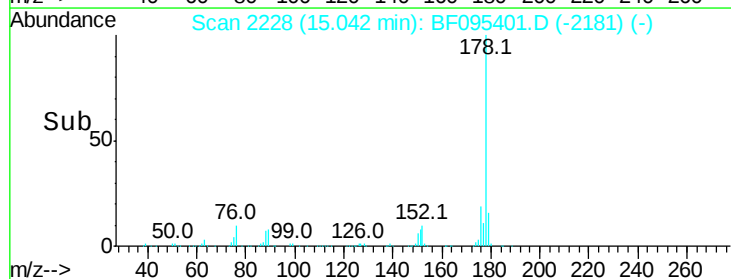
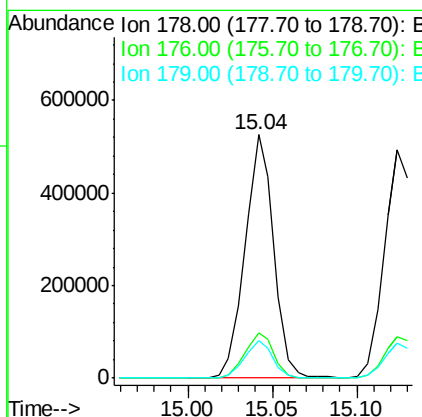
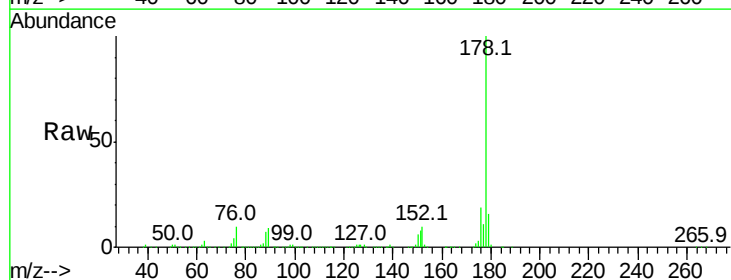
Instrument :
 BNA_F
 ClientSampleId :

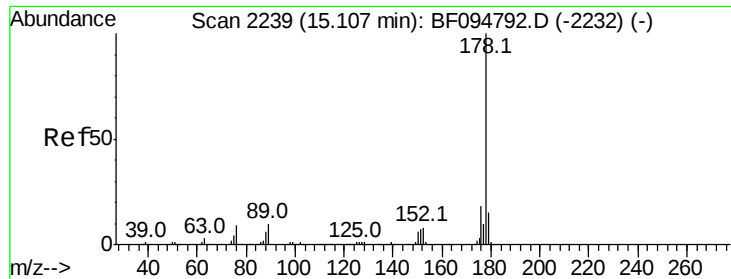
Tot Ion:266 Resp: 85600
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.1 76.7
 264 64.7 51.7 77.5



#70
 Phenanthrene
 Concen: 55.54 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion:178 Resp: 621105
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 15.6 12.6 19.0

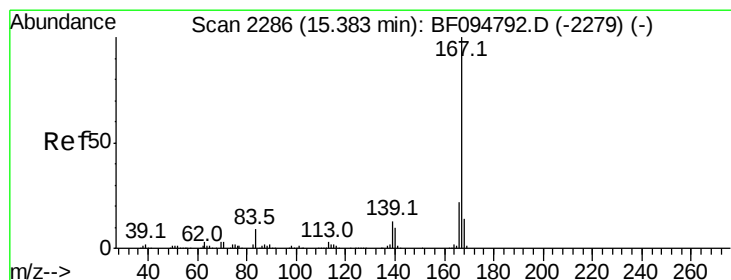
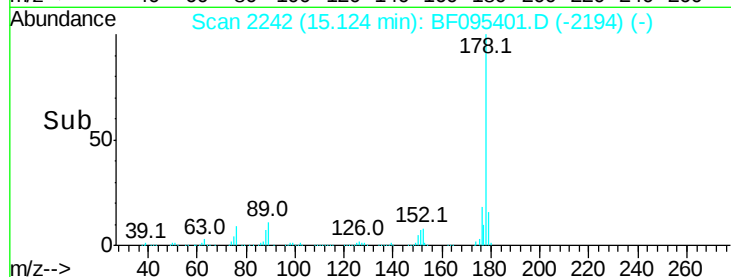
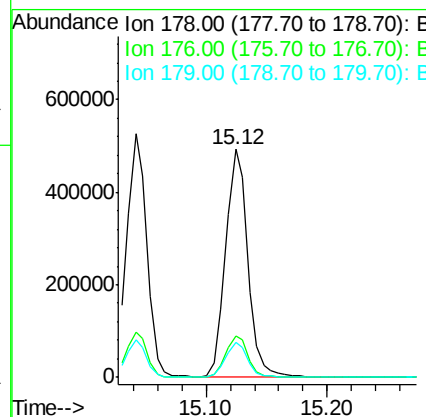
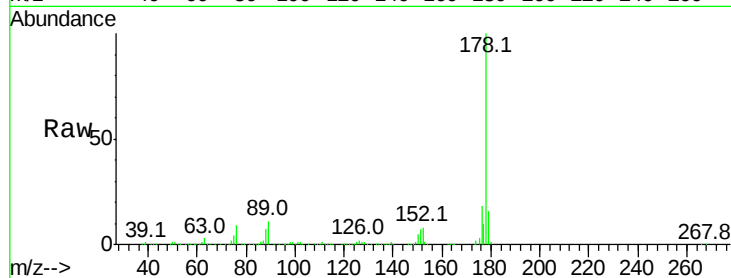




#71
 Anthracene
 Concen: 54.68 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

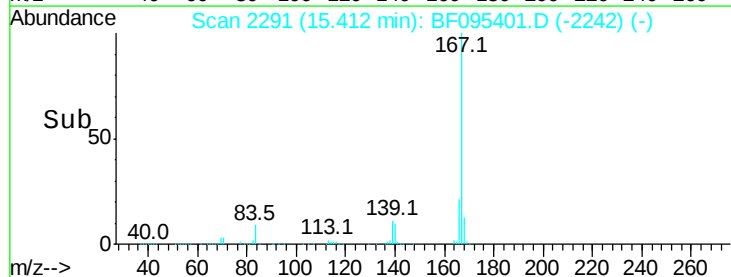
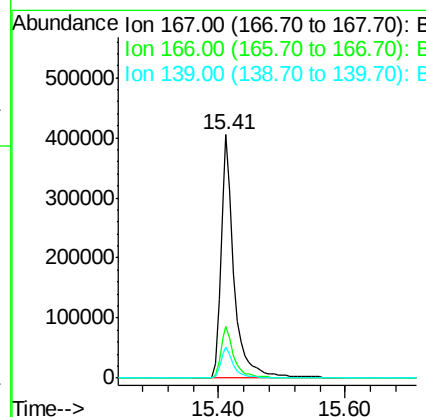
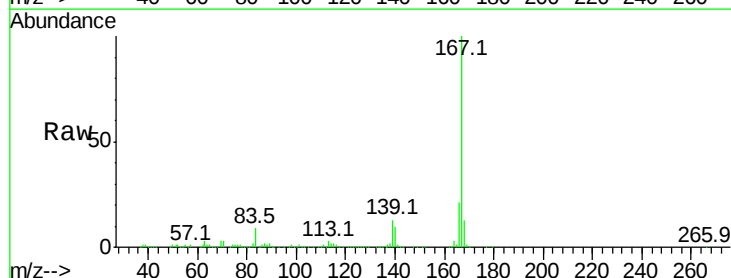
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 624621
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 57.68 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion:167 Resp: 599479
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 55.74 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

