

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095400.D
 Acq On : 24 May 2017 21:07
 Operator : SJ/MA
 Sample : I3221-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:07:41 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	82939	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	320094	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	106368	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	190890	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	175547	20.00	ng	-0.01
86) Perylene-d12	20.36	264	118169	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	762561	153.29	ng	-0.01
7) Phenol-d6	7.31	99	885969	148.43	ng	0.00
23) Nitrobenzene-d5	8.65	82	494879	97.49	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	136182	156.33	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	884042	119.63	ng	-0.02
78) Terphenyl-d14	17.33	244	645712	81.02	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	96549	39.57	ng	95
3) Pyridine	2.94	79	231528	40.95	ng	99
4) n-Nitrosodimethylamine	2.87	42	89097	37.80	ng	83
6) Aniline	7.26	93	280396	37.21	ng	96
8) 2-Chlorophenol	7.45	128	262185	46.30	ng	92
9) Benzaldehyde	7.08	77	83108	22.80	ng	96
10) Phenol	7.32	94	286711	45.58	ng	89
11) bis(2-Chloroethyl)ether	7.39	93	243422	46.88	ng	95
12) 1,3-Dichlorobenzene	7.65	146	294840	45.90	ng	98
13) 1,4-Dichlorobenzene	7.78	146	302666	46.47	ng	97
14) 1,2-Dichlorobenzene	8.01	146	278474	45.80	ng	96
15) Benzyl Alcohol	8.04	79	202979	52.87	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.24	45	327695	44.59	ng	96
17) 2-Methylphenol	8.26	107	214040	46.19	ng	94
18) Hexachloroethane	8.52	117	77335	35.05	ng	# 82
19) n-Nitroso-di-n-propylamine	8.46	70	192496	47.68	ng	94
20) 3+4-Methylphenols	8.52	107	282905	44.93	ng	# 58
22) Acetophenone	8.42	105	385533	50.20	ng	# 84
24) Nitrobenzene	8.68	77	261744	49.19	ng	94
25) Isophorone	9.09	82	461036	50.86	ng	95
26) 2-Nitrophenol	9.20	139	70884	24.69	ng	99
27) 2,4-Dimethylphenol	9.33	122	214323	46.17	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	302792	48.29	ng	100
29) 2,4-Dichlorophenol	9.62	162	201084	45.88	ng	96
30) 1,2,4-Trichlorobenzene	9.70	180	217138	46.24	ng	98
31) Naphthalene	9.80	128	726324	45.15	ng	99
32) Benzoic acid	9.64	122	7310	7.23	ng	# 73
33) 4-Chloroaniline	9.96	127	120037	20.02	ng	92
34) Hexachlorobutadiene	10.01	225	109253	44.10	ng	97
35) Caprolactam	10.57	113	55236	41.97	ng	# 85
36) 4-Chloro-3-methylphenol	10.81	107	199210	42.51	ng	90
37) 2-Methylnaphthalene	10.92	142	490729	46.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	186523	57.02	ng	99
40) Hexachlorocyclopentadiene	11.18	237	2109	7.47	ng	96

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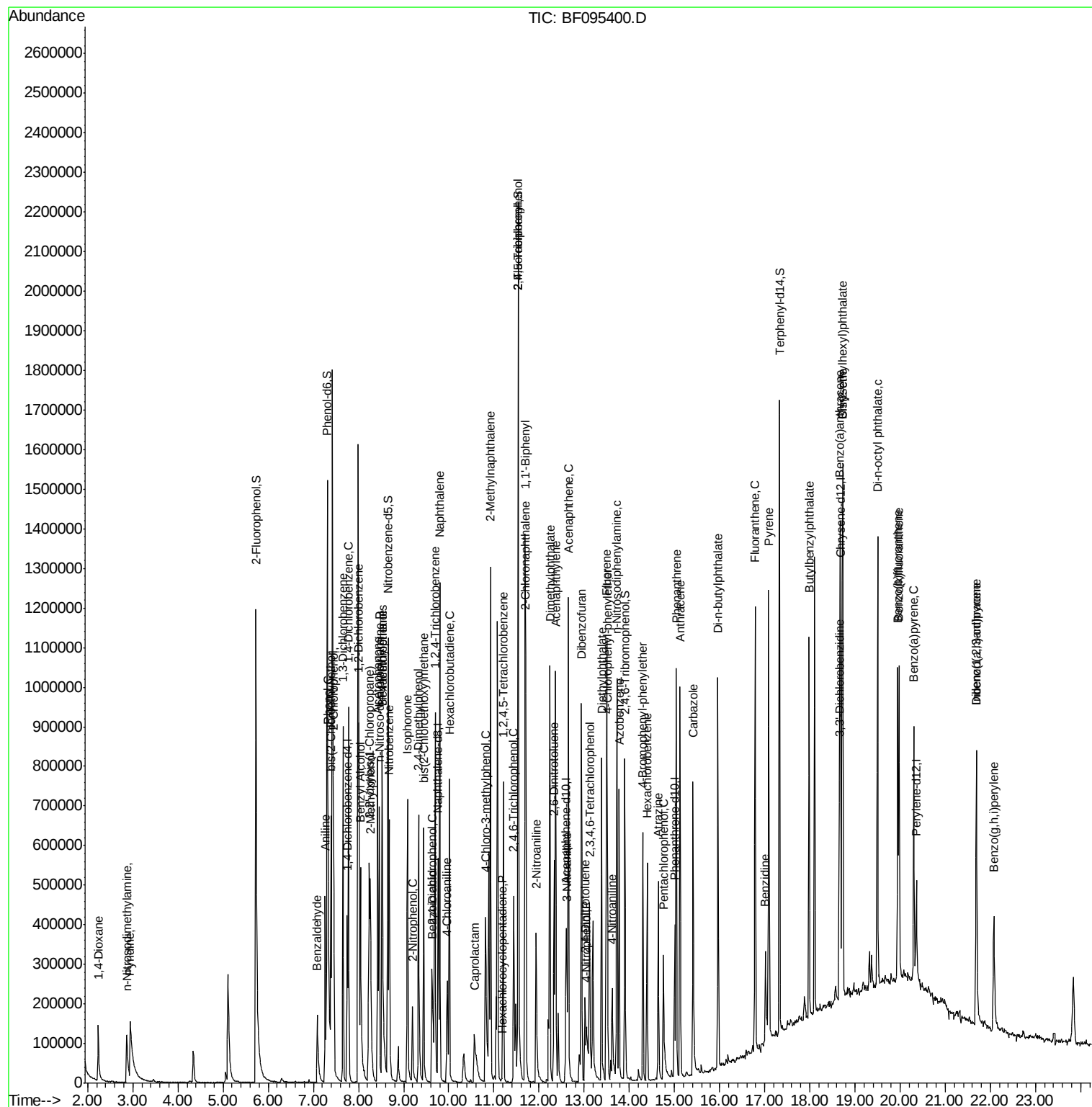
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	119238	54.60	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	108018	46.02	nq	96
45) 1,1'-Biphenyl	11.69	154	535786	59.83	nq	97
46) 2-Chloronaphthalene	11.71	162	407020	56.29	nq	96
47) 2-Nitroaniline	11.94	65	120726	61.00	nq	# 79
48) Acenaphthylene	12.37	152	614417	54.25	nq	99
49) Dimethylphthalate	12.24	163	594486	68.08	nq	98
50) 2,6-Dinitrotoluene	12.34	165	79485	44.62	nq	# 91
51) Acenaphthene	12.65	154	341836	50.53	nq	99
52) 3-Nitroaniline	12.62	138	102551	53.63	nq	86
54) Dibenzofuran	12.94	168	534326	57.08	nq	96
55) 4-Nitrophenol	13.05	139	88220	76.82	nq	# 79
56) 2,4-Dinitrotoluene	13.02	165	86807	37.92	nq	94
57) Fluorene	13.49	166	408130	50.14	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.12	232	71233	48.22	nq	88
59) Diethylphthalate	13.39	149	441481	52.75	nq	99
60) 4-Chlorophenyl-phenylether	13.52	204	184089	51.46	nq	89
61) 4-Nitroaniline	13.62	138	91745	52.27	nq	95
62) Azobenzene	13.78	77	366446	54.49	nq	91
65) n-Nitrosodiphenylamine	13.72	169	348572	50.31	nq	99
66) 4-Bromophenyl-phenylether	14.30	248	99621	49.40	nq	98
67) Hexachlorobenzene	14.39	284	95776	46.34	nq	# 89
68) Atrazine	14.65	200	84210	43.05	nq	97
69) Pentachlorophenol	14.75	266	73531	78.78	nq	98
70) Phenanthrene	15.04	178	537094	48.97	nq	98
71) Anthracene	15.12	178	548338	48.94	nq	99
72) Carbazole	15.41	167	524082	51.41	nq	96
73) Di-n-butylphthalate	15.97	149	619572	48.74	nq	99
74) Fluoranthene	16.79	202	599589	53.29	nq	98
76) Benzidine	17.01	184	196811	42.35	nq	# 92
77) Pyrene	17.09	202	608710	46.36	nq	99
79) Butylbenzylphthalate	17.98	149	281838	46.15	nq	87
80) Benzo(a)anthracene	18.67	228	481818	47.16	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	153462	43.49	nq	# 96
82) Chrysene	18.72	228	434612	43.99	nq	98
83) Bis(2-ethylhexyl)phthalate	18.73	149	400617	46.04	nq	# 100
84) Di-n-octyl phthalate	19.50	149	686597	48.13	nq	98
85) Indeno(1,2,3-cd)pyrene	21.69	276	314904	39.25	nq	99
87) Benzo(b)fluoranthene	19.95	252	388827	53.25	nq	97
88) Benzo(k)fluoranthene	19.98	252	333582	47.36	nq	95
89) Benzo(a)pyrene	20.30	252	315228	46.79	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	252844	45.44	nq	97
91) Benzo(g,h,i)perylene	22.08	276	256043	46.89	nq	98

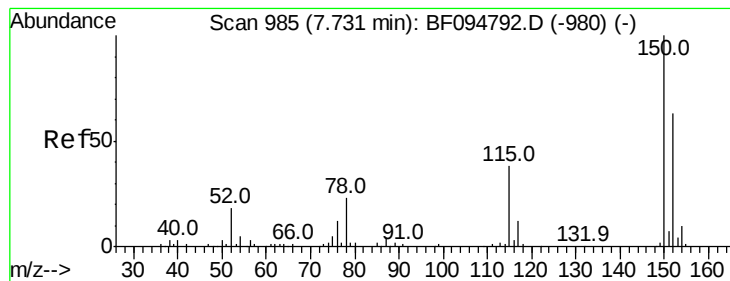
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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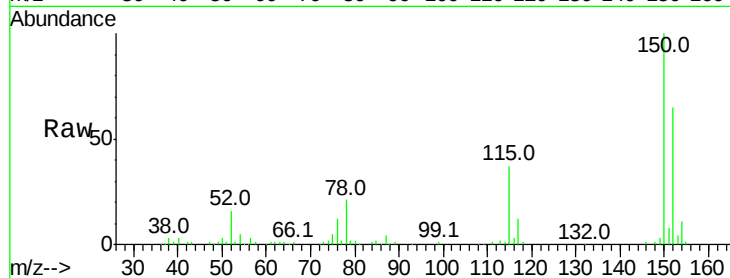


#1

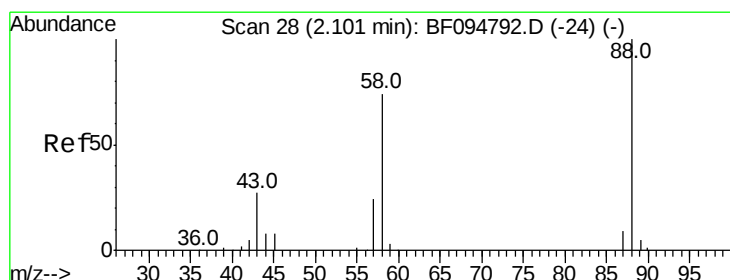
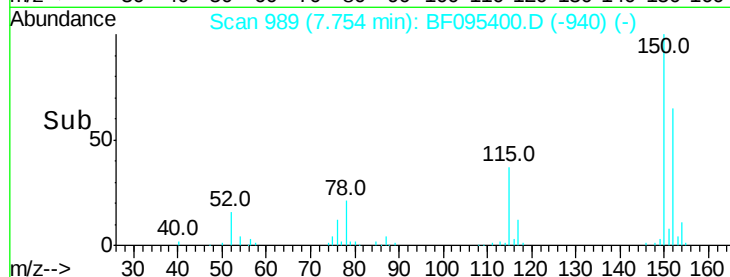
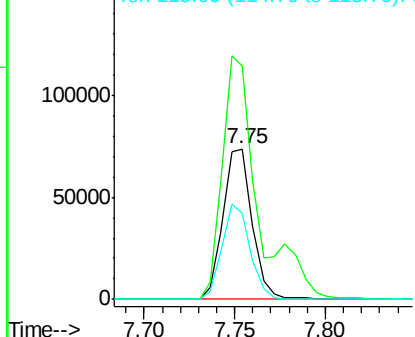
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82939
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 57.4 52.2 78.2



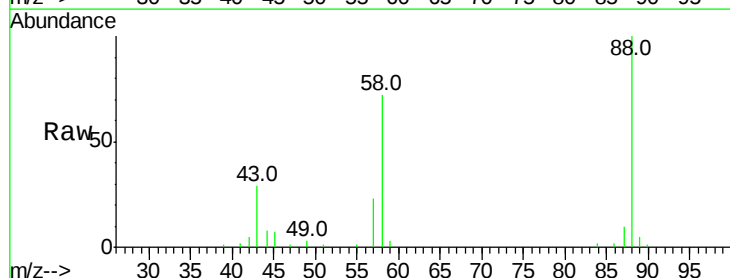
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



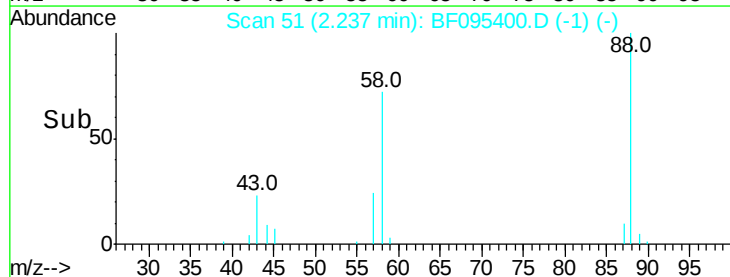
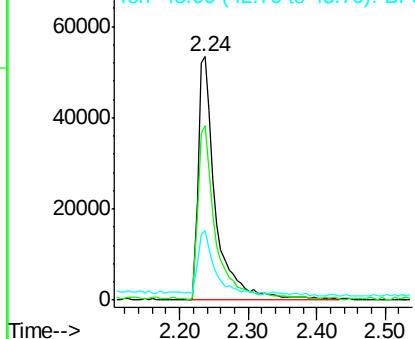
#2

1,4-Dioxane
Concen: 39.57 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion: 88 Resp: 96549
Ion Ratio Lower Upper
88 100
58 73.9 61.4 92.0
43 24.6 23.4 35.0



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





#3

Pvridine

Concen: 40.95 ng

RT: 2.94 min Scan# 171

Delta R.T. 0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

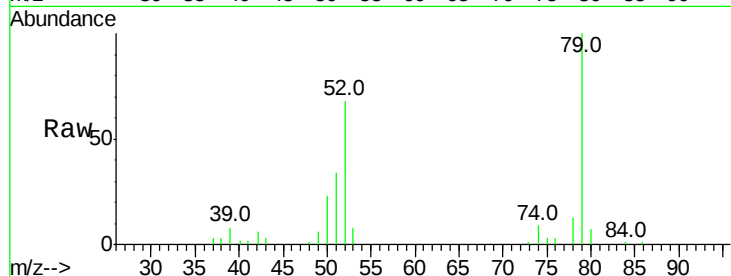
Tot Ion: 79 Resp: 231528

Ion Ratio Lower Upper

79 100

52 67.6 54.8 82.2

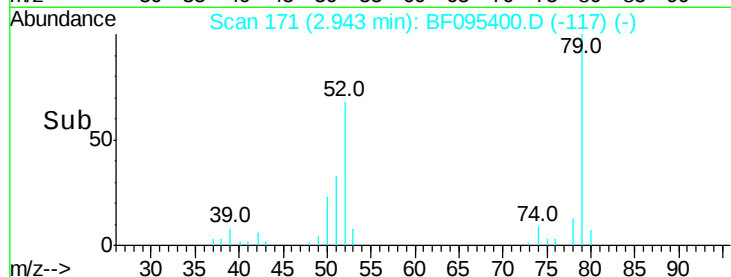
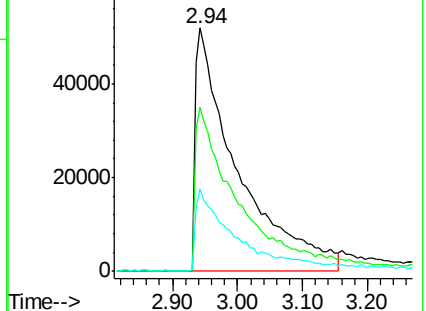
51 33.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.80 ng

RT: 2.87 min Scan# 158

Delta R.T. 0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

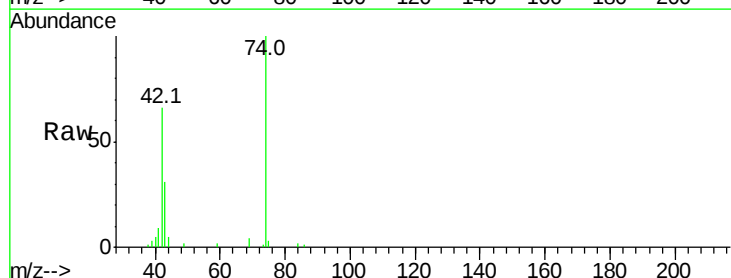
Tgt Ion: 42 Resp: 89097

Ion Ratio Lower Upper

42 100

74 150.6 103.9 155.9

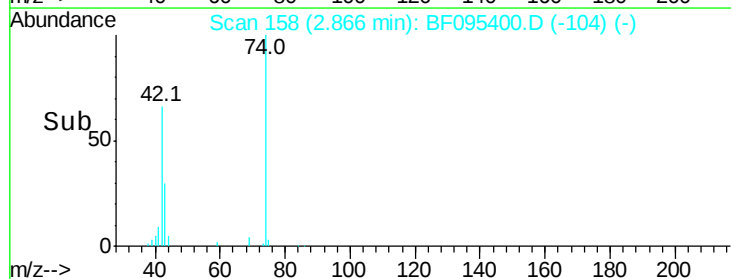
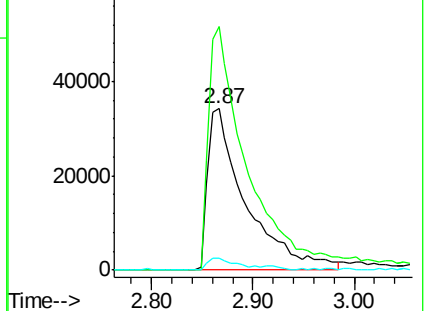
44 7.5 5.7 8.5

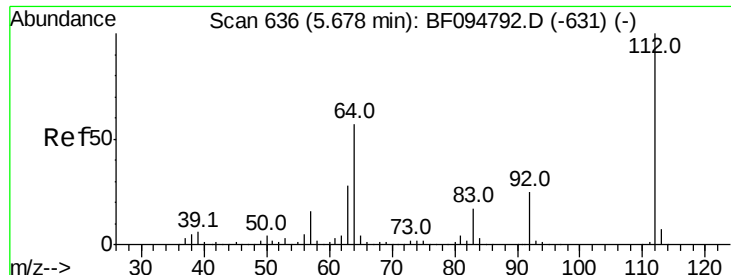


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 153.29 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095400.D

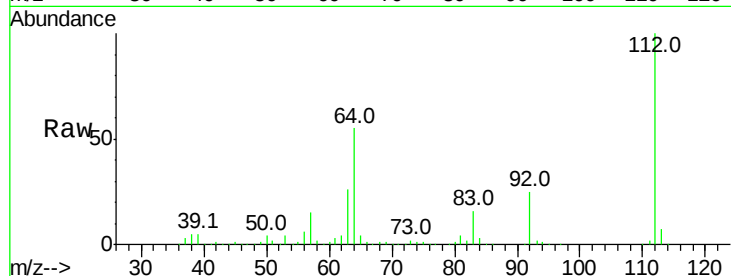
Acq: 24 May 2017 21:07

Instrument :

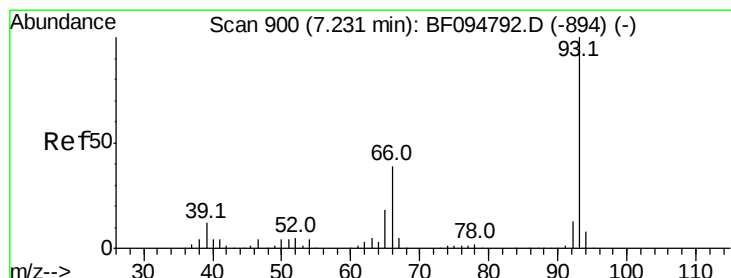
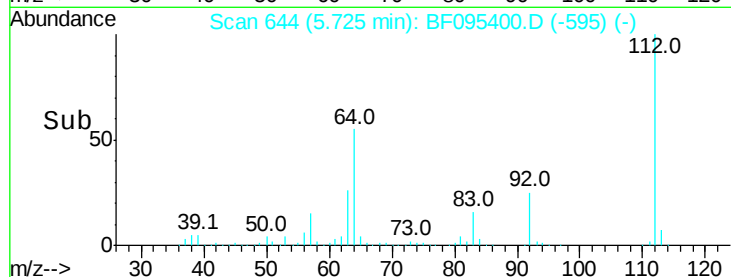
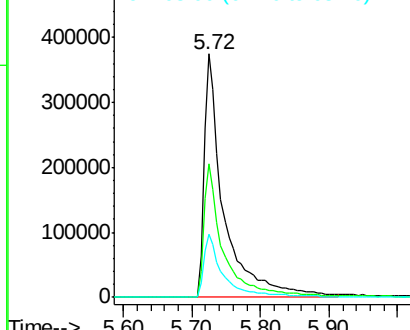
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	762561
Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 37.21 ng

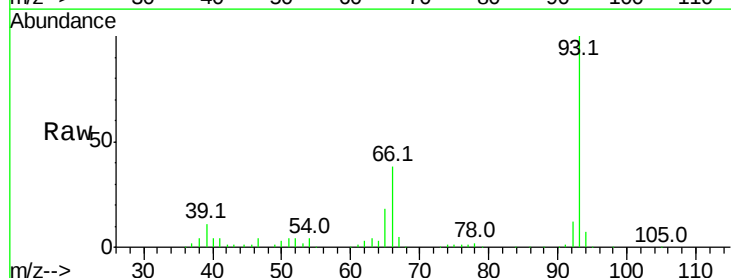
RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

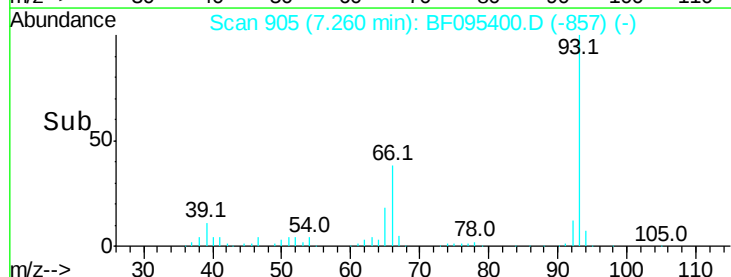
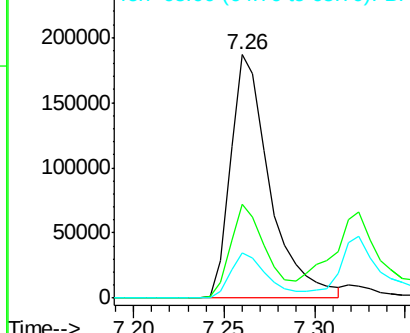
Lab File: BF095400.D

Acq: 24 May 2017 21:07

Tgt Ion:	93	Resp:	280396
Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.9	49.3
65	18.4	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 148.43 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

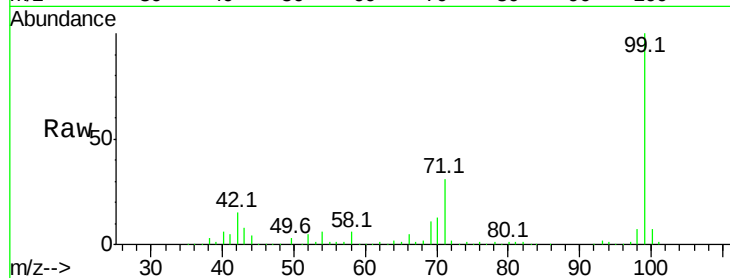
Tot Ion: 99 Resp: 885969

Ion Ratio Lower Upper

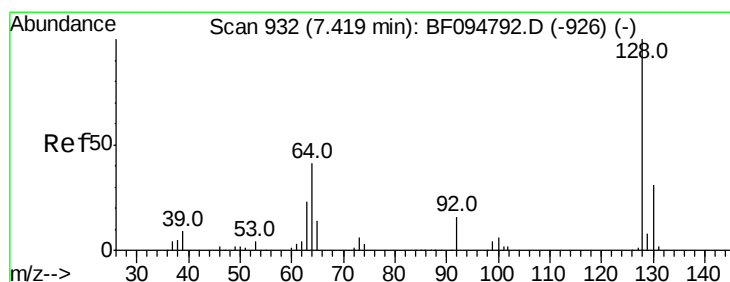
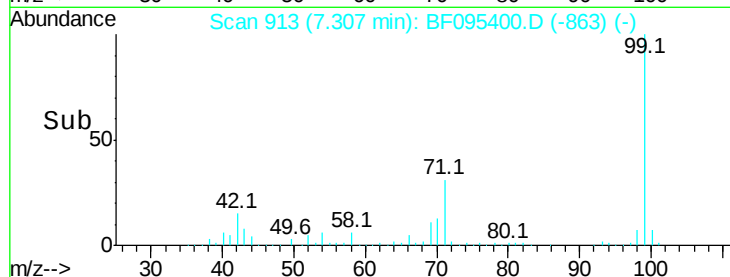
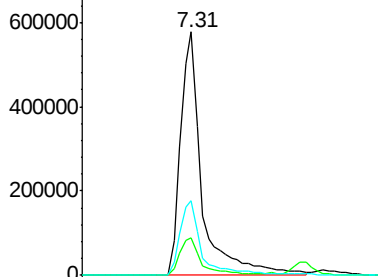
99 100

42 15.3 13.5 20.3

71 30.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.30 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

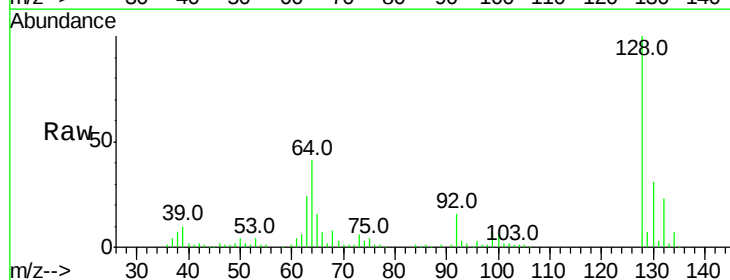
Tgt Ion: 128 Resp: 262185

Ion Ratio Lower Upper

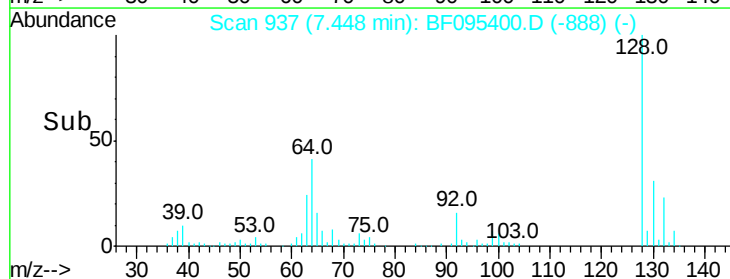
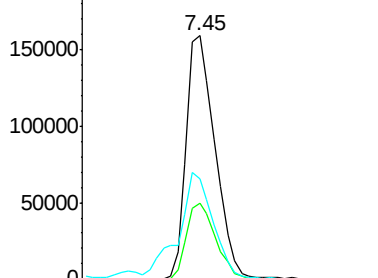
128 100

