

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094978.D
 Acq On : 8 May 2017 12:24
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 12:59:40 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	106176	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	446836	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	194019	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	345192	20.00	ng	-0.02
75) Chrysene-d12	18.65	240	304159	20.00	ng	0.00
86) Perylene-d12	20.31	264	250854	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	535977	84.16	ng	-0.02
7) Phenol-d6	7.25	99	648025	84.81	ng	-0.02
23) Nitrobenzene-d5	8.62	82	529460	74.72	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	132890	83.63	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1006658	74.68	ng	-0.02
78) Terphenyl-d14	17.30	244	984552	71.30	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.08	88	125003	40.02	ng	94
3) Pyridine	2.74	79	307753	42.51	ng	99
4) n-Nitrosodimethylamine	2.68	42	123974	41.09	ng	81
6) Aniline	7.21	93	402387	41.71	ng	96
8) 2-Chlorophenol	7.40	128	292781	40.39	ng	96
9) Benzaldehyde	7.02	77	182913	39.20	ng	97
10) Phenol	7.27	94	333986	41.48	ng	91
11) bis(2-Chloroethyl)ether	7.35	93	270933	40.76	ng	96
12) 1,3-Dichlorobenzene	7.62	146	330376	40.18	ng	98
13) 1,4-Dichlorobenzene	7.74	146	340047	40.78	ng	98
14) 1,2-Dichlorobenzene	7.98	146	332000	42.65	ng	96
15) Benzyl Alcohol	8.00	79	218615	44.48	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	385800	41.01	ng	98
17) 2-Methylphenol	8.21	107	252248	42.52	ng	# 92
18) Hexachloroethane	8.50	117	109221	38.67	ng	# 87
19) n-Nitroso-di-n-propylamine	8.42	70	212444	41.11	ng	94
20) 3+4-Methylphenols	8.47	107	310301	38.50	ng	# 59
22) Acetophenone	8.39	105	421919	39.36	ng	# 84
24) Nitrobenzene	8.65	77	274798	37.00	ng	92
25) Isophorone	9.05	82	486339	38.44	ng	95
26) 2-Nitrophenol	9.15	139	161134	40.21	ng	98
27) 2,4-Dimethylphenol	9.29	122	253227	39.08	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	343731	39.27	ng	99
29) 2,4-Dichlorophenol	9.57	162	243327	39.77	ng	98
30) 1,2,4-Trichlorobenzene	9.66	180	261517	39.90	ng	97
31) Naphthalene	9.77	128	873090	38.88	ng	99
32) Benzoic acid	9.61	122	153109	37.26	ng	96
33) 4-Chloroaniline	9.90	127	338775	40.48	ng	94
34) Hexachlorobutadiene	9.99	225	137897	39.87	ng	98
35) Caprolactam	10.64	113	13208	7.19	ng	87
36) 4-Chloro-3-methylphenol	10.76	107	245798	37.58	ng	90
37) 2-Methylnaphthalene	10.89	142	557389	37.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	243667	40.84	ng	99
40) Hexachlorocyclopentadiene	11.15	237	80692	35.79	ng	97

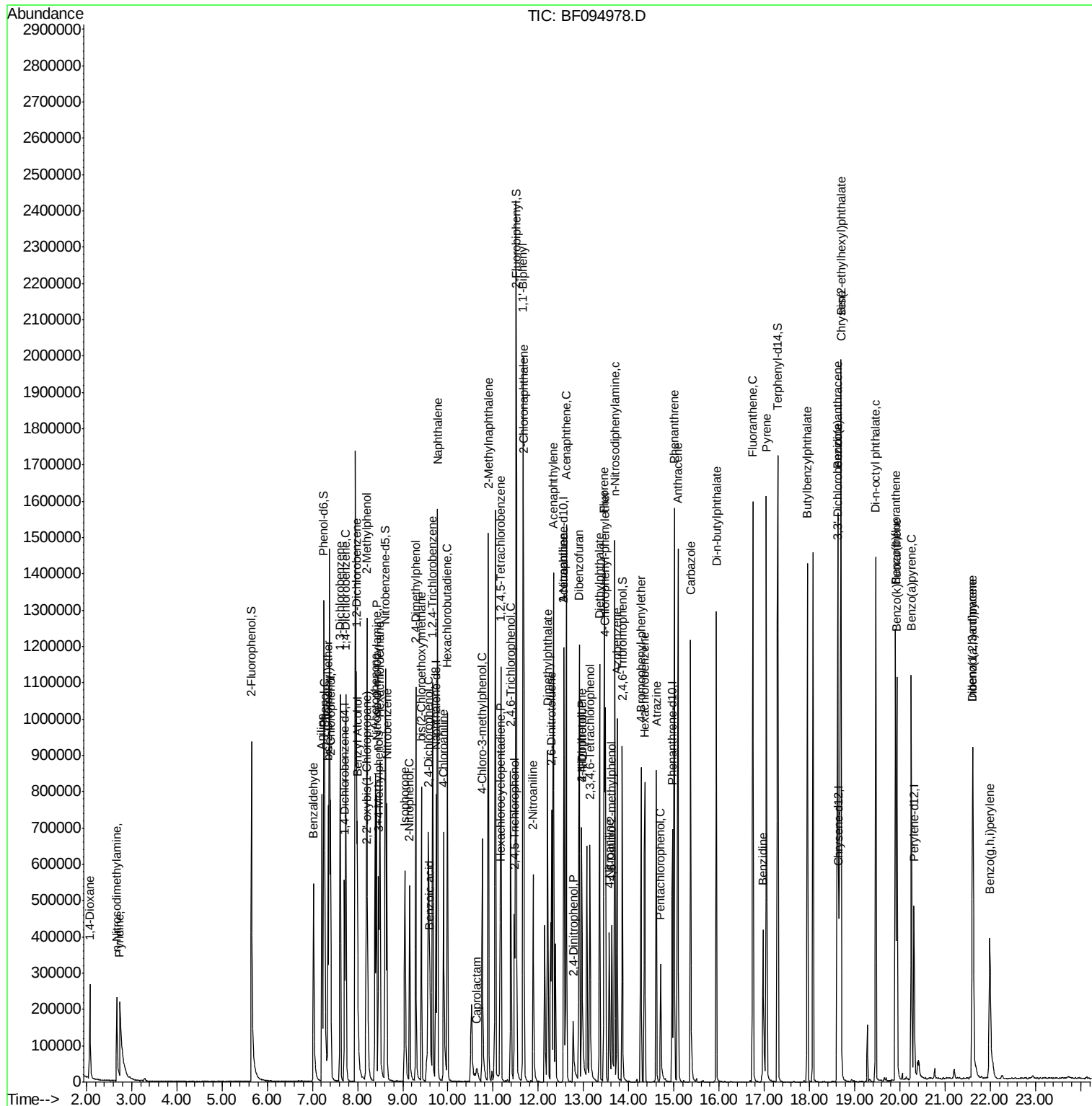
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094978.D
 Acq On : 8 May 2017 12:24
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

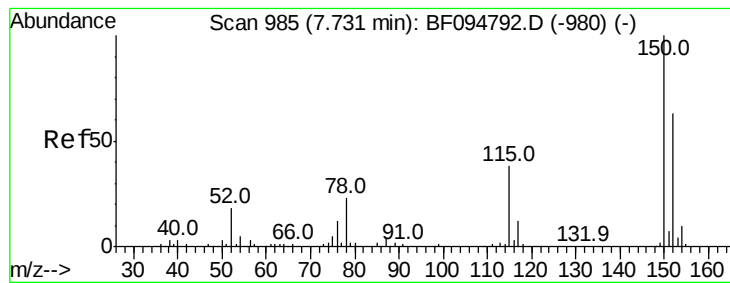
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 12:59:40 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)
42) 2,4,6-Trichlorophenol	11.39	196	162228	40.72	ng	98
43) 2,4,5-Trichlorophenol	11.47	196	162549	37.96	ng	93
45) 1,1'-Biphenyl	11.67	154	654968	40.10	ng	98
46) 2-Chloronaphthalene	11.68	162	531165	40.27	ng	96
47) 2-Nitroaniline	11.89	65	144680	40.08	ng	# 79
48) Acenaphthylene	12.34	152	832031	40.27	ng	99
49) Dimethylphthalate	12.21	163	590646	37.08	ng	99
50) 2,6-Dinitrotoluene	12.30	165	133268	41.01	ng	98
51) Acenaphthene	12.62	154	448187	36.32	ng	98
52) 3-Nitroaniline	12.57	138	144353	41.39	ng	88
53) 2,4-Dinitrophenol	12.77	184	58015	36.13	ng	# 66
54) Dibenzofuran	12.91	168	668102	39.13	ng	97
55) 4-Nitrophenol	12.96	139	84687	40.43	ng	# 61
56) 2,4-Dinitrotoluene	12.97	165	170787	40.90	ng	96
57) Fluorene	13.46	166	585319	39.42	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.14	232	113030	41.95	ng	# 96
59) Diethylphthalate	13.36	149	594652	38.95	ng	99
60) 4-Chlorophenyl-phenylether	13.48	204	257063	39.39	ng	93
61) 4-Nitroaniline	13.57	138	121787	38.04	ng	95
62) Azobenzene	13.74	77	487195	39.71	ng	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	95721	41.36	ng	# 66
65) n-Nitrosodiphenylamine	13.69	169	496988	39.67	ng	99
66) 4-Bromophenyl-phenylether	14.27	248	134960	37.01	ng	97
67) Hexachlorobenzene	14.35	284	142973	38.25	ng	# 89
68) Atrazine	14.61	200	141687	40.05	ng	96
69) Pentachlorophenol	14.71	266	62892	40.35	ng	98
70) Phenanthrene	15.01	178	795210	40.09	ng	99
71) Anthracene	15.09	178	809413	39.95	ng	98
72) Carbazole	15.37	167	748831	40.62	ng	97
73) Di-n-butylphthalate	15.94	149	936658	40.75	ng	98
74) Fluoranthene	16.75	202	808018	39.72	ng	99
76) Benzidine	16.97	184	307763	38.87	ng	# 93
77) Pyrene	17.05	202	852144	37.46	ng	100
79) Butylbenzylphthalate	17.95	149	393634	37.20	ng	# 86
80) Benzo(a)anthracene	18.62	228	629391	35.56	ng	98
81) 3,3'-Dichlorobenzidine	18.61	252	218281	35.70	ng	# 96
82) Chrysene	18.69	228	666045	38.91	ng	96
83) Bis(2-ethylhexyl)phthalate	18.70	149	536795	35.61	ng	# 98
84) Di-n-octyl phthalate	19.47	149	903254	36.55	ng	97
85) Indeno(1,2,3-cd)pyrene	21.61	276	490619	35.30	ng	99
87) Benzo(b)fluoranthene	19.90	252	629069	40.58	ng	99
88) Benzo(k)fluoranthene	19.94	252	607418	40.62	ng	96
89) Benzo(a)pyrene	20.25	252	548134	38.32	ng	97
90) Dibenzo(a,h)anthracene	21.62	278	428322	36.26	ng	97
91) Benzo(g,h,i)perylene	21.99	276	374335	32.29	ng	98

(#) = 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: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampled :

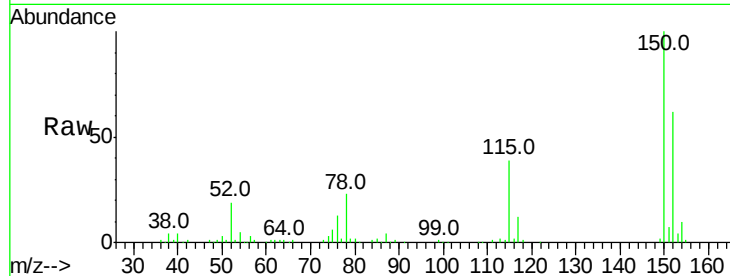
Tot Ion:152 Resp: 106176

Ion Ratio Lower Upper

152 100

150 160.9 126.2 189.2

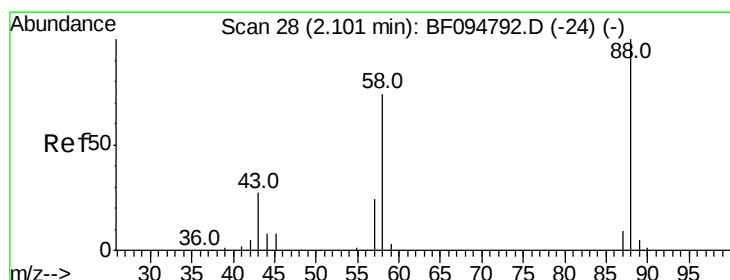
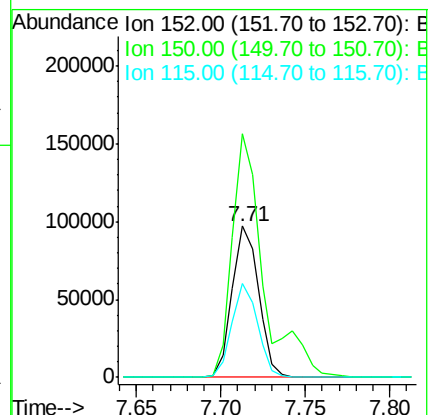
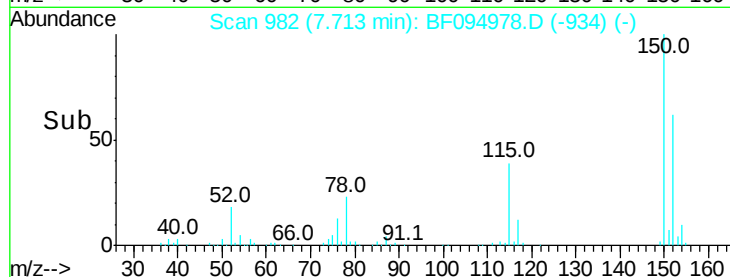
115 62.0 52.2 78.2



