

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095384.D
 Acq On : 24 May 2017 12:32
 Operator : SJ/MA
 Sample : PB99217BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:42:18 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	101447	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	353142	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	188586	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	335003	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	224808	20.00	ng	-0.02
86) Perylene-d12	20.36	264	169377	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	870113	143.00	ng	-0.01
7) Phenol-d6	7.31	99	973026	133.28	ng	0.00
23) Nitrobenzene-d5	8.66	82	571124	101.98	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	212506	137.59	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	1132217	86.41	ng	-0.02
78) Terphenyl-d14	17.33	244	982681	96.28	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.26	88	95313	31.94	ng	98
3) Pyridine	2.98	79	213688	30.90	ng	98
4) n-Nitrosodimethylamine	2.89	42	96576	33.50	ng	# 86
6) Aniline	7.27	93	338324	36.71	ng	94
8) 2-Chlorophenol	7.45	128	315064	45.49	ng	95
9) Benzaldehyde	7.10	77	57766	12.96	ng	97
10) Phenol	7.32	94	318637	41.42	ng	90
11) bis(2-Chloroethyl)ether	7.39	93	276059	43.46	ng	96
12) 1,3-Dichlorobenzene	7.66	146	328342	41.79	ng	98
13) 1,4-Dichlorobenzene	7.78	146	337258	42.33	ng	96
14) 1,2-Dichlorobenzene	8.01	146	316644	42.58	ng	95
15) Benzyl Alcohol	8.05	79	251031	53.46	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	356631	39.67	ng	94
17) 2-Methylphenol	8.25	107	246503	43.49	ng	# 90
18) Hexachloroethane	8.52	117	106871	39.60	ng	# 85
19) n-Nitroso-di-n-propylamine	8.46	70	207755	42.08	ng	95
20) 3+4-Methylphenols	8.51	107	325241	42.23	ng	# 56
22) Acetophenone	8.43	105	410315	48.43	ng	# 83
24) Nitrobenzene	8.69	77	299370	51.00	ng	92
25) Isophorone	9.09	82	520980	52.10	ng	# 94
26) 2-Nitrophenol	9.20	139	169362	53.47	ng	97
27) 2,4-Dimethylphenol	9.33	122	270056	52.73	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	337953	48.85	ng	99
29) 2,4-Dichlorophenol	9.62	162	254373	52.61	ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	253559	48.95	ng	99
31) Naphthalene	9.80	128	748731	42.18	ng	100
32) Benzoic acid	9.67	122	144500	43.51	ng	95
33) 4-Chloroaniline	9.97	127	105204	15.91	ng	# 93
34) Hexachlorobutadiene	10.01	225	122502	44.82	ng	98
35) Caprolactam	10.67	113	31254	21.53	ng	92
36) 4-Chloro-3-methylphenol	10.81	107	254108	49.15	ng	91
37) 2-Methylnaphthalene	10.93	142	597442	51.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	243000	41.90	ng	98
40) Hexachlorocyclopentadiene	11.18	237	151639	63.54	ng	98

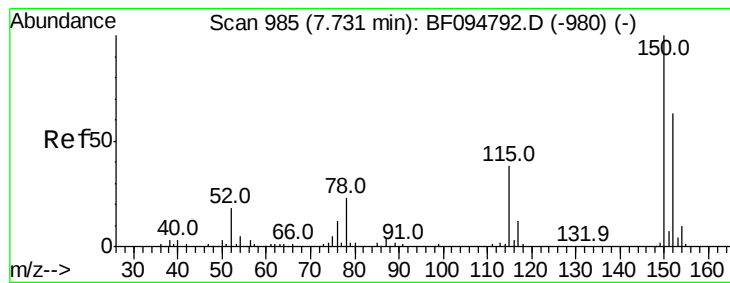
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
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 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	175473	45.32	nq	99
43) 2,4,5-Trichlorophenol	11.53	196	165470	39.76	nq	95
45) 1,1'-Biphenyl	11.69	154	686609	43.24	nq	98
46) 2-Chloronaphthalene	11.71	162	531148	41.43	nq	96
47) 2-Nitroaniline	11.94	65	146076	41.63	nq	# 84
48) Acenaphthylene	12.37	152	876951	43.67	nq	97
49) Dimethylphthalate	12.25	163	619448	40.01	nq	99
50) 2,6-Dinitrotoluene	12.34	165	142683	45.17	nq	95
51) Acenaphthene	12.65	154	501239	41.79	nq	98
52) 3-Nitroaniline	12.62	138	98430	29.04	nq	91
53) 2,4-Dinitrophenol	12.83	184	101581	60.08	nq	# 64
54) Dibenzofuran	12.94	168	787581	47.45	nq	98
55) 4-Nitrophenol	13.02	139	166171	81.61	nq	# 80
56) 2,4-Dinitrotoluene	13.01	165	195431	48.15	nq	# 89
57) Fluorene	13.49	166	627232	43.46	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	132815	50.71	nq	# 93
59) Diethylphthalate	13.39	149	624547	42.09	nq	99
60) 4-Chlorophenyl-phenylether	13.52	204	269861	42.55	nq	90
61) 4-Nitroaniline	13.62	138	126115	40.52	nq	97
62) Azobenzene	13.78	77	589666	49.45	nq	93
64) 4,6-Dinitro-2-methylphenol	13.69	198	89551	39.88	nq	# 66
65) n-Nitrosodiphenylamine	13.73	169	535534	44.05	nq	99
66) 4-Bromophenyl-phenylether	14.31	248	153936	43.49	nq	96
67) Hexachlorobenzene	14.39	284	157459	43.41	nq	# 89
68) Atrazine	14.65	200	150871	43.95	nq	96
69) Pentachlorophenol	14.75	266	108924	67.41	nq	98
70) Phenanthrene	15.04	178	867983	45.09	nq	98
71) Anthracene	15.13	178	912601	46.42	nq	98
72) Carbazole	15.41	167	813077	45.45	nq	97
73) Di-n-butylphthalate	15.97	149	994944	44.60	nq	99
74) Fluoranthene	16.79	202	895900	45.37	nq	100
76) Benzidine	17.02	184	233706	39.75	nq	# 93
77) Pyrene	17.09	202	890578	52.97	nq	98
79) Butylbenzylphthalate	17.98	149	378761	48.43	nq	88
80) Benzo(a)anthracene	18.67	228	591115	45.18	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	116078	25.69	nq	# 97
82) Chrysene	18.71	228	571112	45.14	nq	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	484960	43.52	nq	# 99
84) Di-n-octyl phthalate	19.49	149	700277	38.33	nq	95
85) Indeno(1,2,3-cd)pyrene	21.68	276	519638	50.58	nq	99
87) Benzo(b)fluoranthene	19.94	252	425987	40.70	nq	97
88) Benzo(k)fluoranthene	19.97	252	474259	46.98	nq	96
89) Benzo(a)pyrene	20.30	252	441877	45.75	nq	99
90) Dibenzo(a,h)anthracene	21.68	278	427375	53.58	nq	99
91) Benzo(g,h,i)perylene	22.06	276	456853	58.37	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

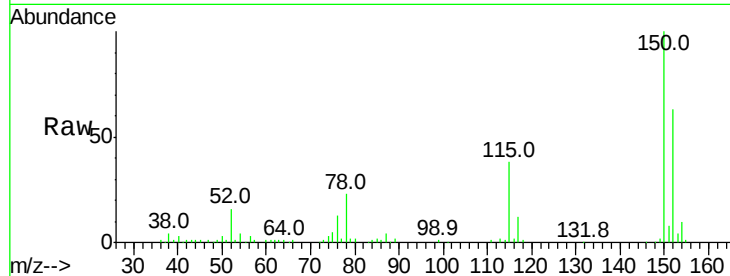
Tot Ion:152 Resp: 101447

Ion Ratio Lower Upper

152 100

150 158.9 126.2 189.2

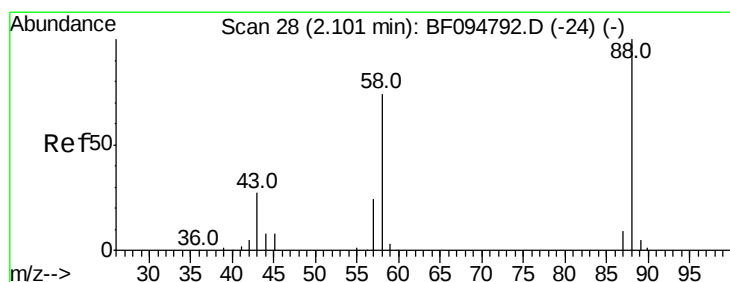
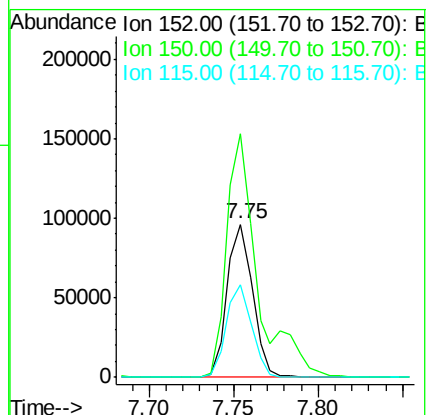
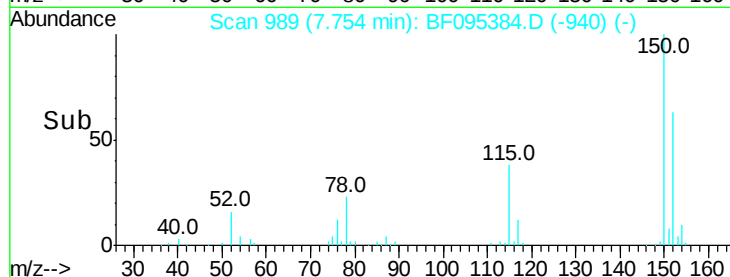
115 60.8 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.94 ng

RT: 2.26 min Scan# 55

Delta R.T. 0.03 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

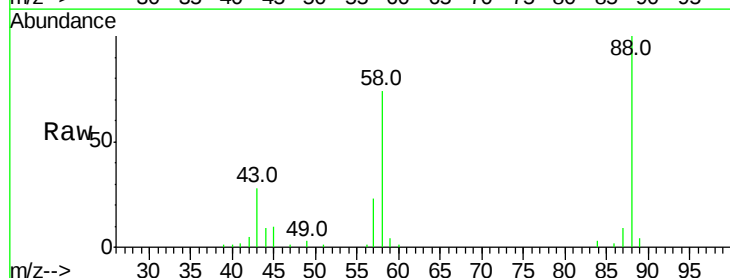
Tgt Ion: 88 Resp: 95313

Ion Ratio Lower Upper

88 100

58 74.7 61.4 92.0

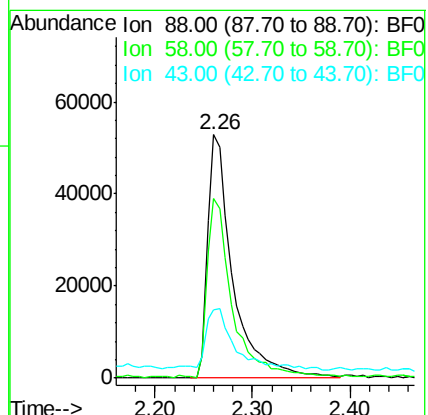
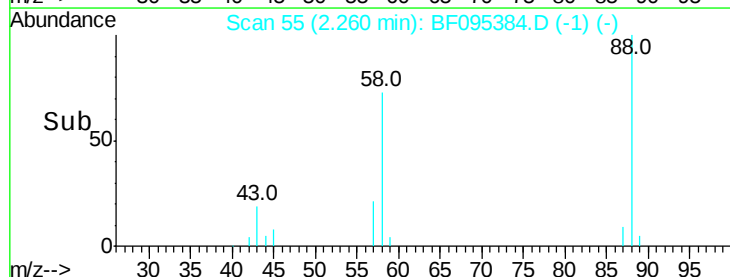
43 30.6 23.4 35.0

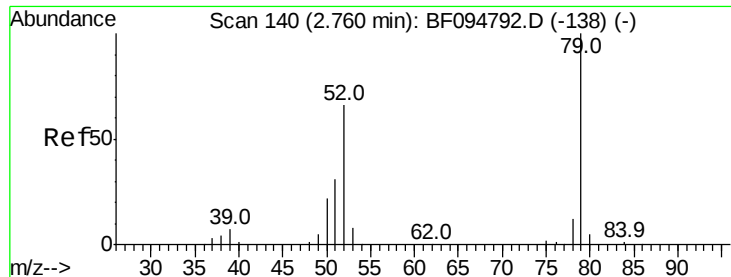


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.90 ng

RT: 2.98 min Scan# 178

Delta R.T. 0.06 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampled :

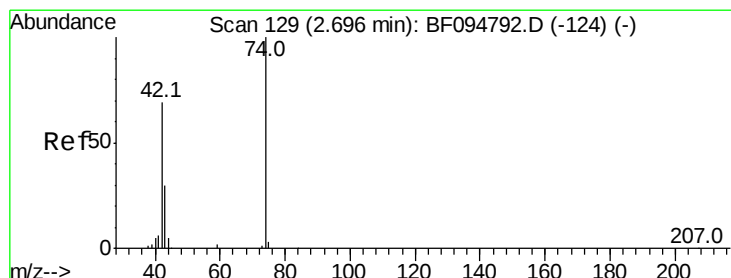
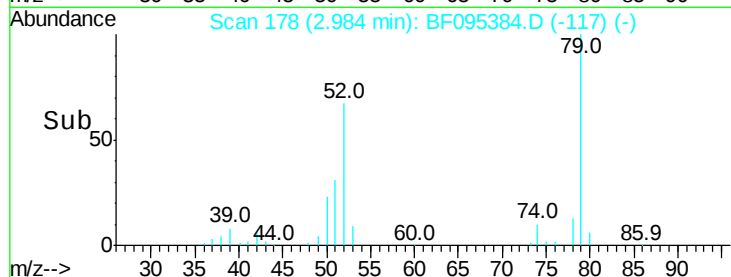
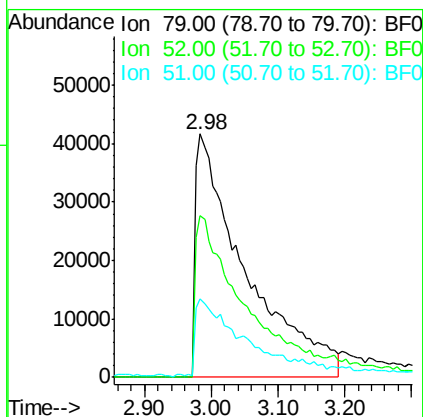
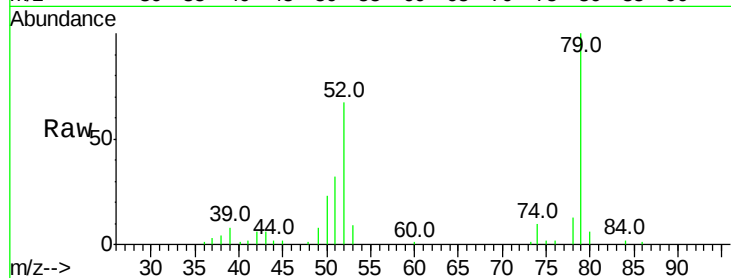
Tot Ion: 79 Resp: 213688

Ion Ratio Lower Upper

79 100

52 66.6 54.8 82.2

51 32.2 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 33.50 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.04 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

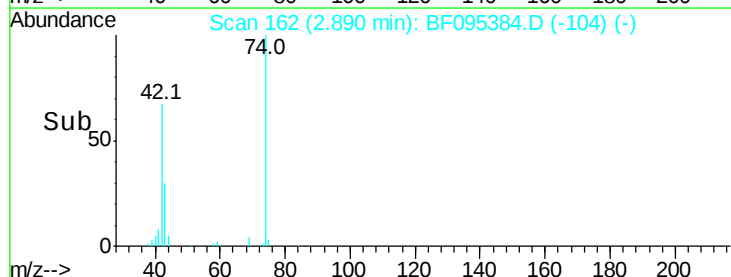
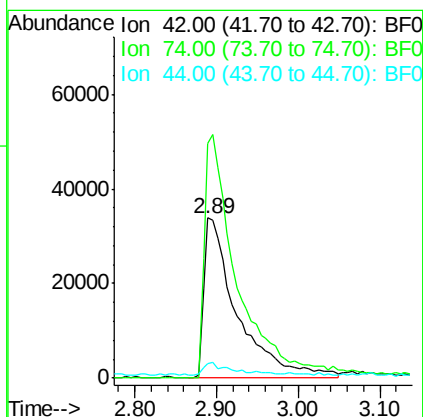
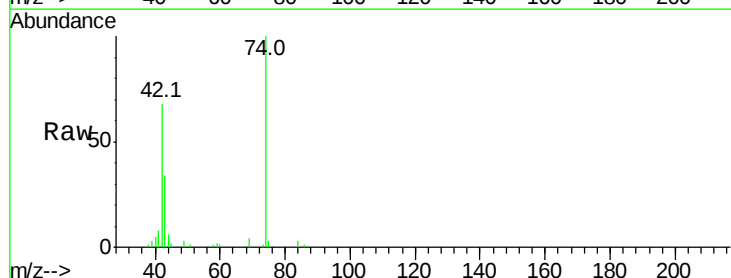
Tgt Ion: 42 Resp: 96576

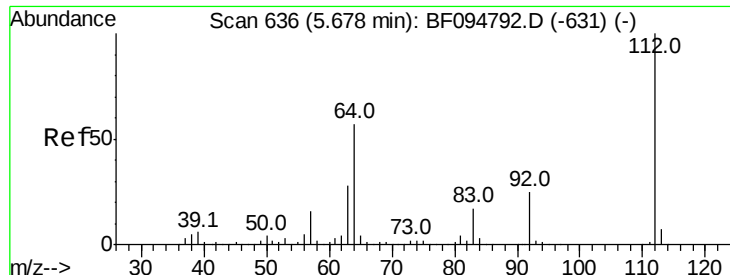
Ion Ratio Lower Upper

42 100

74 146.7 103.9 155.9

44 8.9 5.7 8.5#

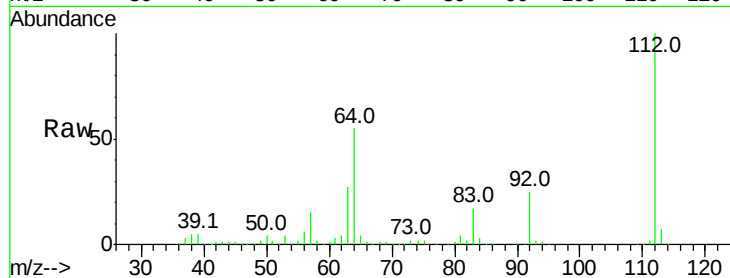




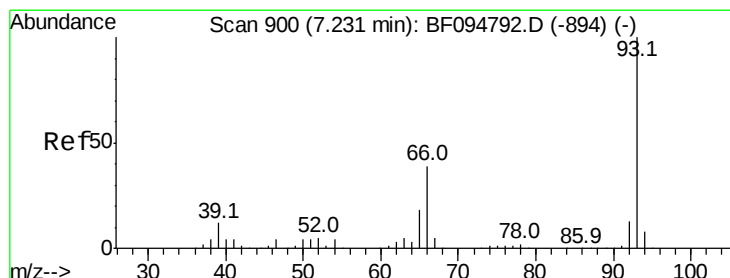
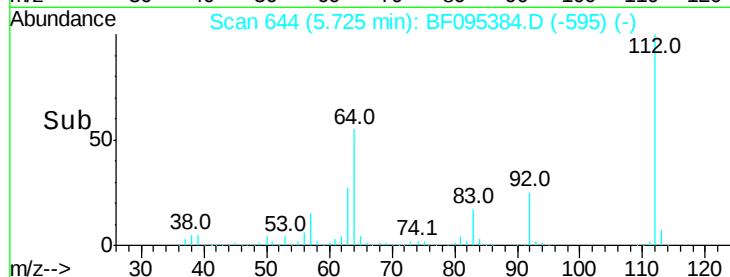
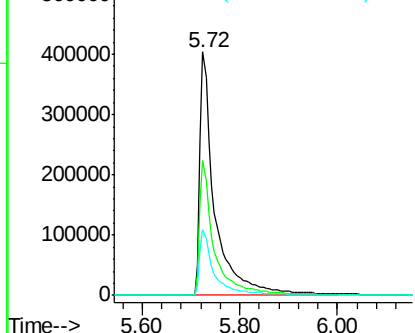
#5
 2-Fluorophenol
 Concen: 143.00 ng
 RT: 5.72 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 870113
 Ion Ratio Lower Upper
 112 100
 64 55.1 46.0 69.0
 63 26.8 23.4 35.0

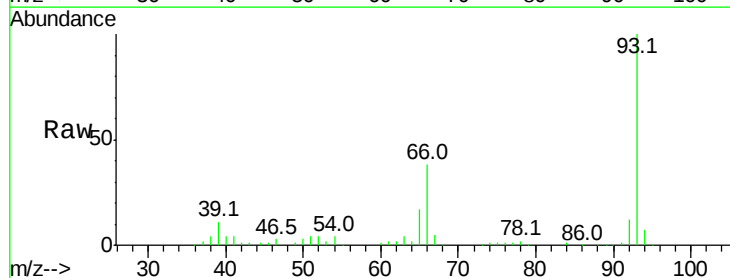


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

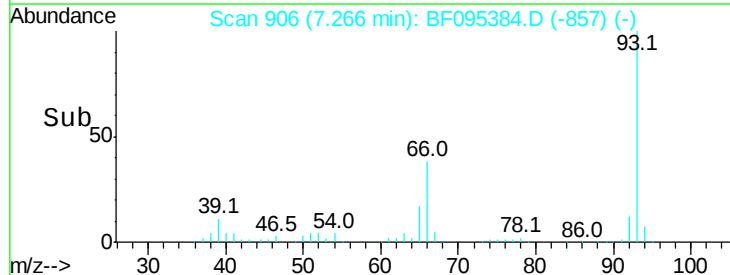
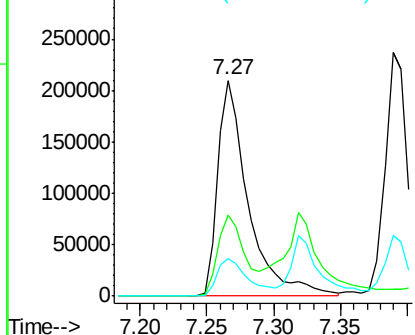


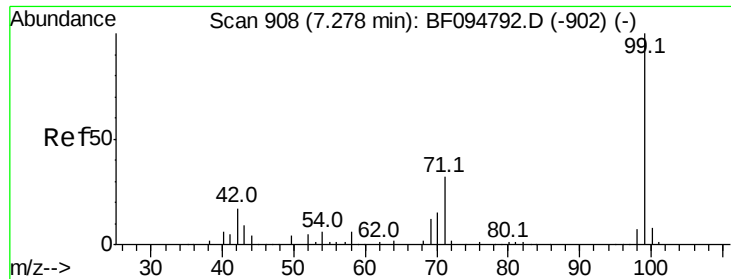
#6
 Aniline
 Concen: 36.71 ng
 RT: 7.27 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion: 93 Resp: 338324
 Ion Ratio Lower Upper
 93 100
 66 37.7 32.9 49.3
 65 17.1 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.28 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

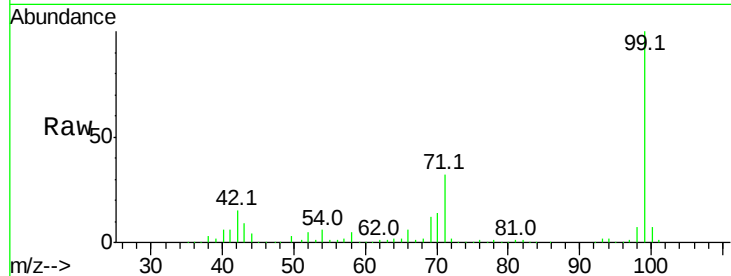
Tot Ion: 99 Resp: 973026

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

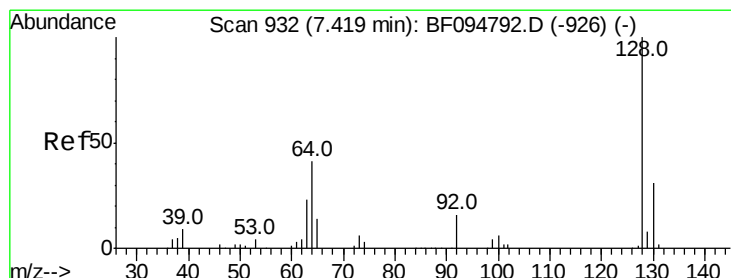
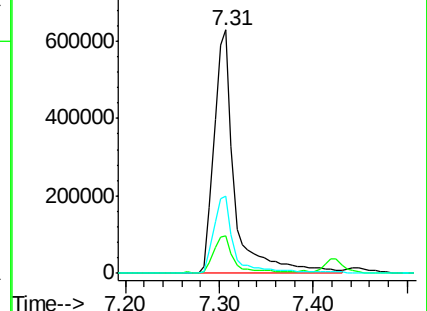
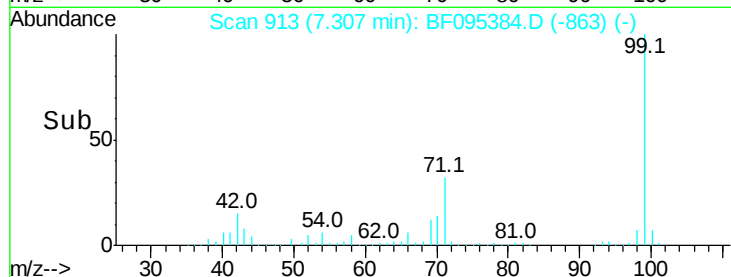
71 31.6 24.5 36.7



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: 45.49 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

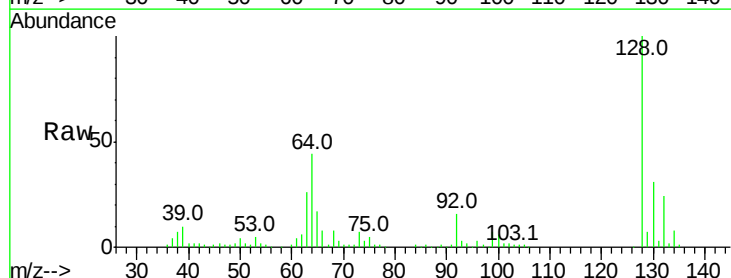
Tgt Ion:128 Resp: 315064

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

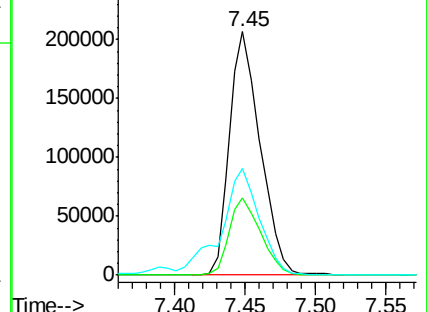
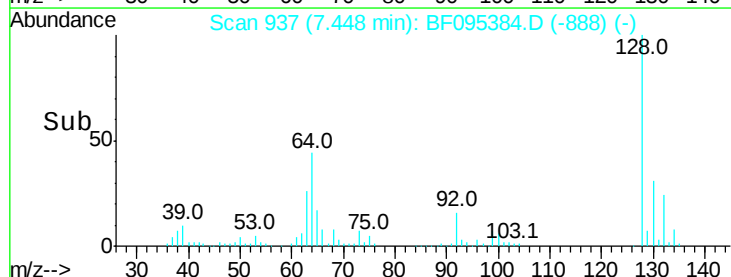
64 44.1 28.4 68.4

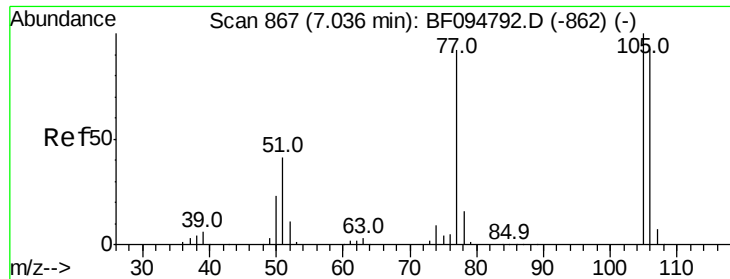


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.96 ng

RT: 7.10 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

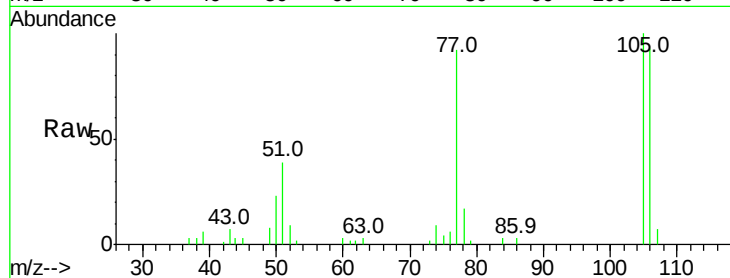
Tot Ion: 77 Resp: 57766

Ion Ratio Lower Upper

77 100

105 108.2 83.8 123.8

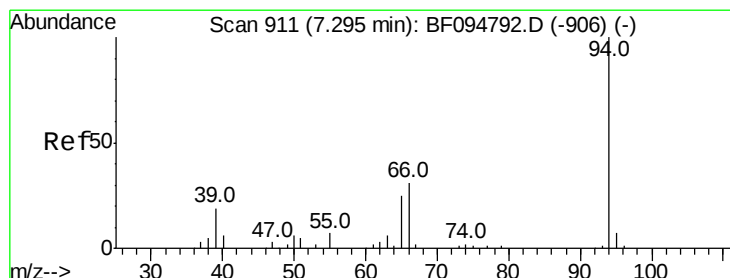
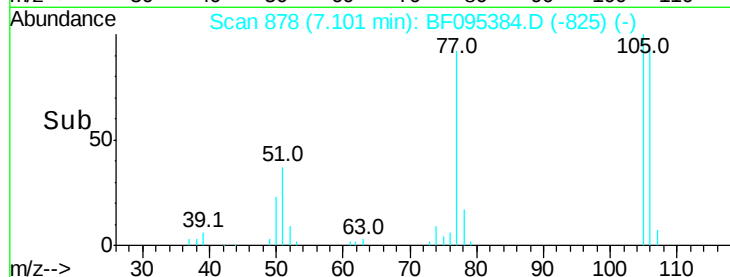
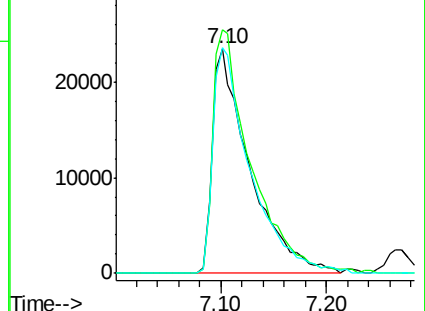
106 100.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.42 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