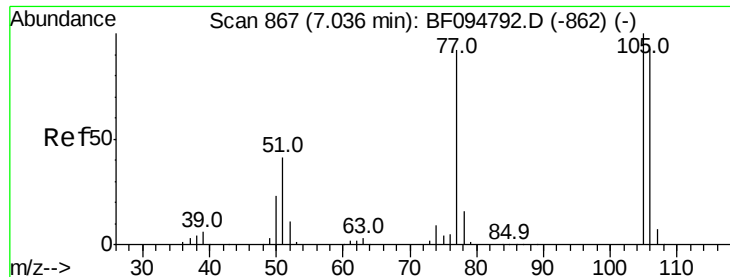
130 31.3 12.9 52.9

64 41.1 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

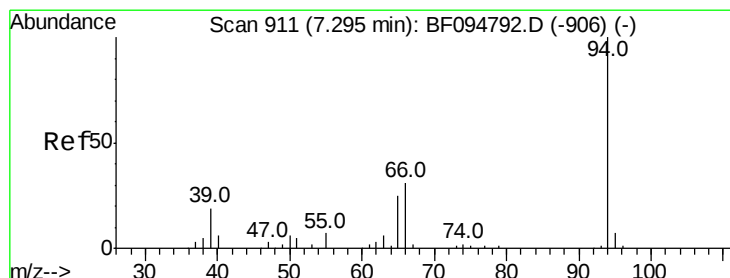
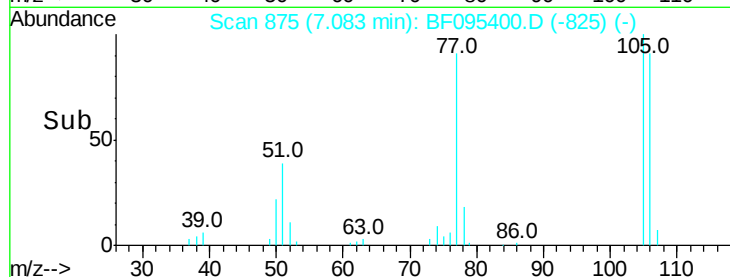
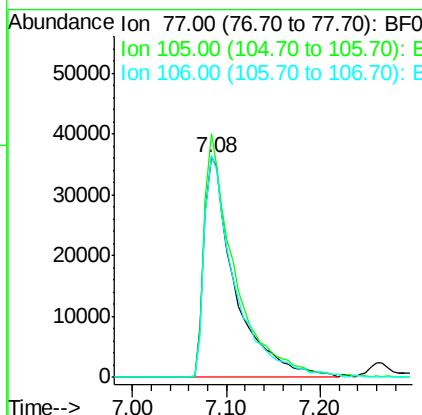
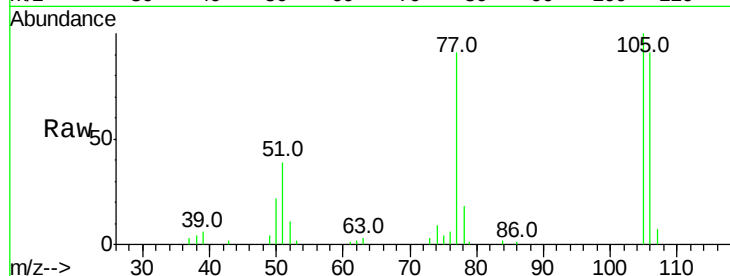




#9
Benzaldehyde
Concen: 22.80 ng
RT: 7.08 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

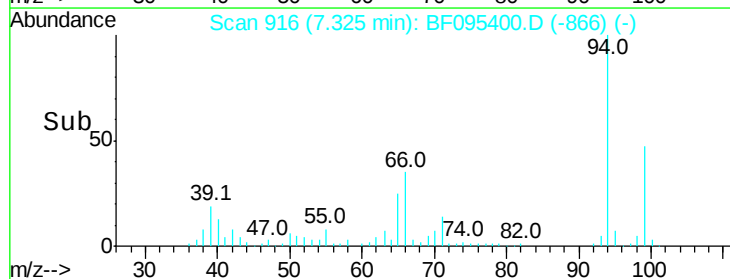
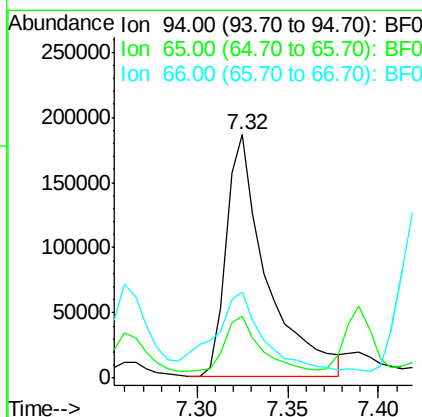
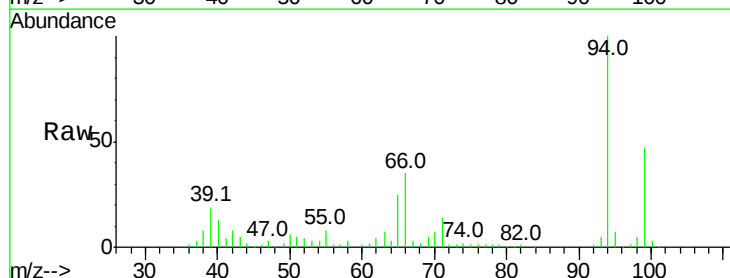
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 83108
Ion Ratio Lower Upper
77 100
105 110.4 83.8 123.8
106 100.4 79.1 119.1



#10
Phenol
Concen: 45.58 ng
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion: 94 Resp: 286711
Ion Ratio Lower Upper
94 100
65 25.3 9.9 49.9
66 35.3 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 46.88 ng

RT: 7.39 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

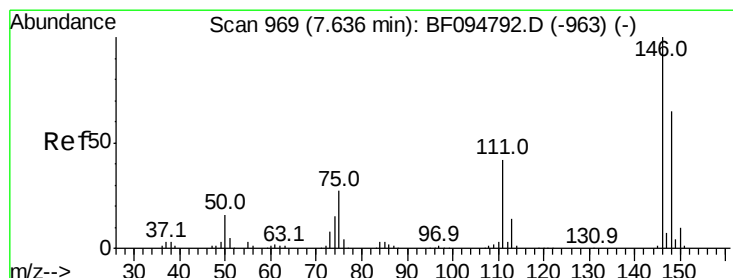
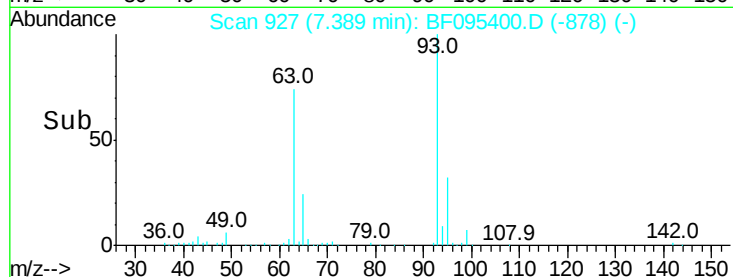
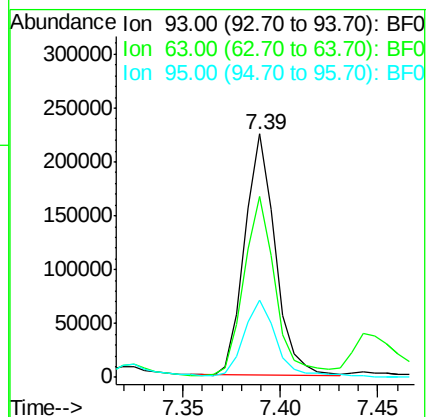
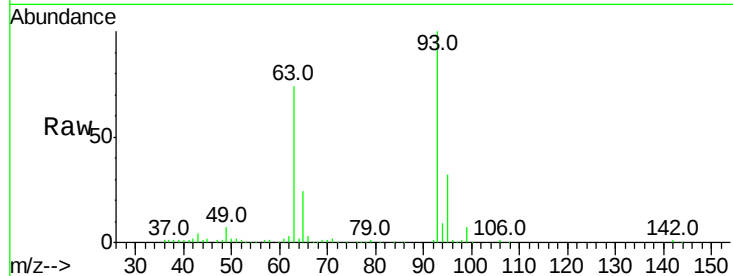
Tot Ion: 93 Resp: 243422

Ion Ratio Lower Upper

93 100

63 74.1 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 45.90 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

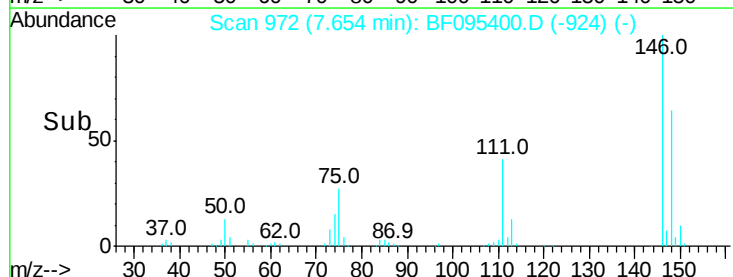
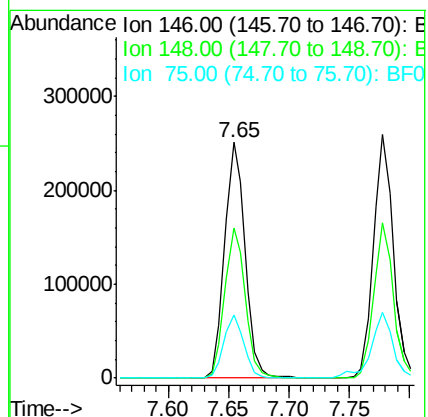
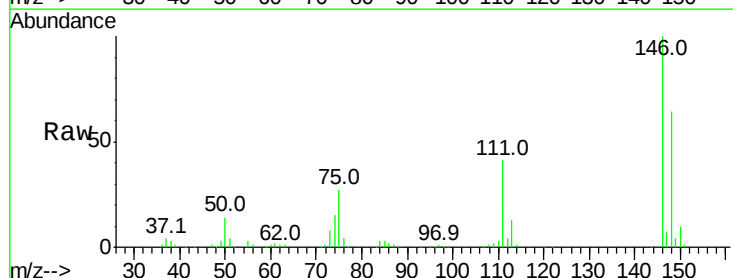
Tgt Ion: 146 Resp: 294840

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

75 26.8 23.1 34.7

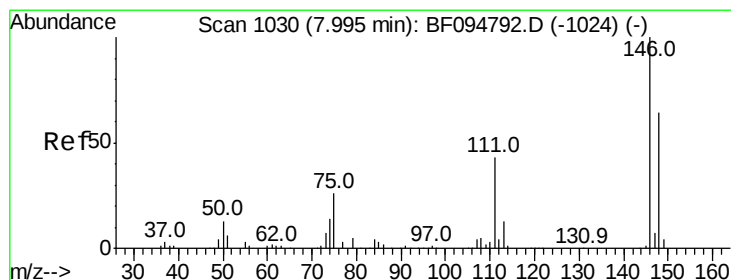
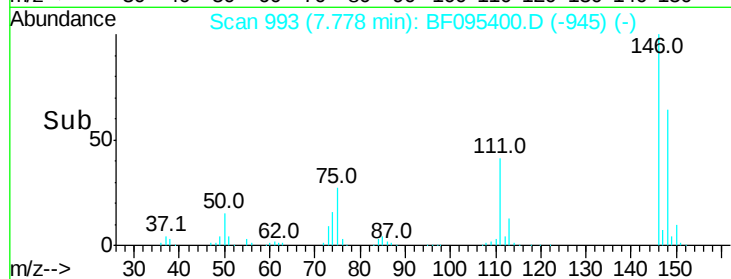
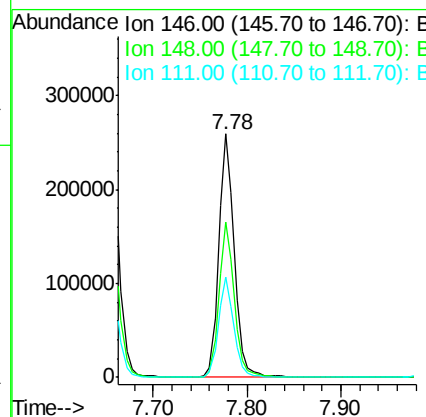
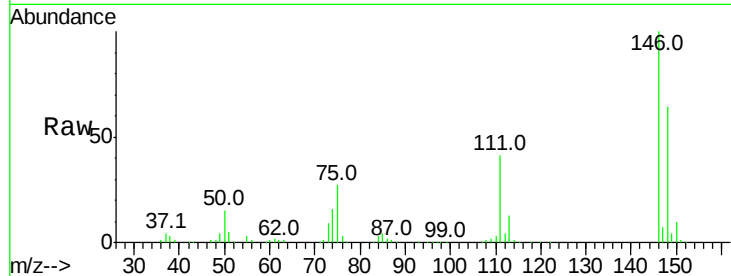




#13
 1,4-Dichlorobenzene
 Concen: 46.47 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

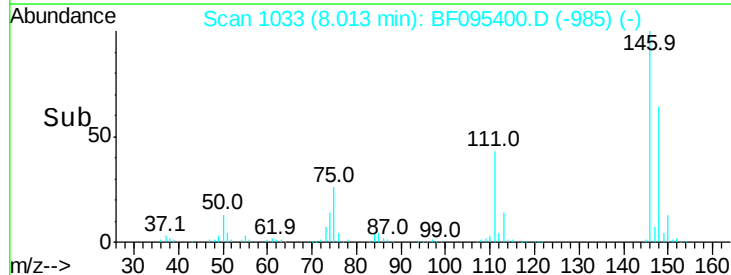
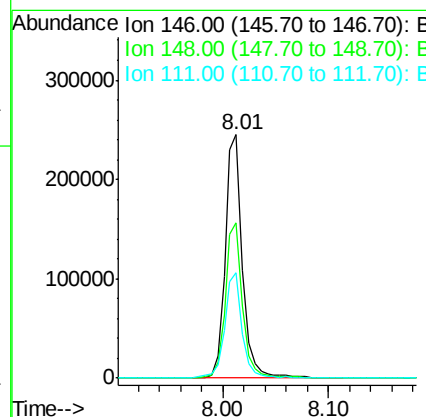
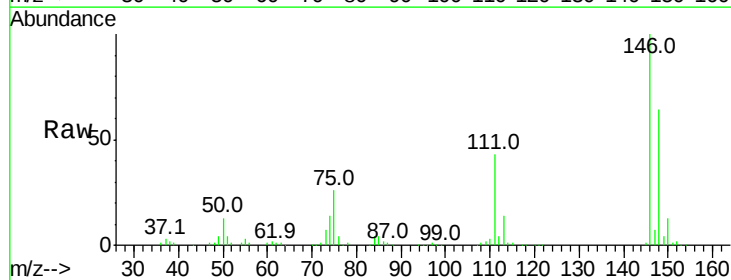
Instrument :
 BNA_F
 ClientSampleId :

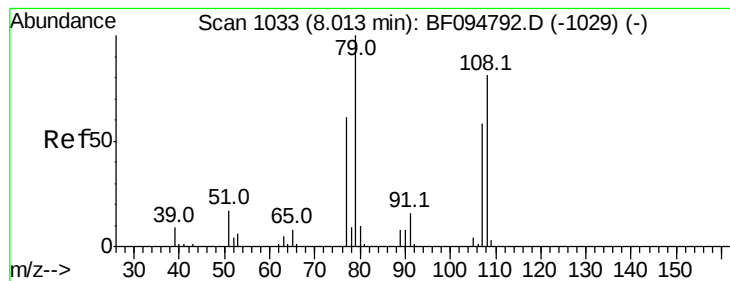
Tot Ion:146 Resp: 302666
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 41.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 45.80 ng
 RT: 8.01 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion:146 Resp: 278474
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 43.1 38.2 57.4





#15

Benzyl Alcohol

Concen: 52.87 ng

RT: 8.04 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampled :

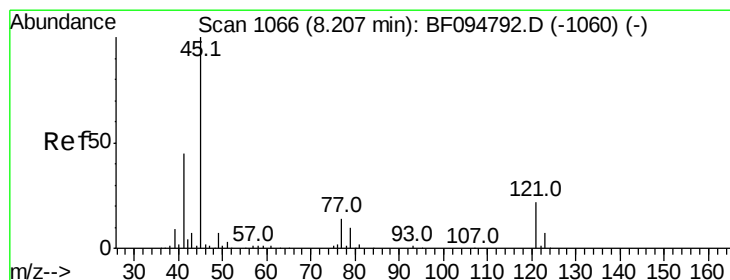
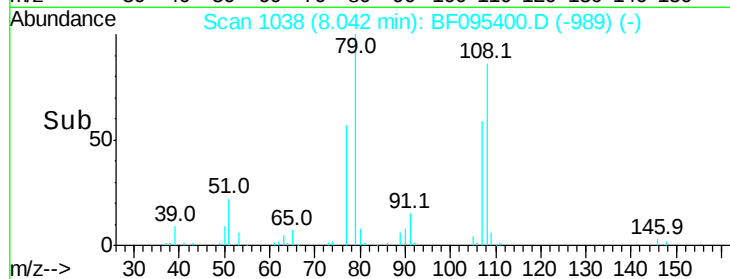
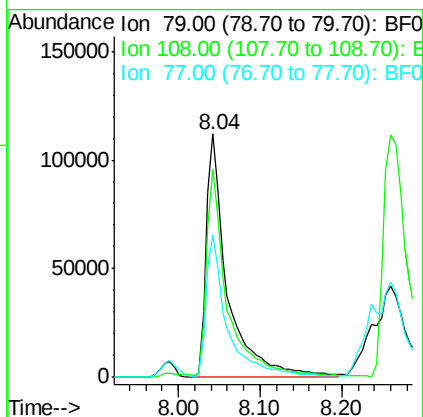
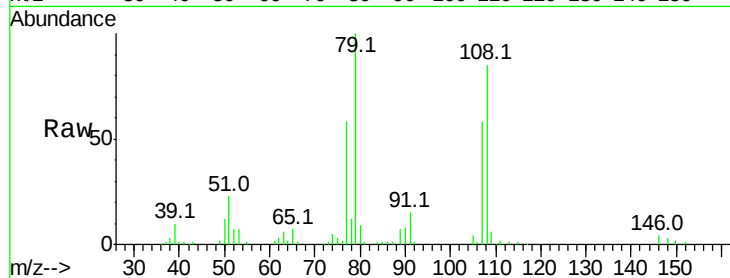
Tot Ion: 79 Resp: 202979

Ion Ratio Lower Upper

79 100

108 85.4 63.4 95.0

77 58.4 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.59 ng

RT: 8.24 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

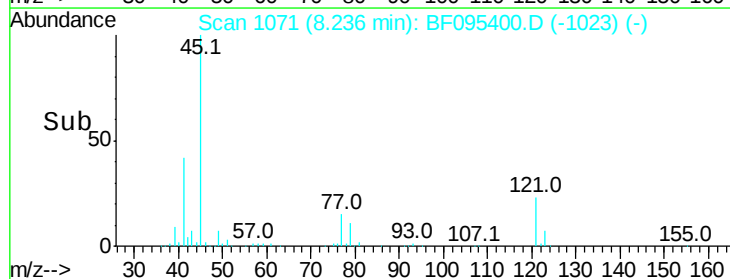
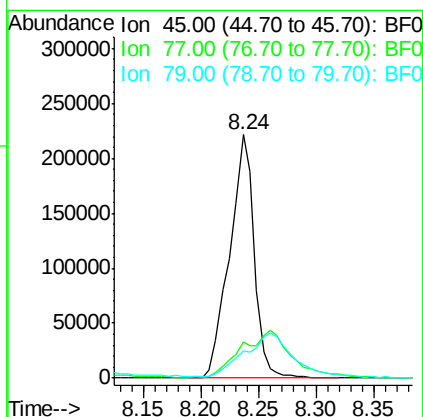
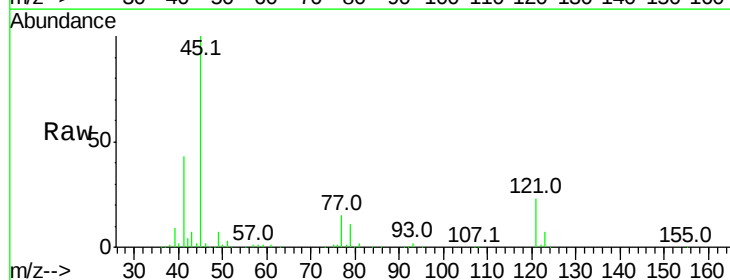
Tgt Ion: 45 Resp: 327695

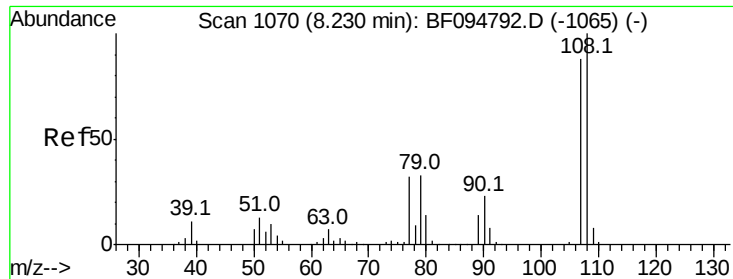
Ion Ratio Lower Upper

45 100

77 15.1 0.0 33.2

79 11.1 0.0 30.0

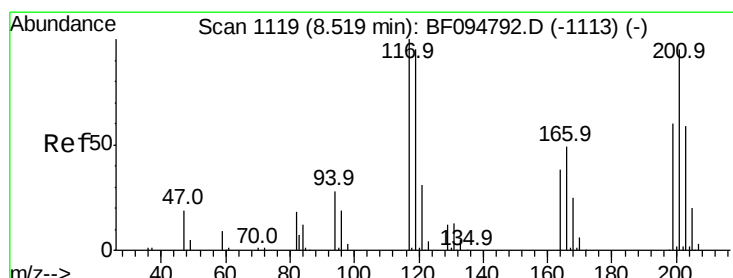
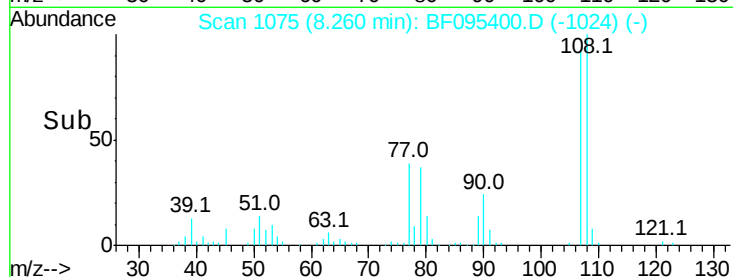
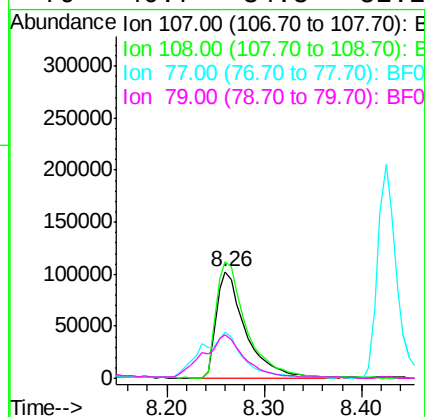
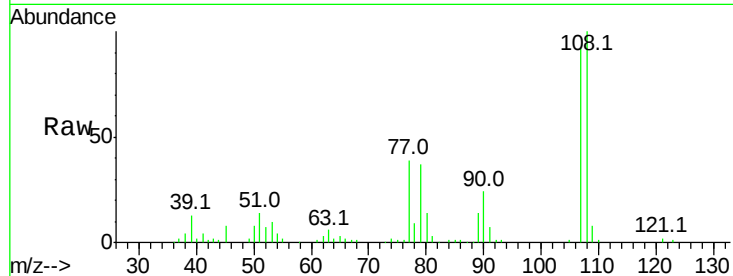




#17
2-Methylphenol
Concen: 46.19 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

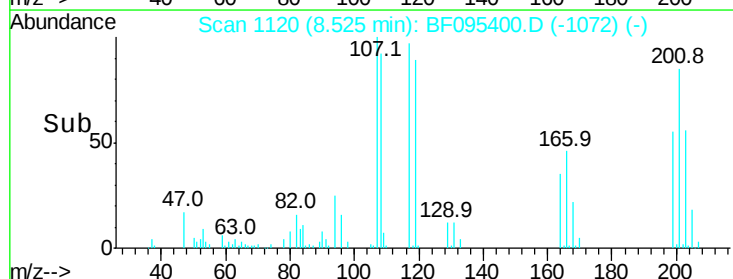
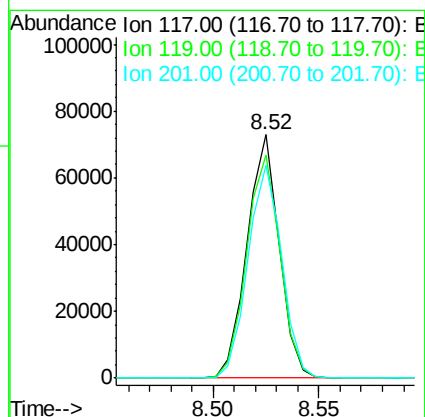
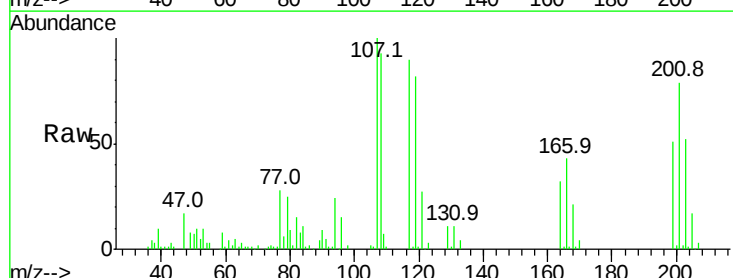
Instrument :
BNA_F
ClientSampled :

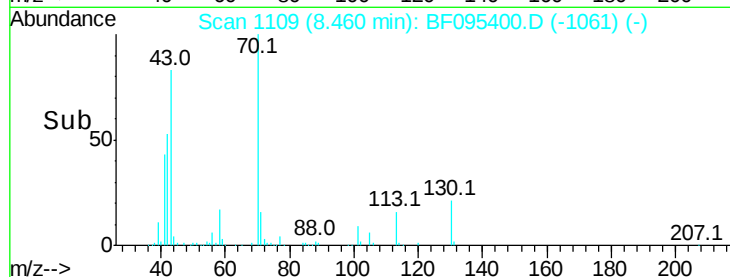
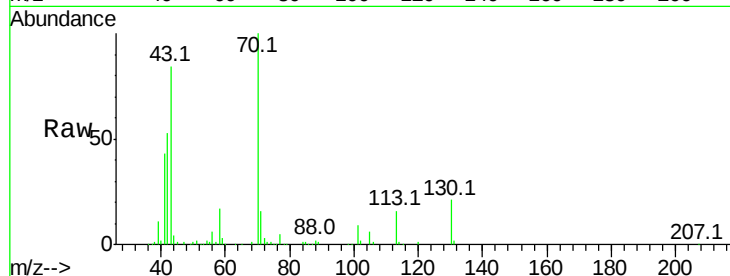
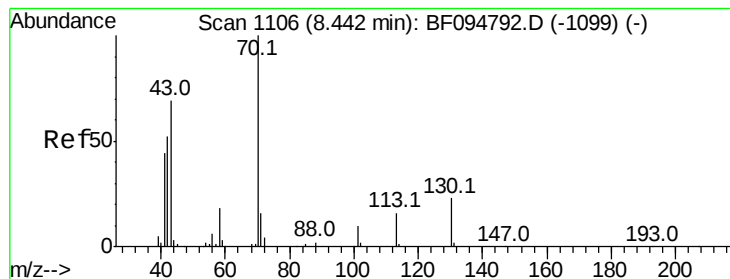
Tot Ion:	107	Resp:	214040
Ion	Ratio	Lower	Upper
107	100		
108	108.9	93.4	140.0
77	42.8	35.8	53.6
79	40.7	34.8	52.2



#18
Hexachloroethane
Concen: 35.05 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion:	117	Resp:	77335
Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.4	116.0
201	87.4	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 47.68 ng

RT: 8.46 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 192496

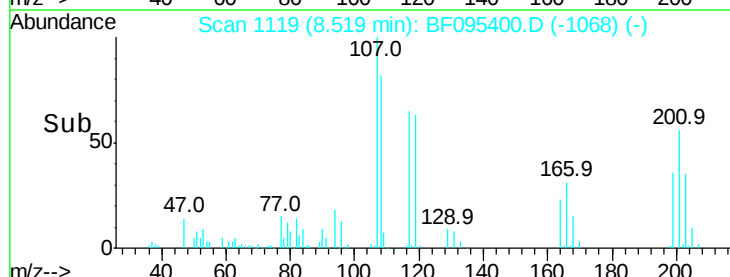
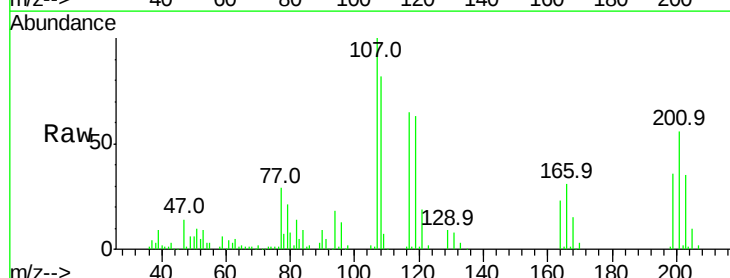
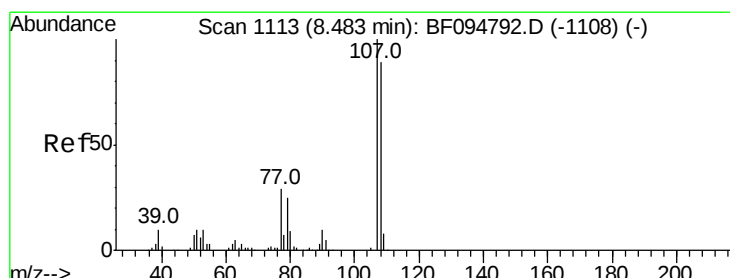
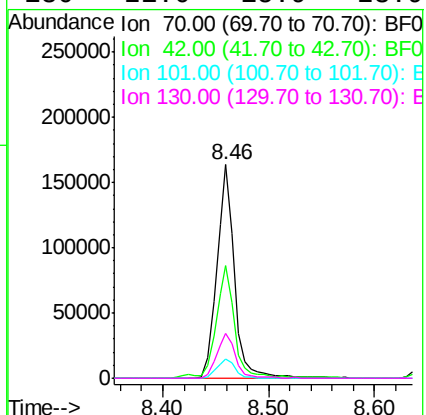
Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.2	70.8
101	8.8	7.2	10.8
130	21.0	15.9	23.9