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: 40.02 ng

RT: 2.08 min Scan# 24

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

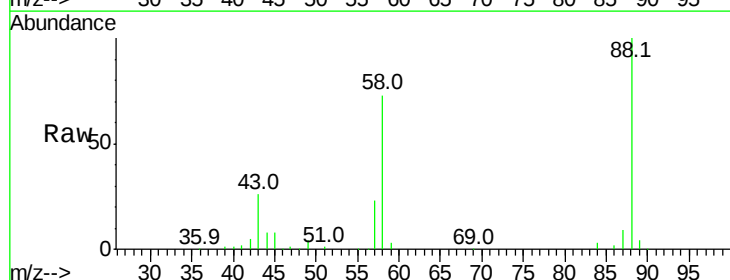
Tgt Ion: 88 Resp: 125003

Ion Ratio Lower Upper

88 100

58 71.3 61.4 92.0

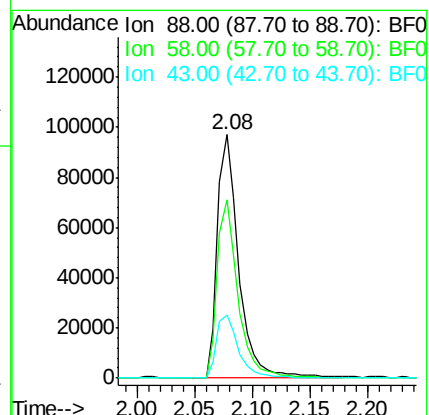
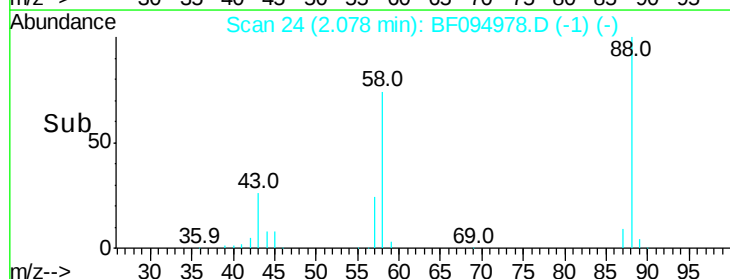
43 26.6 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.51 ng

RT: 2.74 min Scan# 136

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampled :

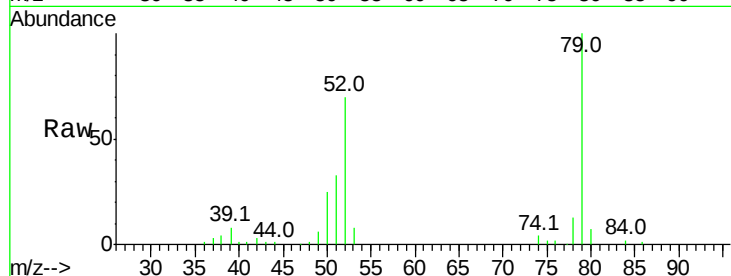
Tot Ion: 79 Resp: 307753

Ion Ratio Lower Upper

79 100

52 69.6 54.8 82.2

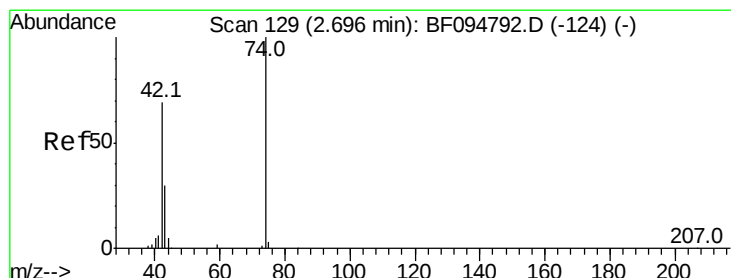
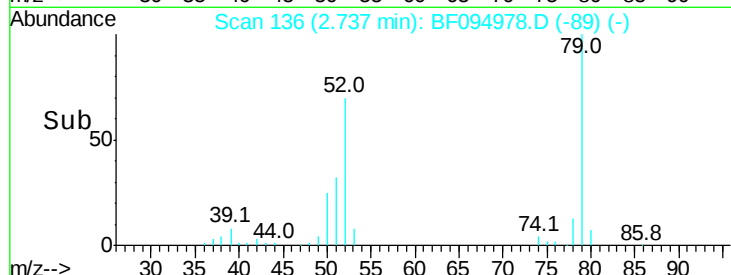
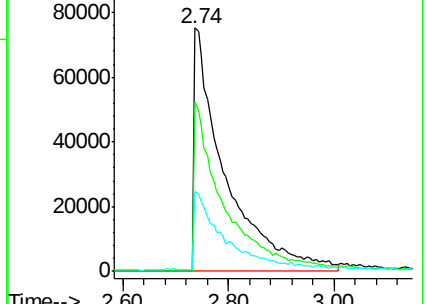
51 33.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.09 ng

RT: 2.68 min Scan# 126

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

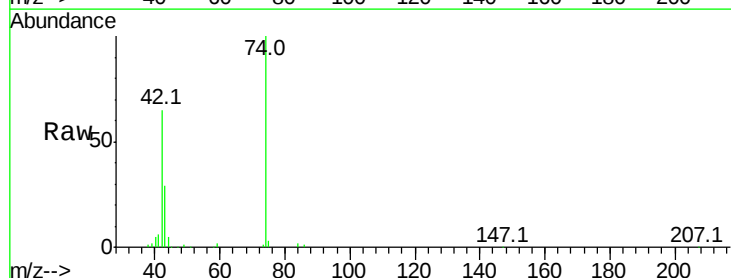
Tgt Ion: 42 Resp: 123974

Ion Ratio Lower Upper

42 100

74 152.9 103.9 155.9

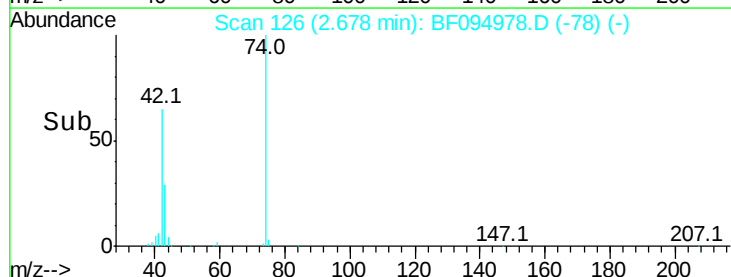
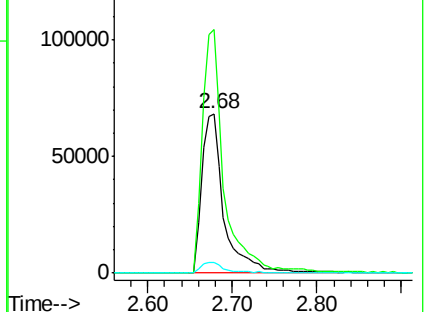
44 7.0 5.7 8.5



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: 84.16 ng

RT: 5.65 min Scan# 632

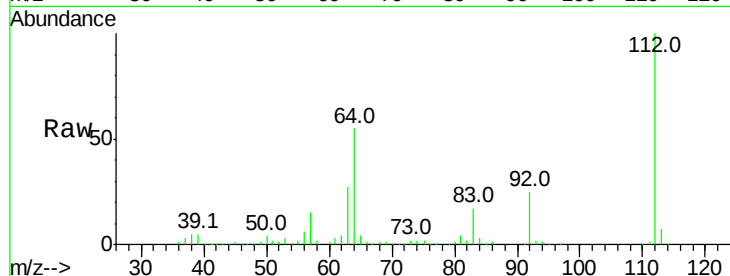
Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :
BNA_F
ClientSampled :

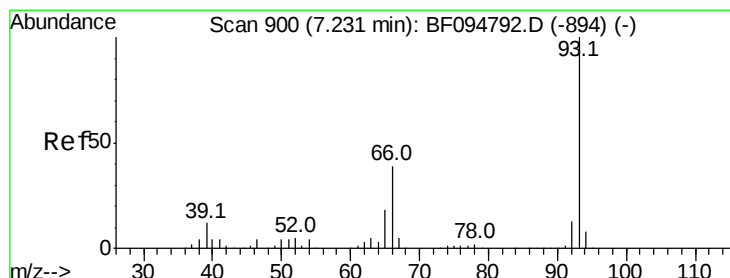
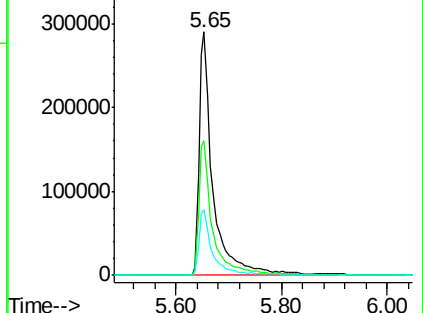
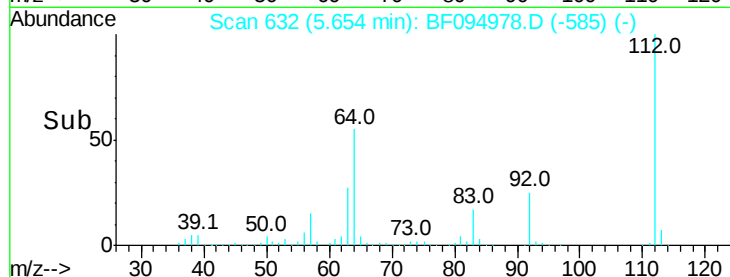
Tot Ion:	112	Resp:	535977
Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	26.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.71 ng

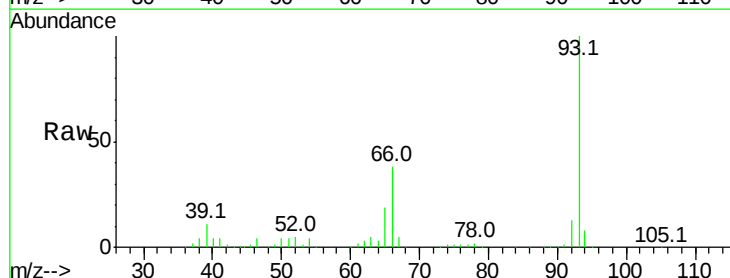
RT: 7.21 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

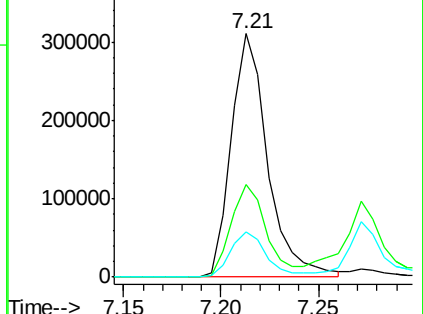
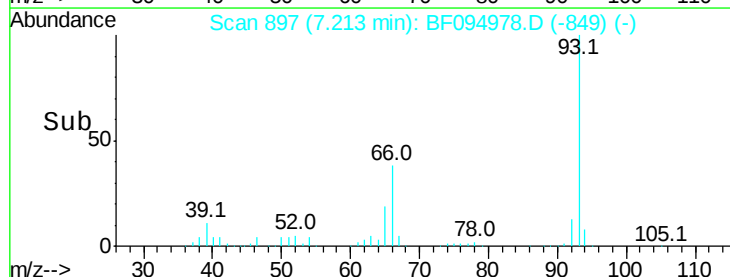
Tgt Ion:	93	Resp:	402387
Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.9	49.3
65	18.7	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.81 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :

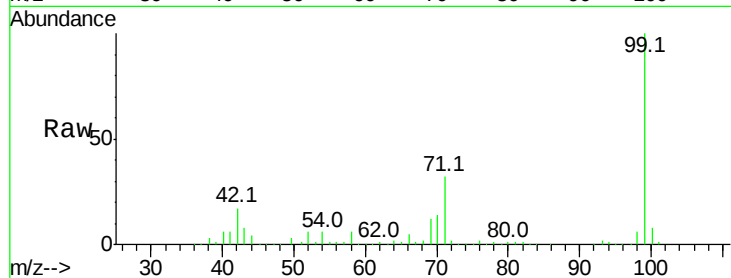
Tot Ion: 99 Resp: 648025

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

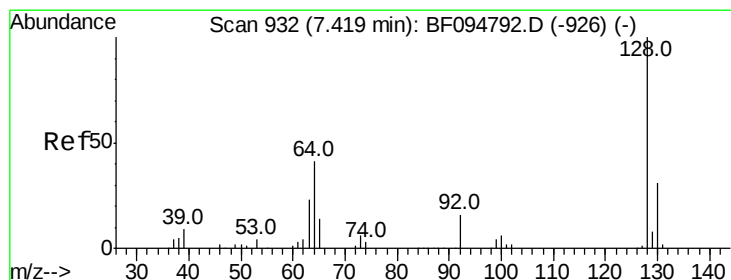
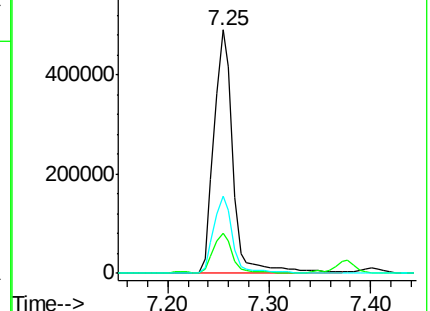
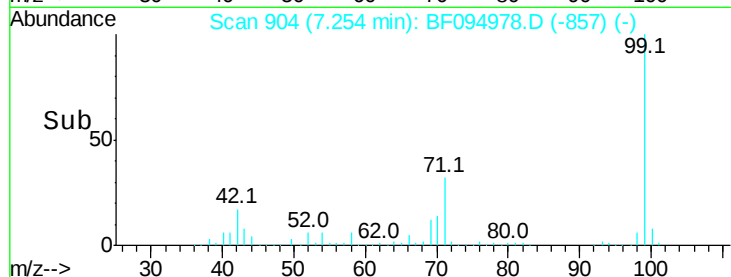
71 31.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.39 ng

RT: 7.40 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

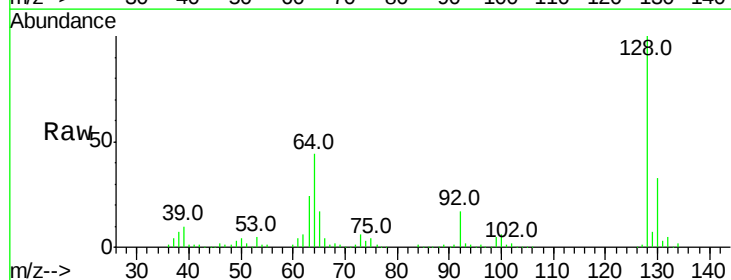
Tgt Ion:128 Resp: 292781

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

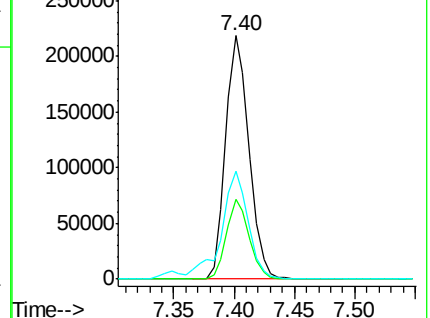
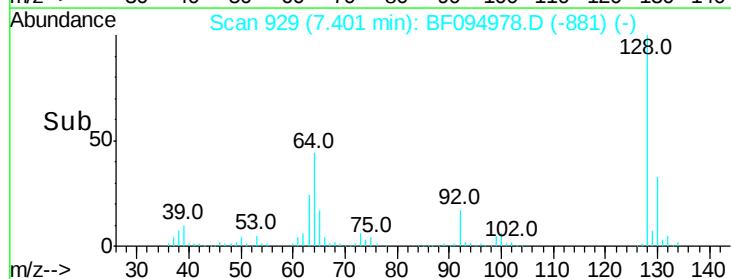
64 44.2 28.4 68.4