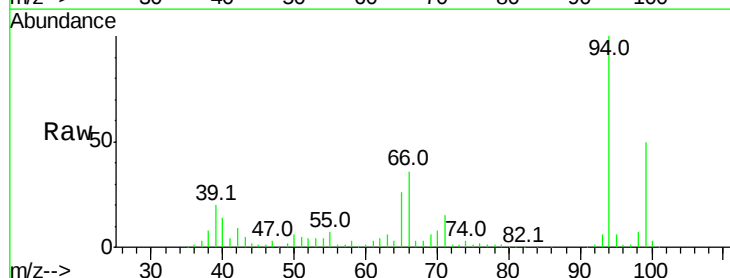
Tgt Ion: 94 Resp: 318637

Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

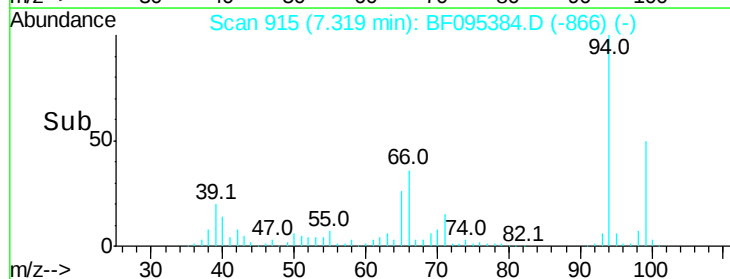
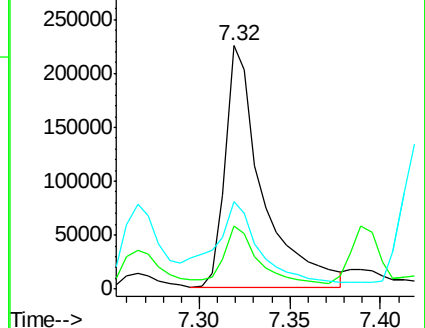
66 35.9 23.1 63.1

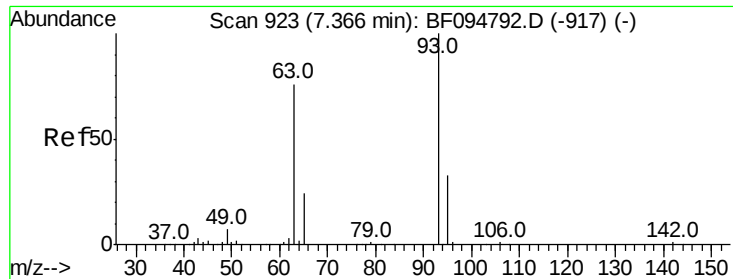


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

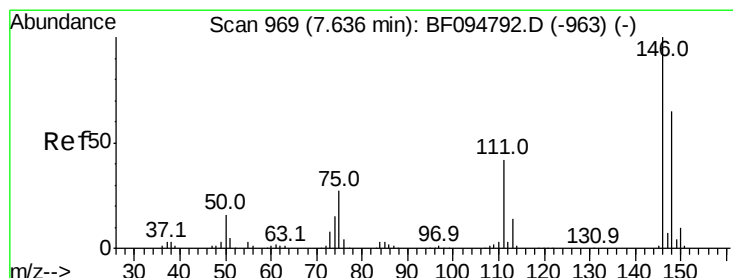
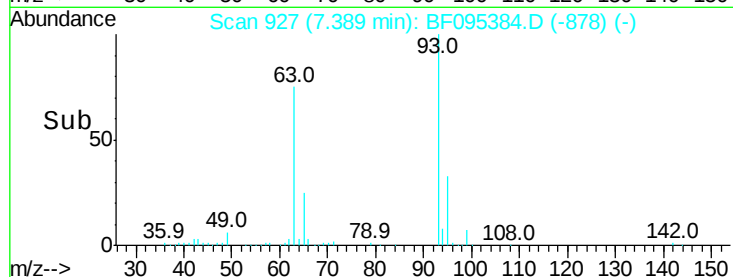
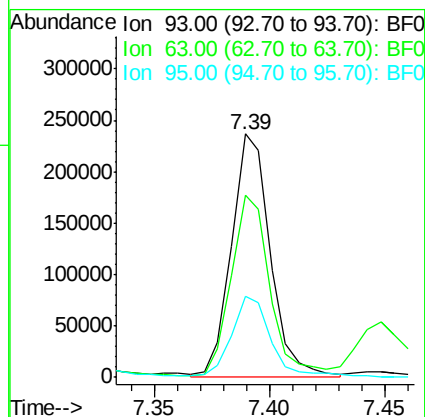
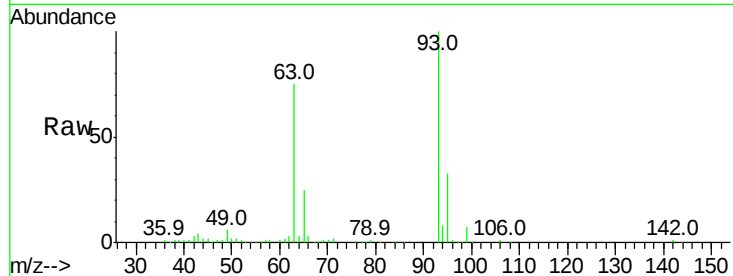




#11
 bis(2-Chloroethyl)ether
 Concen: 43.46 ng
 RT: 7.39 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

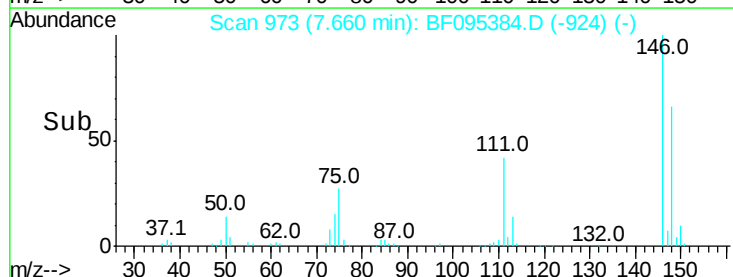
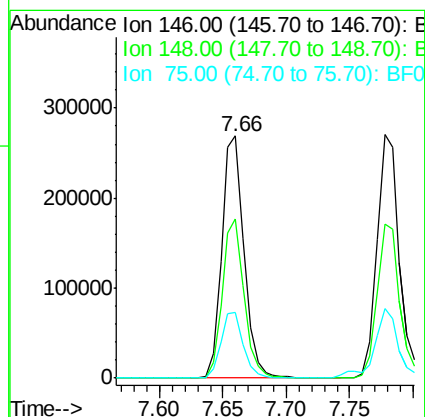
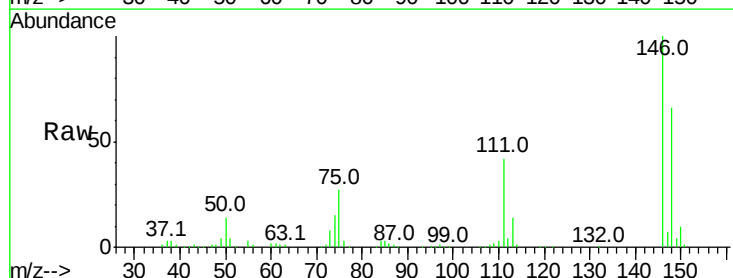
Instrument :
 BNA_F
 ClientSampleId :

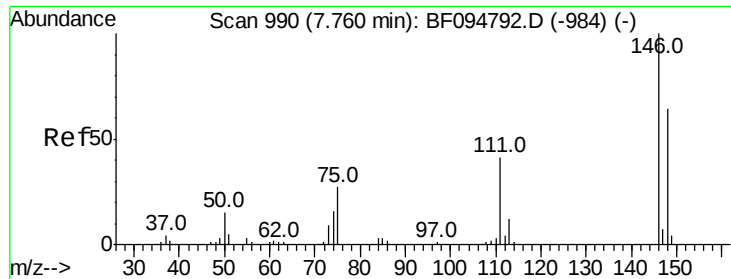
Tot Ion: 93 Resp: 276059
 Ion Ratio Lower Upper
 93 100
 63 75.0 59.2 99.2
 95 33.4 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 41.79 ng
 RT: 7.66 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion: 146 Resp: 328342
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 75 26.9 23.1 34.7

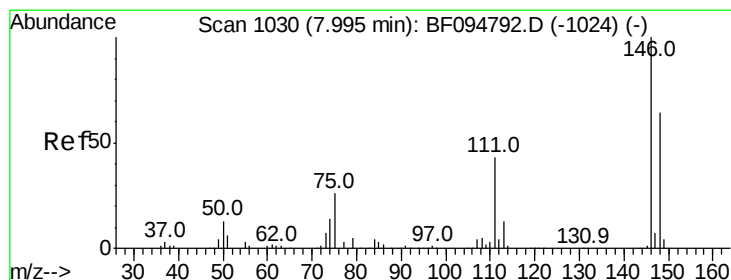
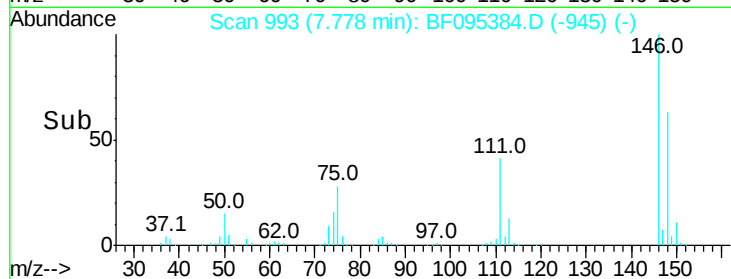
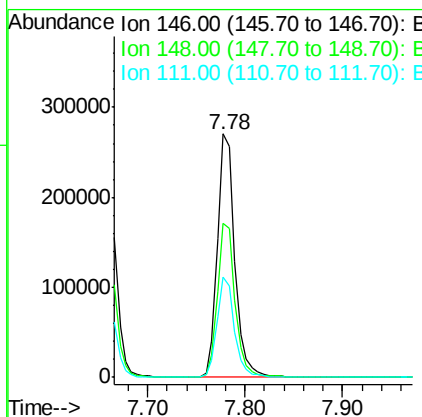
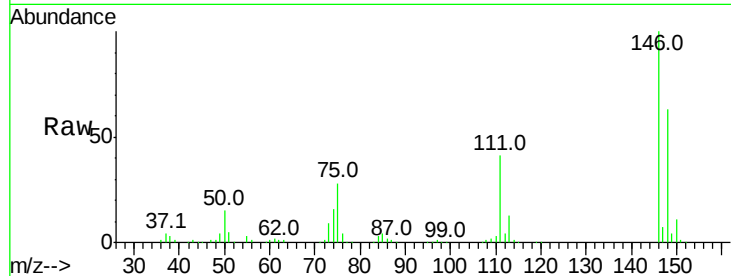




#13
 1,4-Dichlorobenzene
 Concen: 42.33 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

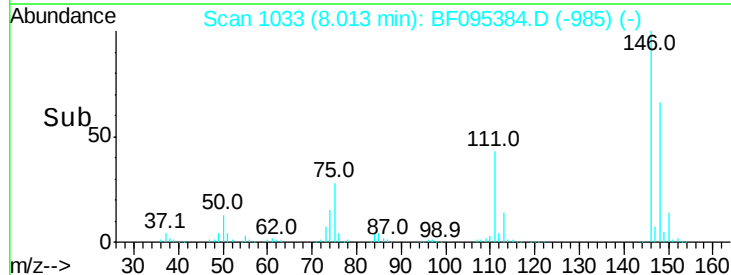
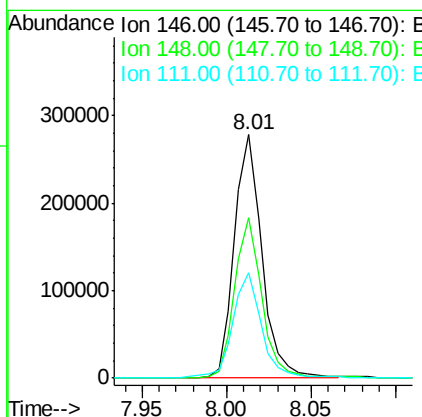
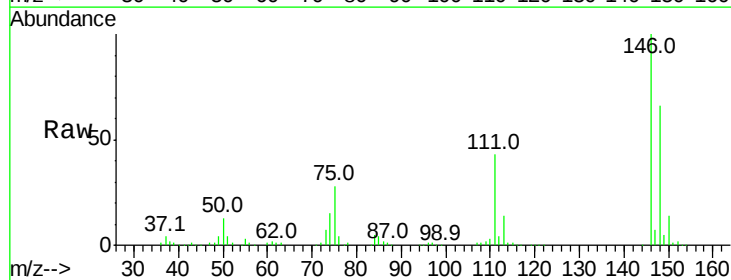
Instrument :
 BNA_F
 ClientSampleId :

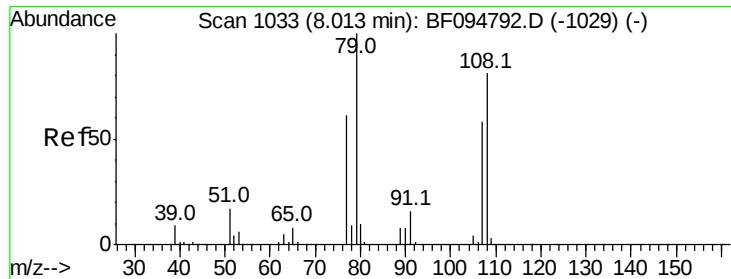
Tot Ion:146 Resp: 337258
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 41.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.58 ng
 RT: 8.01 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:146 Resp: 316644
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.4 75.6
 111 43.4 38.2 57.4

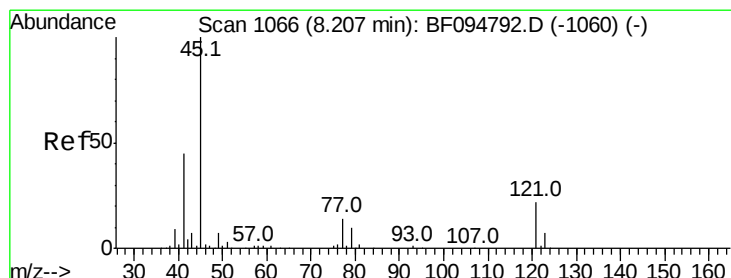
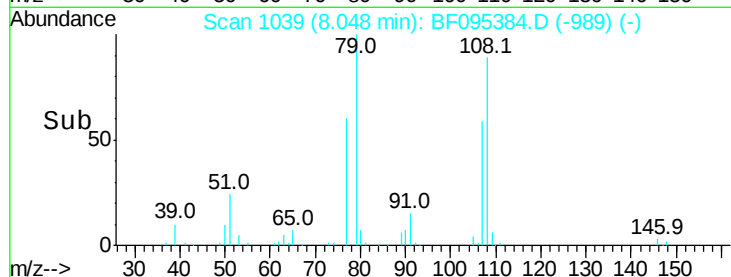
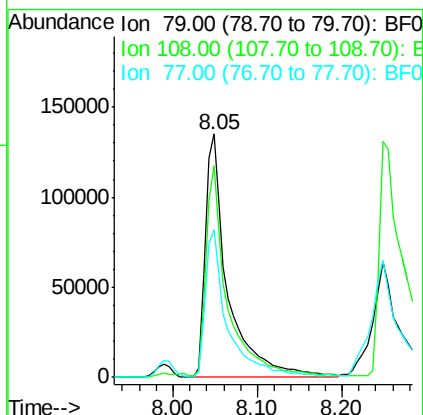
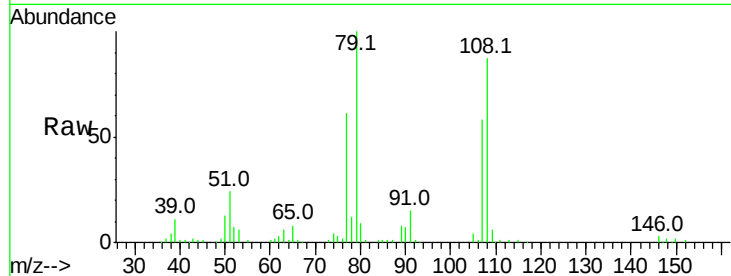




#15
Benzyl Alcohol
Concen: 53.46 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

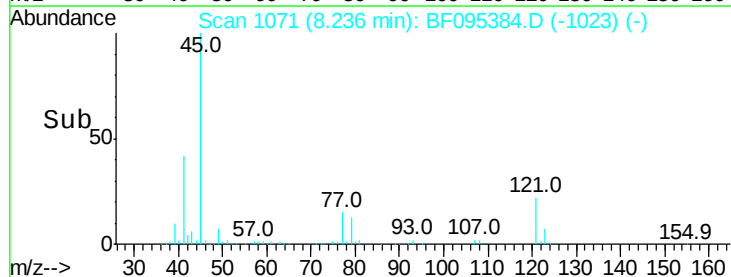
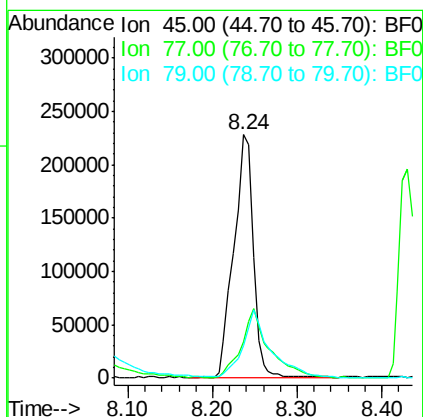
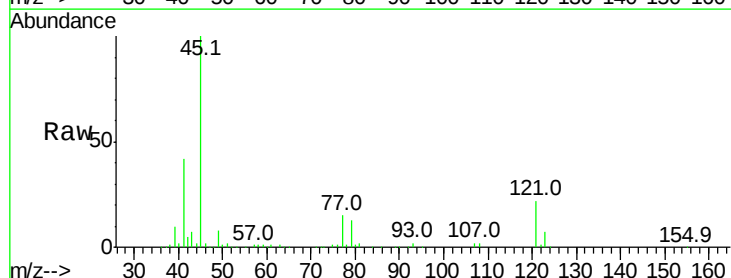
Instrument :
BNA_F
ClientSampleId :

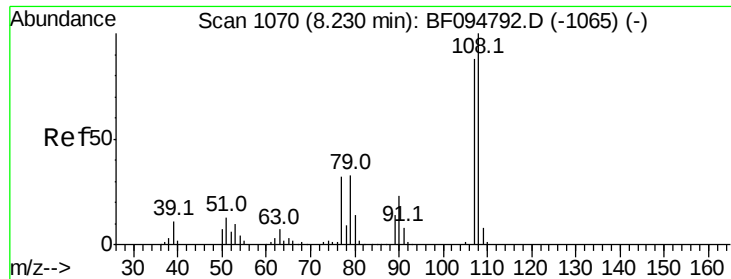
Tot Ion: 79 Resp: 251031
Ion Ratio Lower Upper
79 100
108 87.0 63.4 95.0
77 60.7 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.67 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Tgt Ion: 45 Resp: 356631
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.2
79 13.2 0.0 30.0

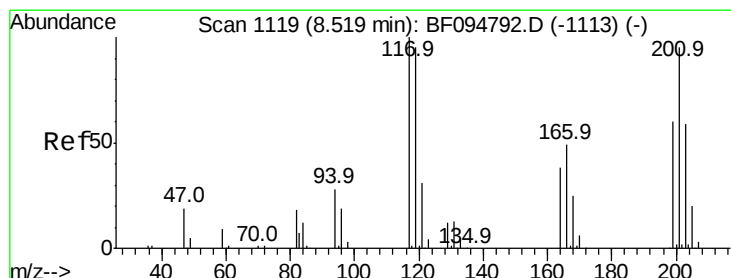
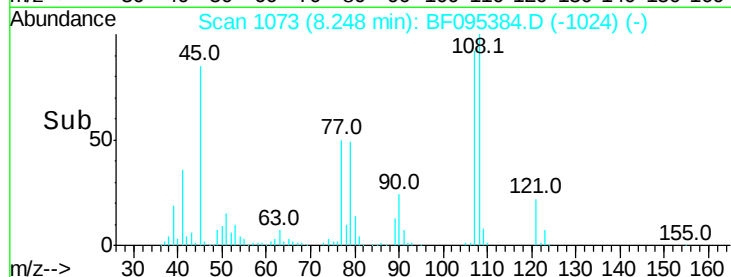
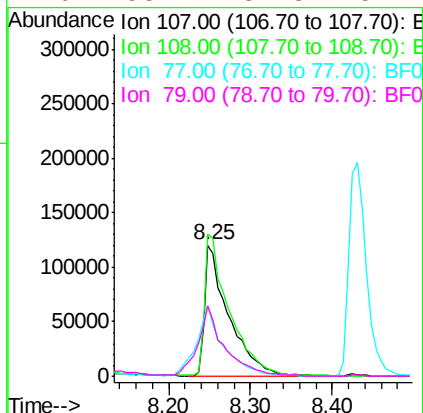
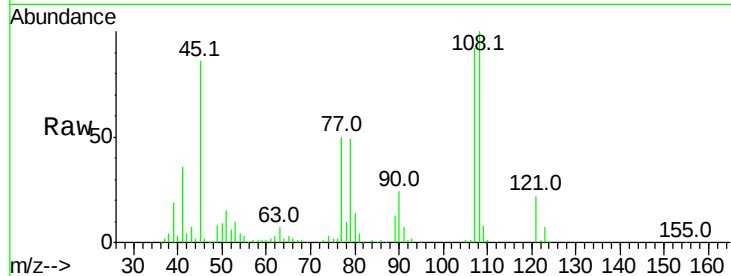




#17
2-Methylphenol
Concen: 43.49 ng
RT: 8.25 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

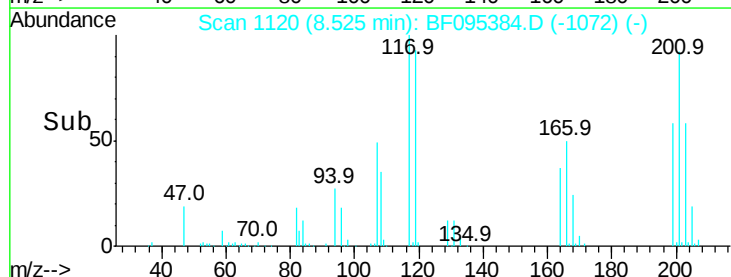
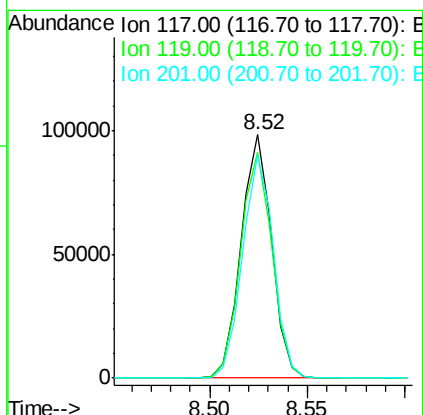
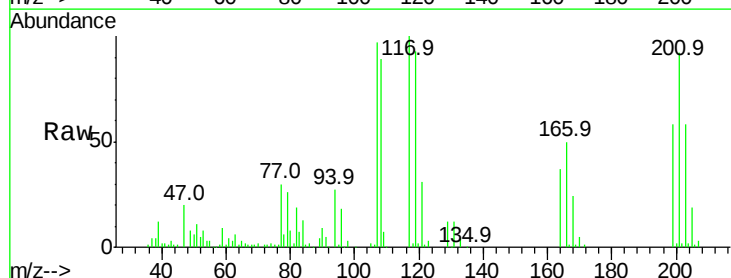
Instrument :
BNA_F
ClientSampleId :

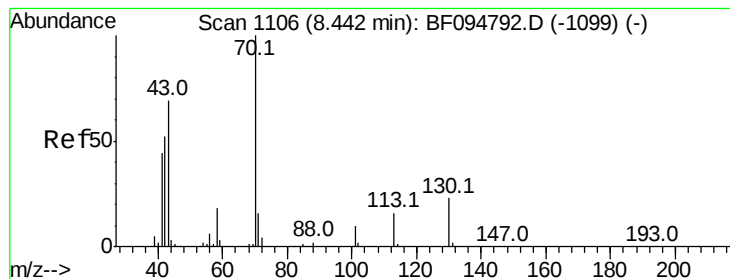
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	93.4	140.0
77	54.4	35.8	53.6#
79	53.7	34.8	52.2#



#18
Hexachloroethane
Concen: 39.60 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.4	116.0
201	91.8	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 42.08 ng

RT: 8.46 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 207755

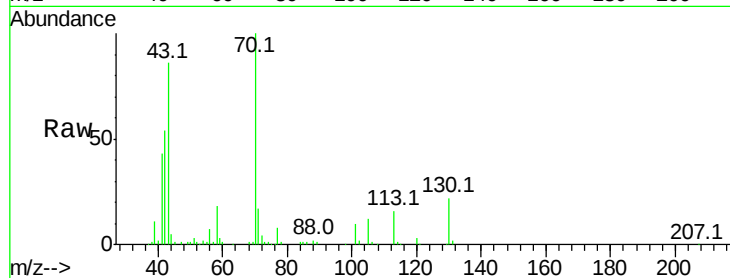
Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.2	70.8
101	10.3	7.2	10.8
130	21.8	15.9	23.9

70 100

42 54.3 47.2 70.8

101 10.3 7.2 10.8

130 21.8 15.9 23.9



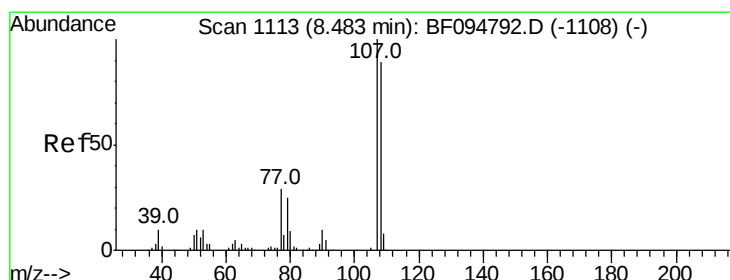
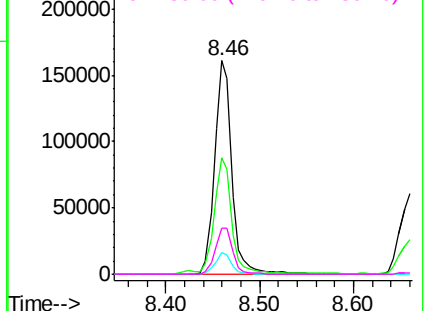
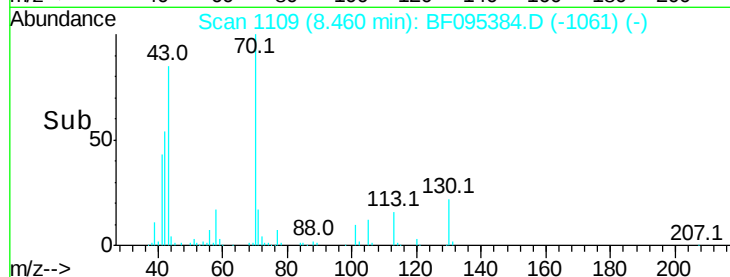
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 42.23 ng

RT: 8.51 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Tgt Ion: 107 Resp: 325241

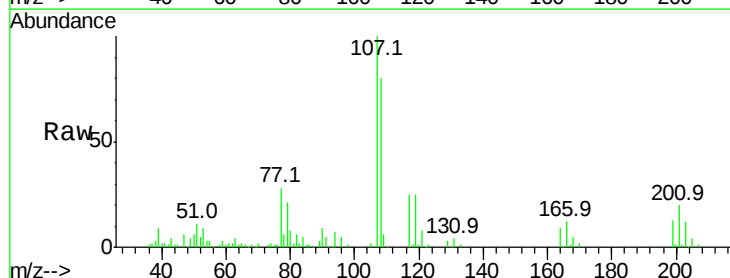
Ion	Ratio	Lower	Upper
107	100		
108	80.0	71.0	111.0
77	27.6	90.5	130.5#
79	21.2	8.4	48.4

107 100

108 80.0 71.0 111.0

77 27.6 90.5 130.5#

79 21.2 8.4 48.4



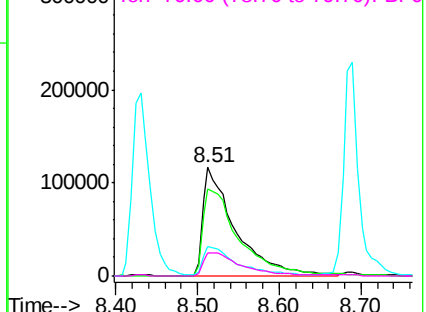
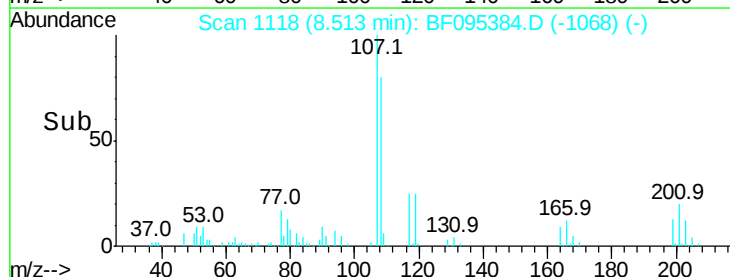
Abundance

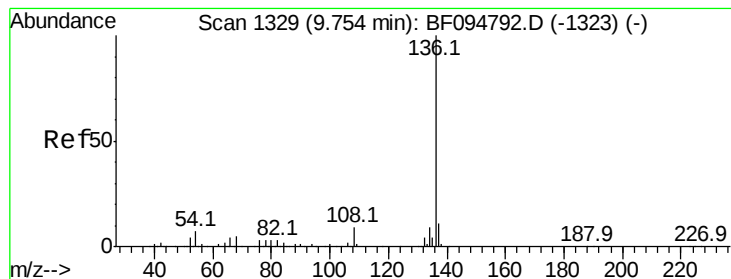
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 353142

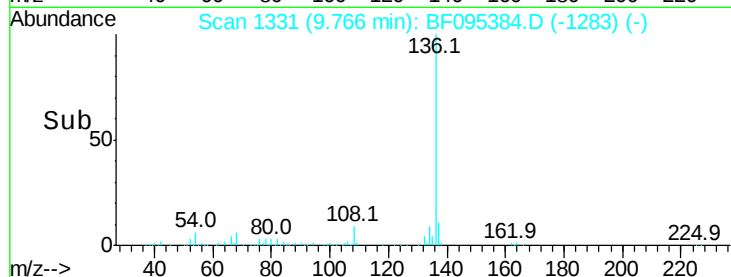
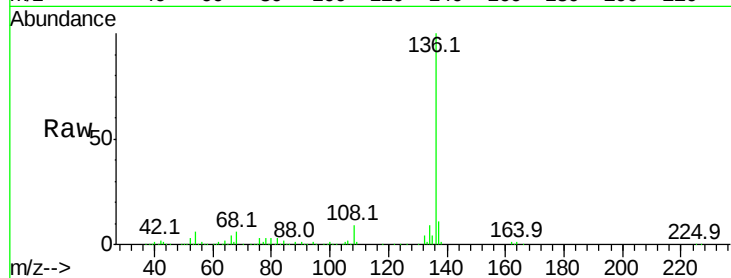
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.1 4.9 7.3