70 100

42 52.9 47.2 70.8

101 8.8 7.2 10.8

130 21.0 15.9 23.9



#20

3+4-Methylphenols

Concen: 44.93 ng

RT: 8.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Tgt Ion:107 Resp: 282905

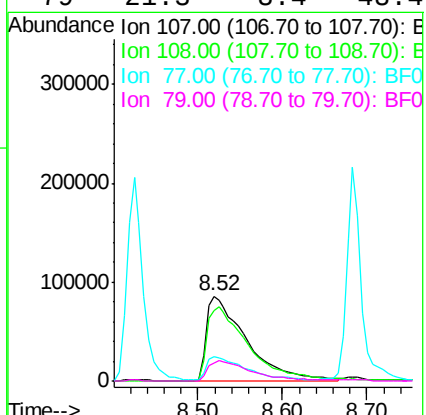
Ion	Ratio	Lower	Upper
107	100		
108	82.4	71.0	111.0
77	28.6	90.5	130.5#
79	21.3	8.4	48.4

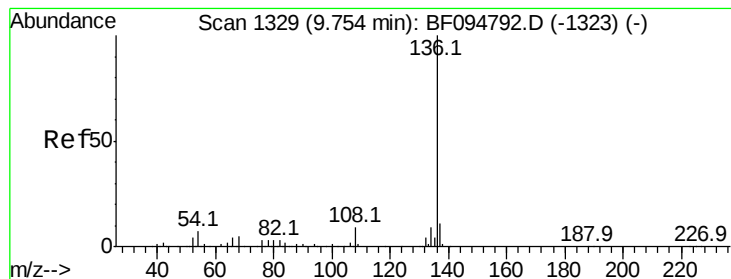
107 100

108 82.4 71.0 111.0

77 28.6 90.5 130.5#

79 21.3 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: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 320094

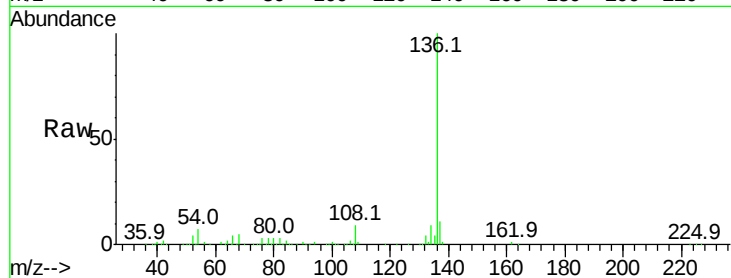
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

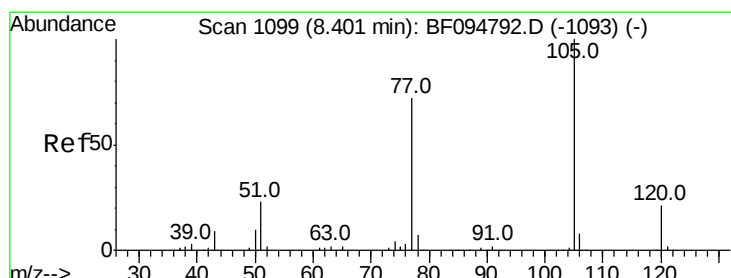
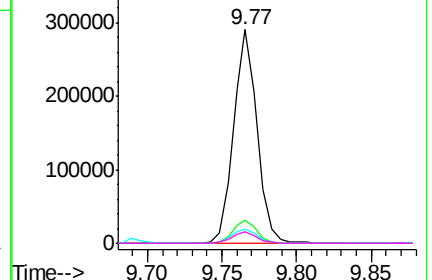
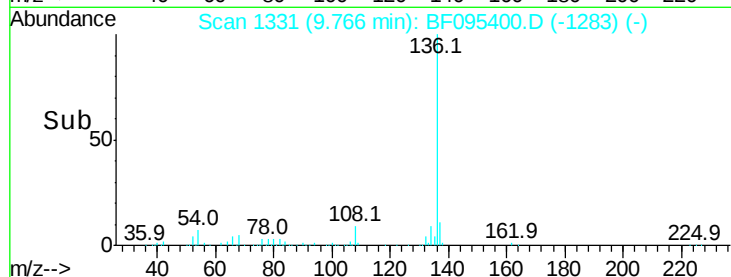


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.20 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Tgt Ion:105 Resp: 385533

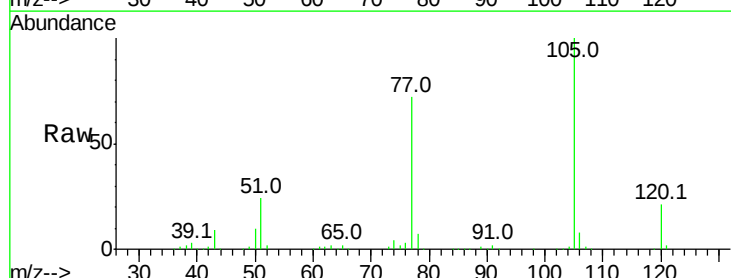
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.5 30.7 46.1#

120 21.5 17.4 26.0

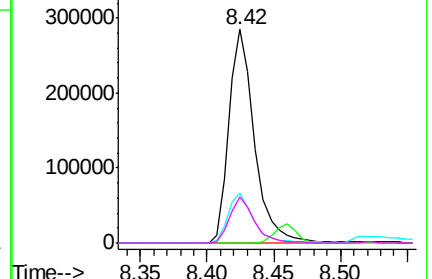
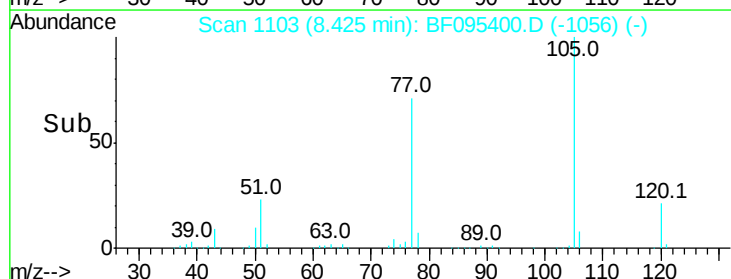


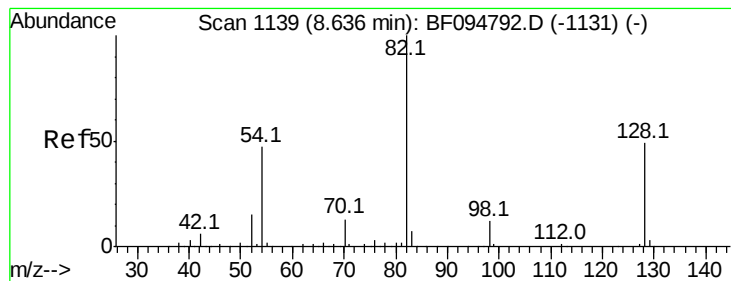
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.49 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

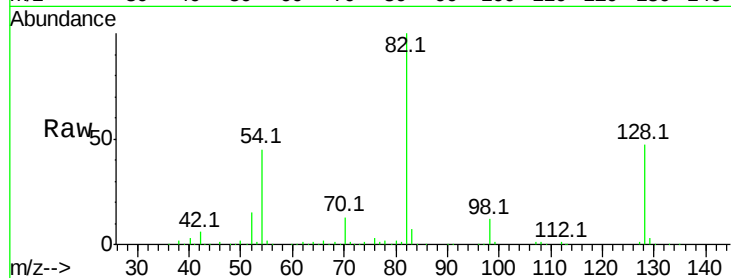
Tot Ion: 82 Resp: 494879

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

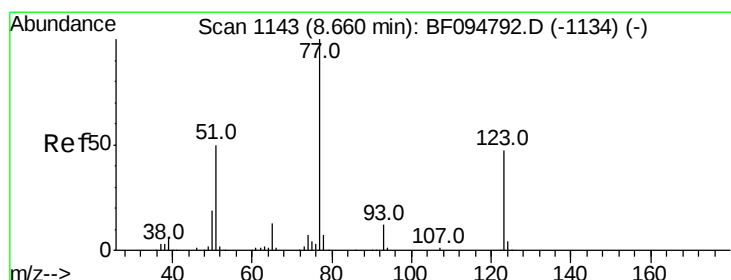
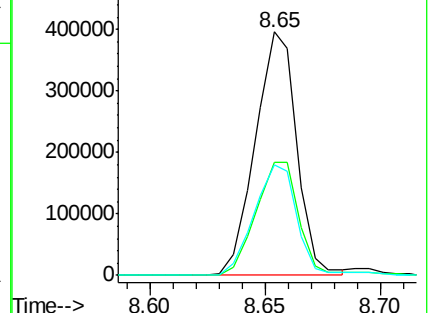
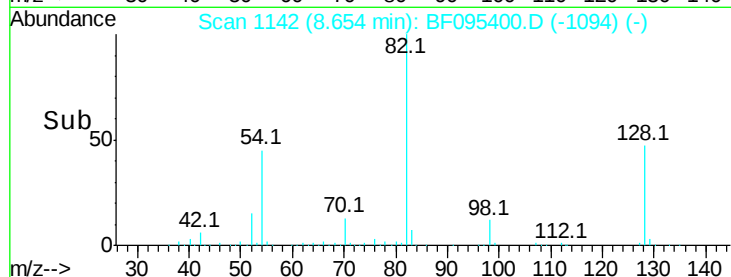
54 45.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 49.19 ng

RT: 8.68 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

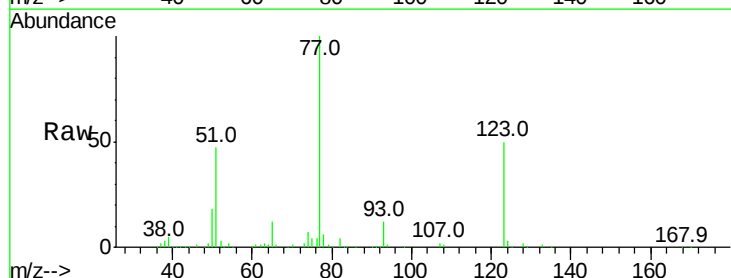
Tgt Ion: 77 Resp: 261744

Ion Ratio Lower Upper

77 100

123 49.6 35.8 53.8

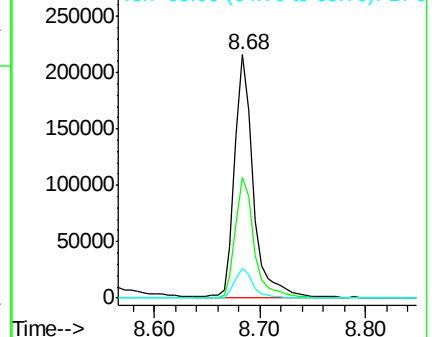
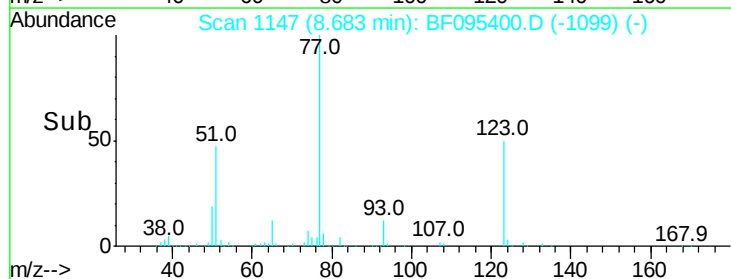
65 12.2 10.6 15.8

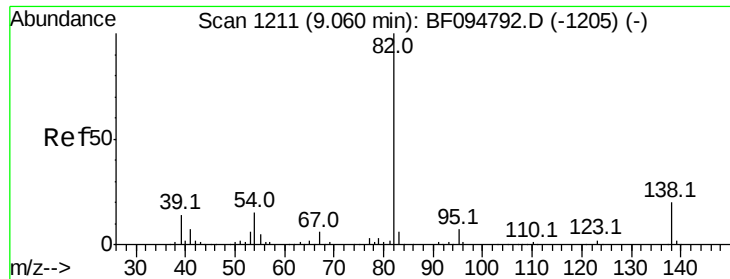


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.86 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

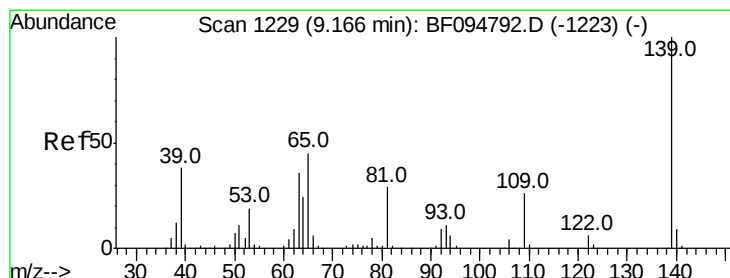
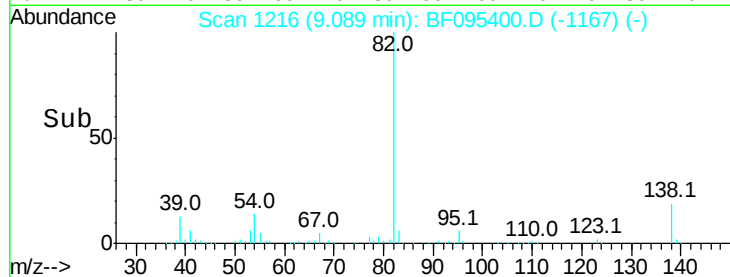
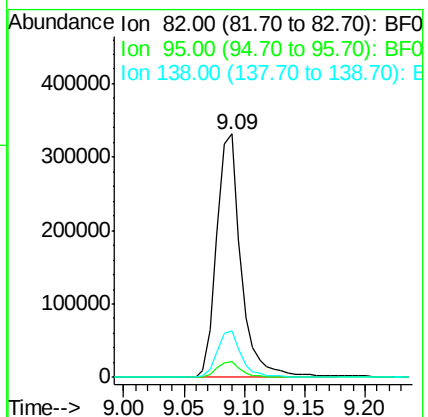
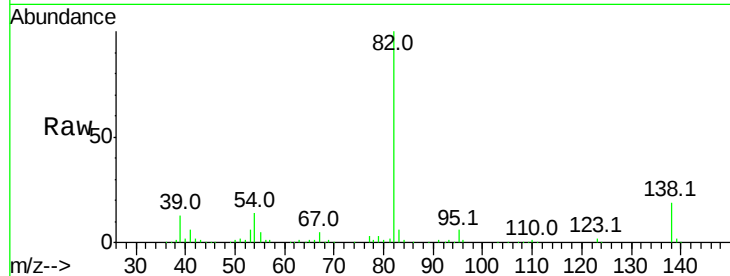
Tot Ion: 82 Resp: 461036

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 24.69 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

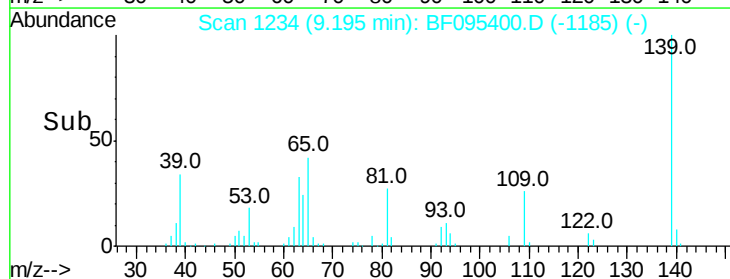
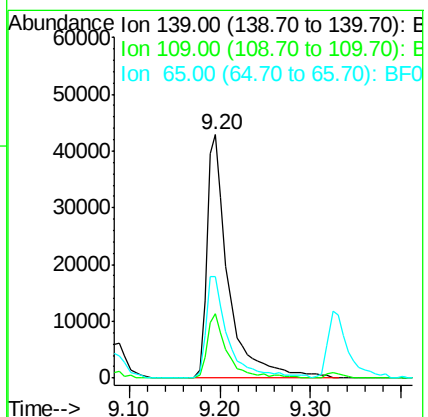
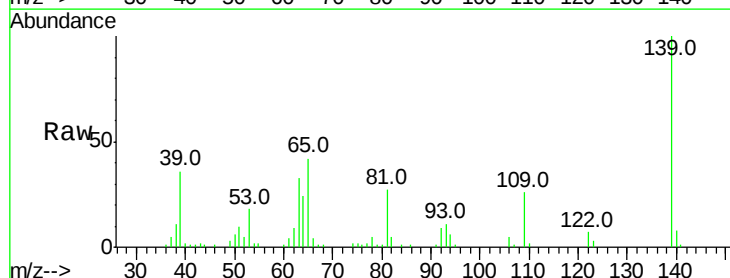
Tgt Ion: 139 Resp: 70884

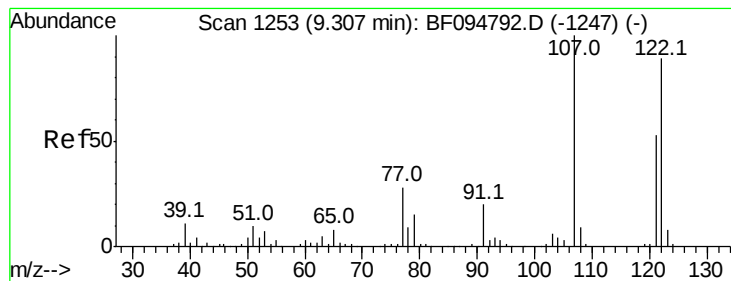
Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.6

65 41.9 33.0 49.6

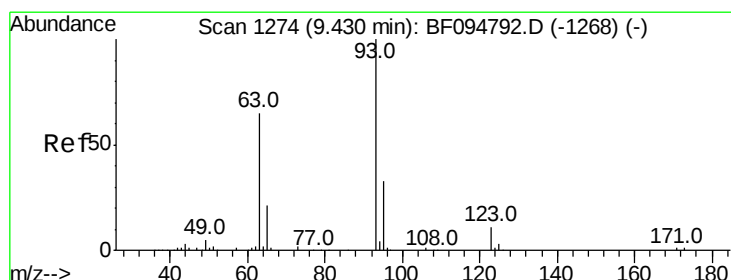
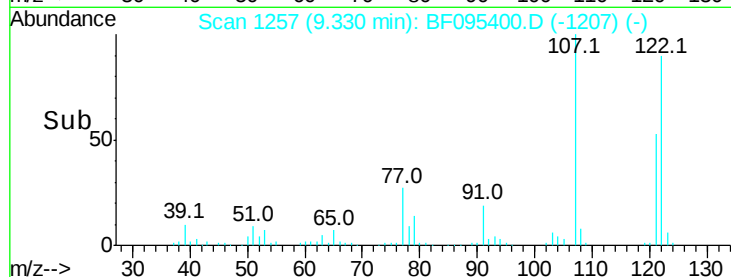
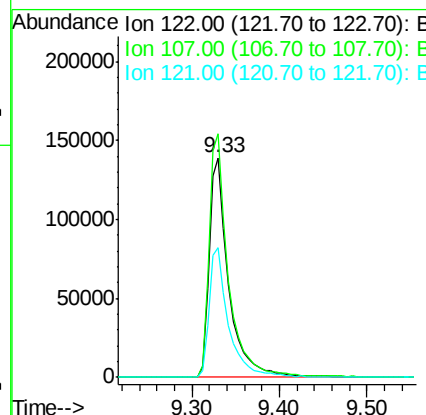
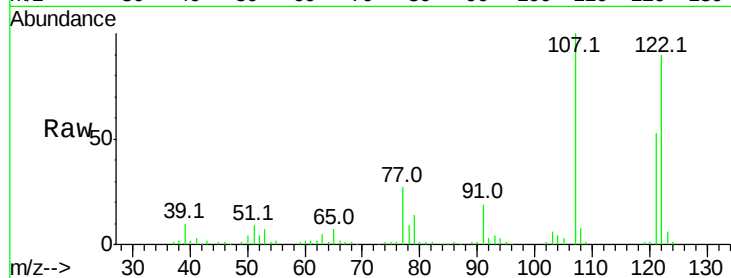




#27
 2,4-Dimethylphenol
 Concen: 46.17 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

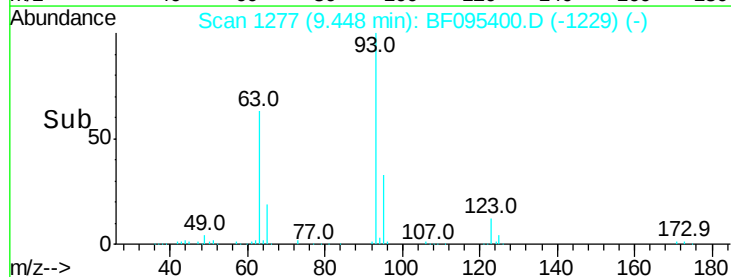
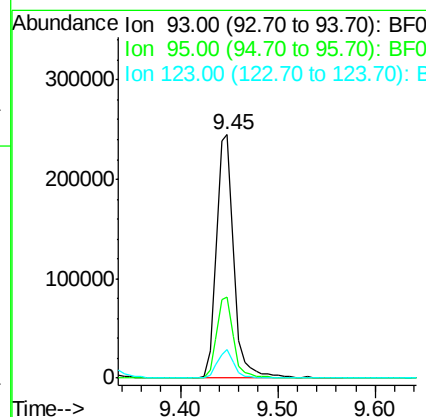
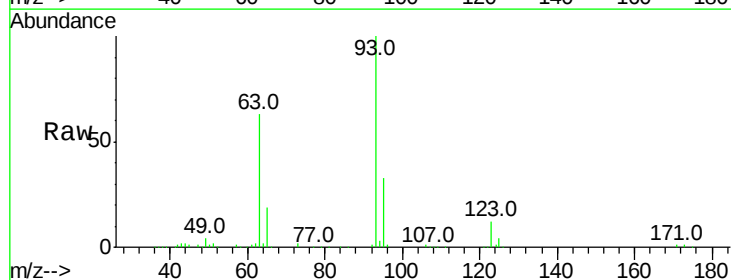
Instrument :
 BNA_F
 ClientSampled :

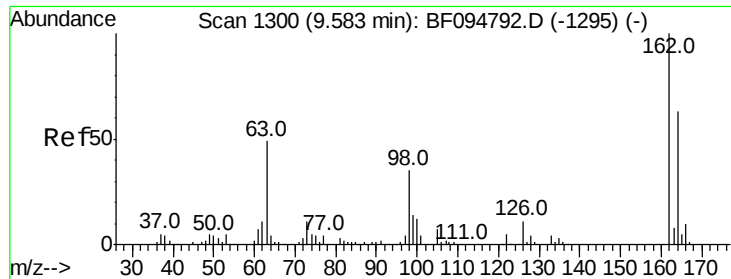
Tot Ion:122 Resp: 214323
 Ion Ratio Lower Upper
 122 100
 107 111.0 89.2 133.8
 121 59.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.29 ng
 RT: 9.45 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion: 93 Resp: 302792
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 11.6 9.0 13.4

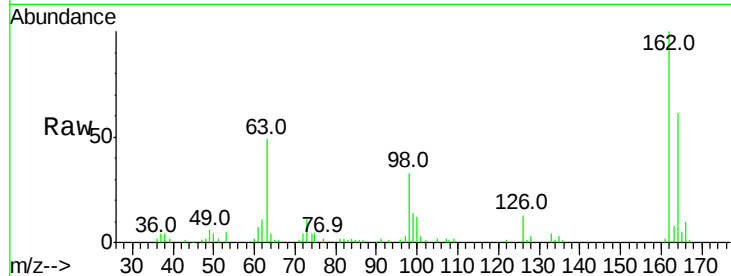




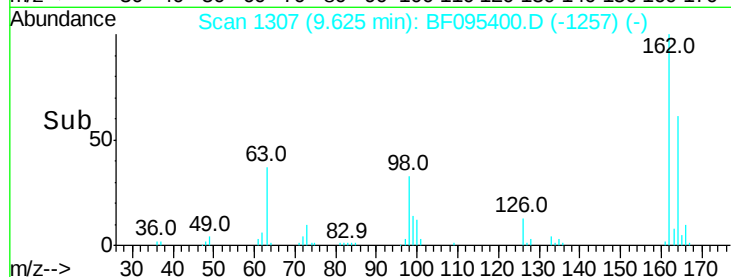
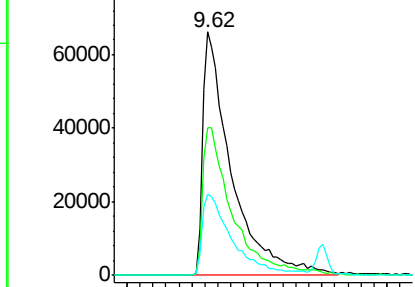
#29
 2,4-Dichlorophenol
 Concen: 45.88 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.7	44.6	84.6
98	33.2	14.8	54.8

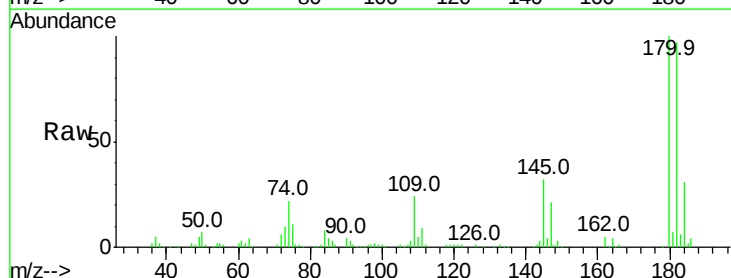


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

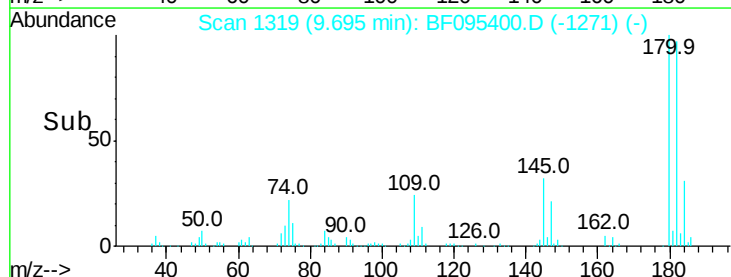
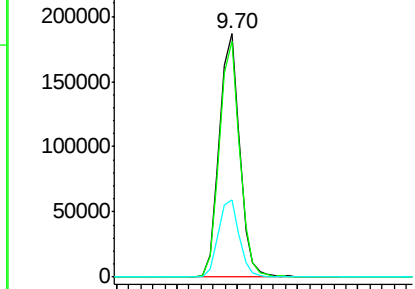


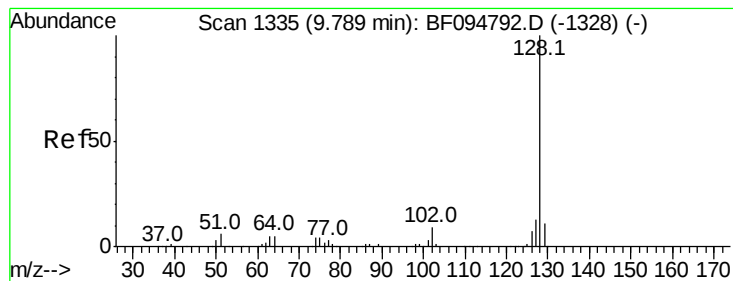
#30
 1,2,4-Trichlorobenzene
 Concen: 46.24 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.6
145	31.8	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: 45.15 ng

RT: 9.80 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

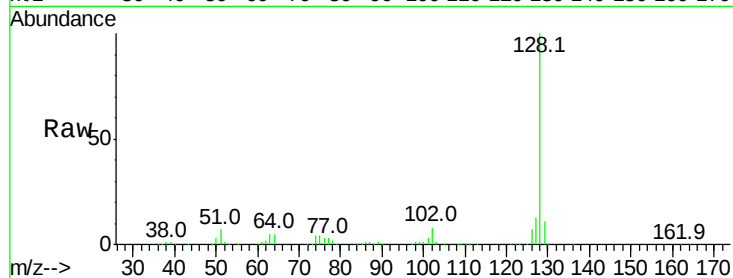
Tot Ion:128 Resp: 726324

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

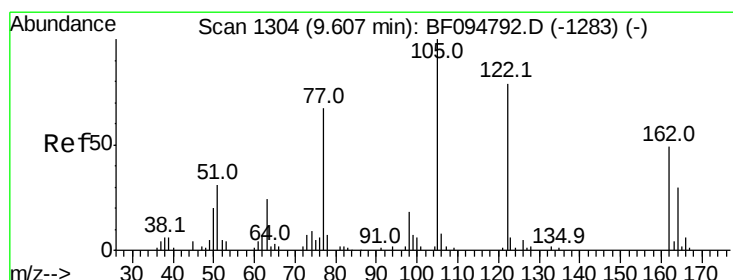
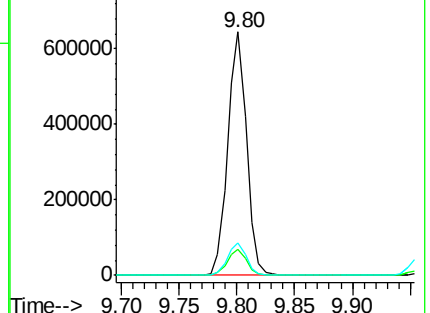
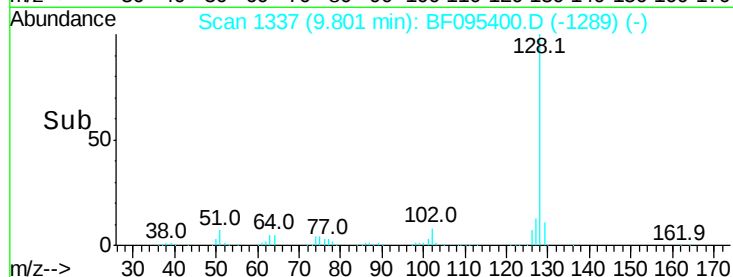
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.23 ng