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: 39.20 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :

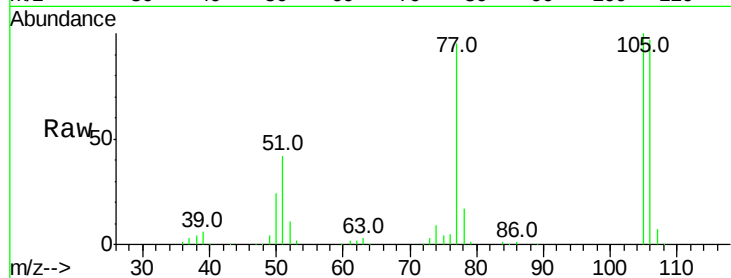
Tot Ion: 77 Resp: 182913

Ion Ratio Lower Upper

77 100

105 105.7 83.8 123.8

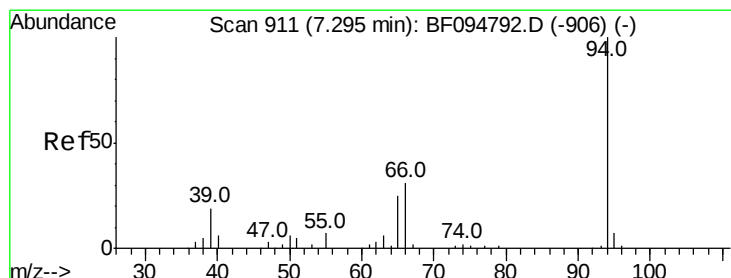
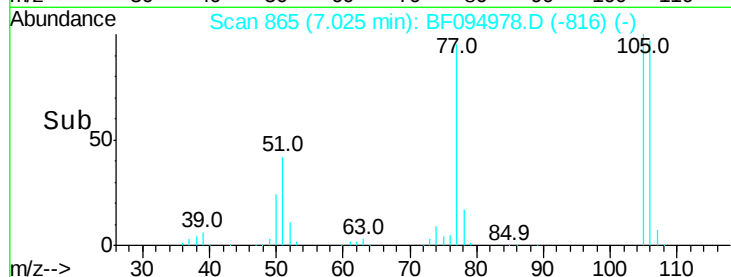
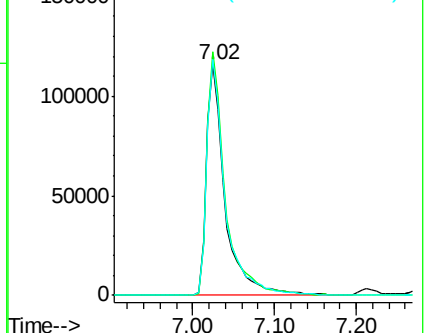
106 102.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.48 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

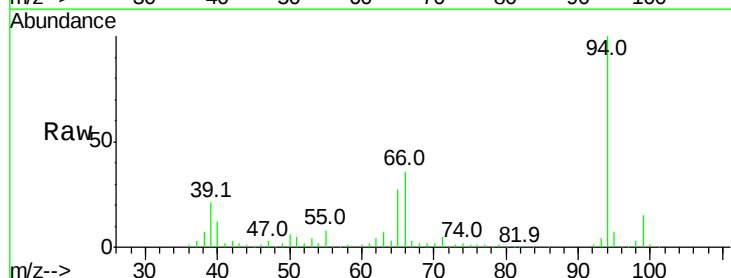
Tgt Ion: 94 Resp: 333986

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

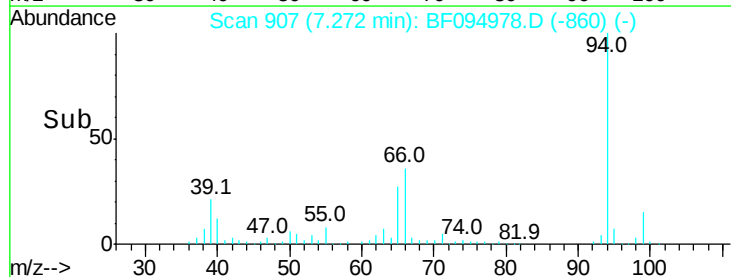
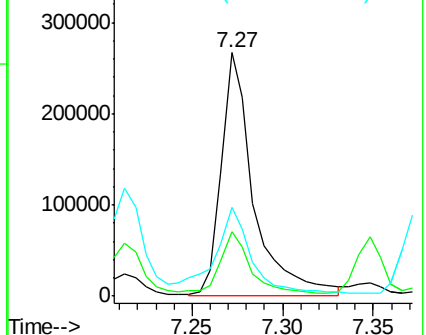
66 36.4 23.1 63.1

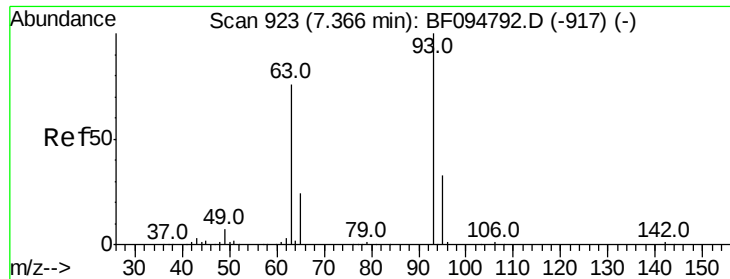


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

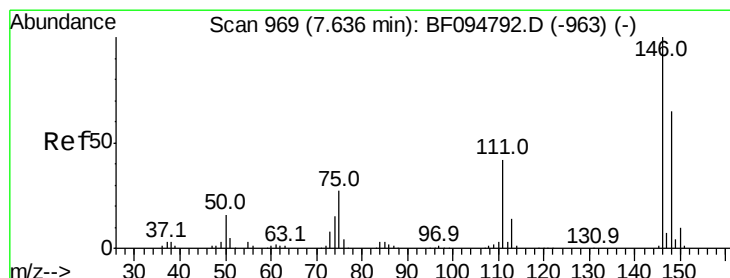
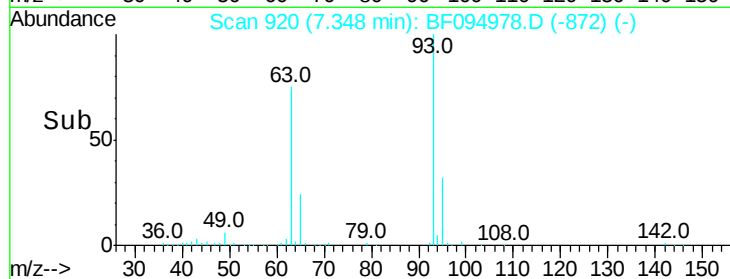
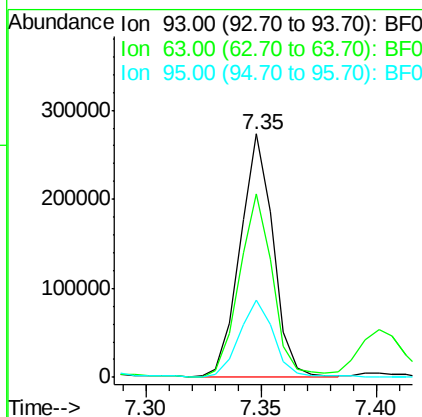
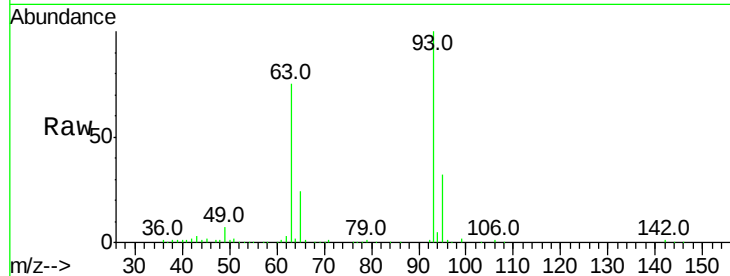




#11
 bis(2-Chloroethyl)ether
 Concen: 40.76 ng
 RT: 7.35 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

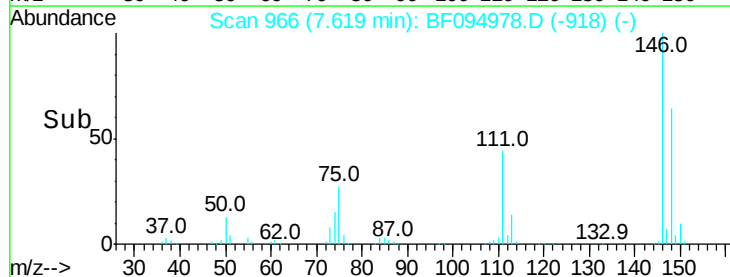
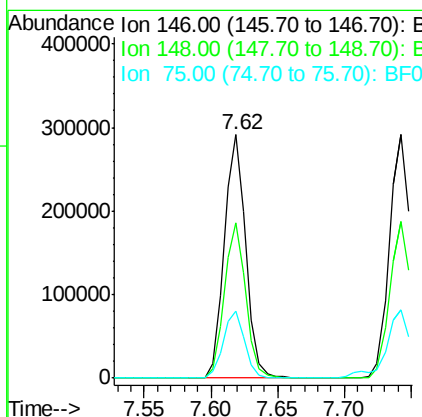
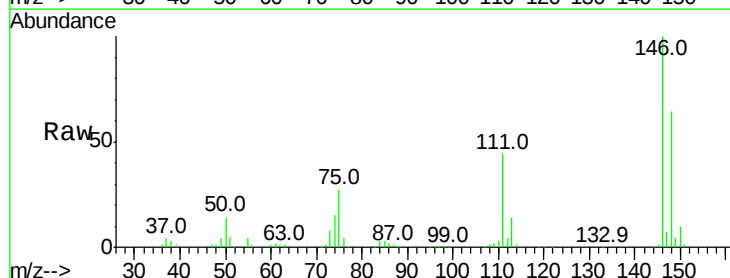
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	93	Resp:	270933
Ion	Ratio	Lower	Upper
93	100		
63	75.1	59.2	99.2
95	32.0	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.18 ng
 RT: 7.62 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion:	146	Resp:	330376
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	27.4	23.1	34.7

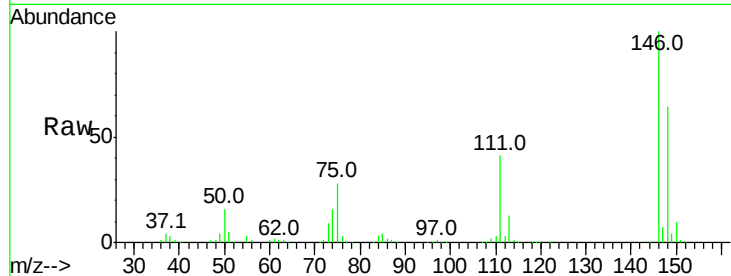




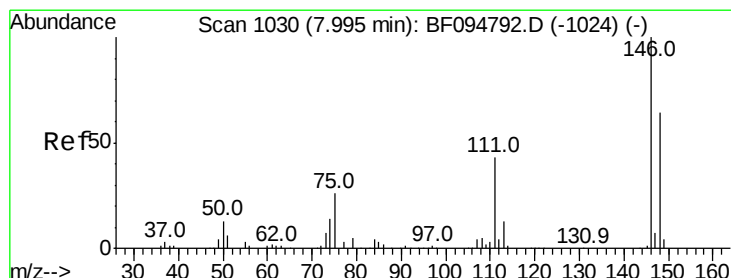
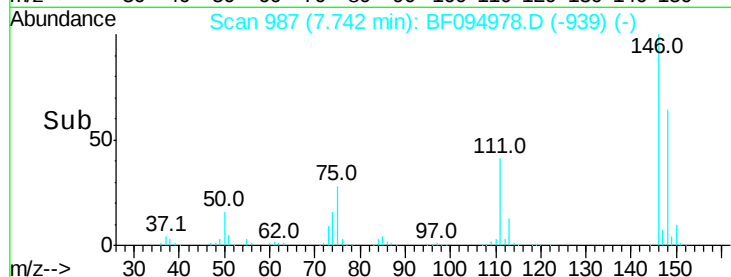
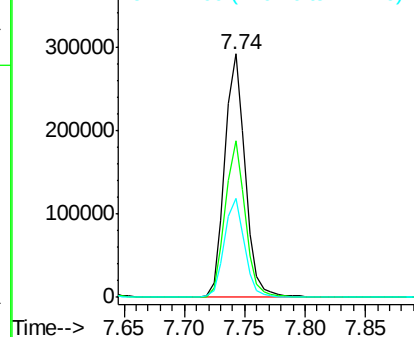
#13
 1,4-Dichlorobenzene
 Concen: 40.78 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 340047
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 40.7 30.3 45.5

