

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094981.D
 Acq On : 8 May 2017 15:28
 Operator : SJ/MA
 Sample : SSTDC0040EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 16:08:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	99066	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	411595	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	169734	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	317959	20.00	ng	-0.02
75) Chrysene-d12	18.65	240	304399	20.00	ng	0.00
86) Perylene-d12	20.31	264	216585	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	498847	83.95	ng	-0.03
7) Phenol-d6	7.25	99	598915	84.01	ng	-0.02
23) Nitrobenzene-d5	8.62	82	510965	78.28	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	129497	93.16	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1017981	86.32	ng	-0.02
78) Terphenyl-d14	17.30	244	1032216	74.69	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	120706	41.42	ng	93
3) Pyridine	2.73	79	278839	41.28	ng	100
4) n-Nitrosodimethylamine	2.67	42	114008	40.50	ng	79
6) Aniline	7.21	93	378170	42.02	ng	96
8) 2-Chlorophenol	7.40	128	287707	42.54	ng	96
9) Benzaldehyde	7.02	77	175586	40.33	ng	99
10) Phenol	7.27	94	304361	40.51	ng	88
11) bis(2-Chloroethyl)ether	7.35	93	254904	41.10	ng	97
12) 1,3-Dichlorobenzene	7.62	146	314067	40.94	ng	99
13) 1,4-Dichlorobenzene	7.74	146	314487	40.42	ng	97
14) 1,2-Dichlorobenzene	7.98	146	310223	42.72	ng	95
15) Benzyl Alcohol	8.00	79	210924	46.00	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	357486	40.72	ng	98
17) 2-Methylphenol	8.21	107	235105	42.48	ng	# 92
18) Hexachloroethane	8.50	117	103699	39.35	ng	89
19) n-Nitroso-di-n-propylamine	8.42	70	203035	42.11	ng	95
20) 3+4-Methylphenols	8.47	107	298309	39.66	ng	# 60
22) Acetophenone	8.39	105	408976	41.41	ng	# 84
24) Nitrobenzene	8.65	77	263014	38.44	ng	90
25) Isophorone	9.05	82	479155	41.11	ng	95
26) 2-Nitrophenol	9.15	139	149588	40.52	ng	97
27) 2,4-Dimethylphenol	9.29	122	244345	40.94	ng	99
28) bis(2-Chloroethoxy)methane	9.41	93	331005	41.05	ng	99
29) 2,4-Dichlorophenol	9.57	162	225371	39.99	ng	98
30) 1,2,4-Trichlorobenzene	9.66	180	247239	40.95	ng	99
31) Naphthalene	9.77	128	839031	40.56	ng	100
32) Benzoic acid	9.61	122	150586	39.44	ng	91
33) 4-Chloroaniline	9.90	127	342784	44.46	ng	# 93
34) Hexachlorobutadiene	9.99	225	119523	37.52	ng	98
35) Caprolactam	10.64	113	12276	7.25	ng	99
36) 4-Chloro-3-methylphenol	10.75	107	248712	41.28	ng	89
37) 2-Methylnaphthalene	10.90	142	551280	40.60	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	224288	42.97	ng	99
40) Hexachlorocyclopentadiene	11.15	237	71688	36.25	ng	97

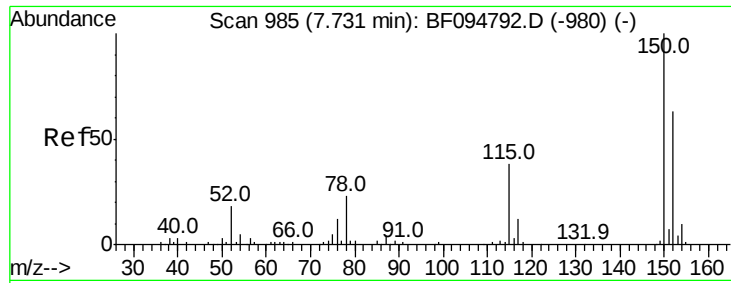
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094981.D
 Acq On : 8 May 2017 15:28
 Operator : SJ/MA
 Sample : SSTDCCC040EC
 Misc :
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	157253	45.12	nq	99
43) 2,4,5-Trichlorophenol	11.47	196	166923	44.56	nq	95
45) 1,1'-Biphenyl	11.66	154	640960	44.85	nq	98
46) 2-Chloronaphthalene	11.68	162	510446	44.24	nq	95
47) 2-Nitroaniline	11.89	65	141538	44.81	nq	# 79
48) Acenaphthylene	12.34	152	715662	39.60	nq	99
49) Dimethylphthalate	12.21	163	612740	43.97	nq	99
50) 2,6-Dinitrotoluene	12.30	165	117660	41.39	nq	94
51) Acenaphthene	12.62	154	428862	39.73	nq	99
52) 3-Nitroaniline	12.57	138	129925	42.58	nq	89
53) 2,4-Dinitrophenol	12.77	184	54029	38.06	nq	# 67
54) Dibenzofuran	12.91	168	614698	41.15	nq	98
55) 4-Nitrophenol	12.96	139	72136	39.36	nq	# 63
56) 2,4-Dinitrotoluene	12.97	165	155400	42.54	nq	# 94
57) Fluorene	13.46	166	544306	41.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	105218	44.63	nq	# 95
59) Diethylphthalate	13.36	149	551883	41.32	nq	98
60) 4-Chlorophenyl-phenylether	13.48	204	244197	42.78	nq	93
61) 4-Nitroaniline	13.57	138	128805	45.98	nq	96
62) Azobenzene	13.74	77	485683	45.26	nq	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	87569	41.08	nq	# 66
65) n-Nitrosodiphenylamine	13.69	169	482069	41.77	nq	99
66) 4-Bromophenyl-phenylether	14.27	248	140358	41.78	nq	98
67) Hexachlorobenzene	14.35	284	146094	42.44	nq	# 87
68) Atrazine	14.61	200	135323	41.53	nq	97
69) Pentachlorophenol	14.71	266	58549	40.72	nq	96
70) Phenanthrene	15.01	178	719070	39.36	nq	98
71) Anthracene	15.09	178	771098	41.32	nq	98
72) Carbazole	15.37	167	750603	44.21	nq	99
73) Di-n-butylphthalate	15.94	149	936509	44.23	nq	98
74) Fluoranthene	16.75	202	815867	43.54	nq	98
76) Benzidine	16.97	184	307520	38.82	nq	95
77) Pyrene	17.05	202	846789	37.20	nq	99
79) Butylbenzylphthalate	17.95	149	399961	37.77	nq	87
80) Benzo(a)anthracene	18.62	228	657189	37.10	nq	99
81) 3,3'-Dichlorobenzidine	18.61	252	220213	35.99	nq	# 96
82) Chrysene	18.68	228	658625	38.45	nq	100
83) Bis(2-ethylhexyl)phthalate	18.70	149	531848	35.25	nq	# 100
84) Di-n-octyl phthalate	19.47	149	952919	38.52	nq	96
85) Indeno(1,2,3-cd)pyrene	21.61	276	406454	29.22	nq	99
87) Benzo(b)fluoranthene	19.90	252	536914	40.12	nq	98
88) Benzo(k)fluoranthene	19.94	252	530660	41.11	nq	96
89) Benzo(a)pyrene	20.25	252	488263	39.54	nq	98
90) Dibenzo(a,h)anthracene	21.61	278	365965	35.88	nq	97
91) Benzo(g,h,i)perylene	21.99	276	347428	34.71	nq	97

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

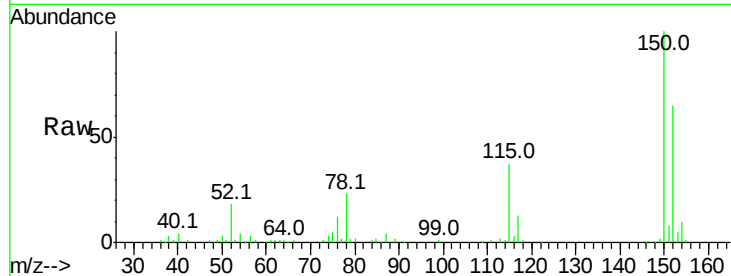


#1

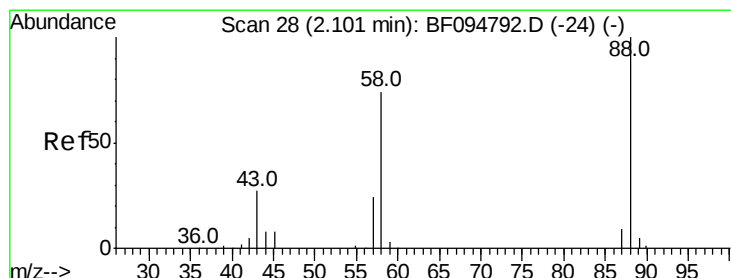
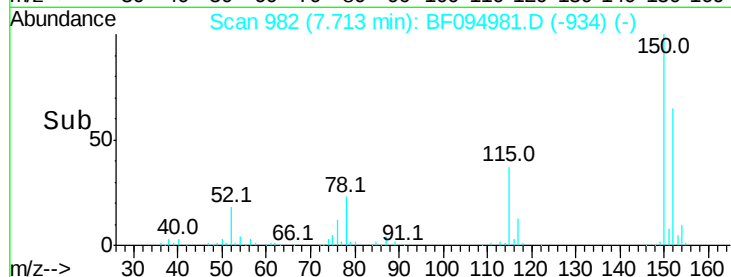
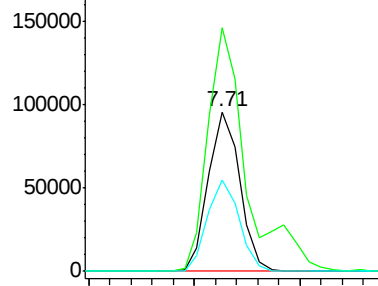
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99066
Ion Ratio Lower Upper
152 100
150 152.7 126.2 189.2
115 57.0 52.2 78.2



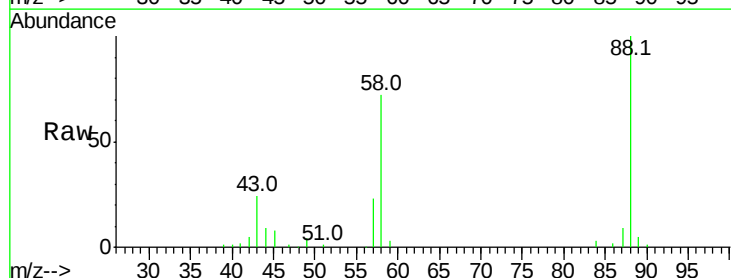
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



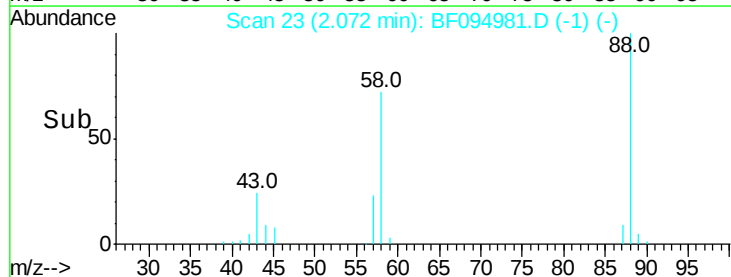
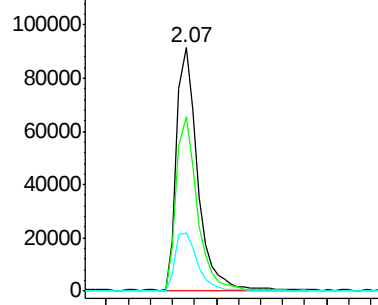
#2

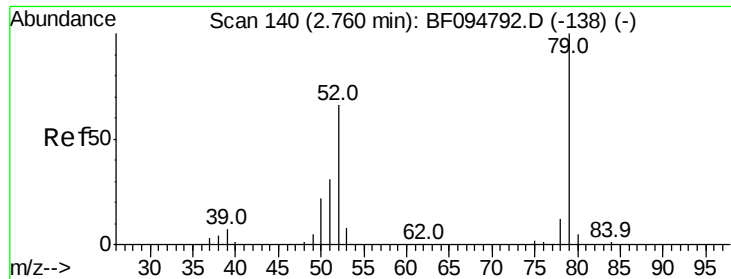
1,4-Dioxane
Concen: 41.42 ng
RT: 2.07 min Scan# 23
Delta R.T. -0.03 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Tgt Ion: 88 Resp: 120706
Ion Ratio Lower Upper
88 100
58 71.0 61.4 92.0
43 25.1 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: 41.28 ng

RT: 2.73 min Scan# 135

Delta R.T. -0.03 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampled :

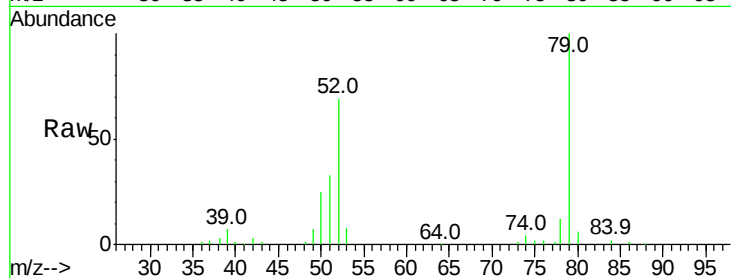
Tot Ion: 79 Resp: 278839

Ion Ratio Lower Upper

79 100

52 68.7 54.8 82.2

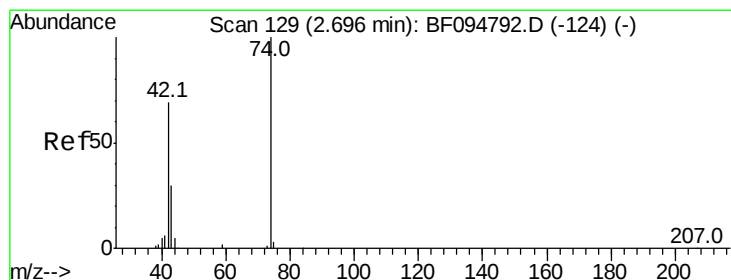
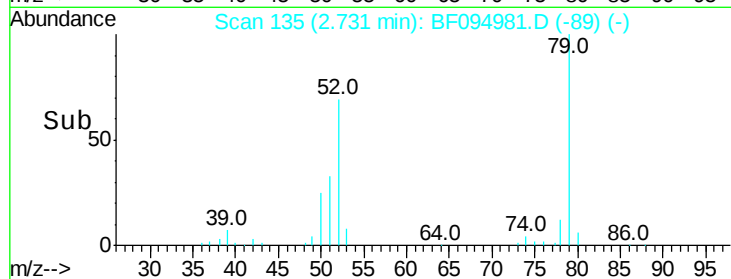
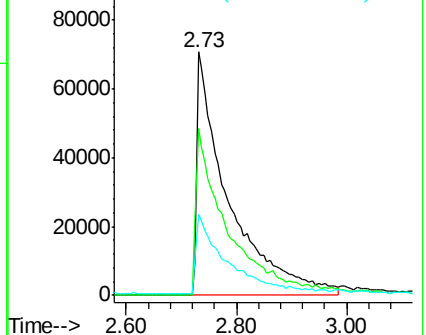
51 33.4 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.50 ng

RT: 2.67 min Scan# 125

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

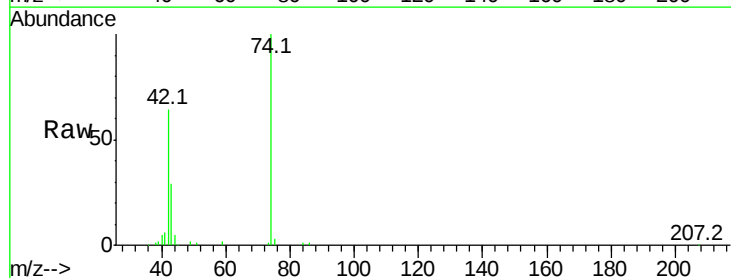
Tgt Ion: 42 Resp: 114008

Ion Ratio Lower Upper

42 100

74 155.1 103.9 155.9

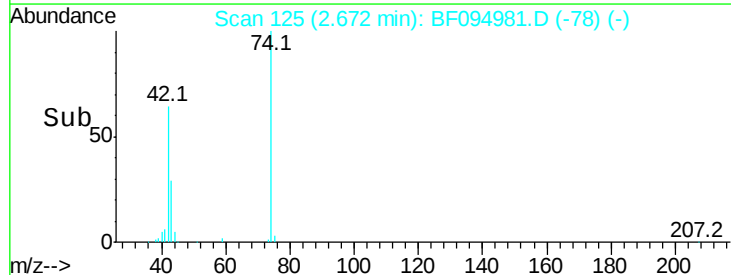
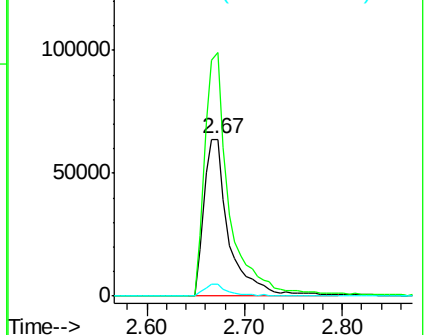
44 7.7 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.95 ng

RT: 5.65 min Scan# 631

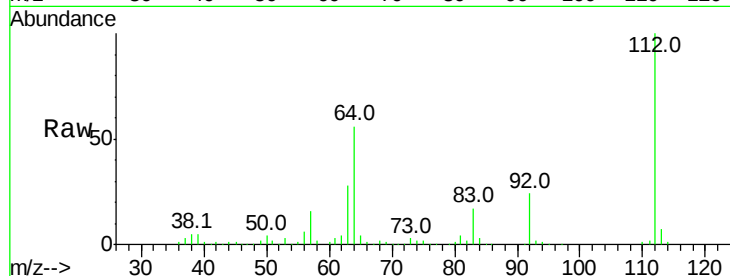
Delta R.T. -0.03 min

Lab File: BF094981.D

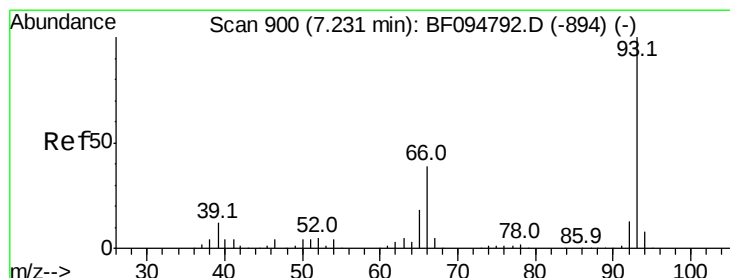
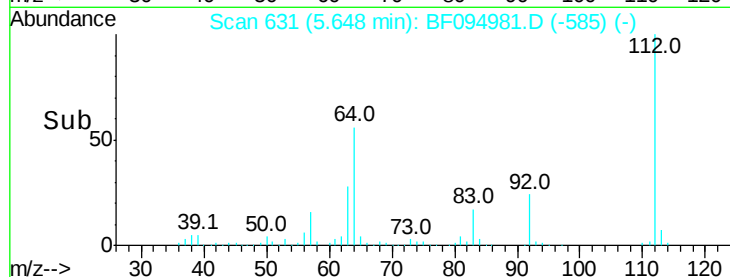
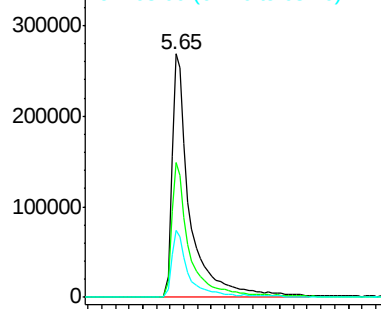
Acq: 8 May 2017 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	498847
Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	27.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 42.02 ng

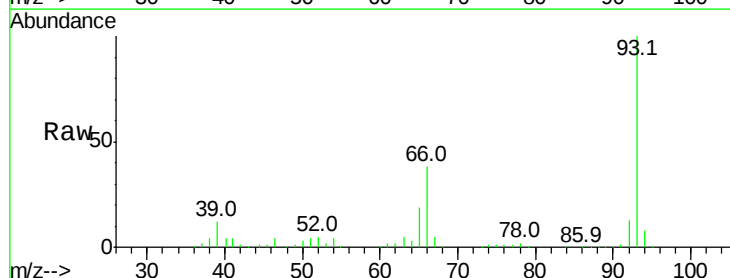
RT: 7.21 min Scan# 897

Delta R.T. -0.02 min

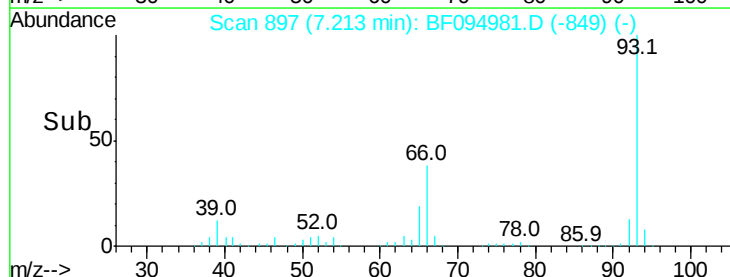
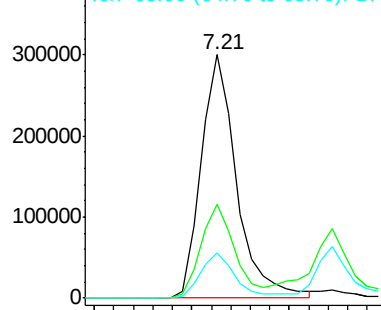
Lab File: BF094981.D

Acq: 8 May 2017 15:28

Tgt Ion:	93	Resp:	378170
Ion	Ratio	Lower	Upper
93	100		
66	38.4	32.9	49.3
65	18.7	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 84.01 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampled :

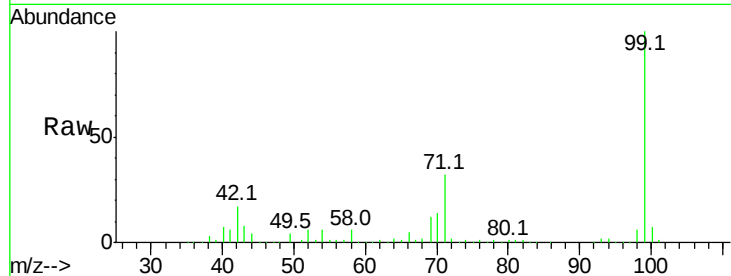
Tot Ion: 99 Resp: 598915

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

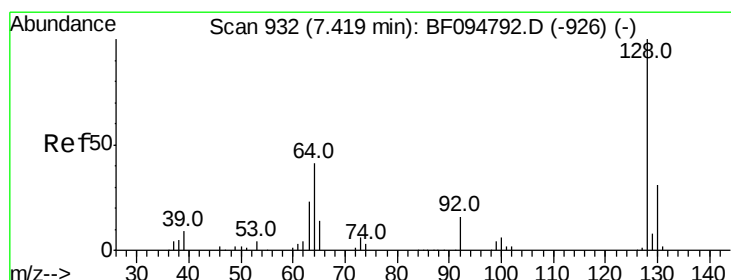
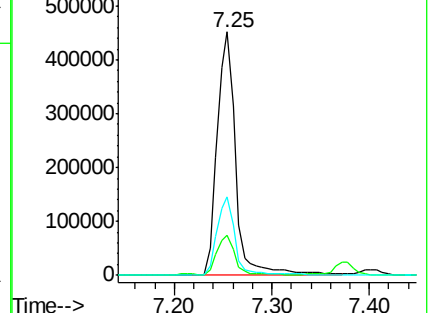
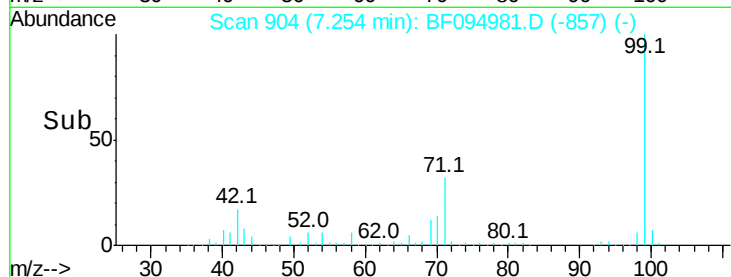
71 32.4 24.5 36.7



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: 42.54 ng

RT: 7.40 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

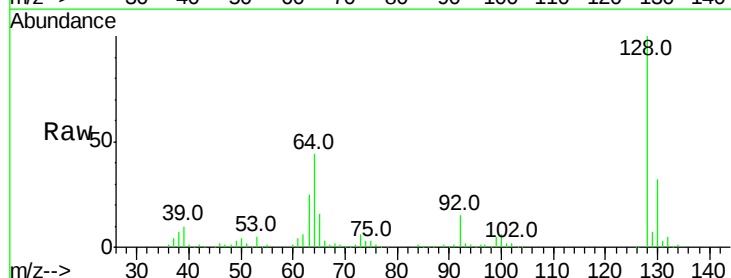
Tgt Ion:128 Resp: 287707

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

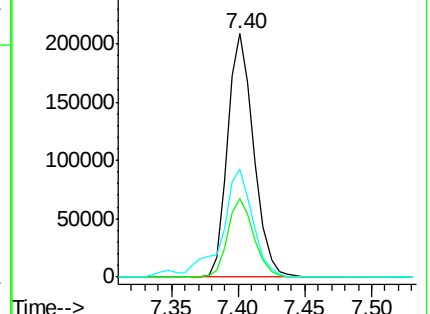
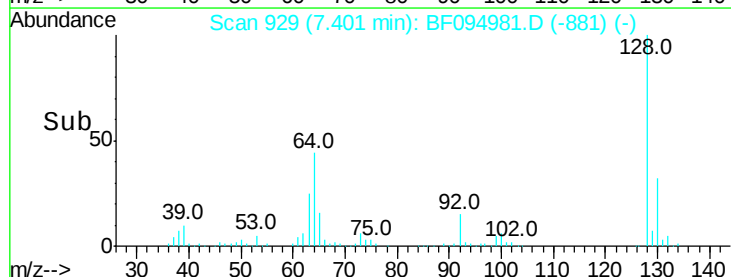
64 44.2 28.4 68.4



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

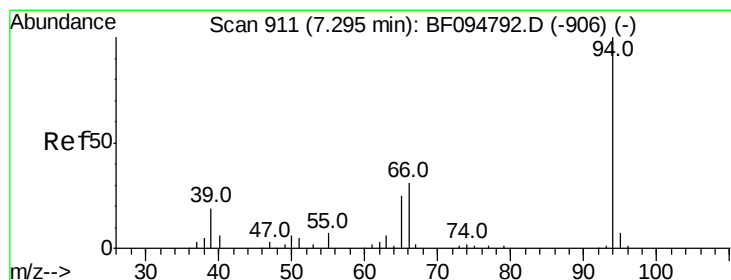
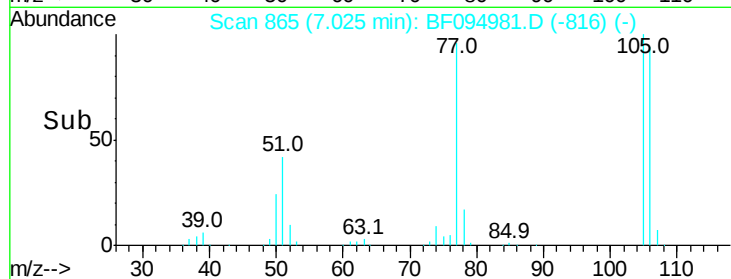
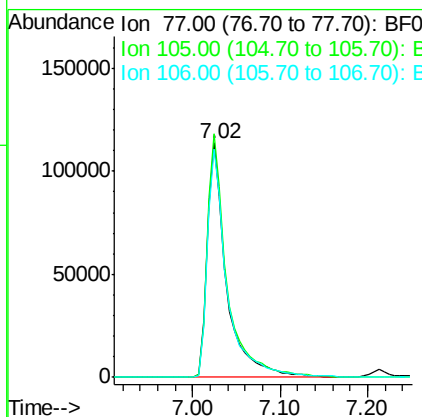
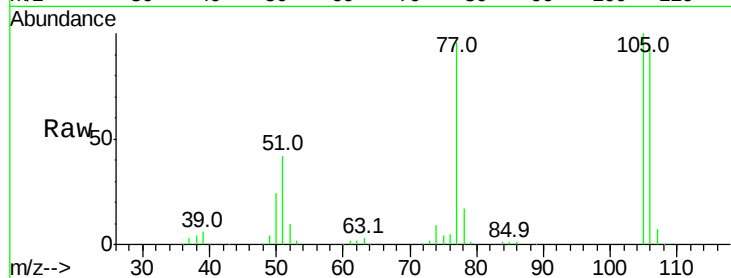




#9
Benzaldehyde
Concen: 40.33 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