RT: 9.64 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

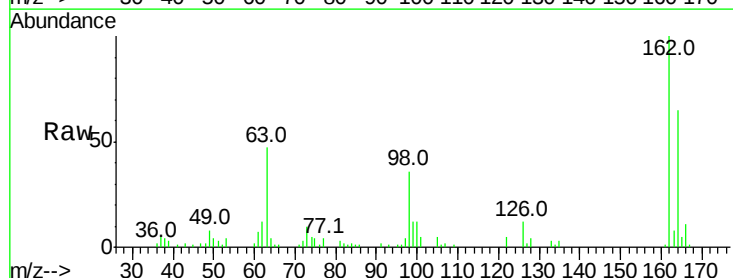
Tgt Ion:122 Resp: 7310

Ion Ratio Lower Upper

122 100

105 90.5 103.3 143.3#

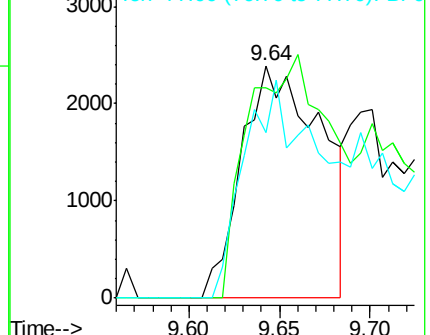
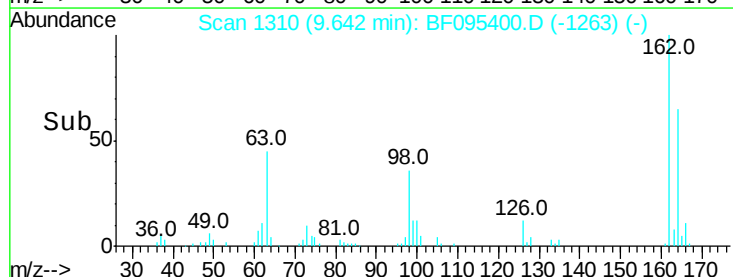
77 71.1 73.7 113.7#

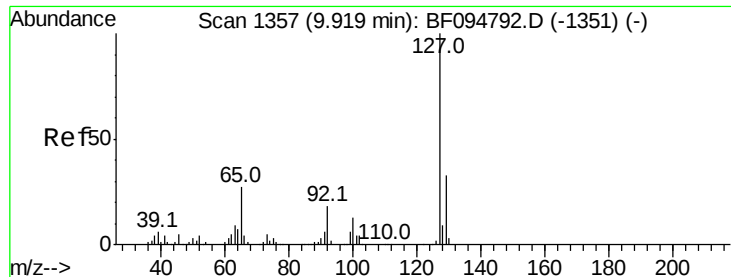


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

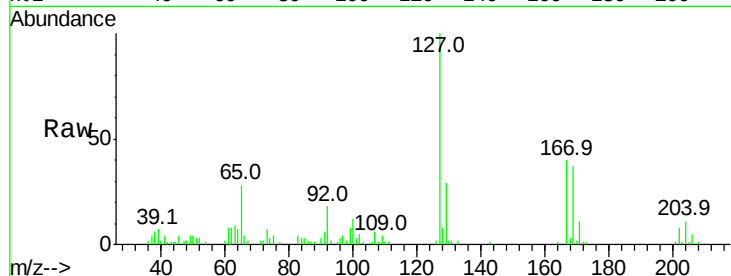




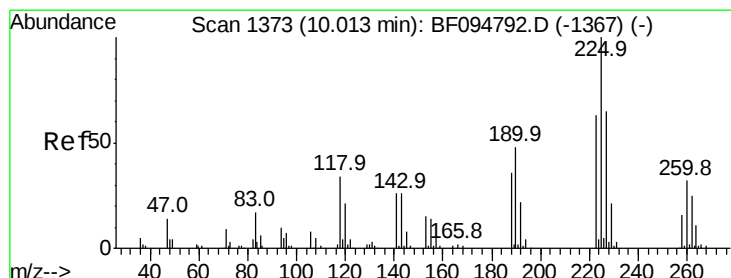
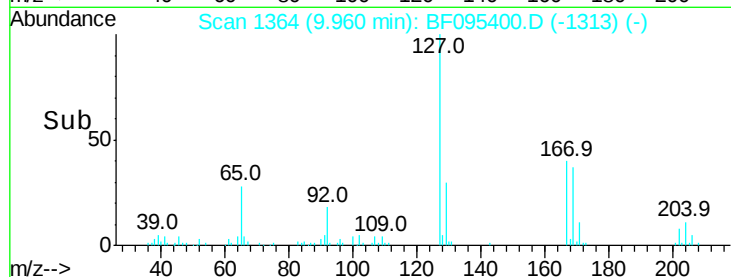
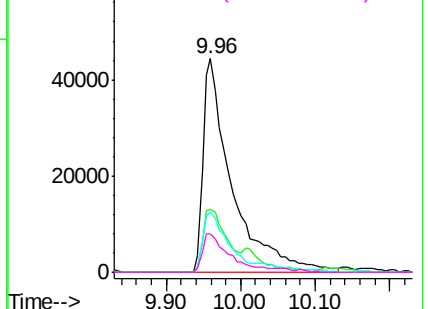
#33
4-Chloroaniline
Concen: 20.02 ng
RT: 9.96 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	120037
Ion	Ratio	Lower	Upper
127	100		
129	29.3	26.2	39.2
65	28.1	27.8	41.8
92	17.8	16.8	25.2

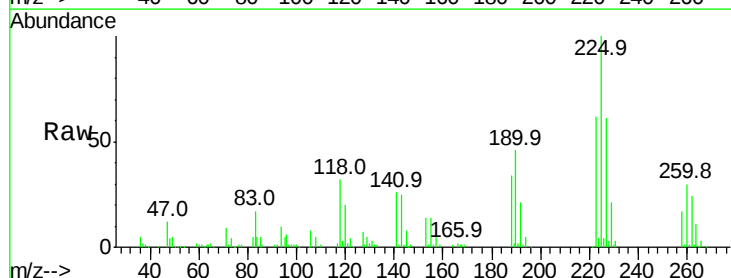


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

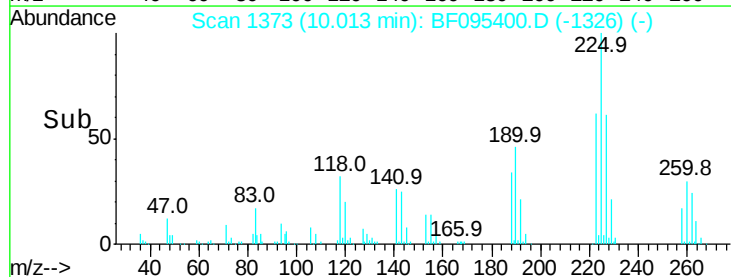
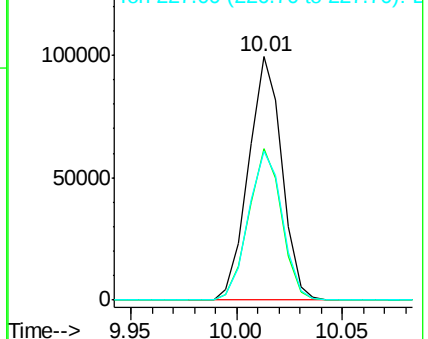


#34
Hexachlorobutadiene
Concen: 44.10 ng
RT: 10.01 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion:	225	Resp:	109253
Ion	Ratio	Lower	Upper
225	100		
223	62.5	48.8	73.2
227	61.3	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: 41.97 ng

RT: 10.57 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampled :

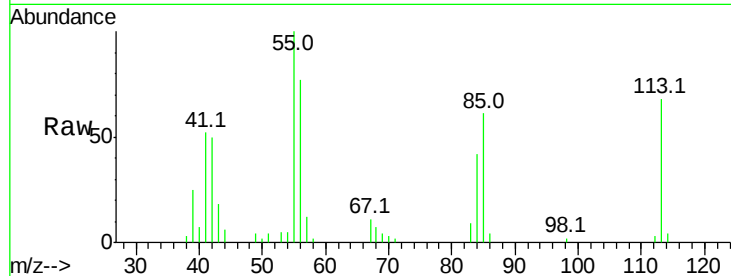
Tot Ion:113 Resp: 55236

Ion Ratio Lower Upper

113 100

55 146.8 150.2 190.2#

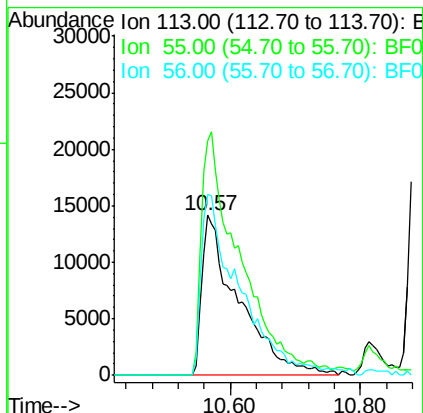
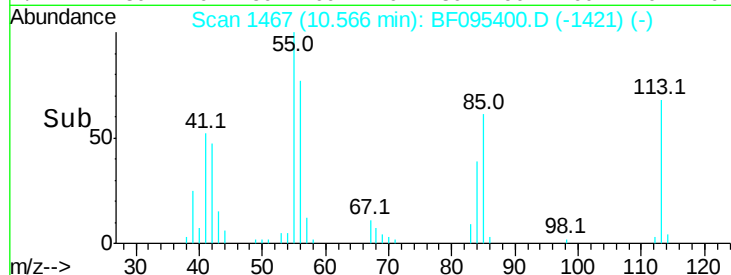
56 112.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.51 ng

RT: 10.81 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

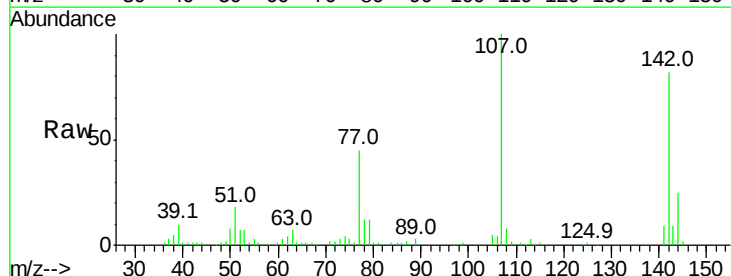
Tgt Ion:107 Resp: 199210

Ion Ratio Lower Upper

107 100

144 24.8 24.2 36.4

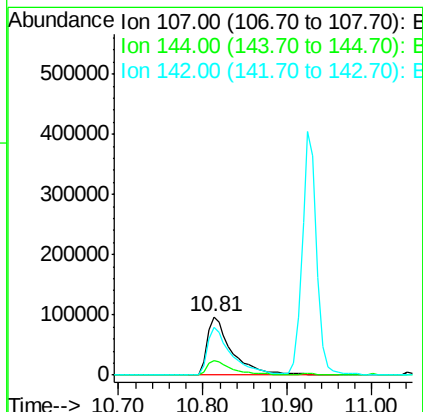
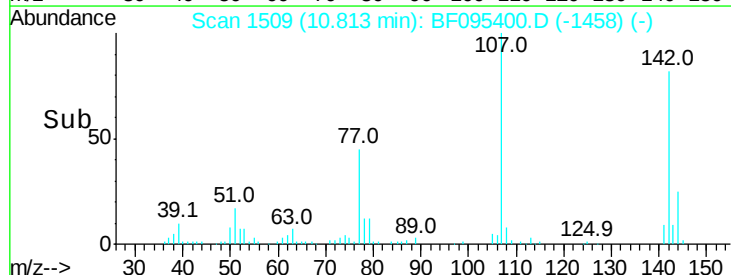
142 81.9 73.4 110.0

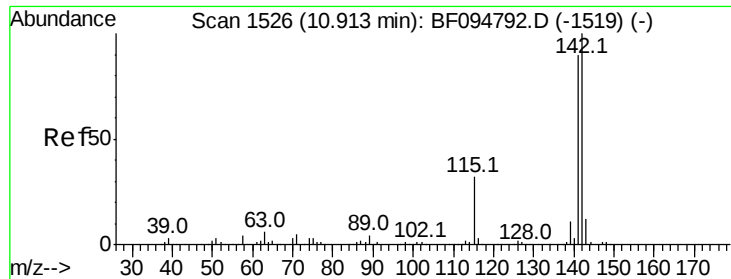


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

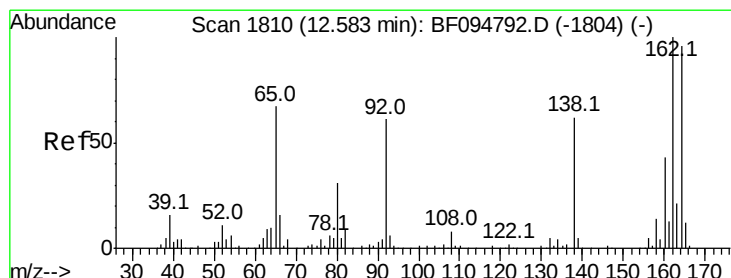
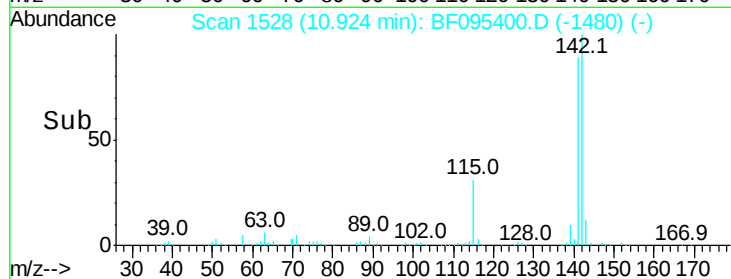
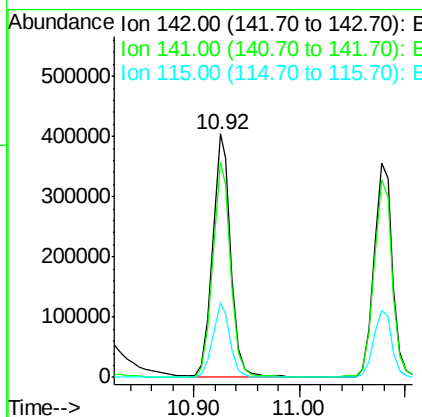
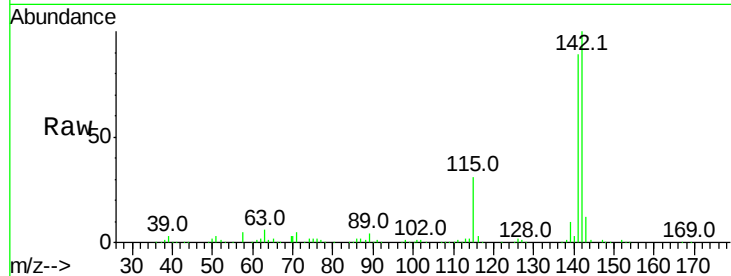




#37
2-Methylnaphthalene
Concen: 46.48 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

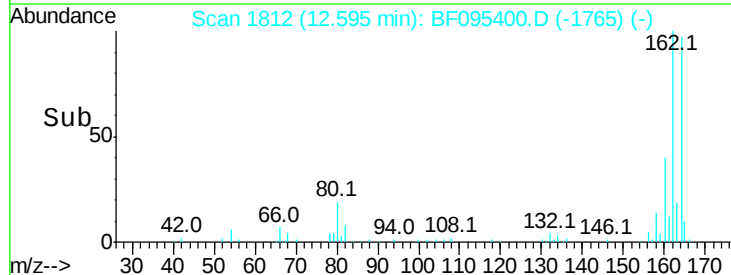
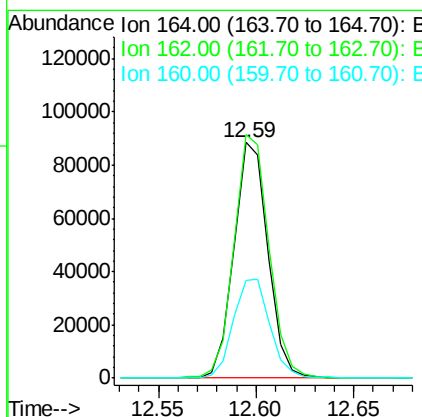
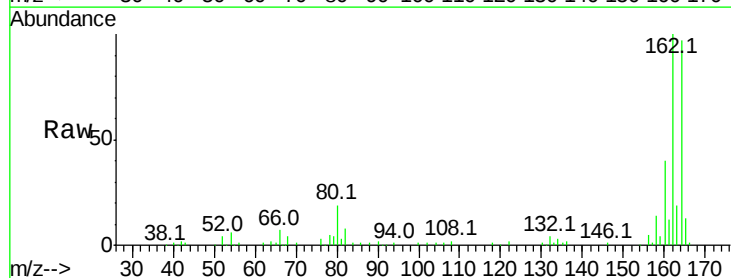
Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 490729
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9
115 30.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion:164 Resp: 106368
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 41.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 57.02 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 186523

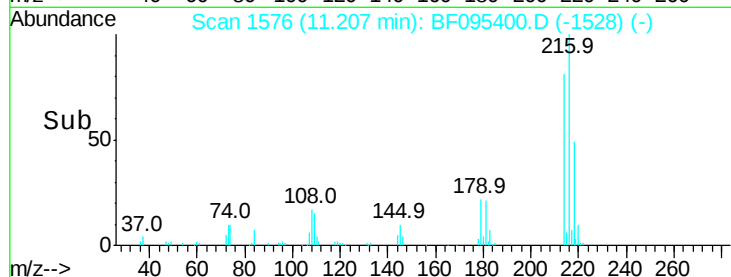
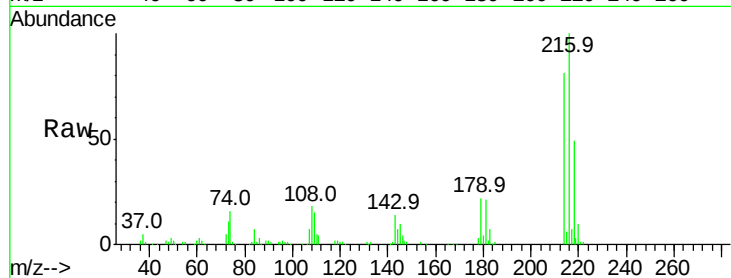
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 21.7 17.9 26.9

108 18.1 16.5 24.7

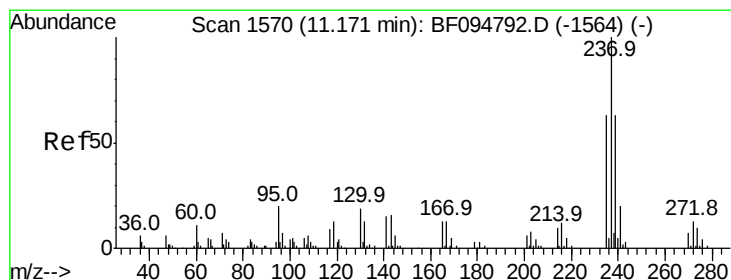
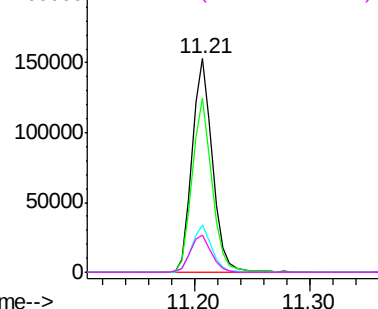


Abundance Ion 216.00 (215.70 to 216.70): E

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: 7.47 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

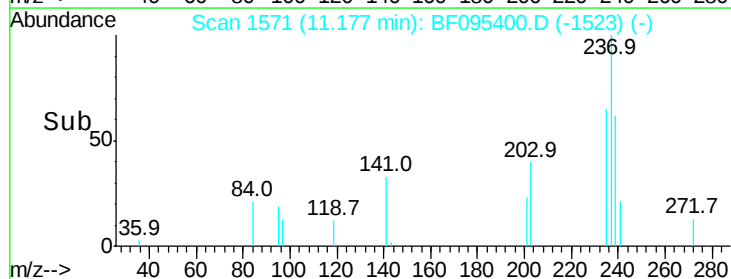
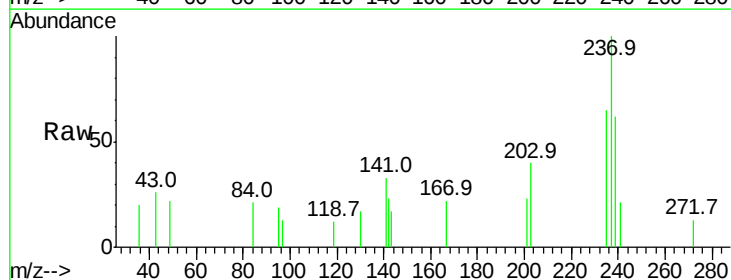
Tgt Ion:237 Resp: 2109

Ion Ratio Lower Upper

237 100

235 65.4 42.6 82.6

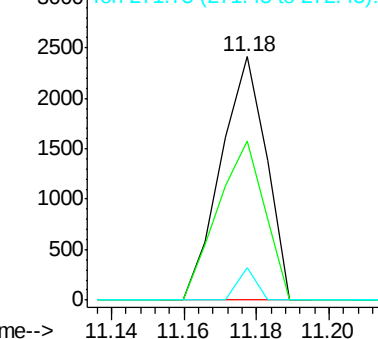
272 13.2 0.0 31.9



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

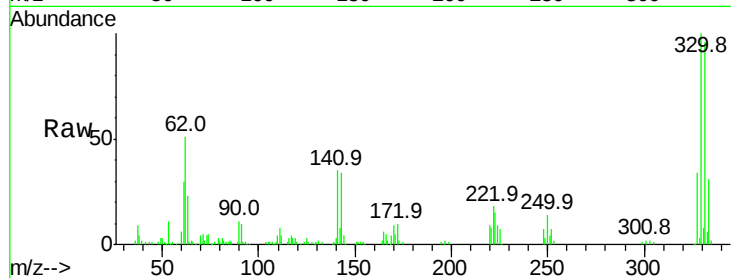




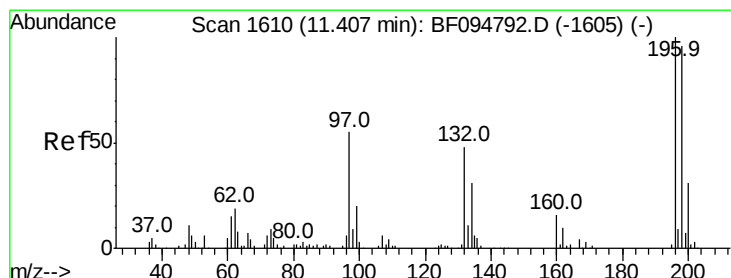
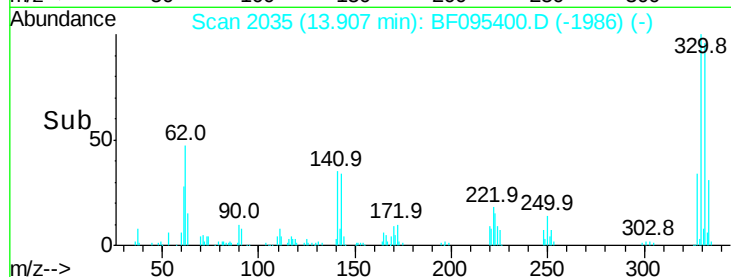
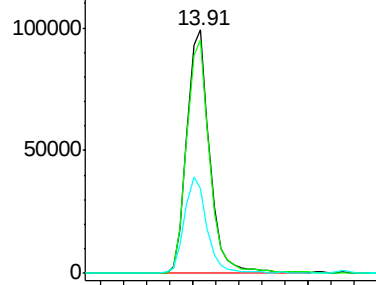
#41
 2,4,6-Tribromophenol
 Concen: 156.33 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 136182
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.8 31.4 47.2

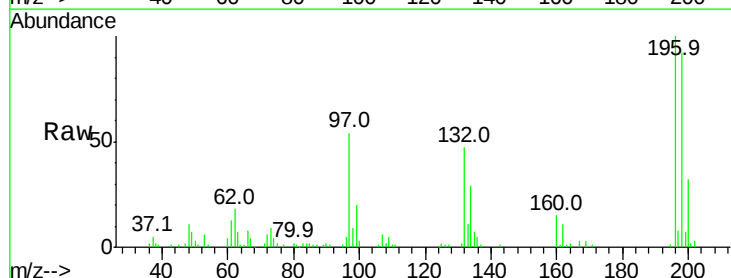


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

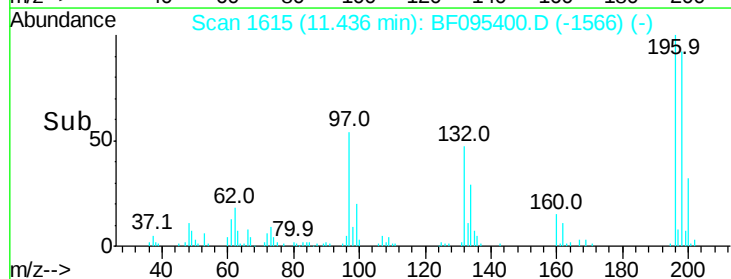
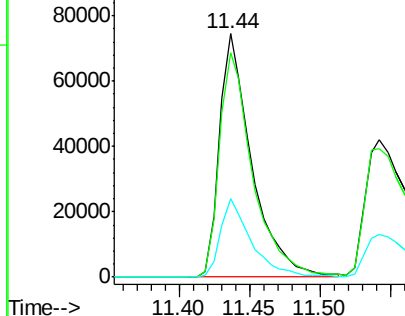


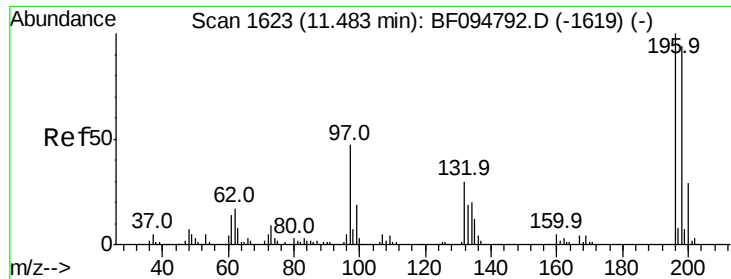
#42
 2,4,6-Trichlorophenol
 Concen: 54.60 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion:196 Resp: 119238
 Ion Ratio Lower Upper
 196 100
 198 92.0 74.2 111.4
 200 32.2 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

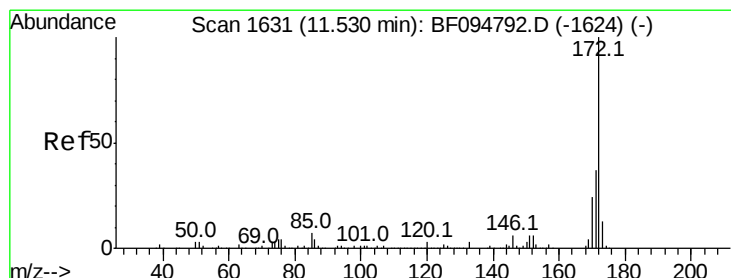
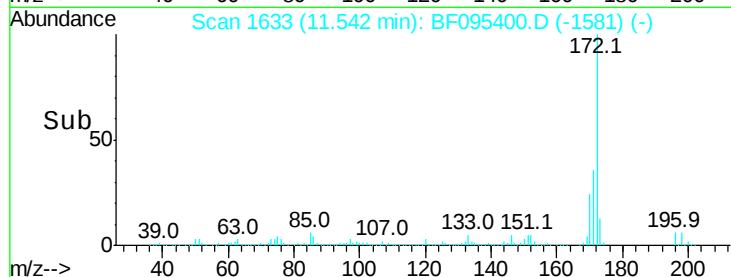
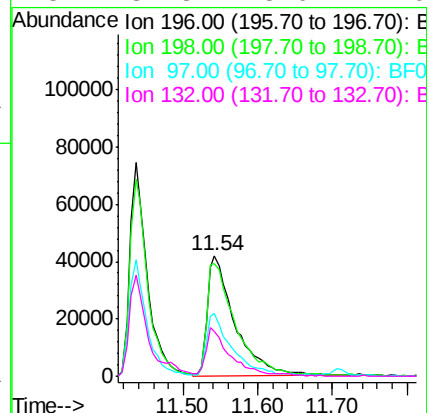
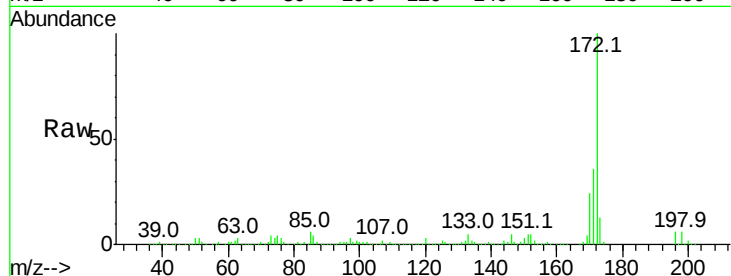