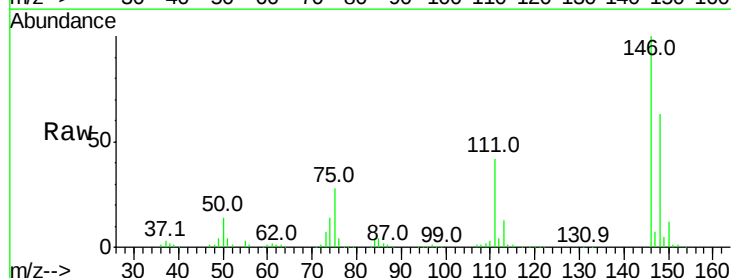


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

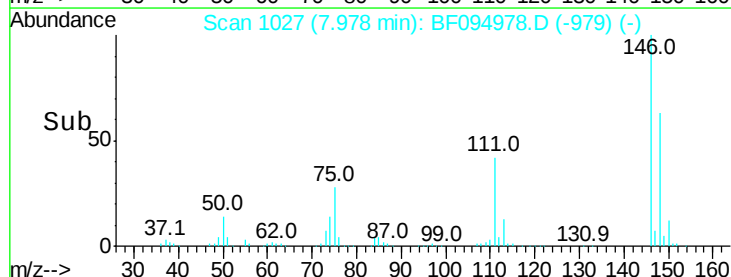
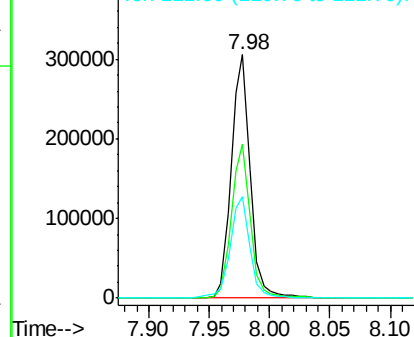


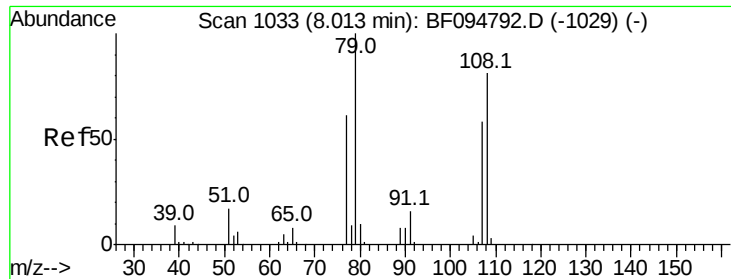
#14
 1,2-Dichlorobenzene
 Concen: 42.65 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion:146 Resp: 332000
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 41.8 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

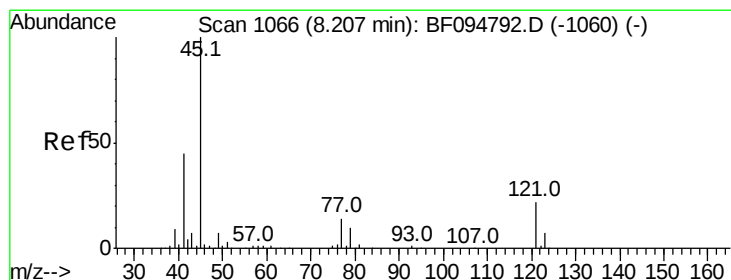
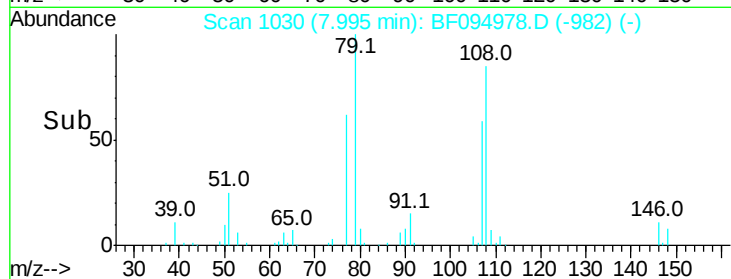
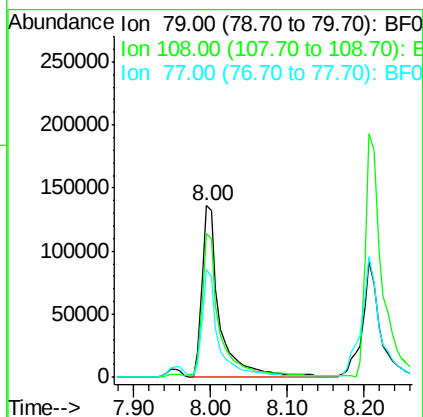
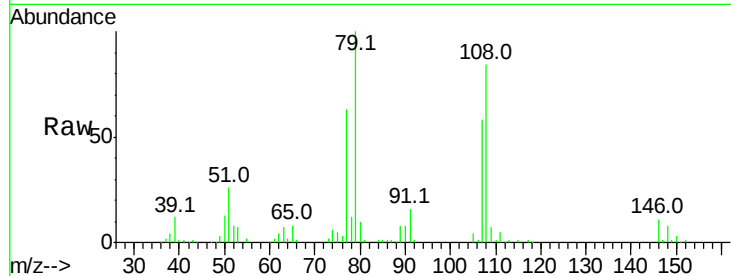




#15
Benzyl Alcohol
Concen: 44.48 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

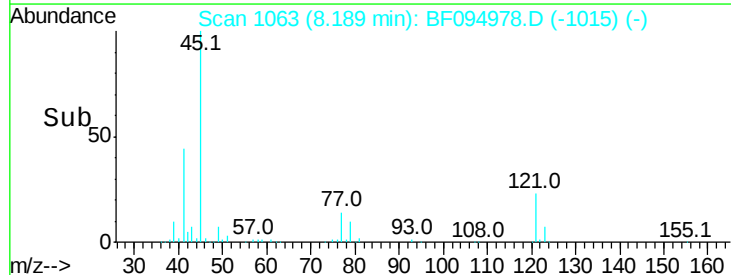
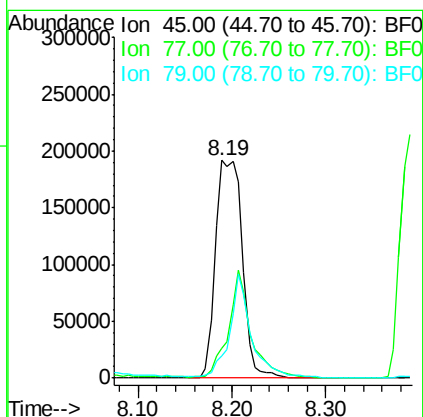
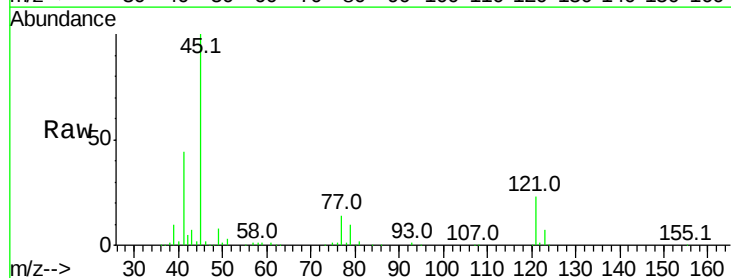
Instrument :
BNA_F
ClientSampled :

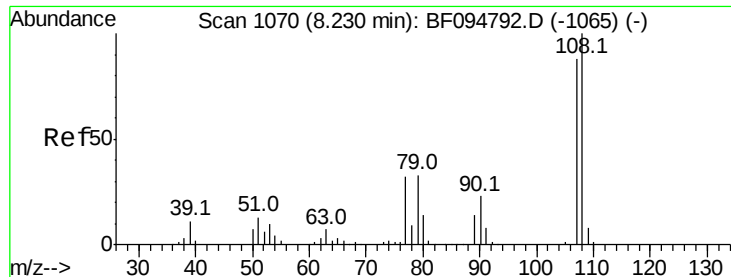
Tot Ion: 79 Resp: 218615
Ion Ratio Lower Upper
79 100
108 83.6 63.4 95.0
77 62.9 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.01 ng
RT: 8.19 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion: 45 Resp: 385800
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.2
79 10.3 0.0 30.0

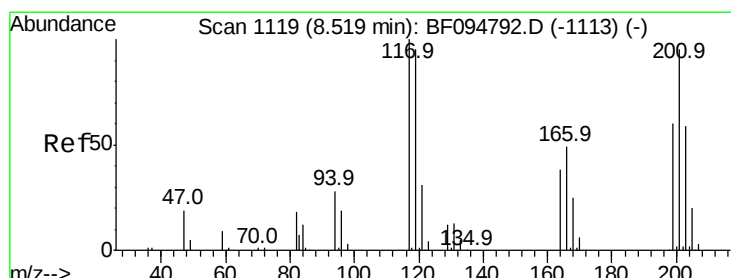
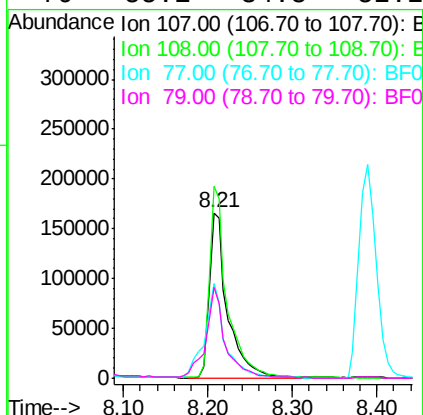
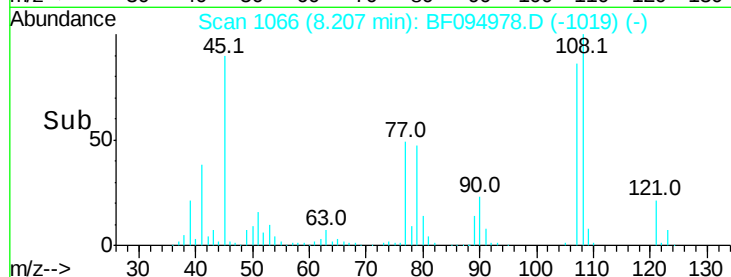
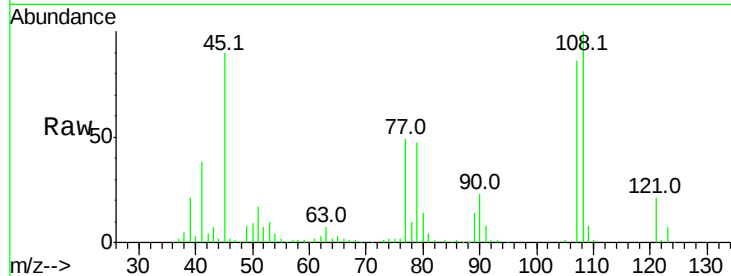




#17
 2-Methylphenol
 Concen: 42.52 ng
 RT: 8.21 min Scan# 1066
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

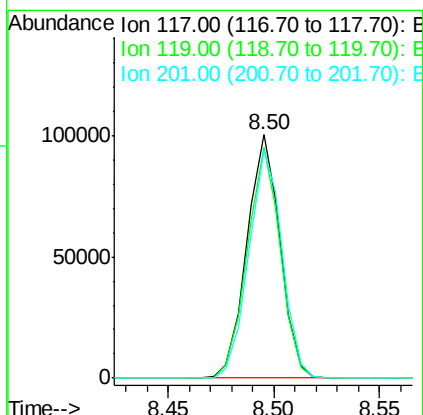
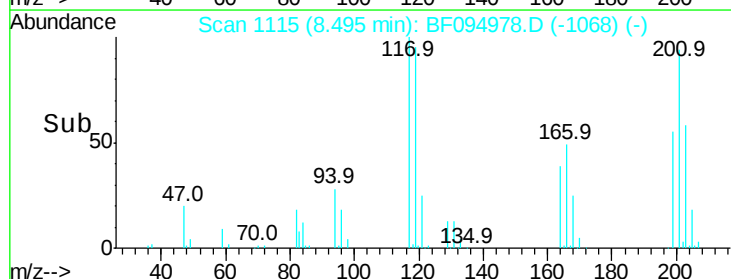
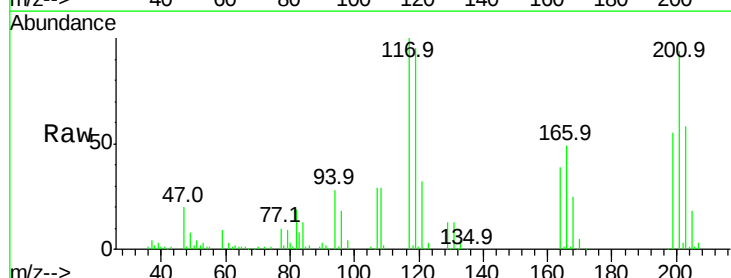
Instrument :
 BNA_F
 ClientSampleId :

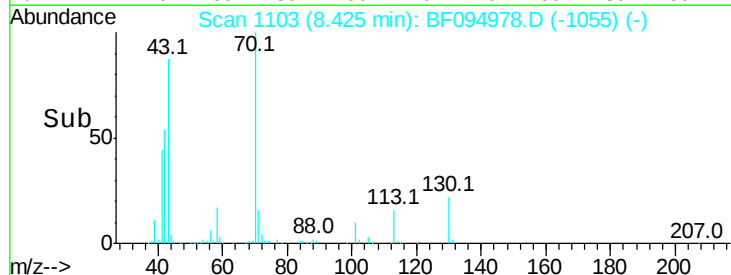
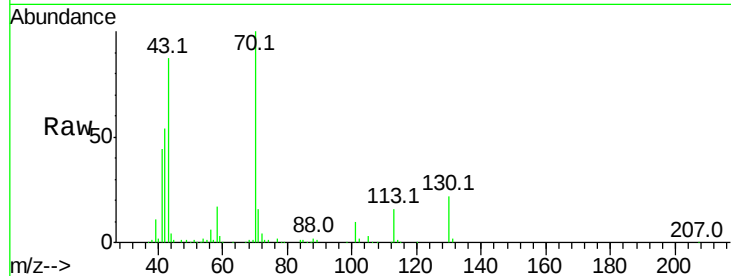
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.3	93.4	140.0
77	57.5	35.8	53.6#
79	55.1	34.8	52.2#



#18
 Hexachloroethane
 Concen: 38.67 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
201	94.0	94.6	141.8#