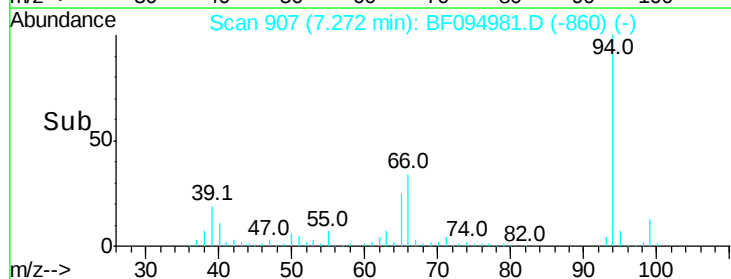
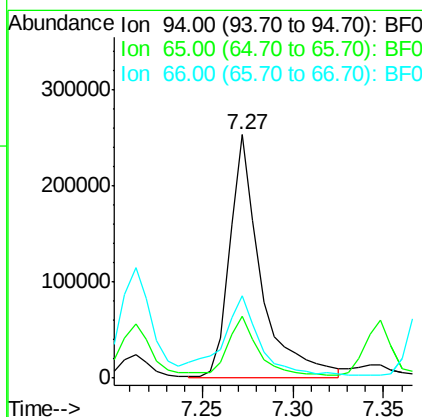
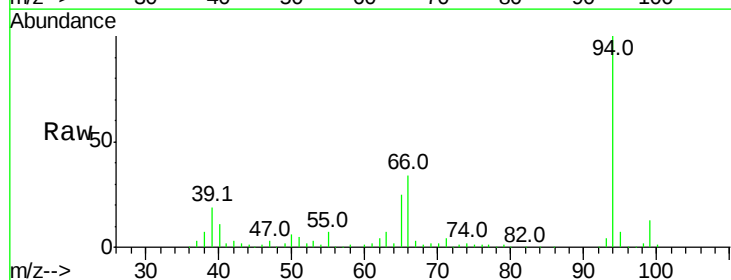
Instrument :
BNA_F
ClientSampleId :

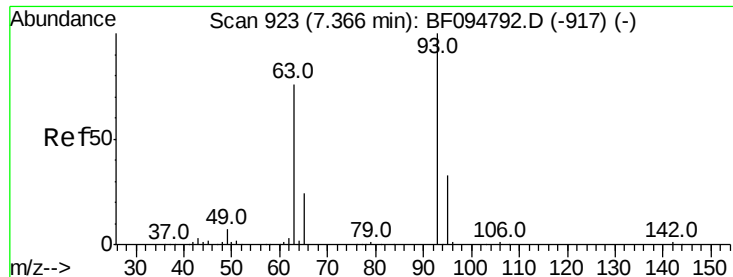
Tot Ion: 77 Resp: 175586
Ion Ratio Lower Upper
77 100
105 103.8 83.8 123.8
106 97.4 79.1 119.1



#10
Phenol
Concen: 40.51 ng
RT: 7.27 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Tgt Ion: 94 Resp: 304361
Ion Ratio Lower Upper
94 100
65 25.4 9.9 49.9
66 33.7 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.10 ng

RT: 7.35 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

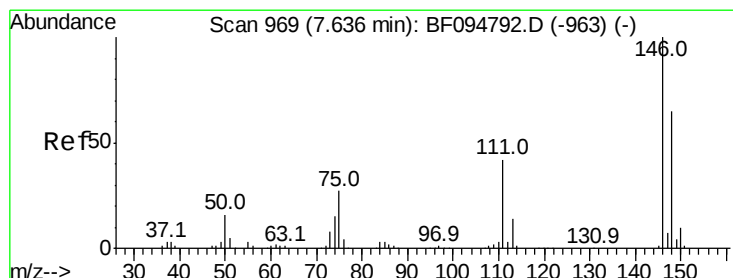
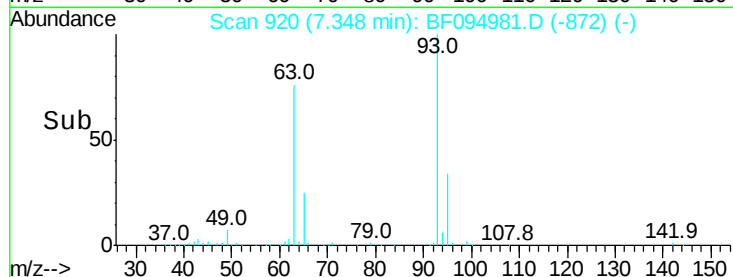
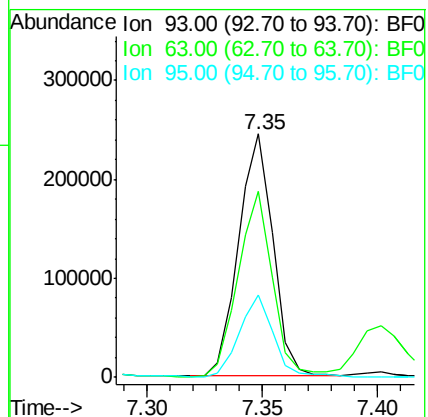
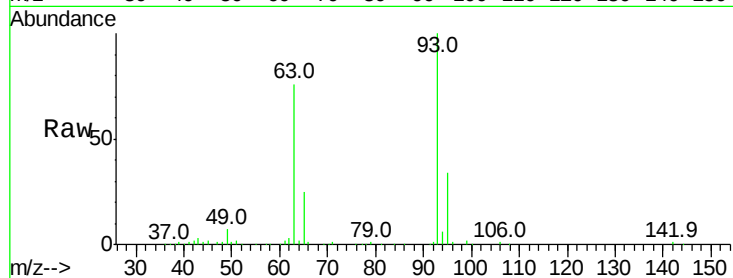
Tot Ion: 93 Resp: 254904

Ion Ratio Lower Upper

93 100

63 76.2 59.2 99.2

95 33.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.94 ng

RT: 7.62 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

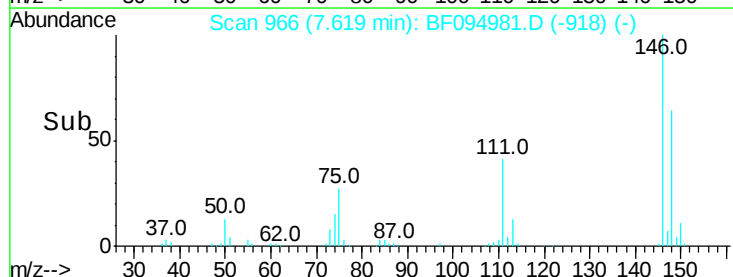
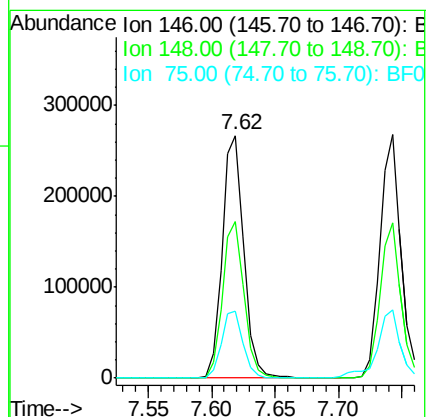
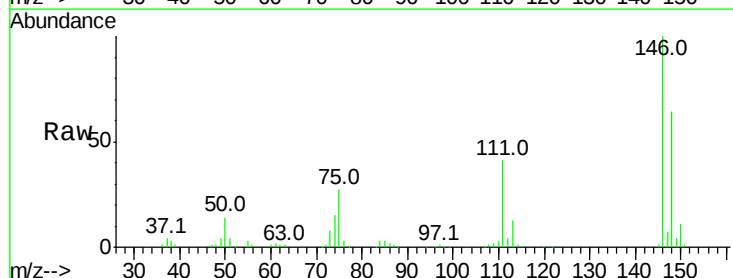
Tgt Ion: 146 Resp: 314067

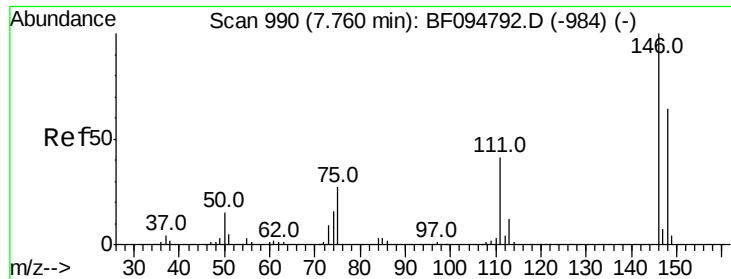
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

75 27.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.42 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

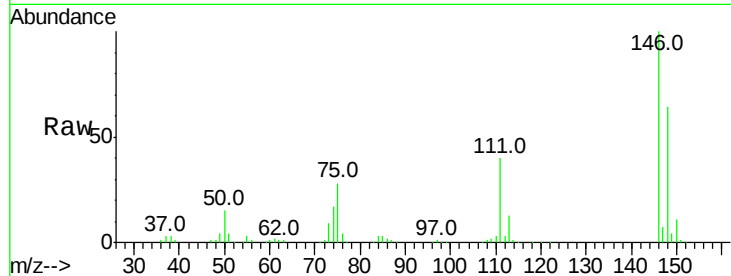
Tot Ion:146 Resp: 314487

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

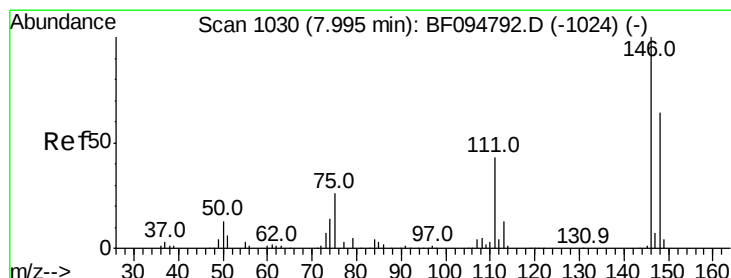
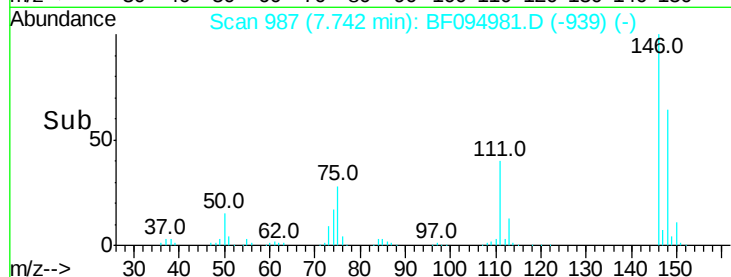
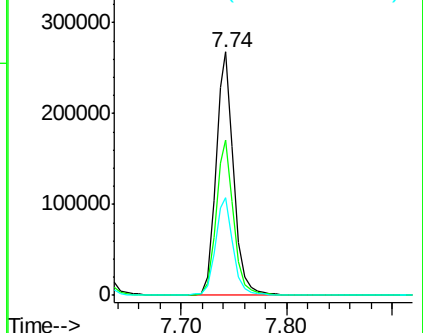
111 40.1 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.72 ng

RT: 7.98 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

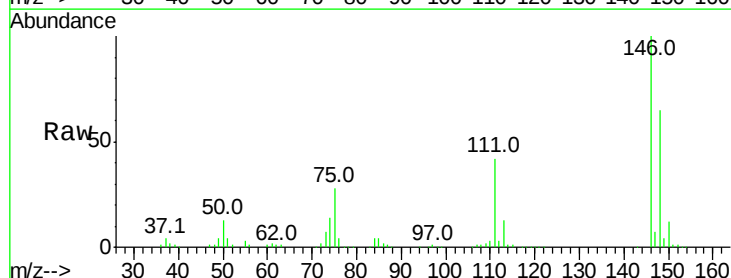
Tgt Ion:146 Resp: 310223

Ion Ratio Lower Upper

146 100

148 65.3 50.4 75.6

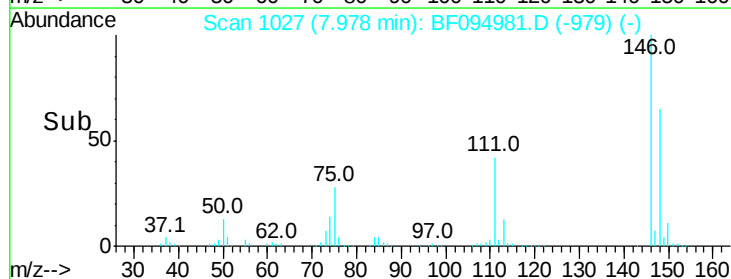
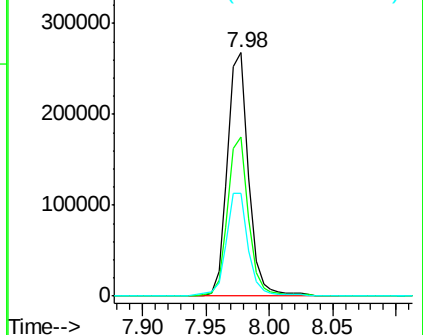
111 42.3 38.2 57.4

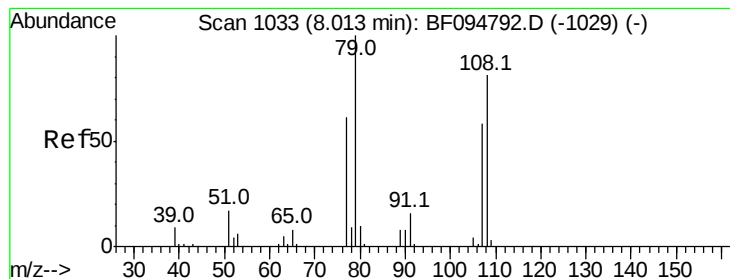


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.00 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampled :

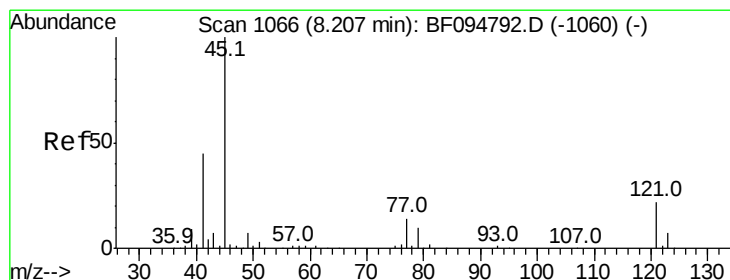
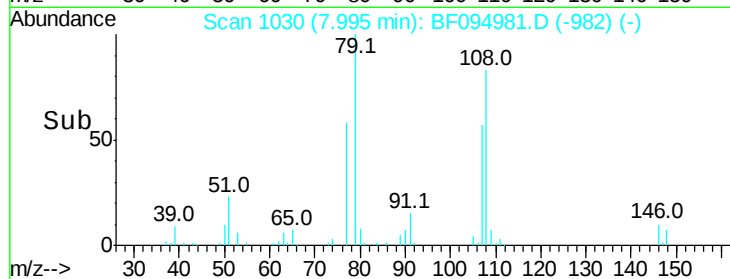
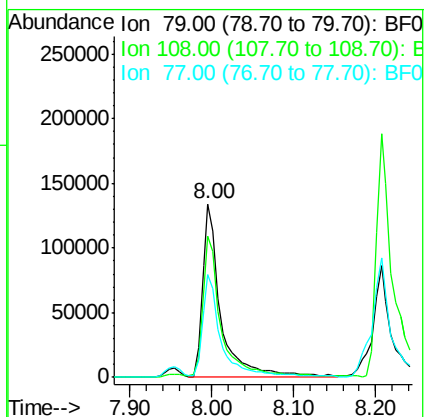
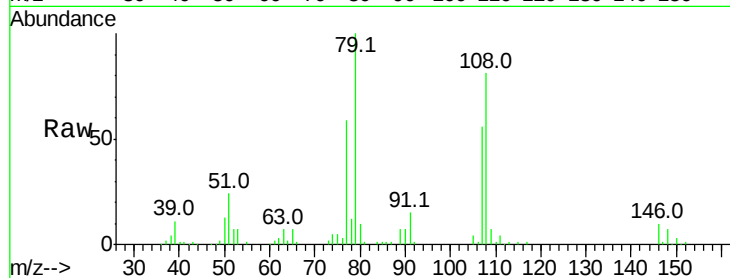
Tot Ion: 79 Resp: 210924

Ion Ratio Lower Upper

79 100

108 81.2 63.4 95.0

77 59.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.72 ng

RT: 8.19 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

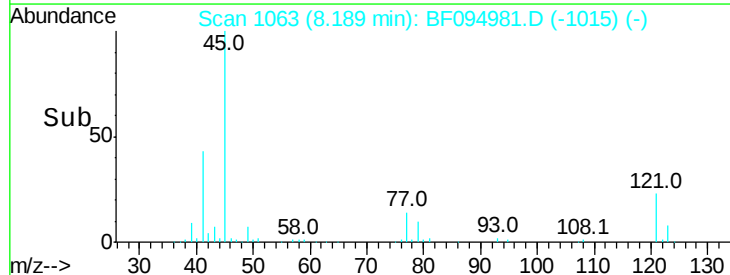
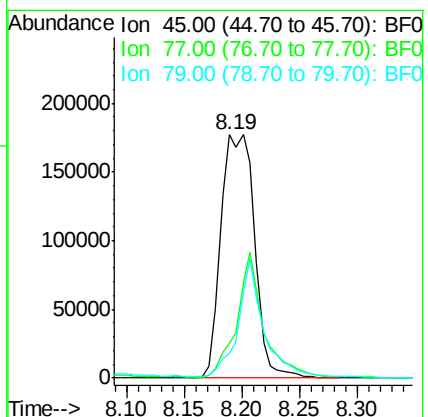
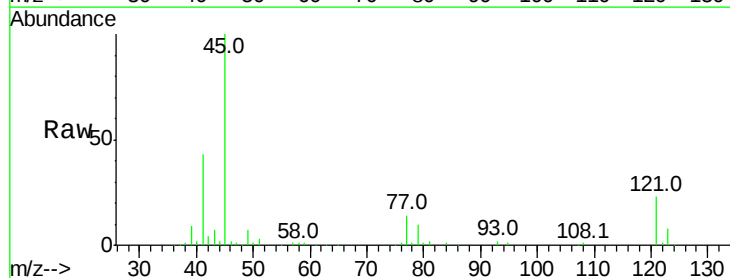
Tgt Ion: 45 Resp: 357486

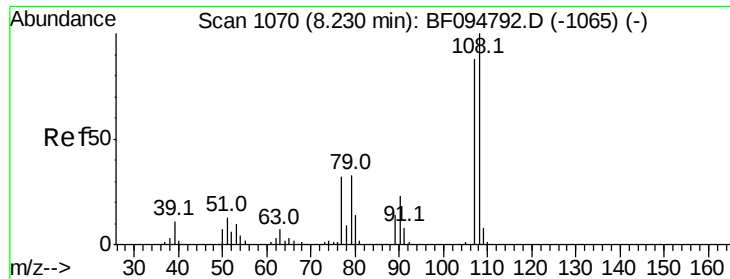
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.2

79 10.3 0.0 30.0





#17

2-Methylphenol

Concen: 42.48 ng

RT: 8.21 min Scan# 1066

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 235105

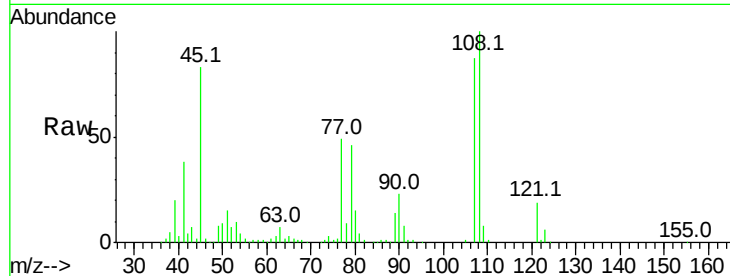
Ion Ratio Lower Upper

107 100

108 114.3 93.4 140.0

77 55.9 35.8 53.6#

79 52.6 34.8 52.2#



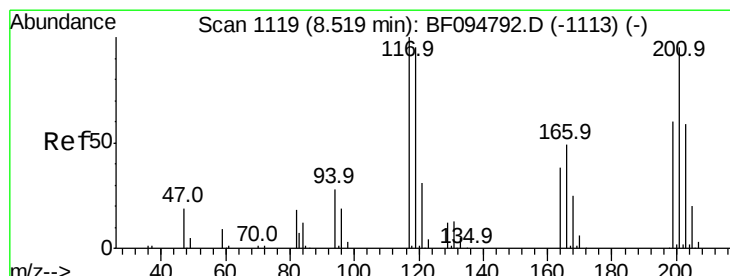
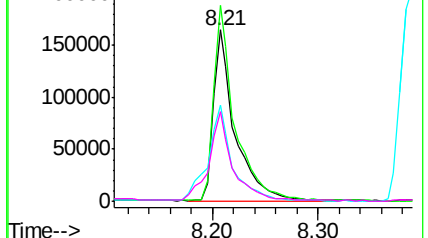
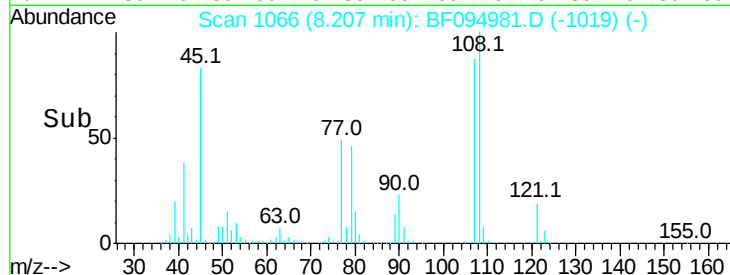
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 39.35 ng

RT: 8.50 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

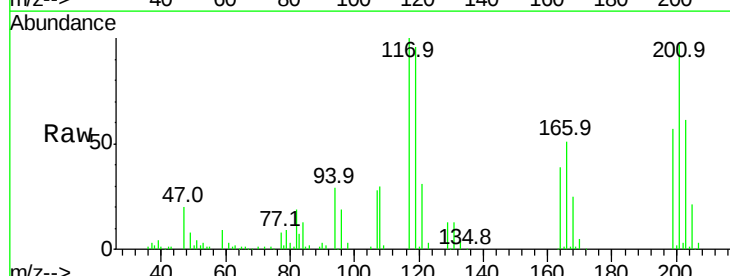
Tgt Ion:117 Resp: 103699

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.0

201 97.2 94.6 141.8

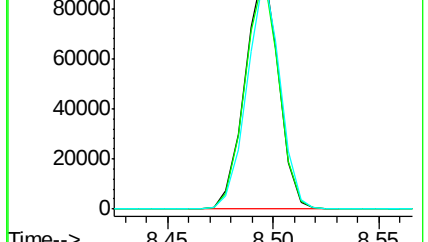
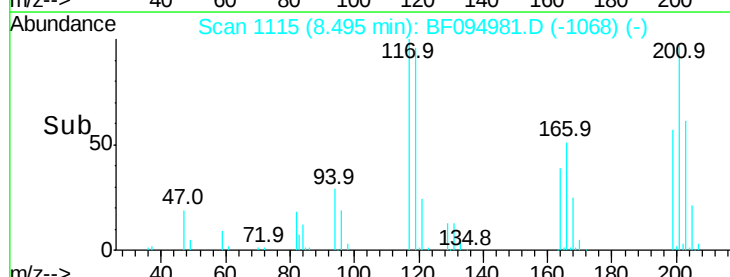


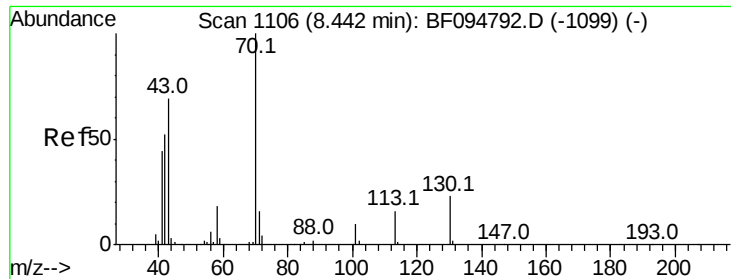
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

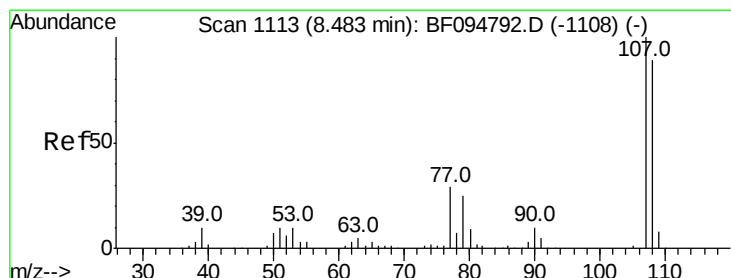
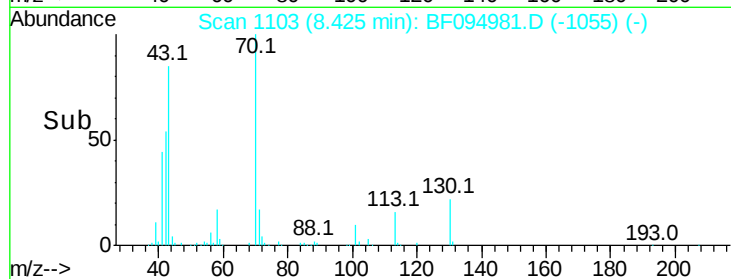
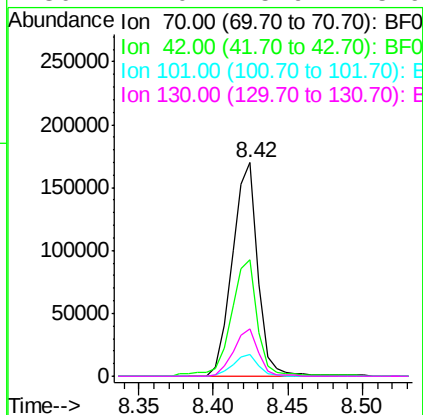
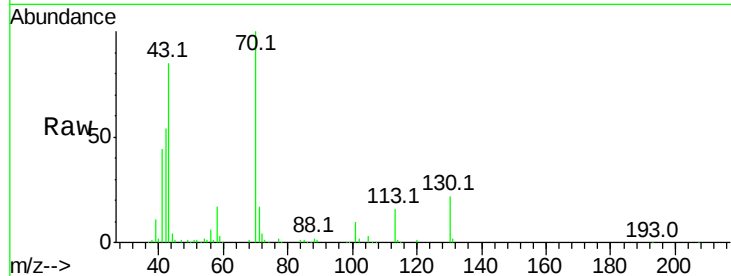




#19
n-Nitroso-di-n-propylamine
Concen: 42.11 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

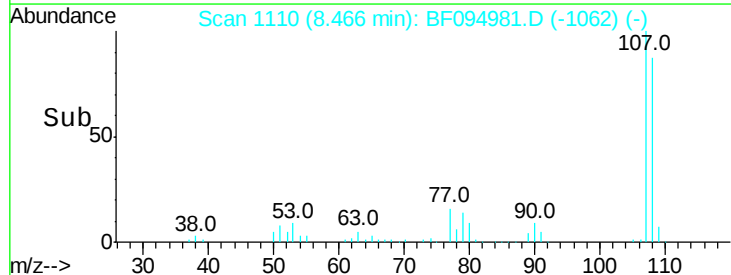
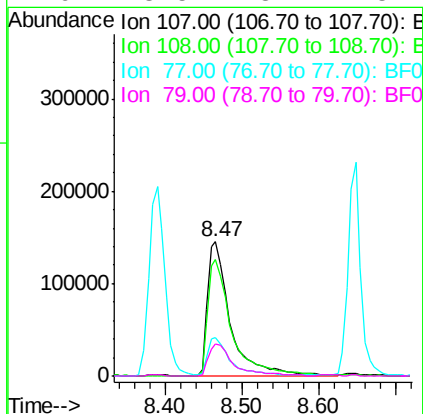
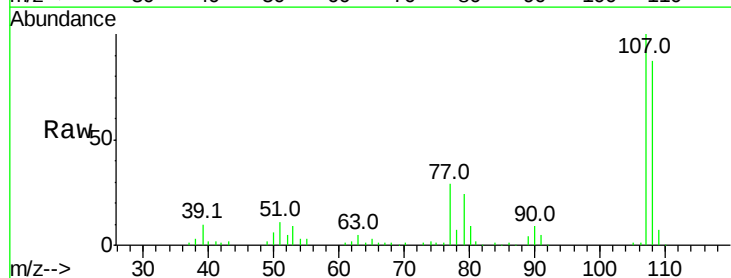
Instrument :
BNA_F
ClientSampleId :

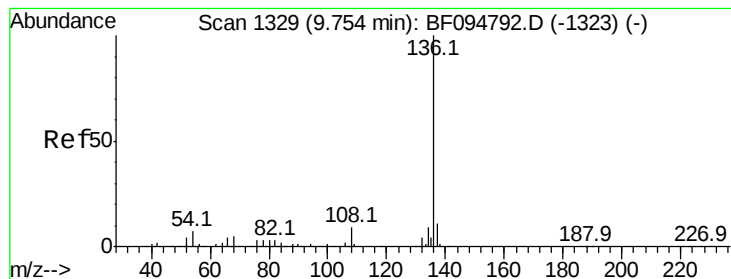
Tot Ion: 70 Resp: 203035
Ion Ratio Lower Upper
70 100
42 54.4 47.2 70.8
101 10.2 7.2 10.8
130 22.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.66 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Tgt Ion:107 Resp: 298309
Ion Ratio Lower Upper
107 100
108 86.9 71.0 111.0
77 29.0 90.5 130.5#
79 23.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 411595