68 5.7 4.1 6.1

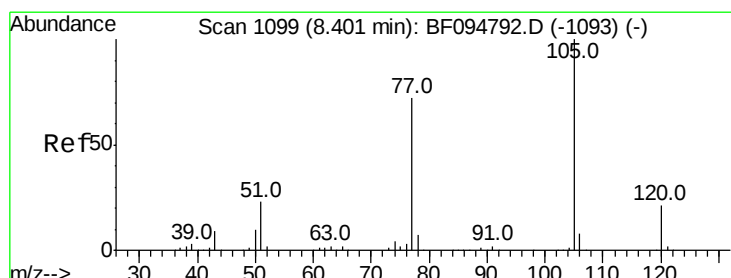
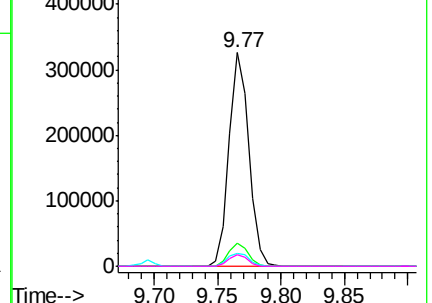


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.43 ng

RT: 8.43 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Tgt Ion:105 Resp: 410315

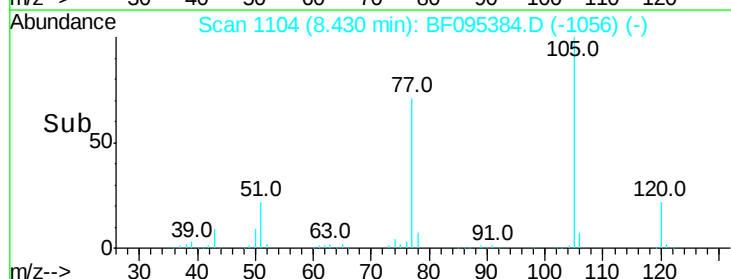
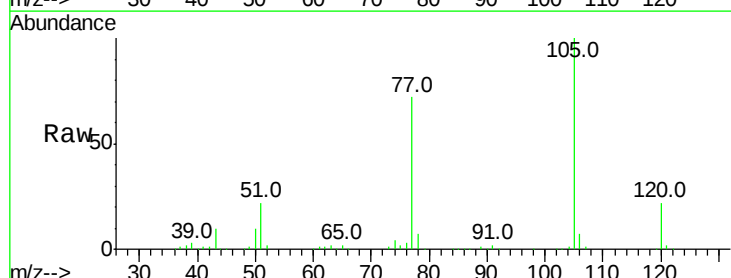
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.0 30.7 46.1#

120 22.0 17.4 26.0

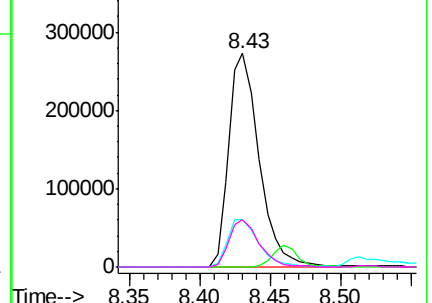


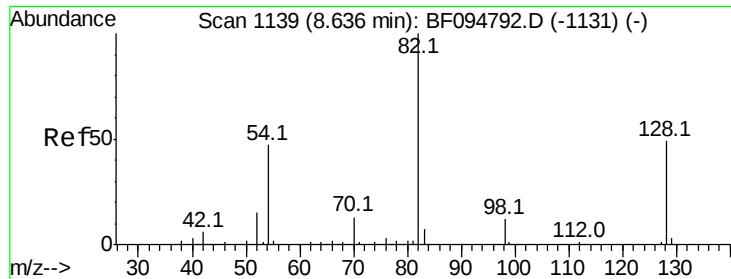
Abundance Ion 105.00 (104.70 to 105.70): E

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

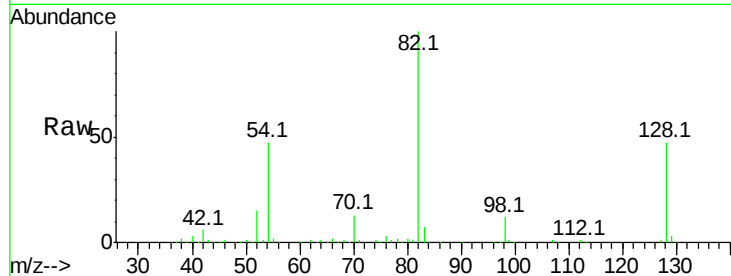




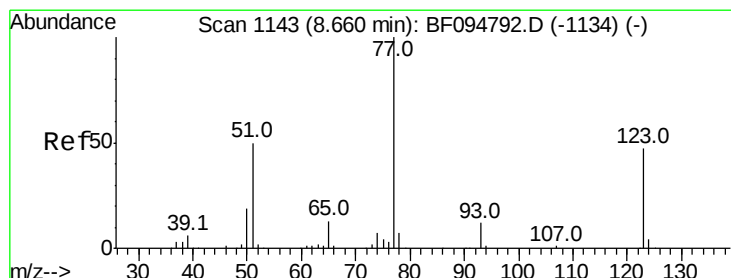
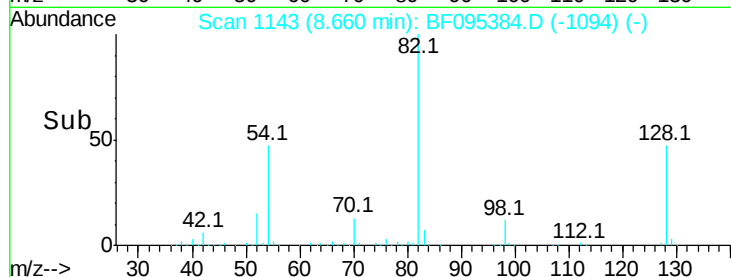
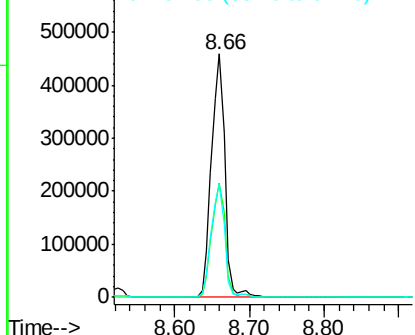
#23
 Nitrobenzene-d5
 Concen: 101.98 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 571124
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 46.5 42.2 63.2

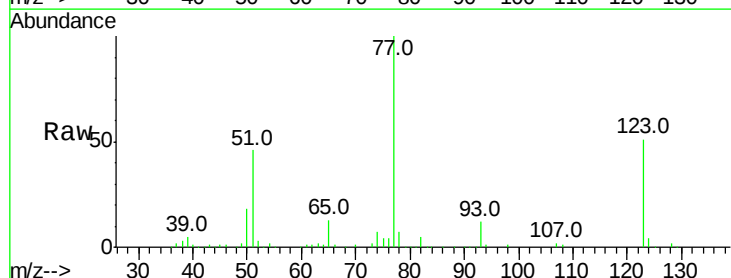


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

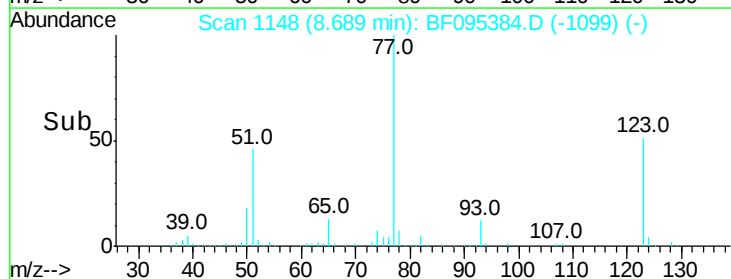
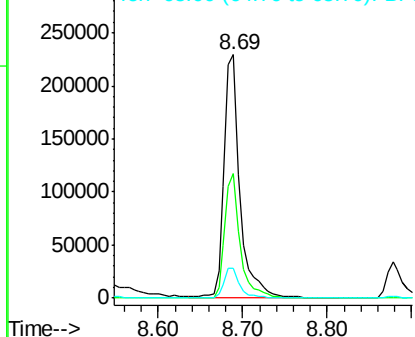


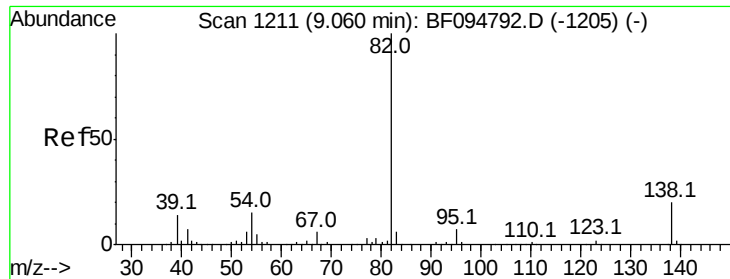
#24
 Nitrobenzene
 Concen: 51.00 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion: 77 Resp: 299370
 Ion Ratio Lower Upper
 77 100
 123 51.0 35.8 53.8
 65 12.5 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: 52.10 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

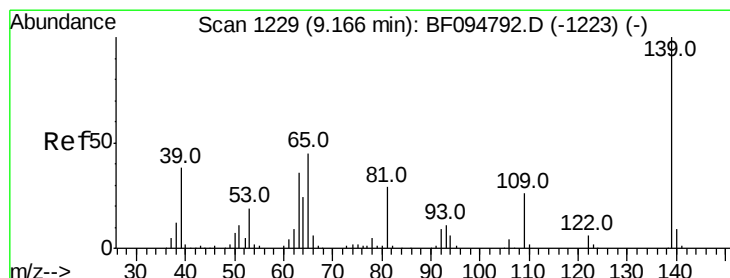
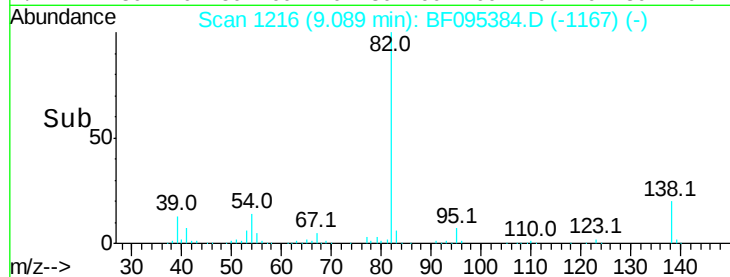
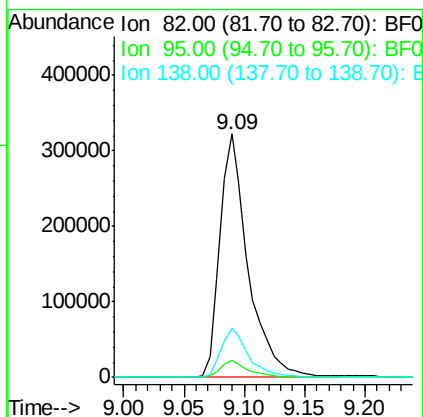
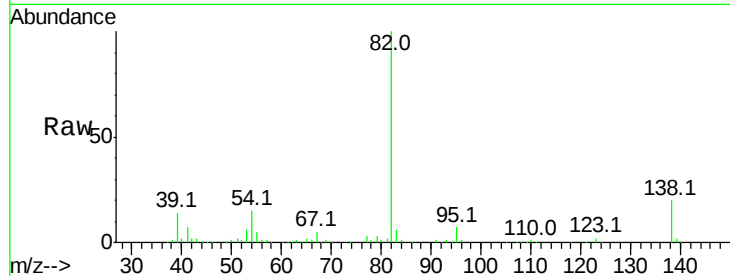
Tot Ion: 82 Resp: 520980

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 20.1 13.1 19.7#



#26

2-Nitrophenol

Concen: 53.47 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

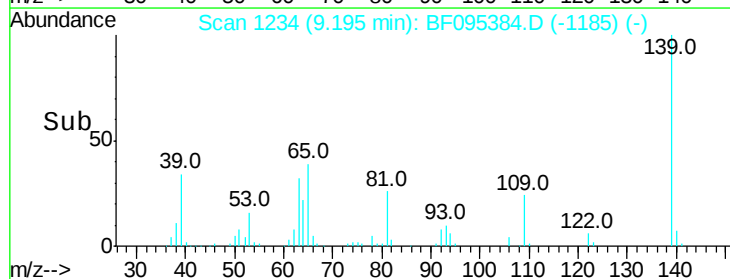
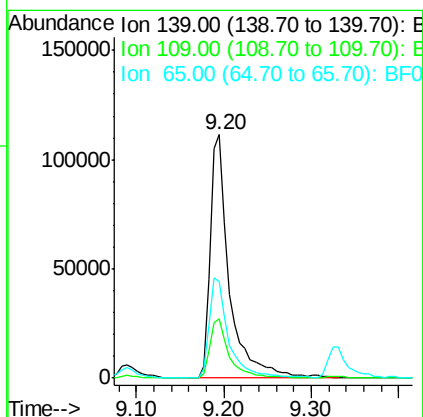
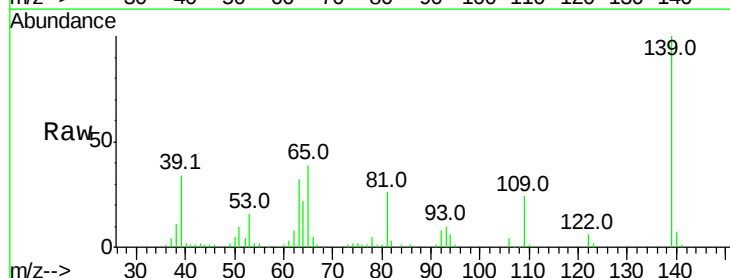
Tgt Ion:139 Resp: 169362

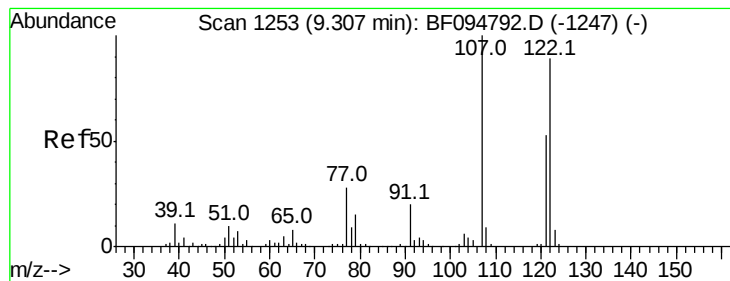
Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.6

65 39.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 52.73 ng

RT: 9.33 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampled :

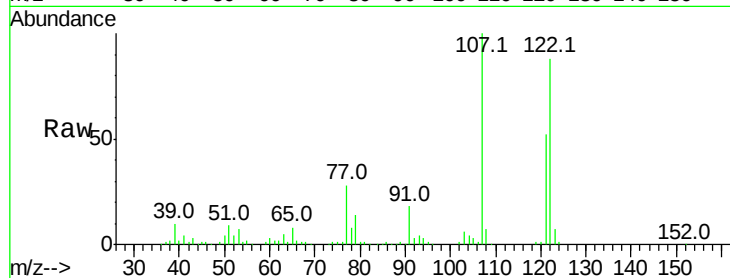
Tot Ion:122 Resp: 270056

Ion Ratio Lower Upper

122 100

107 113.4 89.2 133.8

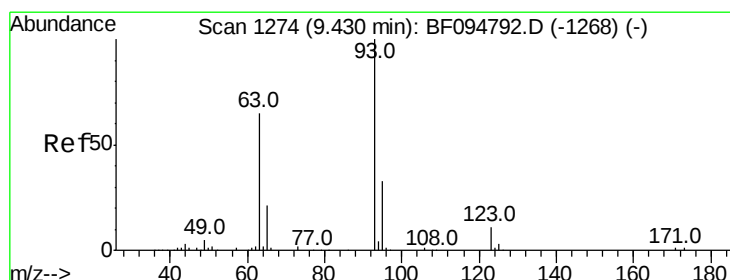
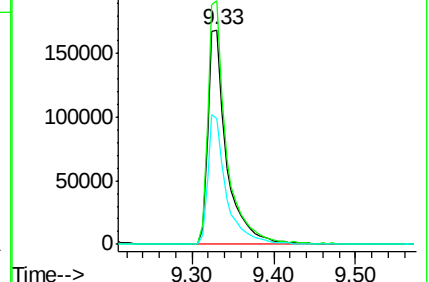
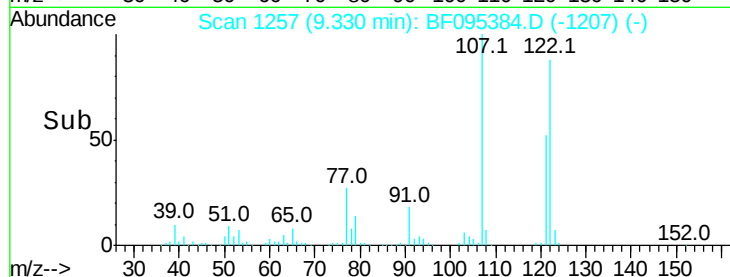
121 58.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.85 ng

RT: 9.45 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

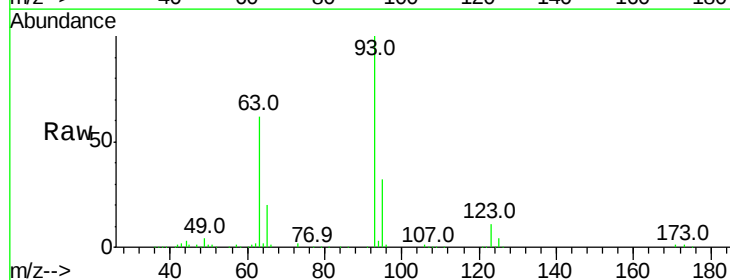
Tgt Ion: 93 Resp: 337953

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

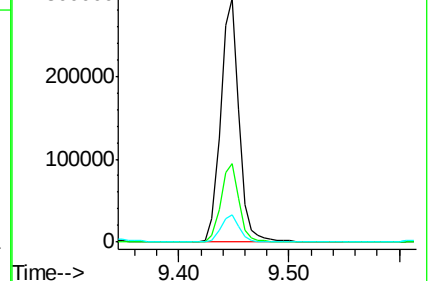
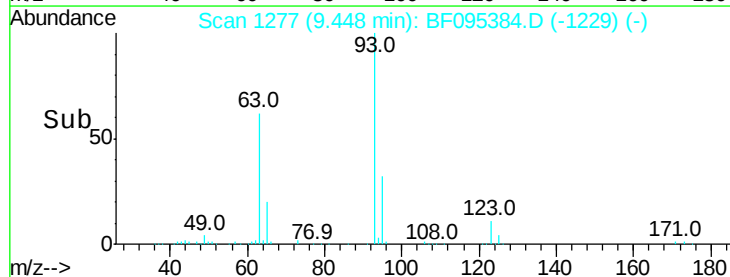
123 11.3 9.0 13.4

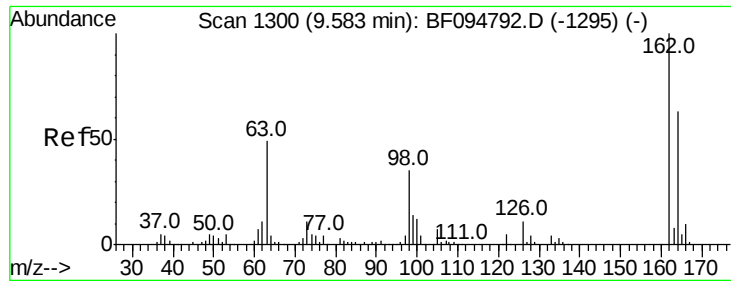


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

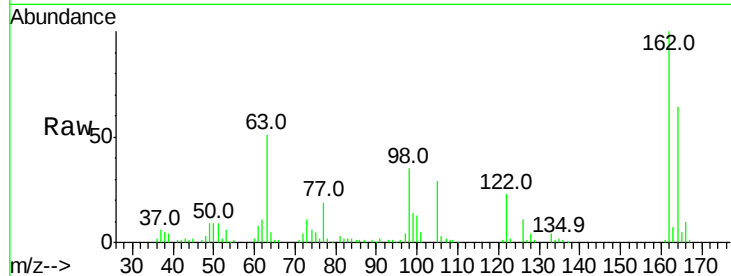




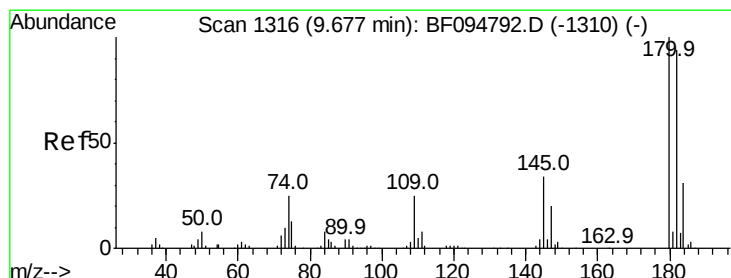
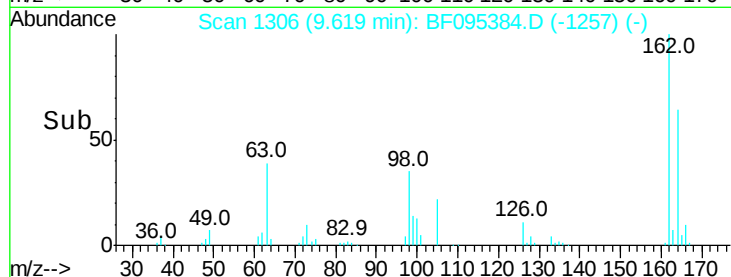
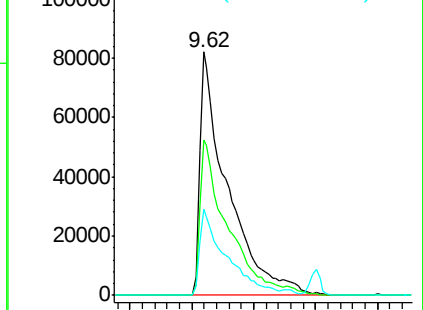
#29
 2,4-Dichlorophenol
 Concen: 52.61 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	35.2	14.8	54.8

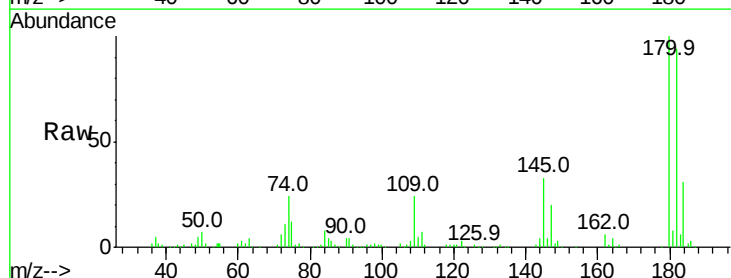


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

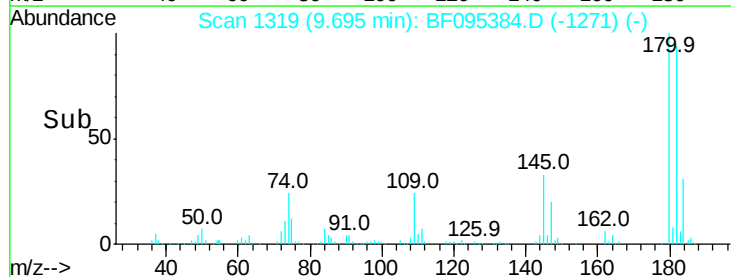
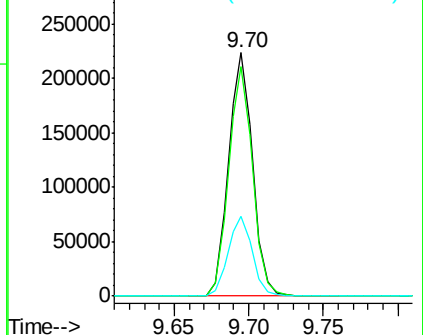


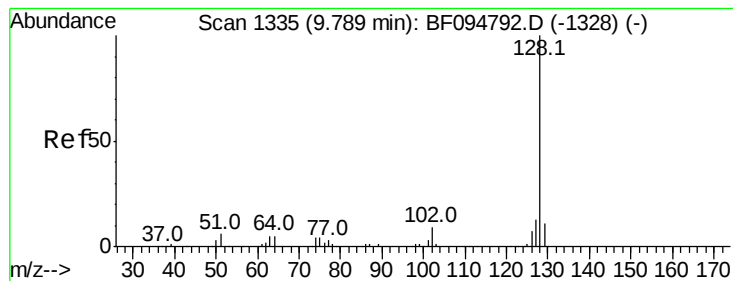
#30
 1,2,4-Trichlorobenzene
 Concen: 48.95 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	32.5	25.3	37.9



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





#31

Naphthalene

Concen: 42.18 ng

RT: 9.80 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampled :

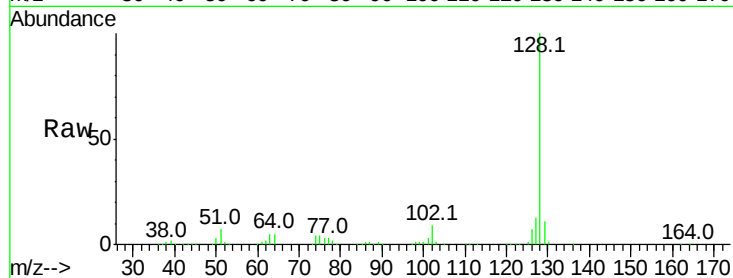
Tot Ion:128 Resp: 748731

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

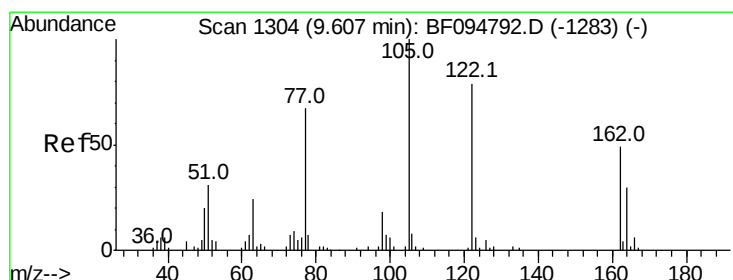
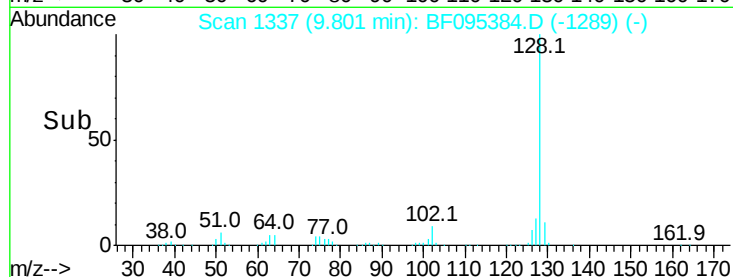
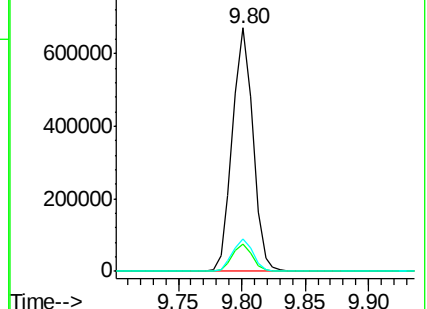
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.51 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

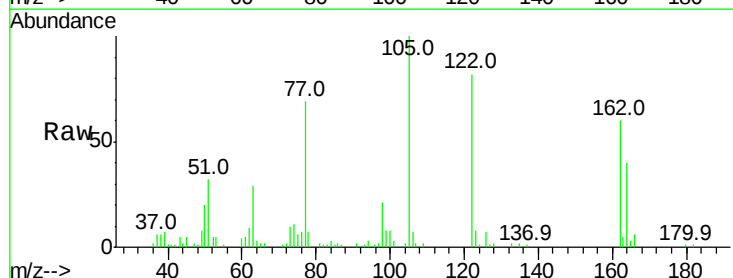
Tgt Ion:122 Resp: 144500

Ion Ratio Lower Upper

122 100

105 122.4 103.3 143.3

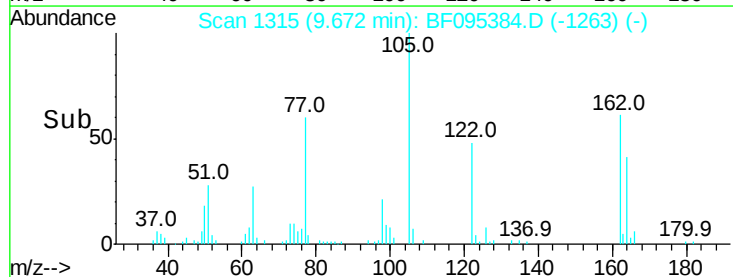
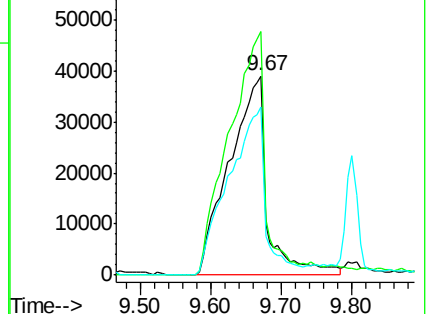
77 84.3 73.7 113.7