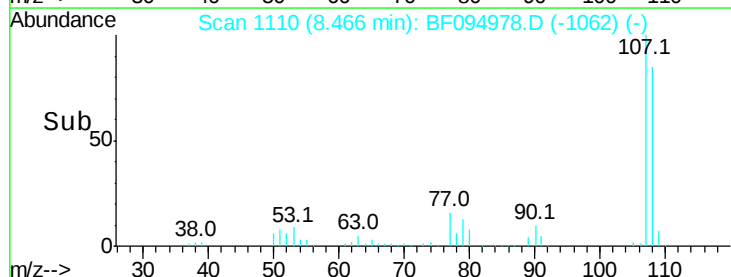
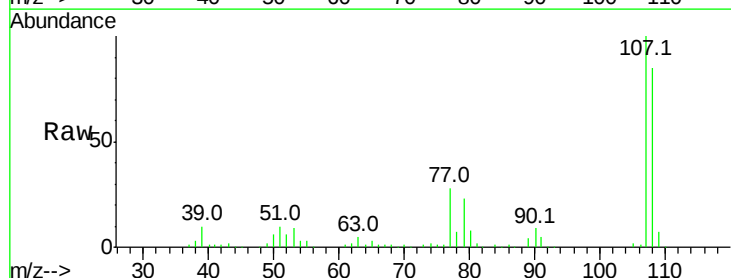
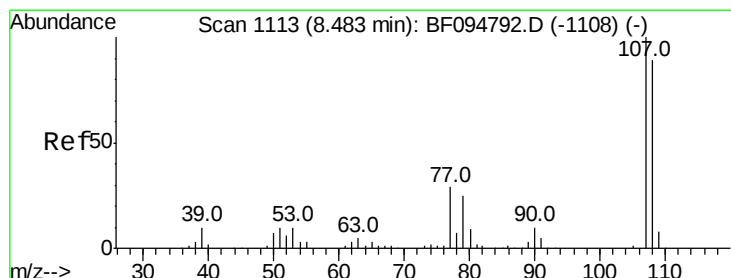
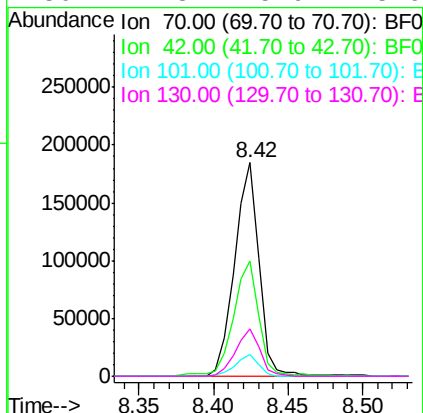




#19
n-Nitroso-di-n-propylamine
Concen: 41.11 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

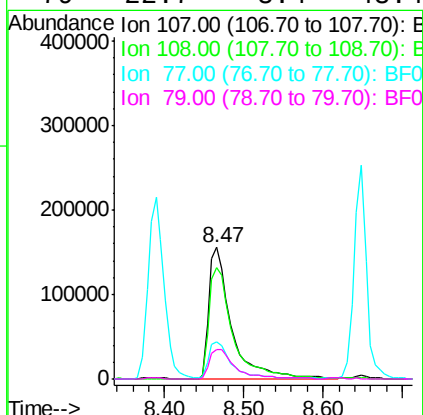
Instrument :
BNA_F
ClientSampleId :

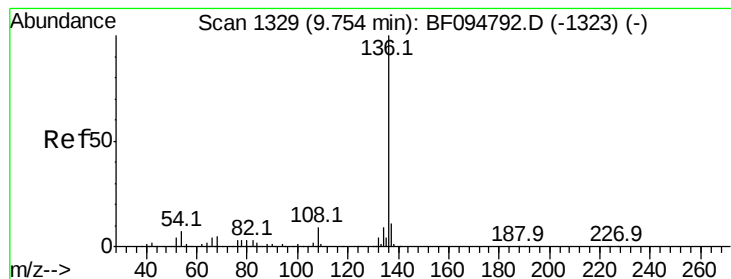
Tot Ion: 70 Resp: 212444
Ion Ratio Lower Upper
70 100
42 54.2 47.2 70.8
101 10.0 7.2 10.8
130 22.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 38.50 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion:107 Resp: 310301
Ion Ratio Lower Upper
107 100
108 85.0 71.0 111.0
77 28.1 90.5 130.5#
79 22.7 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: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 446836

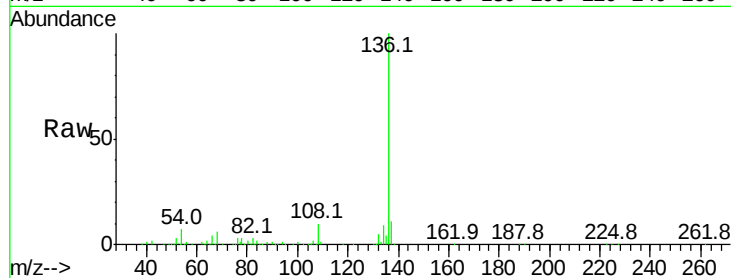
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.1 4.9 7.3

68 5.5 4.1 6.1

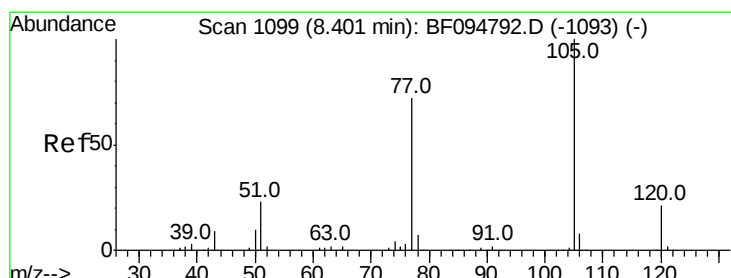
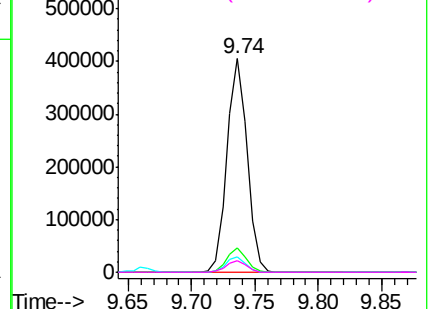
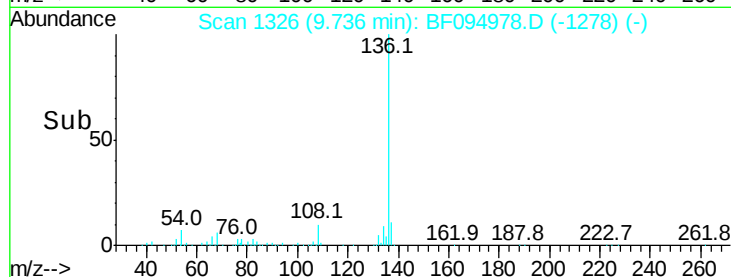


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.36 ng

RT: 8.39 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Tgt Ion:105 Resp: 421919

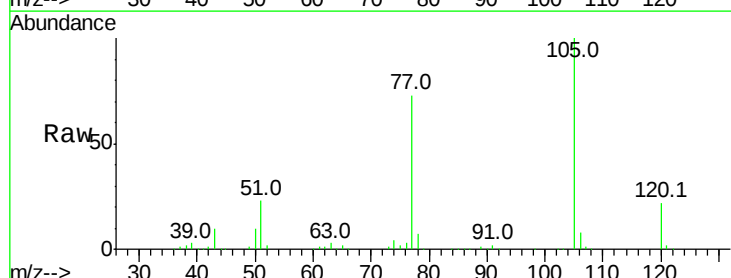
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.8 30.7 46.1#

120 22.2 17.4 26.0

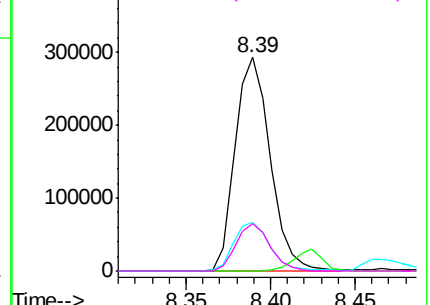
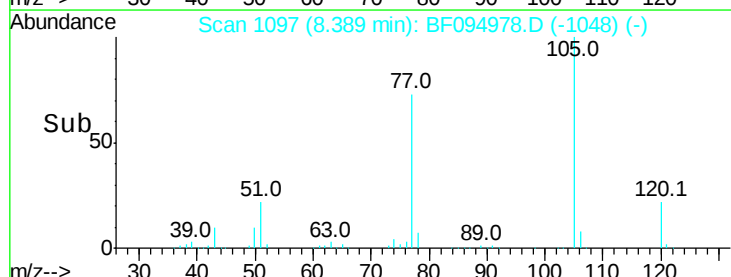


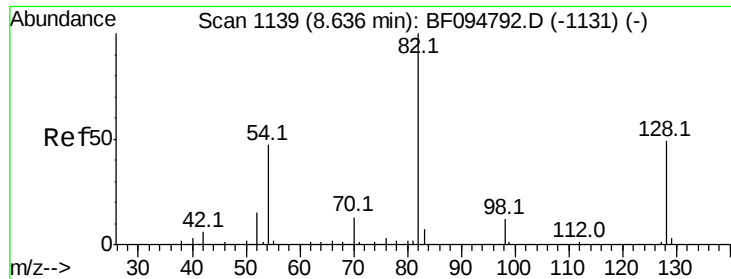
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

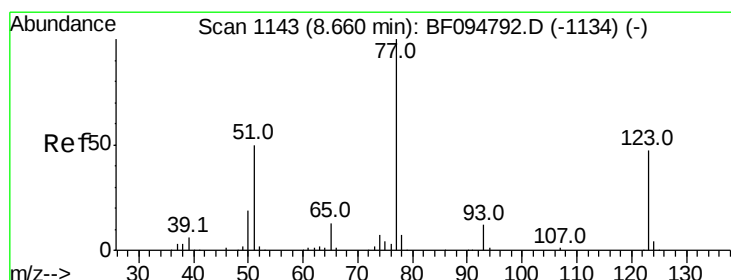
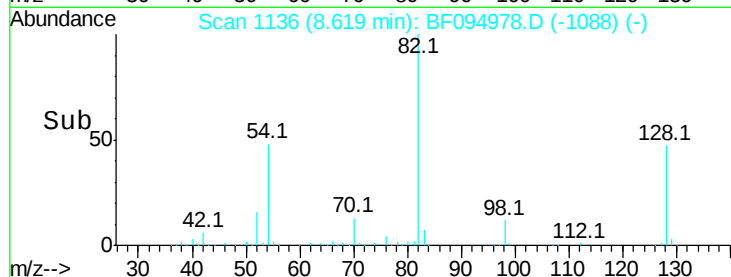
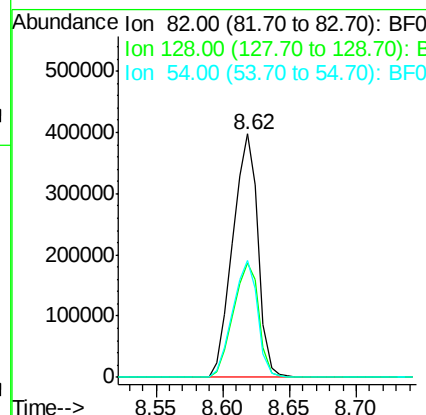
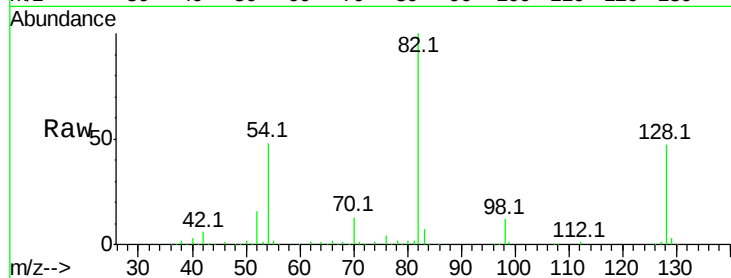




#23
 Nitrobenzene-d5
 Concen: 74.72 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

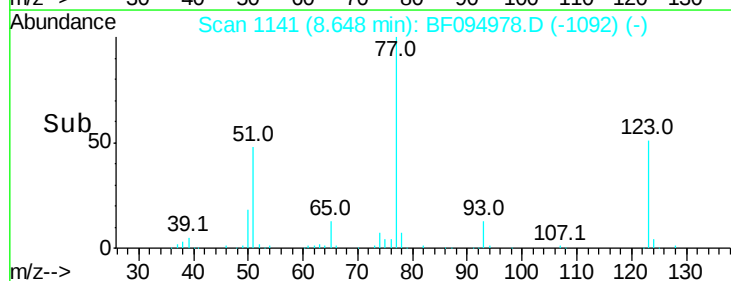
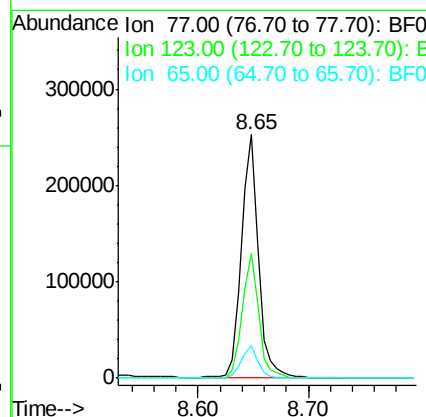
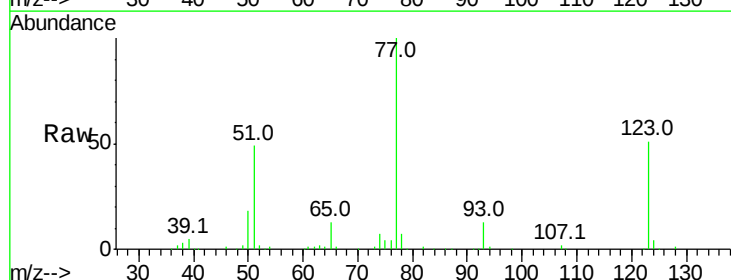
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 529460
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 48.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 37.00 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion: 77 Resp: 274798
 Ion Ratio Lower Upper
 77 100
 123 51.4 35.8 53.8
 65 13.3 10.6 15.8