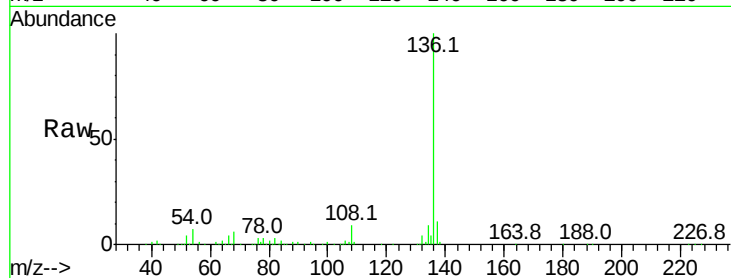
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

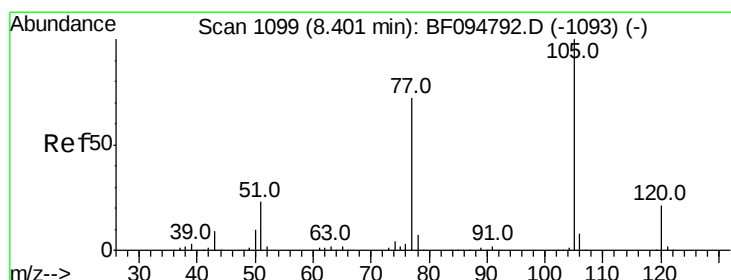
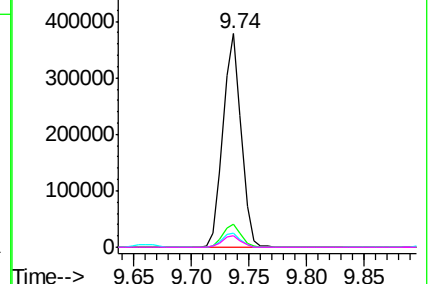
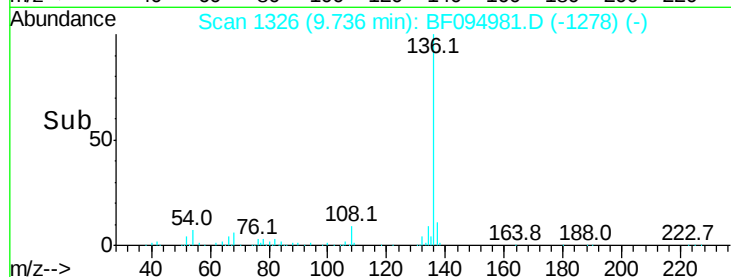


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.41 ng

RT: 8.39 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Tgt Ion:105 Resp: 408976

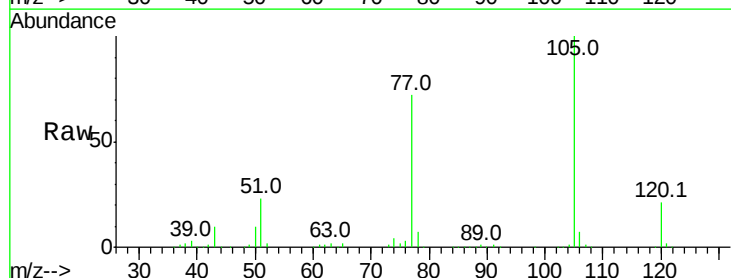
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.9 30.7 46.1#

120 21.5 17.4 26.0

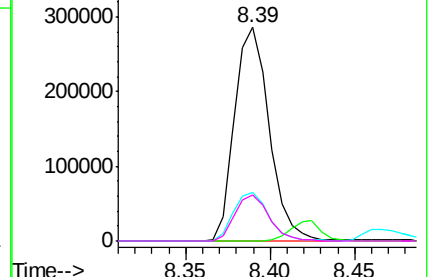
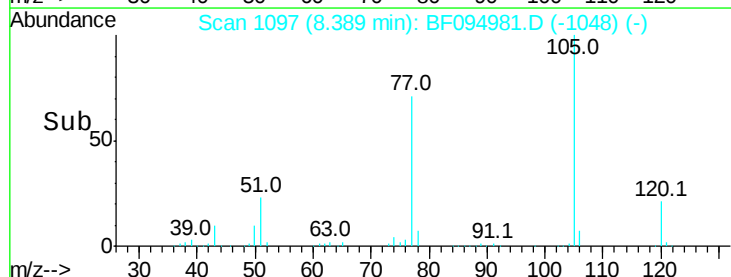


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

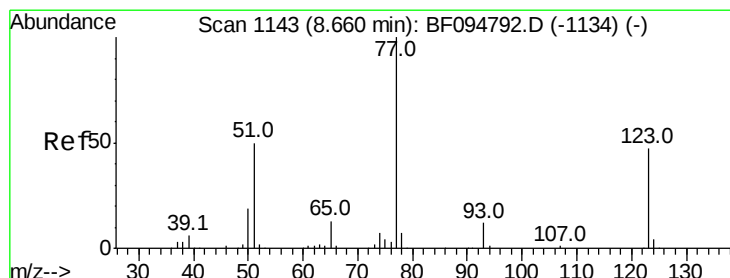
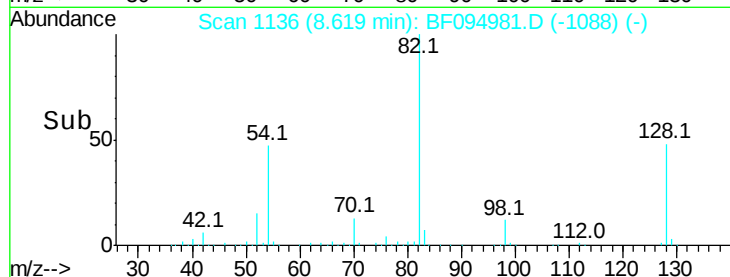
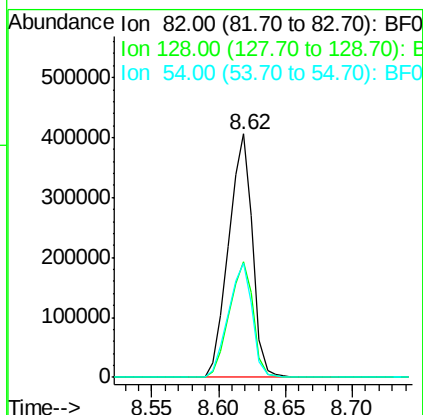
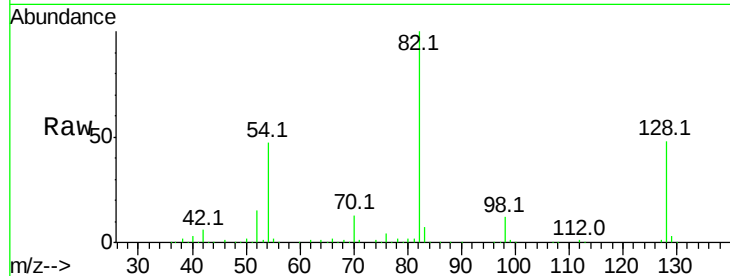




#23
 Nitrobenzene-d5
 Concen: 78.28 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

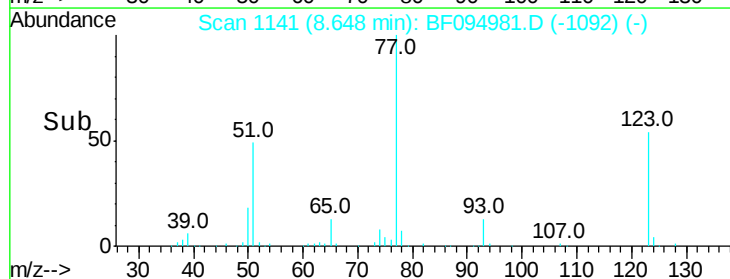
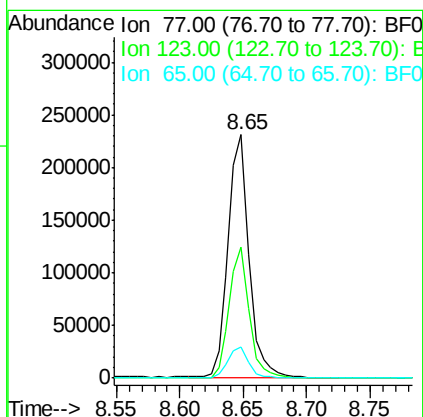
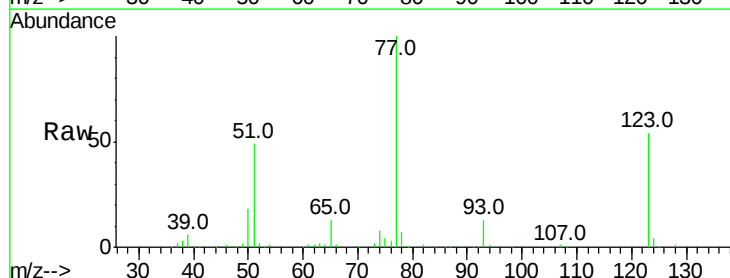
Instrument :
 BNA_F
 ClientSampled :

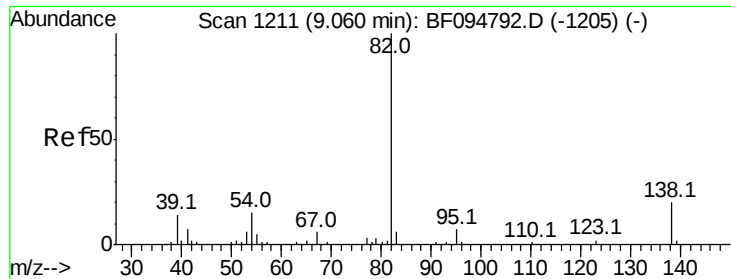
Tot Ion: 82 Resp: 510965
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 46.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 38.44 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion: 77 Resp: 263014
 Ion Ratio Lower Upper
 77 100
 123 53.5 35.8 53.8
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 41.11 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

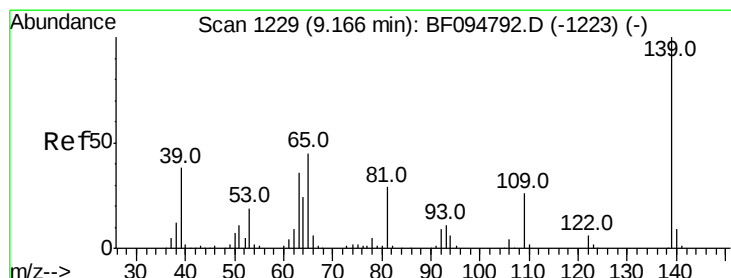
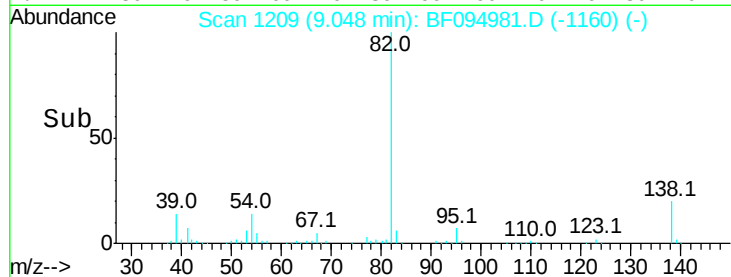
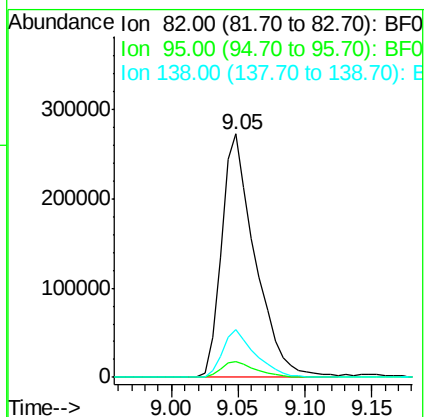
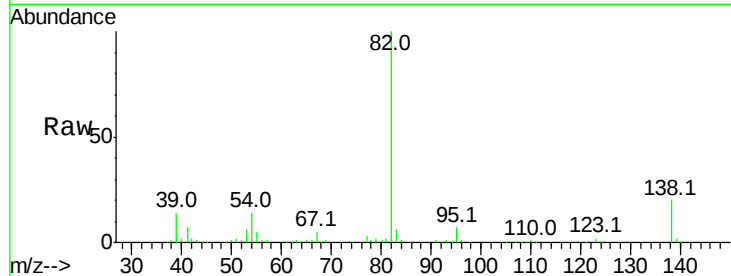
Tot Ion: 82 Resp: 479155

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 40.52 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

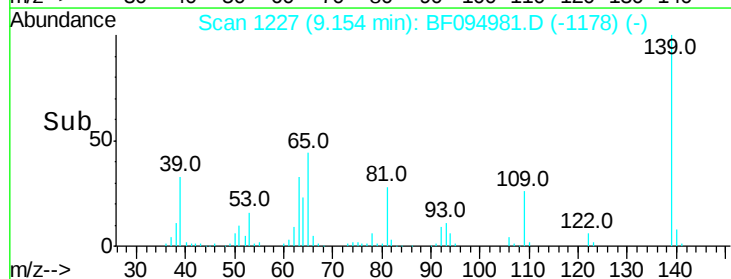
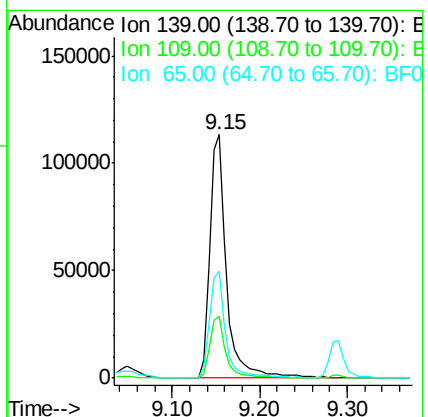
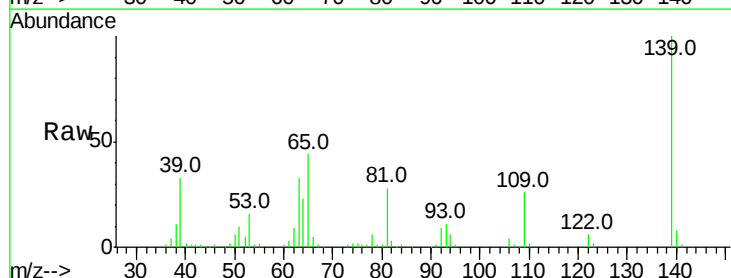
Tgt Ion:139 Resp: 149588

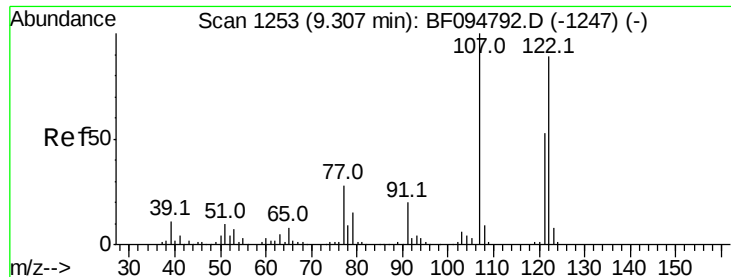
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 43.7 33.0 49.6

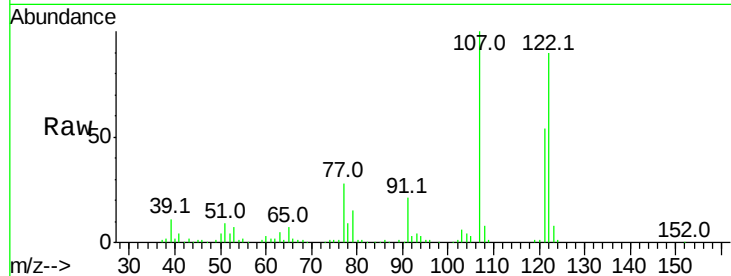




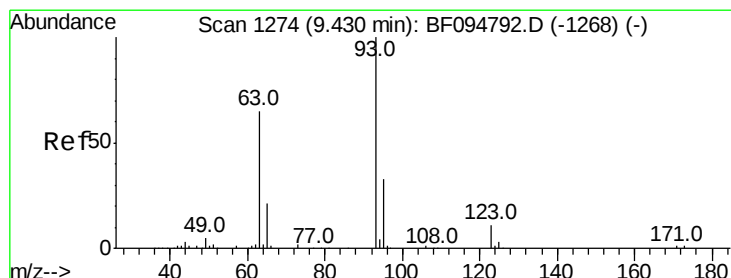
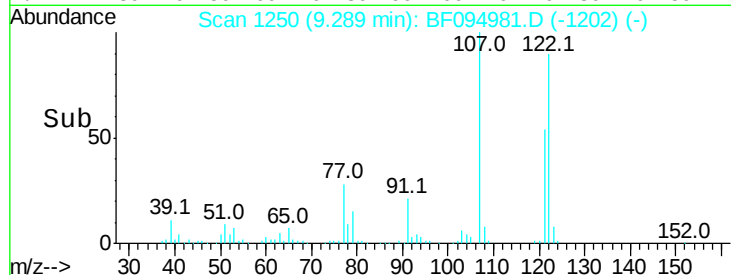
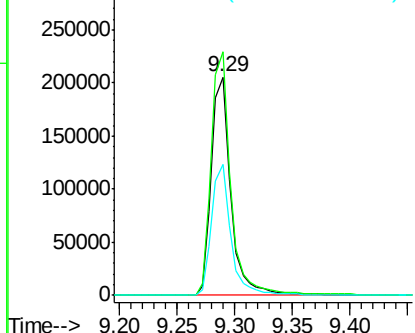
#27
 2,4-Dimethylphenol
 Concen: 40.94 ng
 RT: 9.29 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 244345
 Ion Ratio Lower Upper
 122 100
 107 111.4 89.2 133.8
 121 59.7 45.2 67.8

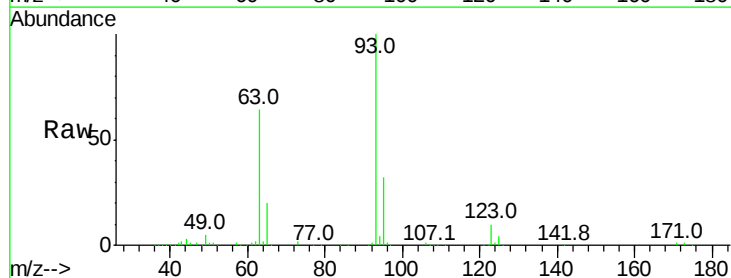


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

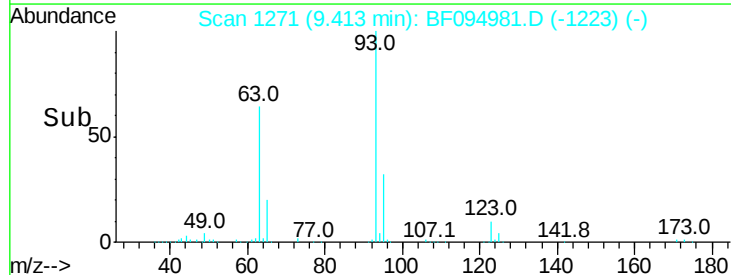
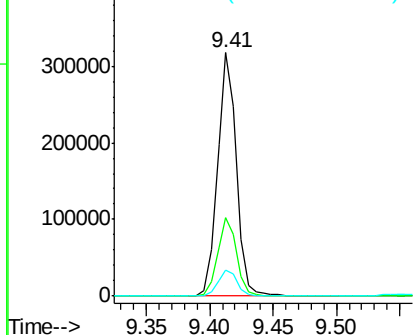


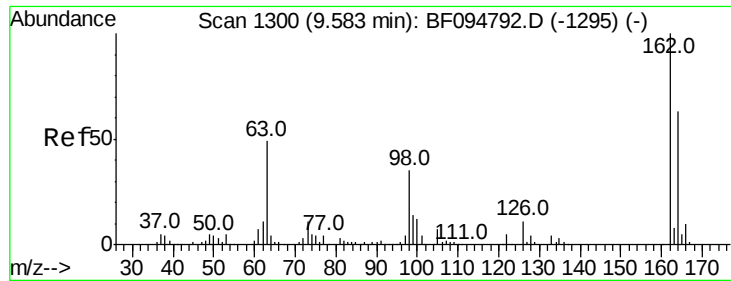
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.05 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion: 93 Resp: 331005
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 10.4 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

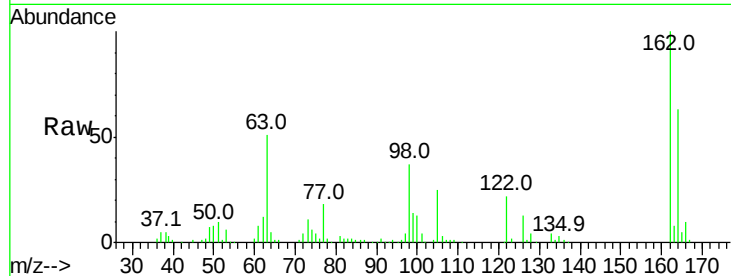




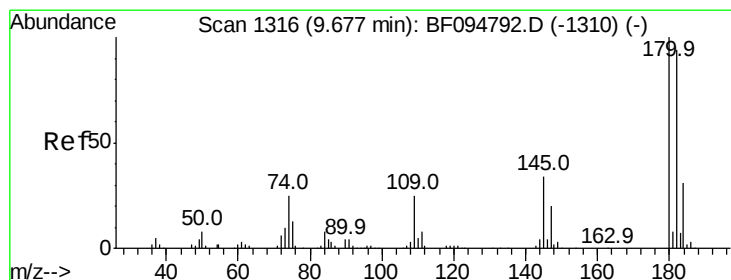
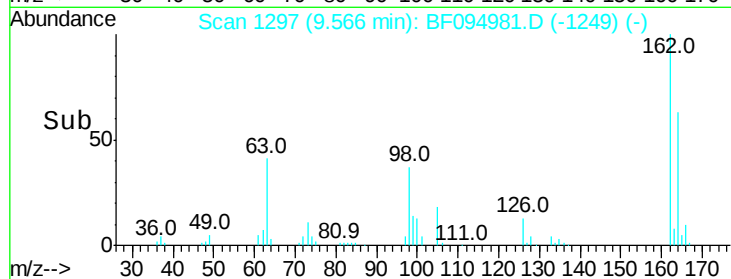
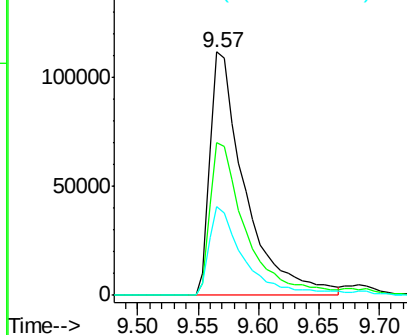
#29
 2,4-Dichlorophenol
 Concen: 39.99 ng
 RT: 9.57 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.6	84.6
98	36.5	14.8	54.8

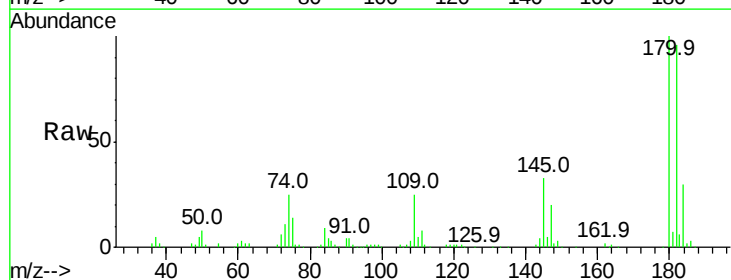


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

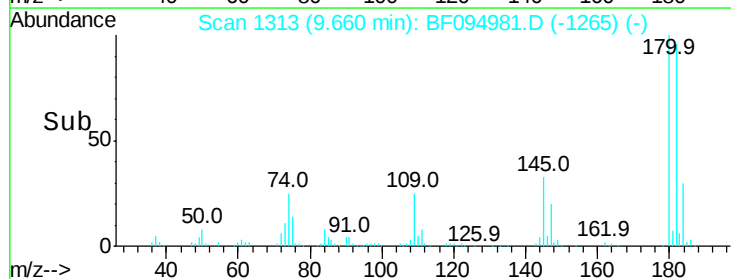
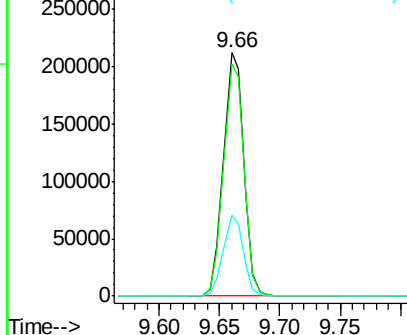


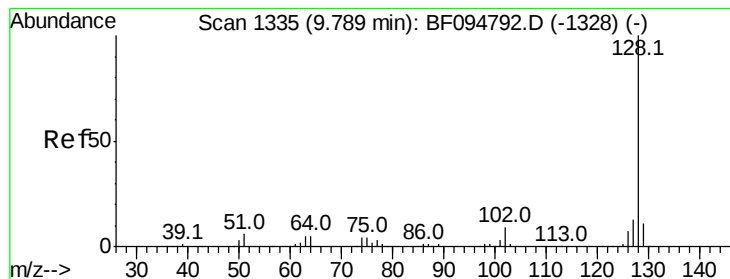
#30
 1,2,4-Trichlorobenzene
 Concen: 40.95 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	33.3	25.3	37.9



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





#31

Naphthalene

Concen: 40.56 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

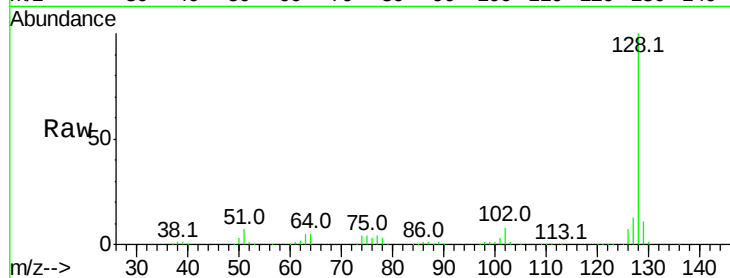
Tot Ion:128 Resp: 839031

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

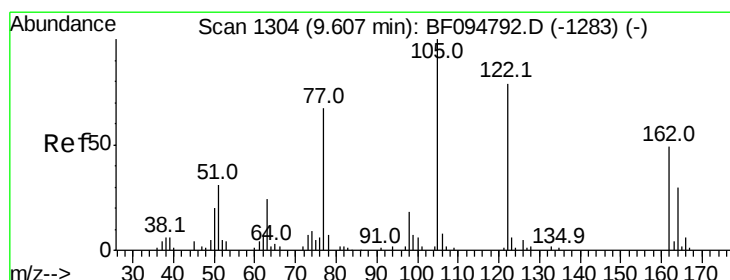
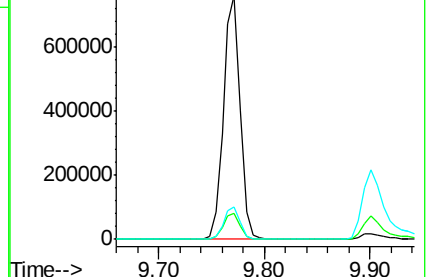
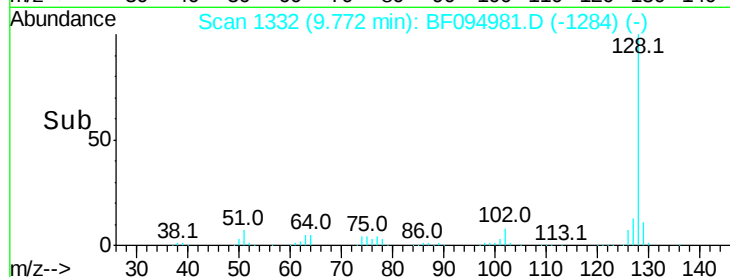
127 13.5 10.8 16.2



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: 39.44 ng

RT: 9.61 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

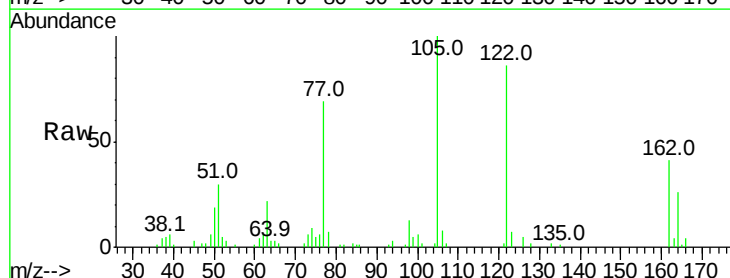
Tgt Ion:122 Resp: 150586

Ion Ratio Lower Upper

122 100

105 116.8 103.3 143.3

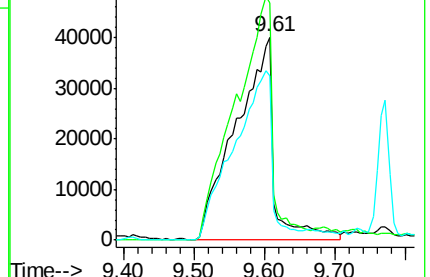
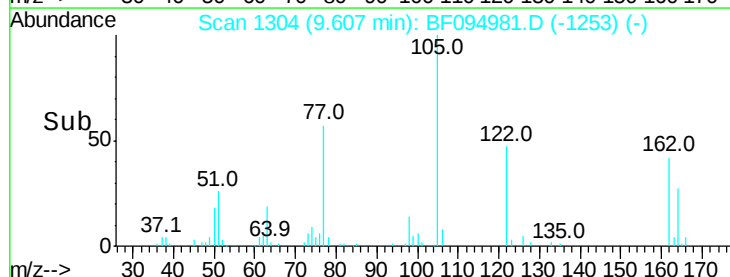
77 80.6 73.7 113.7