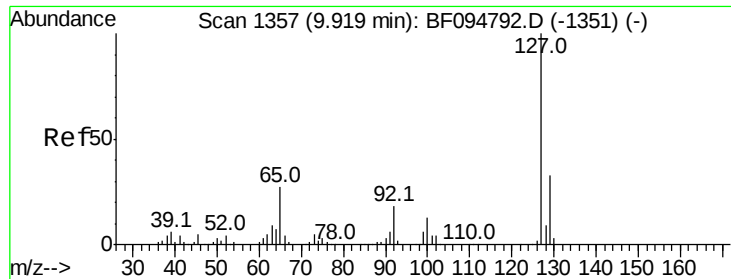


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

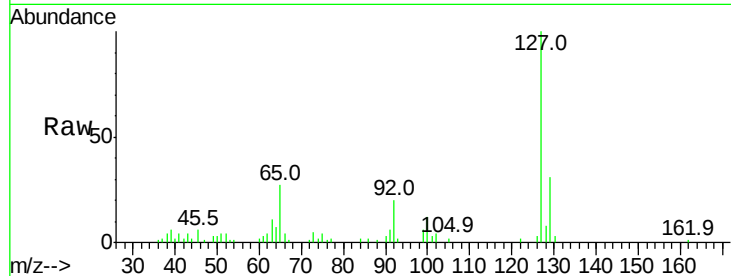




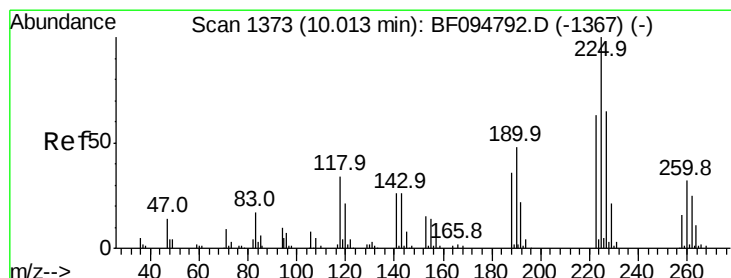
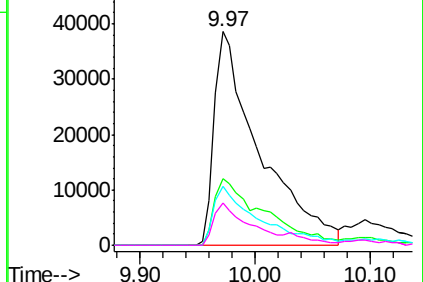
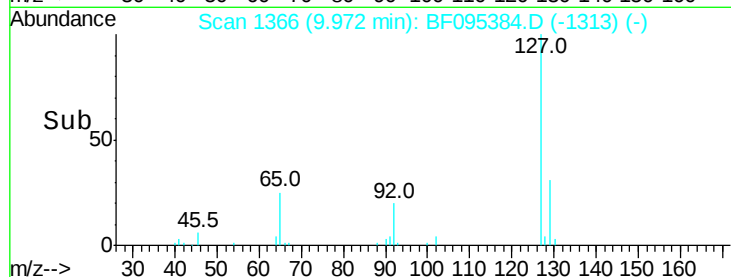
#33
 4-Chloroaniline
 Concen: 15.91 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	105204
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	27.3	27.8	41.8#
92	20.0	16.8	25.2

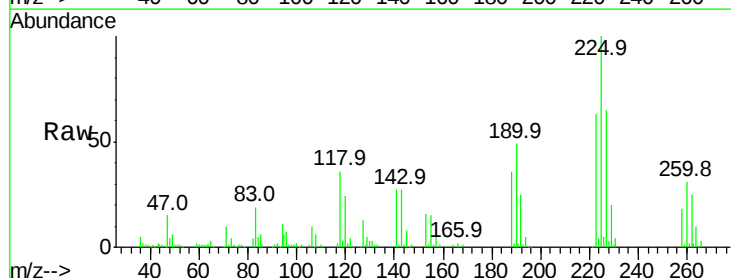


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

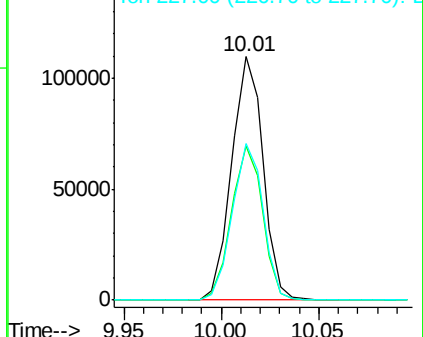
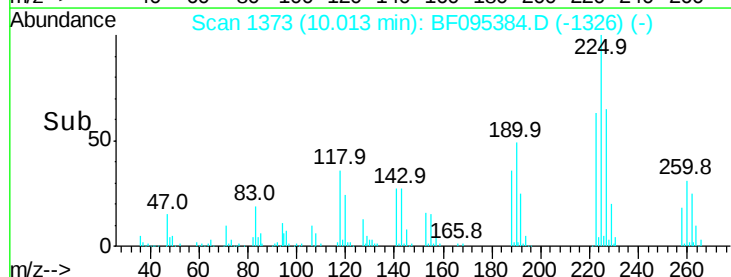


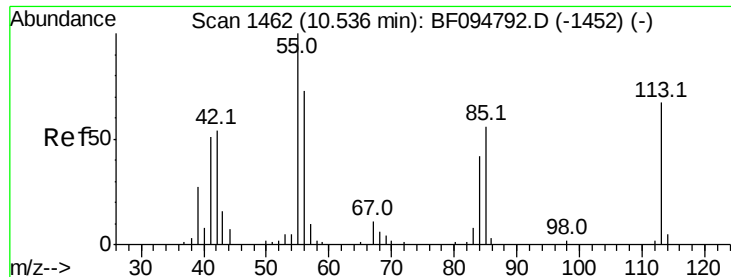
#34
 Hexachlorobutadiene
 Concen: 44.82 ng
 RT: 10.01 min Scan# 1373
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:	225	Resp:	122502
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.8	73.2
227	64.6	51.1	76.7



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





#35

Caprolactam

Concen: 21.53 ng

RT: 10.67 min Scan# 1485

Delta R.T. 0.08 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

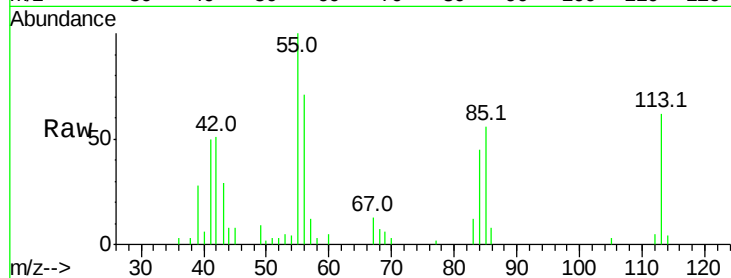
Tot Ion:113 Resp: 31254

Ion Ratio Lower Upper

113 100

55 161.3 150.2 190.2

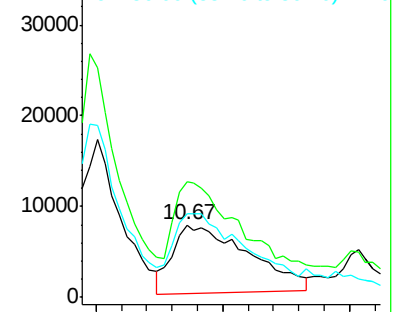
56 115.3 107.8 147.8



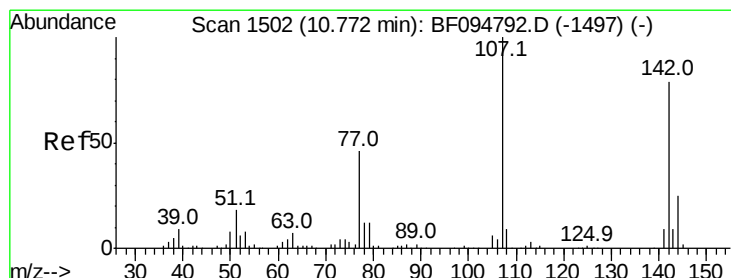
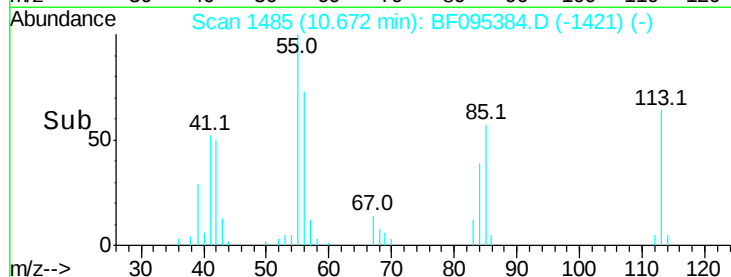
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 49.15 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

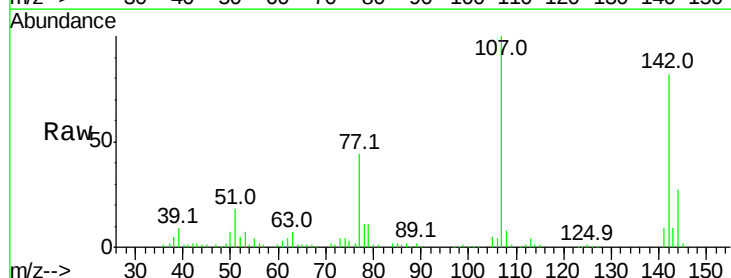
Tgt Ion:107 Resp: 254108

Ion Ratio Lower Upper

107 100

144 27.5 24.2 36.4

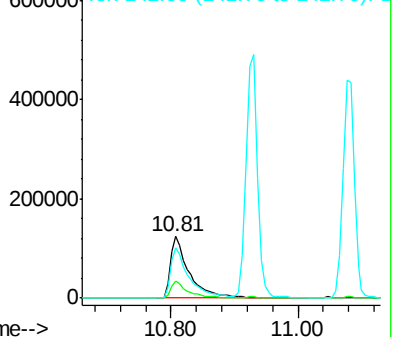
142 81.8 73.4 110.0



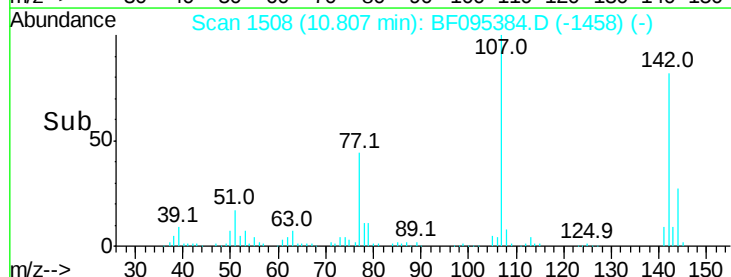
Abundance Ion 107.00 (106.70 to 107.70): E

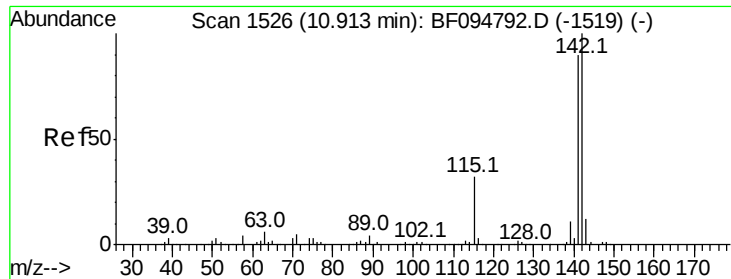
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

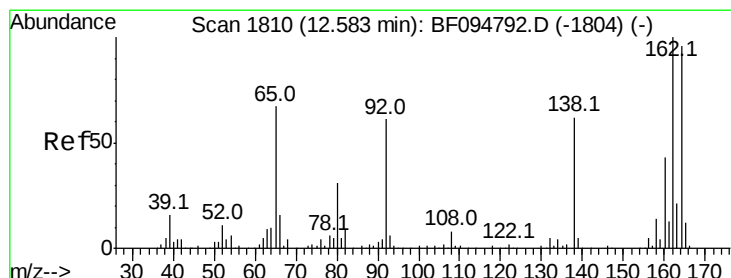
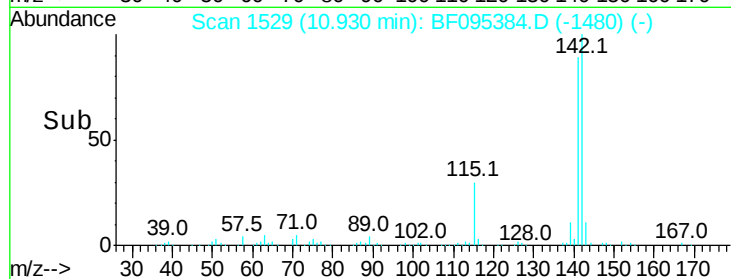
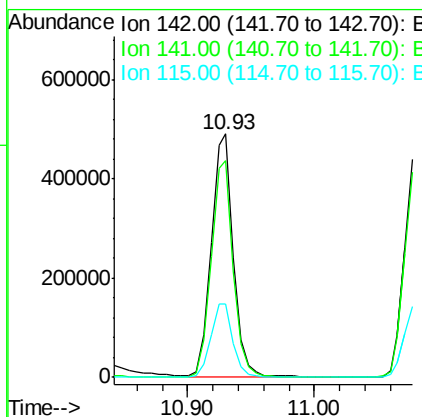
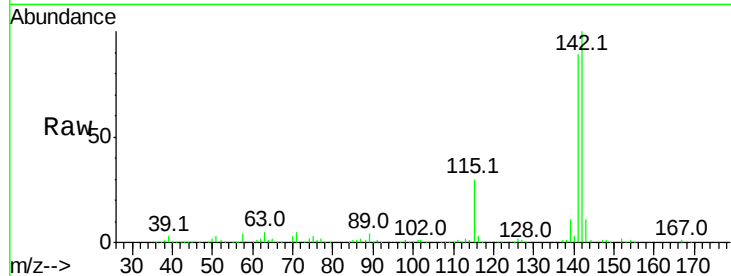




#37
2-Methylnaphthalene
Concen: 51.29 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

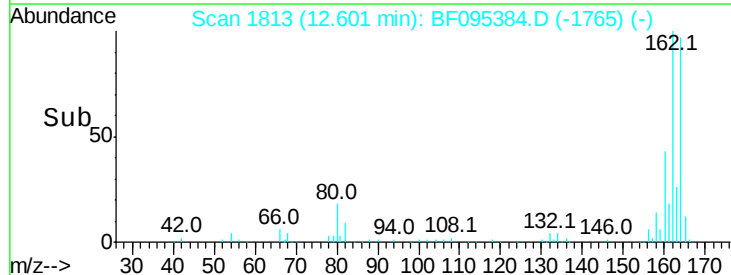
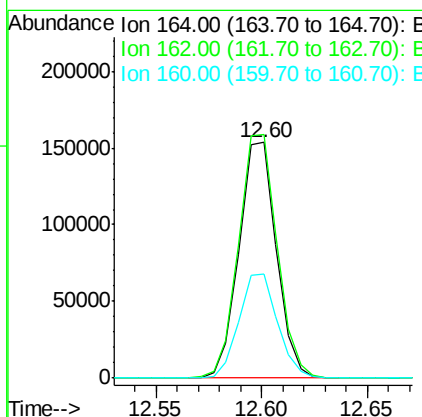
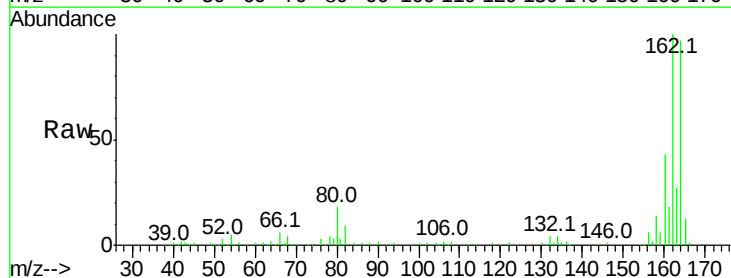
Instrument :
BNA_F
ClientSampleId :

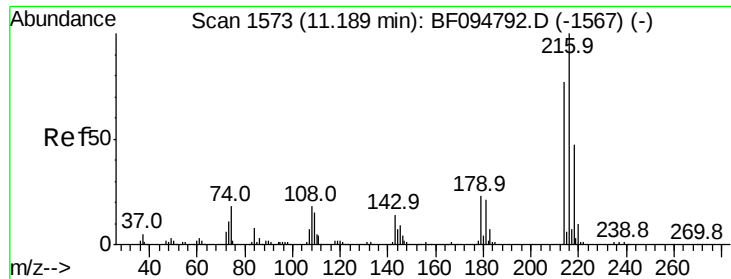
Tot Ion:142 Resp: 597442
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9
115 30.0 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Tgt Ion:164 Resp: 188586
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 44.5 36.2 54.2

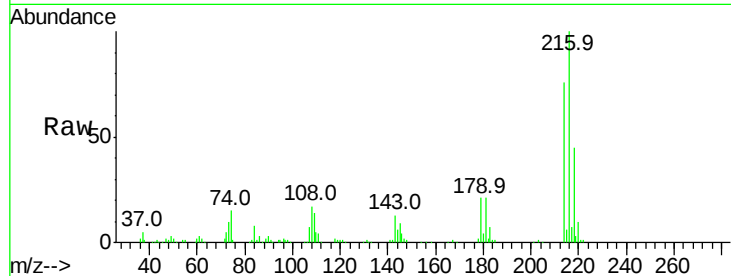




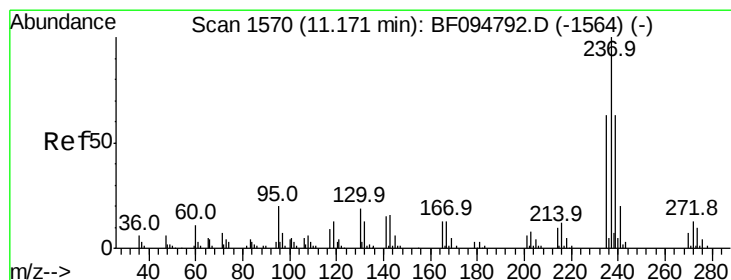
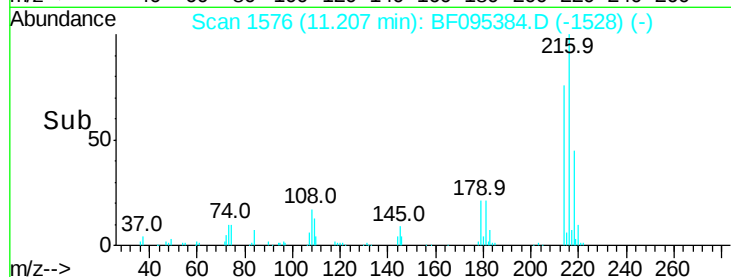
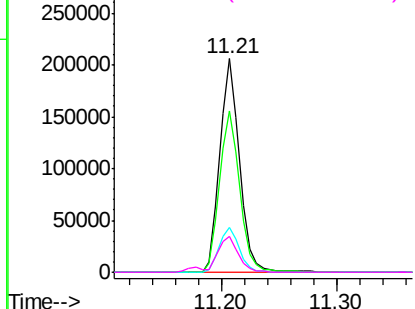
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.90 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	243000
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.4	95.2
179	21.4	17.9	26.9
108	19.9	16.5	24.7

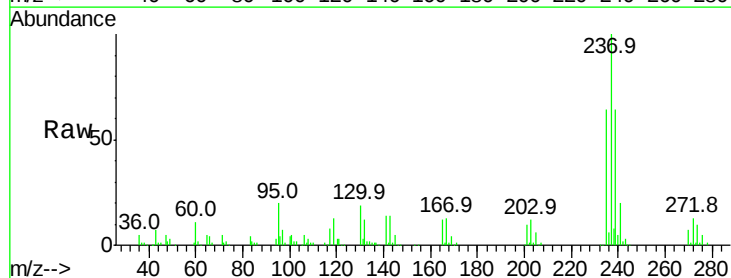


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

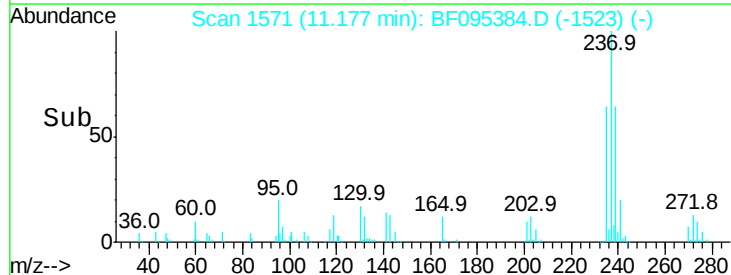
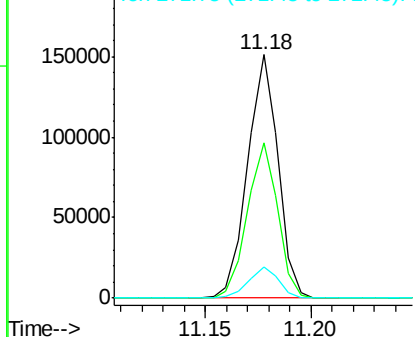


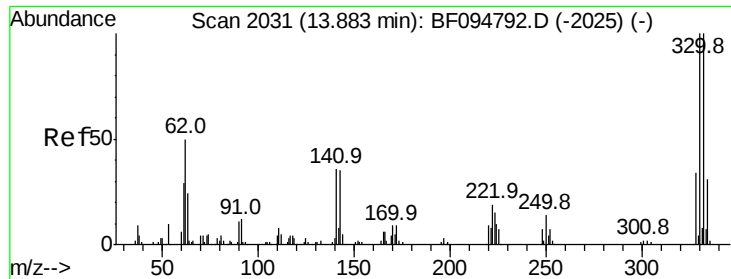
#40
 Hexachlorocyclopentadiene
 Concen: 63.54 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:	237	Resp:	151639
Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.6	82.6
272	13.0	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

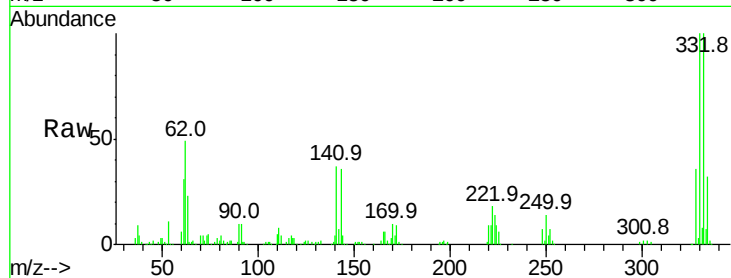




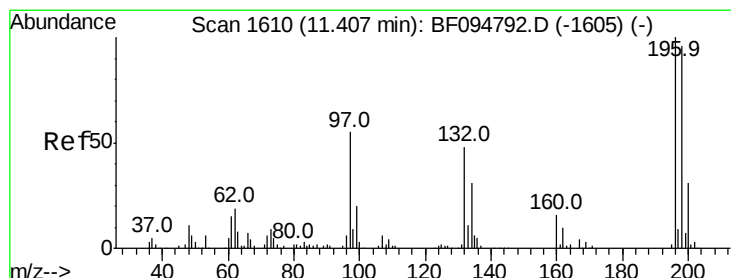
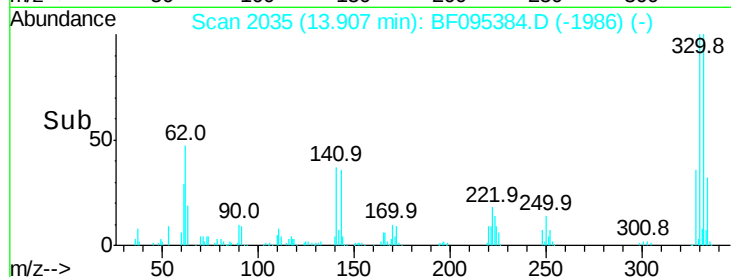
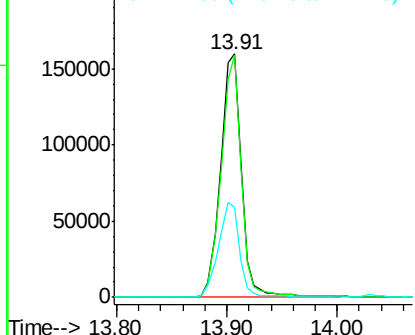
#41
 2,4,6-Tribromophenol
 Concen: 137.59 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 212506
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 39.6 31.4 47.2

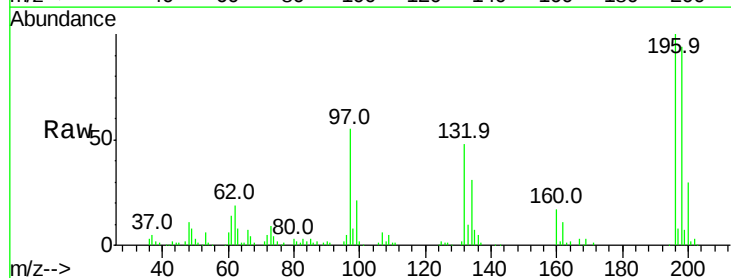


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

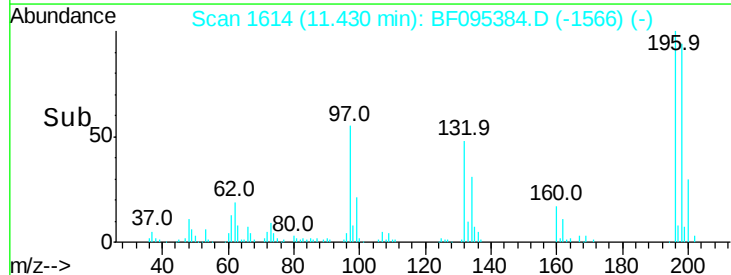
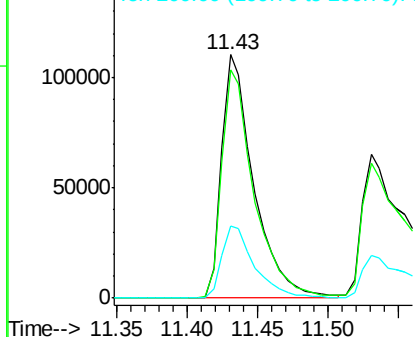


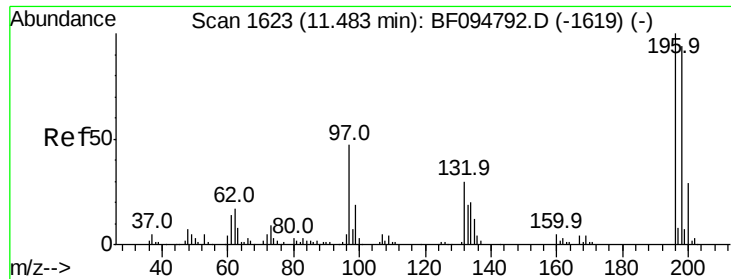
#42
 2,4,6-Trichlorophenol
 Concen: 45.32 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:196 Resp: 175473
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.4
 200 29.6 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

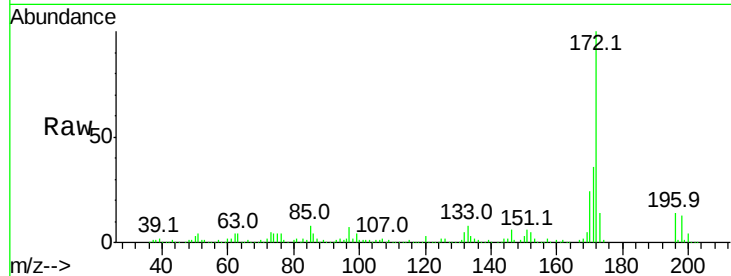




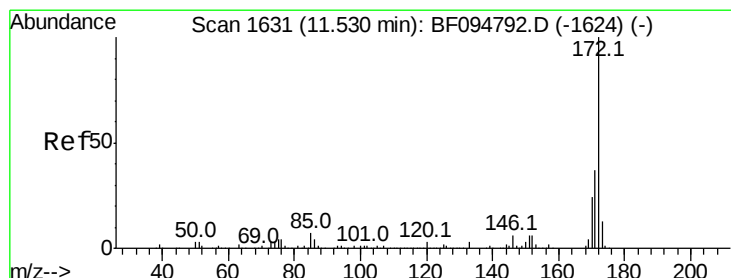
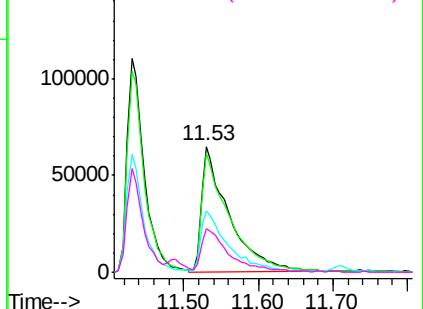
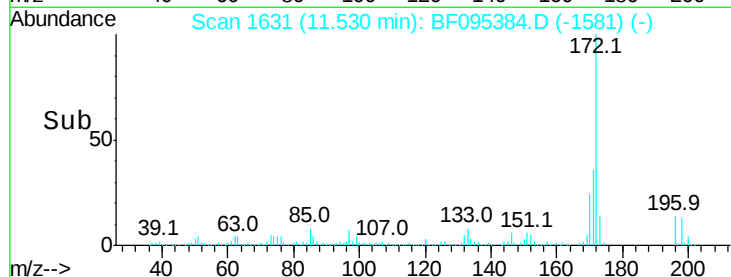
#43
 2,4,5-Trichlorophenol
 Concen: 39.76 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 165470
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 97 48.9 47.7 71.5
 132 34.9 28.0 42.0

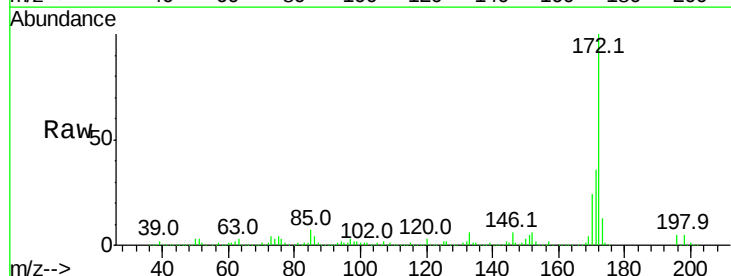


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

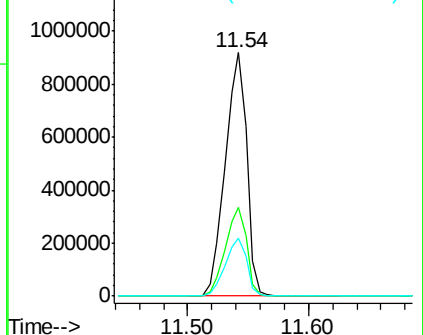
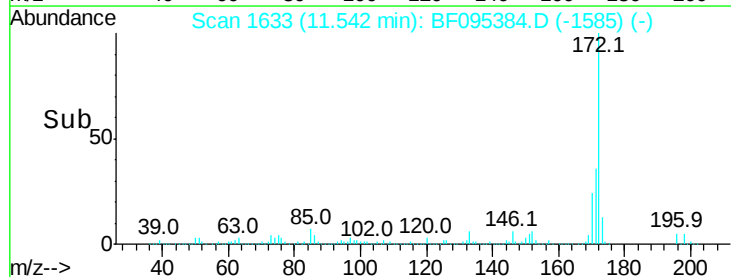


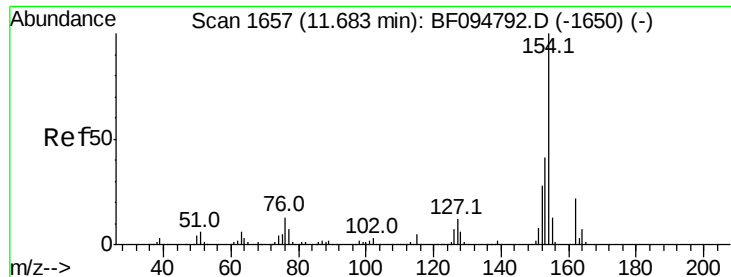
#44
 2-Fluorobiphenyl
 Concen: 86.41 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:172 Resp: 1132217
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 43.24 ng