#43
 2,4,5-Trichlorophenol
 Concen: 46.02 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

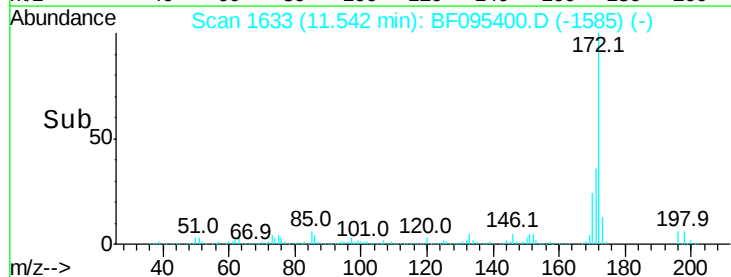
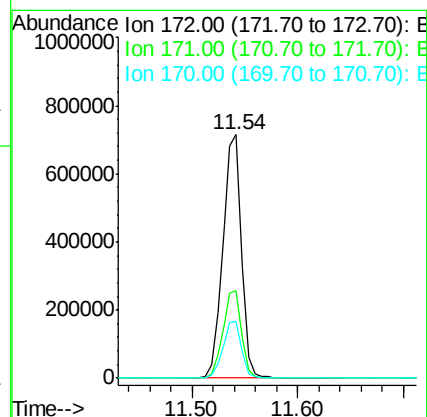
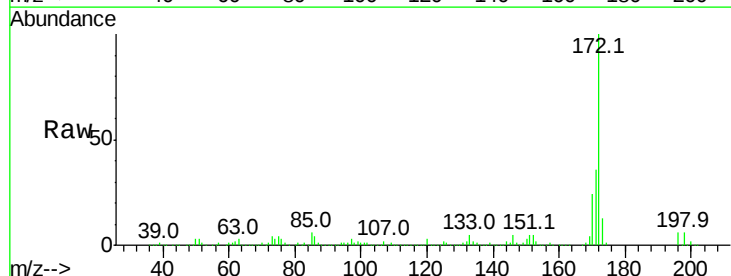
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 108018
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 97 51.7 47.7 71.5
 132 37.3 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 119.63 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion:172 Resp: 884042
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.5 19.8 29.8





#45

1,1'-Biphenyl

Concen: 59.83 ng

RT: 11.69 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

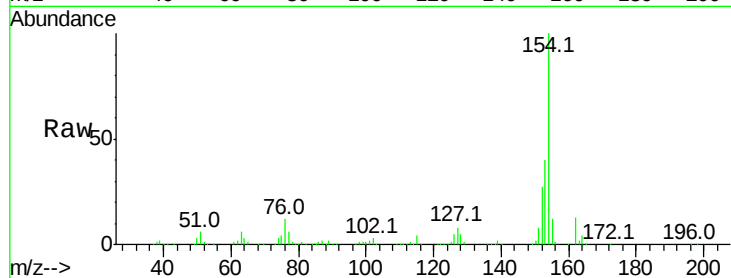
Tot Ion:154 Resp: 535786

Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

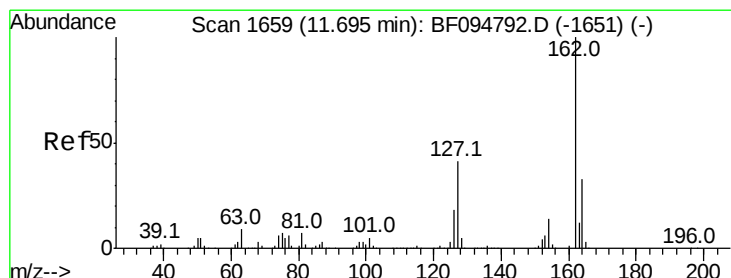
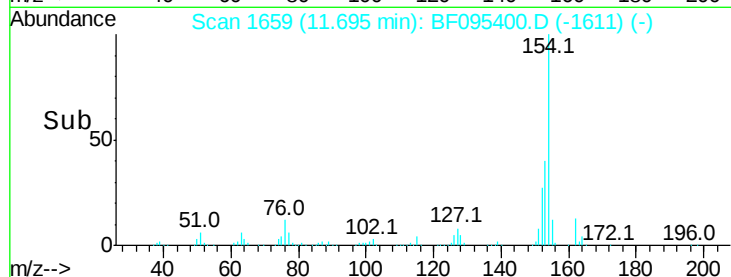
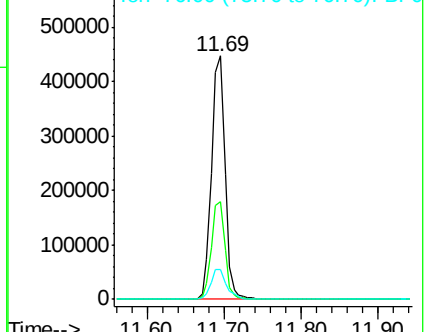
76 12.4 0.0 29.9



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: 56.29 ng

RT: 11.71 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

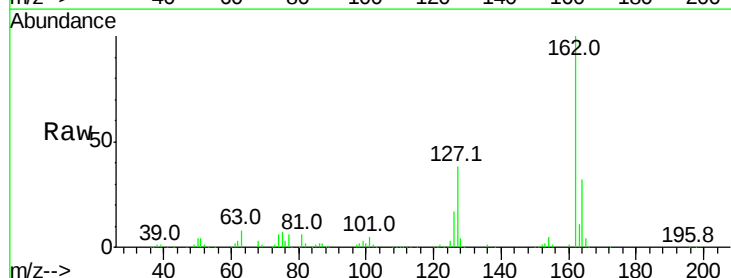
Tgt Ion:162 Resp: 407020

Ion Ratio Lower Upper

162 100

127 38.2 28.3 42.5

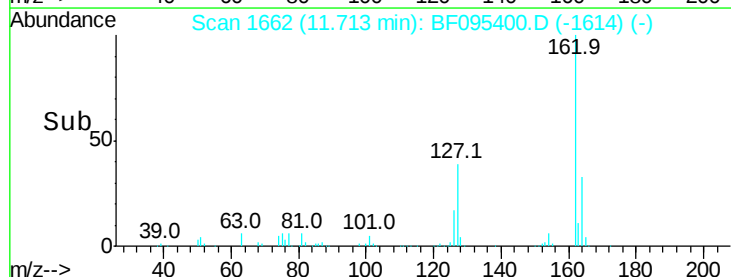
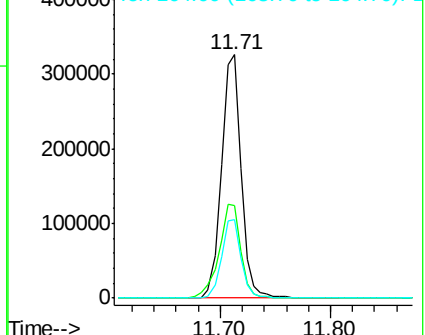
164 32.4 27.0 40.4

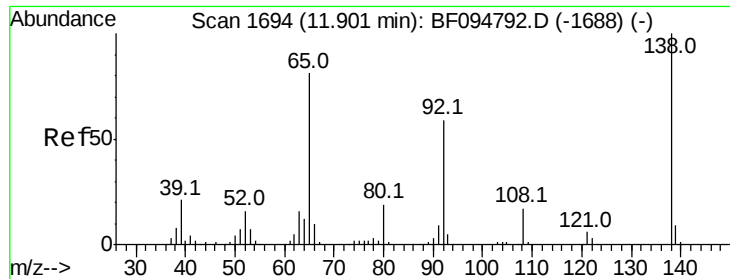


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

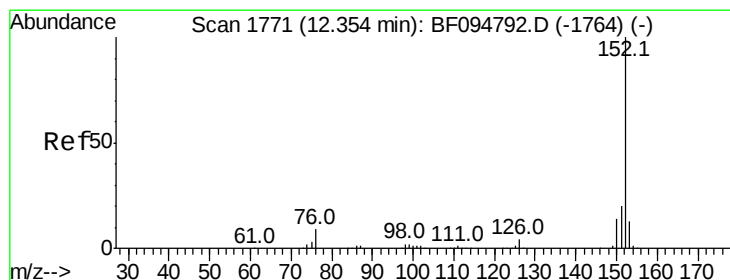
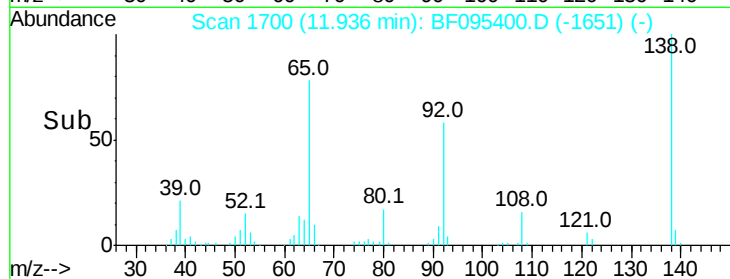
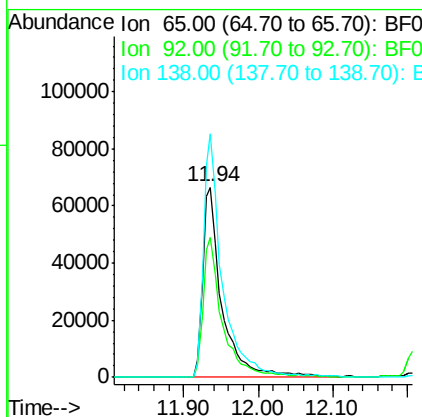
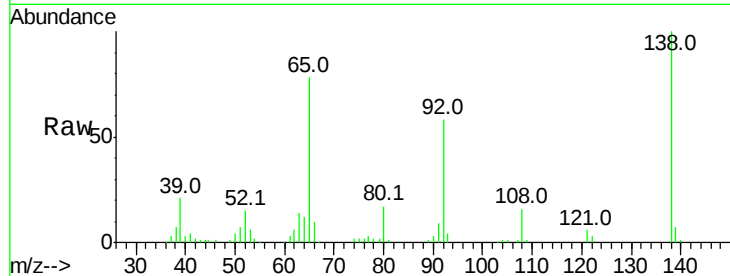




#47
 2-Nitroaniline
 Concen: 61.00 ng
 RT: 11.94 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

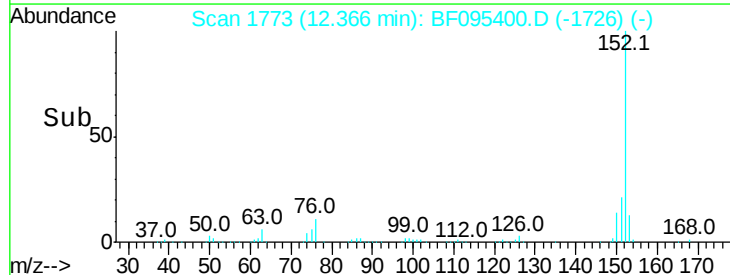
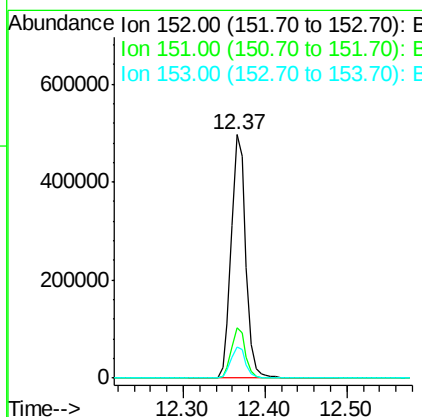
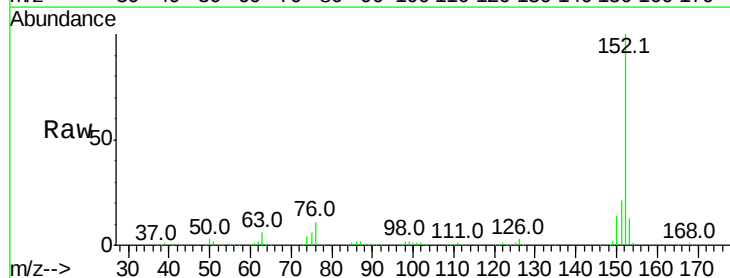
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 120726
 Ion Ratio Lower Upper
 65 100
 92 73.8 53.9 80.9
 138 127.9 78.8 118.2#



#48
 Acenaphthylene
 Concen: 54.25 ng
 RT: 12.37 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion:152 Resp: 614417
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 68.08 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

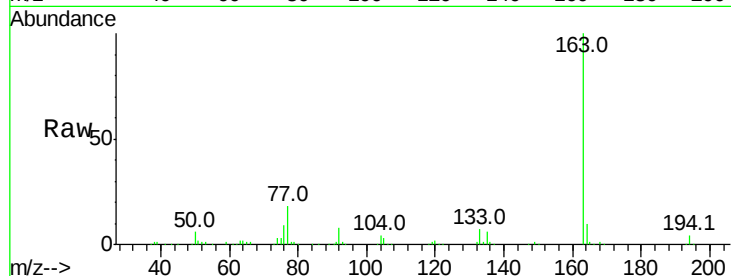
Tot Ion:163 Resp: 594486

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

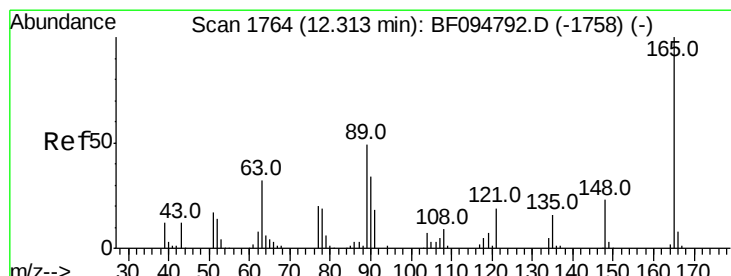
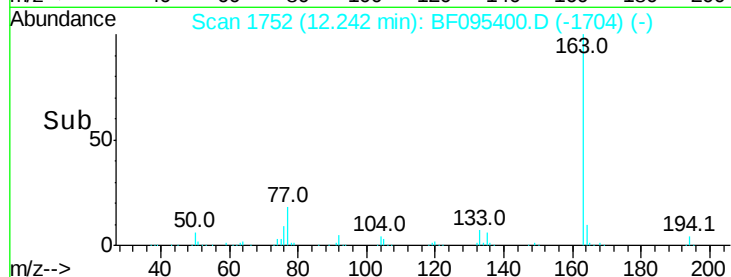
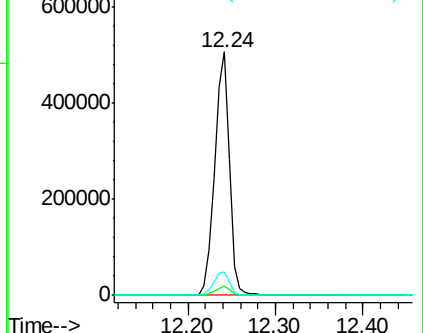
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.62 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

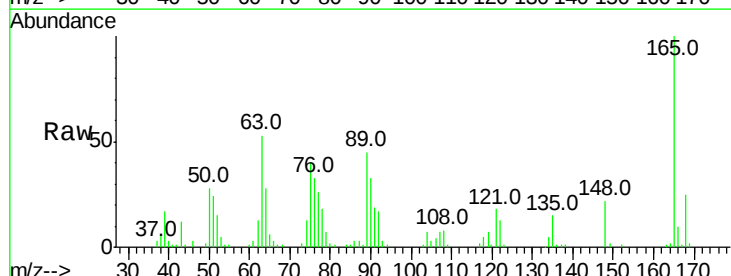
Tgt Ion:165 Resp: 79485

Ion Ratio Lower Upper

165 100

63 52.9 34.3 51.5#

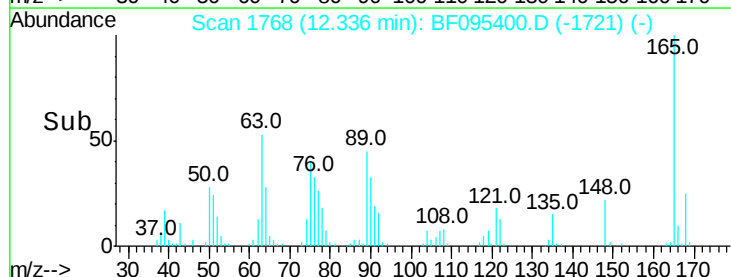
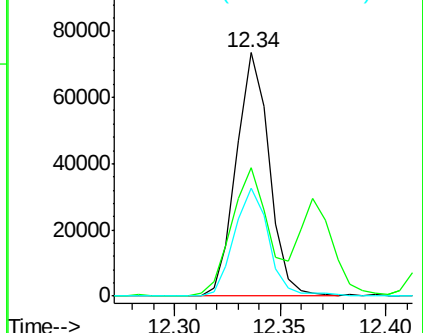
89 44.5 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

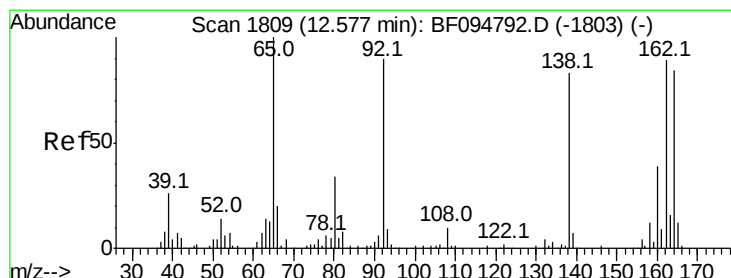
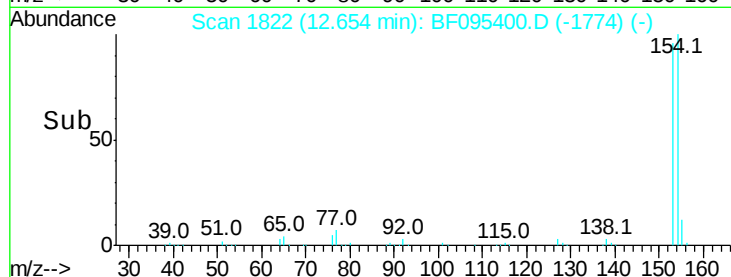
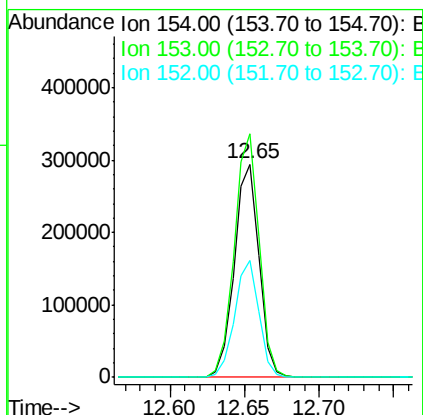
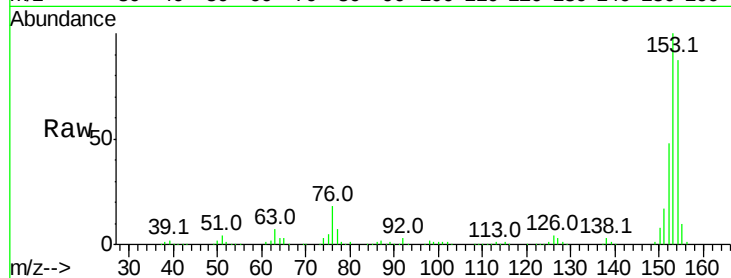




#51
Acenaphthene
Concen: 50.53 ng
RT: 12.65 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

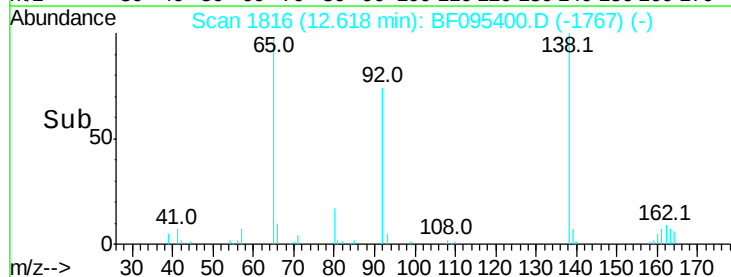
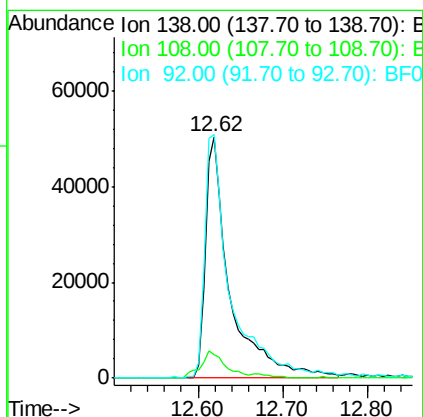
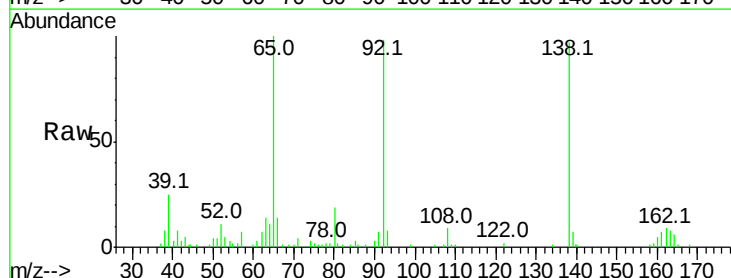
Instrument :
BNA_F
ClientSampleId :

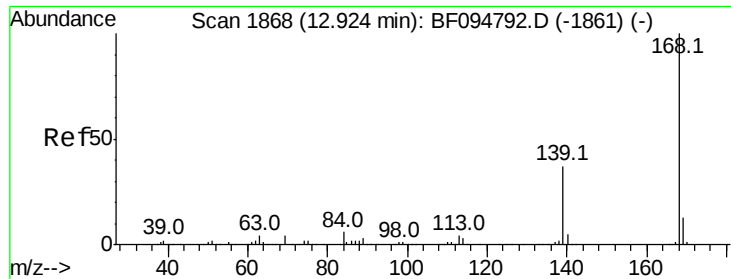
Tot Ion:154 Resp: 341836
Ion Ratio Lower Upper
154 100
153 114.4 90.5 135.7
152 54.8 43.6 65.4



#52
3-Nitroaniline
Concen: 53.63 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion:138 Resp: 102551
Ion Ratio Lower Upper
138 100
108 9.7 9.1 13.7
92 101.0 93.8 140.6

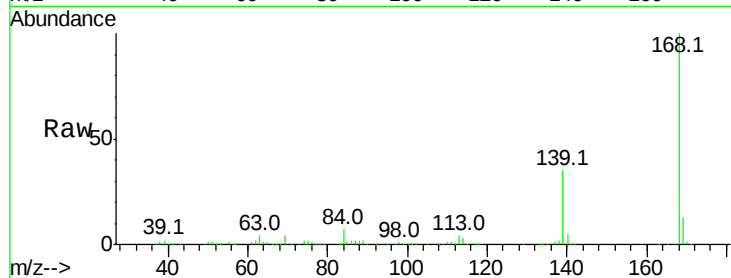




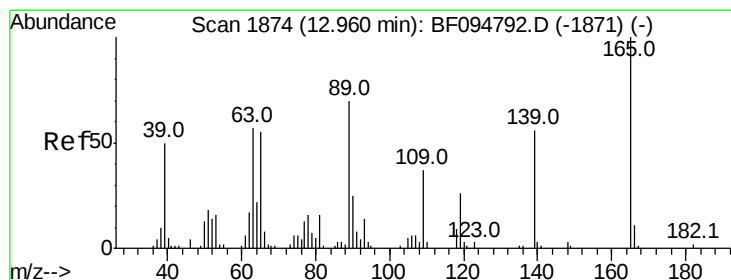
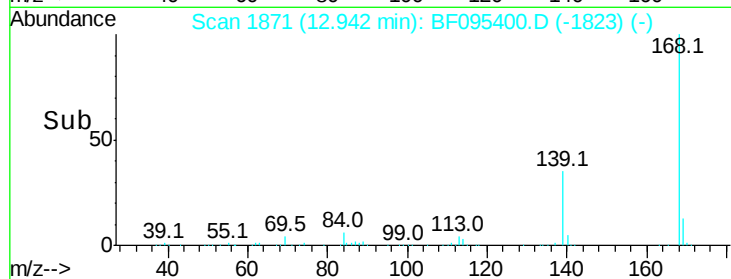
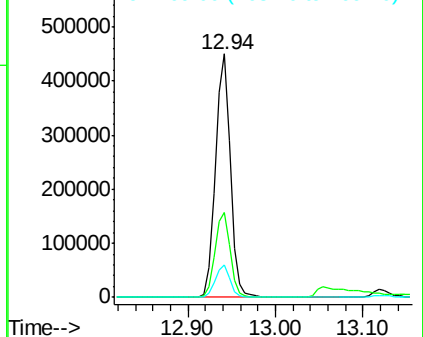
#54
Dibenzenofuran
Concen: 57.08 ng
RT: 12.94 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 534326
Ion Ratio Lower Upper
168 100
139 35.1 30.6 45.8
169 13.2 10.8 16.2

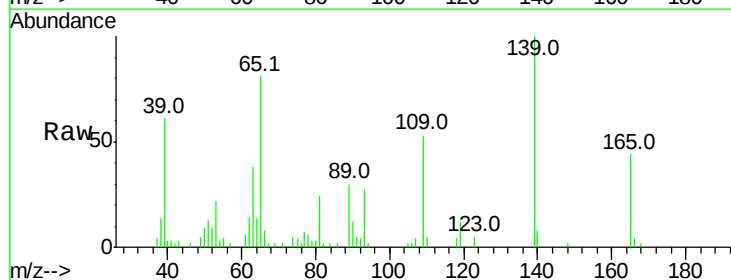


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

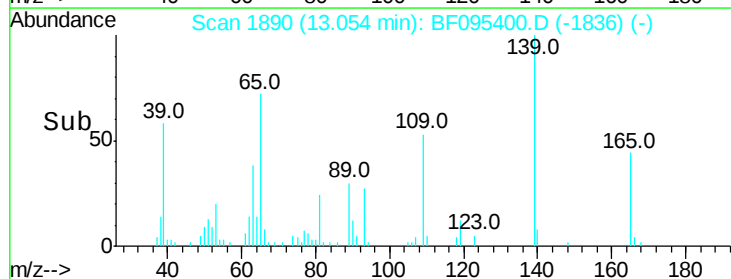
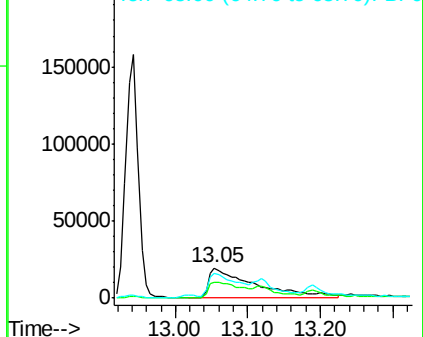


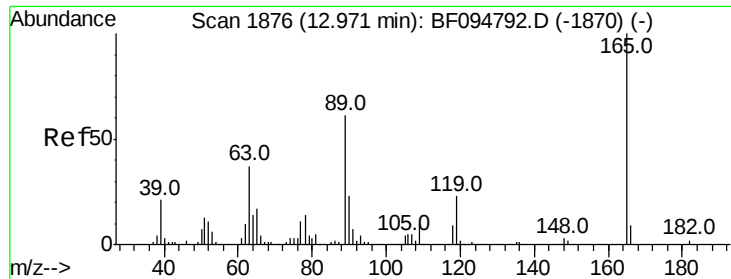
#55
4-Nitrophenol
Concen: 76.82 ng
RT: 13.05 min Scan# 1890
Delta R.T. 0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion:139 Resp: 88220
Ion Ratio Lower Upper
139 100
109 53.3 34.1 74.1
65 80.9 31.4 71.4#