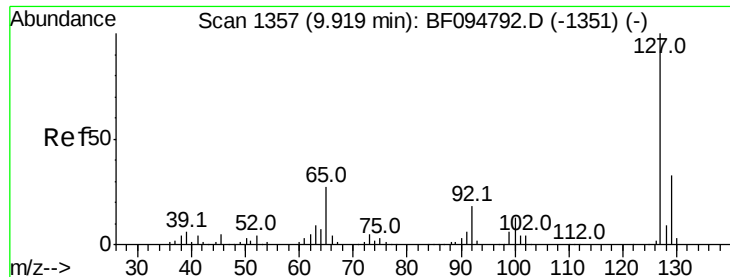


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

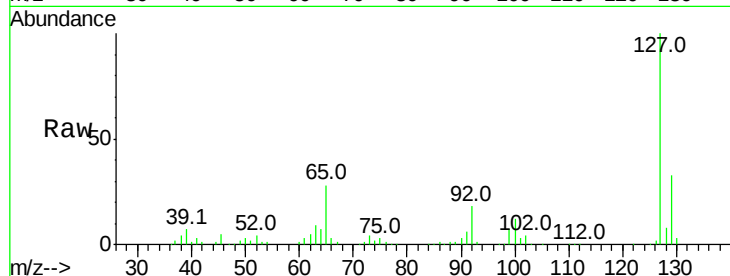




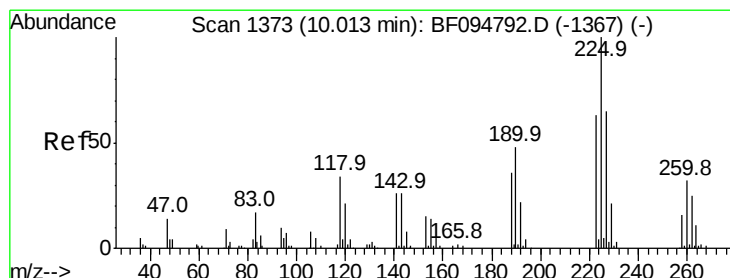
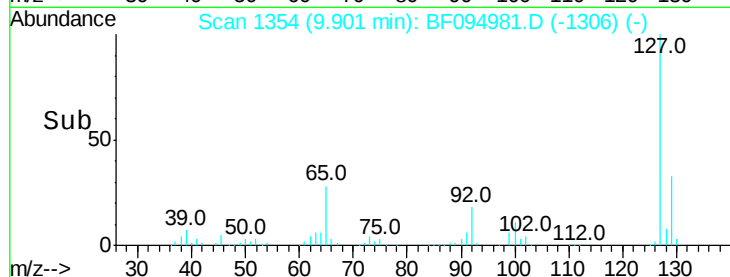
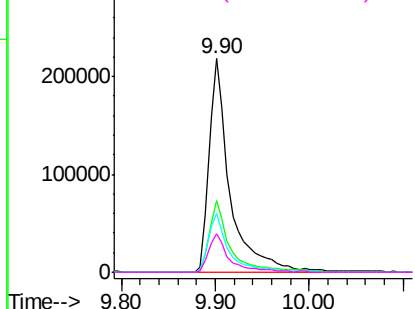
#33
 4-Chloroaniline
 Concen: 44.46 ng
 RT: 9.90 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	342784
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.2
65	27.8	27.8	41.8#
92	18.0	16.8	25.2

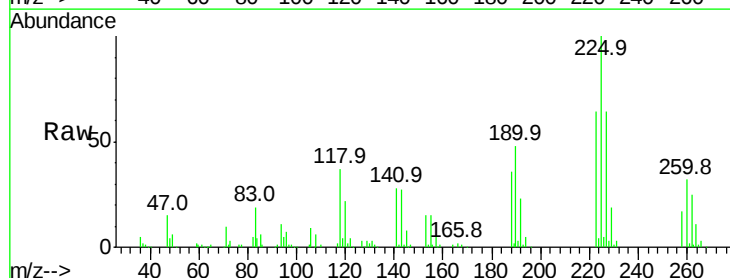


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

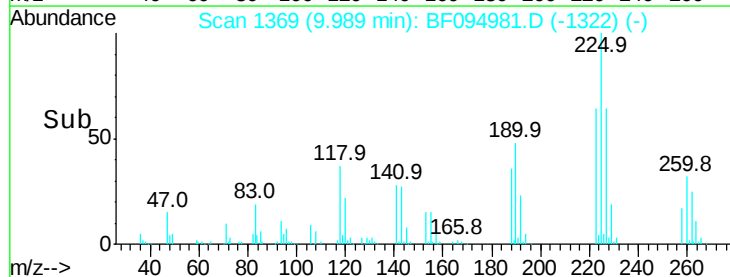
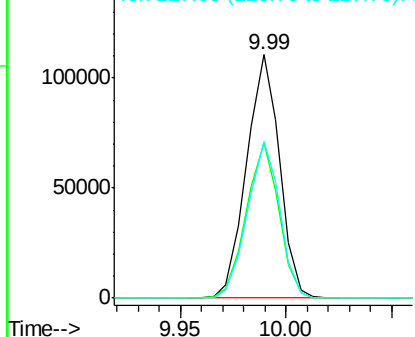


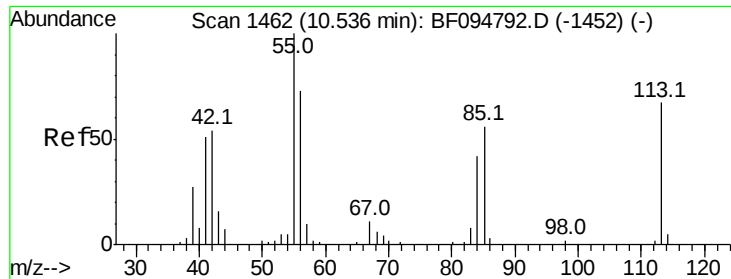
#34
 Hexachlorobutadiene
 Concen: 37.52 ng
 RT: 9.99 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion:	225	Resp:	119523
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	64.2	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: 7.25 ng

RT: 10.64 min Scan# 1479

Delta R.T. 0.10 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

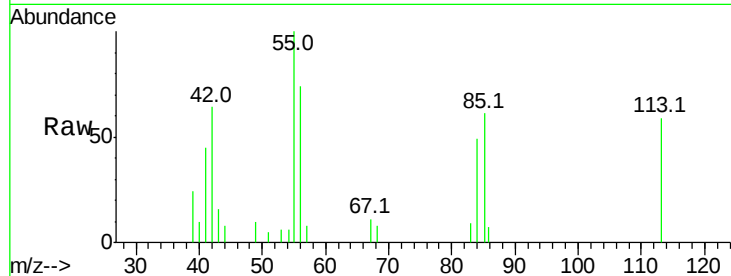
Tot Ion:113 Resp: 12276

Ion Ratio Lower Upper

113 100

55 170.2 150.2 190.2

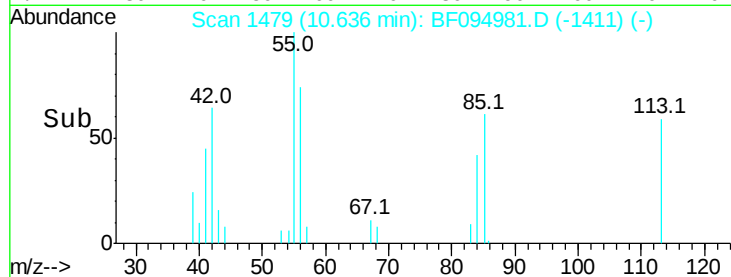
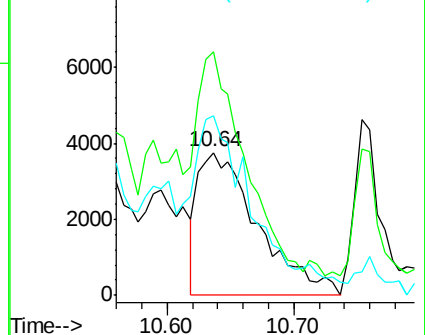
56 125.4 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.28 ng

RT: 10.75 min Scan# 1499

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

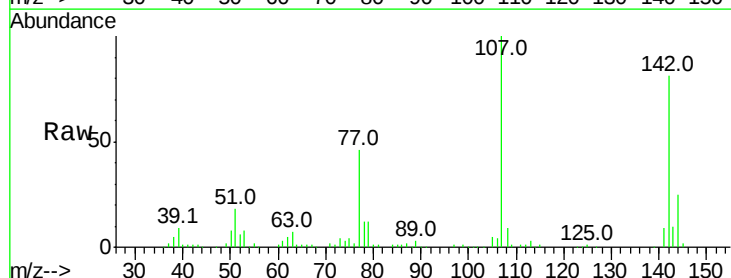
Tgt Ion:107 Resp: 248712

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

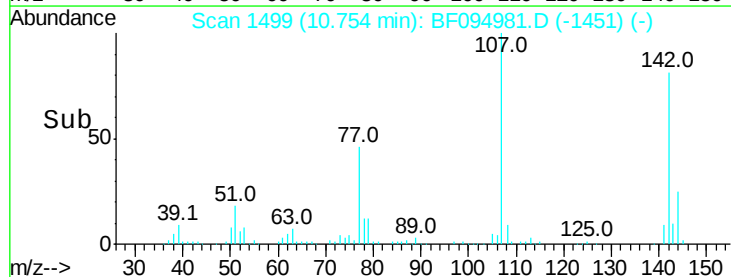
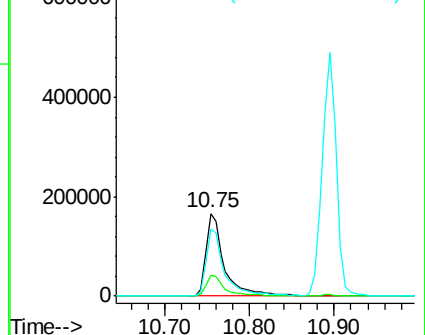
142 81.2 73.4 110.0

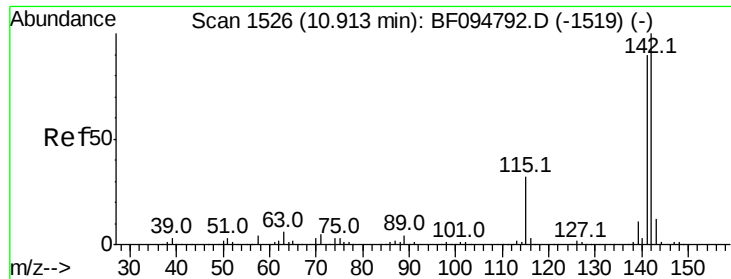


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

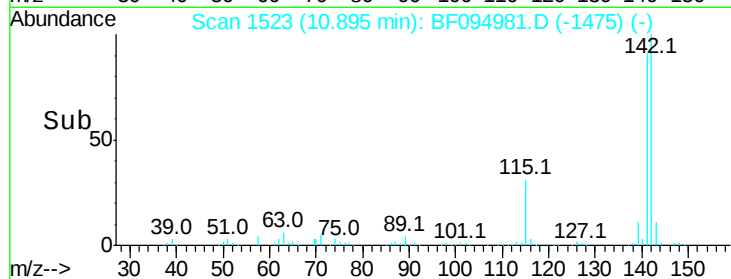
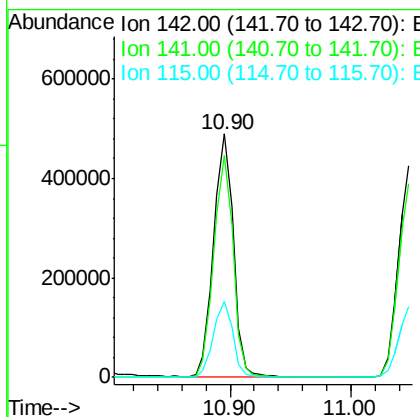
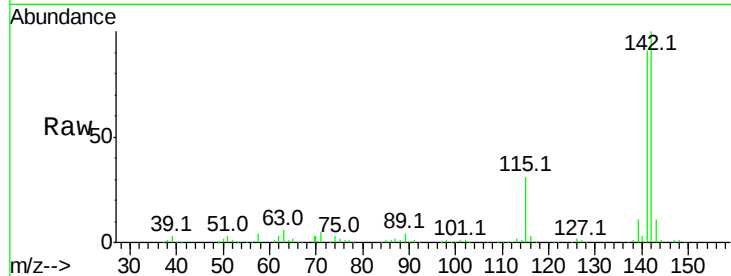




#37
2-Methylnaphthalene
Concen: 40.60 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

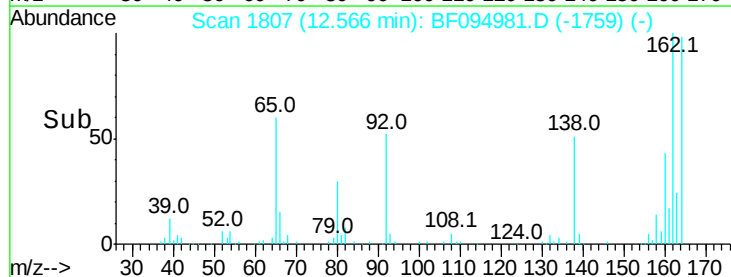
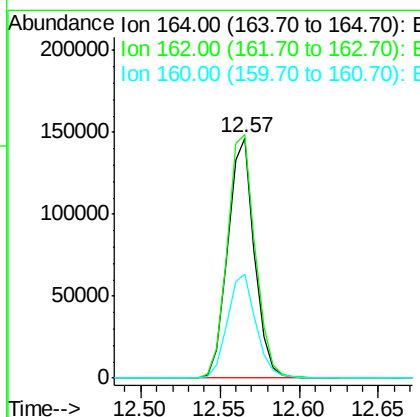
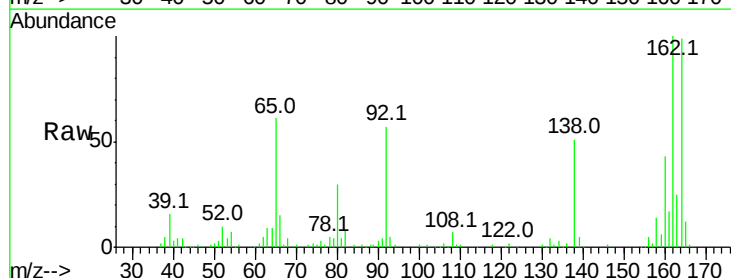
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 551280
Ion Ratio Lower Upper
142 100
141 91.4 71.3 106.9
115 31.2 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Tgt Ion:164 Resp: 169734
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 43.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.97 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 224288

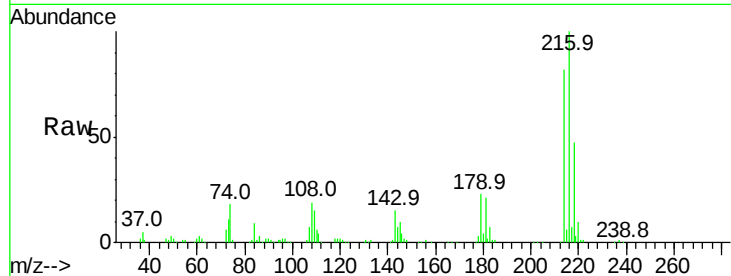
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 22.3 17.9 26.9

108 18.9 16.5 24.7

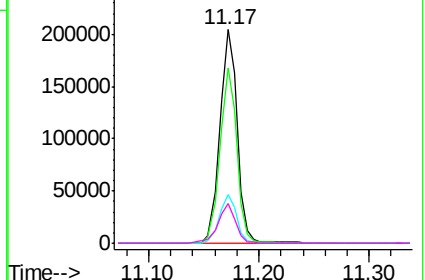
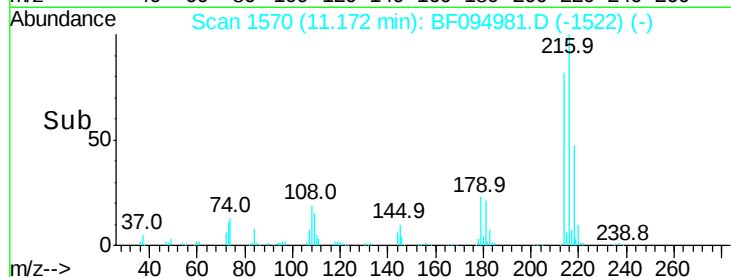


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.25 ng

RT: 11.15 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

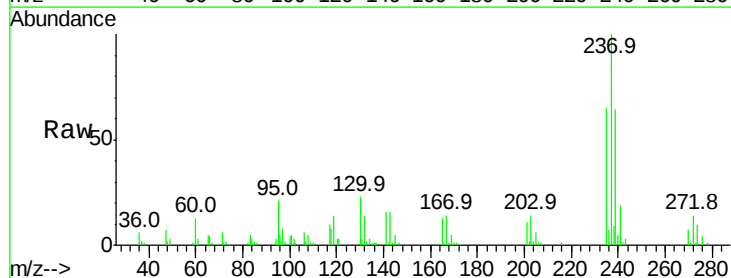
Tgt Ion:237 Resp: 71688

Ion Ratio Lower Upper

237 100

235 64.9 42.6 82.6

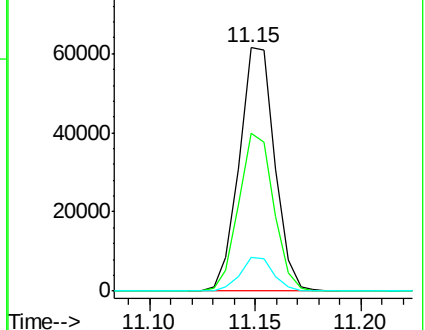
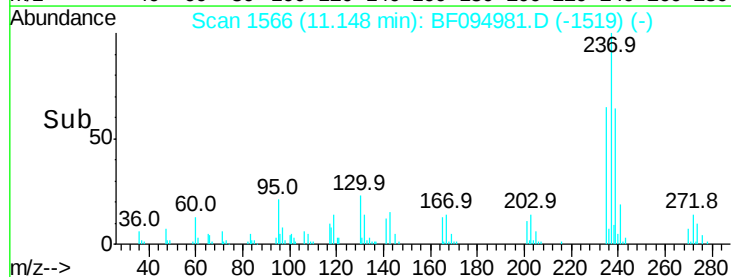
272 13.8 0.0 31.9



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

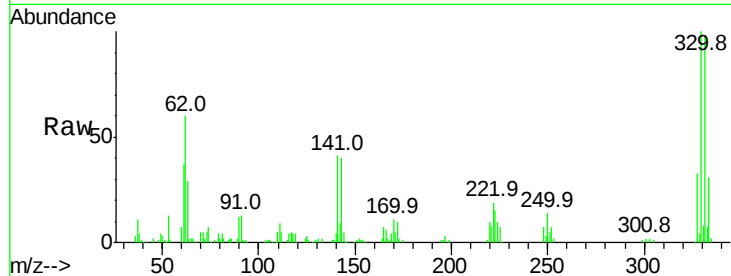




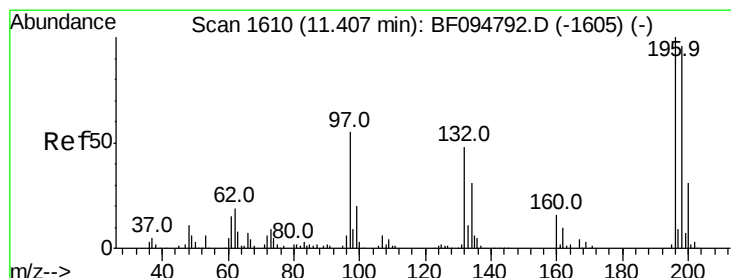
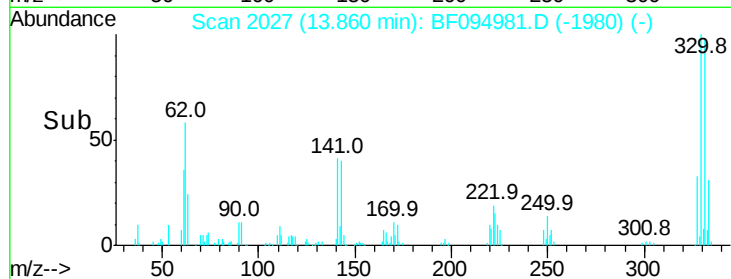
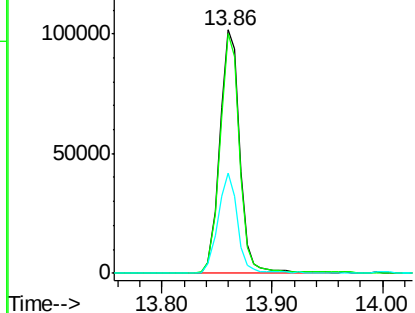
#41
 2,4,6-Tribromophenol
 Concen: 93.16 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	40.2	31.4	47.2

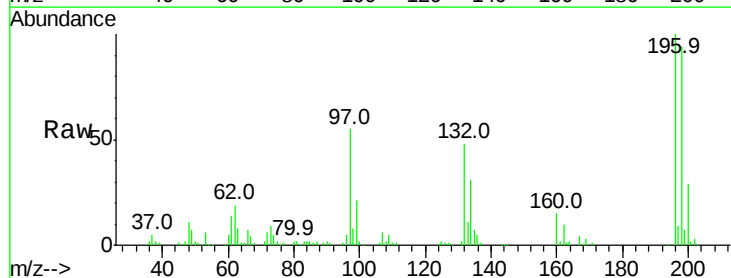


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

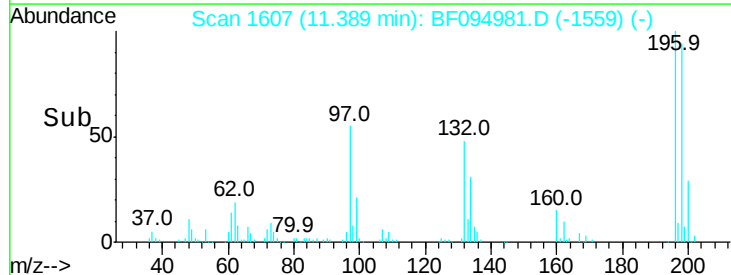
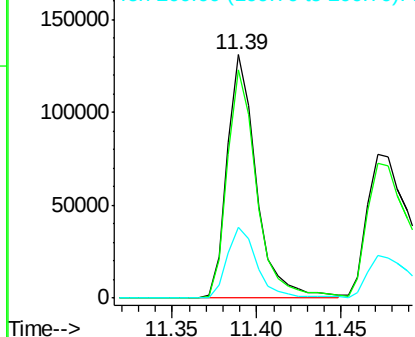


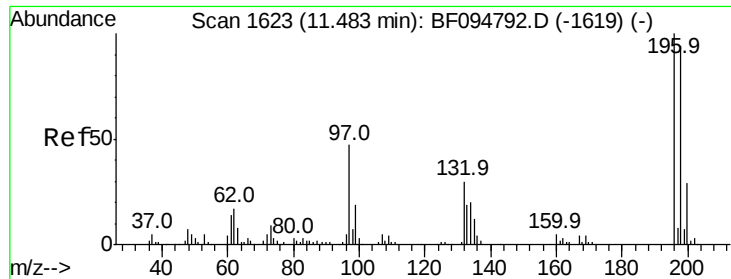
#42
 2,4,6-Trichlorophenol
 Concen: 45.12 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.2	111.4
200	29.3	24.0	36.0



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

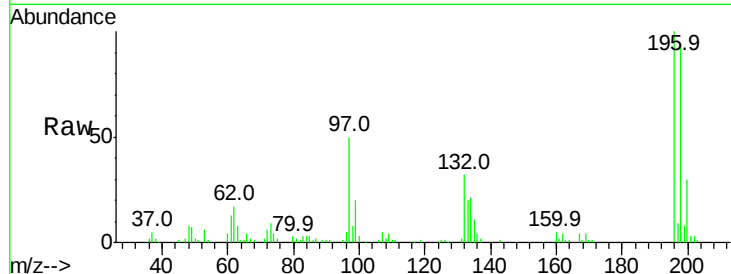




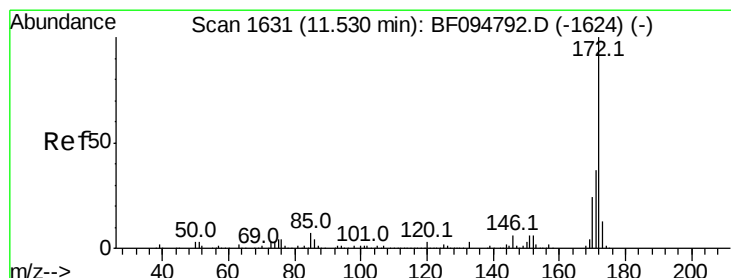
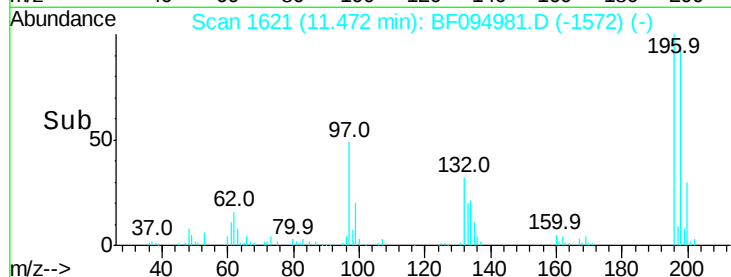
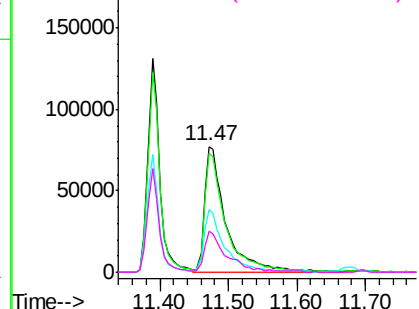
#43
 2,4,5-Trichlorophenol
 Concen: 44.56 ng
 RT: 11.47 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 166923
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 97 49.8 47.7 71.5
 132 32.1 28.0 42.0

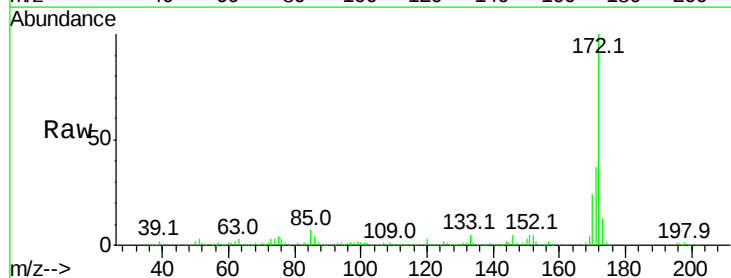


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

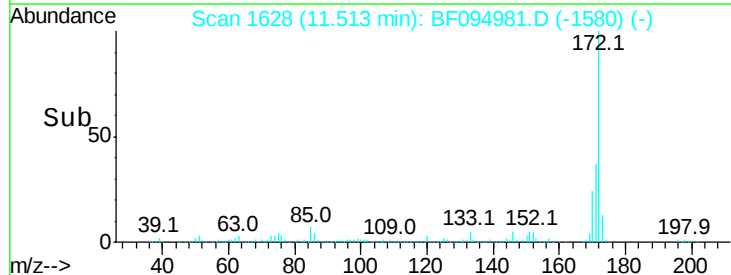
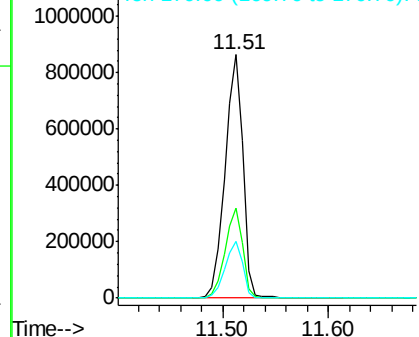


#44
 2-Fluorobiphenyl
 Concen: 86.32 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion:172 Resp: 1017981
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.5 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: 44.85 ng