RT: 11.69 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

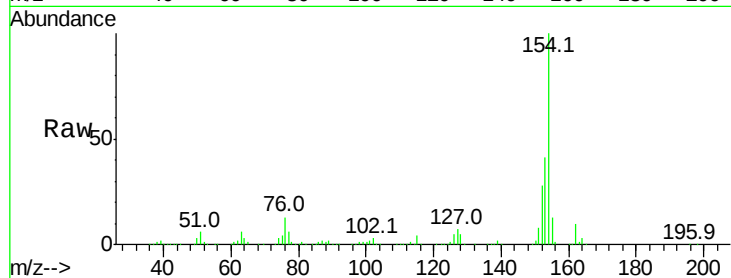
Tot Ion:154 Resp: 686609

Ion Ratio Lower Upper

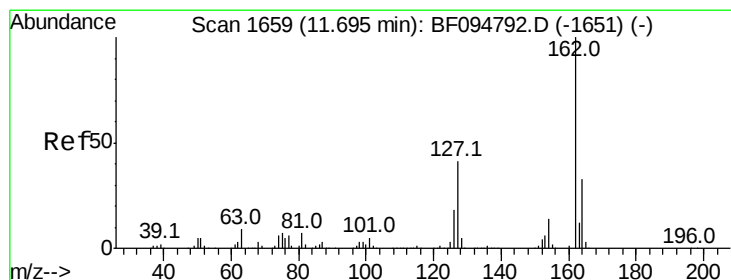
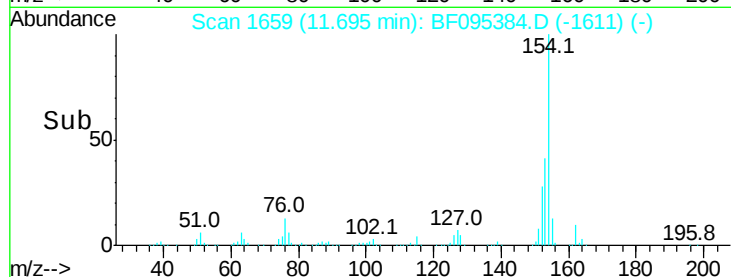
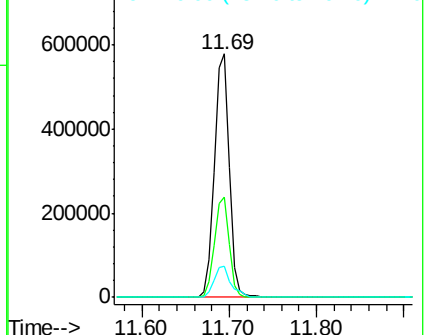
154 100

153 41.0 21.2 61.2

76 12.8 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: 41.43 ng

RT: 11.71 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

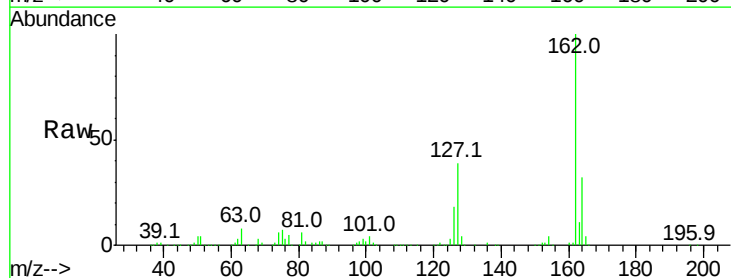
Tgt Ion:162 Resp: 531148

Ion Ratio Lower Upper

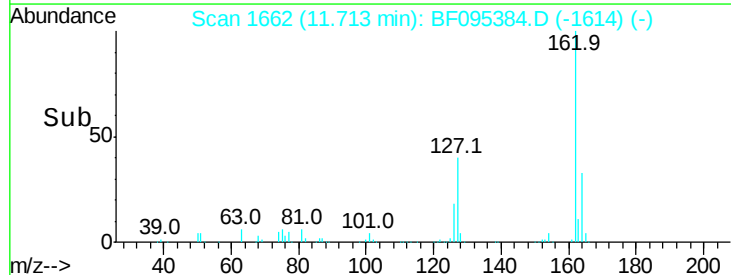
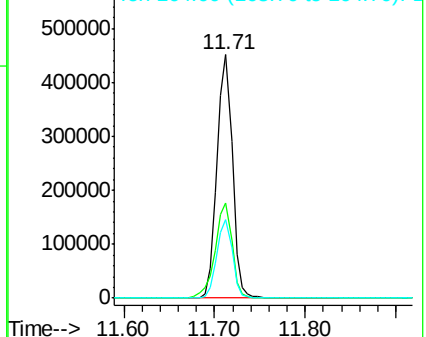
162 100

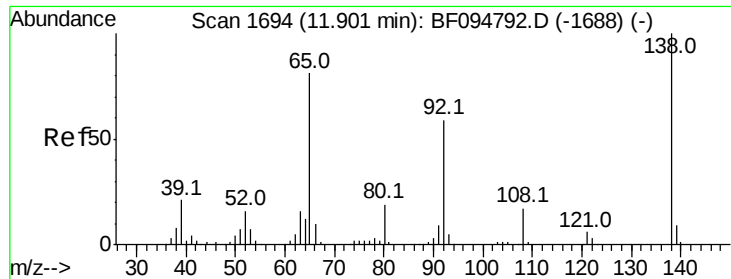
127 38.9 28.3 42.5

164 32.2 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

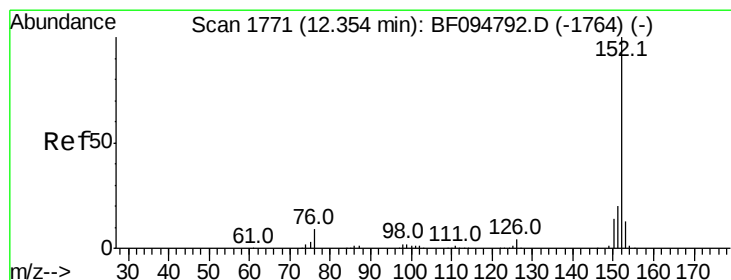
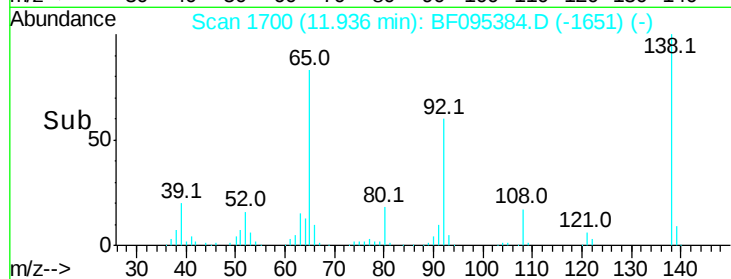
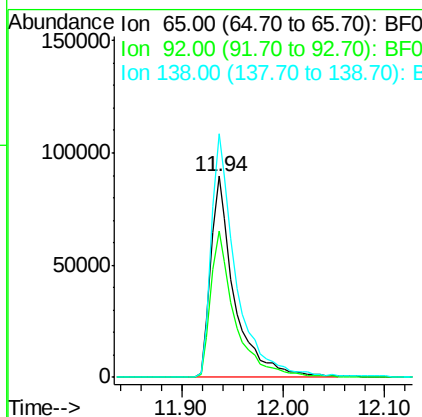
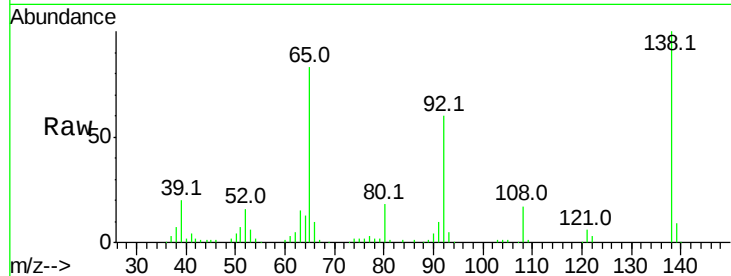




#47
 2-Nitroaniline
 Concen: 41.63 ng
 RT: 11.94 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

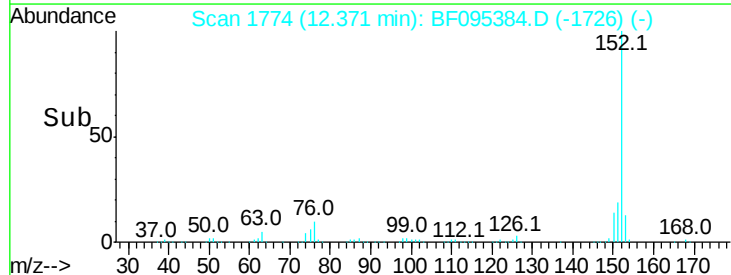
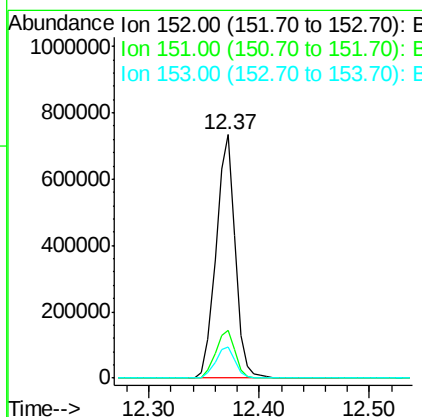
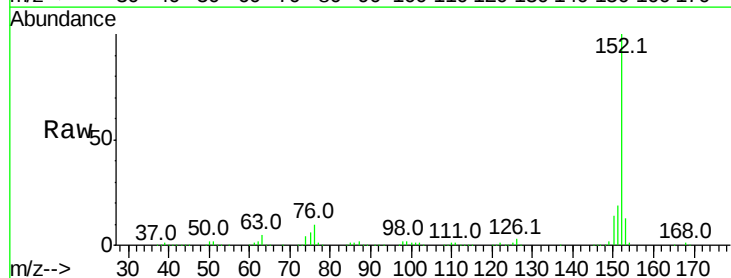
Instrument :
 BNA_F
 ClientSampled :

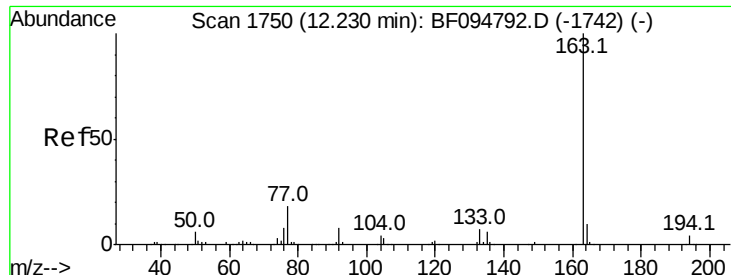
Tot Ion: 65 Resp: 146076
 Ion Ratio Lower Upper
 65 100
 92 72.9 53.9 80.9
 138 120.9 78.8 118.2#



#48
 Acenaphthylene
 Concen: 43.67 ng
 RT: 12.37 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:152 Resp: 876951
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 40.01 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

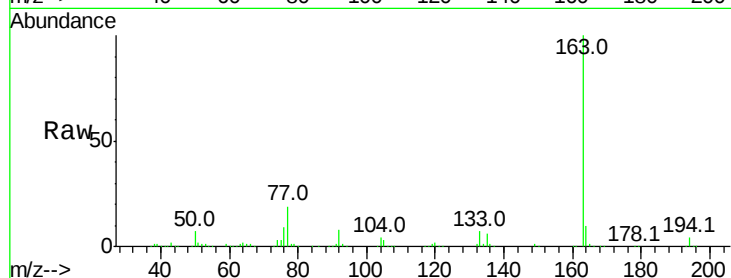
Tot Ion:163 Resp: 619448

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

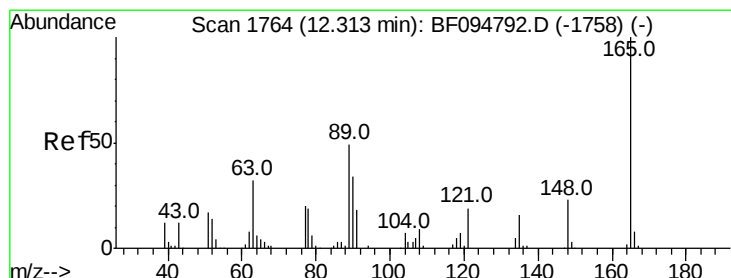
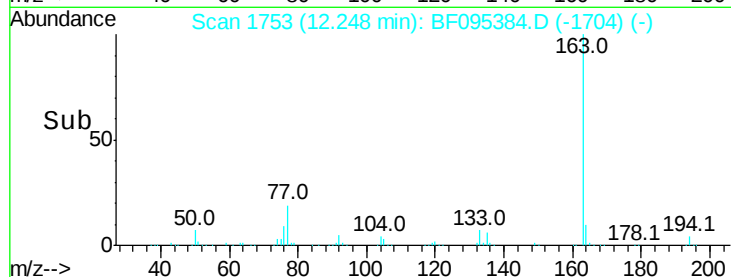
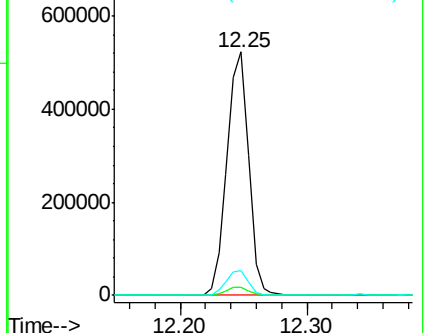
164 10.1 8.4 12.6



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: 45.17 ng

RT: 12.34 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

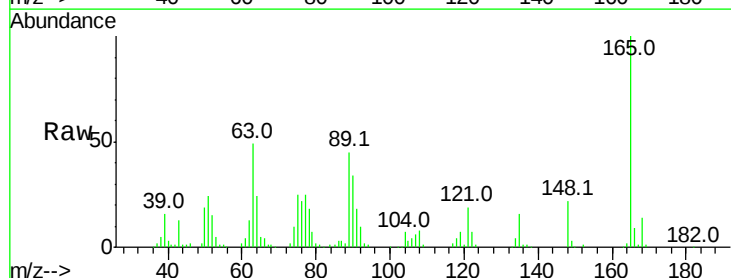
Tgt Ion:165 Resp: 142683

Ion Ratio Lower Upper

165 100

63 48.9 34.3 51.5

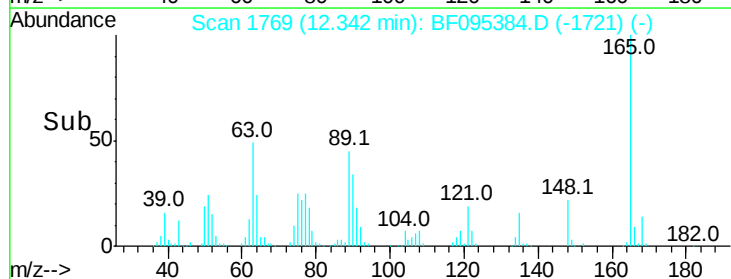
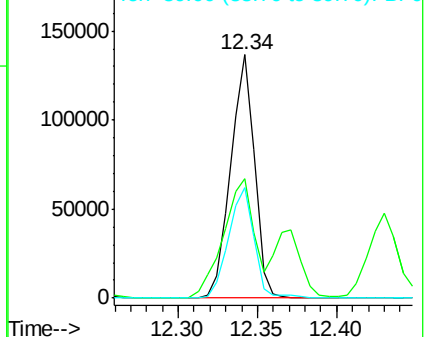
89 45.4 37.1 55.7

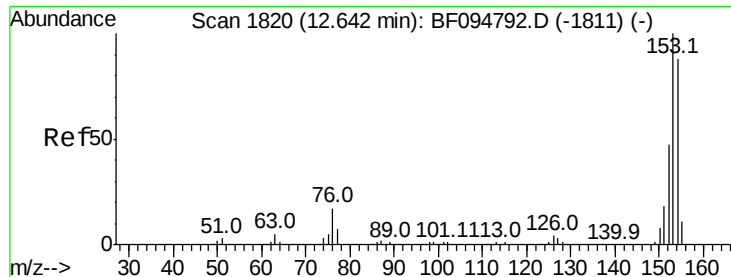


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.79 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

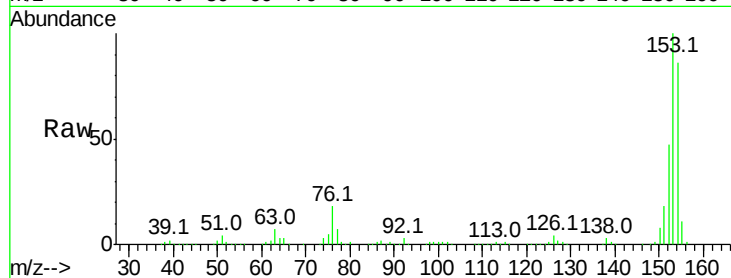
Tot Ion:154 Resp: 501239

Ion Ratio Lower Upper

154 100

153 116.1 90.5 135.7

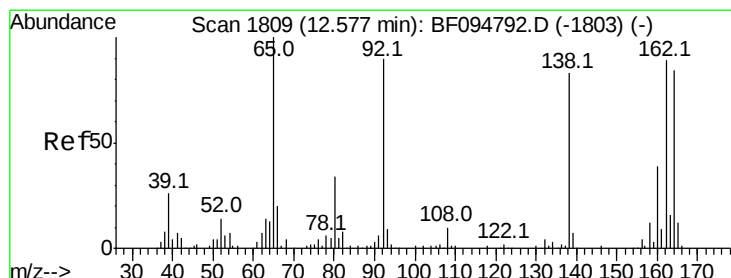
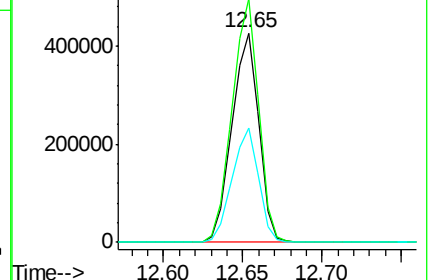
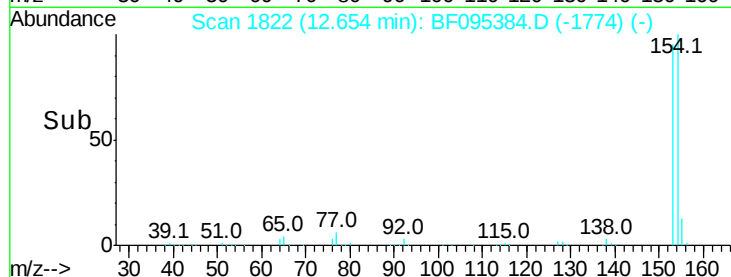
152 54.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.04 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

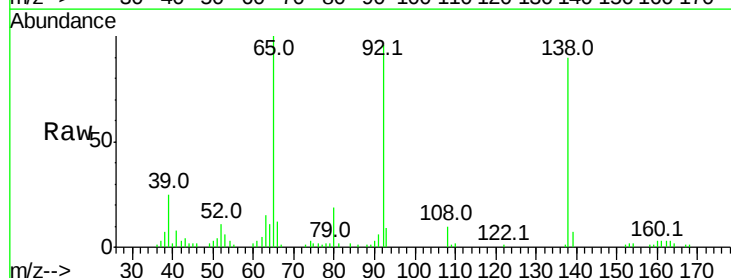
Tgt Ion:138 Resp: 98430

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

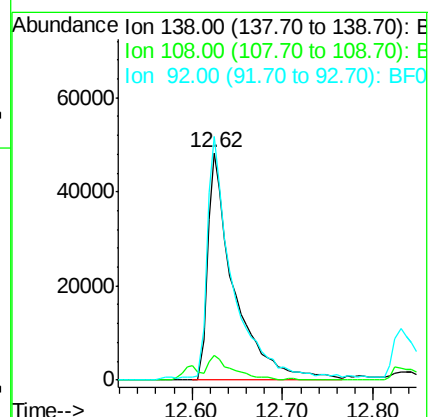
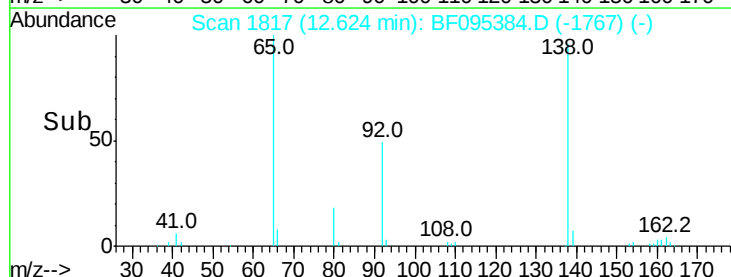
92 107.1 93.8 140.6

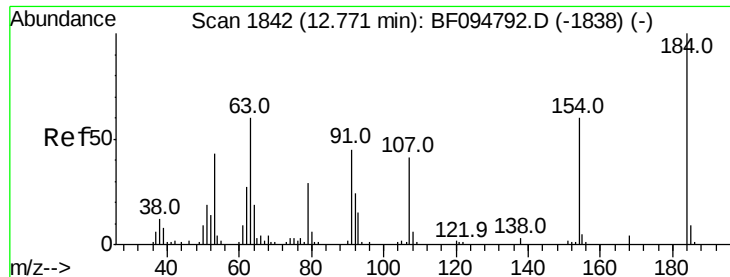


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

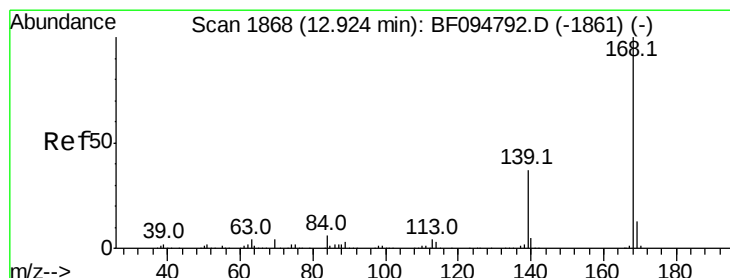
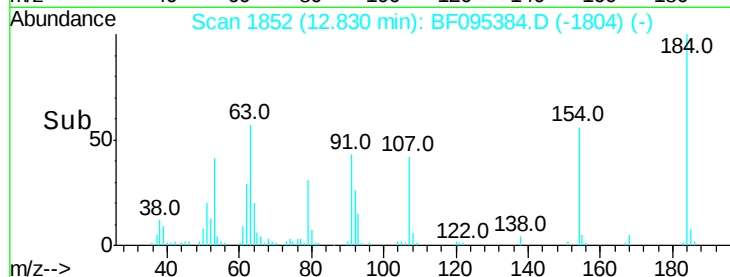
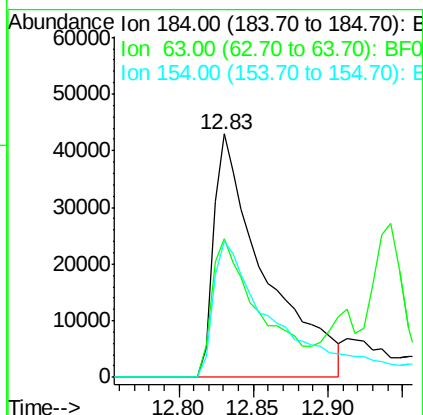
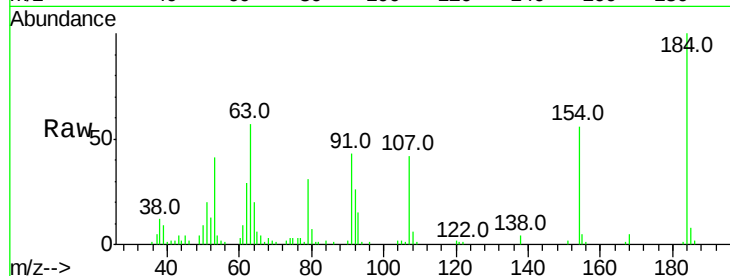




#53
 2,4-Dinitrophenol
 Concen: 60.08 ng
 RT: 12.83 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

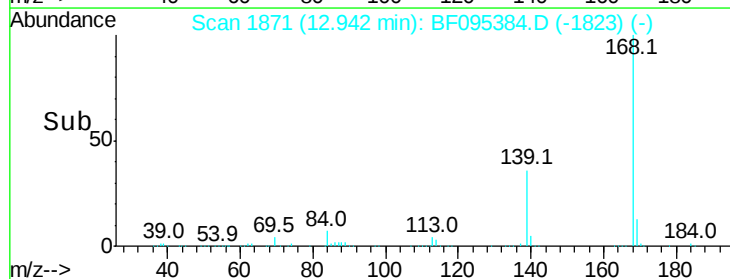
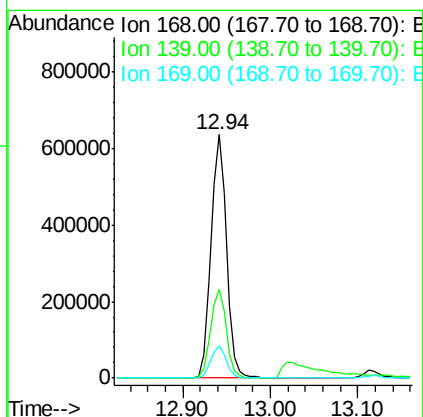
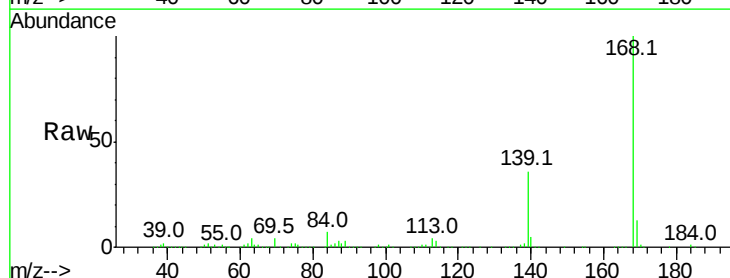
Instrument :
 BNA_F
 ClientSampled :

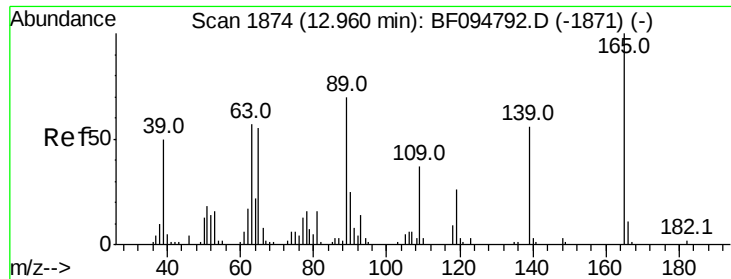
Tot Ion:184 Resp: 101581
 Ion Ratio Lower Upper
 184 100
 63 56.8 62.7 94.1#
 154 55.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 47.45 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:168 Resp: 787581
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.6 45.8
 169 13.2 10.8 16.2

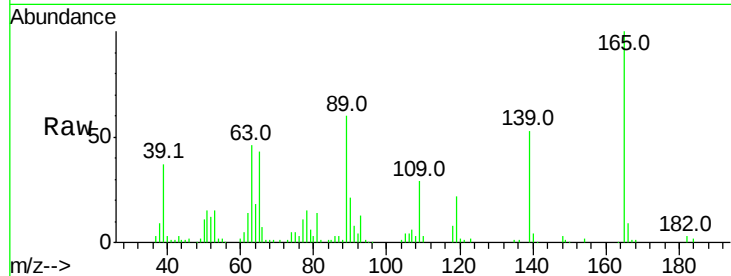




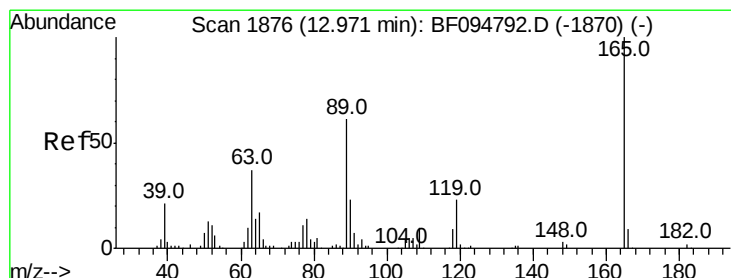
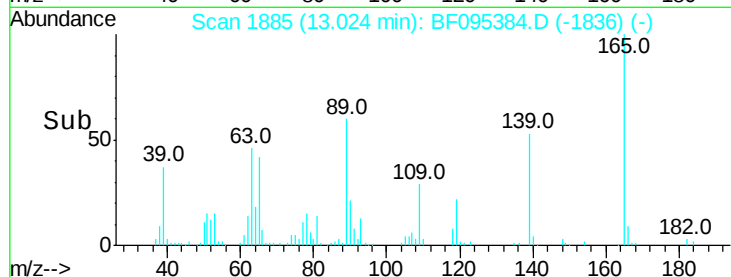
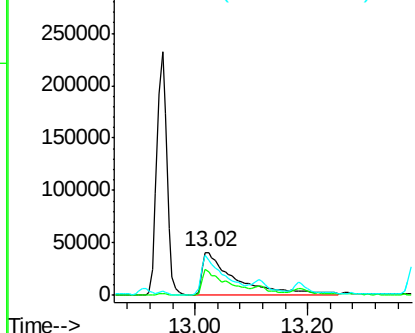
#55
4-Nitrophenol
Concen: 81.61 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 166171
Ion Ratio Lower Upper
139 100
109 53.9 34.1 74.1
65 80.4 31.4 71.4#

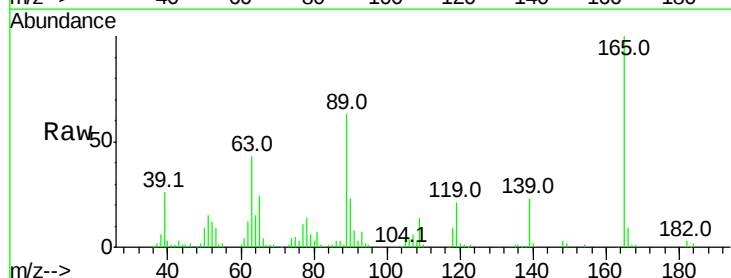


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

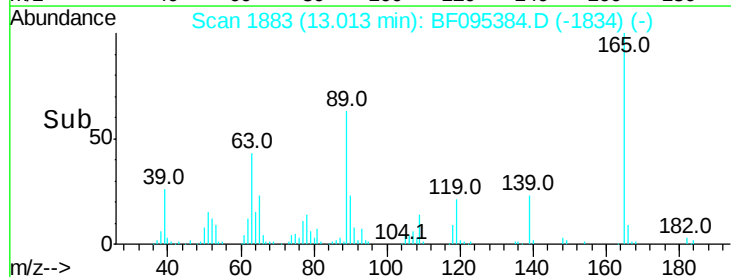
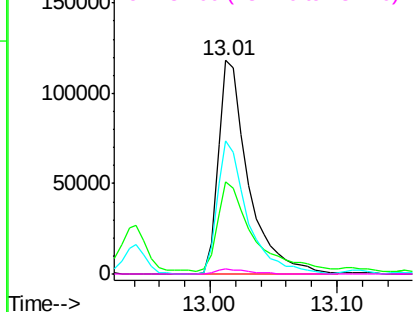