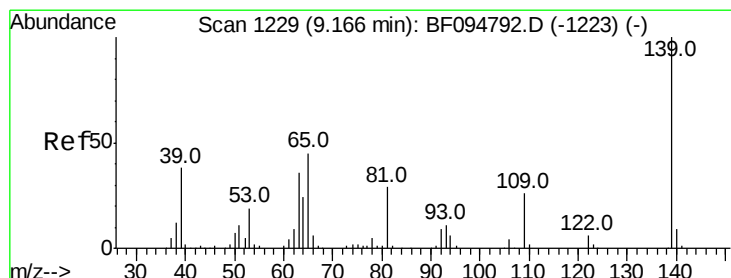
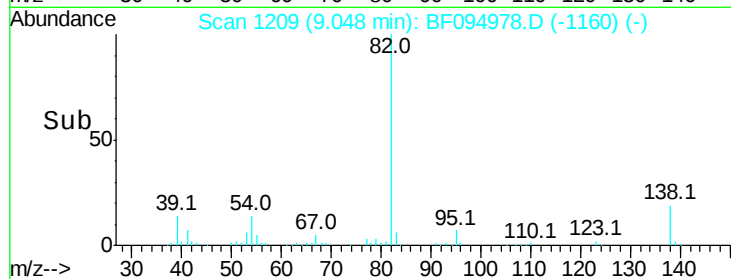
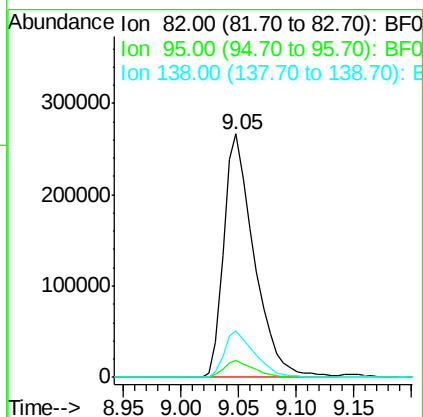
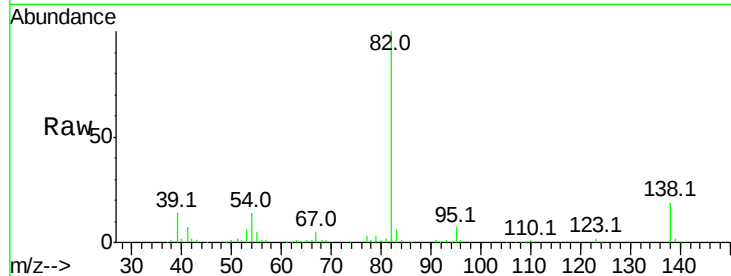




#25
Isophorone
Concen: 38.44 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

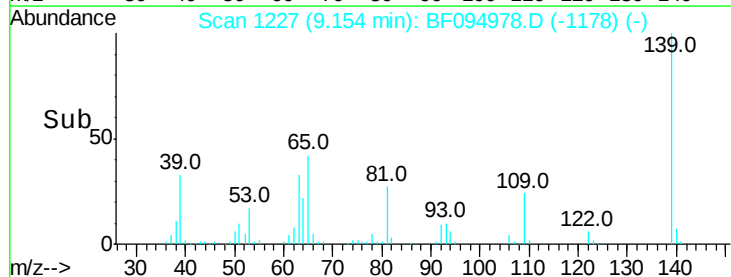
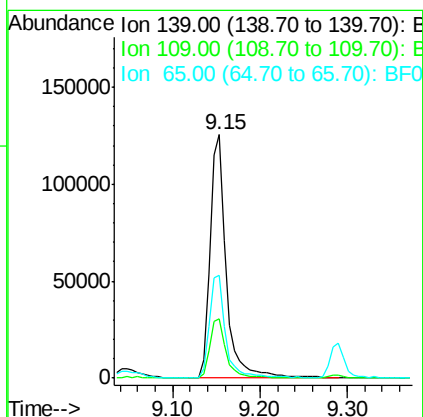
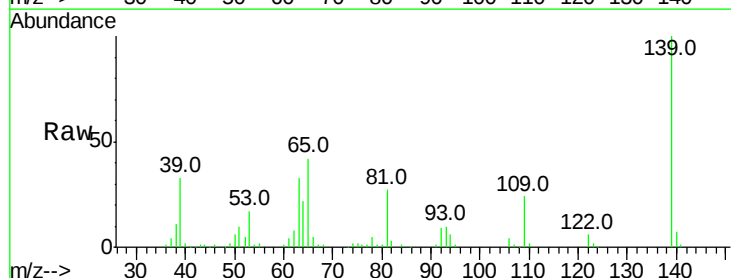
Instrument :
BNA_F
ClientSampleId :

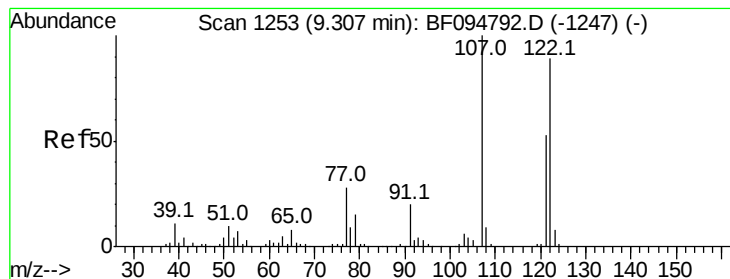
Tot Ion: 82 Resp: 486339
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 19.3 13.1 19.7



#26
2-Nitrophenol
Concen: 40.21 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion:139 Resp: 161134
Ion Ratio Lower Upper
139 100
109 24.2 21.0 31.6
65 42.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 39.08 ng

RT: 9.29 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :
BNA_F
ClientSampleId :

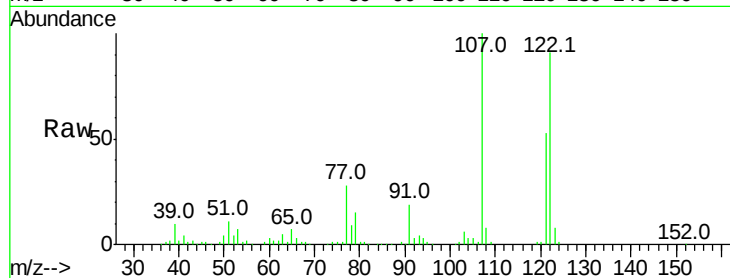
Tot Ion:122 Resp: 253227

Ion Ratio Lower Upper

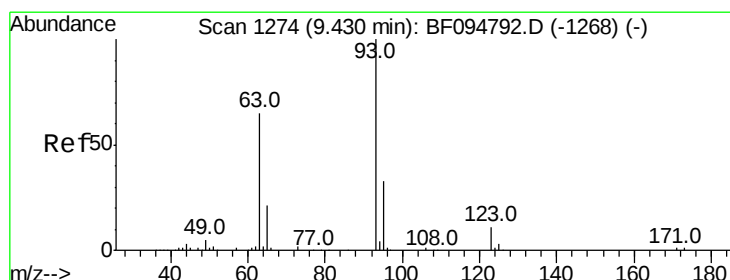
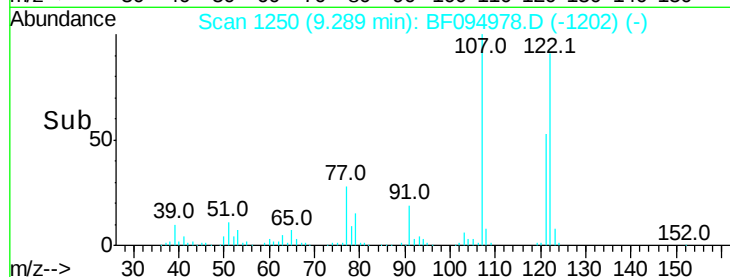
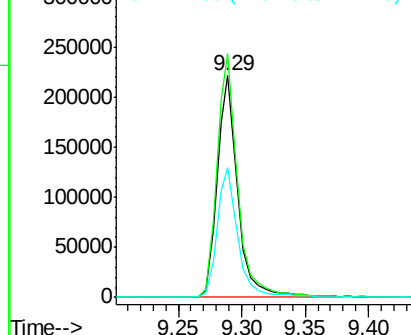
122 100

107 109.9 89.2 133.8

121 58.6 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: 39.27 ng

RT: 9.41 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

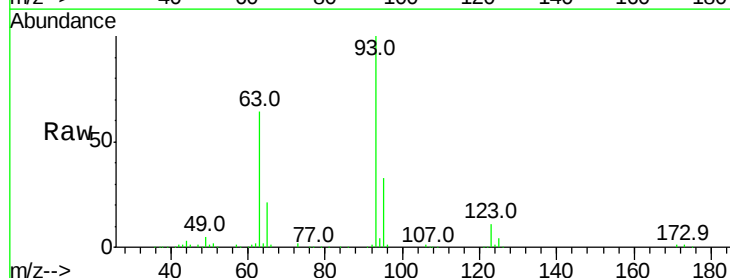
Tgt Ion: 93 Resp: 343731

Ion Ratio Lower Upper

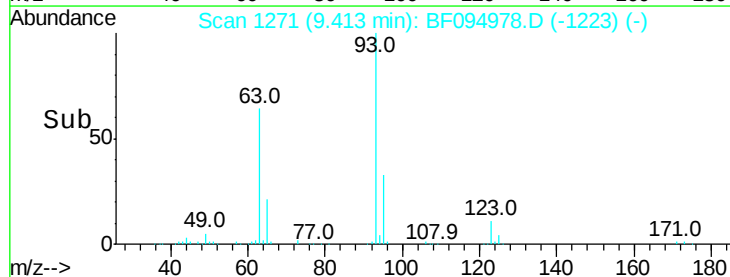
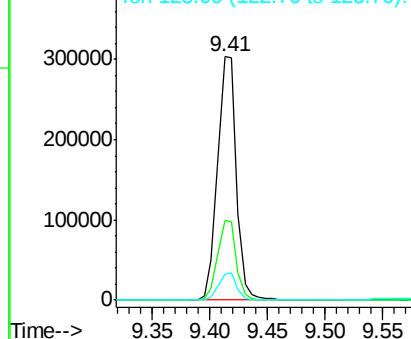
93 100

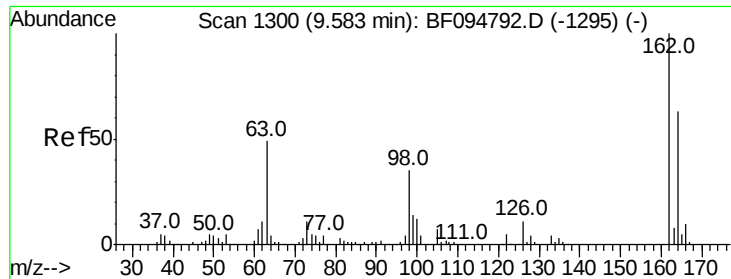
95 32.9 26.5 39.7

123 10.6 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

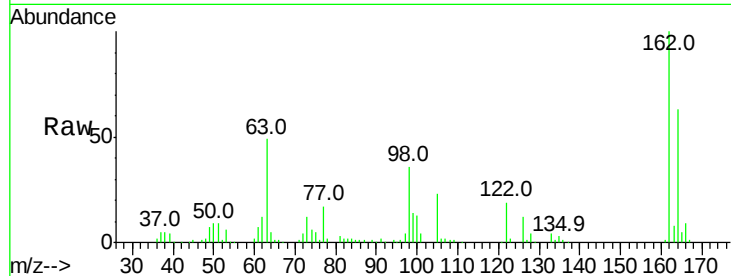




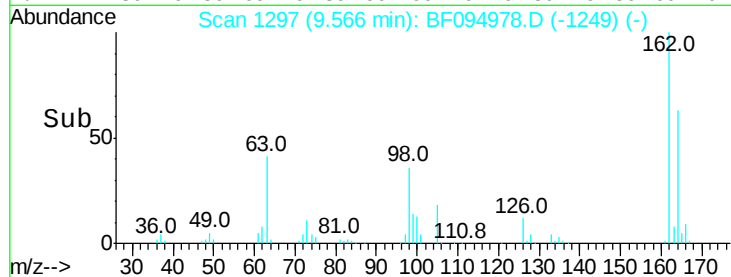
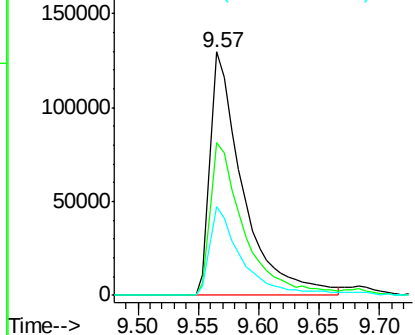
#29
 2,4-Dichlorophenol
 Concen: 39.77 ng
 RT: 9.57 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
162	100	243327		
164	63.0		44.6	84.6
98	36.3		14.8	54.8

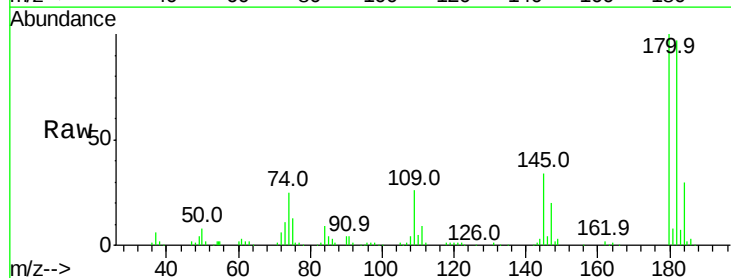


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

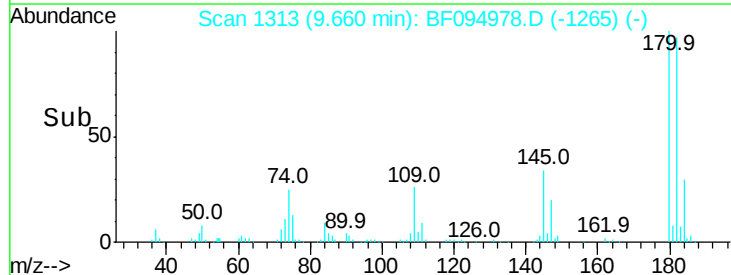
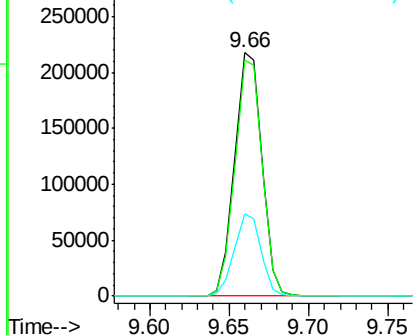


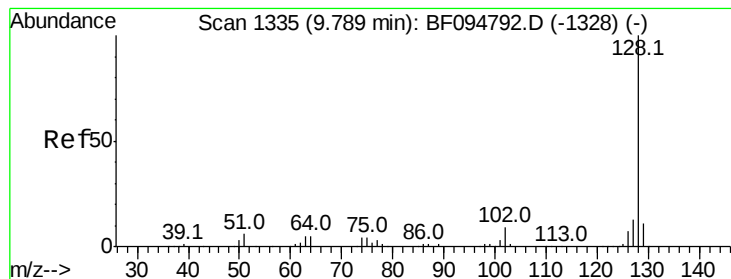
#30
 1,2,4-Trichlorobenzene
 Concen: 39.90 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	261517		
182	97.0		75.8	113.6
145	33.8		25.3	37.9