RT: 11.66 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

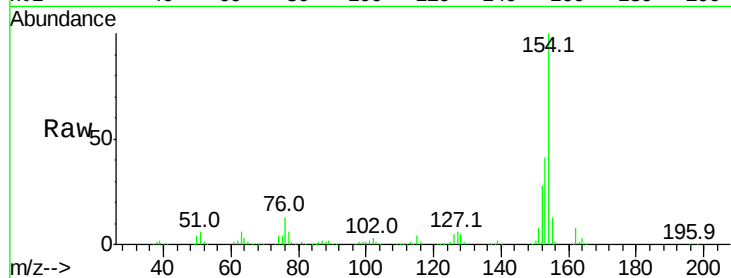
Tot Ion:154 Resp: 640960

Ion Ratio Lower Upper

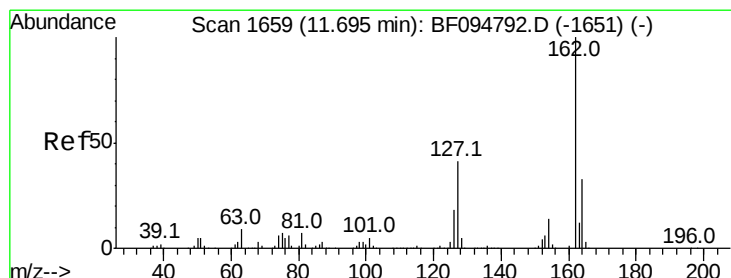
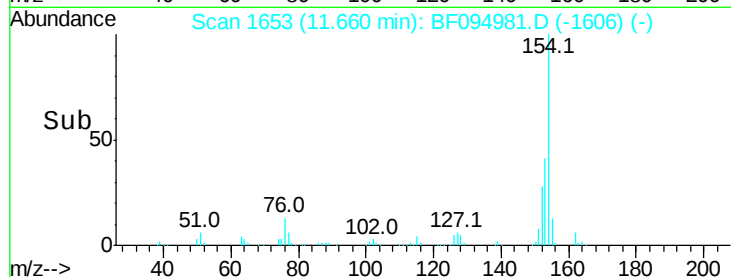
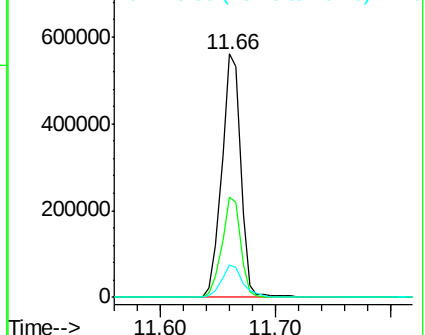
154 100

153 41.1 21.2 61.2

76 13.1 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: 44.24 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

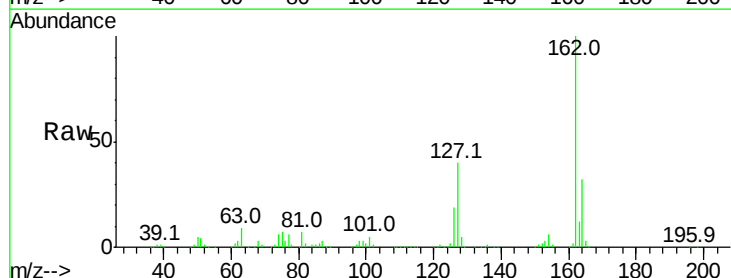
Tgt Ion:162 Resp: 510446

Ion Ratio Lower Upper

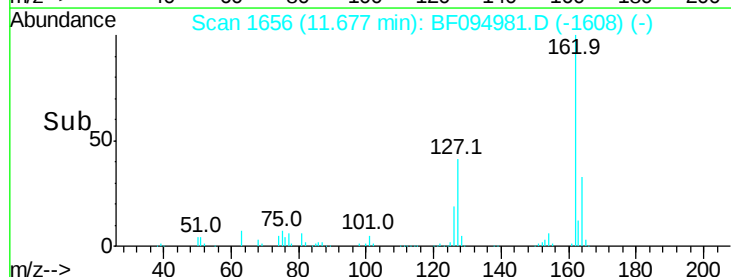
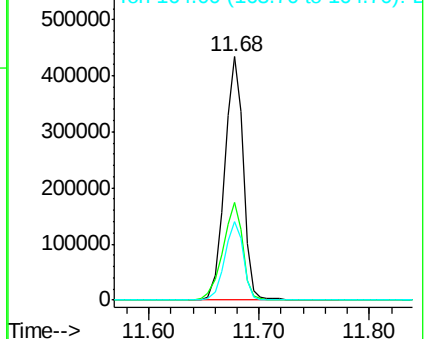
162 100

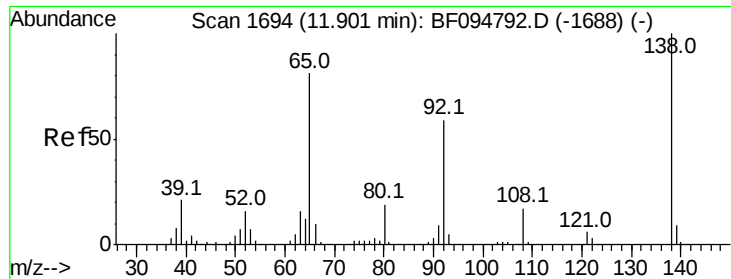
127 40.3 28.3 42.5

164 32.4 27.0 40.4



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





#47

2-Nitroaniline

Concen: 44.81 ng

RT: 11.89 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

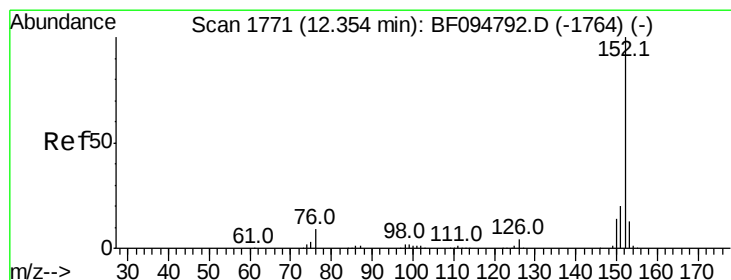
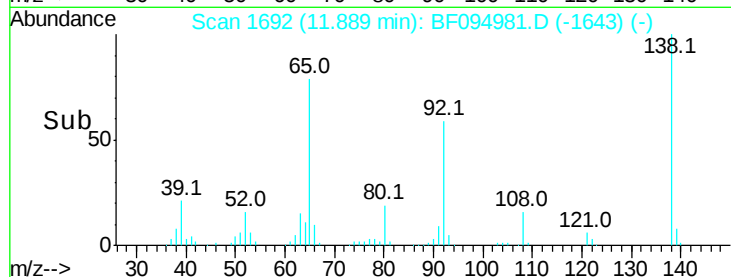
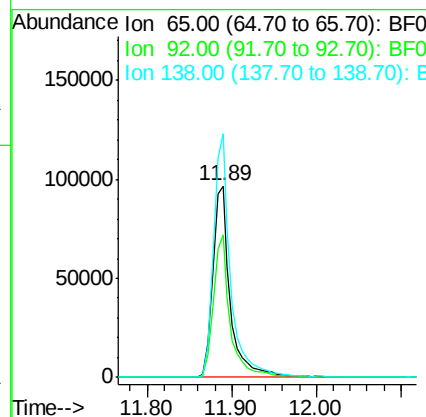
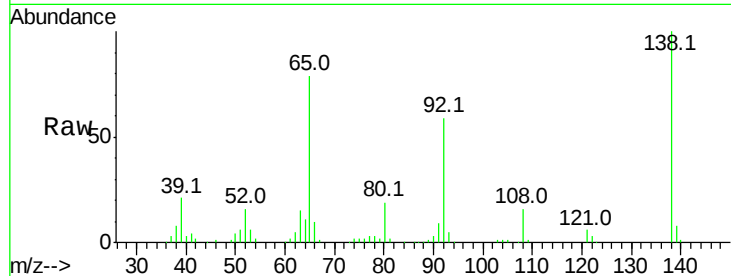
Tot Ion: 65 Resp: 141538

Ion Ratio Lower Upper

65 100

92 74.6 53.9 80.9

138 127.0 78.8 118.2#



#48

Acenaphthylene

Concen: 39.60 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

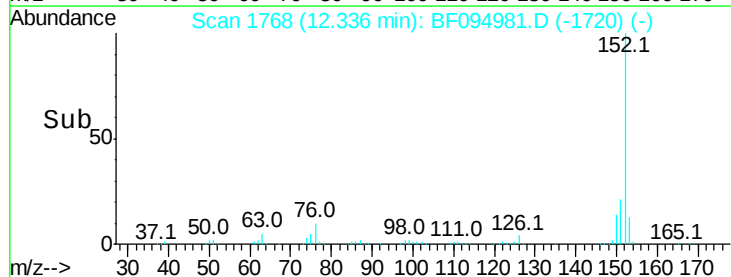
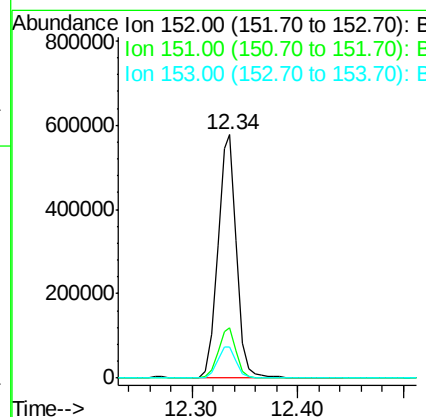
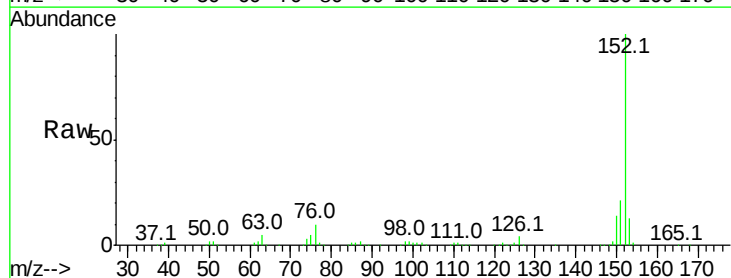
Tgt Ion: 152 Resp: 715662

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 43.97 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

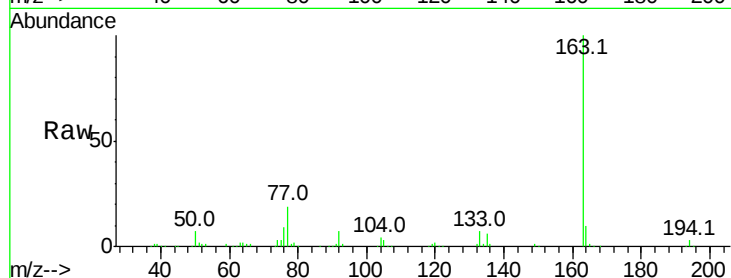
Tot Ion:163 Resp: 612740

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

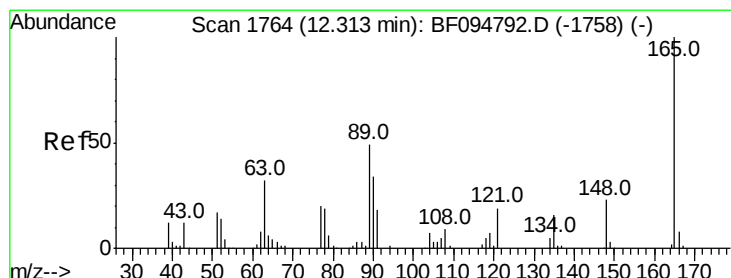
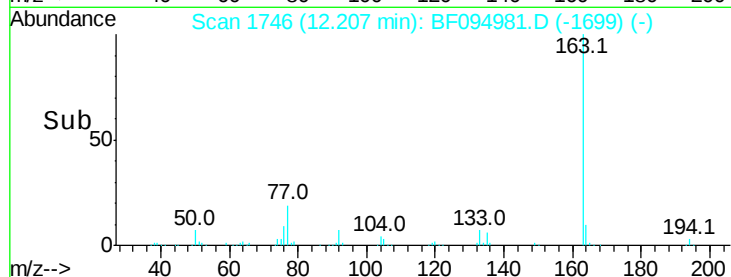
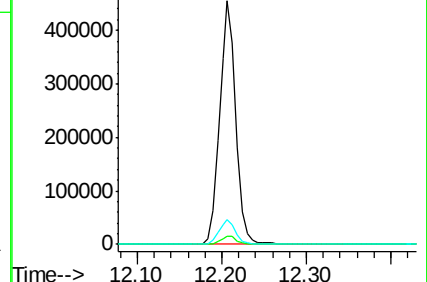
164 10.3 8.4 12.6



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: 41.39 ng

RT: 12.30 min Scan# 1761

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

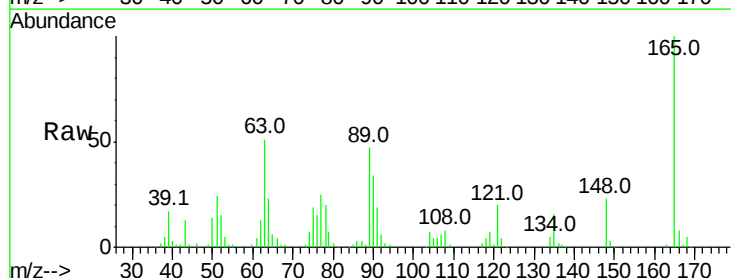
Tgt Ion:165 Resp: 117660

Ion Ratio Lower Upper

165 100

63 50.7 34.3 51.5

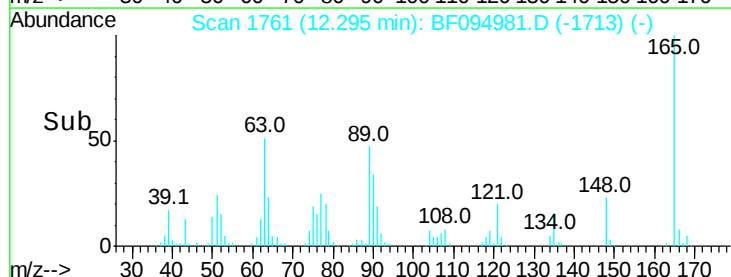
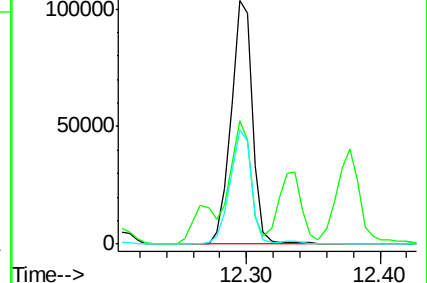
89 46.9 37.1 55.7

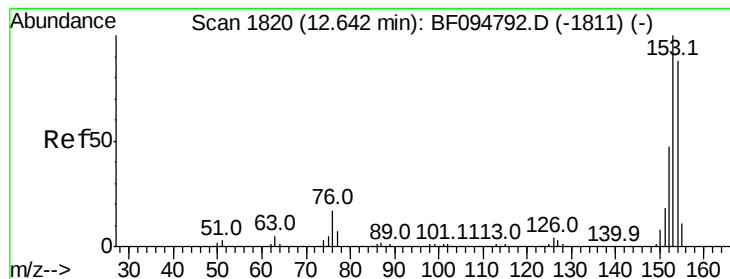


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.73 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

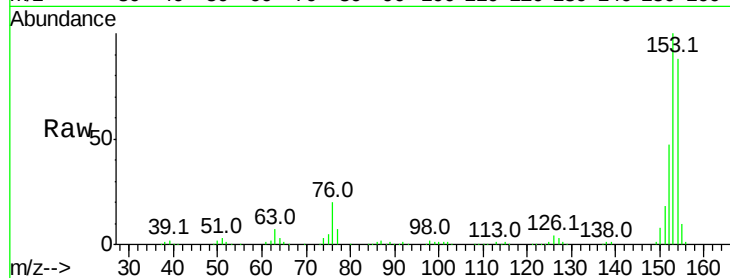
Tot Ion:154 Resp: 428862

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

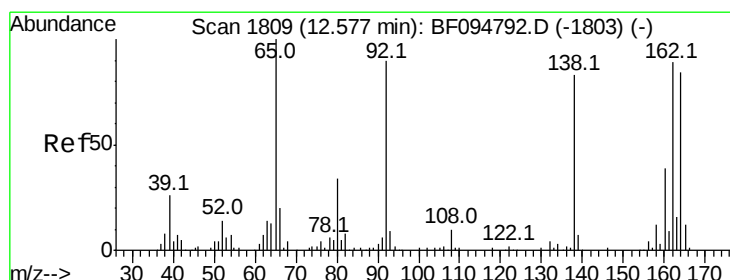
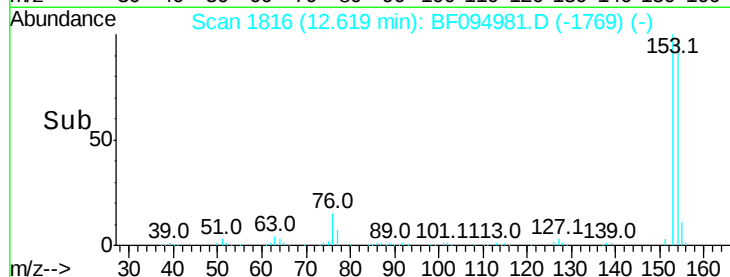
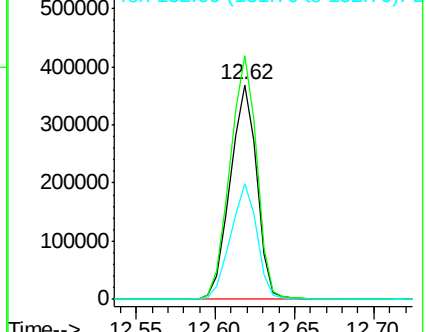
152 54.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.58 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

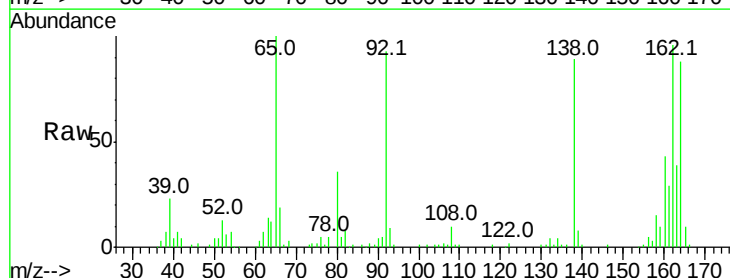
Tgt Ion:138 Resp: 129925

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

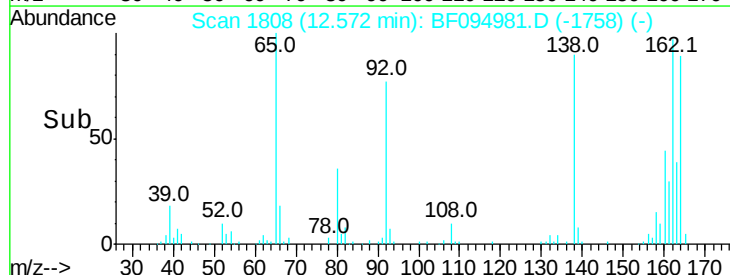
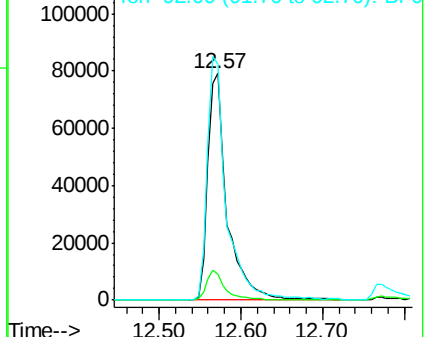
92 104.1 93.8 140.6

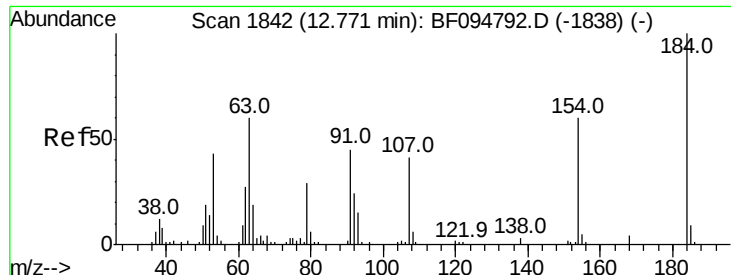


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

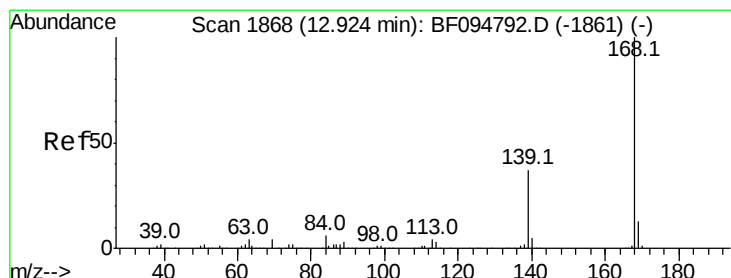
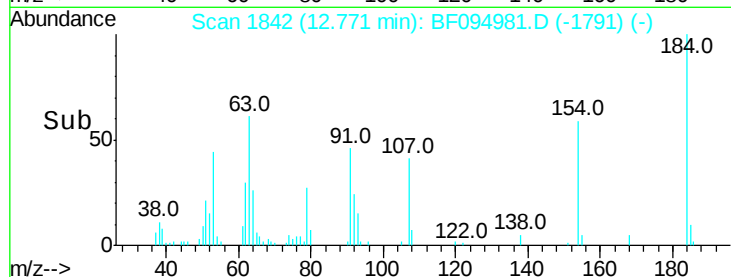
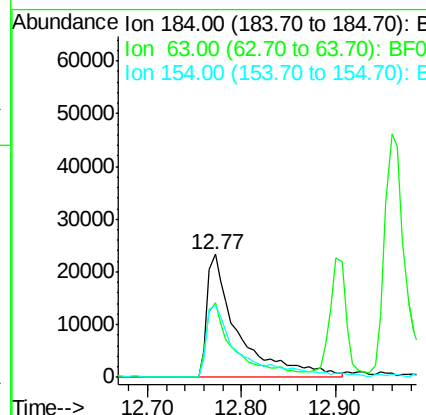
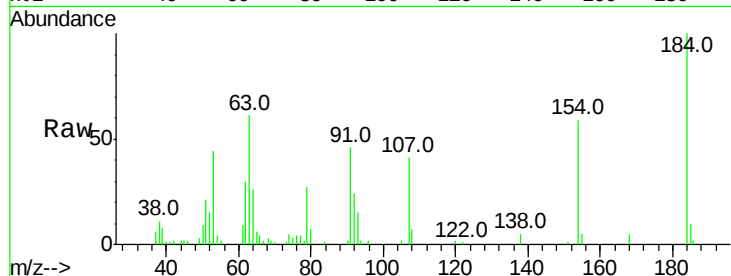




#53
 2,4-Dinitrophenol
 Concen: 38.06 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

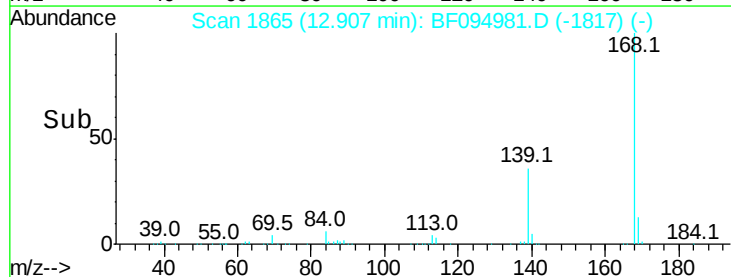
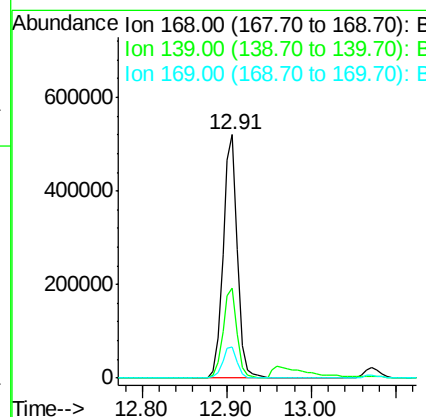
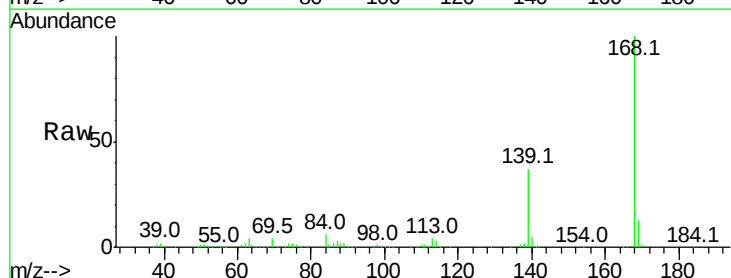
Instrument :
 BNA_F
 ClientSampled :

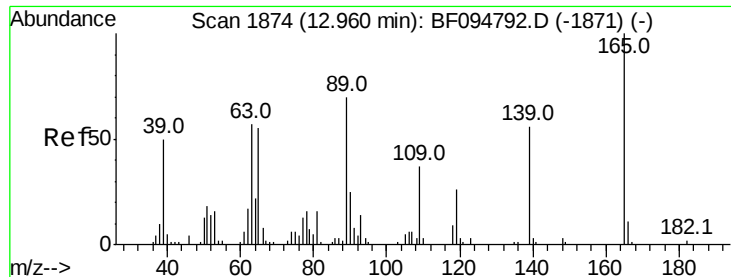
Tot Ion:184 Resp: 54029
 Ion Ratio Lower Upper
 184 100
 63 61.1 62.7 94.1#
 154 58.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.15 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion:168 Resp: 614698
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.6 45.8
 169 12.7 10.8 16.2

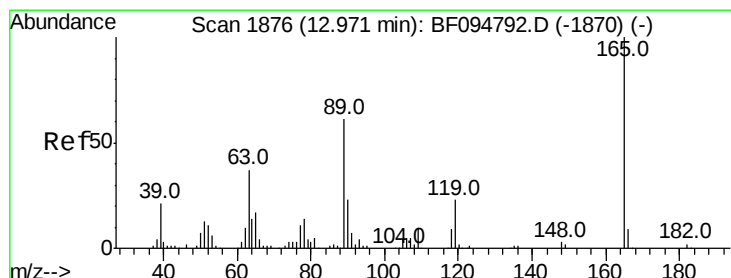
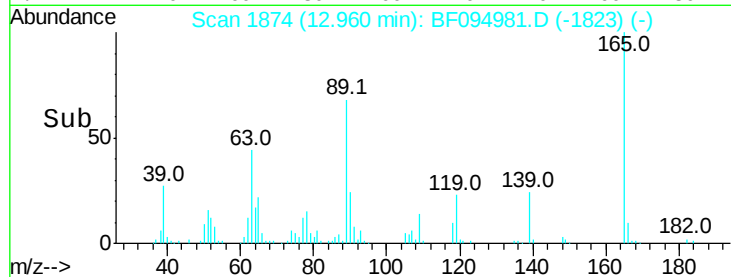
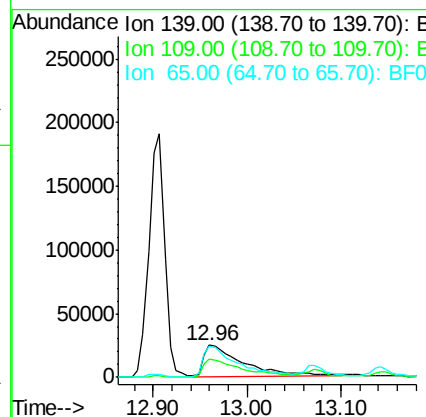
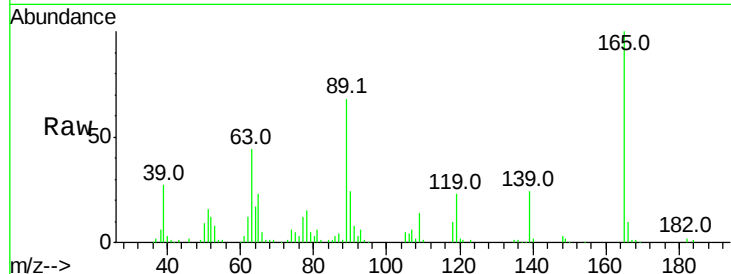




#55
4-Nitrophenol
Concen: 39.36 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

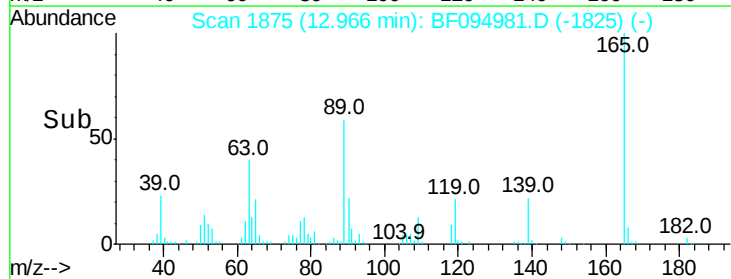
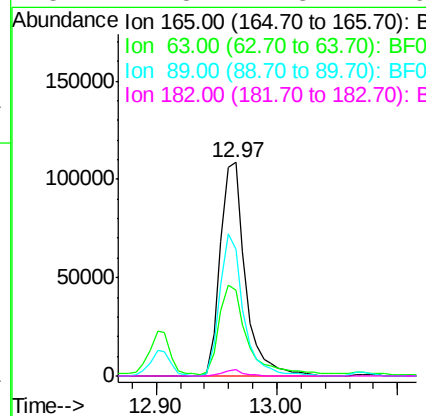
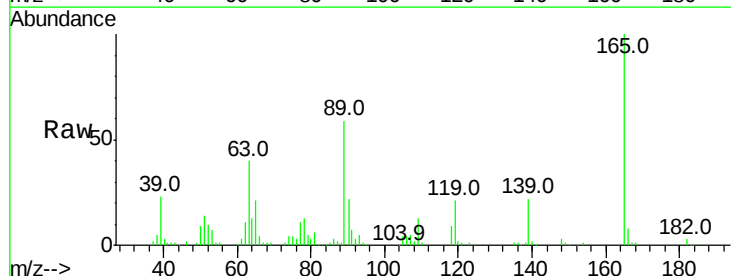
Instrument :
BNA_F
ClientSampled :