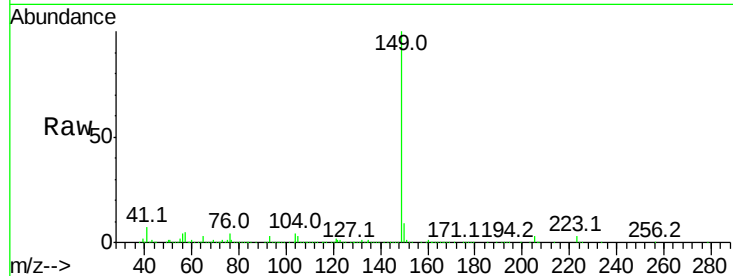
Tot Ion:149 Resp: 722472

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

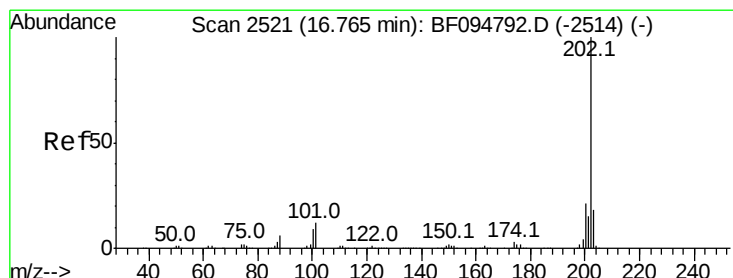
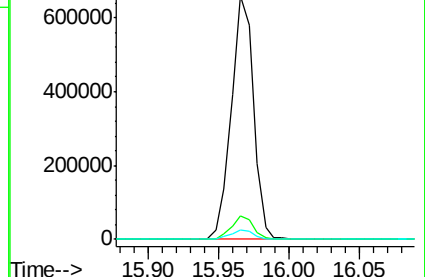
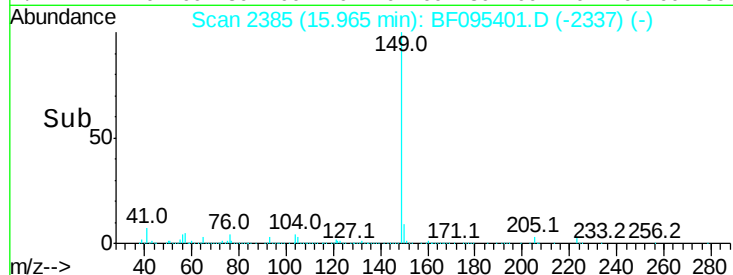
104 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 58.46 ng

RT: 16.79 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

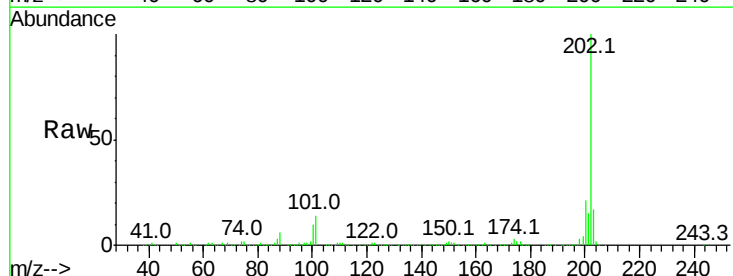
Tgt Ion:202 Resp: 670578

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

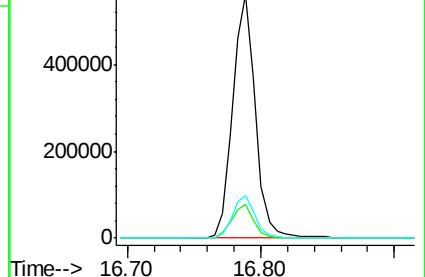
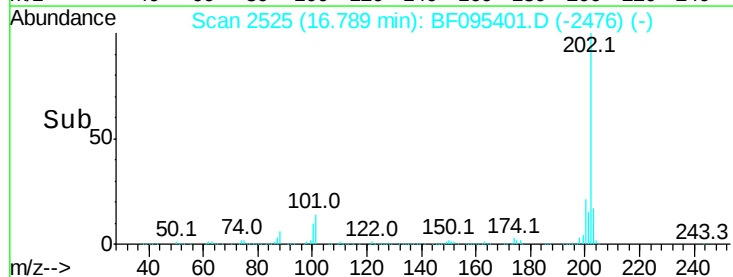
203 17.4 0.0 38.1

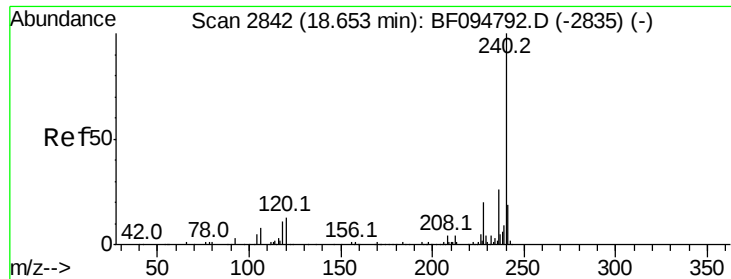


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampled :