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





#31

Naphthalene

Concen: 38.88 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :

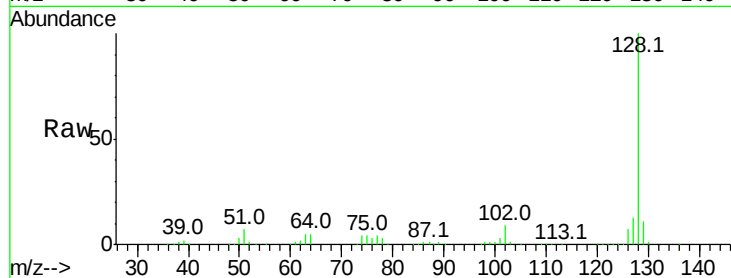
Tot Ion:128 Resp: 873090

Ion Ratio Lower Upper

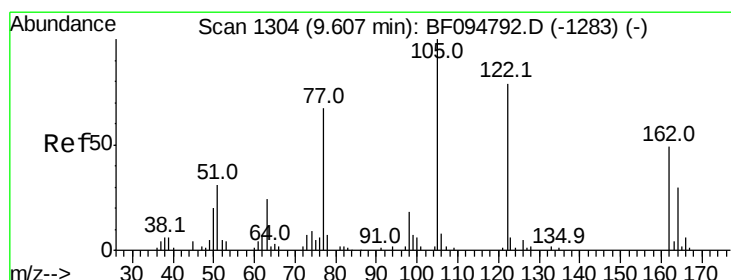
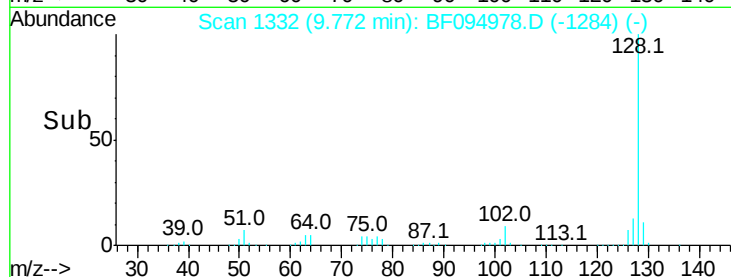
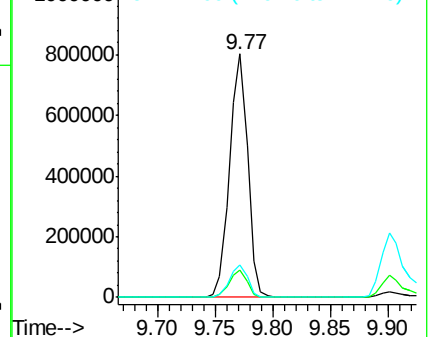
128 100

129 11.0 9.0 13.6

127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.26 ng

RT: 9.61 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

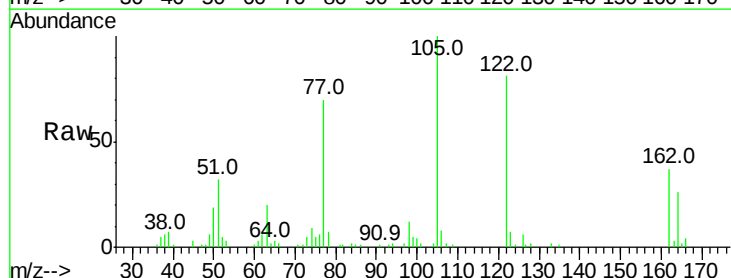
Tgt Ion:122 Resp: 153109

Ion Ratio Lower Upper

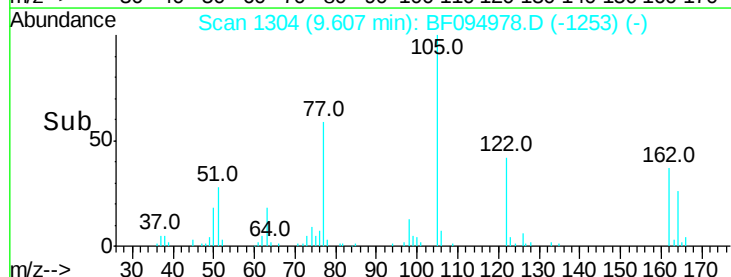
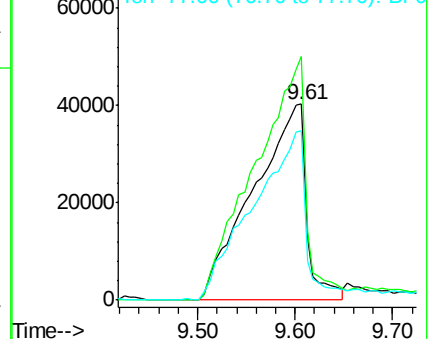
122 100

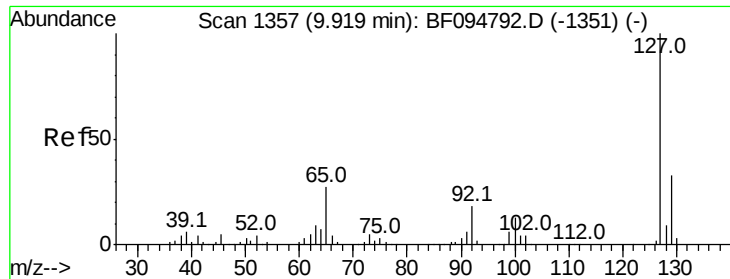
105 124.1 103.3 143.3

77 86.5 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

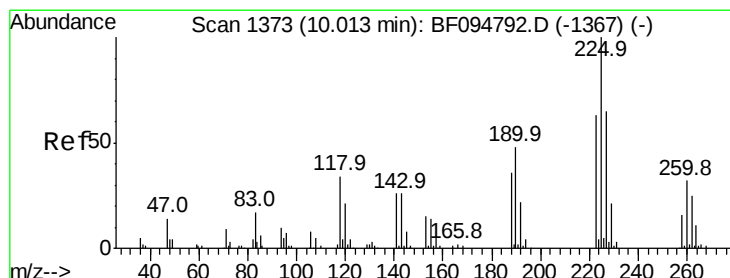
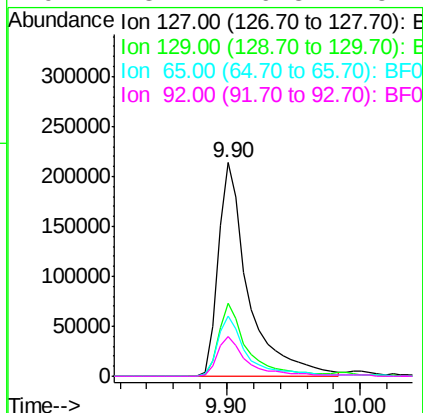
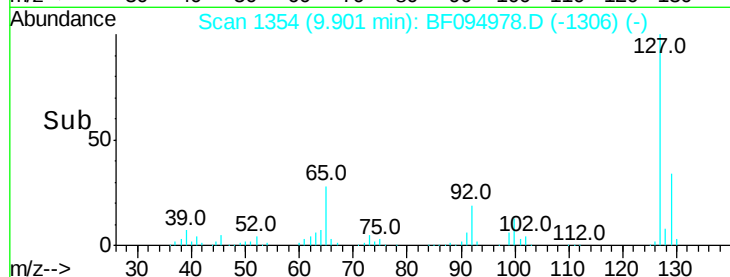
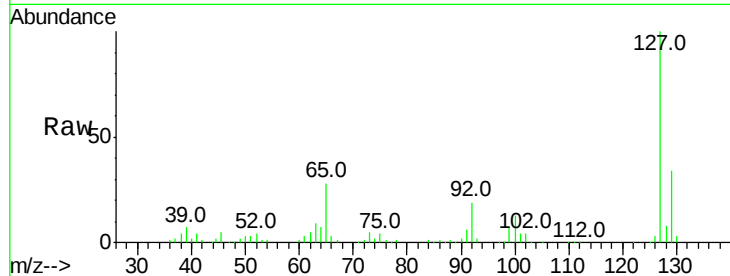




#33
4-Chloroaniline
Concen: 40.48 ng
RT: 9.90 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

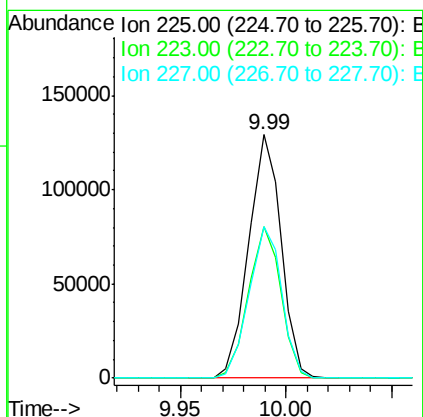
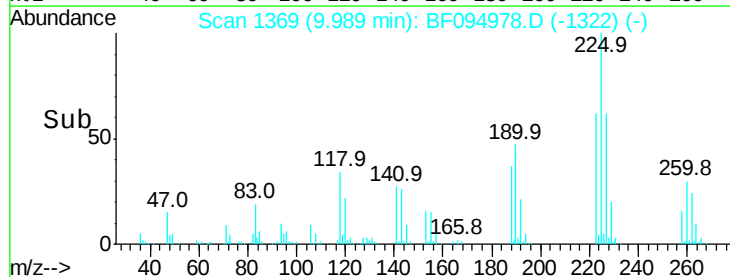
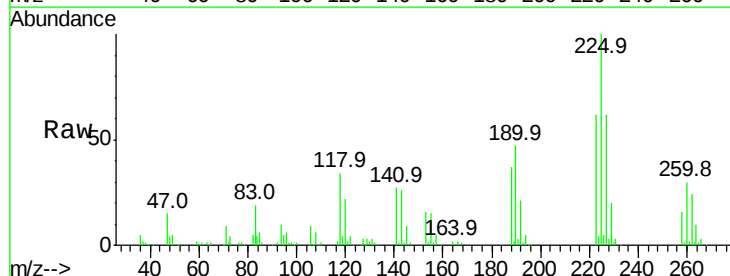
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	338775
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.2	39.2
65	28.1	27.8	41.8
92	18.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.87 ng
RT: 9.99 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion:	225	Resp:	137897
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	62.4	51.1	76.7





#35

Caprolactam

Concen: 7.19 ng

RT: 10.64 min Scan# 1479

Delta R.T. 0.10 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampled :

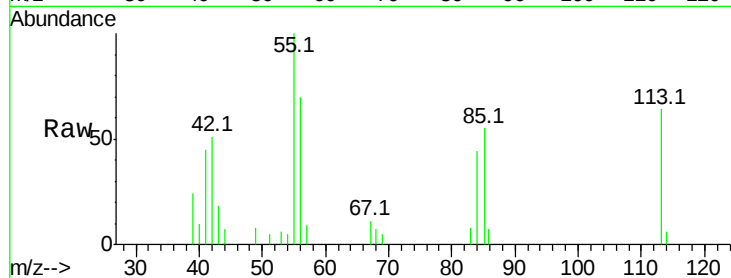
Tot Ion:113 Resp: 13208

Ion Ratio Lower Upper

113 100

55 156.6 150.2 190.2

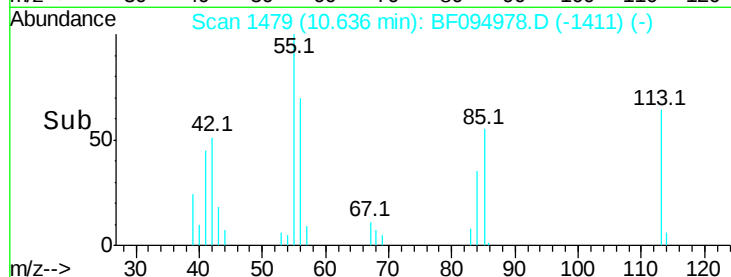
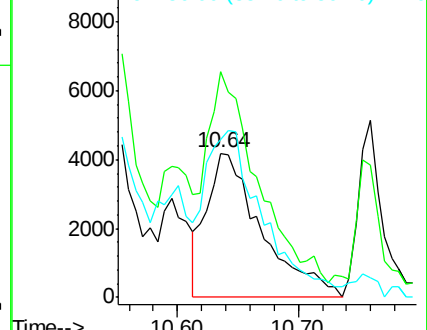
56 109.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.58 ng

RT: 10.76 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

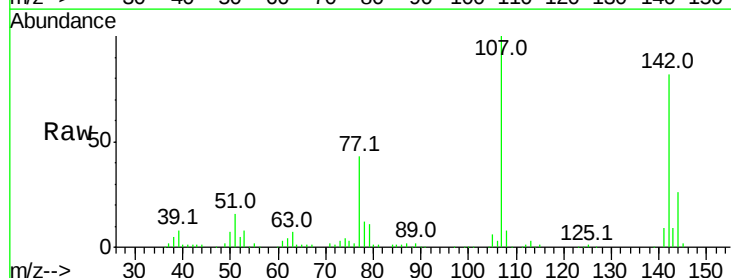
Tgt Ion:107 Resp: 245798

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

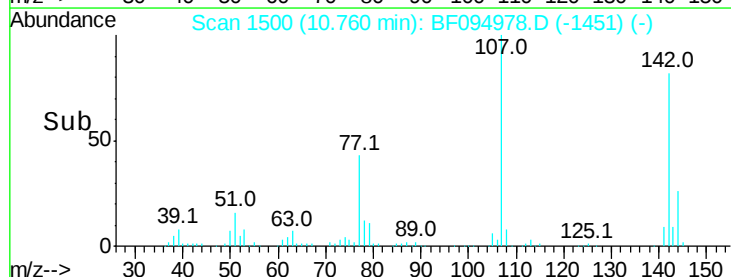
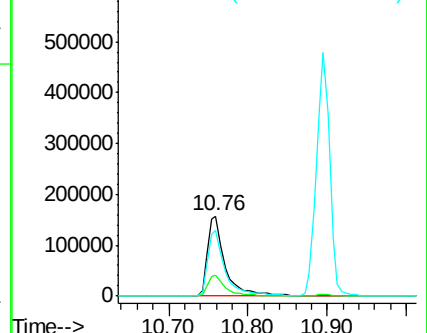
142 81.7 73.4 110.0