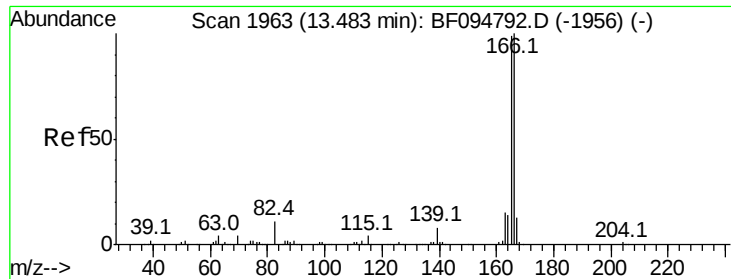
Tot Ion:139 Resp: 72136
Ion Ratio Lower Upper
139 100
109 59.0 34.1 74.1
65 99.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.54 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Tgt Ion:165 Resp: 155400
Ion Ratio Lower Upper
165 100
63 40.2 25.4 38.0#
89 59.1 46.4 69.6
182 2.8 1.8 2.6#





#57

Fluorene

Concen: 41.90 ng

RT: 13.46 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

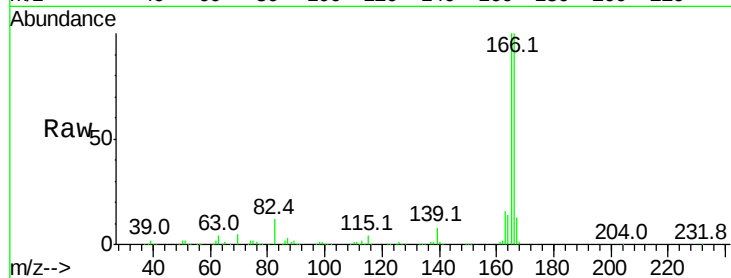
Tot Ion:166 Resp: 544306

Ion Ratio Lower Upper

166 100

165 99.7 78.8 118.2

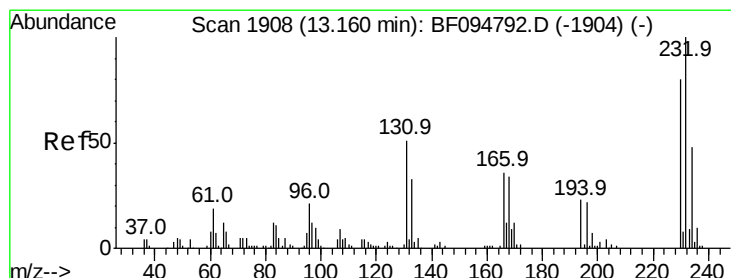
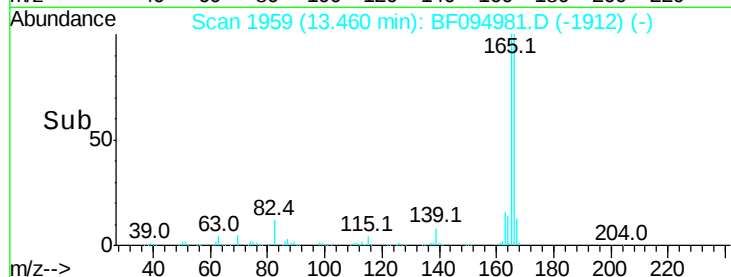
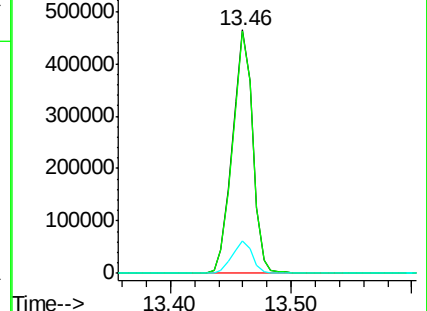
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.63 ng

RT: 13.14 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Tgt Ion:232 Resp: 105218

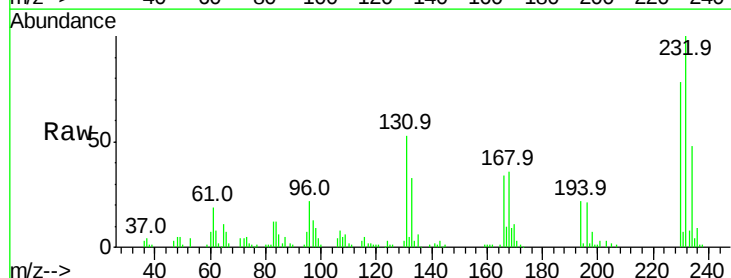
Ion Ratio Lower Upper

232 100

131 50.6 44.8 67.2

130 2.2 2.3 3.5#

166 35.9 29.0 43.4

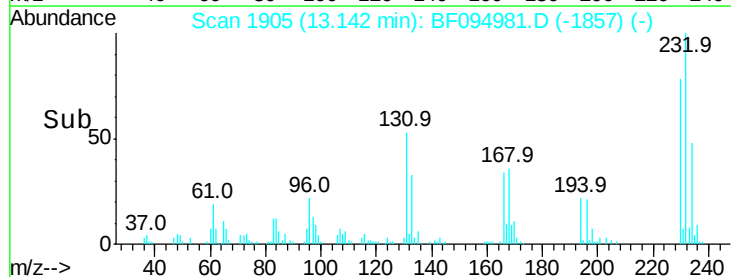
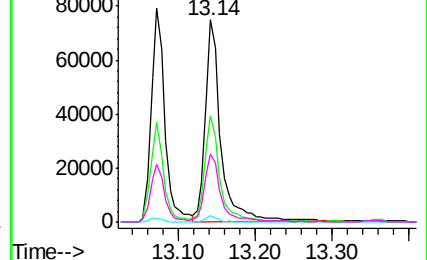


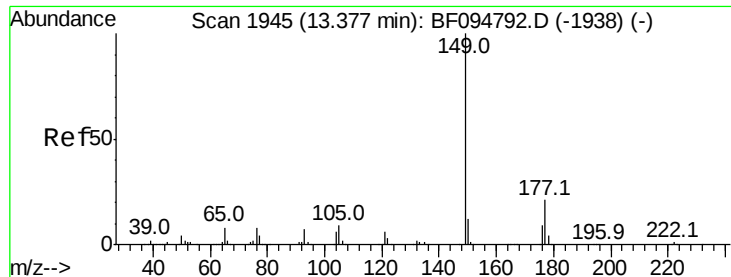
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

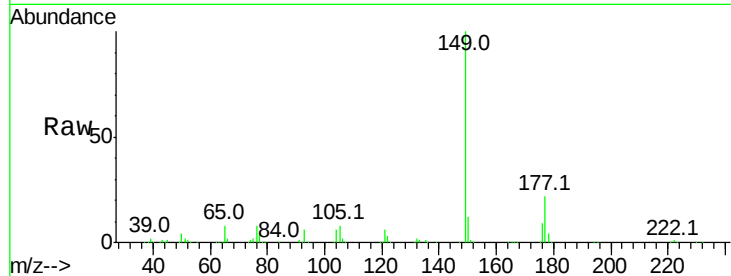




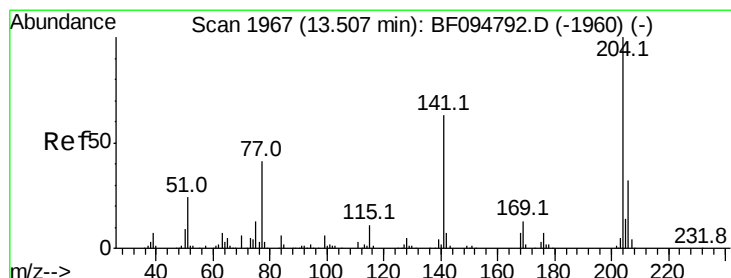
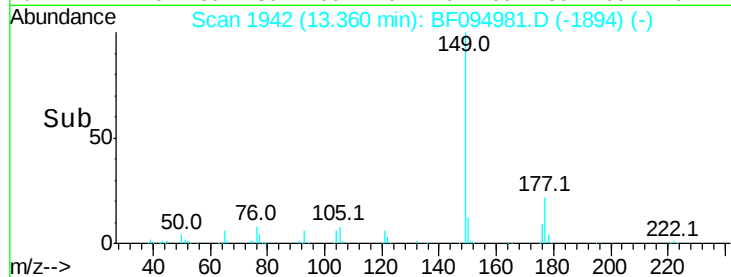
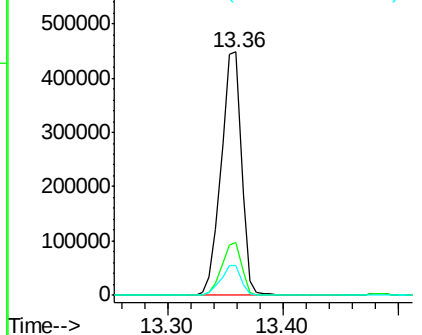
#59
Diethylphthalate
Concen: 41.32 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 551883
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.0 10.2 15.2

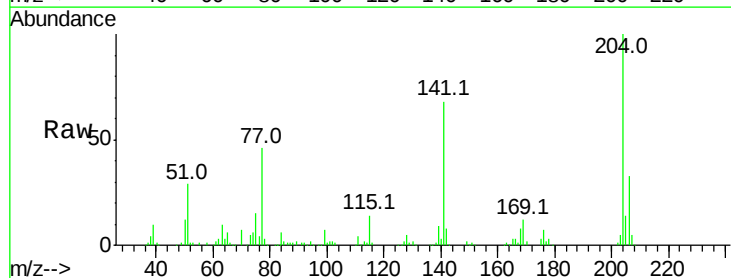


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

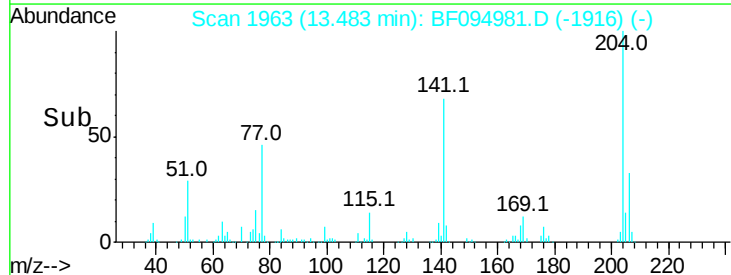
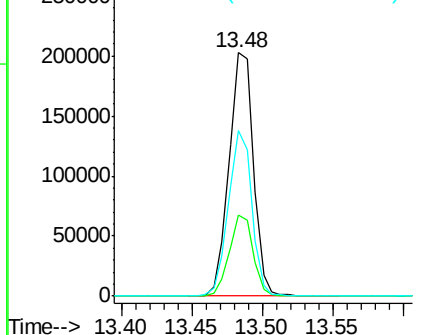


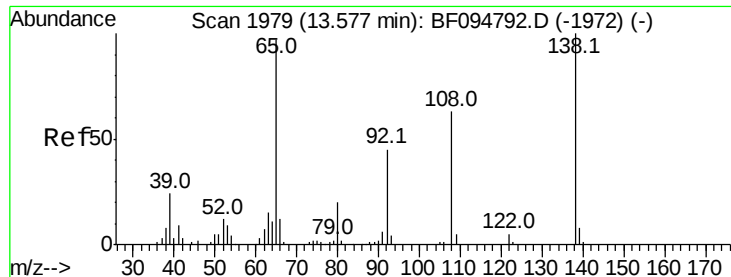
#60
4-Chlorophenyl-phenylether
Concen: 42.78 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Tgt Ion:204 Resp: 244197
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 67.7 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

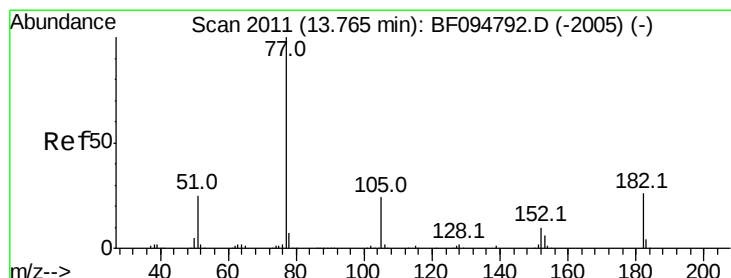
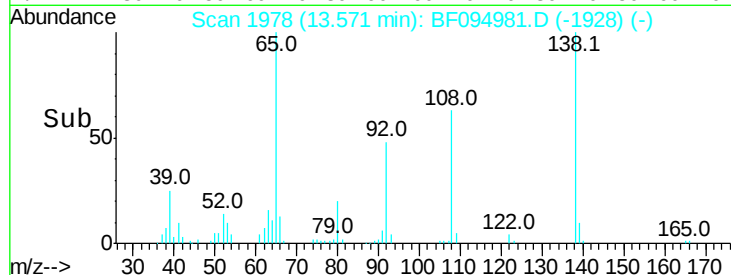
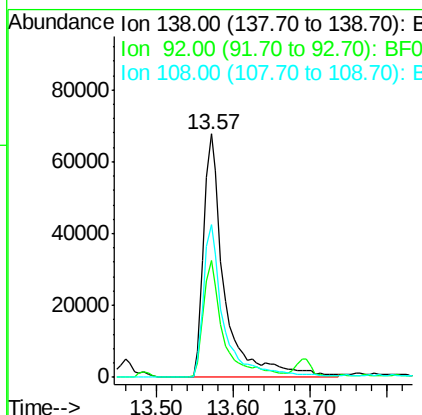
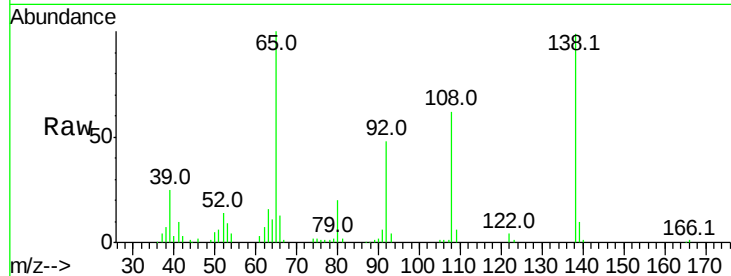




#61
4-Nitroaniline
Concen: 45.98 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

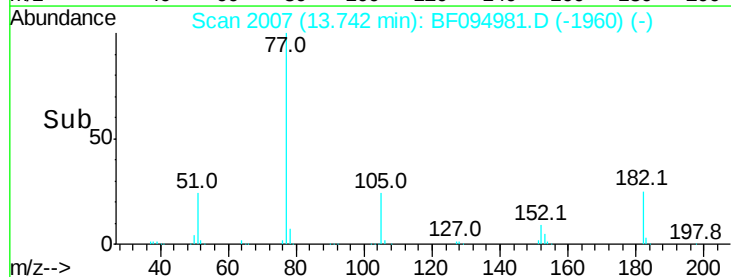
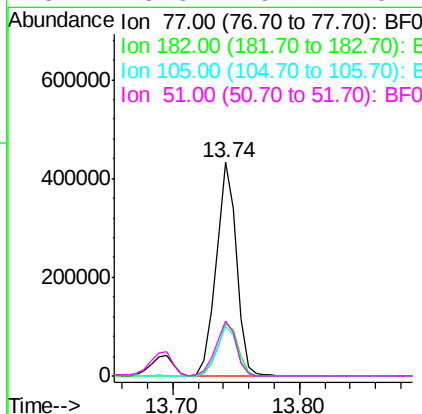
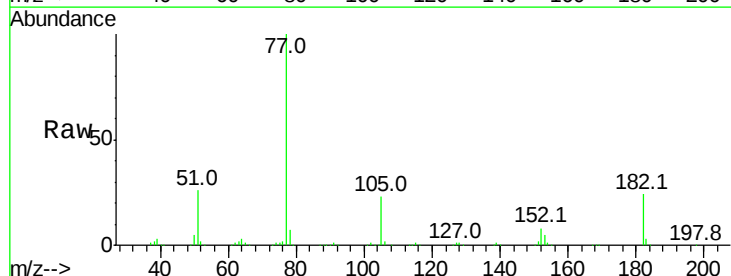
Instrument :
BNA_F
ClientSampled :

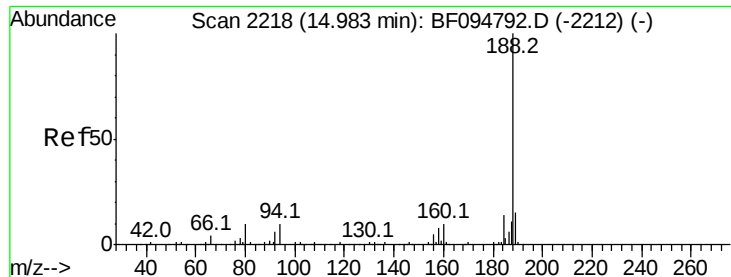
Tot Ion:138 Resp: 128805
Ion Ratio Lower Upper
138 100
92 48.1 21.8 61.8
108 62.8 42.3 82.3



#62
Azobenzene
Concen: 45.26 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Tgt Ion: 77 Resp: 485683
Ion Ratio Lower Upper
77 100
182 24.5 0.1 40.1
105 23.3 3.6 43.6
51 25.6 9.4 49.4

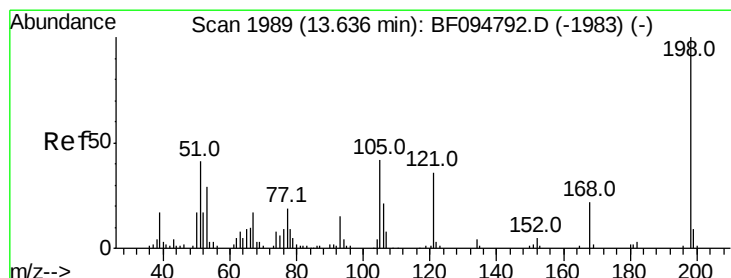
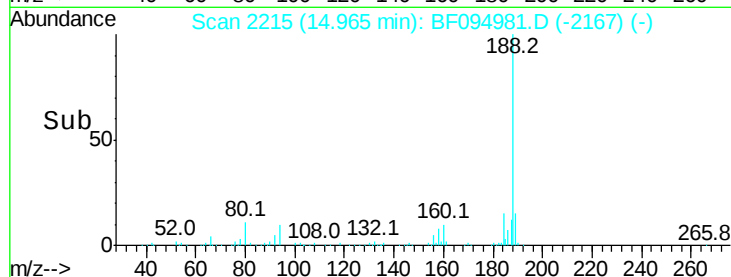
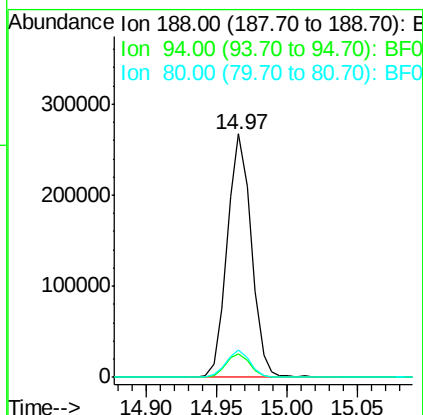
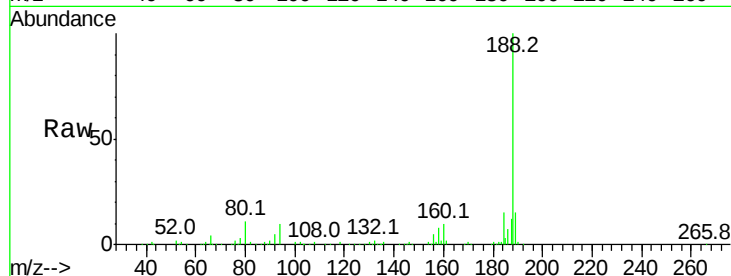




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

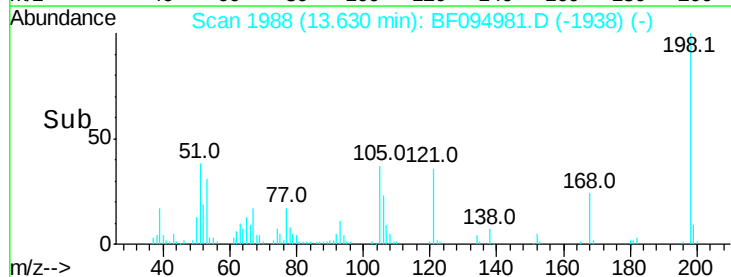
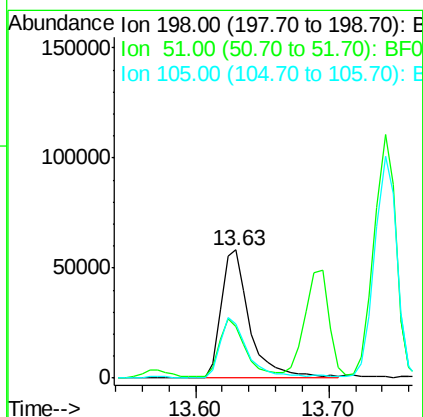
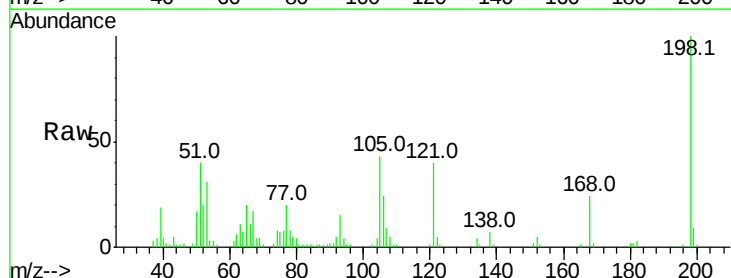
Instrument :
BNA_F
ClientSampleId :

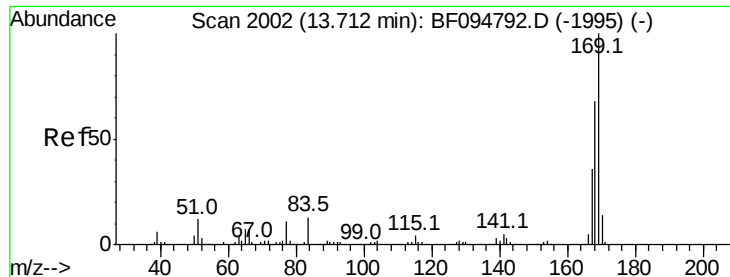
Tot Ion:188 Resp: 317959
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 11.4 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.08 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Tgt Ion:198 Resp: 87569
Ion Ratio Lower Upper
198 100
51 40.4 53.2 93.2#
105 42.6 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 41.77 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

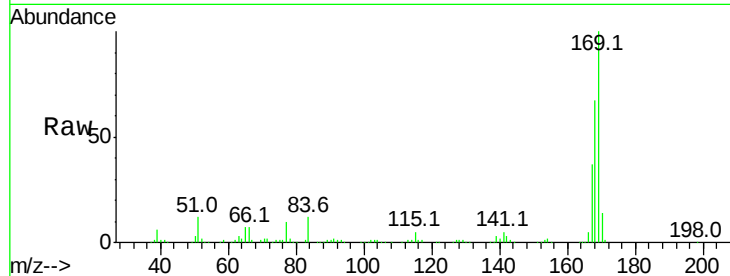
Tot Ion:169 Resp: 482069

Ion Ratio Lower Upper

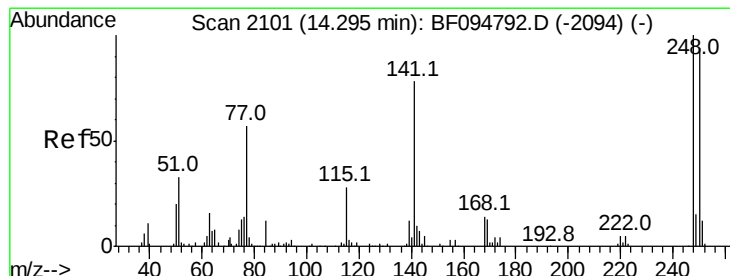
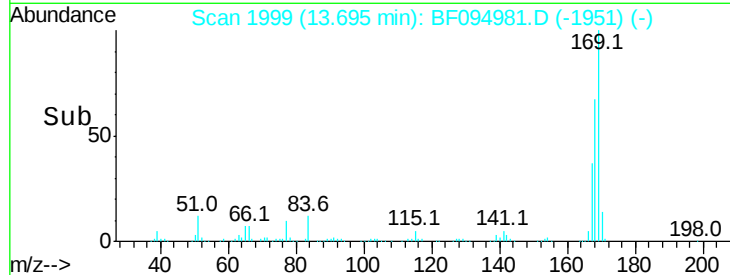
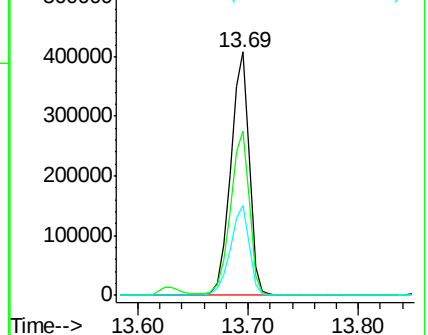
169 100

168 67.4 53.2 79.8

167 36.9 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 41.78 ng

RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

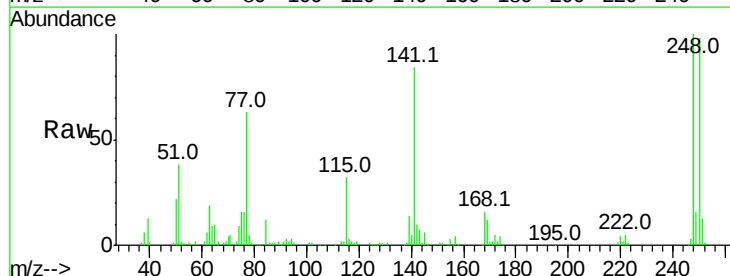
Tgt Ion:248 Resp: 140358

Ion Ratio Lower Upper

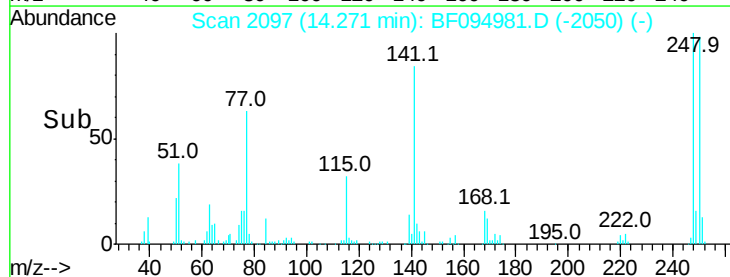
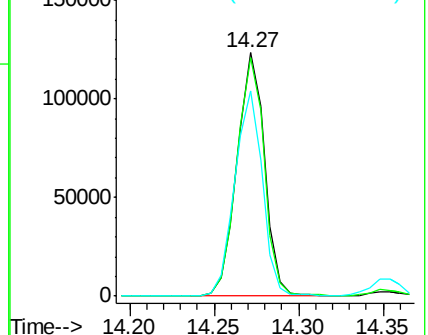
248 100

250 97.7 76.8 115.2

141 84.2 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 42.44 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

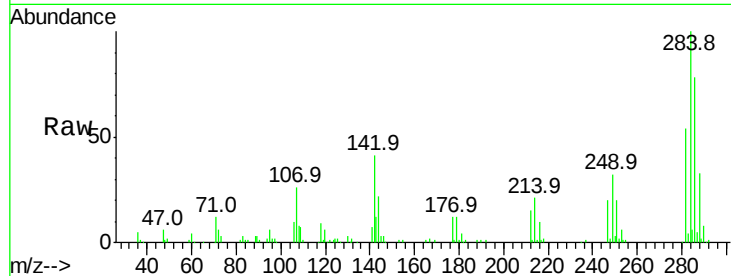
Tot Ion:284 Resp: 146094

Ion Ratio Lower Upper

284 100

142 41.0 22.8 34.2#

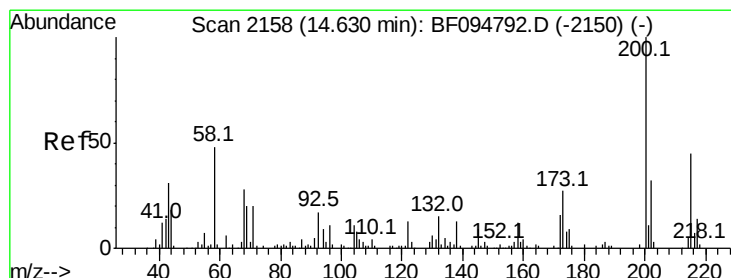
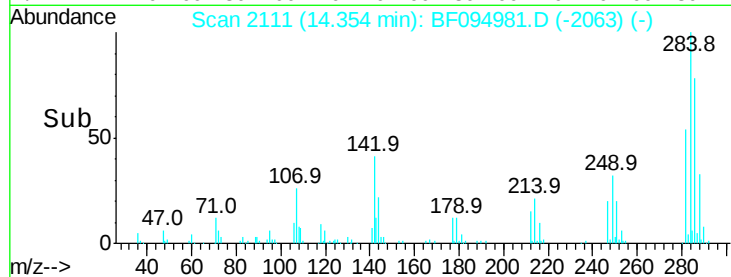
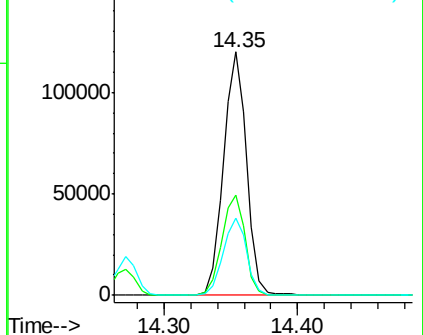
249 31.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.53 ng