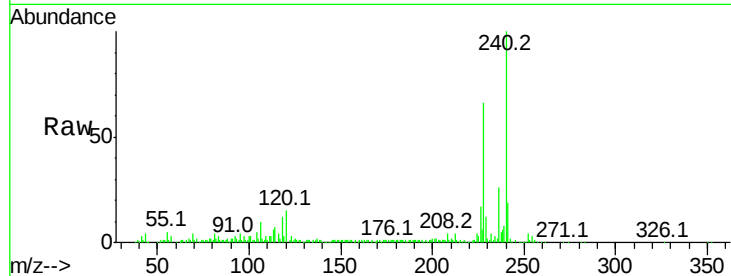
Tot Ion:240 Resp: 173308

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

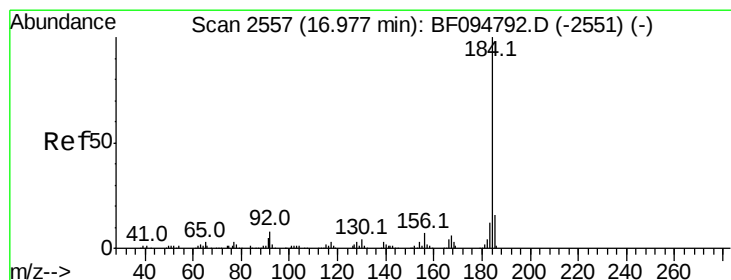
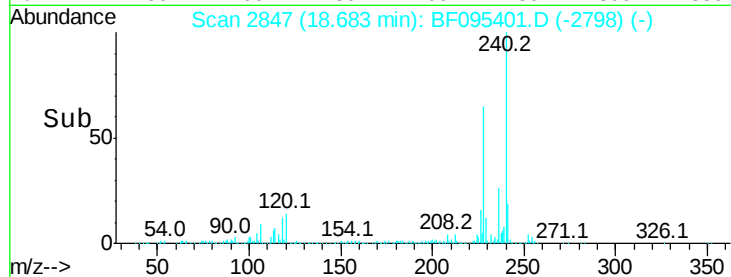
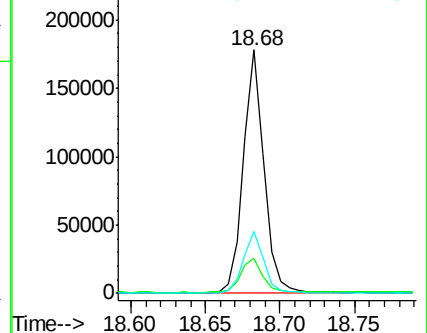
236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.82 ng

RT: 17.02 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

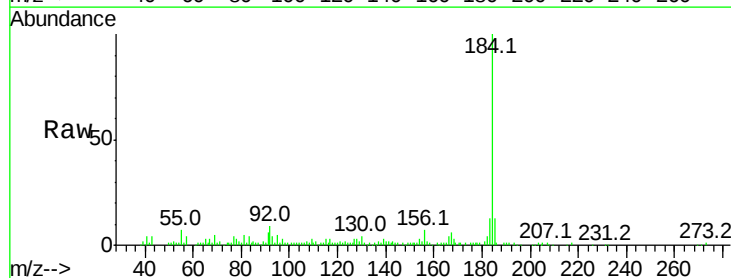
Tgt Ion:184 Resp: 185955

Ion Ratio Lower Upper

184 100

185 13.1 15.5 23.3#

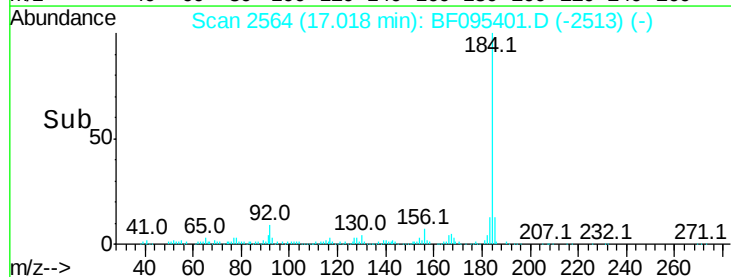
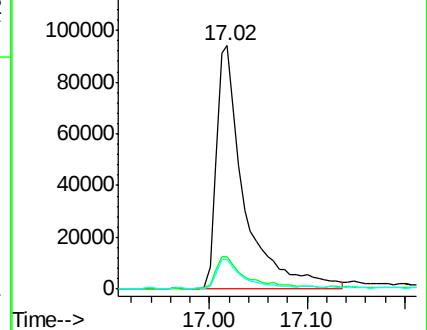
183 12.5 9.8 14.6

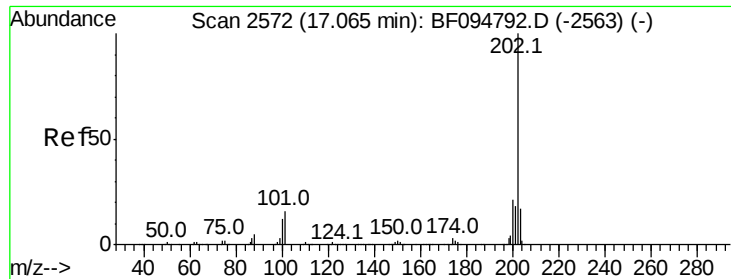


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 53.20 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

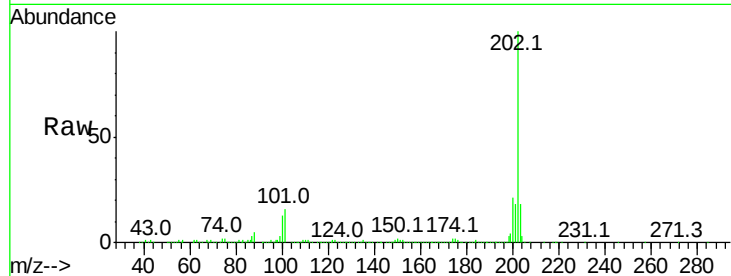
Tot Ion:202 Resp: 689589

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

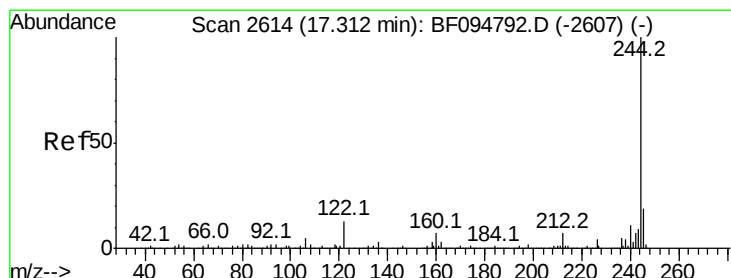
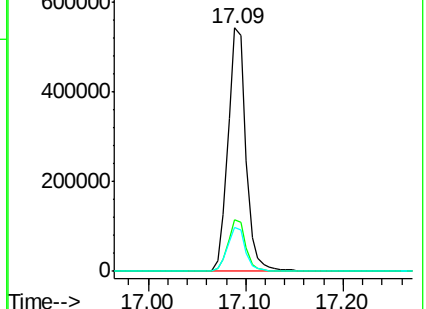
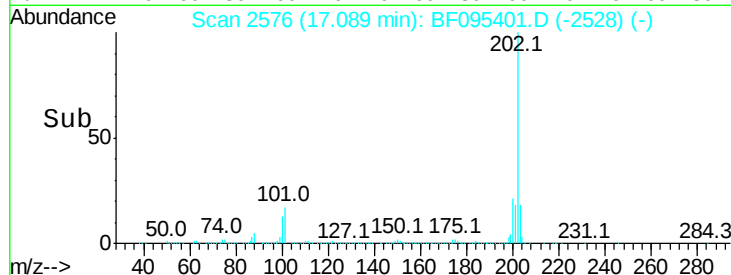
203 18.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.49 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