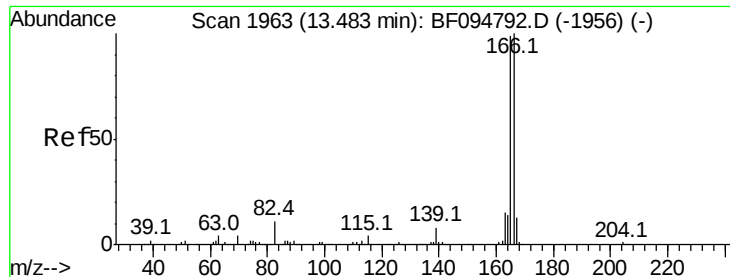
#56
2,4-Dinitrotoluene
Concen: 48.15 ng
RT: 13.01 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Tgt Ion:165 Resp: 195431
Ion Ratio Lower Upper
165 100
63 43.3 25.4 38.0#
89 62.6 46.4 69.6
182 2.5 1.8 2.6



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

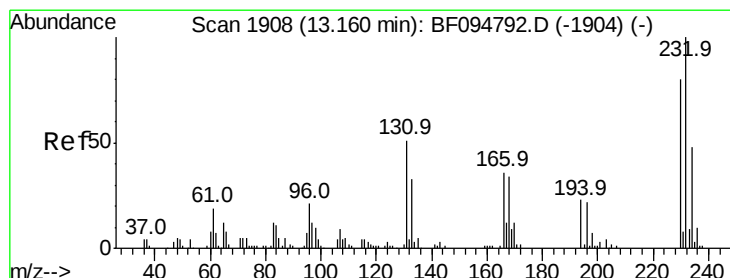
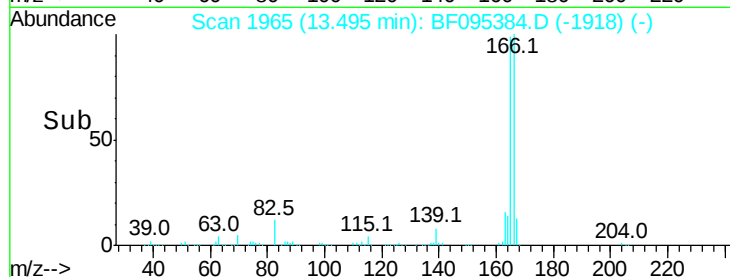
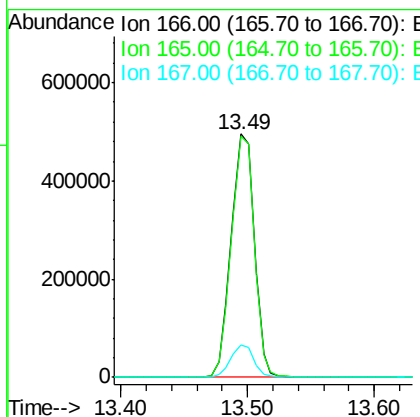
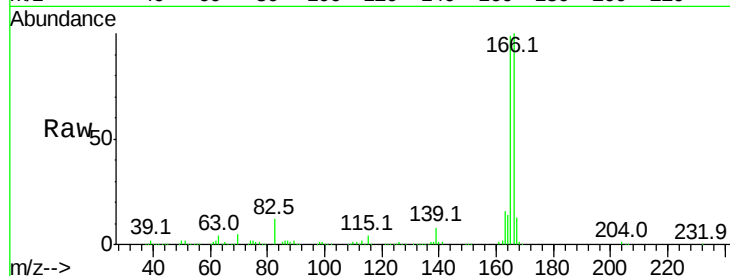




#57
 Fluorene
 Concen: 43.46 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

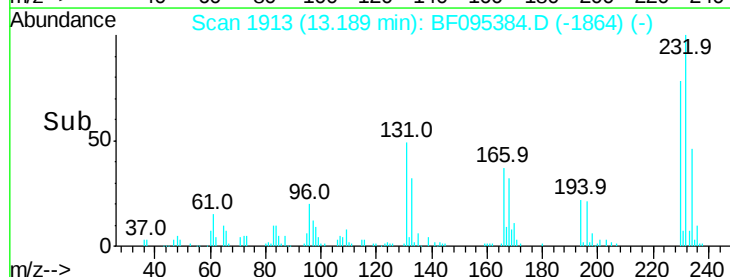
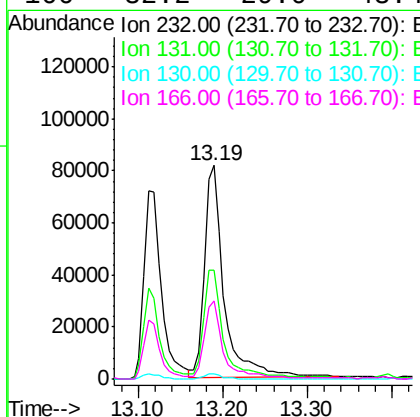
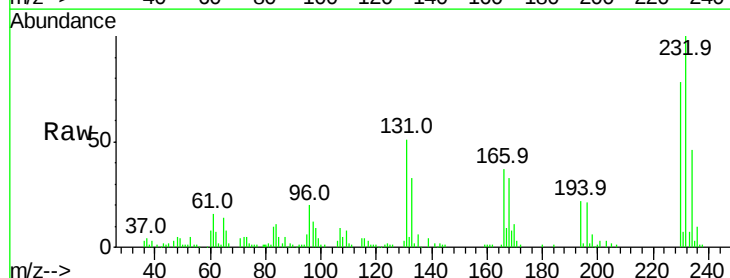
Instrument :
 BNA_F
 ClientSampleId :

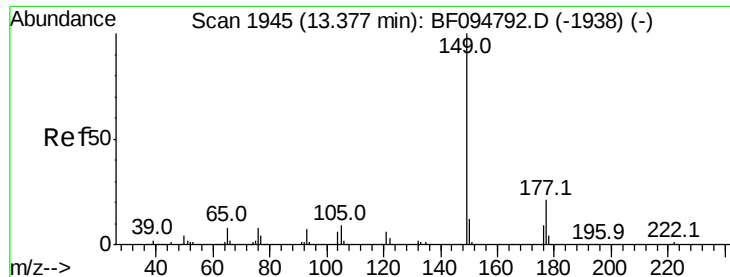
Tot Ion:166 Resp: 627232
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.71 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:232 Resp: 132815
 Ion Ratio Lower Upper
 232 100
 131 51.0 44.8 67.2
 130 2.2 2.3 3.5#
 166 32.2 29.0 43.4

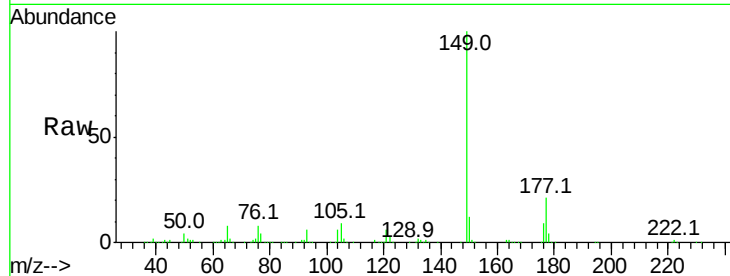




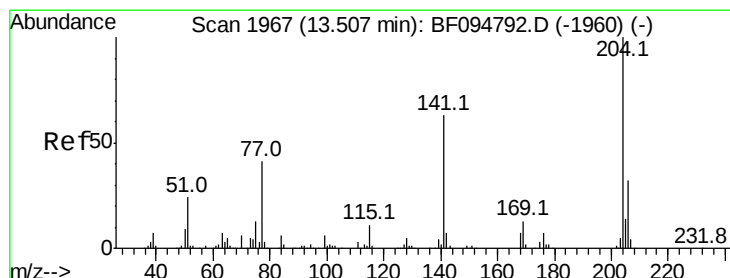
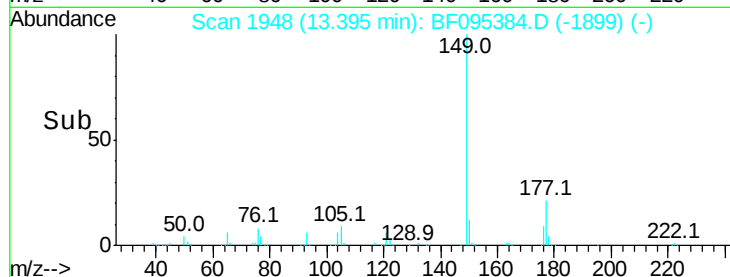
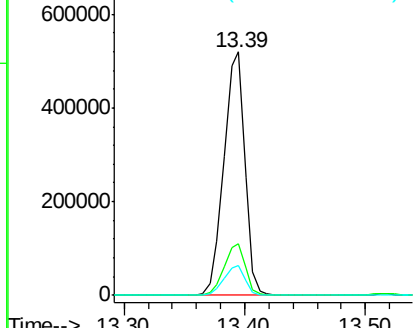
#59
Diethylphthalate
Concen: 42.09 ng
RT: 13.39 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 624547
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.2 10.2 15.2

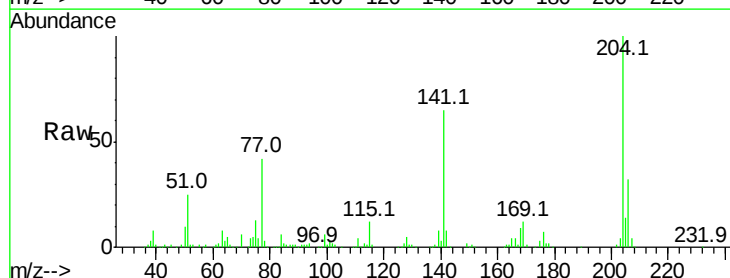


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

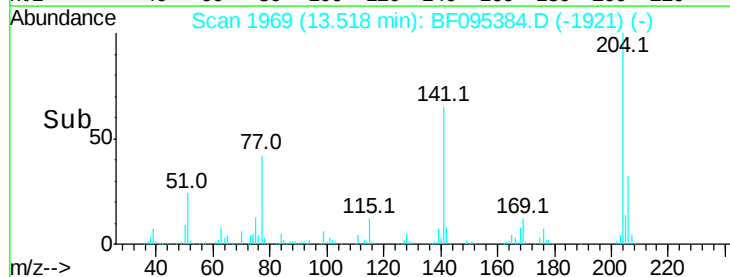
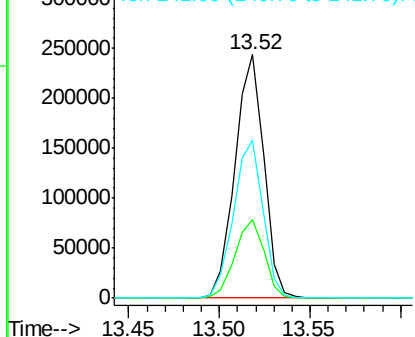


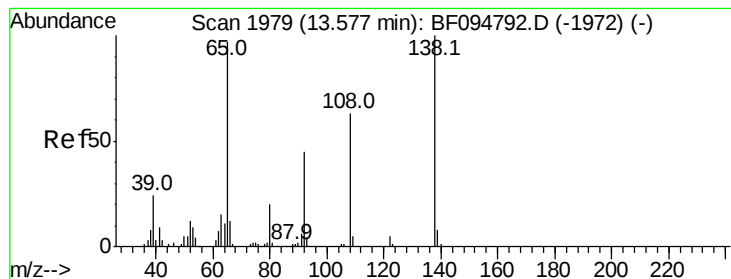
#60
4-Chlorophenyl-phenylether
Concen: 42.55 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Tgt Ion:204 Resp: 269861
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 64.6 60.8 91.2



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





#61

4-Nitroaniline

Concen: 40.52 ng

RT: 13.62 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

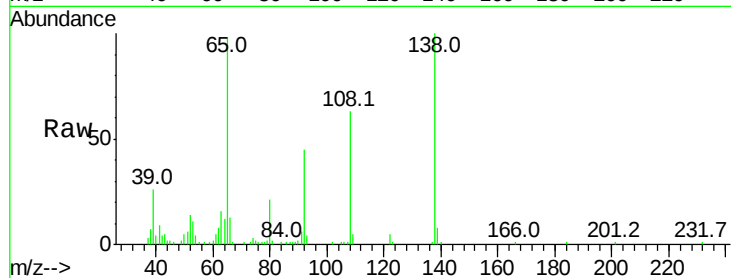
Tot Ion:138 Resp: 126115

Ion	Ratio	Lower	Upper
138	100		
92	45.1	21.8	61.8
108	62.8	42.3	82.3

138 100

92 45.1 21.8 61.8

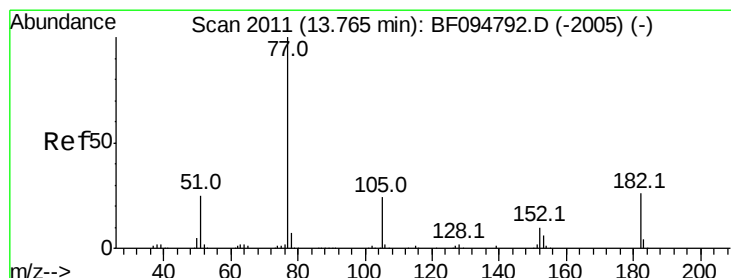
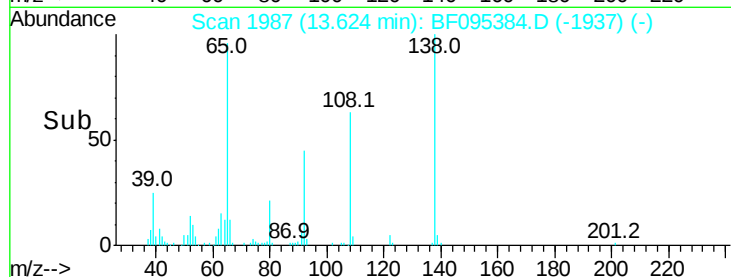
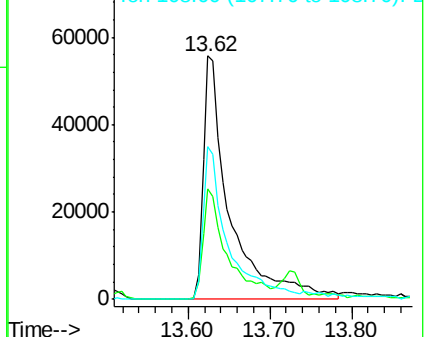
108 62.8 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.45 ng

RT: 13.78 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Tgt Ion: 77 Resp: 589666

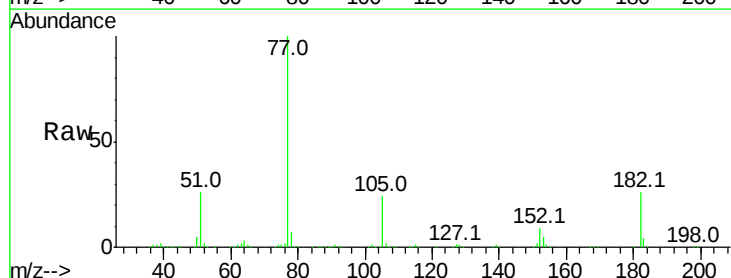
Ion	Ratio	Lower	Upper
77	100		
182	25.9	0.1	40.1
105	24.1	3.6	43.6
51	25.7	9.4	49.4

77 100

182 25.9 0.1 40.1

105 24.1 3.6 43.6

51 25.7 9.4 49.4

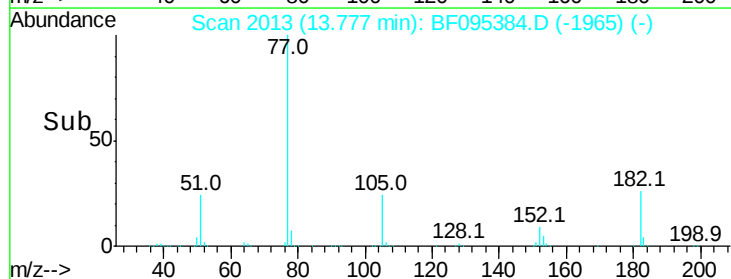
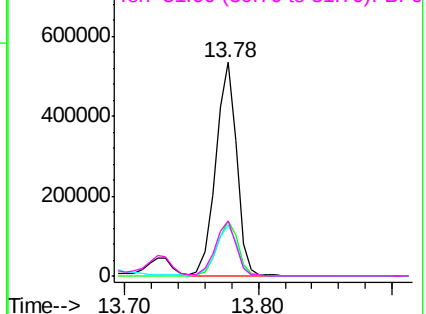


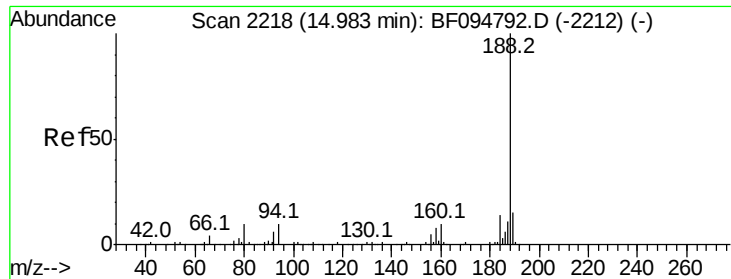
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

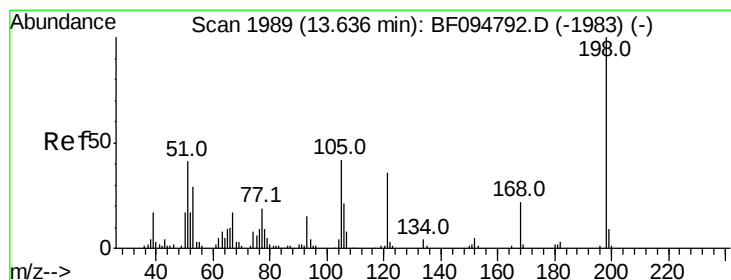
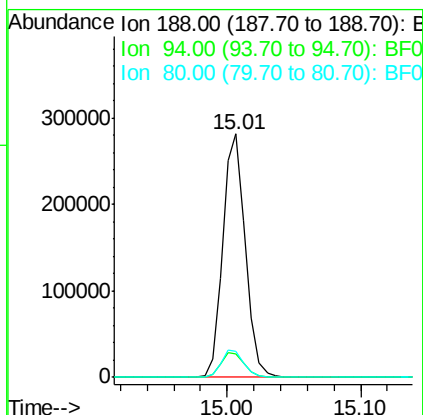
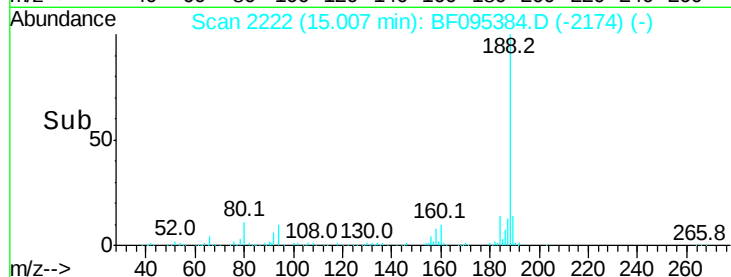
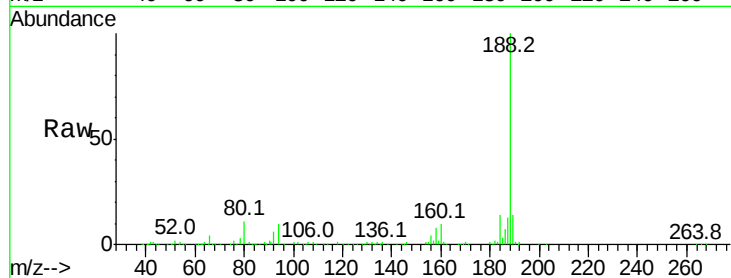




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

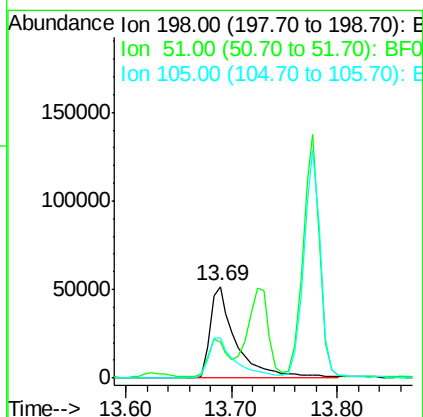
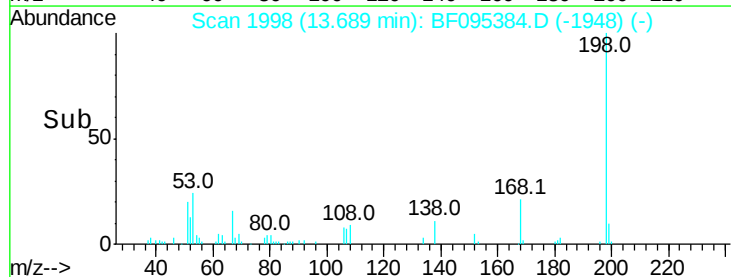
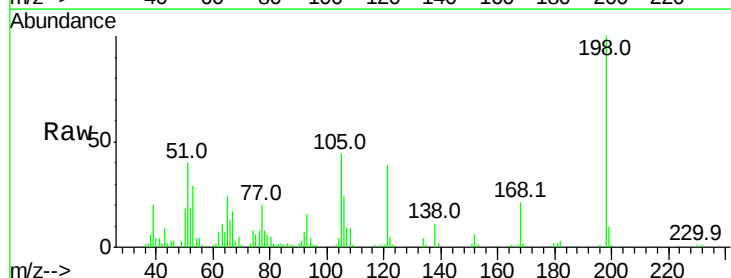
Instrument :
BNA_F
ClientSampleId :

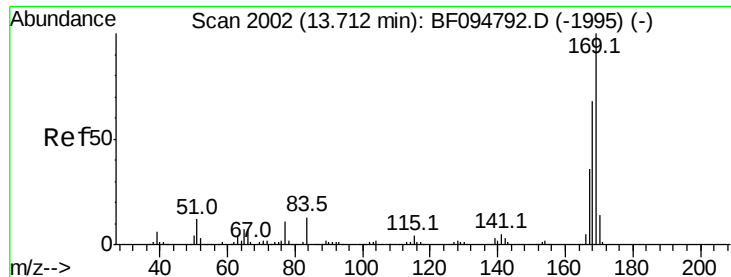
Tot Ion:188 Resp: 335003
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 39.88 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Tgt Ion:198 Resp: 89551
Ion Ratio Lower Upper
198 100
51 40.1 53.2 93.2#
105 43.6 45.8 85.8#

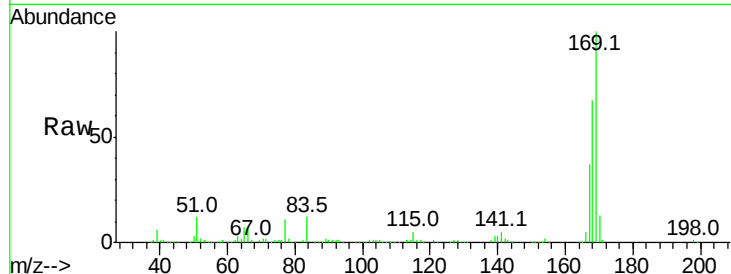




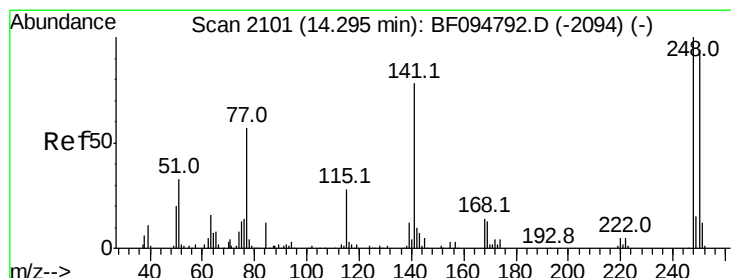
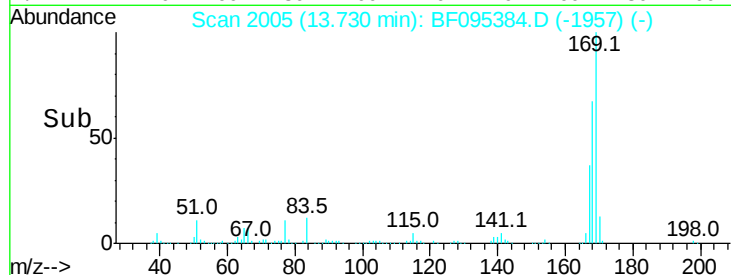
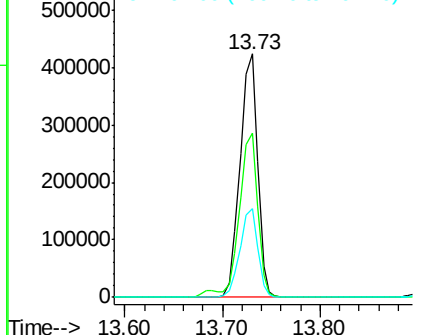
#65
n-Nitrosodiphenylamine
Concen: 44.05 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 535534
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 36.6 29.5 44.3

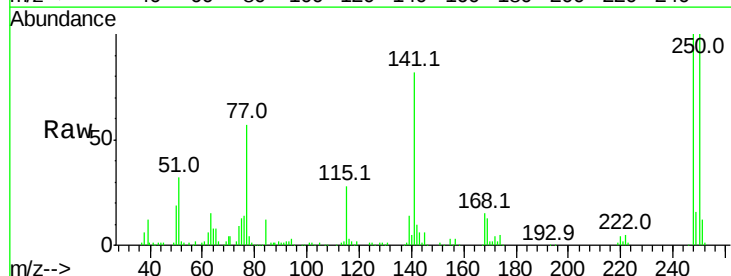


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

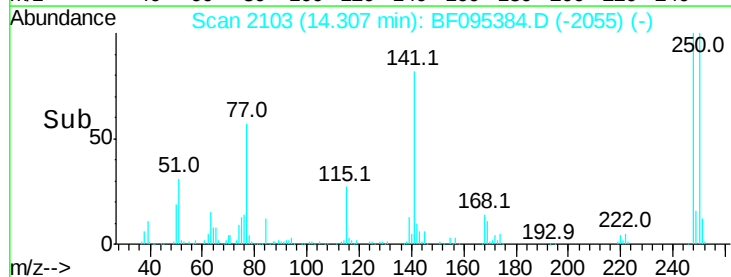
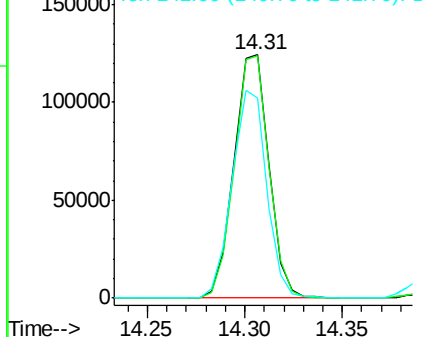


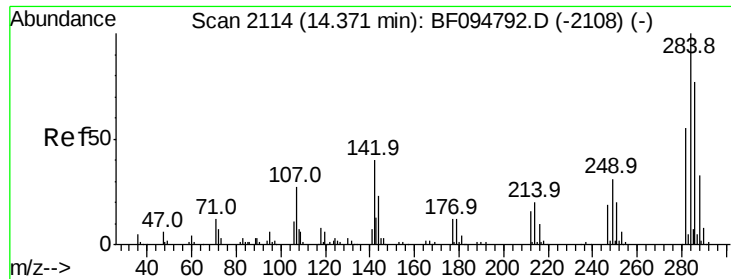
#66
4-Bromophenyl-phenylether
Concen: 43.49 ng
RT: 14.31 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Tgt Ion:248 Resp: 153936
Ion Ratio Lower Upper
248 100
250 99.7 76.8 115.2
141 82.3 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

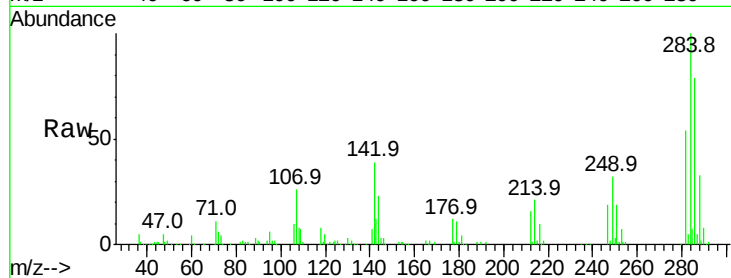




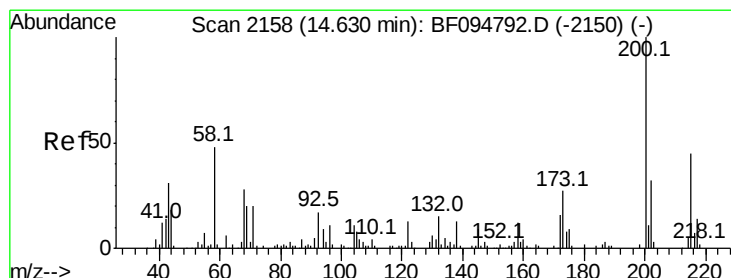
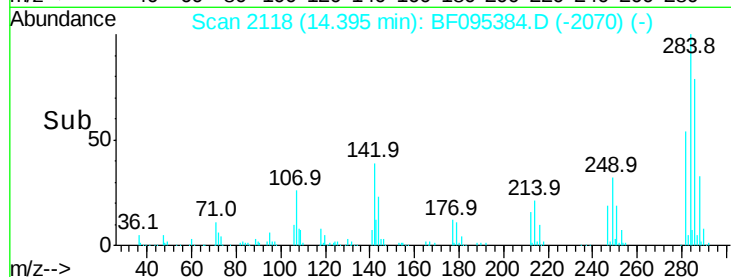
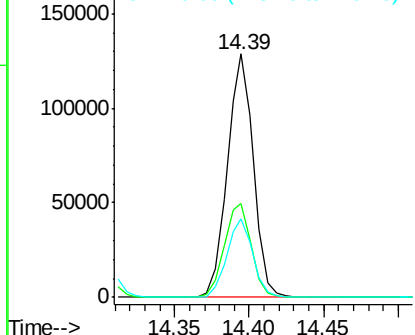
#67
Hexachlorobenzene
Concen: 43.41 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 157459
Ion Ratio Lower Upper
284 100
142 38.6 22.8 34.2#
249 32.1 24.0 36.0