RT: 14.61 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

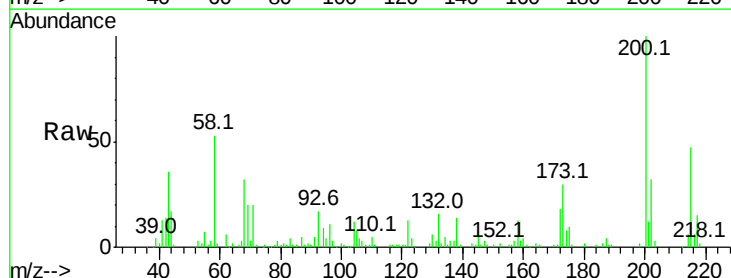
Tgt Ion:200 Resp: 135323

Ion Ratio Lower Upper

200 100

173 29.5 6.3 46.3

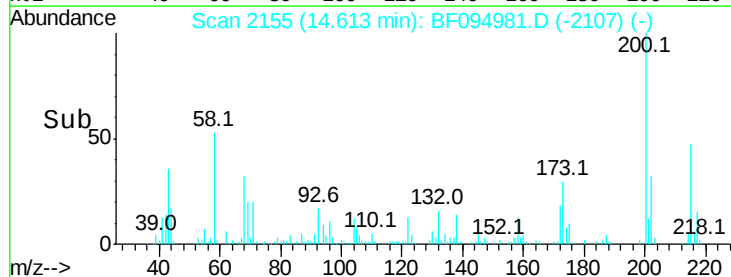
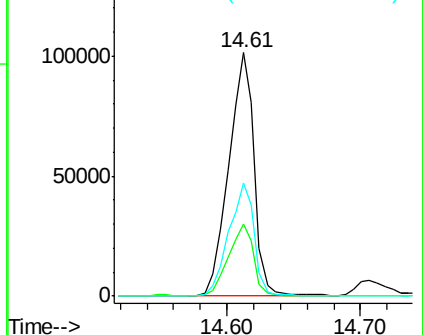
215 46.5 27.2 67.2



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

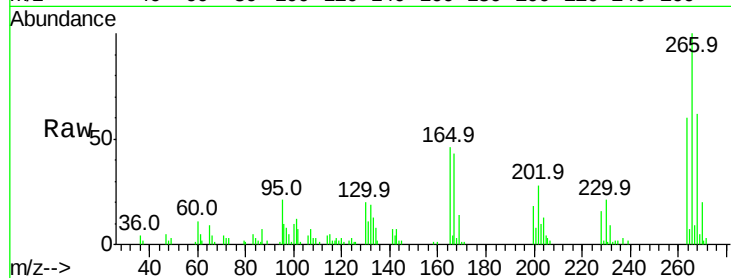




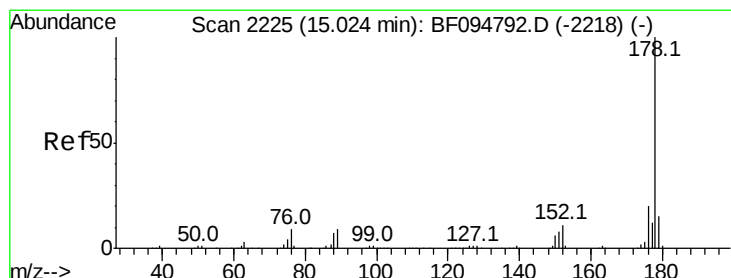
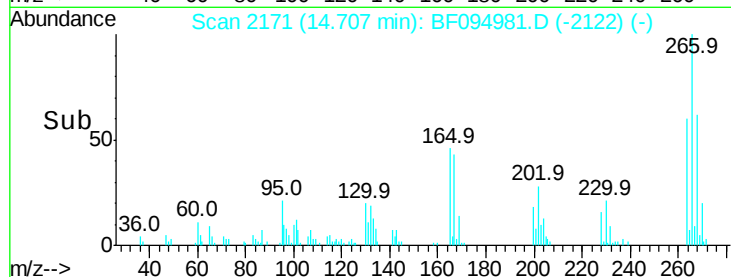
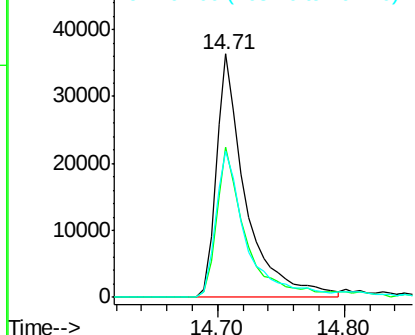
#69
 Pentachlorophenol
 Concen: 40.72 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 58549
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 60.3 51.7 77.5

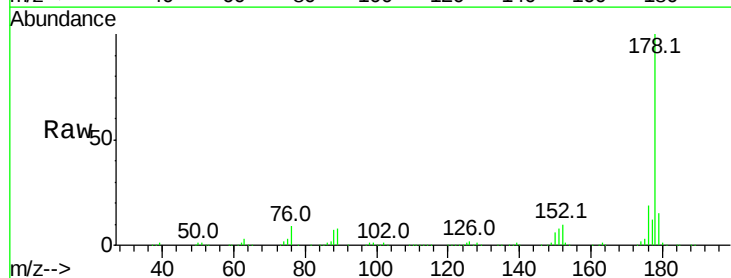


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

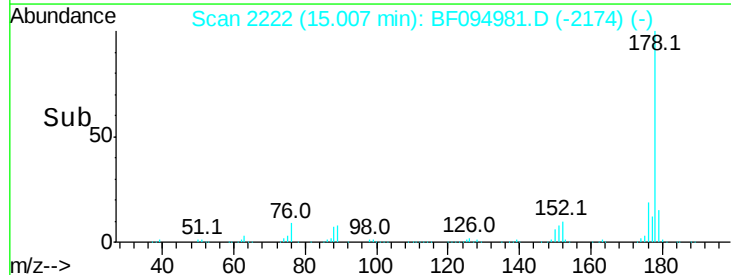
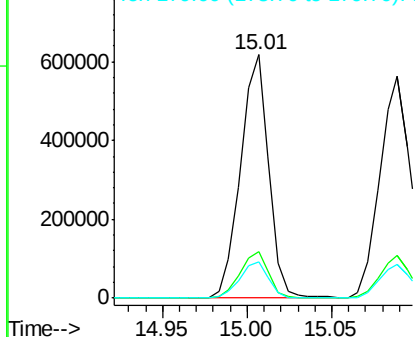


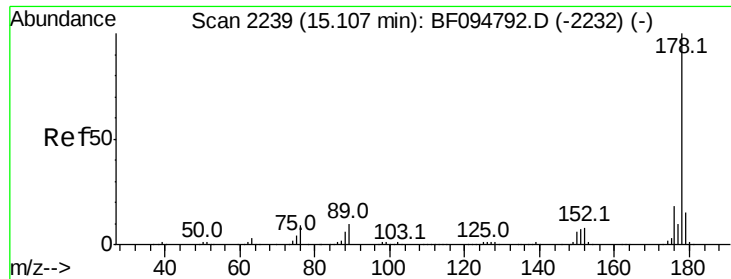
#70
 Phenanthrene
 Concen: 39.36 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion:178 Resp: 719070
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.1 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

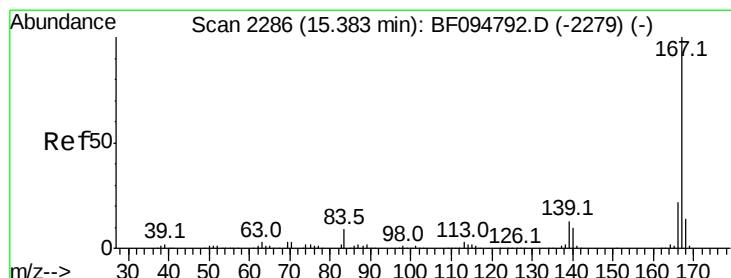
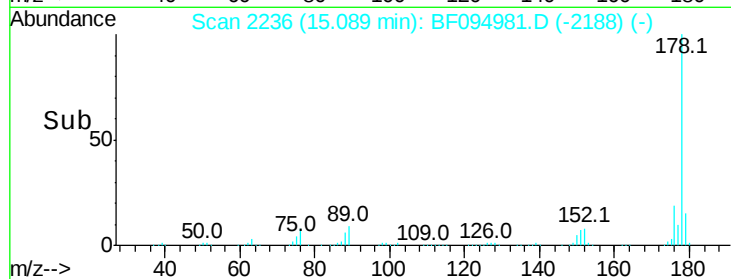
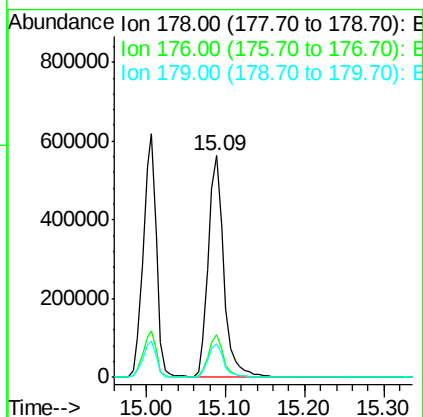
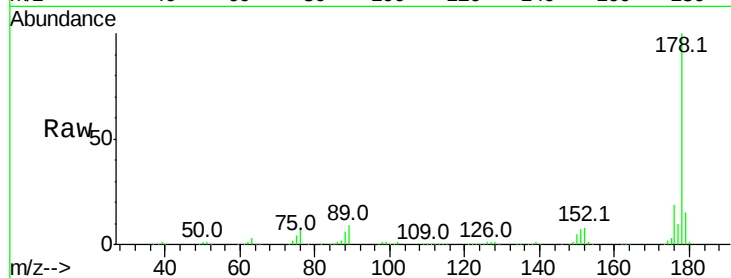




#71
 Anthracene
 Concen: 41.32 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

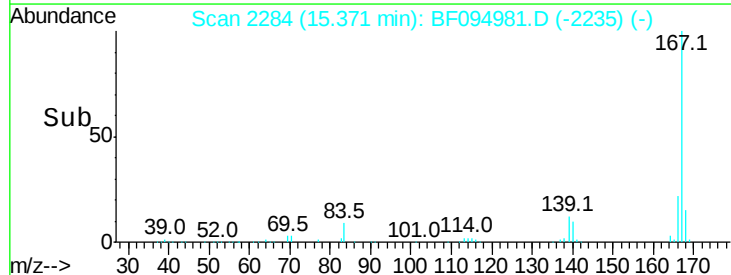
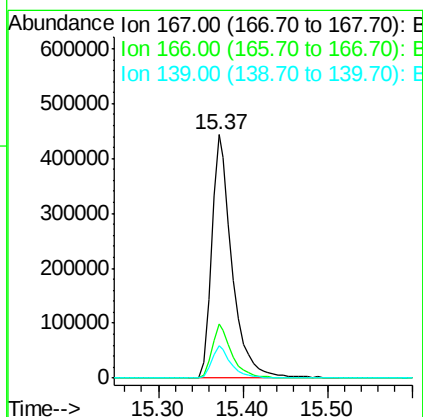
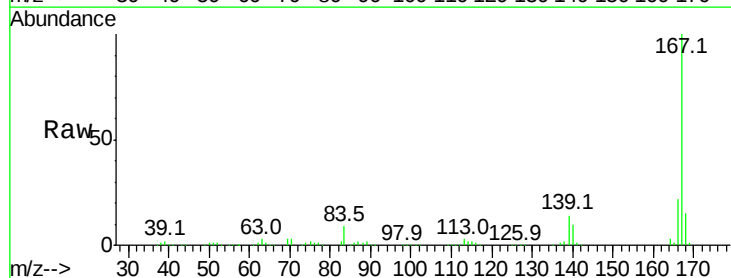
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 771098
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 44.21 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion:167 Resp: 750603
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.5 11.7 17.5

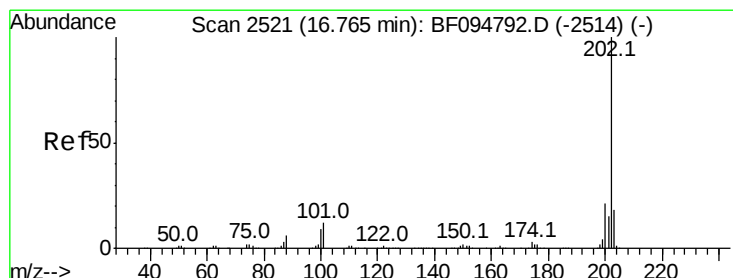
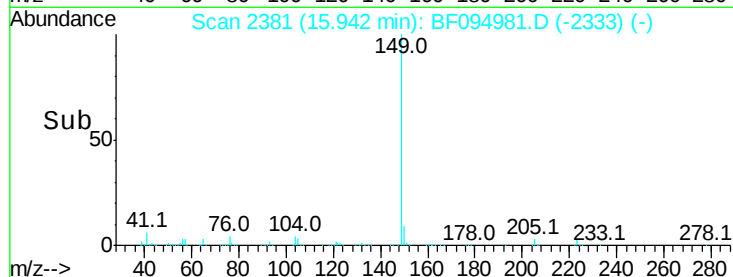
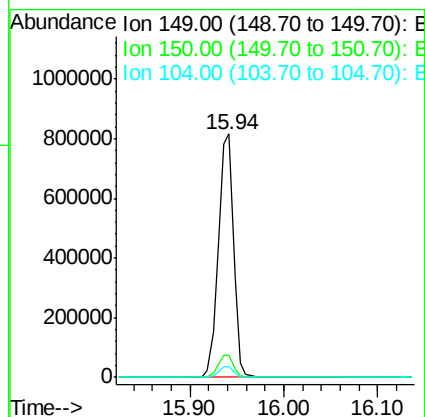
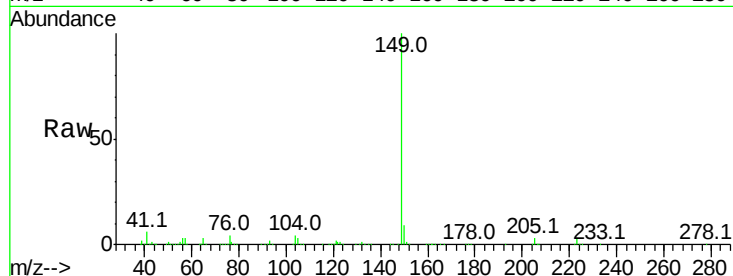




#73
Di-n-butylphthalate
Concen: 44.23 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

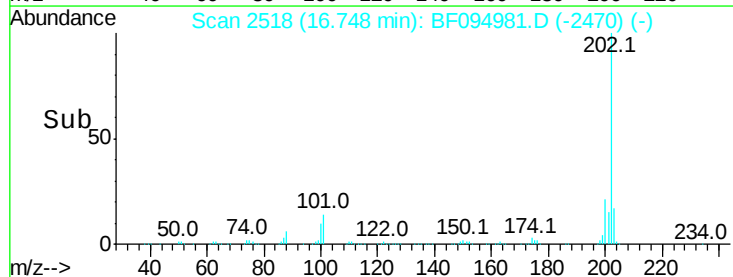
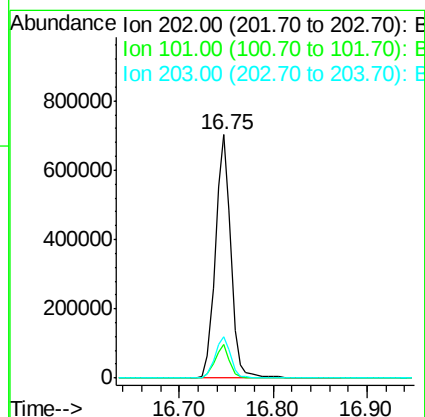
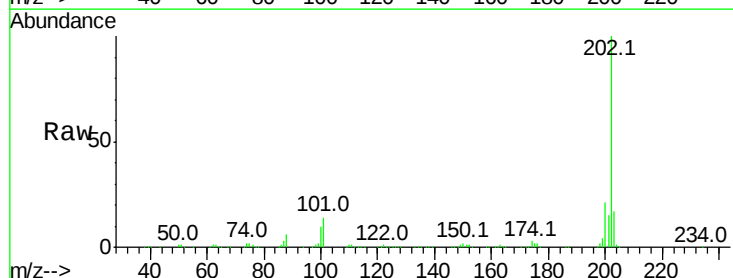
Instrument :
BNA_F
ClientSampled :

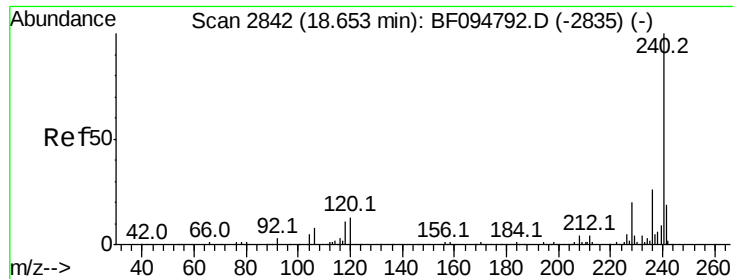
Tot Ion:149 Resp: 936509
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 43.54 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Tgt Ion:202 Resp: 815867
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 16.9 0.0 38.1

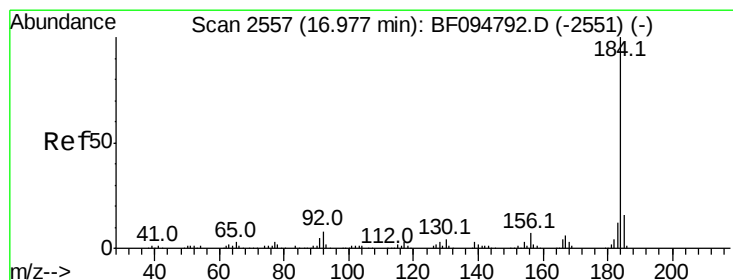
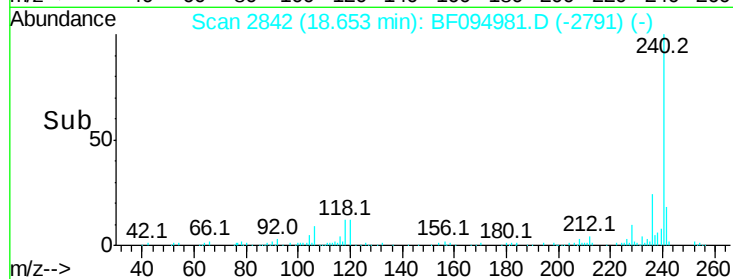
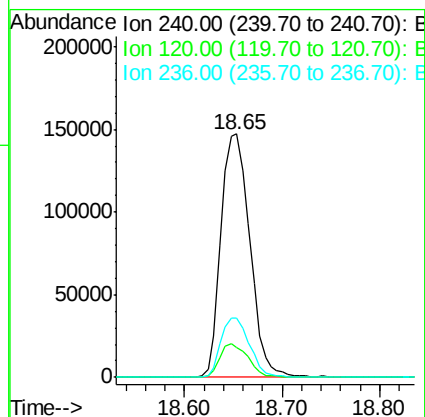
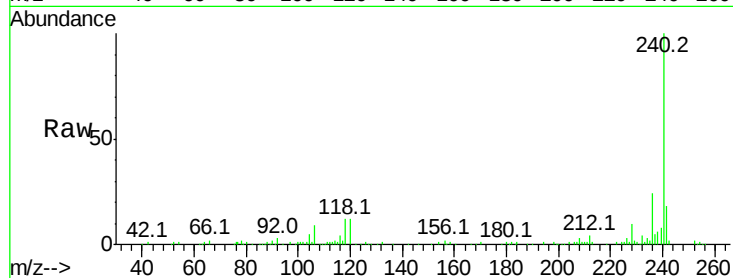




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

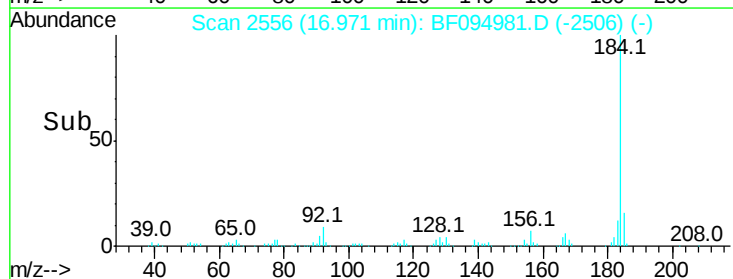
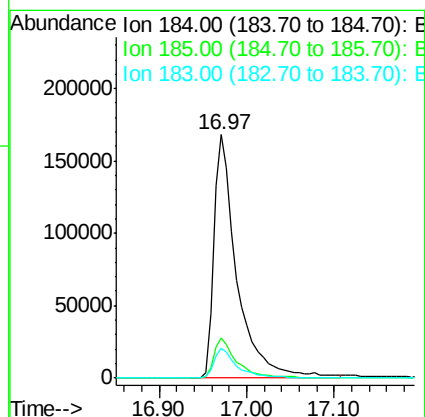
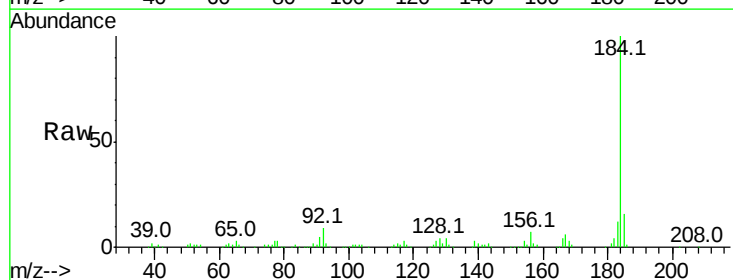
Instrument :
 BNA_F
 ClientSampleId :

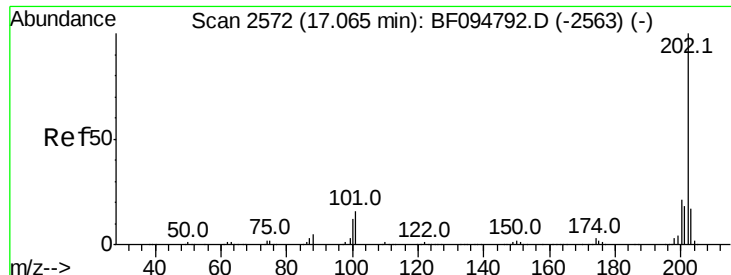
Tot Ion:240 Resp: 304399
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.8 8.8#
 236 24.2 20.5 30.7



#76
 Benzidine
 Concen: 38.82 ng
 RT: 16.97 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion:184 Resp: 307520
 Ion Ratio Lower Upper
 184 100
 185 16.2 15.5 23.3
 183 12.5 9.8 14.6

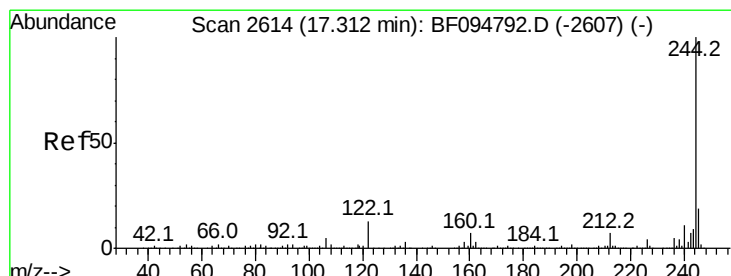
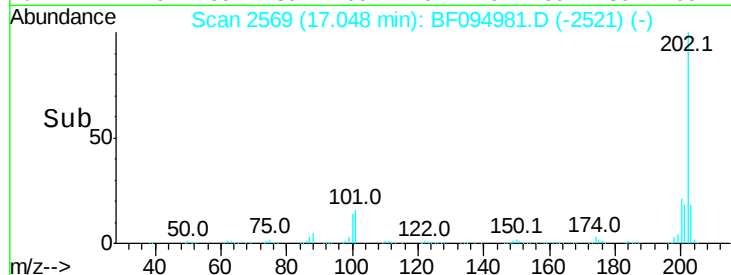
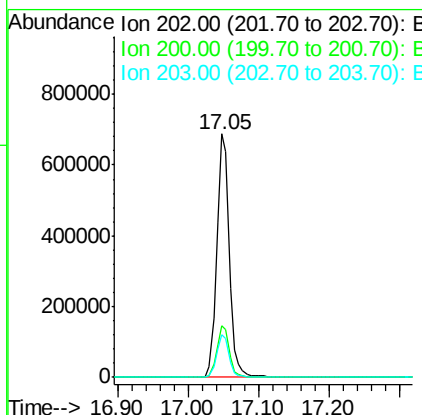
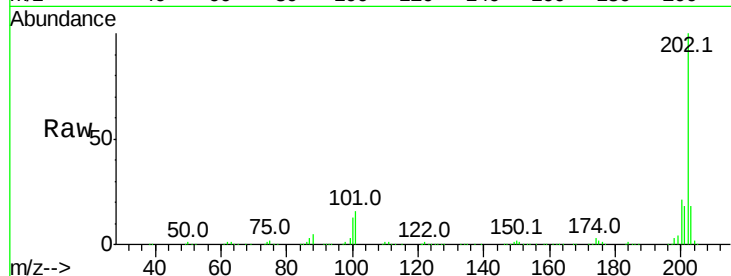




#77
 Pvrene
 Concen: 37.20 ng
 RT: 17.05 min Scan# 2569
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

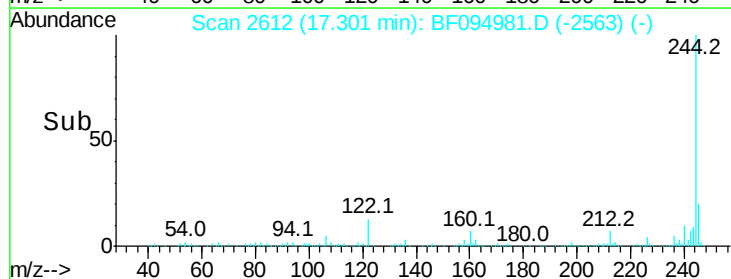
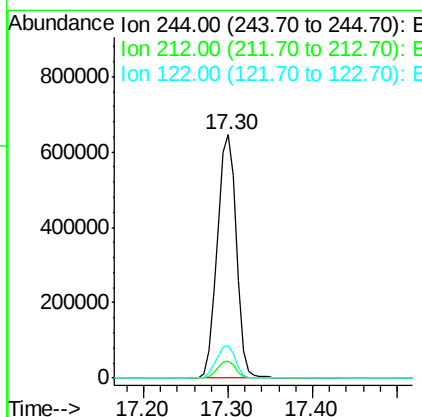
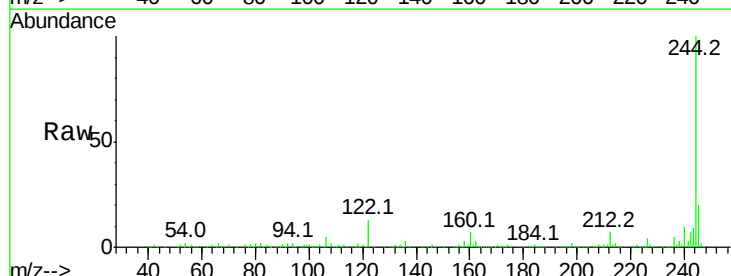
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 846789
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.6 26.4
 203 17.6 14.4 21.6



#78
 Terphenyl-d14
 Concen: 74.69 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion:244 Resp: 1032216
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.5 10.3 15.5

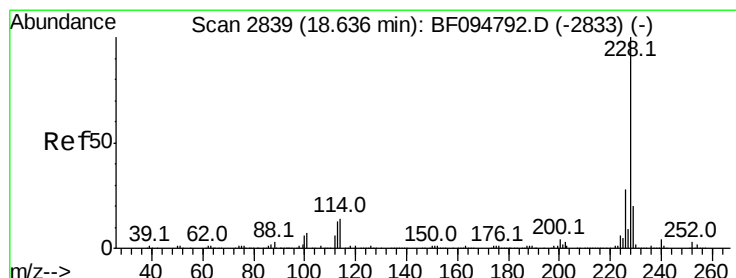
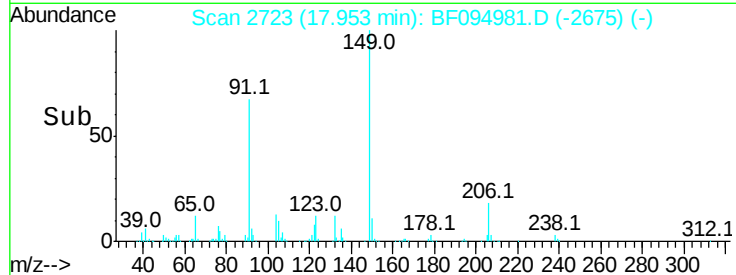
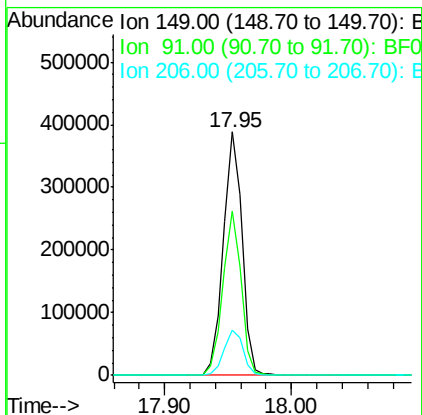
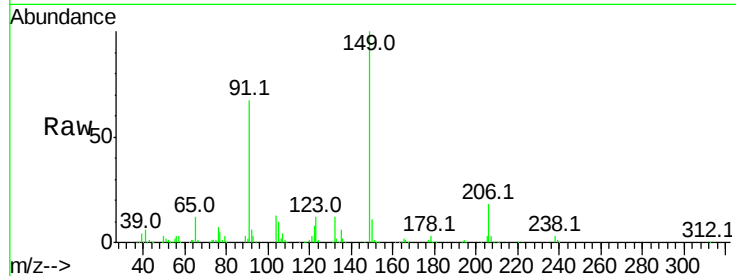