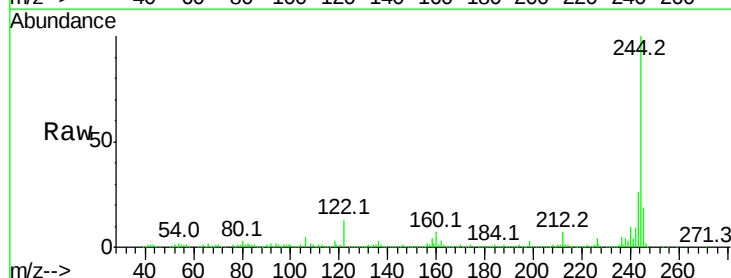
Tgt Ion:244 Resp: 727789

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

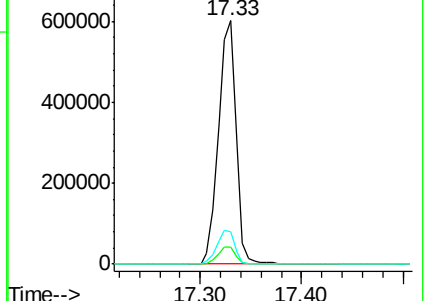
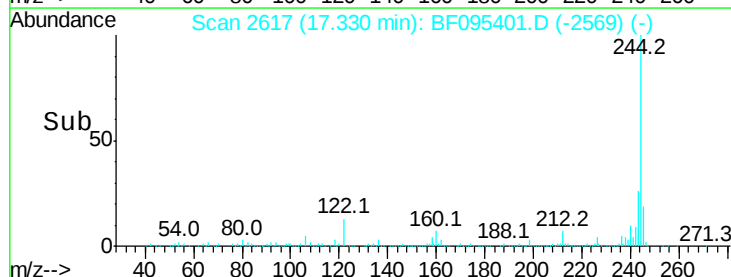
122 13.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.13 ng

RT: 17.99 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

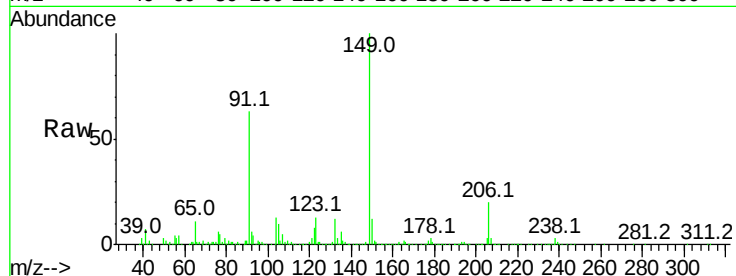
Tot Ion:149 Resp: 320328

Ion Ratio Lower Upper

149 100

91 63.3 45.0 67.4

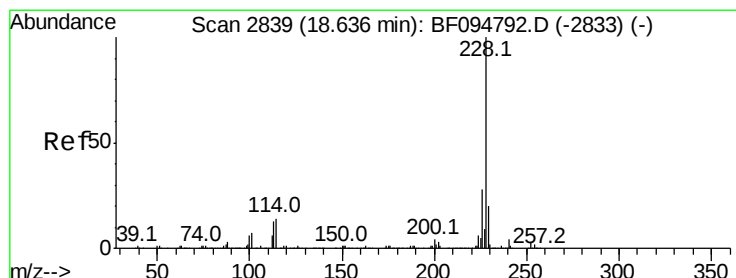
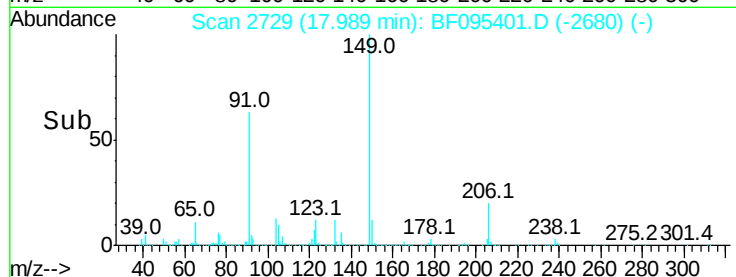
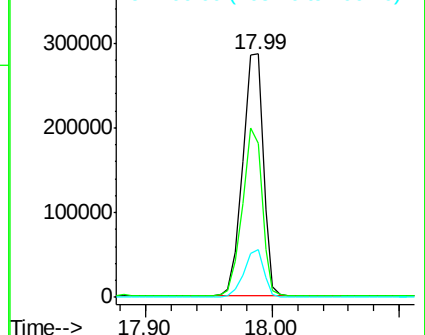
206 19.7 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 53.60 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

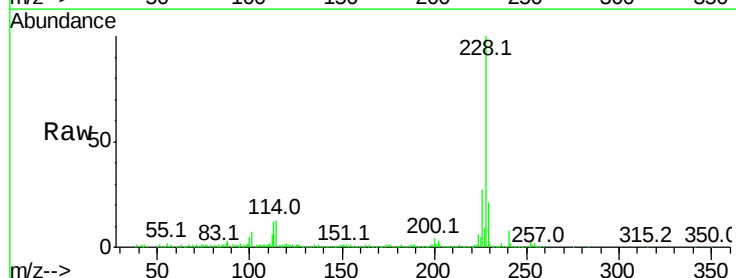
Tgt Ion:228 Resp: 540634

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

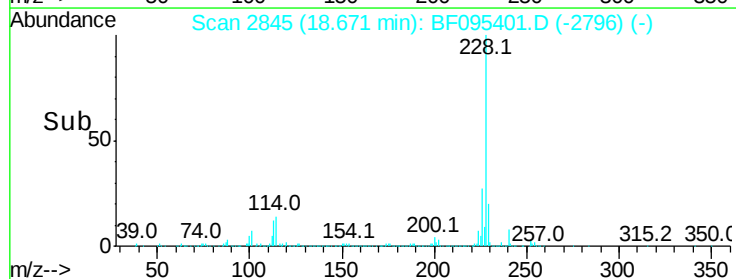
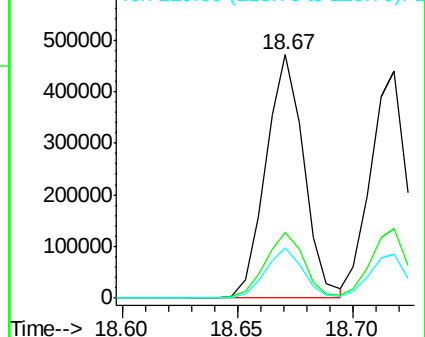
229 20.5 16.3 24.5