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

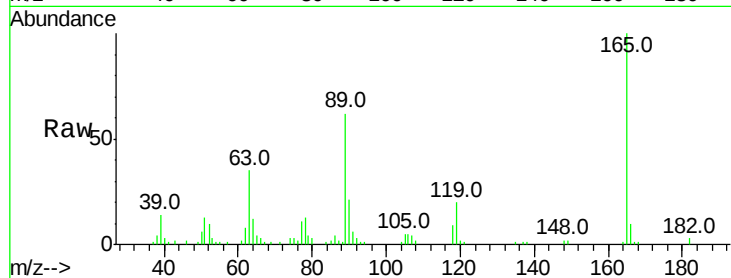




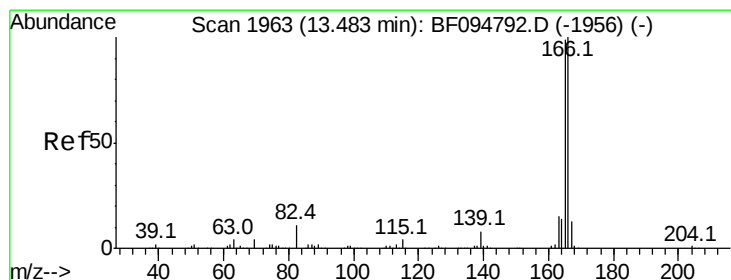
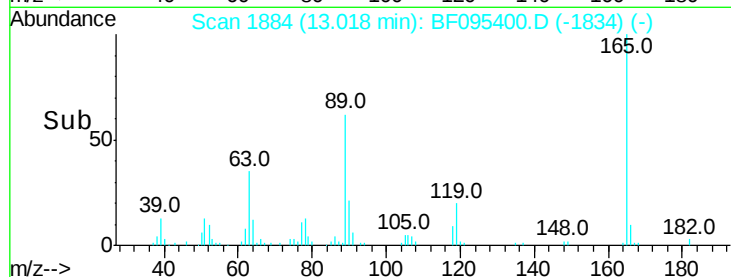
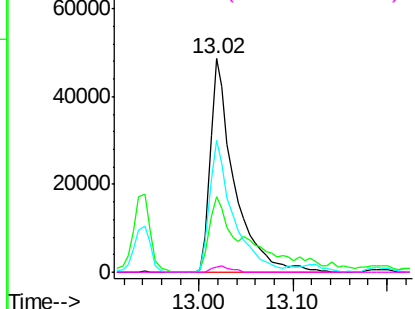
#56
2,4-Dinitrotoluene
Concen: 37.92 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 86807
Ion Ratio Lower Upper
165 100
63 35.5 25.4 38.0
89 61.7 46.4 69.6
182 2.6 1.8 2.6

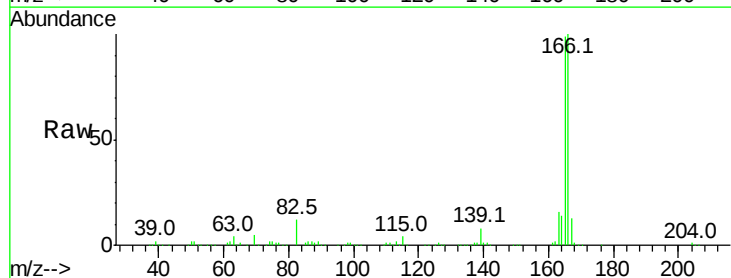


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

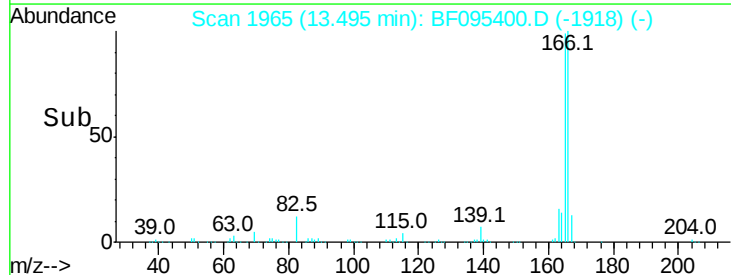
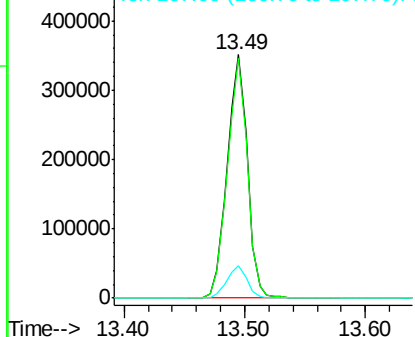


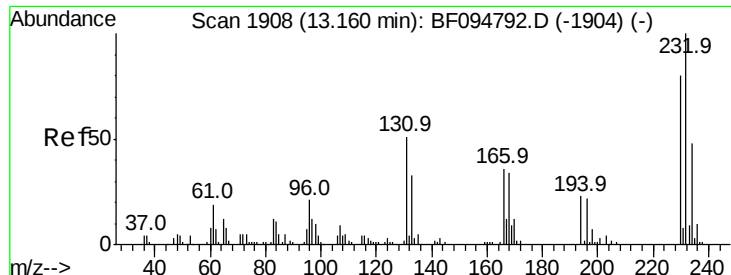
#57
Fluorene
Concen: 50.14 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion:166 Resp: 408130
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.3 10.6 16.0



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

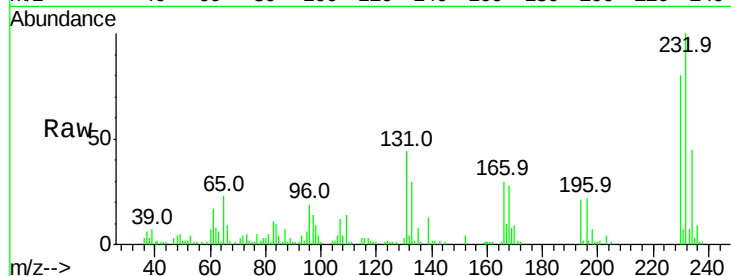




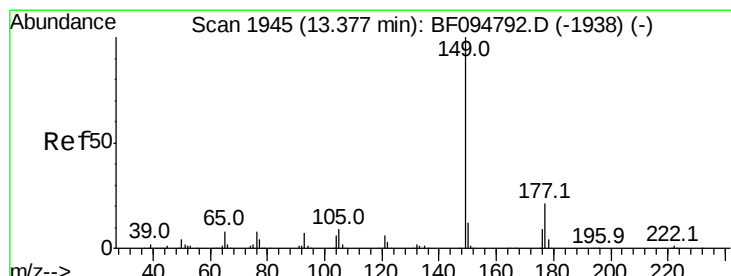
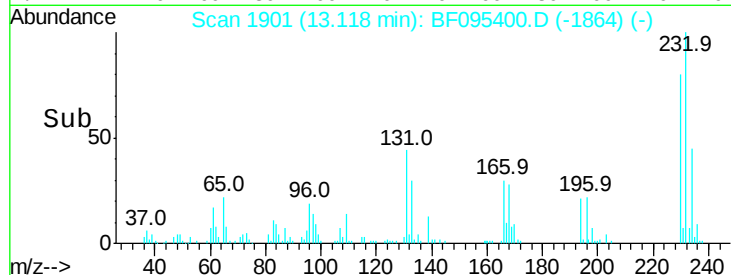
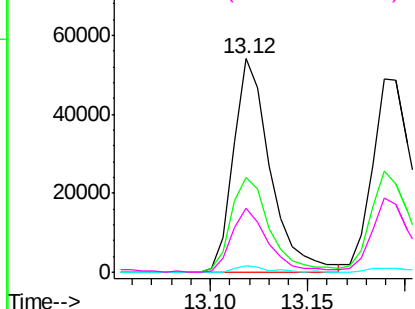
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.22 ng
 RT: 13.12 min Scan# 1901
 Delta R.T. -0.08 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	71233
Ion	Ratio	Lower	Upper
232	100		
131	46.9	44.8	67.2
130	2.8	2.3	3.5
166	29.6	29.0	43.4

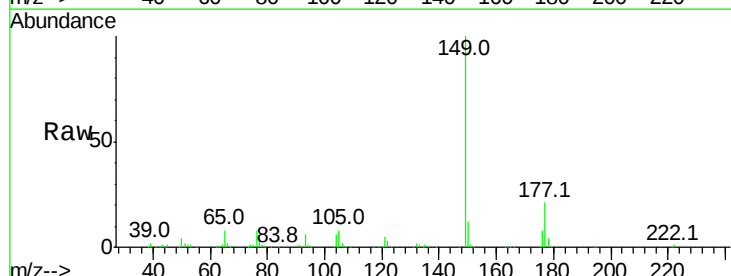


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

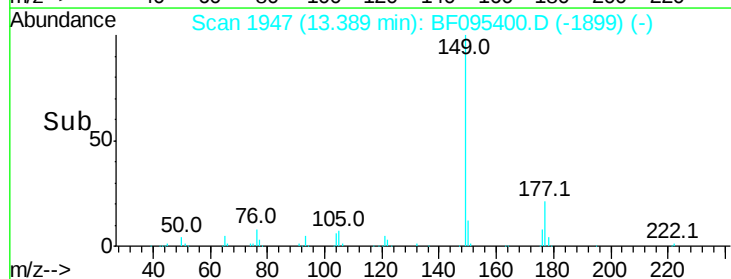
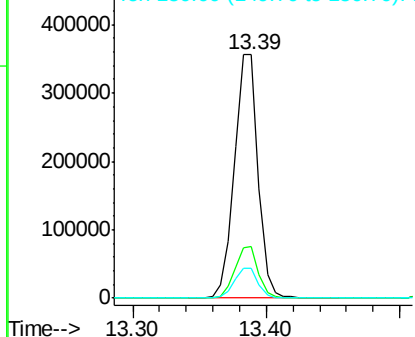


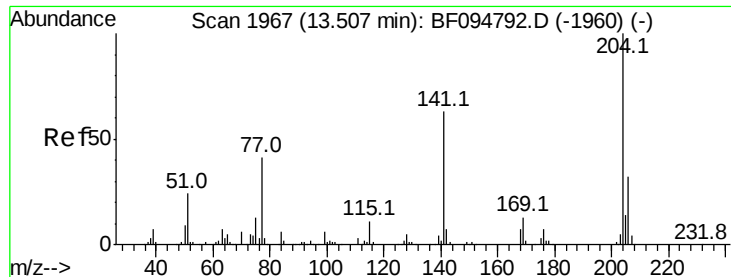
#59
 Diethylphthalate
 Concen: 52.75 ng
 RT: 13.39 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion:	149	Resp:	441481
Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.0	10.2	15.2



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

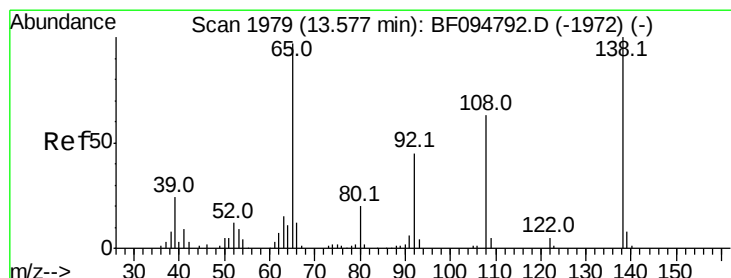
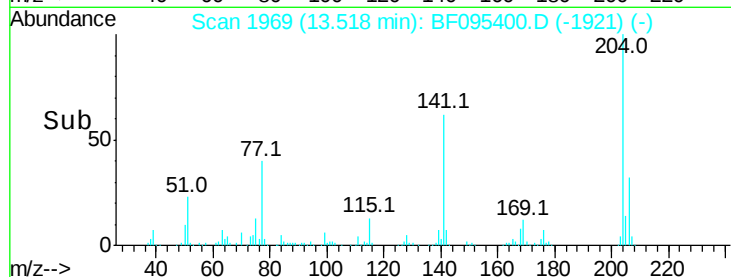
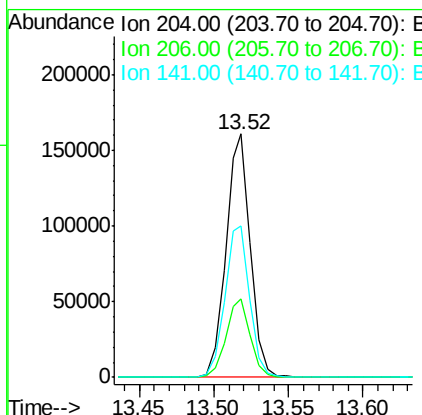
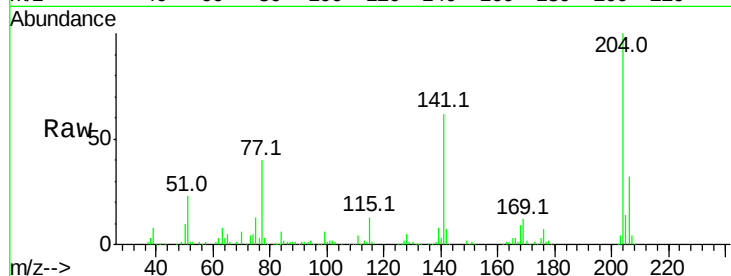




#60
4-Chlorophenyl-phenylether
Concen: 51.46 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

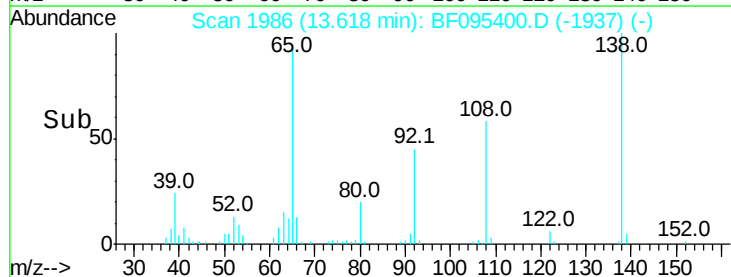
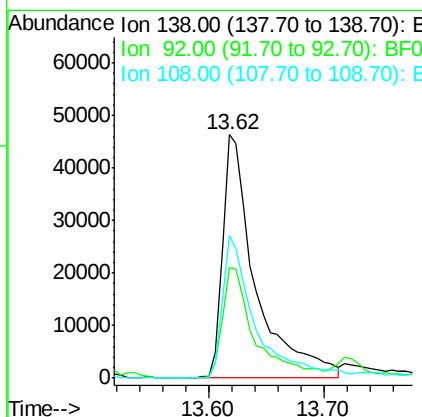
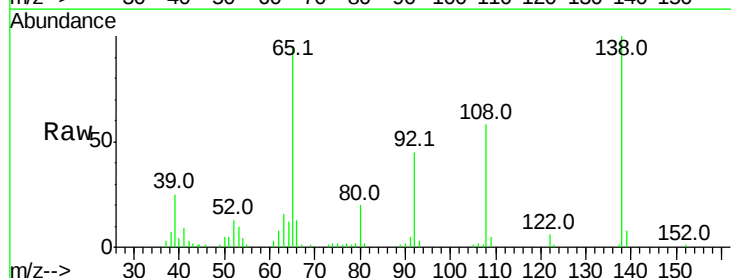
Instrument :
BNA_F
ClientSampleId :

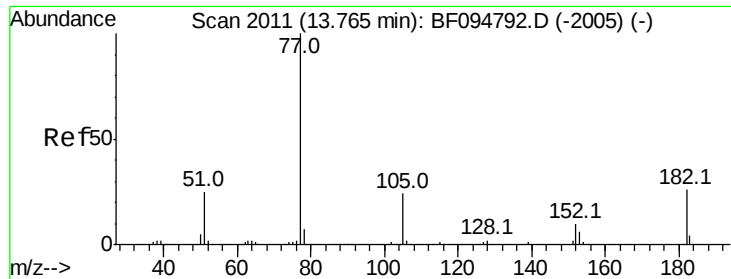
Tot Ion:204 Resp: 184089
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 62.5 60.8 91.2



#61
4-Nitroaniline
Concen: 52.27 ng
RT: 13.62 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion:138 Resp: 91745
Ion Ratio Lower Upper
138 100
92 45.2 21.8 61.8
108 58.4 42.3 82.3

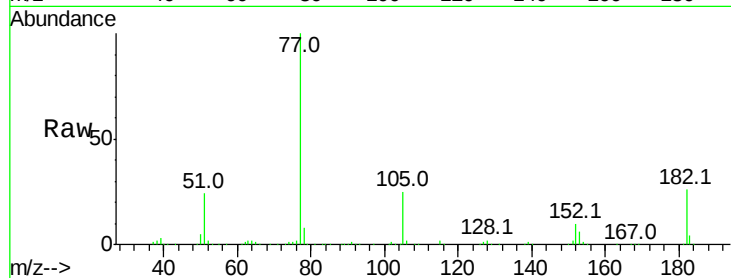




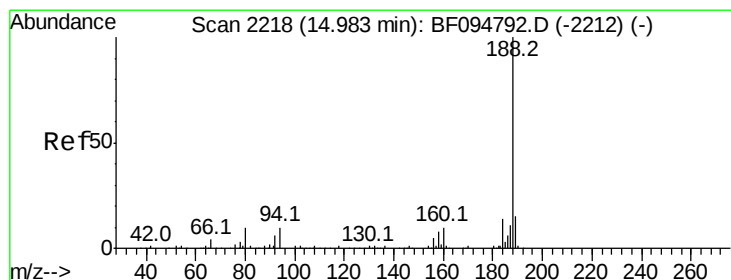
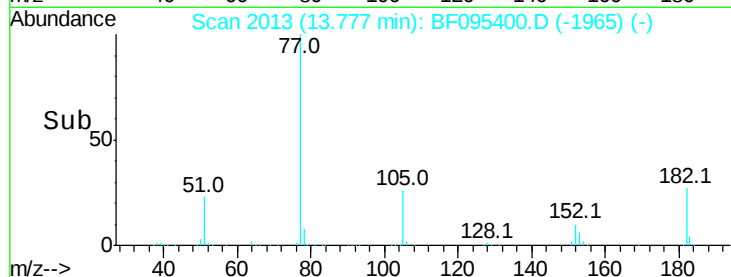
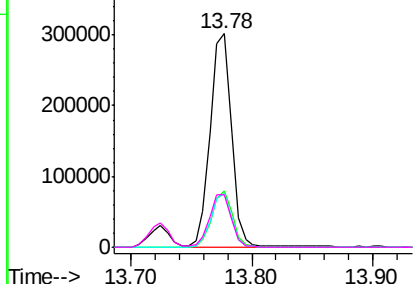
#62
Azobenzene
Concen: 54.49 ng
RT: 13.78 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 366446
Ion Ratio Lower Upper
77 100
182 26.4 0.1 40.1
105 25.2 3.6 43.6
51 24.3 9.4 49.4

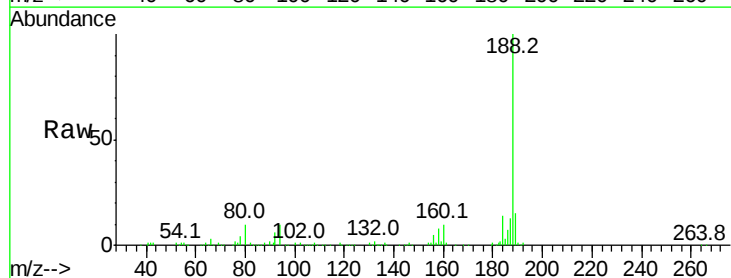


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

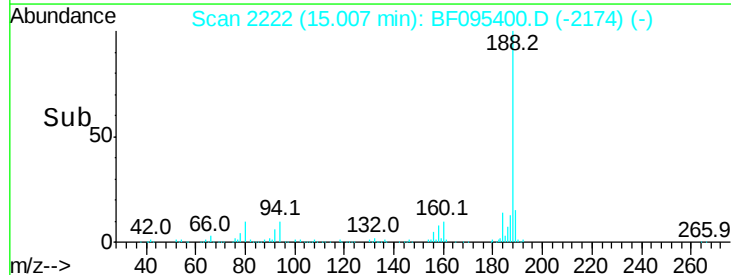
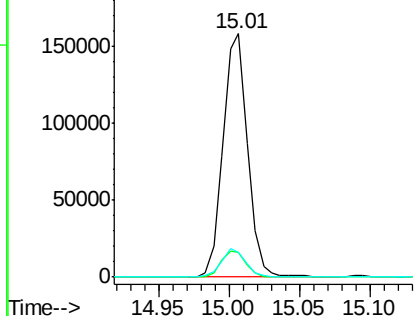


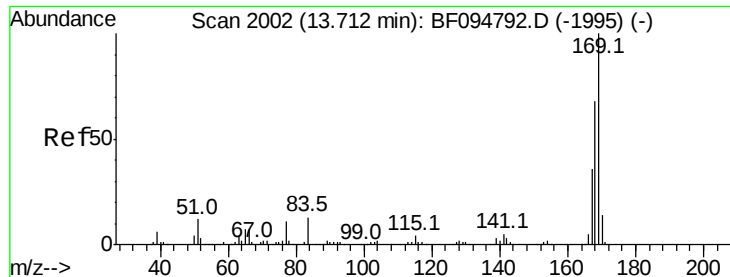
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion: 188 Resp: 190890
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.4 10.2 15.2



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





#65

n-Nitrosodiphenylamine

Concen: 50.31 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

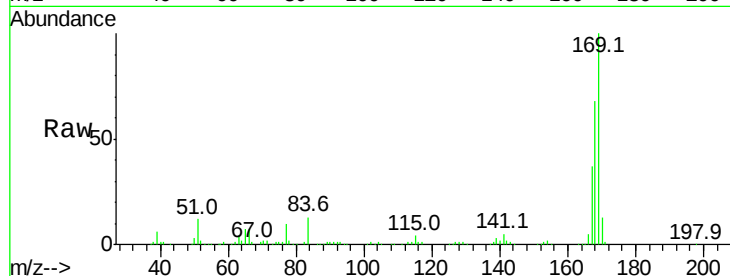
Tot Ion:169 Resp: 348572

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

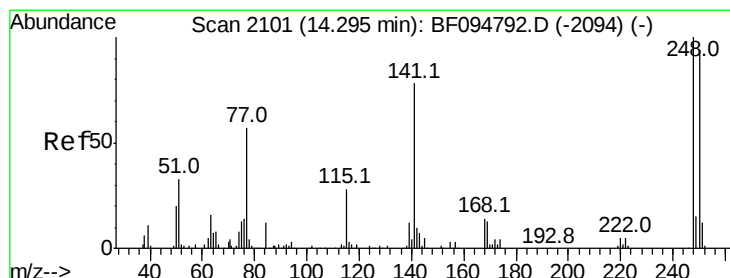
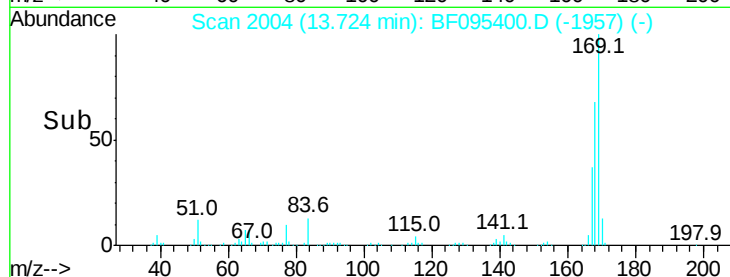
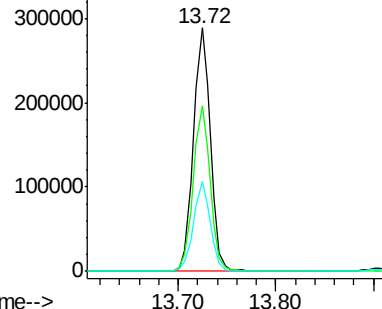
167 36.9 29.5 44.3



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: 49.40 ng

RT: 14.30 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

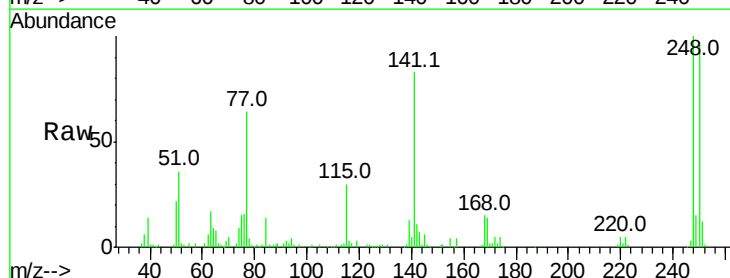
Tgt Ion:248 Resp: 99621

Ion Ratio Lower Upper

248 100

250 95.9 76.8 115.2

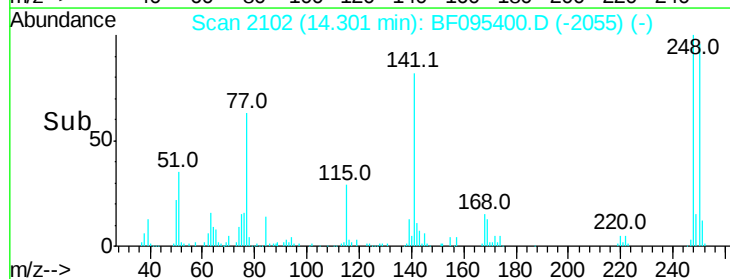
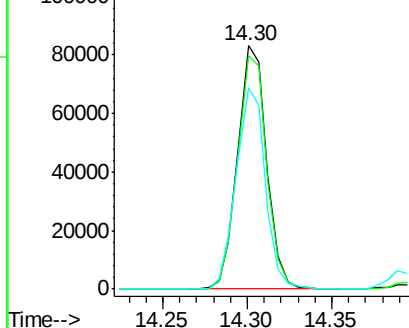
141 82.9 68.6 103.0

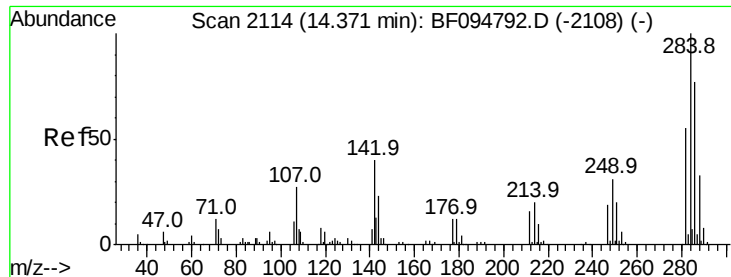


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

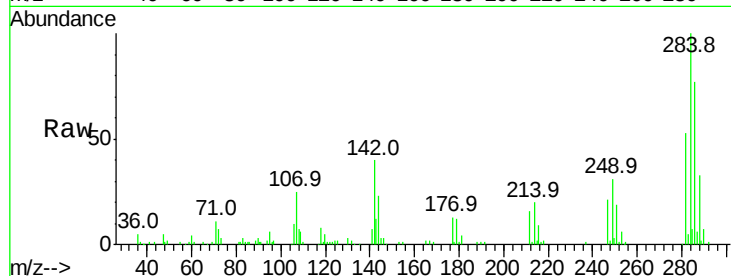




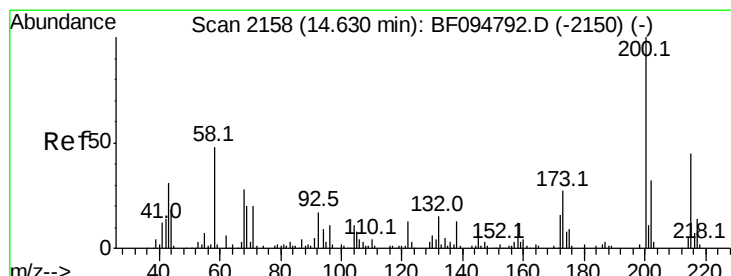
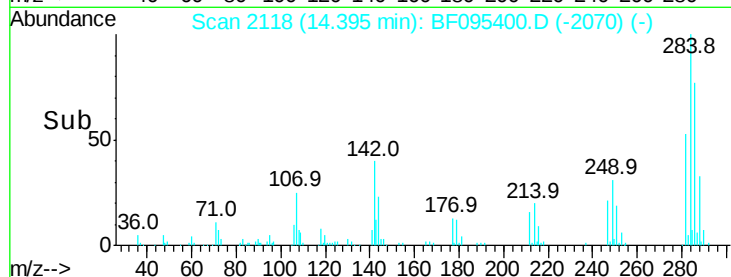
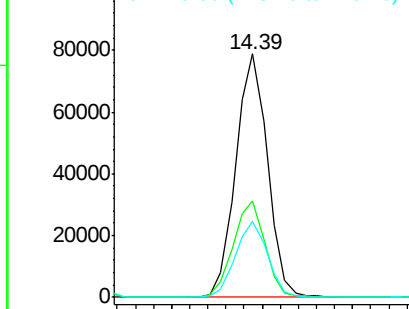
#67
Hexachlorobenzene
Concen: 46.34 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 95776
Ion Ratio Lower Upper
284 100
142 39.5 22.8 34.2#
249 31.3 24.0 36.0

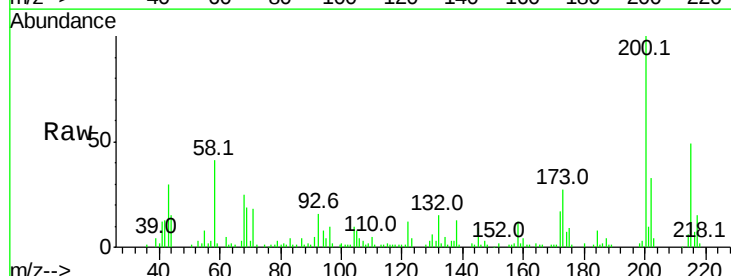


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

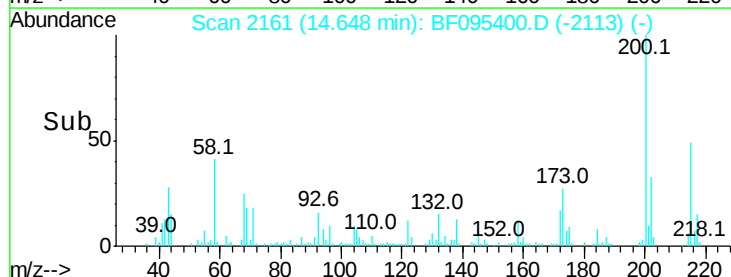
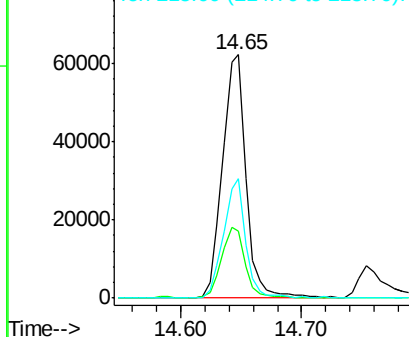