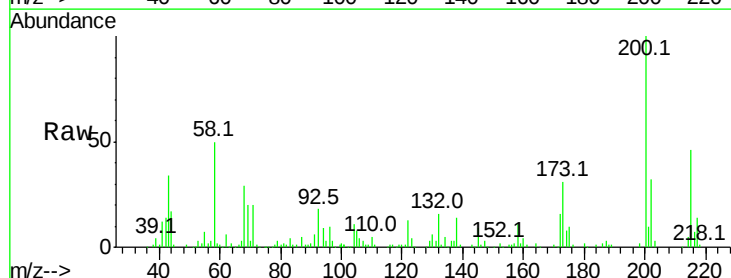


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

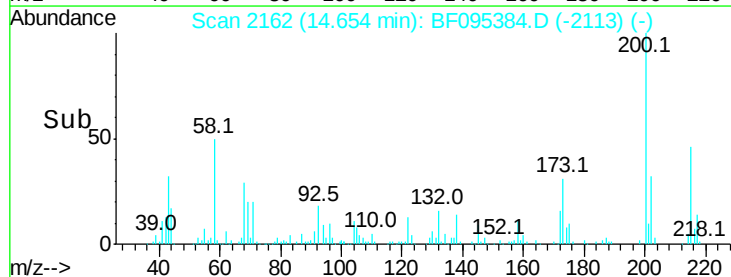
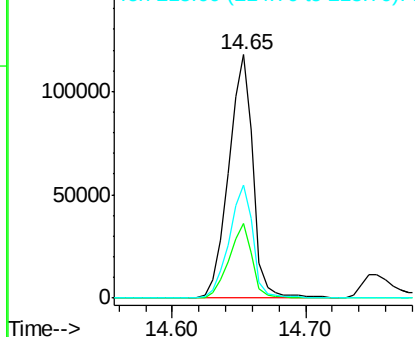


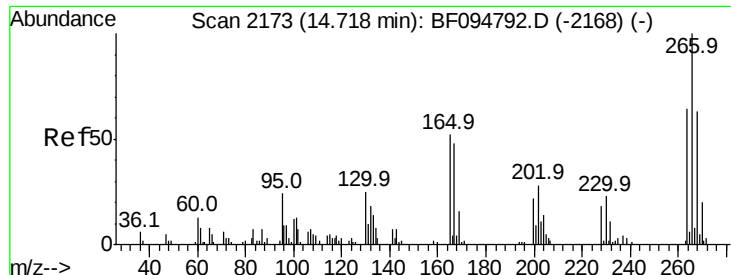
#68
Atrazine
Concen: 43.95 ng
RT: 14.65 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Tgt Ion:200 Resp: 150871
Ion Ratio Lower Upper
200 100
173 30.5 6.3 46.3
215 46.4 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

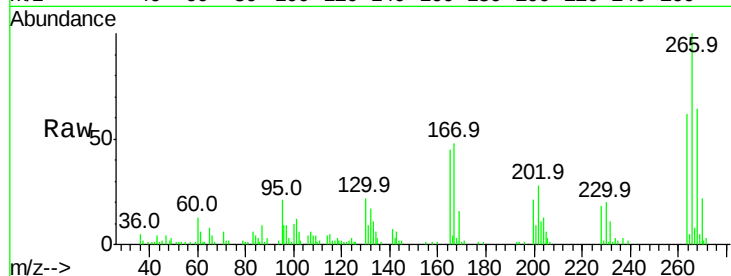




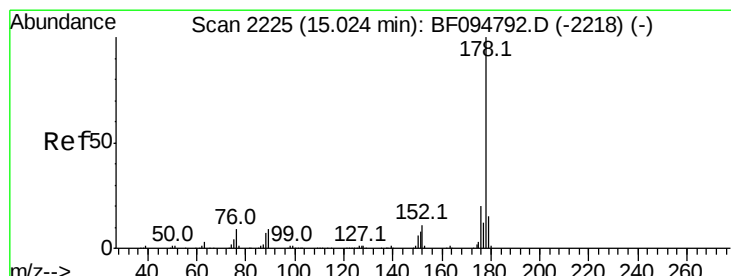
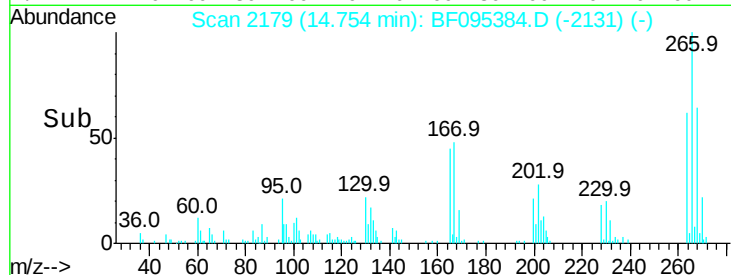
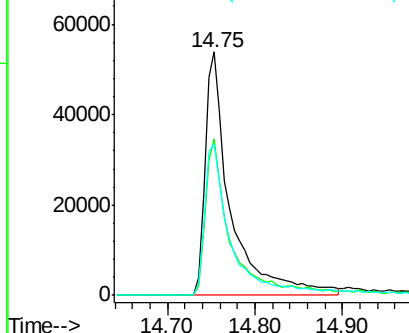
#69
 Pentachlorophenol
 Concen: 67.41 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 108924
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 62.3 51.7 77.5

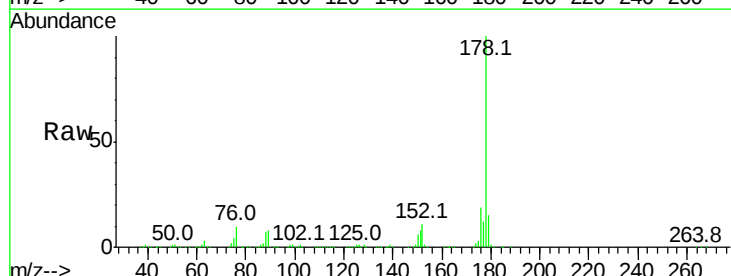


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

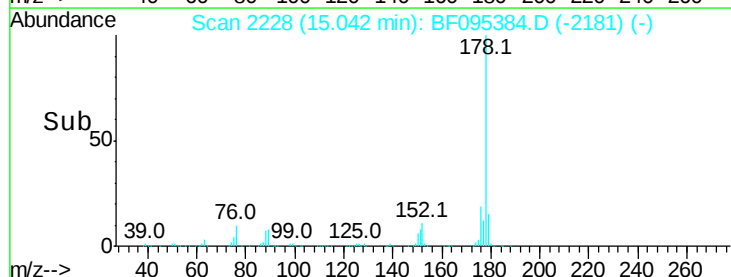
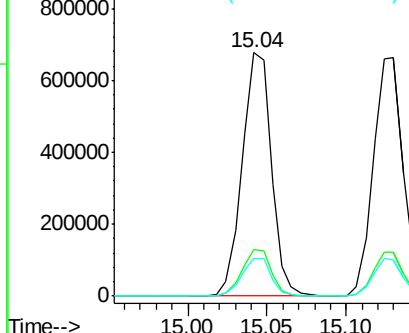


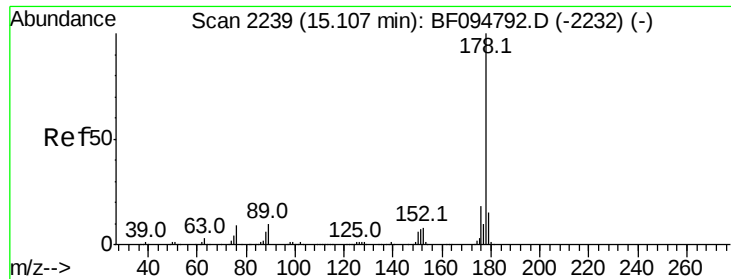
#70
 Phenanthrene
 Concen: 45.09 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:178 Resp: 867983
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.3 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

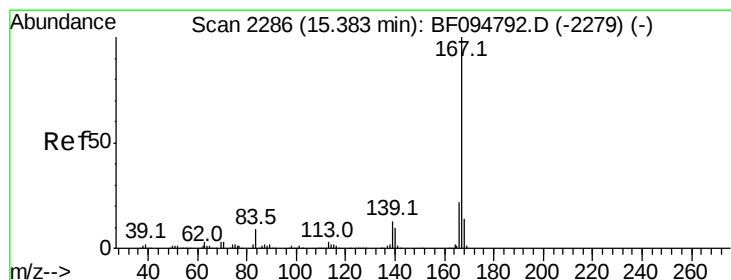
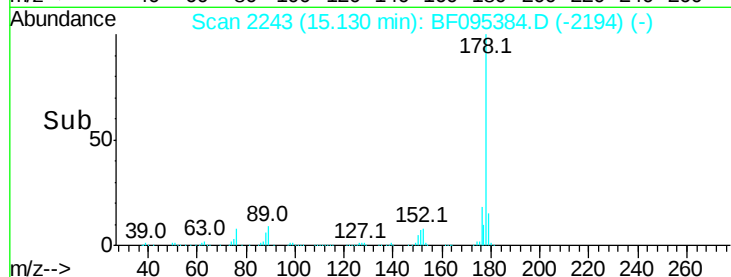
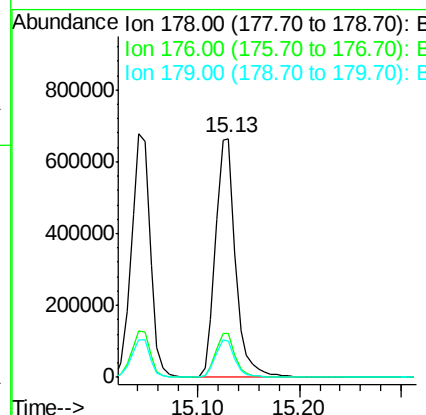
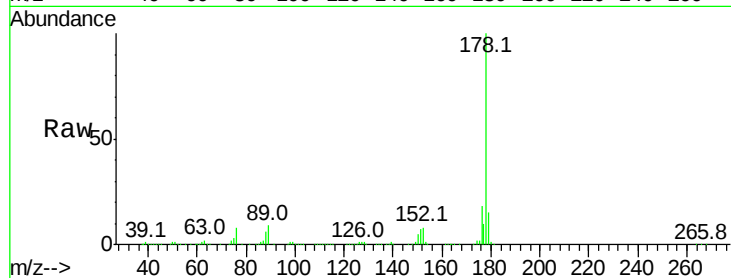




#71
 Anthracene
 Concen: 46.42 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

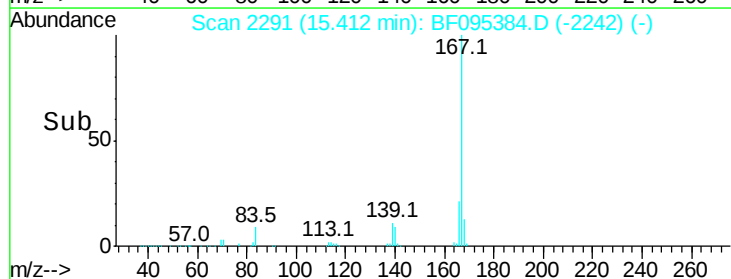
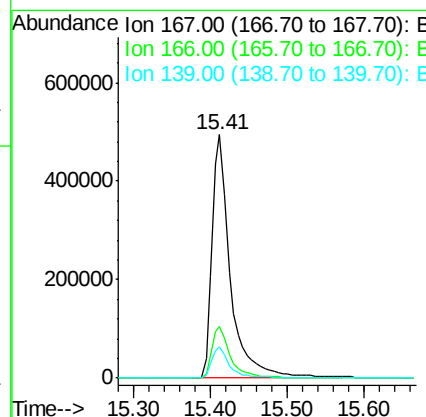
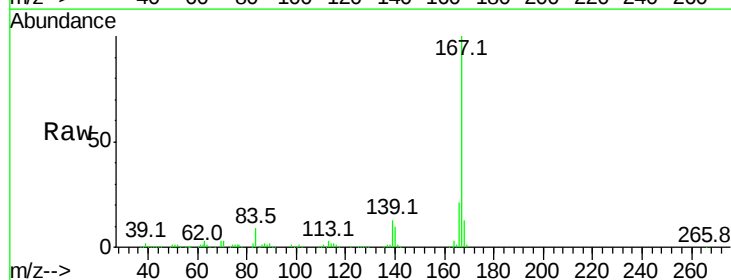
Instrument :
 BNA_F
 ClientSampleId :

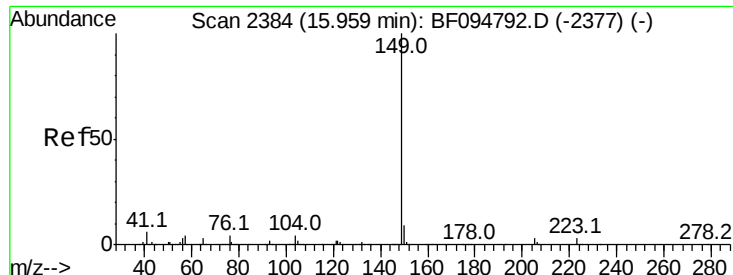
Tot Ion:178 Resp: 912601
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 45.45 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:167 Resp: 813077
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 12.6 11.7 17.5

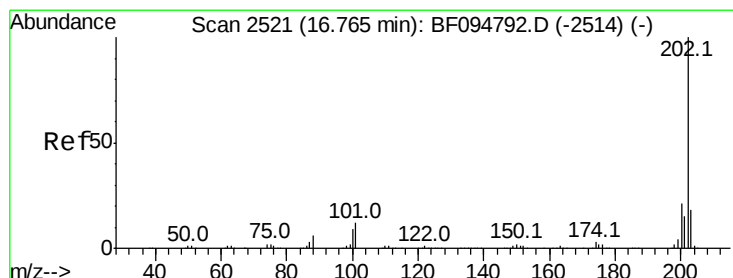
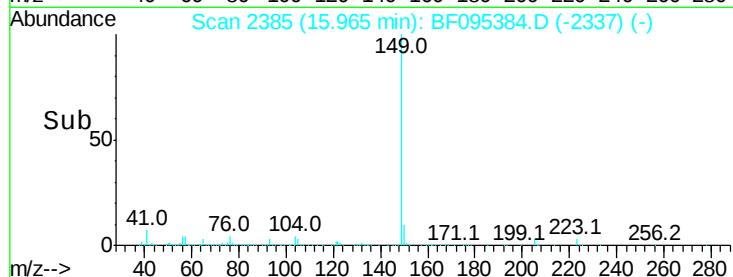
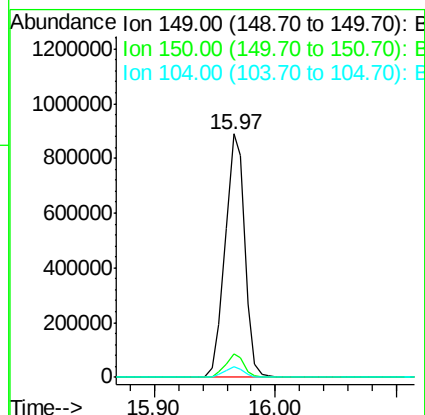
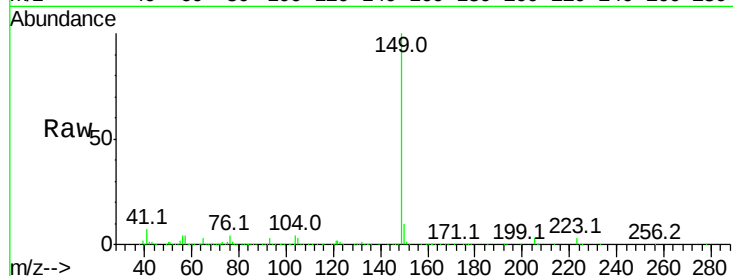




#73
Di-n-butylphthalate
Concen: 44.60 ng
RT: 15.97 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

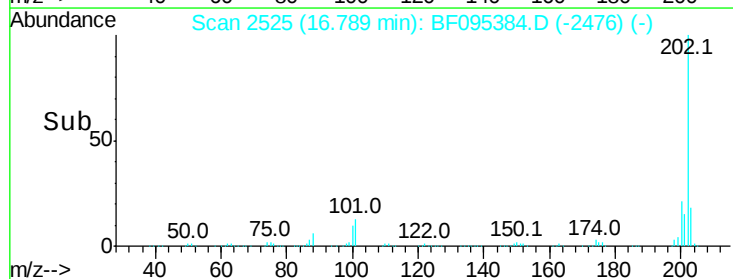
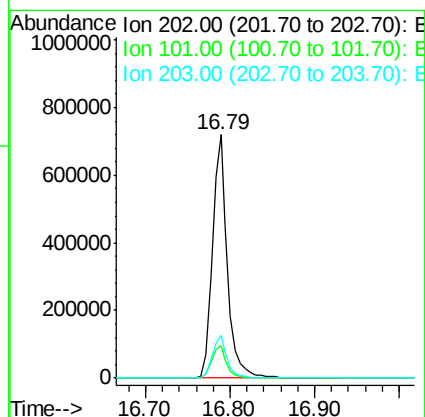
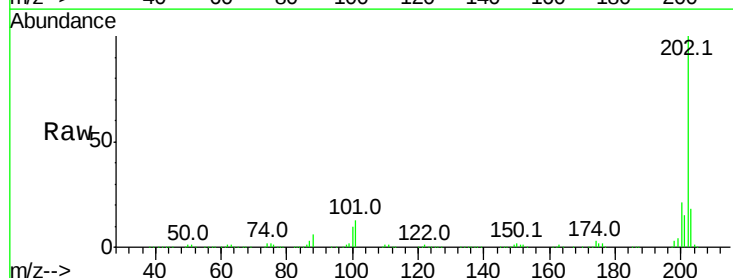
Instrument :
BNA_F
ClientSampled :

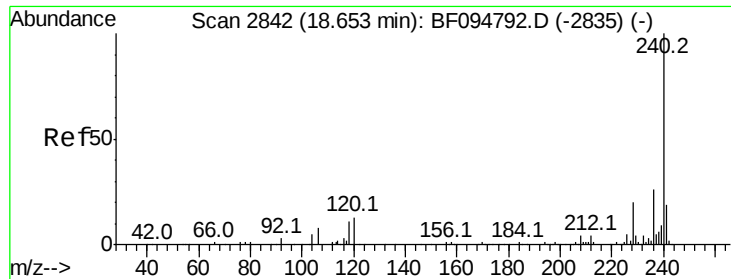
Tot Ion:149 Resp: 994944
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 45.37 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Tgt Ion:202 Resp: 895900
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.7 0.0 38.1

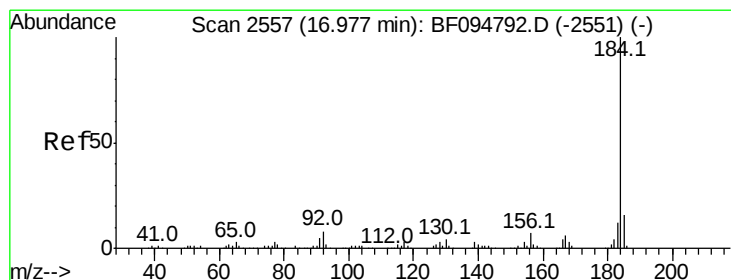
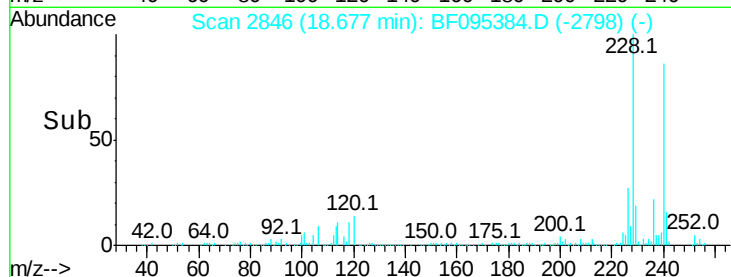
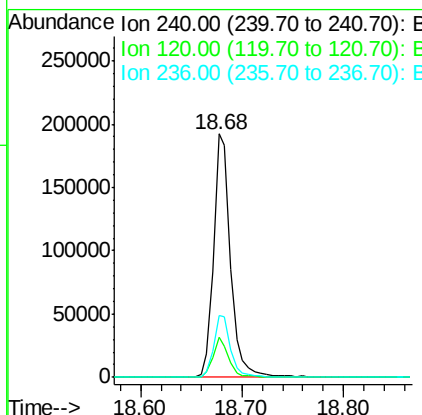
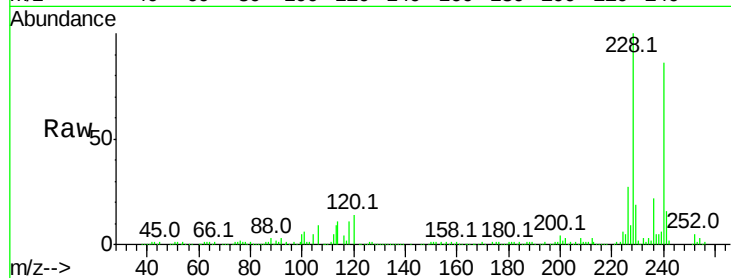




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

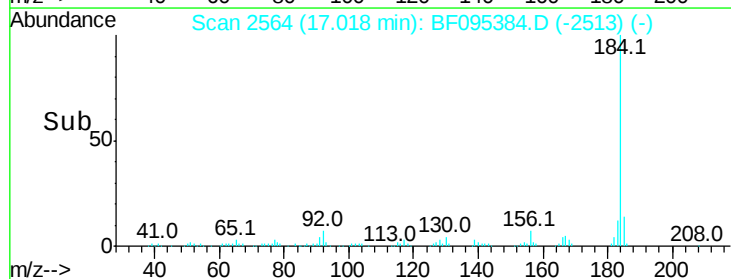
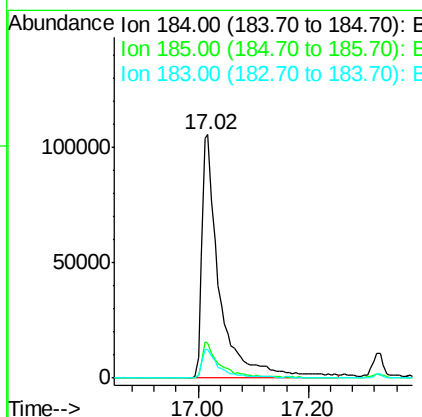
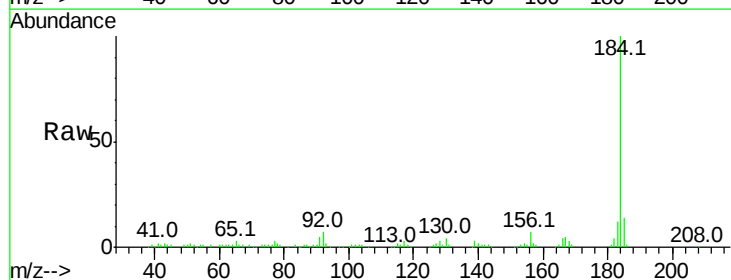
Instrument :
 BNA_F
 ClientSampleId :

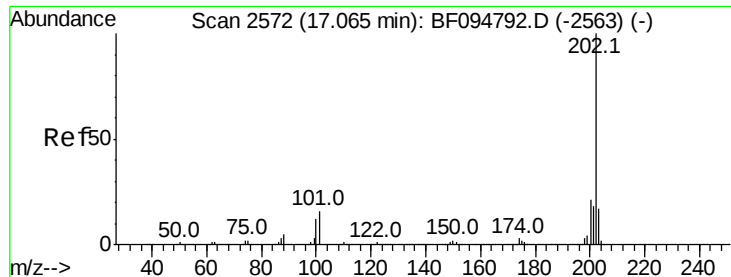
Tot Ion:240 Resp: 224808
 Ion Ratio Lower Upper
 240 100
 120 16.4 5.8 8.8#
 236 25.2 20.5 30.7



#76
 Benzidine
 Concen: 39.75 ng
 RT: 17.02 min Scan# 2564
 Delta R.T. 0.00 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:184 Resp: 233706
 Ion Ratio Lower Upper
 184 100
 185 14.5 15.5 23.3#
 183 11.8 9.8 14.6





#77

Pvrene

Concen: 52.97 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

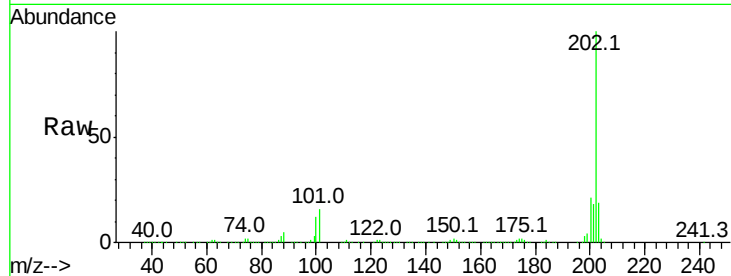
Tot Ion:202 Resp: 890578

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

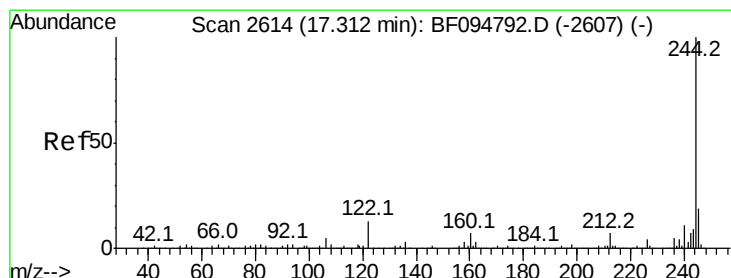
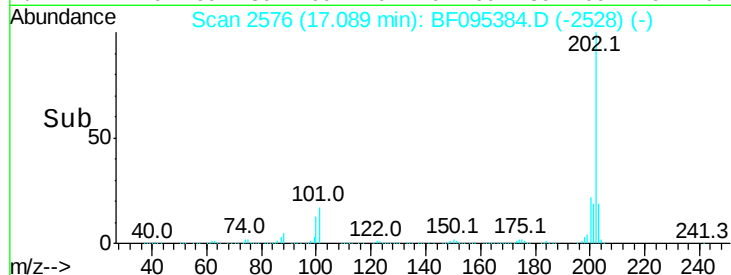
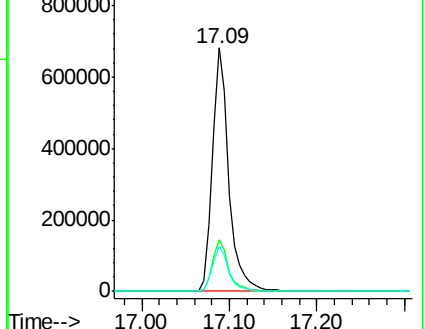
203 18.7 14.4 21.6



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: 96.28 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

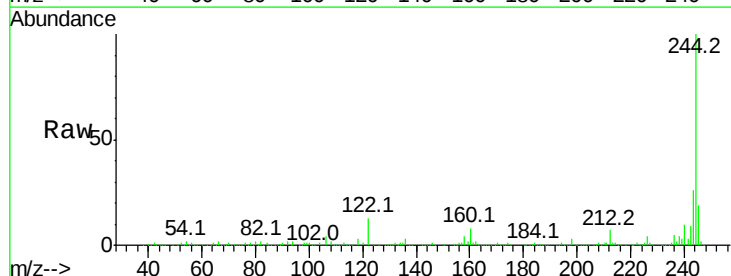
Tgt Ion:244 Resp: 982681

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

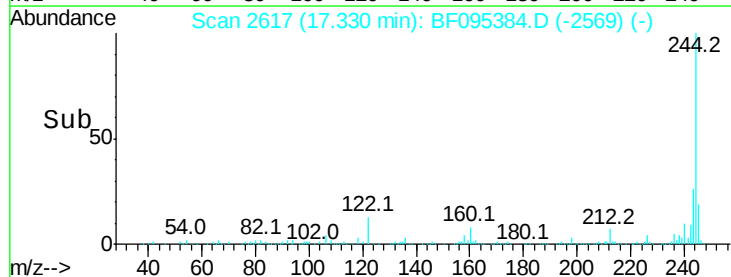
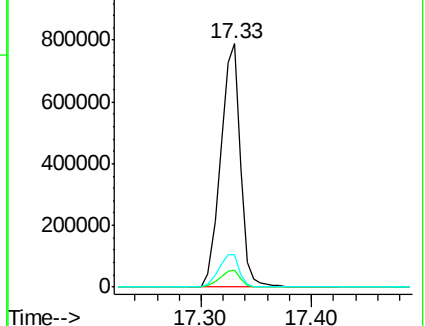
122 13.3 10.3 15.5

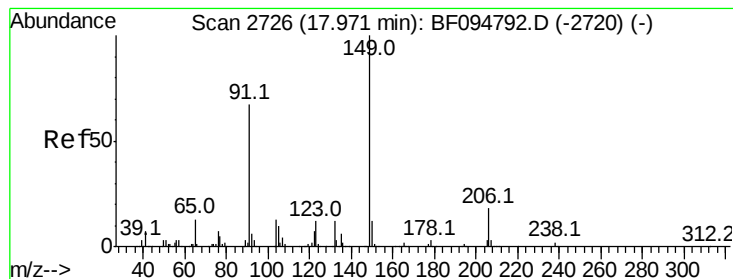


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.43 ng

RT: 17.98 min Scan# 2728

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampled :

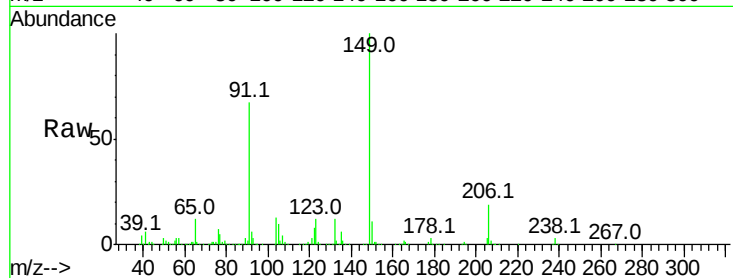
Tot Ion:149 Resp: 378761

Ion Ratio Lower Upper

149 100

91 67.1 45.0 67.4

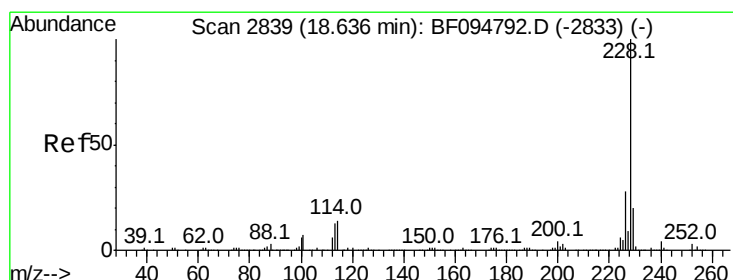
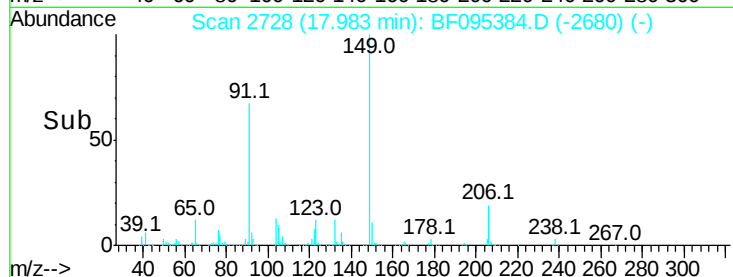
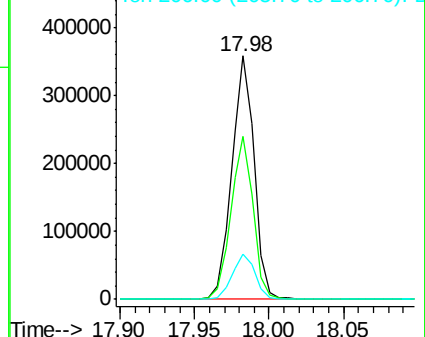
206 18.7 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.18 ng