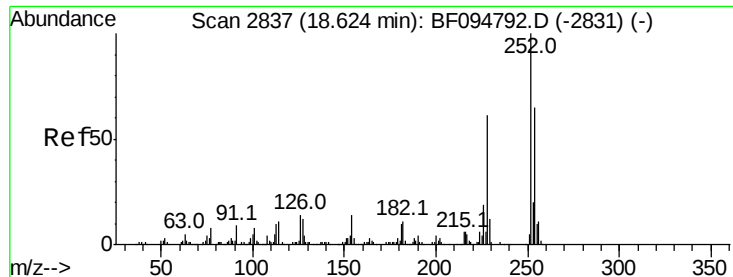


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

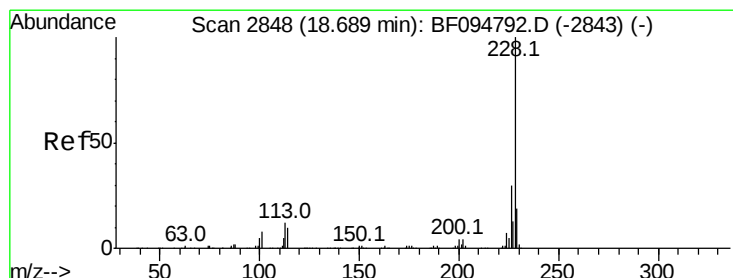
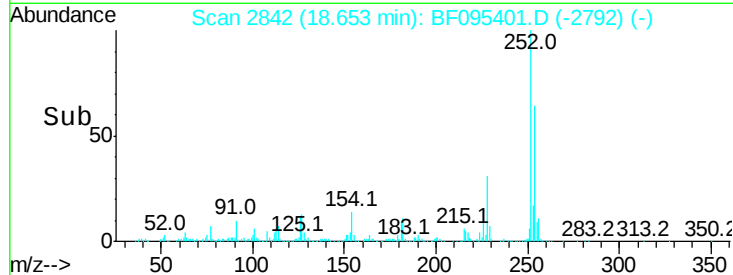
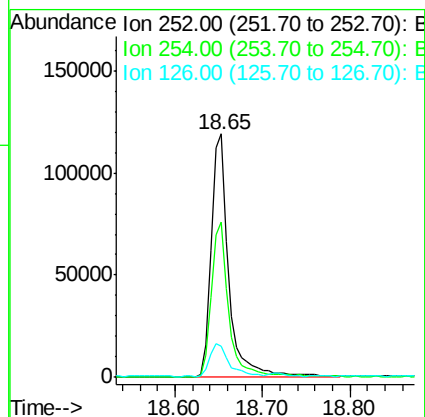
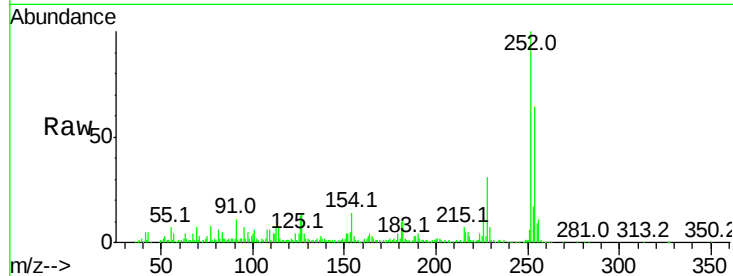




#81
 3,3'-Dichlorobenzidine
 Concen: 48.12 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

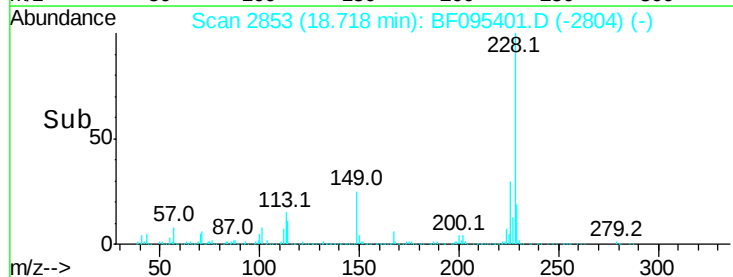
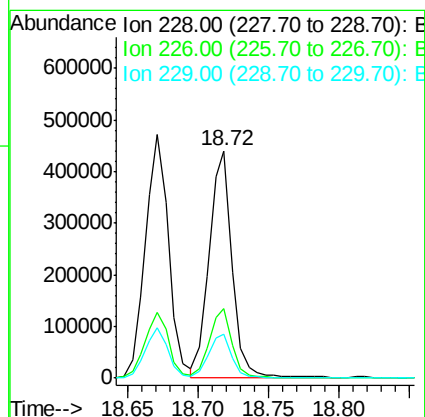
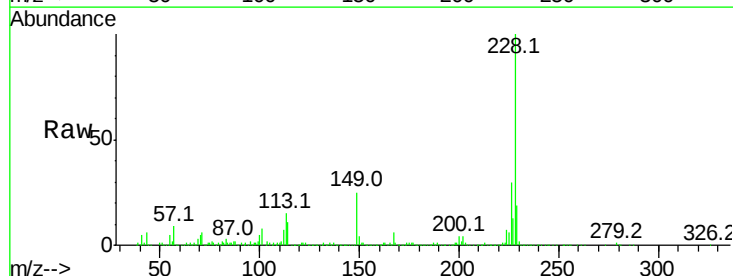
Instrument :
 BNA_F
 ClientSampleId :

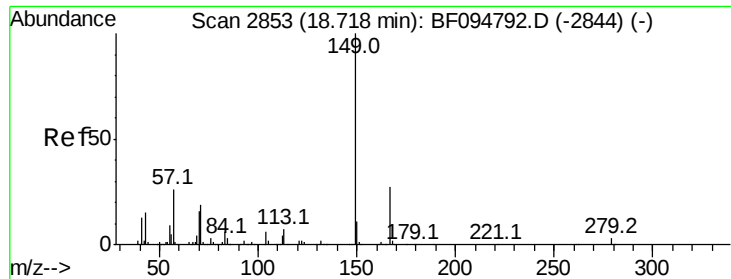
Tot Ion:252 Resp: 167637
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.5 77.3
 126 12.6 15.8 23.8#



#82
 Chrysene
 Concen: 50.35 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion:228 Resp: 491071
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.4 15.8 23.6

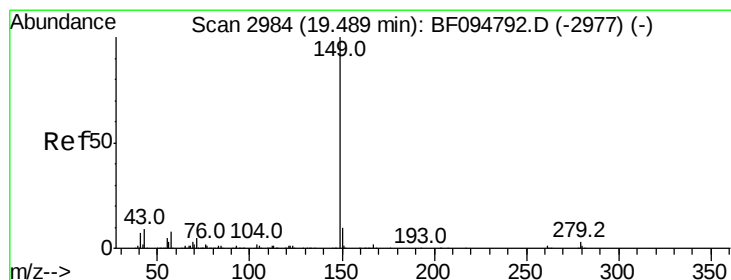
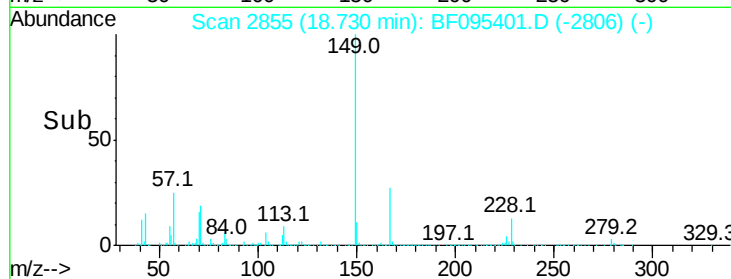
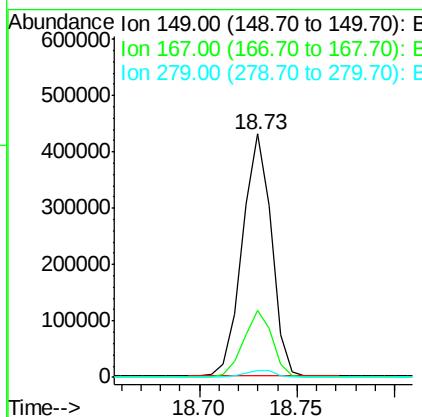
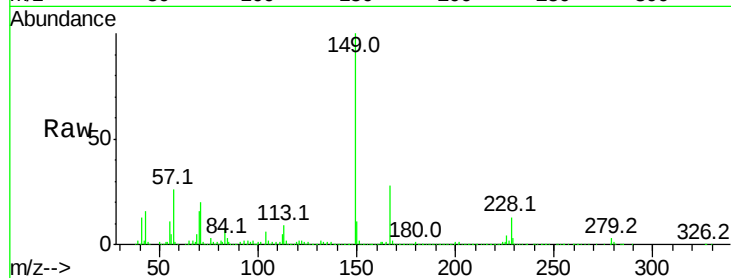