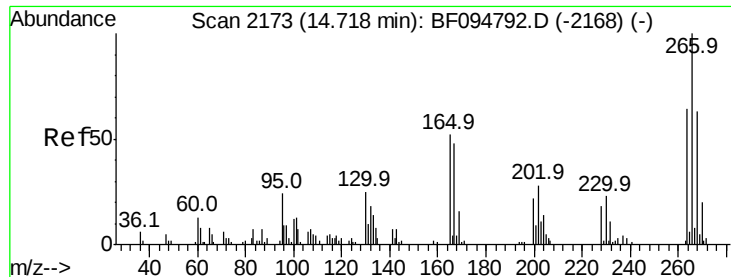
#68
Atrazine
Concen: 43.05 ng
RT: 14.65 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion:200 Resp: 84210
Ion Ratio Lower Upper
200 100
173 27.4 6.3 46.3
215 49.0 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

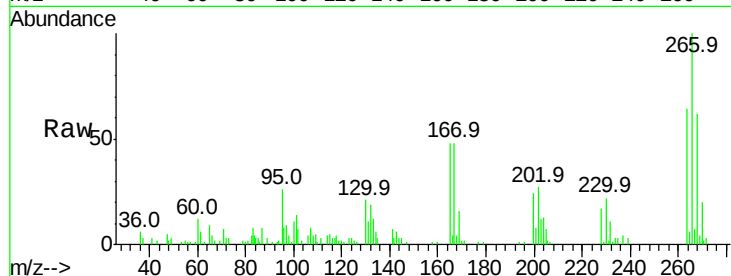




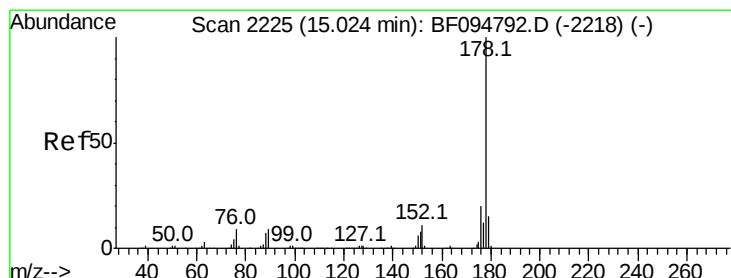
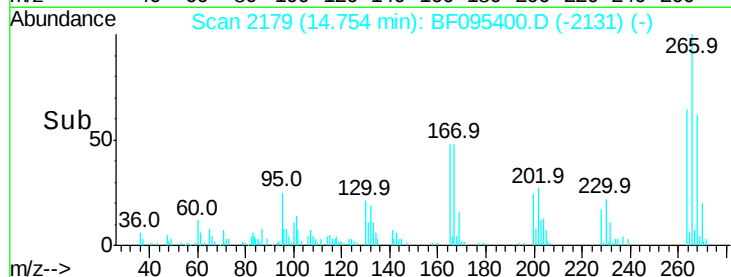
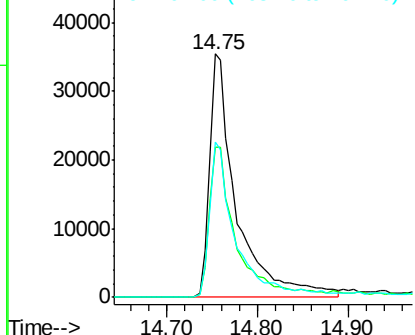
#69
 Pentachlorophenol
 Concen: 78.78 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 73531
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 64.0 51.7 77.5

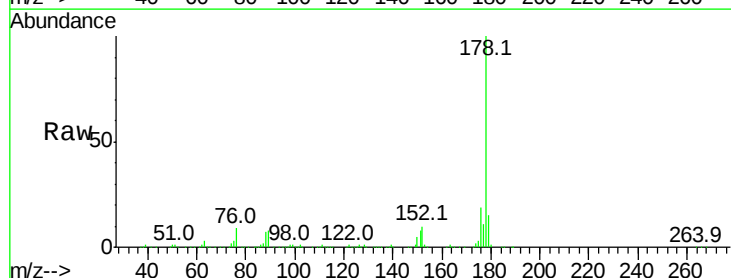


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

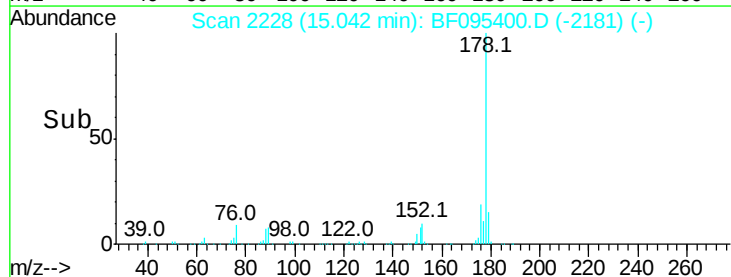
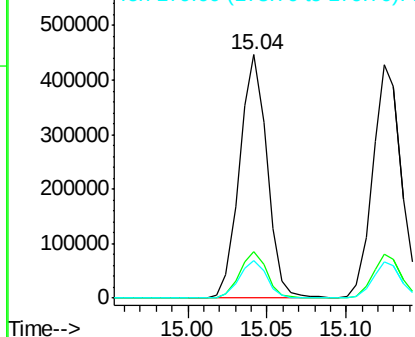


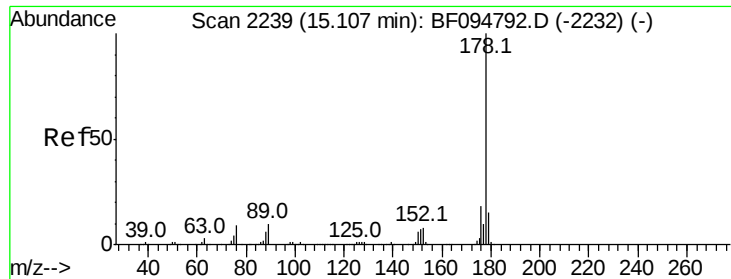
#70
 Phenanthrene
 Concen: 48.97 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion:178 Resp: 537094
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.4 12.6 19.0



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

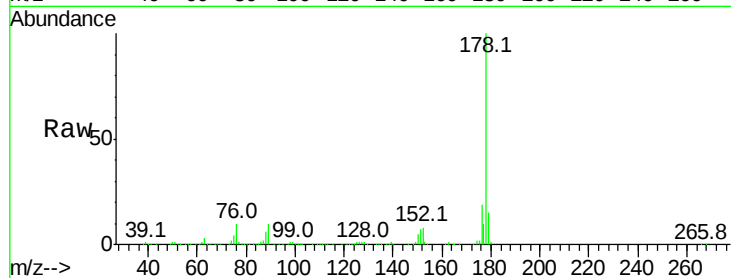




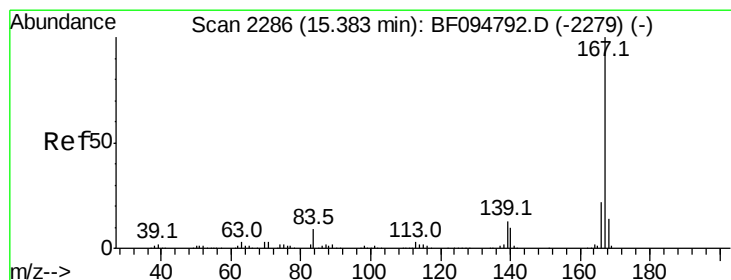
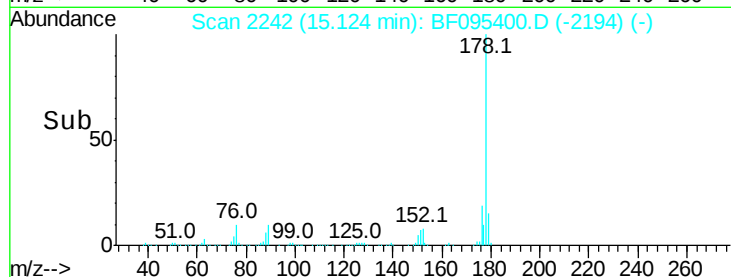
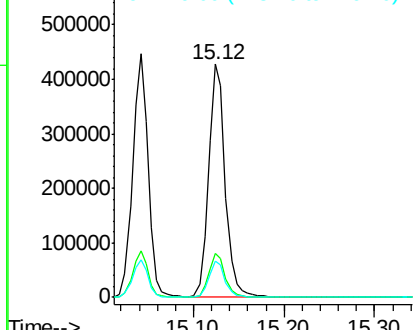
#71
 Anthracene
 Concen: 48.94 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 548338
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.5 12.7 19.1

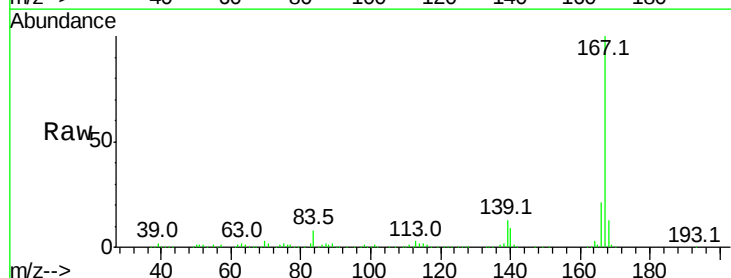


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

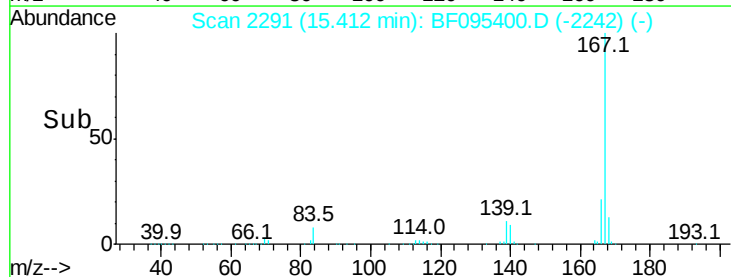
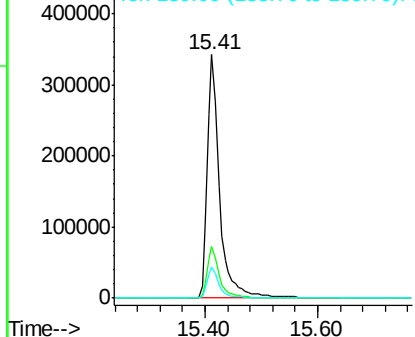


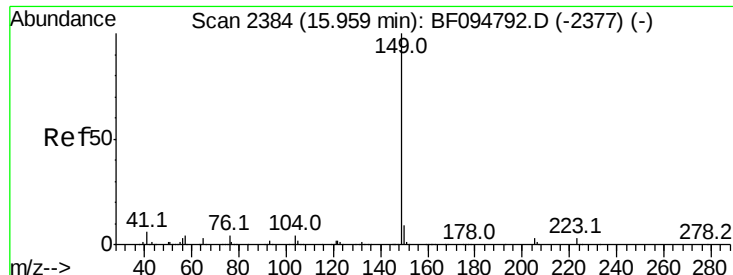
#72
 Carbazole
 Concen: 51.41 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion:167 Resp: 524082
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.1 27.1
 139 12.7 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.74 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

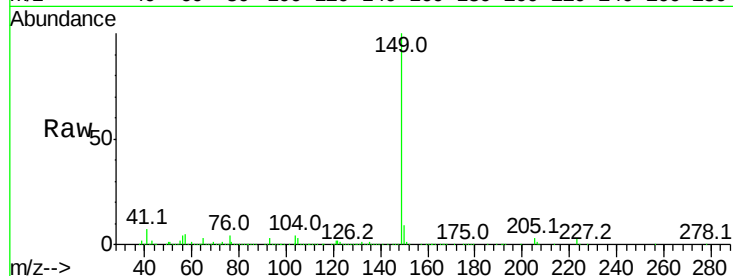
Tot Ion:149 Resp: 619572

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

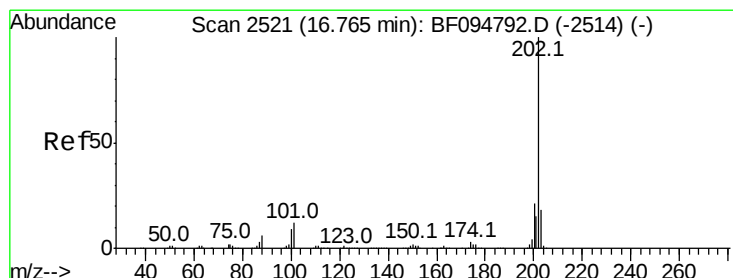
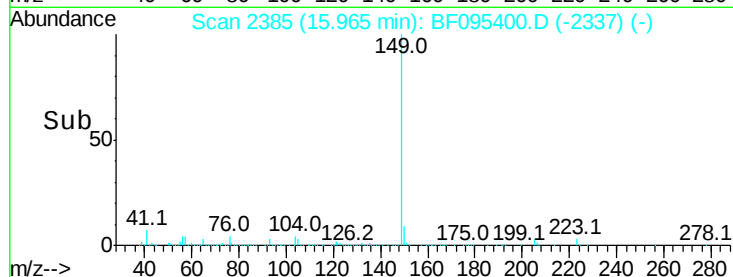
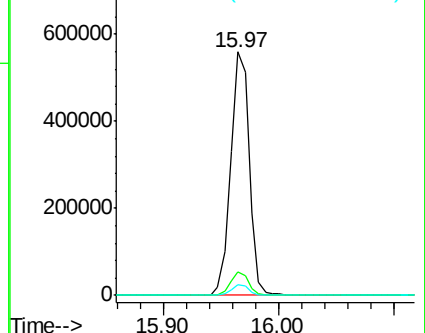
104 4.2 4.0 6.0



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: 53.29 ng

RT: 16.79 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

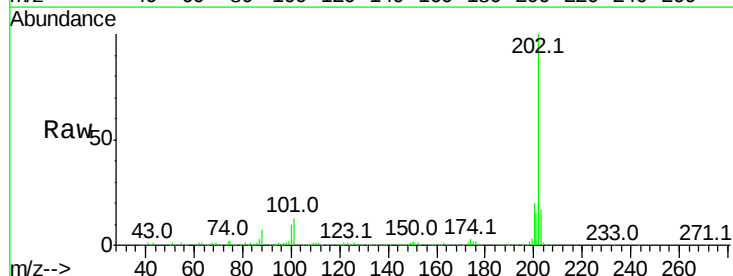
Tgt Ion:202 Resp: 599589

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.2

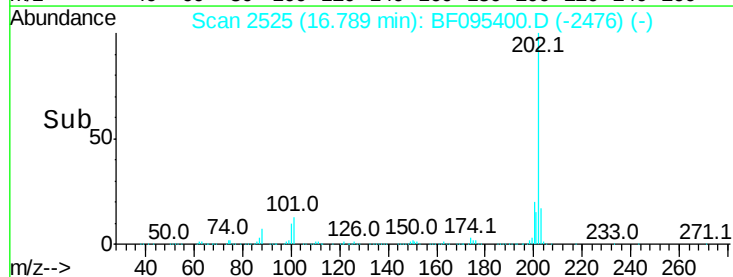
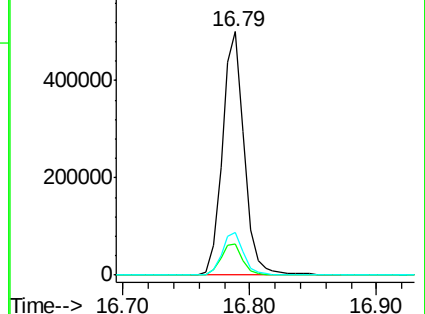
203 17.4 0.0 38.1

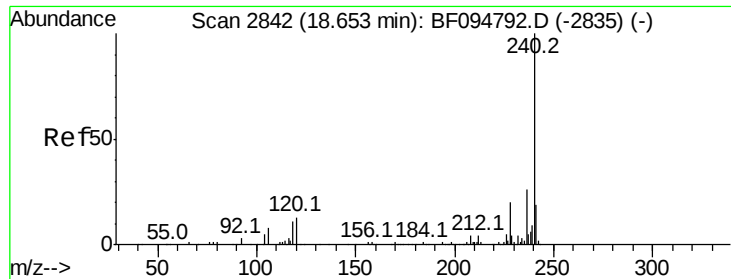


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampled :

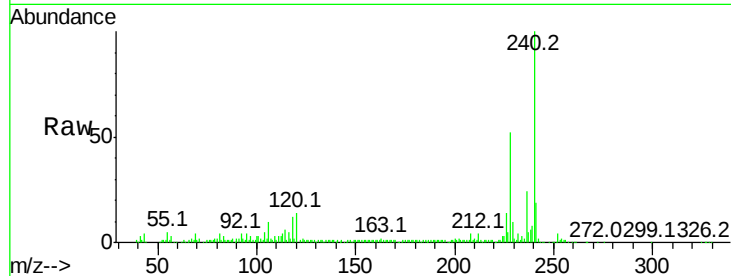
Tot Ion:240 Resp: 175547

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

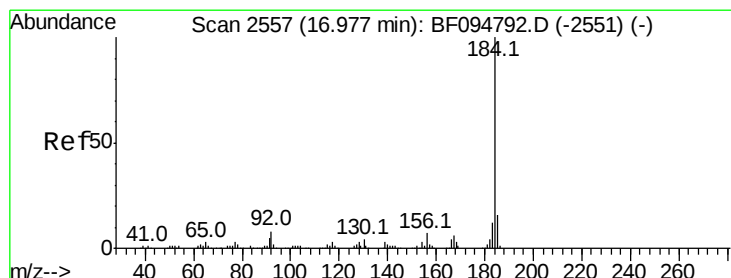
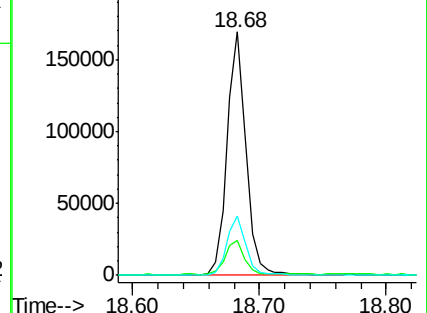
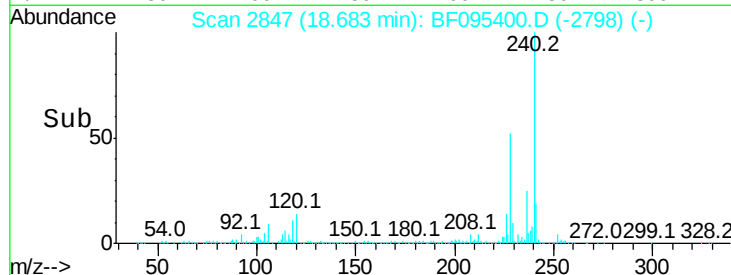
236 24.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.35 ng

RT: 17.01 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

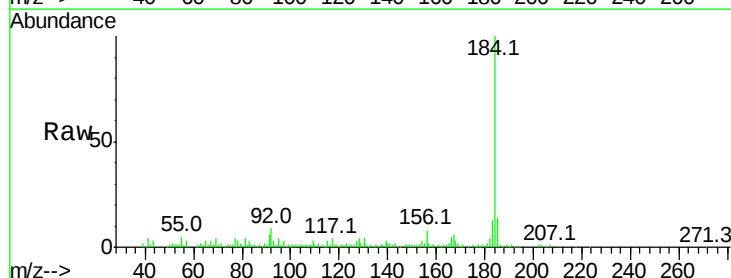
Tgt Ion:184 Resp: 196811

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

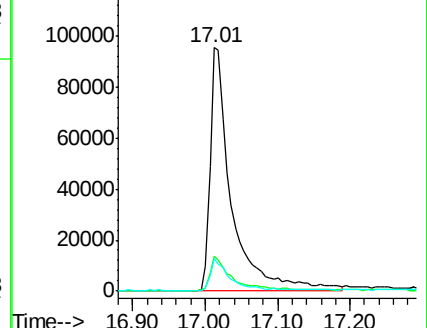
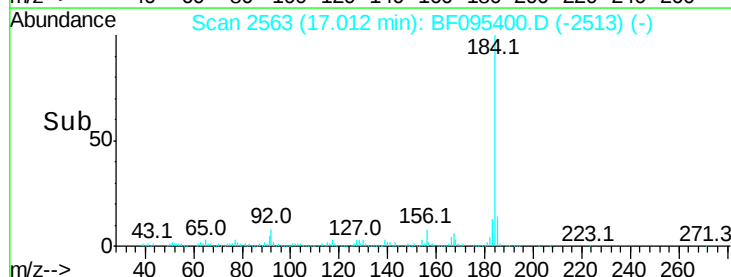
183 13.4 9.8 14.6

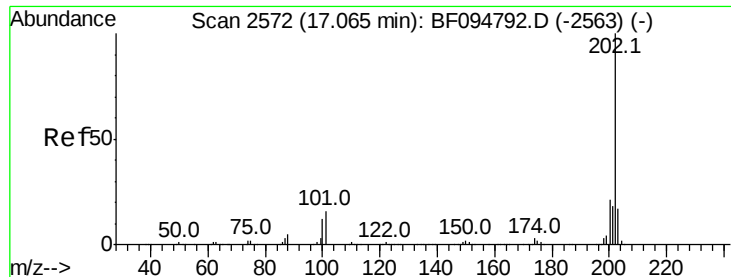


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.36 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

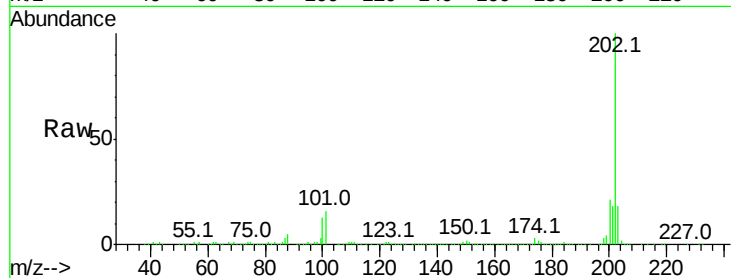
Tot Ion:202 Resp: 608710

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

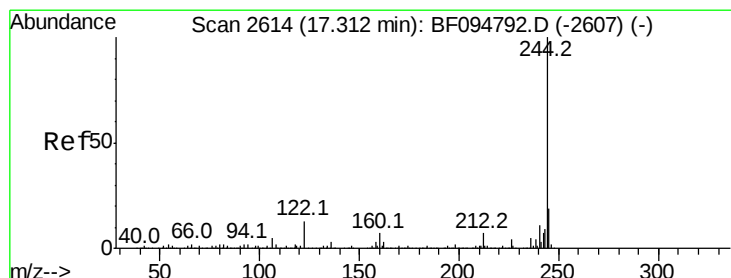
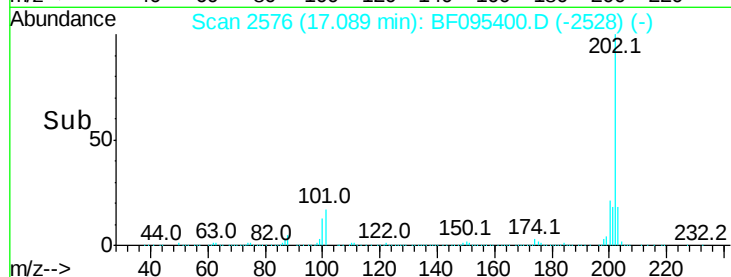
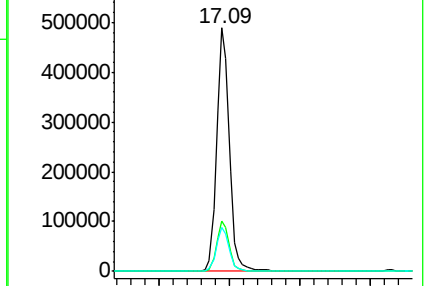
203 18.1 14.4 21.6



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: 81.02 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

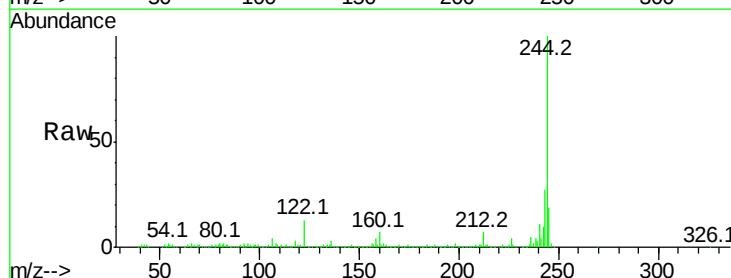
Tgt Ion:244 Resp: 645712

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

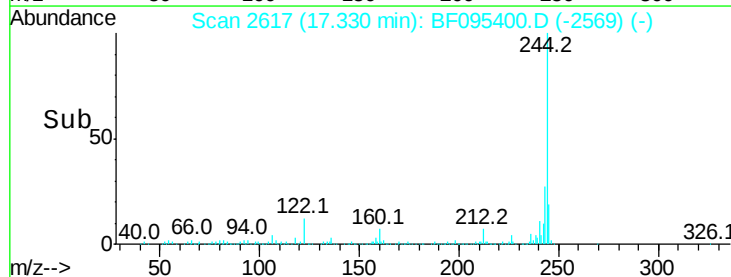
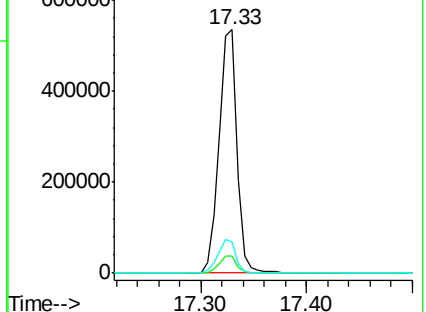
122 12.6 10.3 15.5

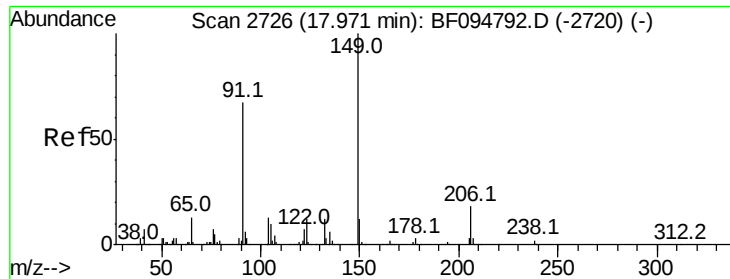


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

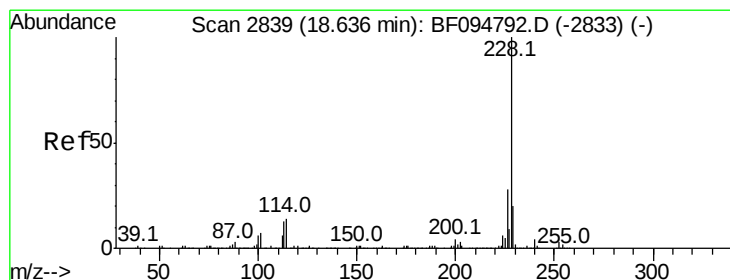
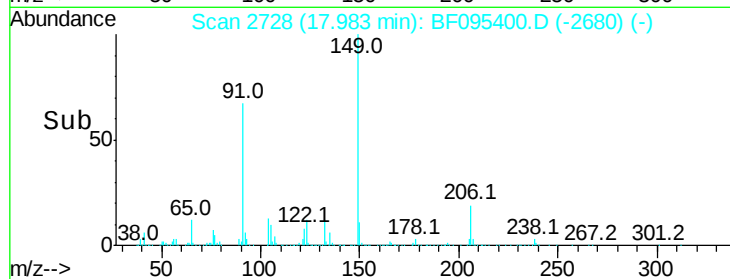
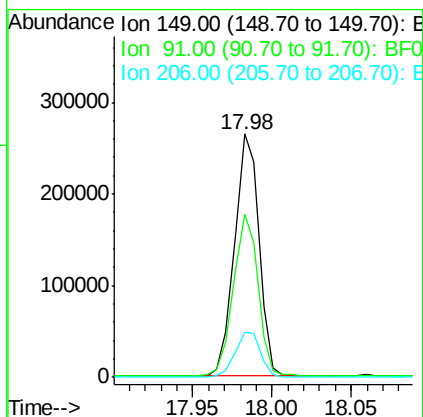
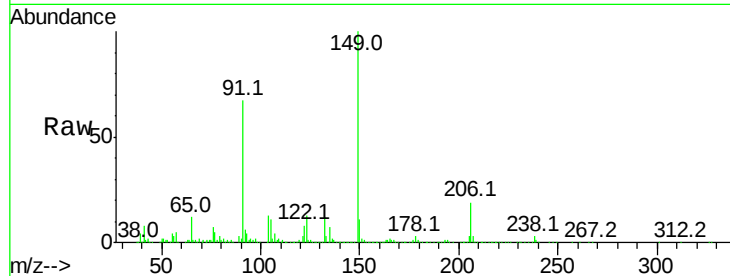




#79
Butylbenzylphthalate
Concen: 46.15 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