RT: 18.67 min Scan# 2844

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

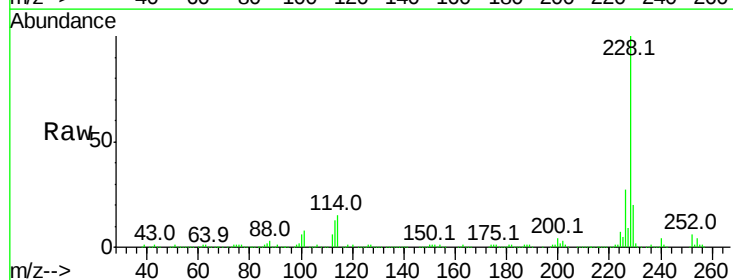
Tgt Ion:228 Resp: 591115

Ion Ratio Lower Upper

228 100

226 26.5 22.6 33.8

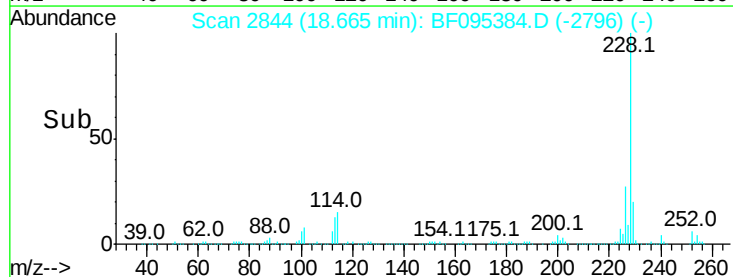
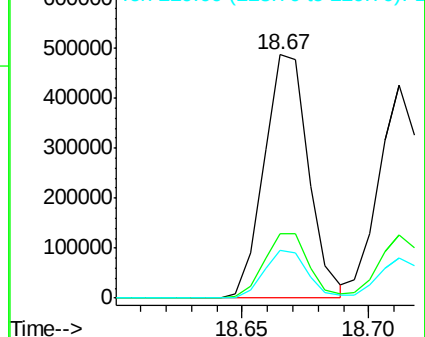
229 19.9 16.3 24.5

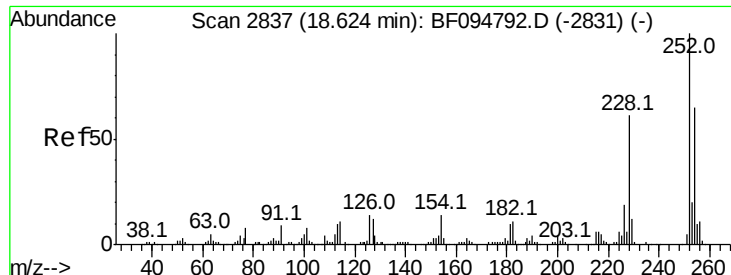


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

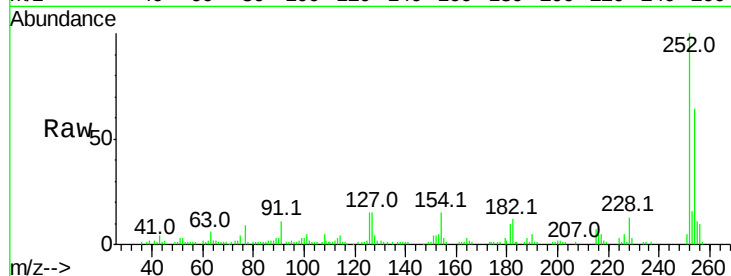




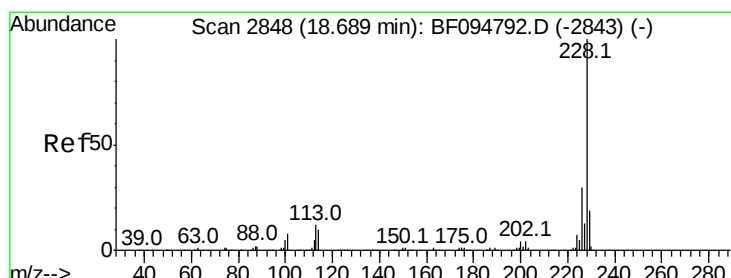
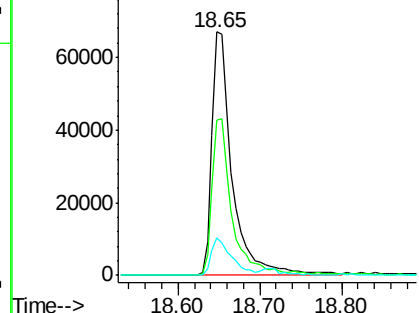
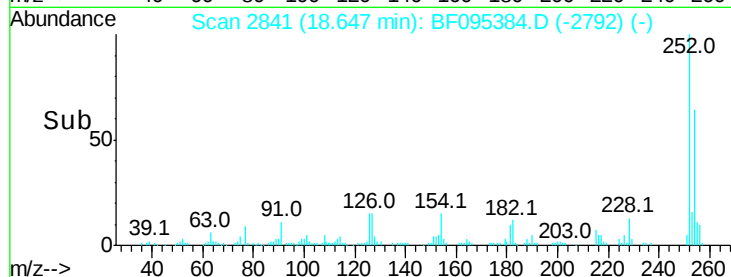
#81
 3,3'-Dichlorobenzidine
 Concen: 25.69 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 116078
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.5 77.3
 126 15.3 15.8 23.8#

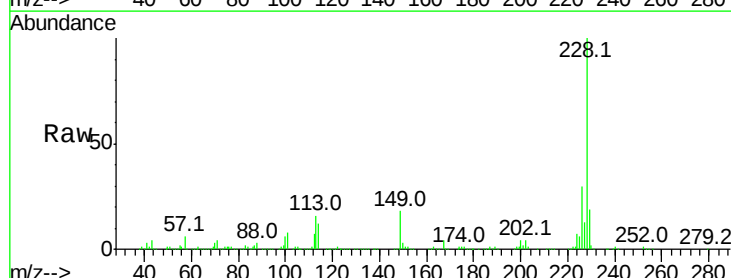


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

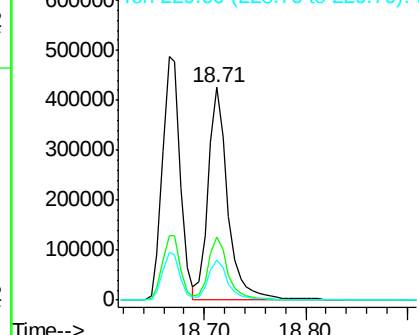
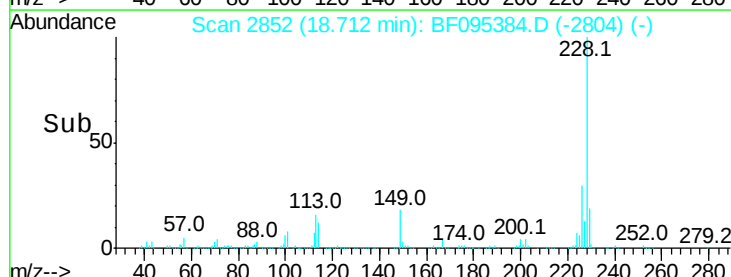


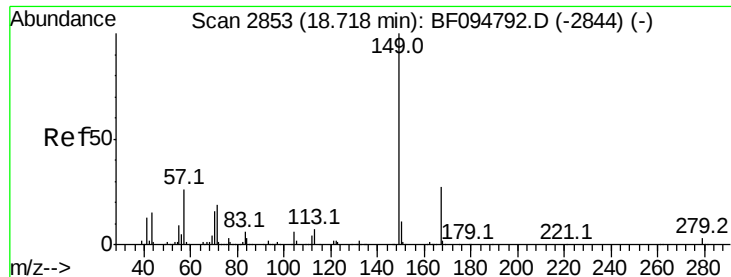
#82
 Chrysene
 Concen: 45.14 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:228 Resp: 571112
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.9 37.3
 229 18.9 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

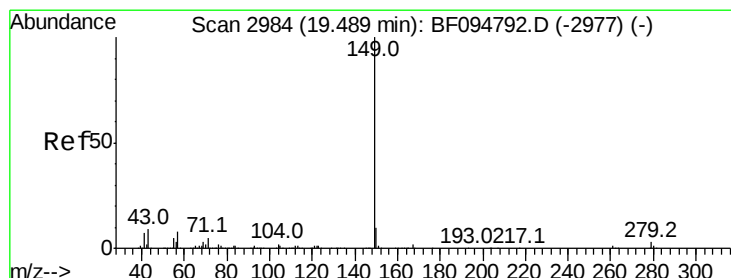
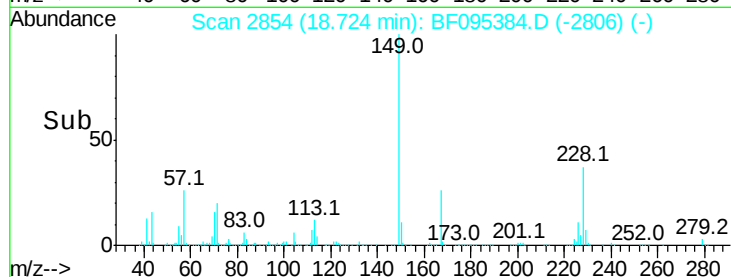
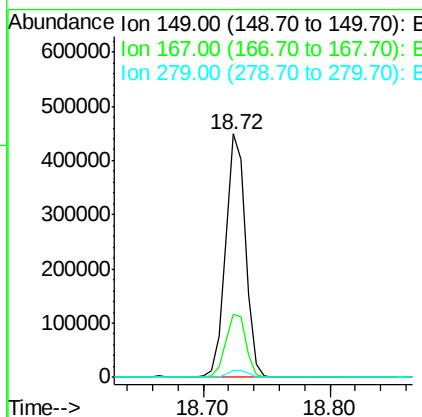
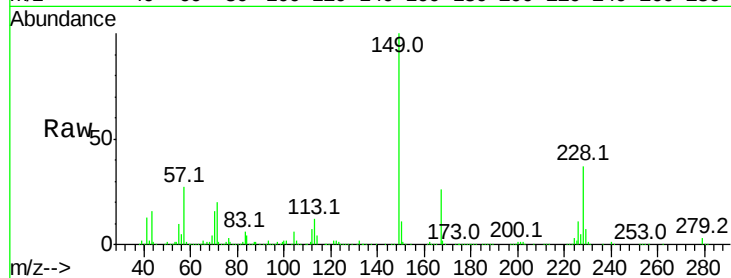




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.52 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

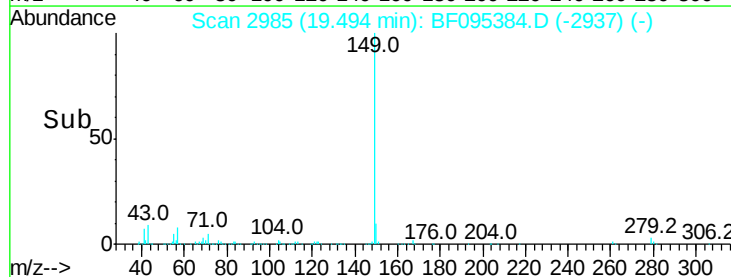
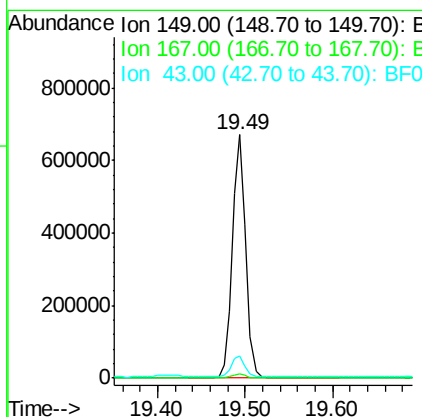
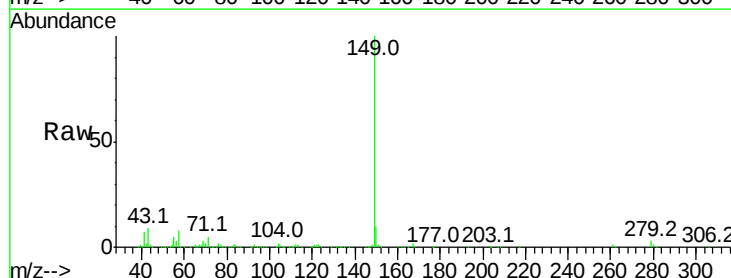
Instrument :
 BNA_F
 ClientSampleId :

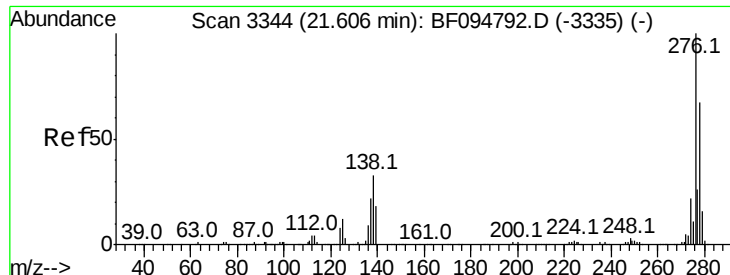
Tot Ion:149 Resp: 484960
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 38.33 ng
 RT: 19.49 min Scan# 2985
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion:149 Resp: 700277
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.7 8.5 12.7

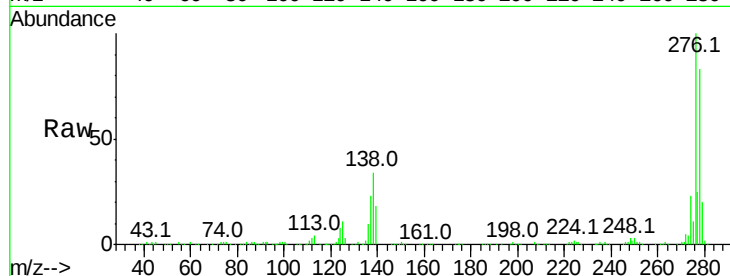




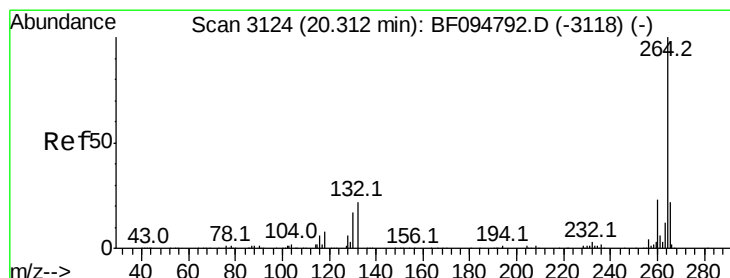
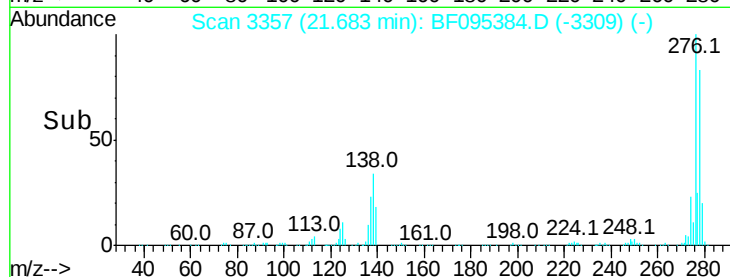
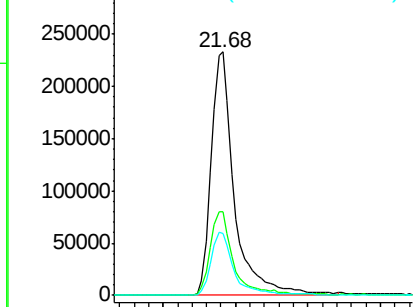
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.58 ng
 RT: 21.68 min Scan# 3357
 Delta R.T. -0.02 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	26.0	20.2	30.4

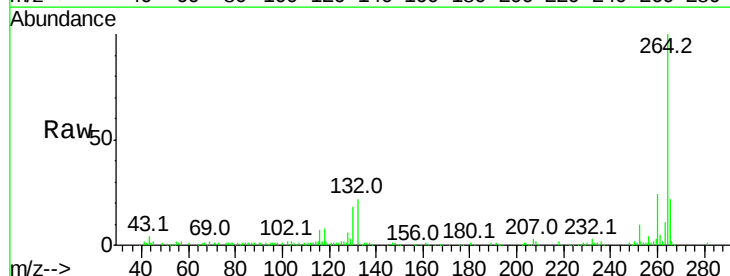


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

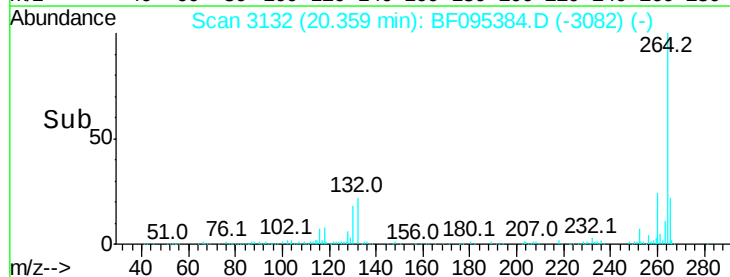
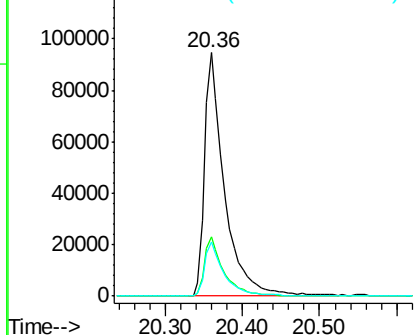


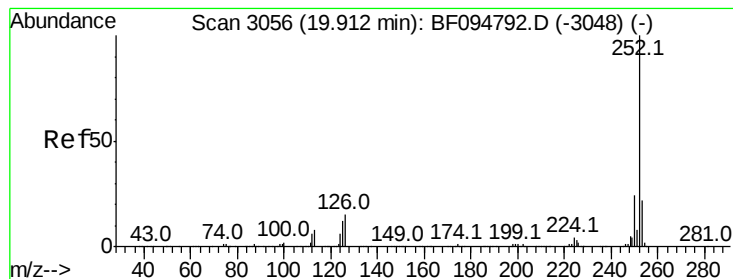
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095384.D
 Acq: 24 May 2017 12:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.5	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 40.70 ng

RT: 19.94 min Scan# 3061

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :

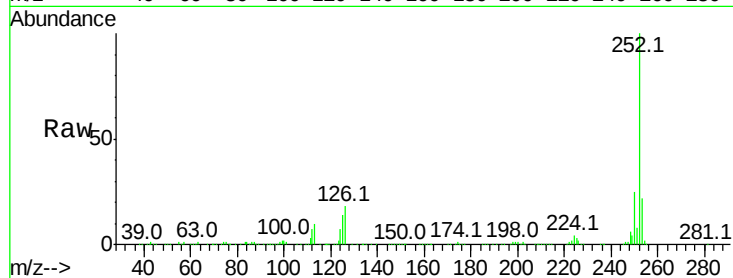
Tot Ion:252 Resp: 425987

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

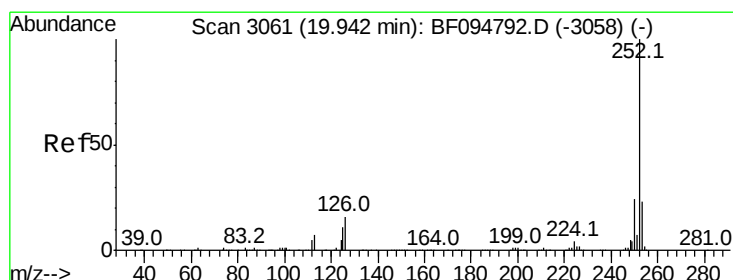
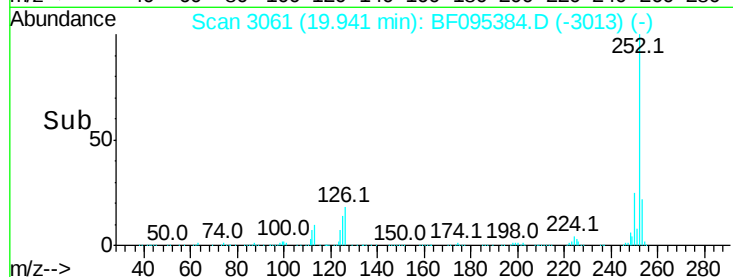
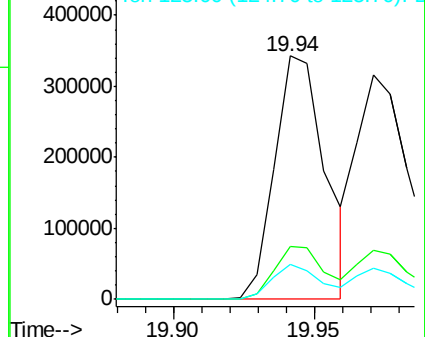
125 14.2 9.8 14.8



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: 46.98 ng

RT: 19.97 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BF095384.D

Acq: 24 May 2017 12:32

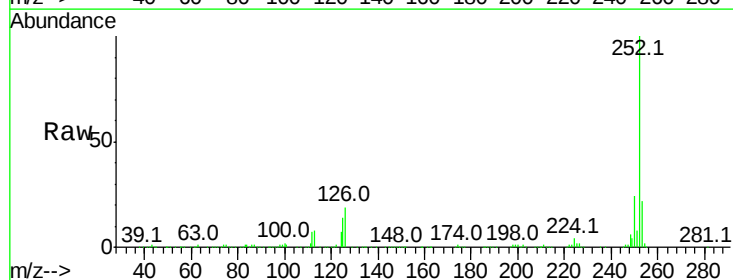
Tgt Ion:252 Resp: 474259

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

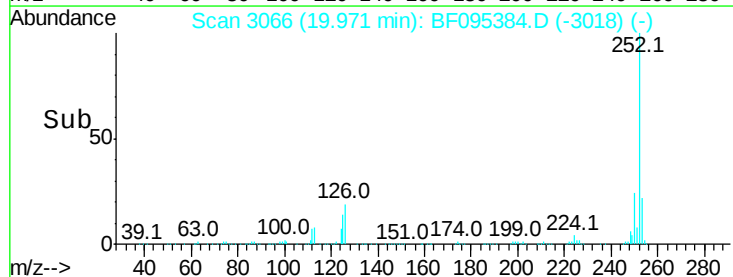
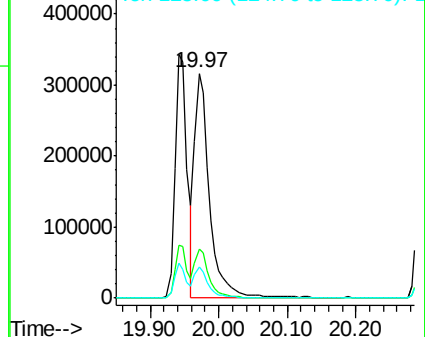
125 13.6 13.1 19.7

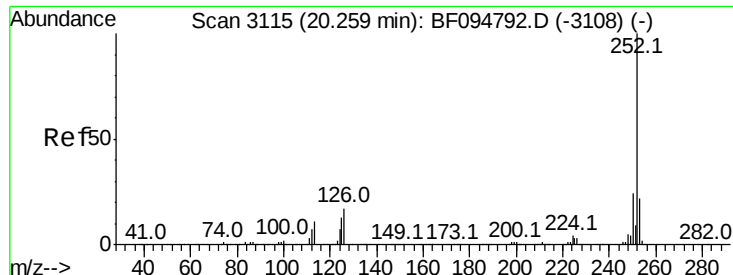


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

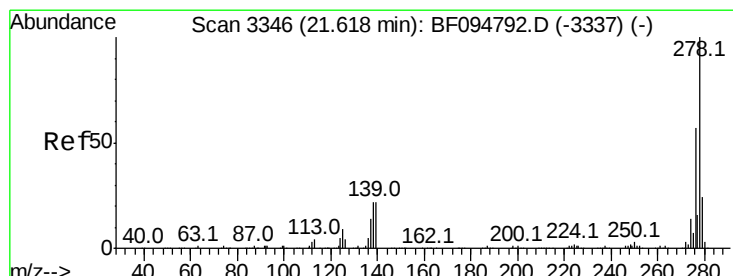
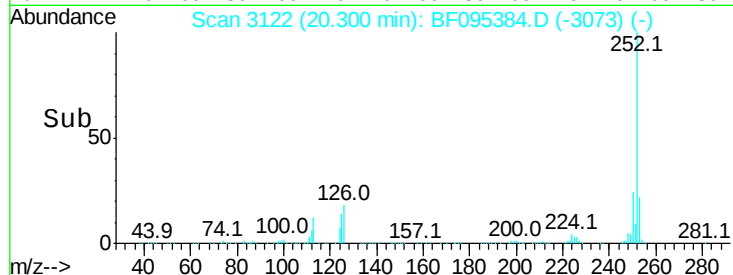
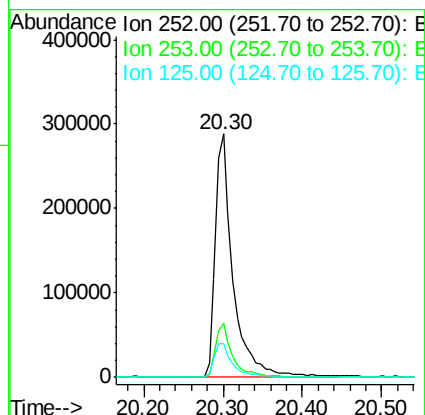
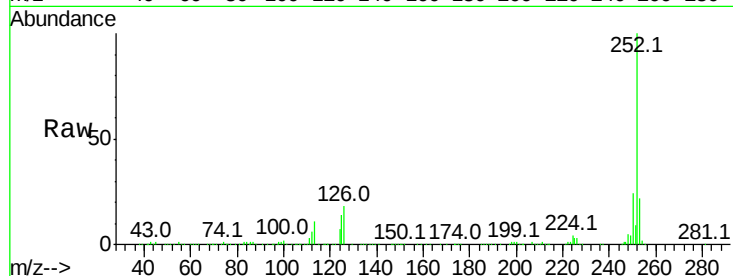




#89
Benzo(a)pyrene
Concen: 45.75 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

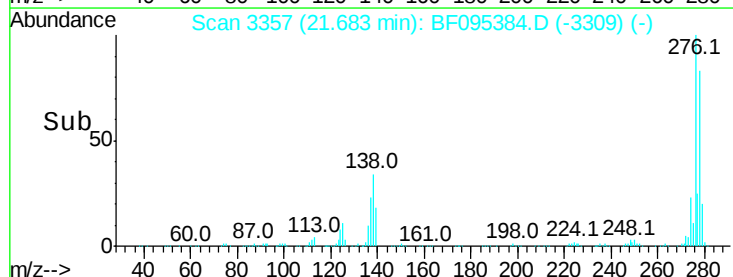
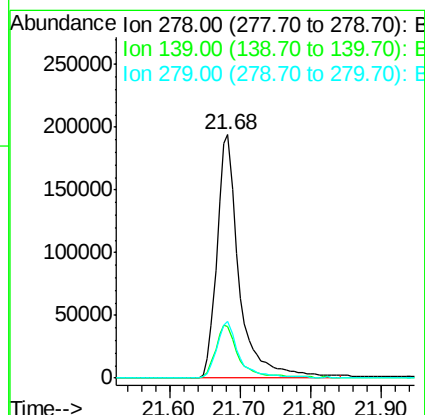
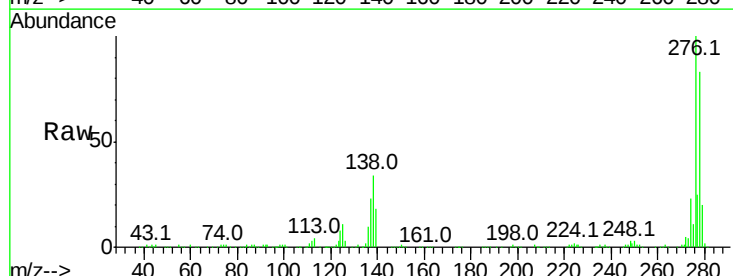
Instrument :
BNA_F
ClientSampleId :

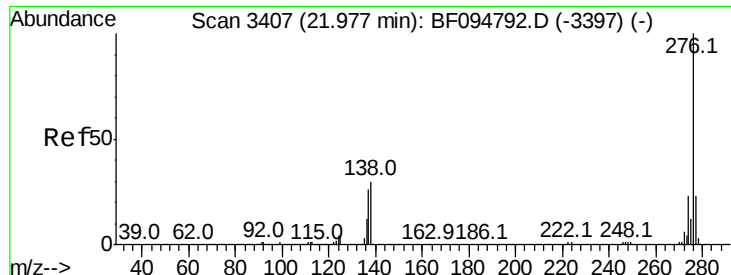
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	13.9	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 53.58 ng
RT: 21.68 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BF095384.D
Acq: 24 May 2017 12:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	16.6	24.8
279	23.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 58.37 ng

RT: 22.06 min Scan# 3422

Delta R.T. -0.02 min

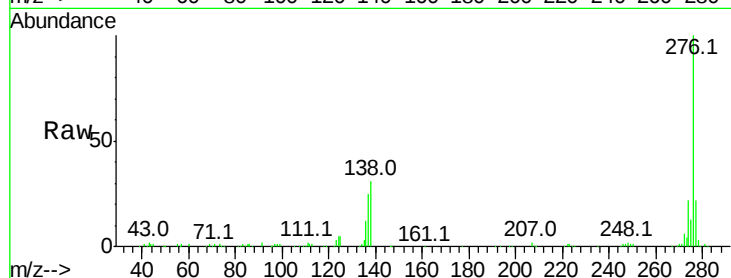
Lab File: BF095384.D

Acq: 24 May 2017 12:32

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	456853
Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.6	28.0
138	30.8	25.4	38.0