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.60 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

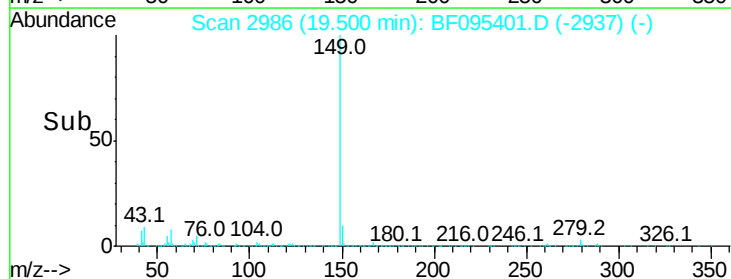
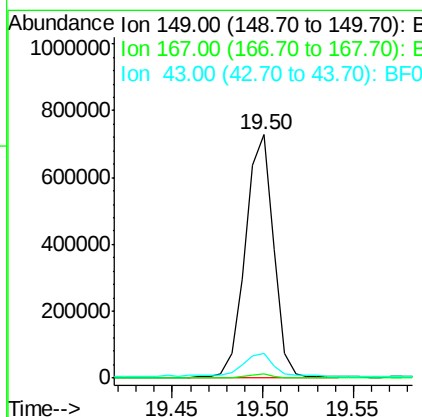
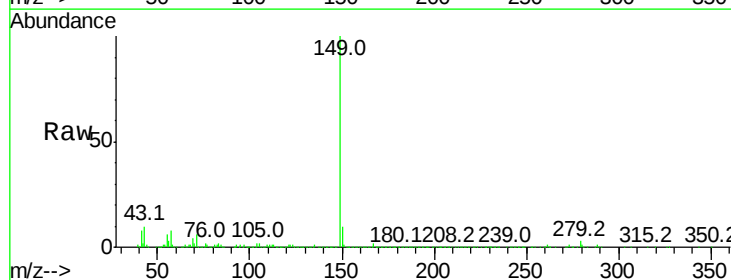
Instrument :
 BNA_F
 ClientSampleID :

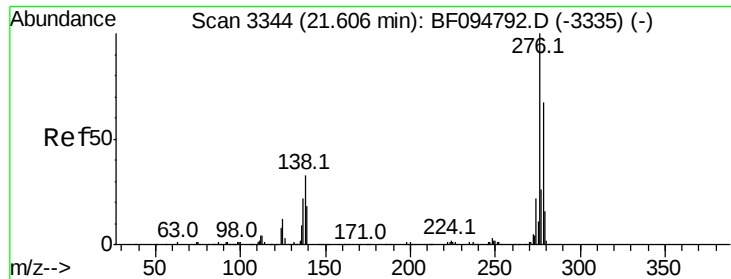
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.0	31.4
279	2.9	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 55.21 ng
 RT: 19.50 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.0	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.39 ng

RT: 21.69 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

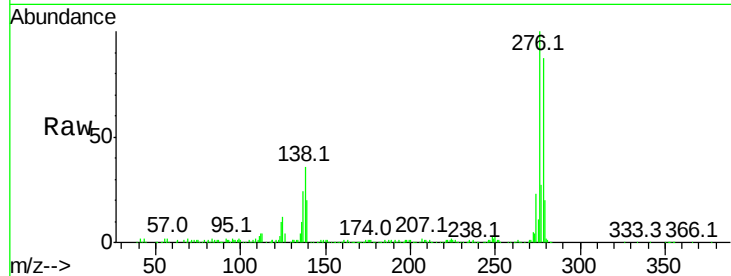
Tot Ion:276 Resp: 359484

Ion Ratio Lower Upper

276 100

138 34.4 27.8 41.6

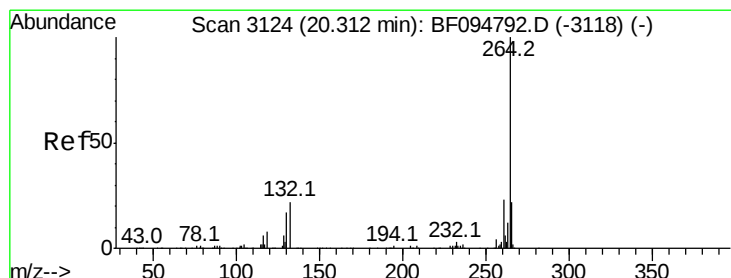
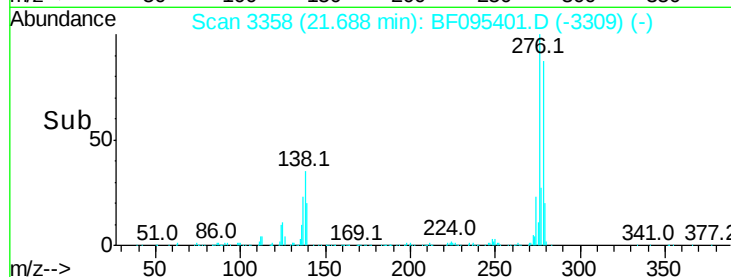
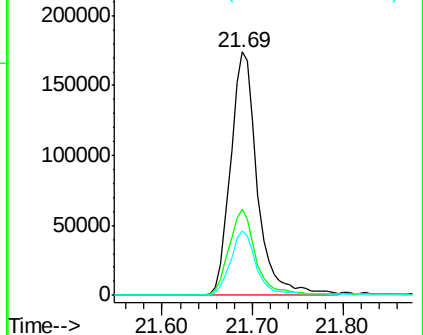
277 26.1 20.2 30.4