#79
Butylbenzylphthalate
Concen: 37.77 ng
RT: 17.95 min Scan# 2723
Delta R.T. -0.02 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

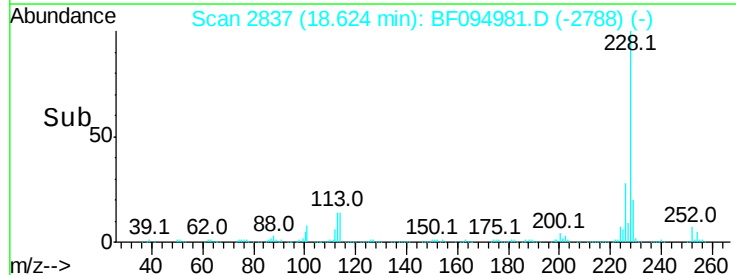
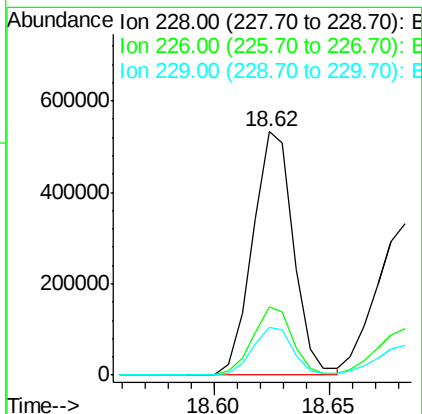
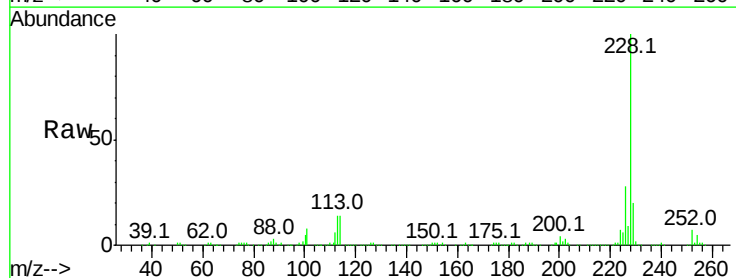
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.3	45.0	67.4
206	18.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 37.10 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094981.D
Acq: 8 May 2017 15:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.8	16.3	24.5

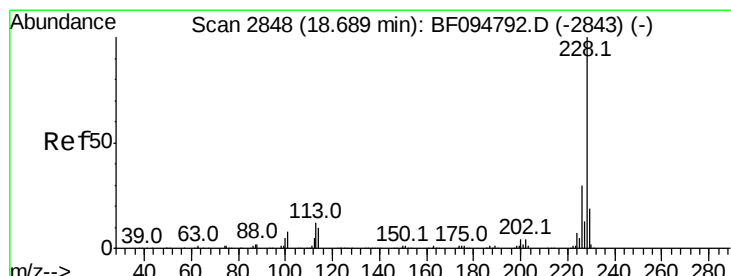
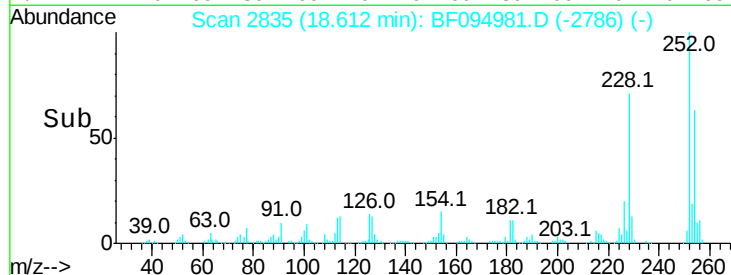
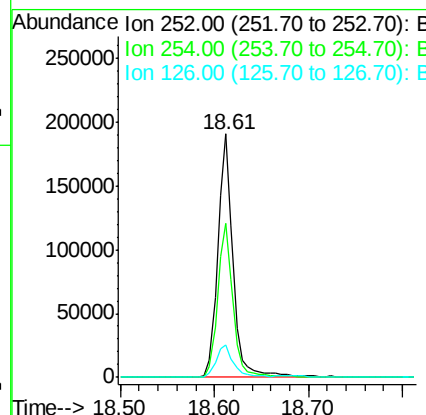
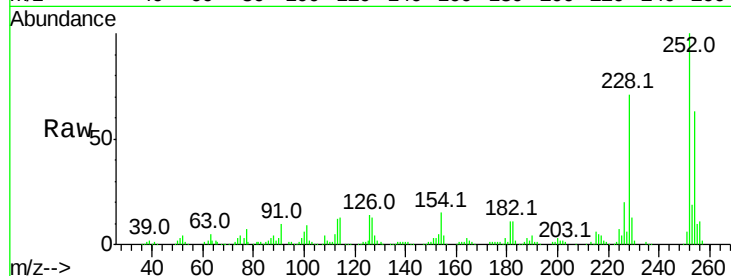




#81
 3,3'-Dichlorobenzidine
 Concen: 35.99 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

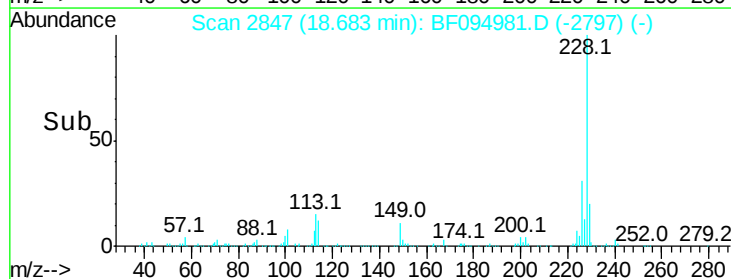
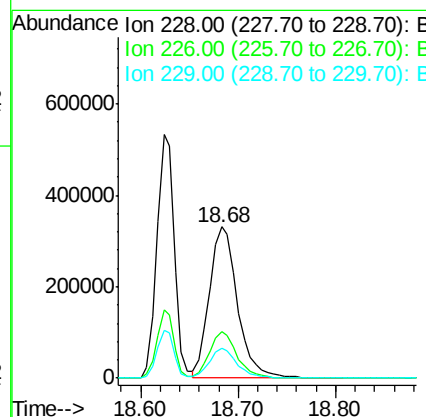
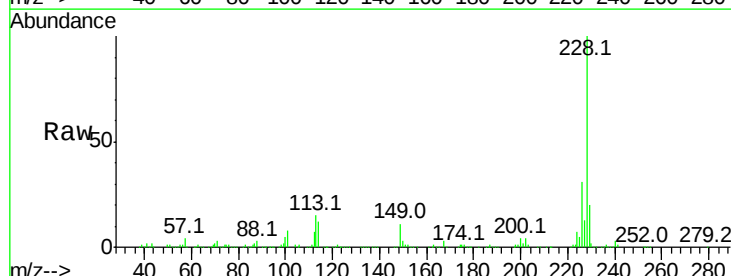
Instrument :
 BNA_F
 ClientSampled :

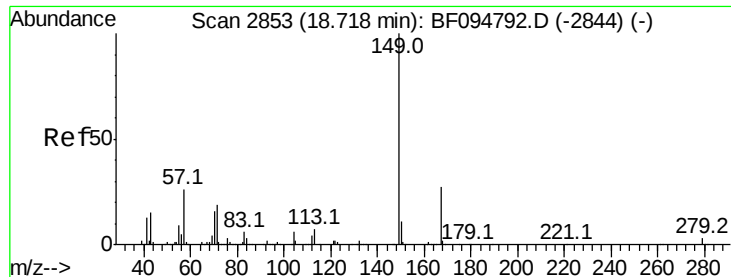
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.5	77.3
126	13.6	15.8	23.8



#82
 Chrysene
 Concen: 38.45 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.7	15.8	23.6

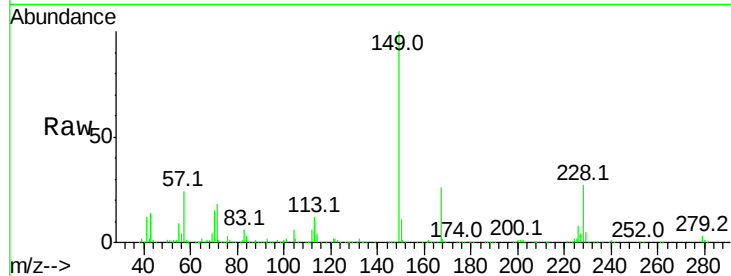




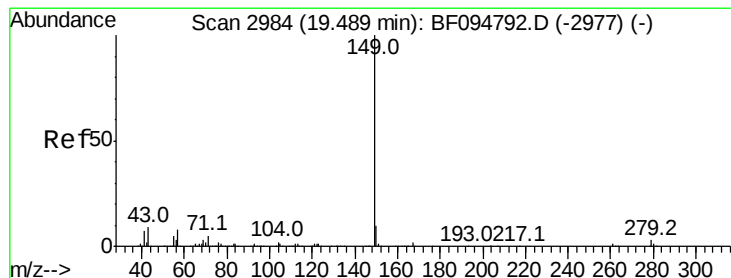
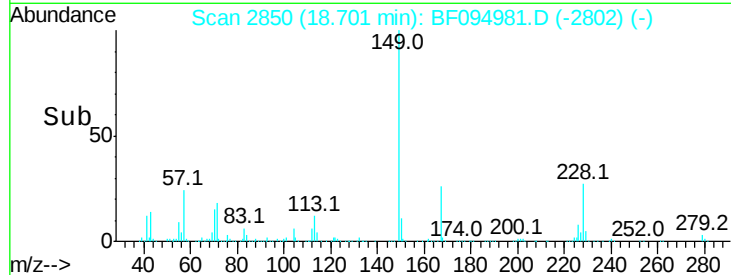
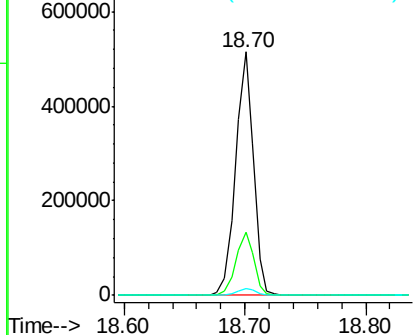
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.25 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 531848
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.4
 279 3.0 1.9 2.9#

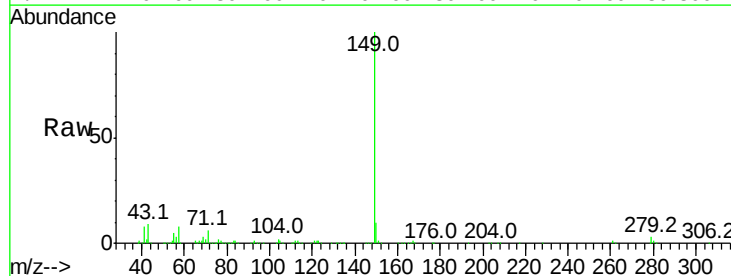


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

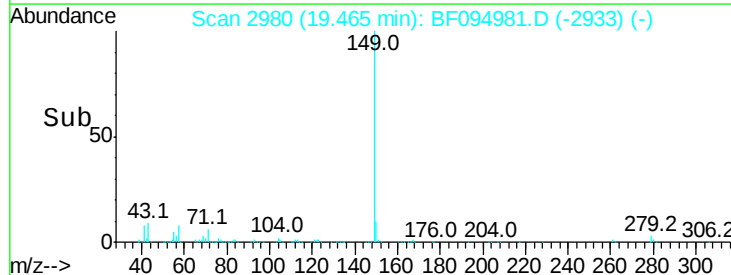
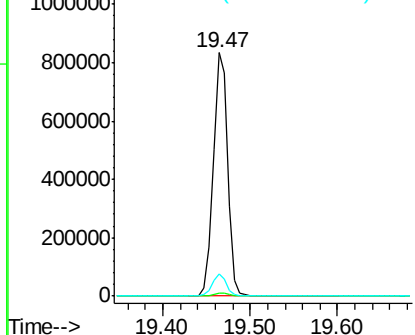


#84
 Di-n-octyl phthalate
 Concen: 38.52 ng
 RT: 19.47 min Scan# 2980
 Delta R.T. -0.02 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion:149 Resp: 952919
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7



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

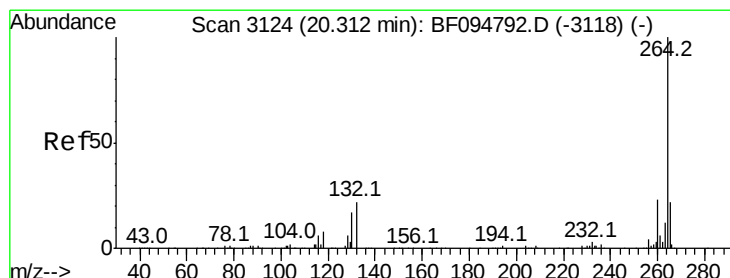
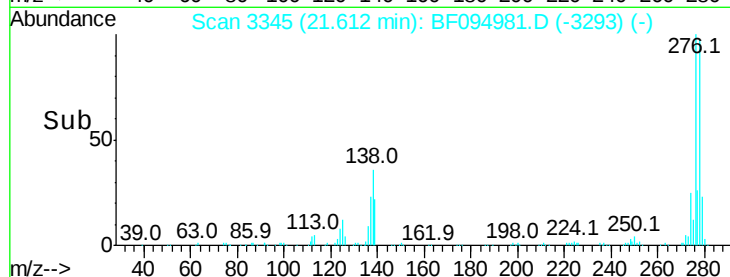
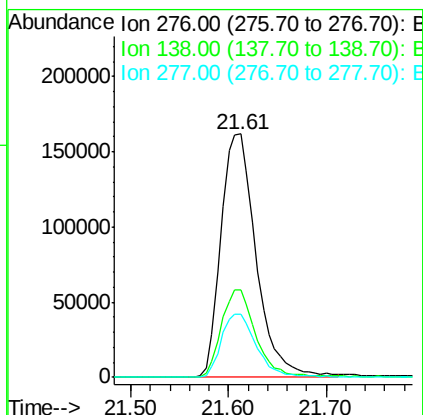
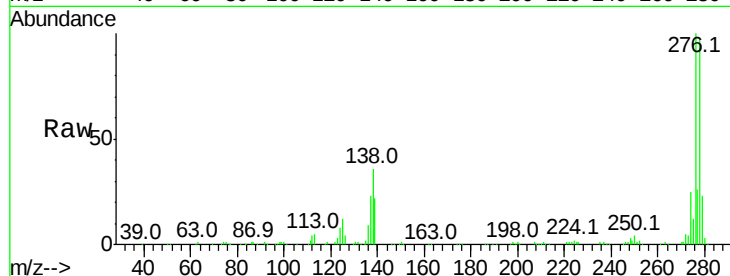




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.22 ng
 RT: 21.61 min Scan# 3345
 Delta R.T. 0.01 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

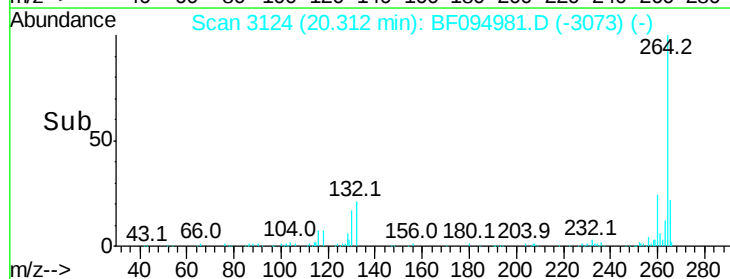
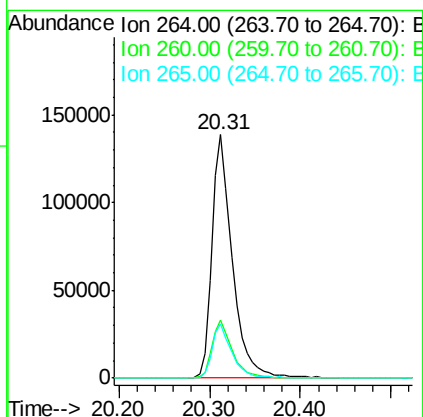
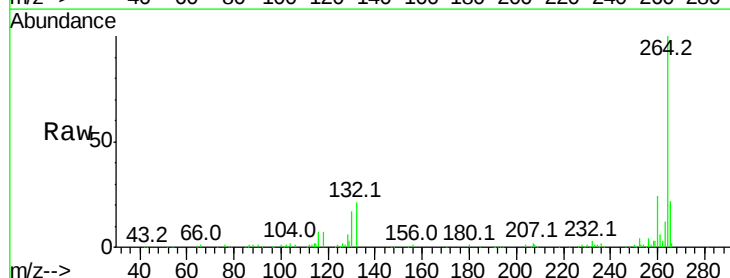
Instrument :
 BNA_F
 ClientSampleId :

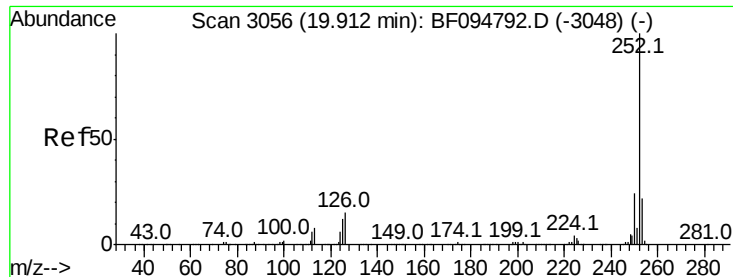
Tot Ion:276 Resp: 406454
 Ion Ratio Lower Upper
 276 100
 138 35.0 27.8 41.6
 277 25.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BF094981.D
 Acq: 8 May 2017 15:28

Tgt Ion:264 Resp: 216585
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 22.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.12 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

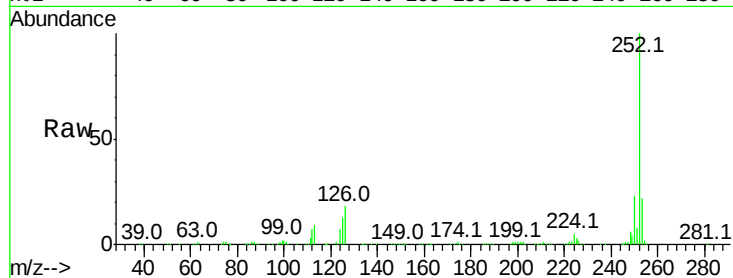
Tot Ion:252 Resp: 536914

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

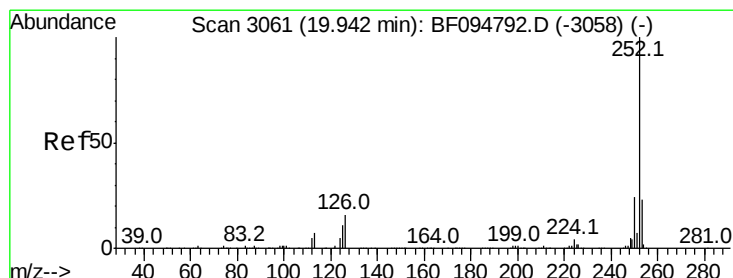
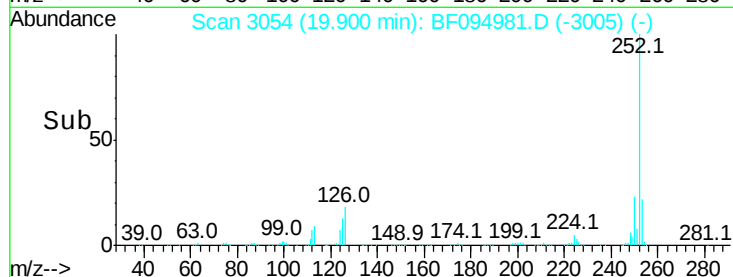
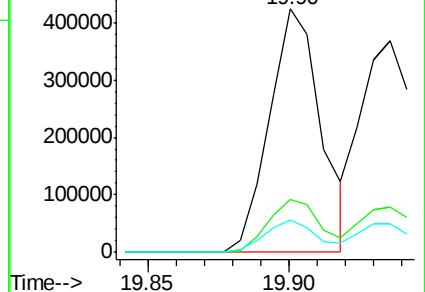
125 13.2 9.8 14.8



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: 41.11 ng

RT: 19.94 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

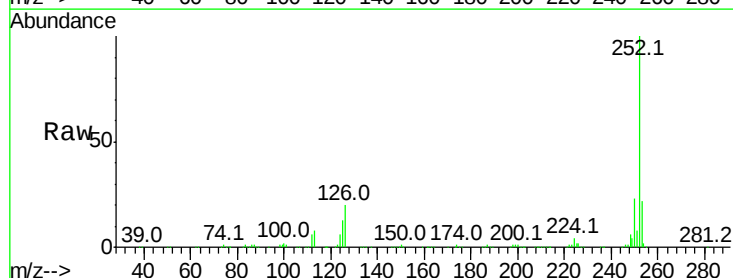
Tgt Ion:252 Resp: 530660

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

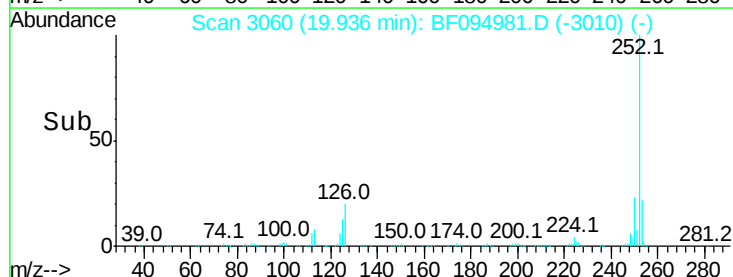
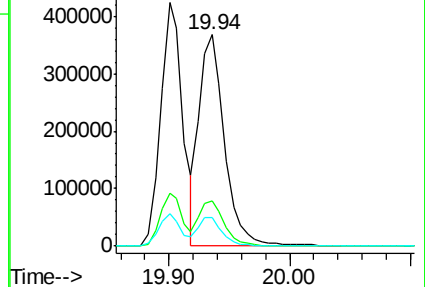
125 13.5 13.1 19.7

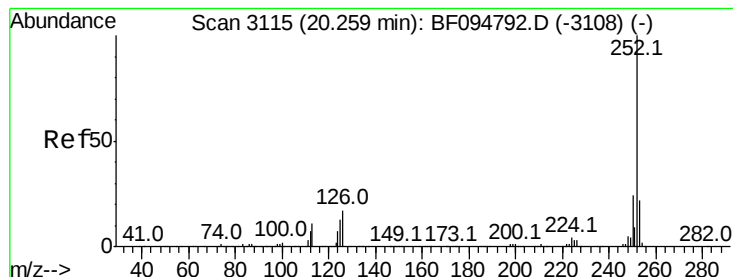


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.54 ng

RT: 20.25 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

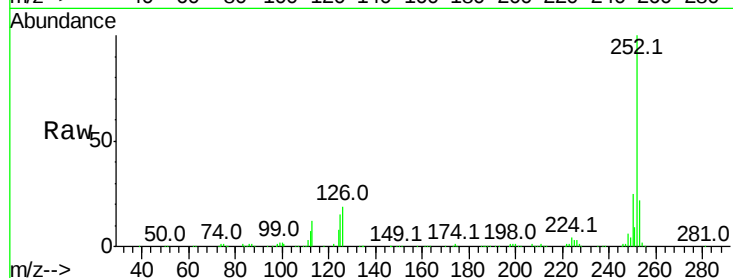
Tot Ion:252 Resp: 488263

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

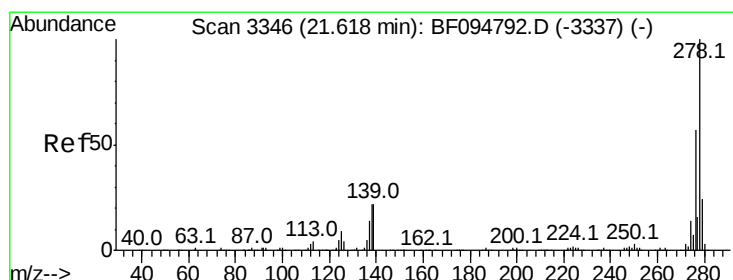
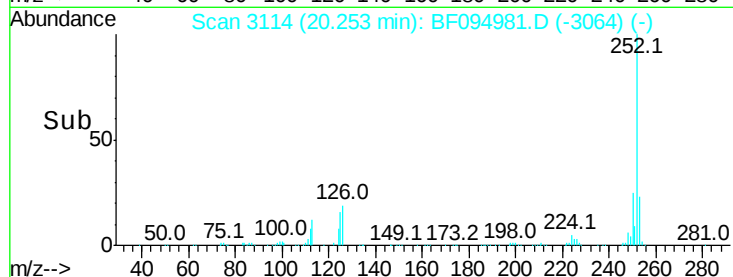
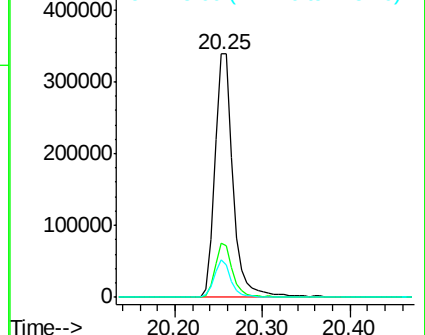
125 15.4 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.88 ng

RT: 21.61 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BF094981.D

Acq: 8 May 2017 15:28

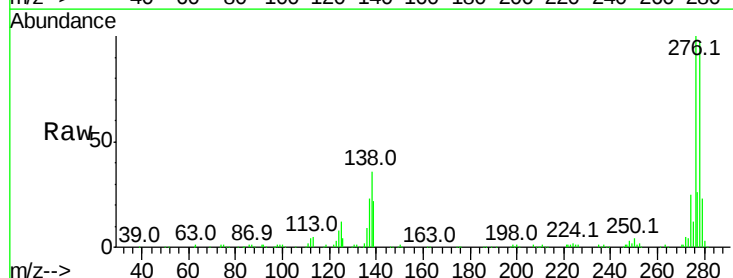
Tgt Ion:278 Resp: 365965

Ion Ratio Lower Upper

278 100

139 23.0 16.6 24.8

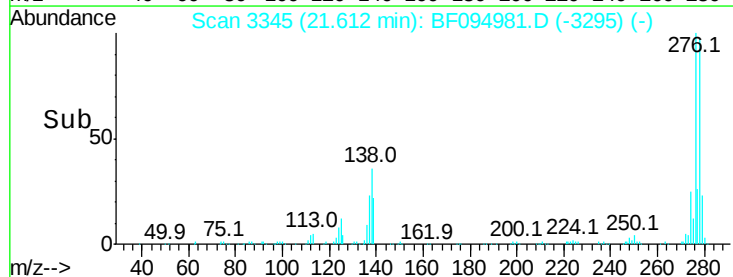
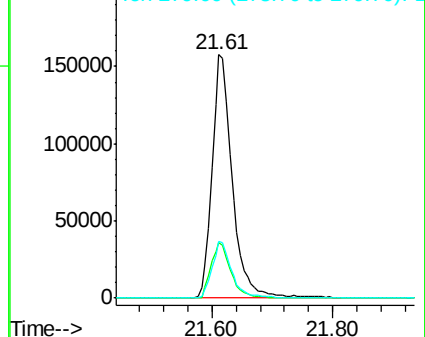
279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.71 ng

RT: 21.99 min Scan# 3409

Delta R.T. 0.01 min

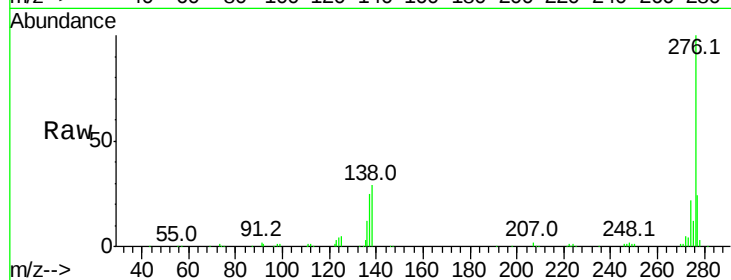
Lab File: BF094981.D

Acq: 8 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 347428

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 29.4 25.4 38.0

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