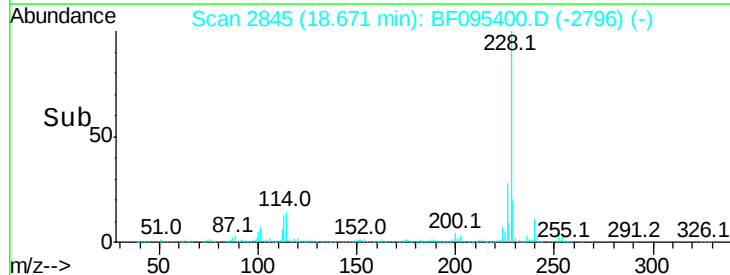
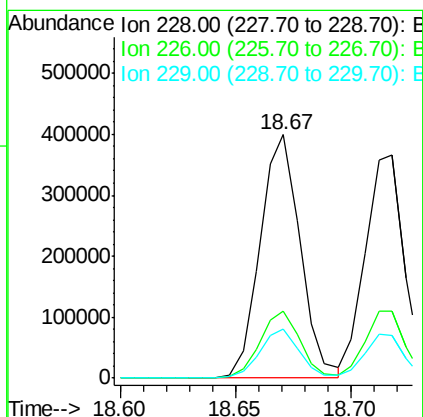
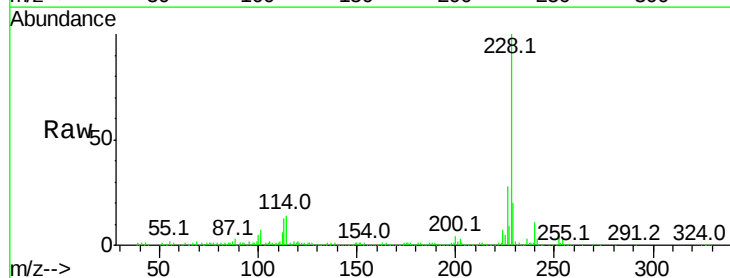
Instrument :
BNA_F
ClientSampleId :

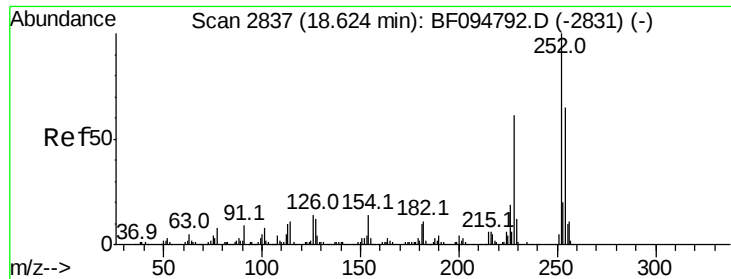
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.2	45.0	67.4
206	18.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 47.16 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.4	16.3	24.5

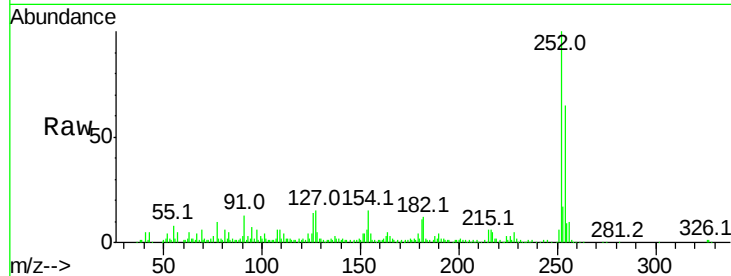




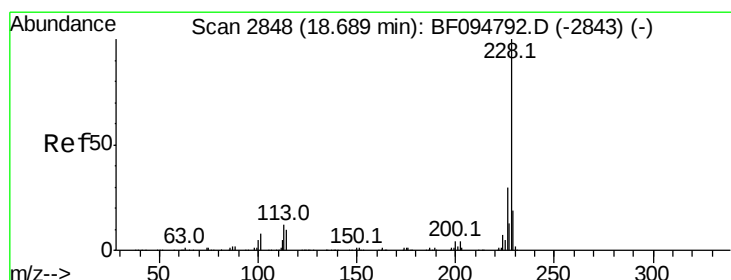
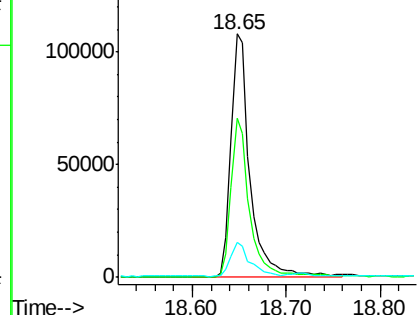
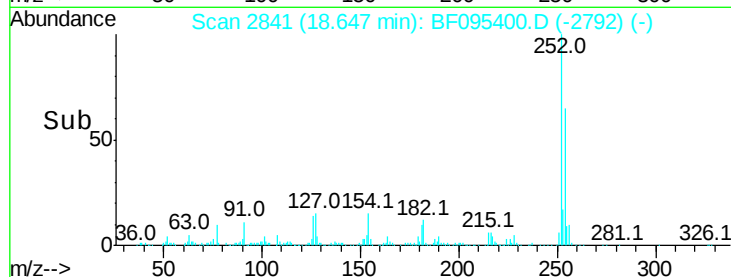
#81
 3,3'-Dichlorobenzidine
 Concen: 43.49 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.5	77.3
126	14.5	15.8	23.8#

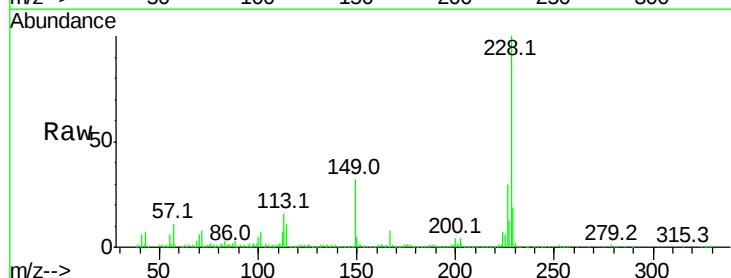


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

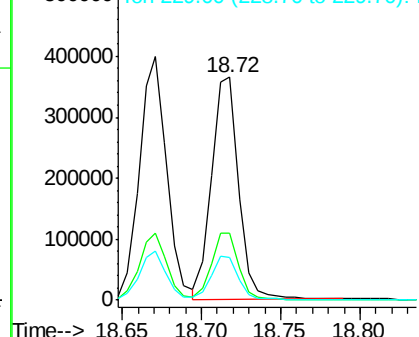
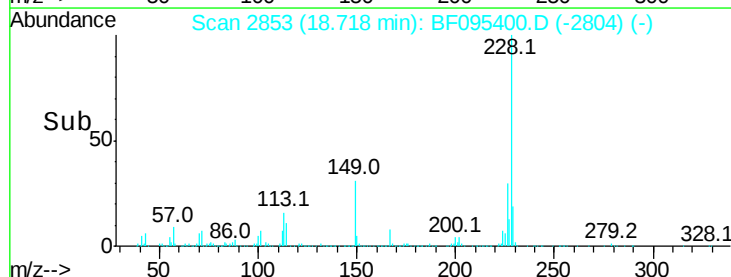


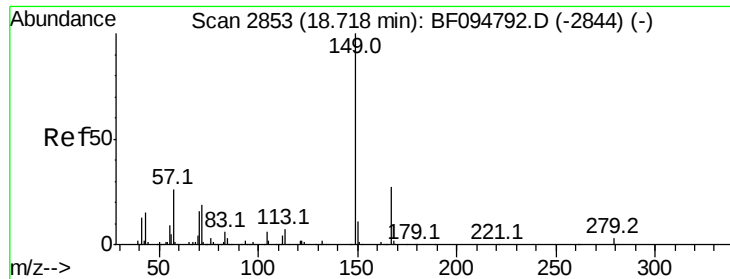
#82
 Chrysene
 Concen: 43.99 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.1	15.8	23.6



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

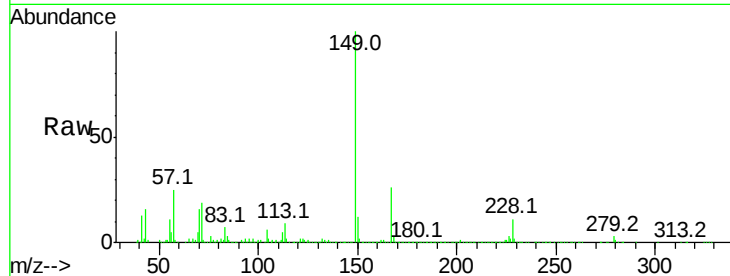




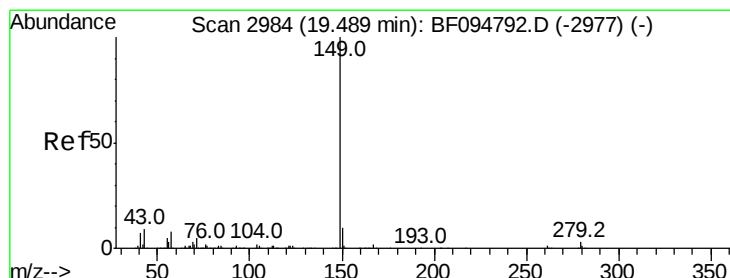
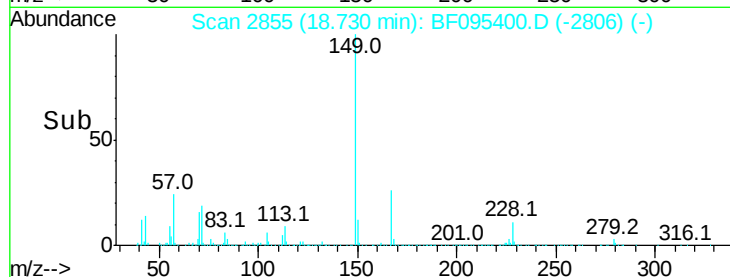
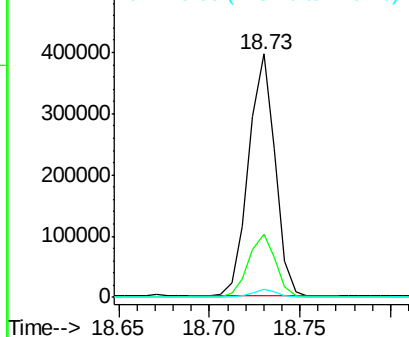
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.04 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	3.1	1.9	2.9#

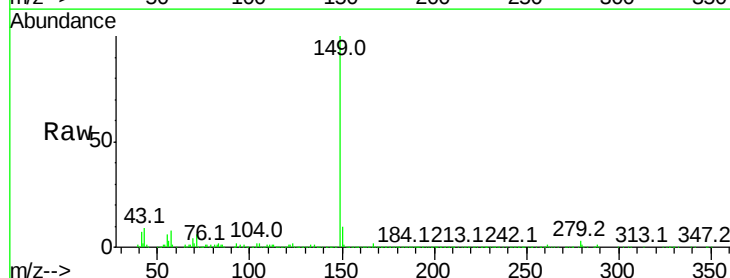


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

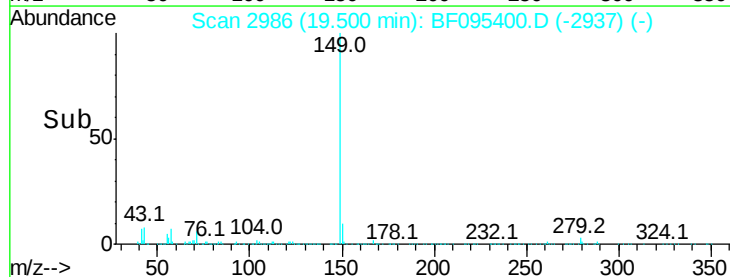
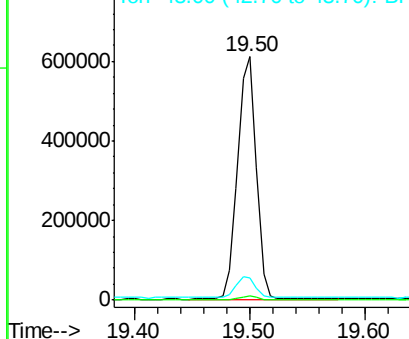


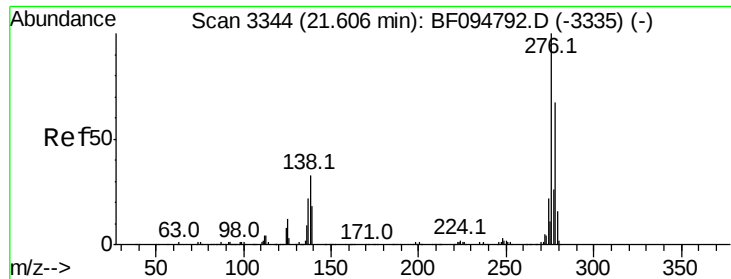
#84
 Di-n-octyl phthalate
 Concen: 48.13 ng
 RT: 19.50 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BF095400.D
 Acq: 24 May 2017 21:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.5	12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

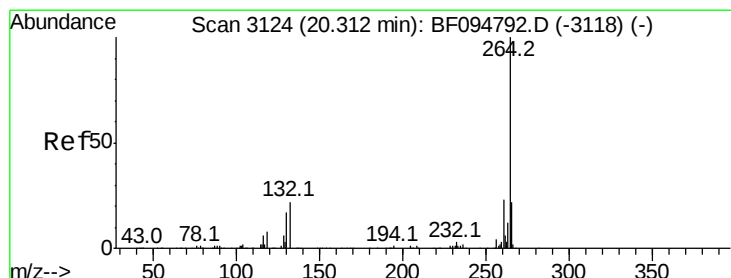
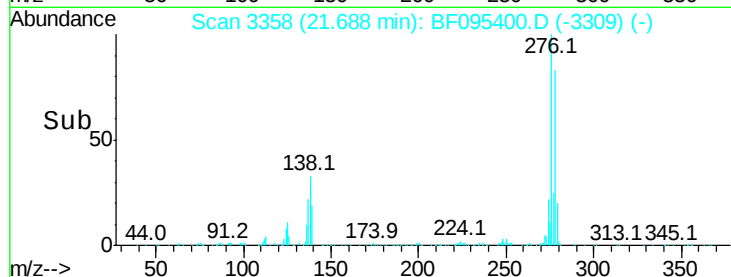
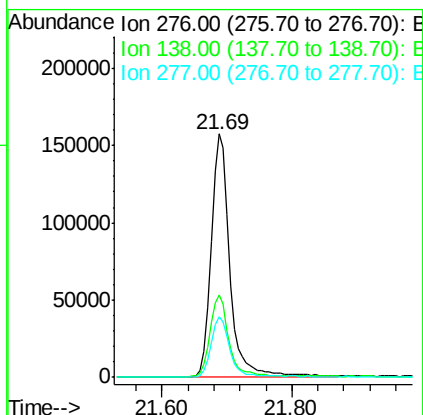
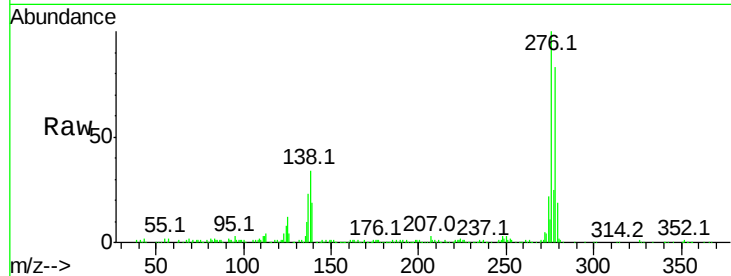




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.25 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

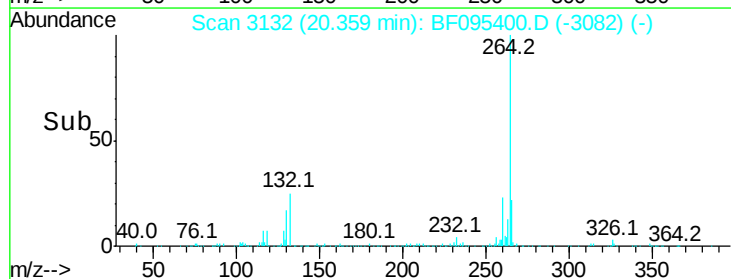
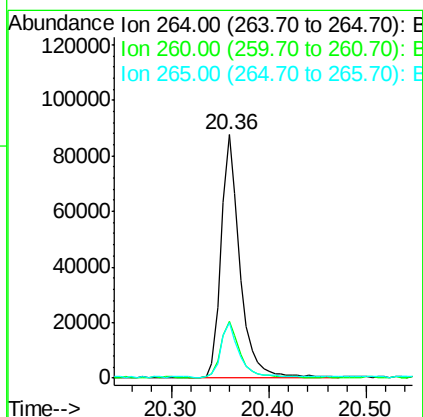
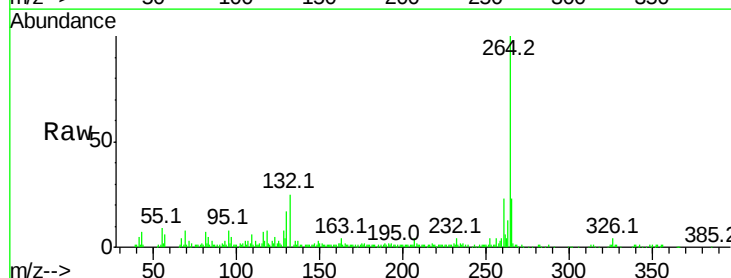
Instrument :
BNA_F
ClientSampleId :

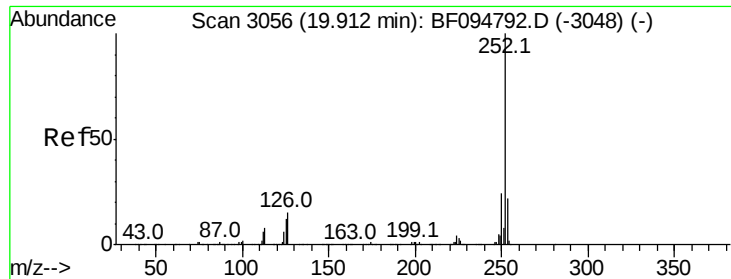
Tot Ion:276 Resp: 314904
Ion Ratio Lower Upper
276 100
138 34.2 27.8 41.6
277 24.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095400.D
Acq: 24 May 2017 21:07

Tgt Ion:264 Resp: 118169
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 22.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 53.25 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

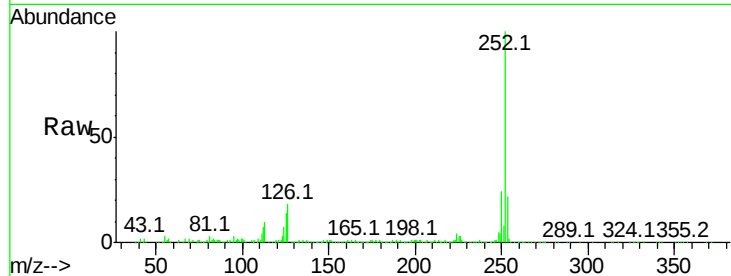
Tot Ion:252 Resp: 388827

Ion Ratio Lower Upper

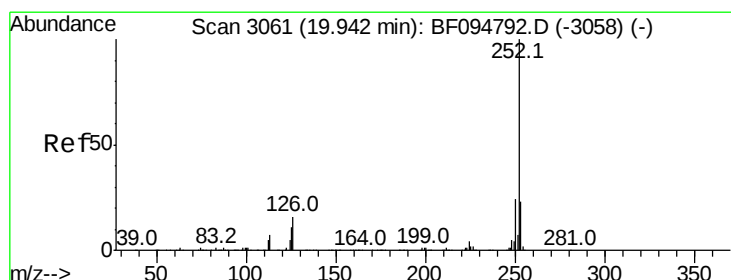
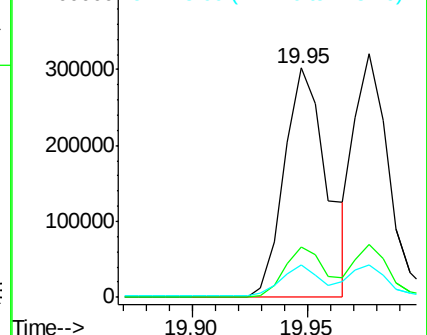
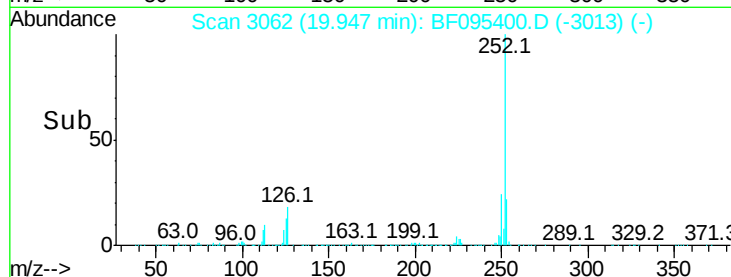
252 100

253 21.7 18.1 27.1

125 14.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.36 ng

RT: 19.98 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

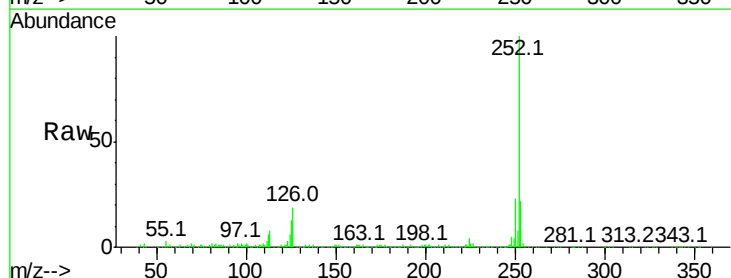
Tgt Ion:252 Resp: 333582

Ion Ratio Lower Upper

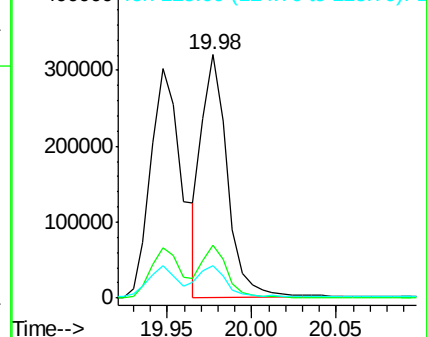
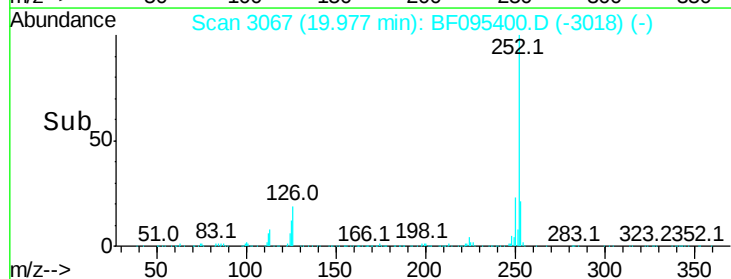
252 100

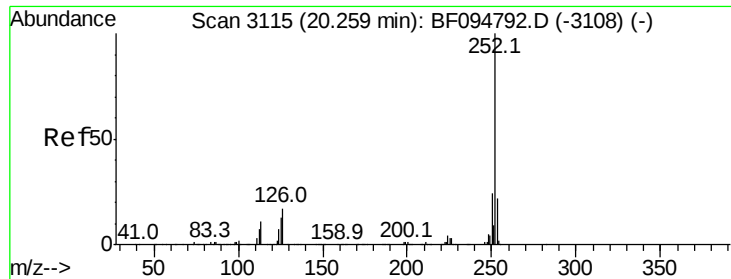
253 21.6 18.4 27.6

125 13.1 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: 46.79 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

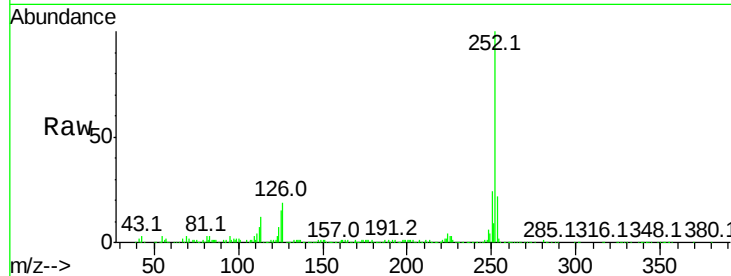
Tot Ion:252 Resp: 315228

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

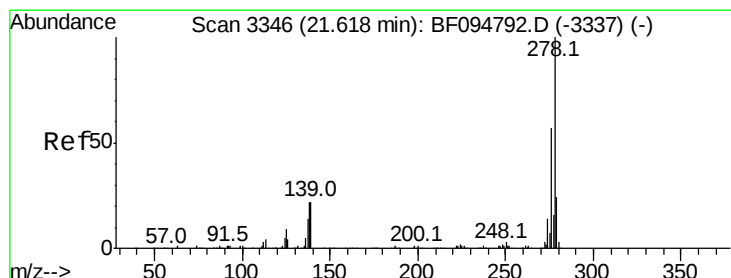
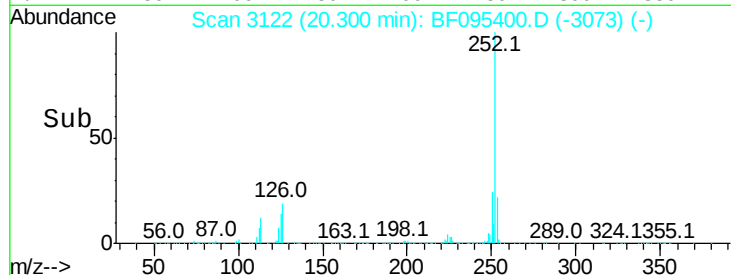
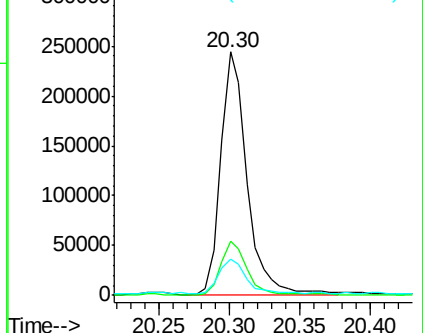
125 15.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.44 ng

RT: 21.69 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

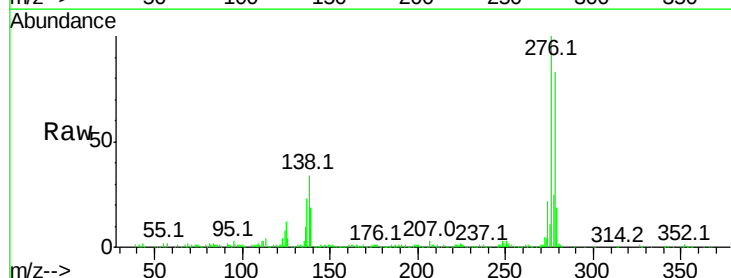
Tgt Ion:278 Resp: 252844

Ion Ratio Lower Upper

278 100

139 23.2 16.6 24.8

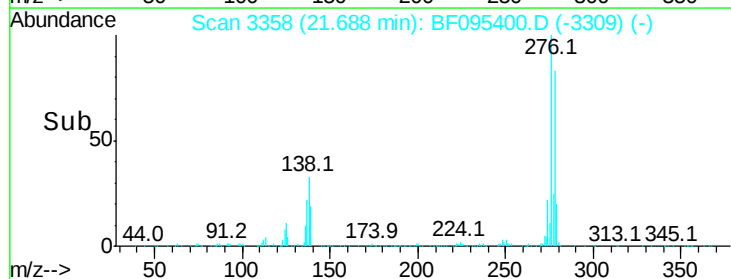
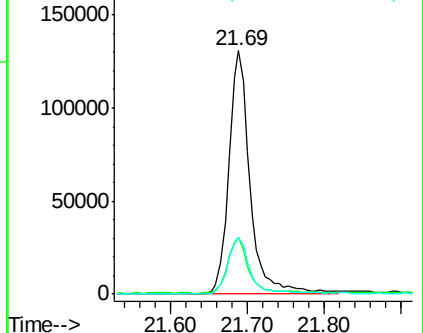
279 23.4 19.3 28.9

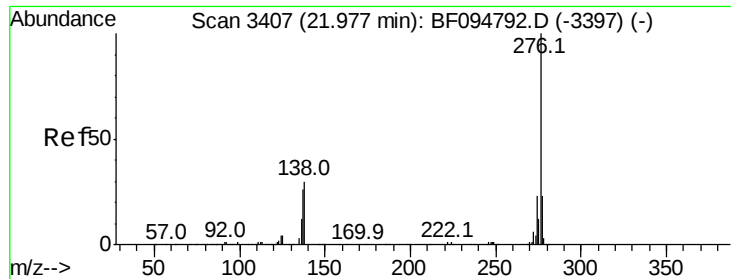


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.89 ng

RT: 22.08 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BF095400.D

Acq: 24 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

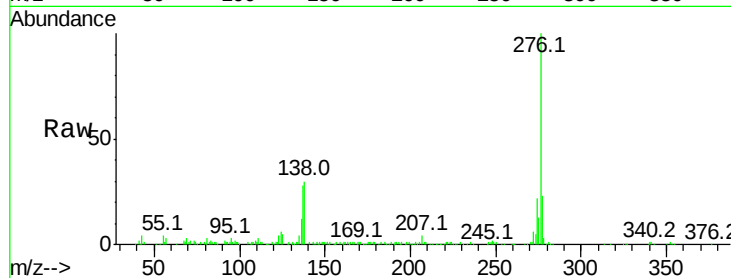
Tot Ion:276 Resp: 256043

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 30.3 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