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: BF095401.D

Acq: 24 May 2017 21:39

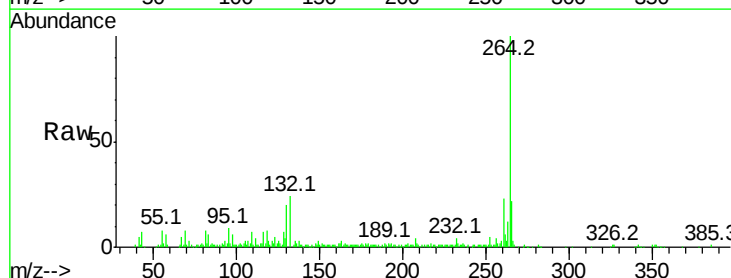
Tgt Ion:264 Resp: 120762

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

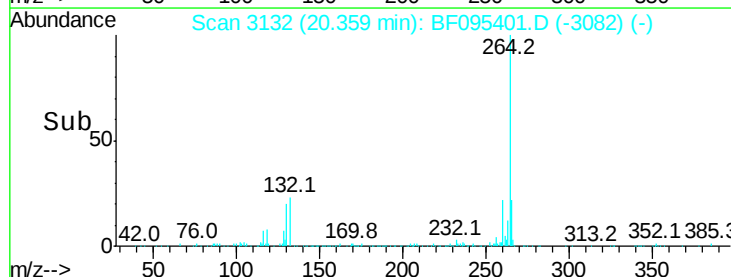
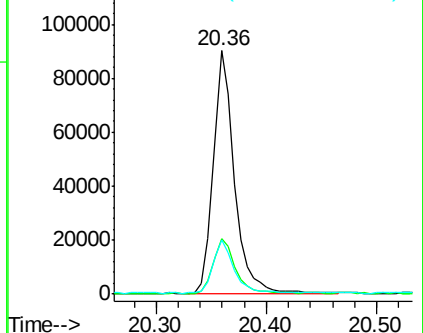
265 22.3 17.2 25.8

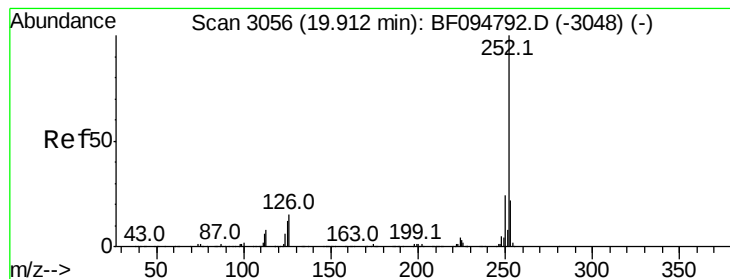


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 57.49 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

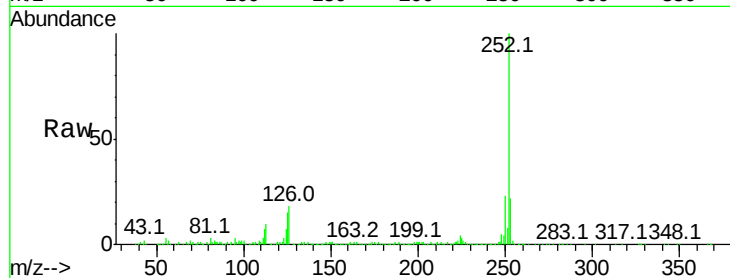
Tot Ion:252 Resp: 428961

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

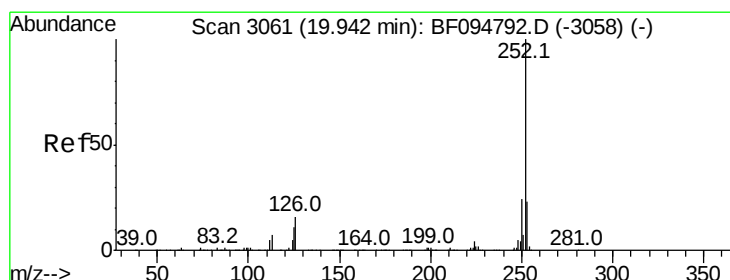
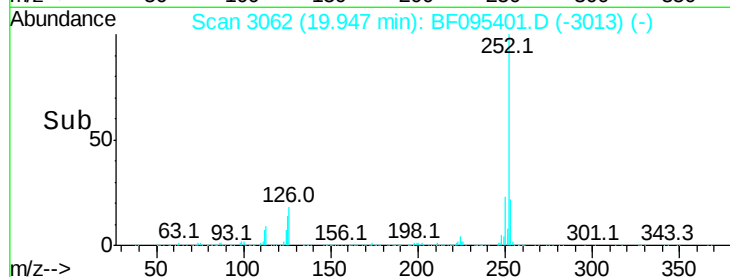
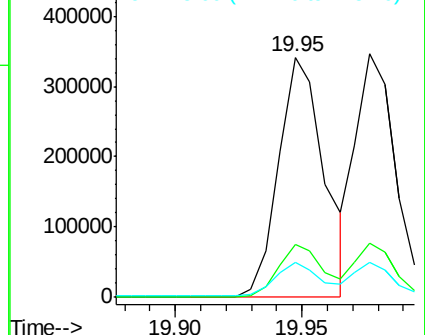
125 14.6 9.8 14.8



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: 53.52 ng

RT: 19.98 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BF095401.D

Acq: 24 May 2017 21:39

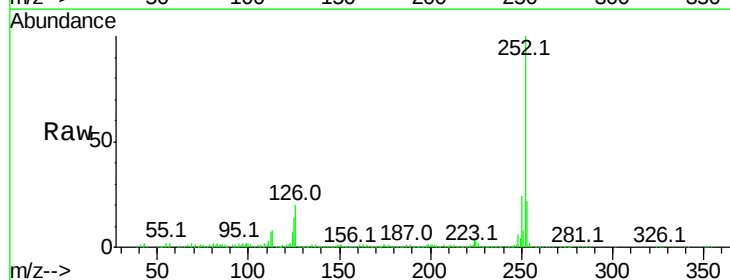
Tgt Ion:252 Resp: 385240

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

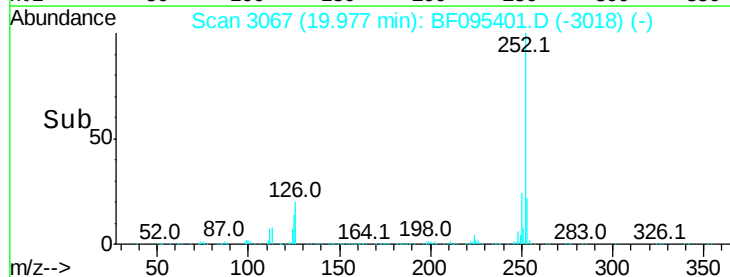
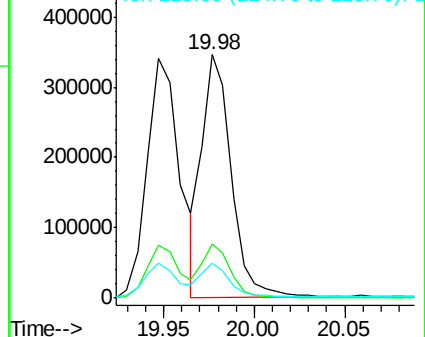
125 14.3 13.1 19.7

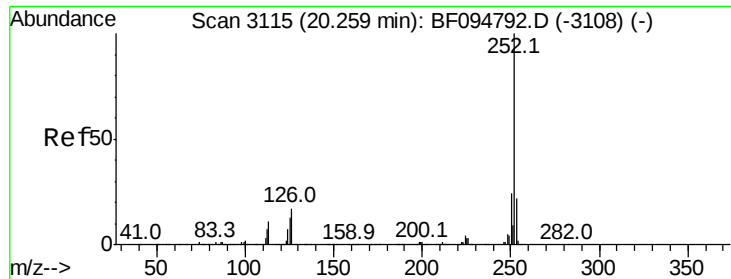


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

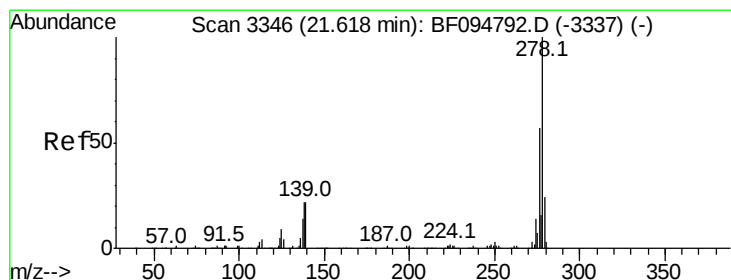
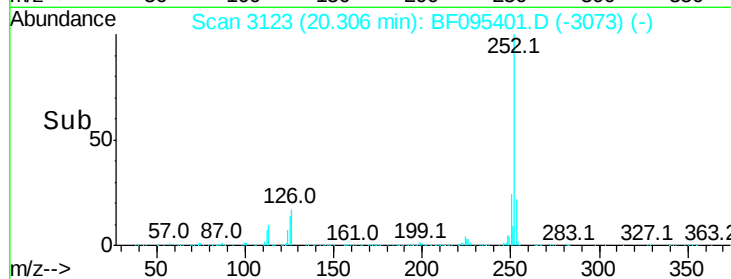
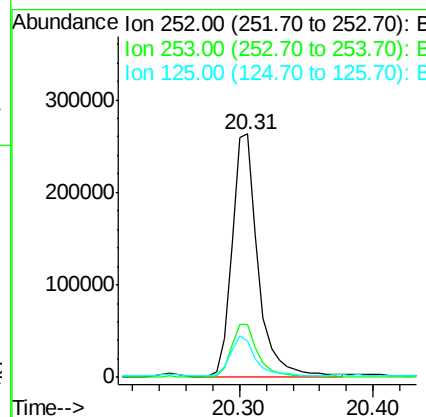
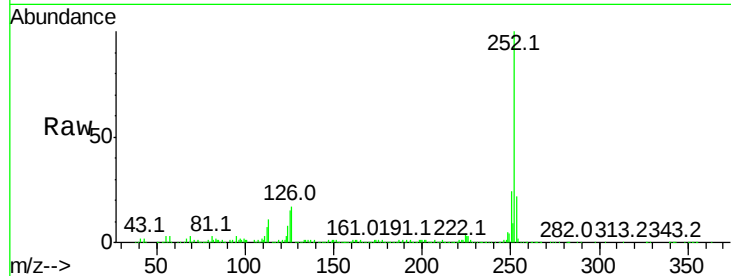




#89
Benzo(a)pyrene
Concen: 51.77 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

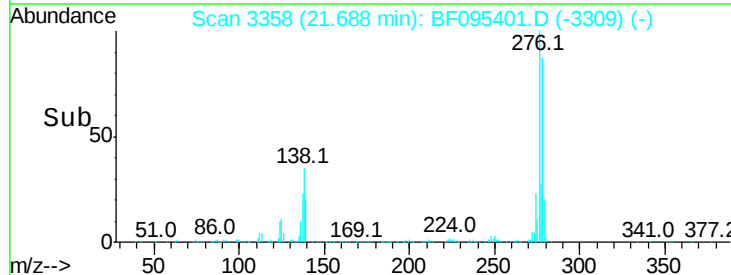
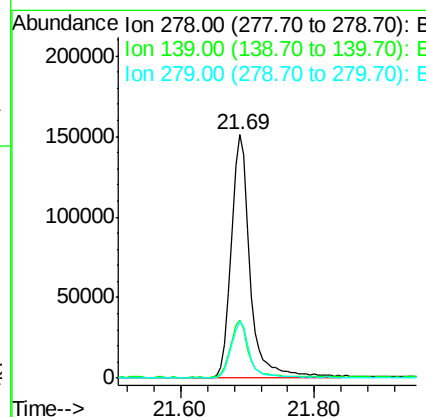
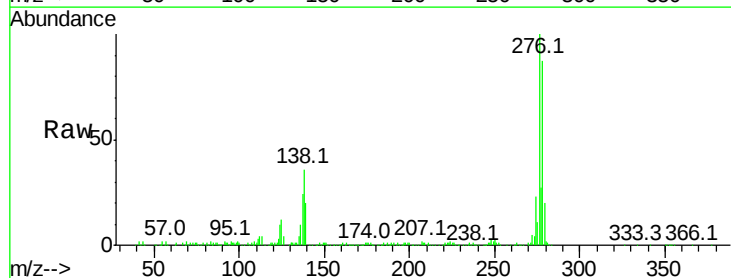
Instrument :
BNA_F
ClientSampleId :

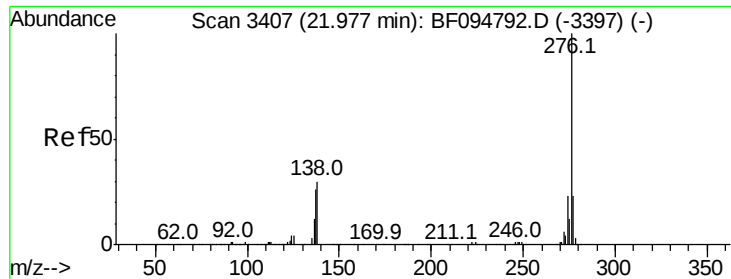
Tot Ion:252 Resp: 356470
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 15.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 53.41 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095401.D
Acq: 24 May 2017 21:39

Tgt Ion:278 Resp: 303714
Ion Ratio Lower Upper
278 100
139 23.6 16.6 24.8
279 23.3 19.3 28.9

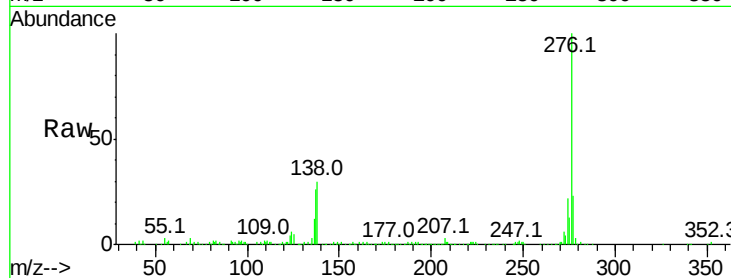




#91
 Benzo(a,h,i)perylene
 Concen: 54.98 ng
 RT: 22.08 min Scan# 3424
 Delta R.T. -0.01 min
 Lab File: BF095401.D
 Acq: 24 May 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	28.0
138	30.0	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