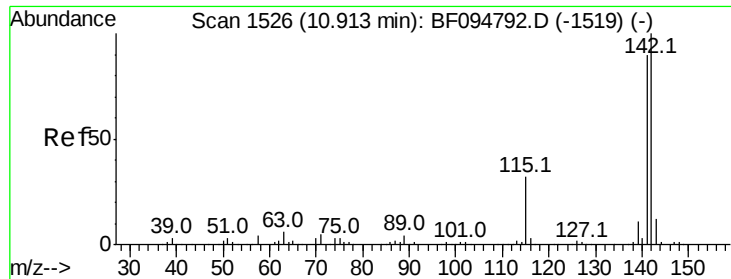


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

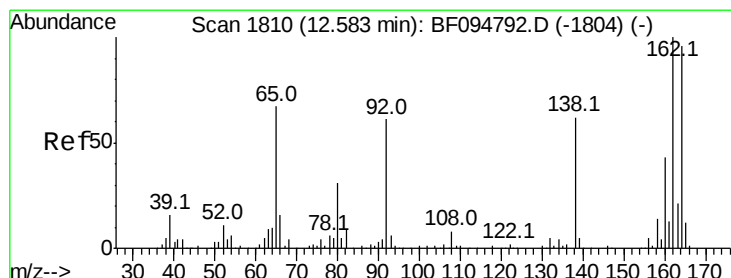
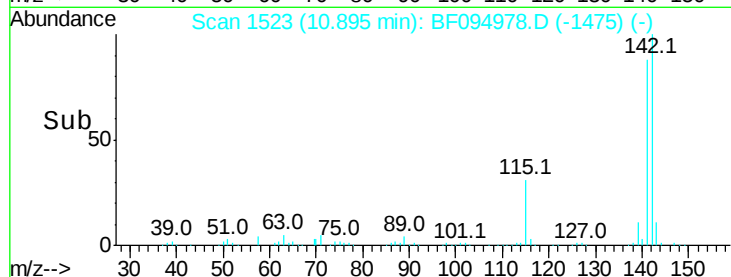
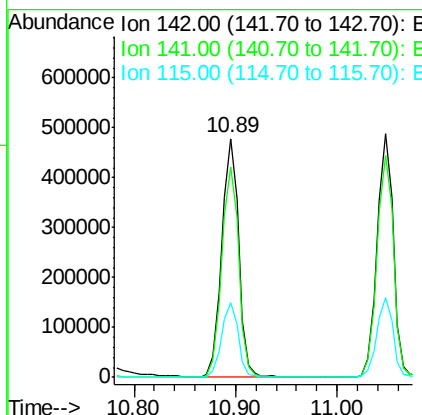
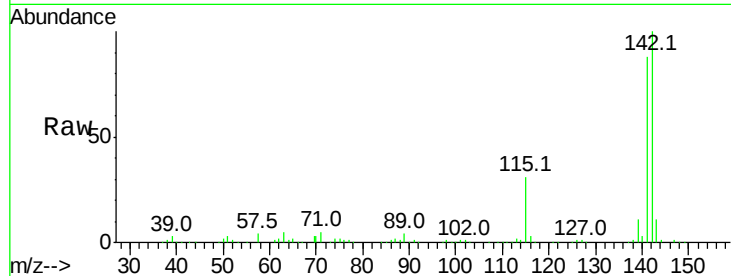




#37
2-Methylnaphthalene
Concen: 37.82 ng
RT: 10.89 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

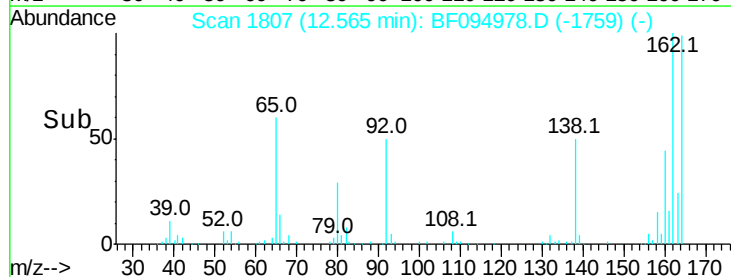
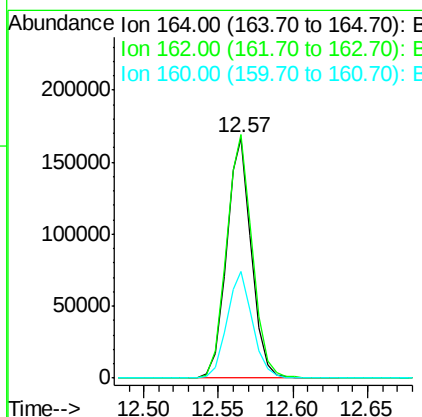
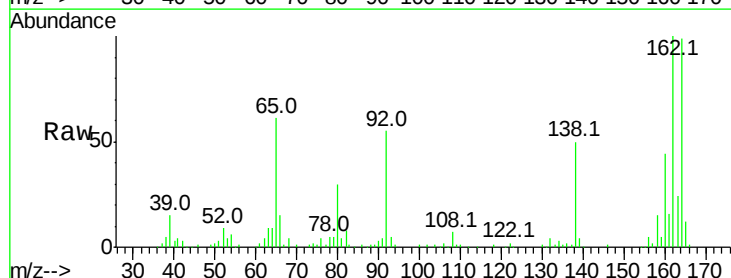
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 557389
Ion Ratio Lower Upper
142 100
141 88.1 71.3 106.9
115 31.3 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: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion:164 Resp: 194019
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 44.7 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.84 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 243667

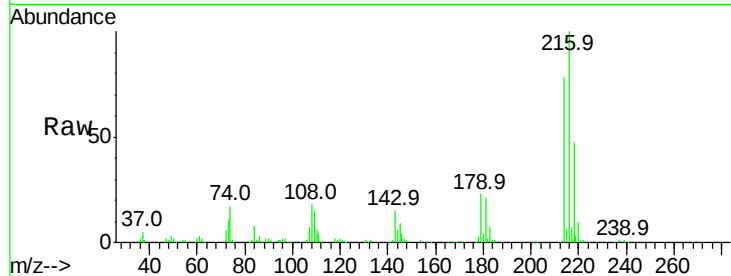
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.3 17.9 26.9

108 19.0 16.5 24.7

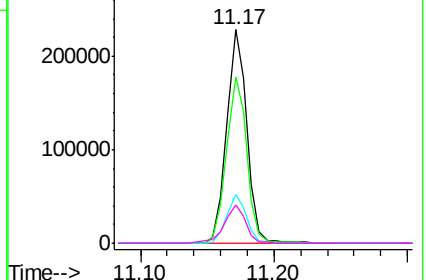
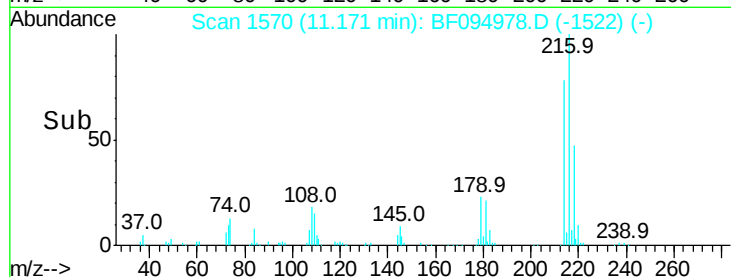


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.79 ng

RT: 11.15 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

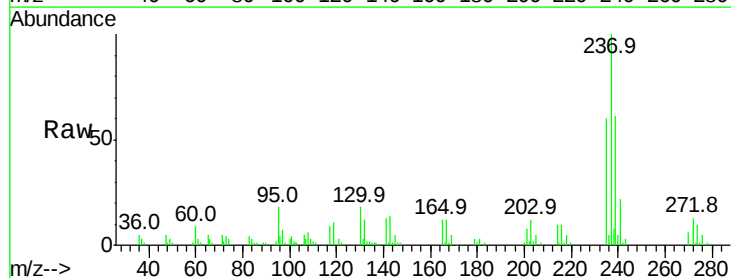
Tgt Ion:237 Resp: 80692

Ion Ratio Lower Upper

237 100

235 60.2 42.6 82.6

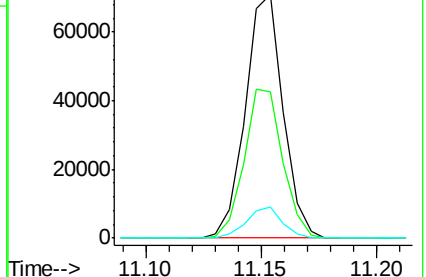
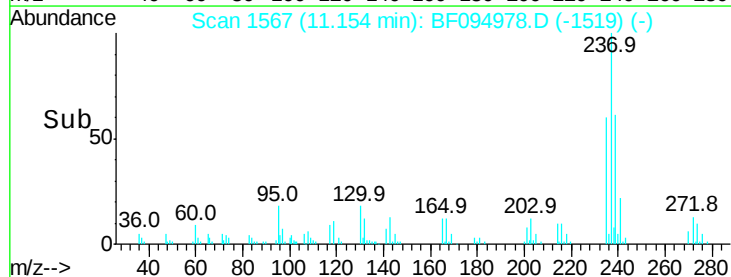
272 12.8 0.0 31.9



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

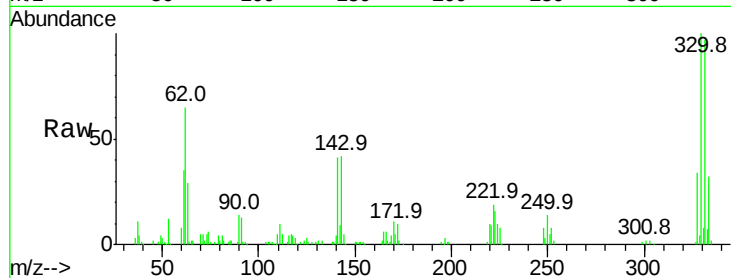




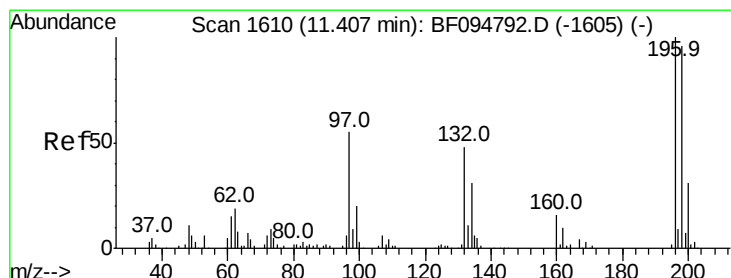
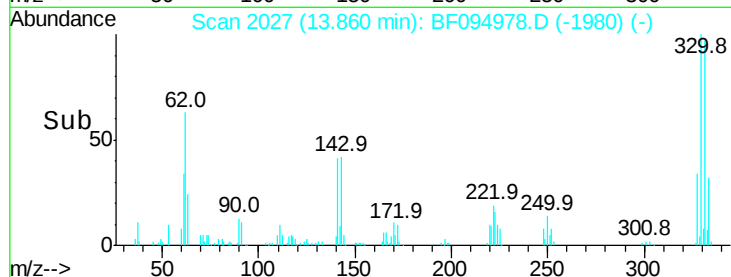
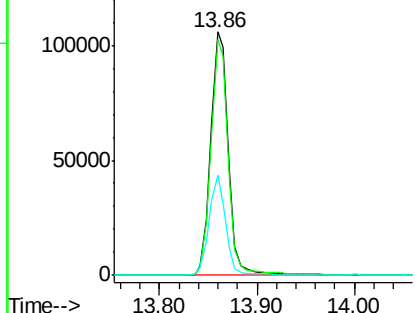
#41
 2,4,6-Tribromophenol
 Concen: 83.63 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	38.3	31.4	47.2

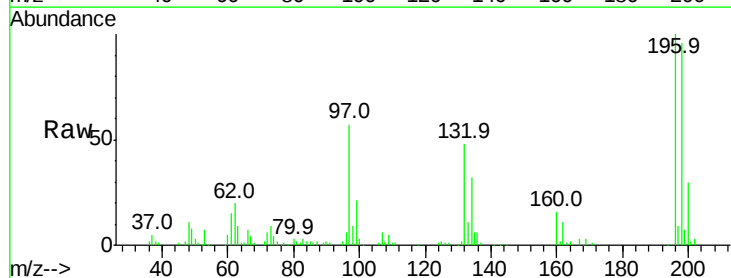


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

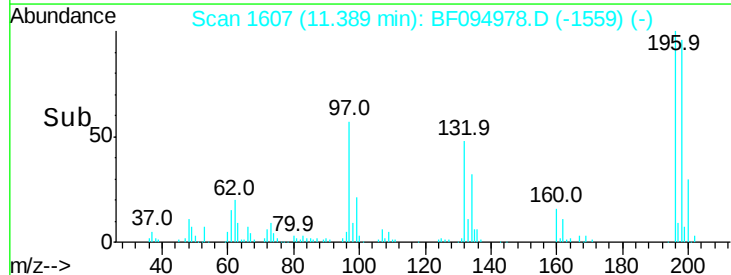
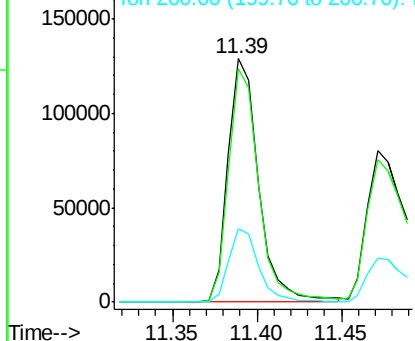


#42
 2,4,6-Trichlorophenol
 Concen: 40.72 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.2	111.4
200	30.1	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

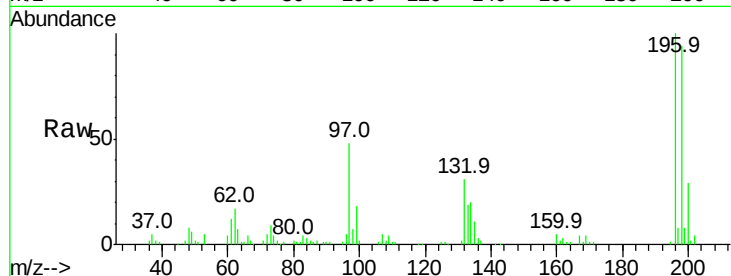




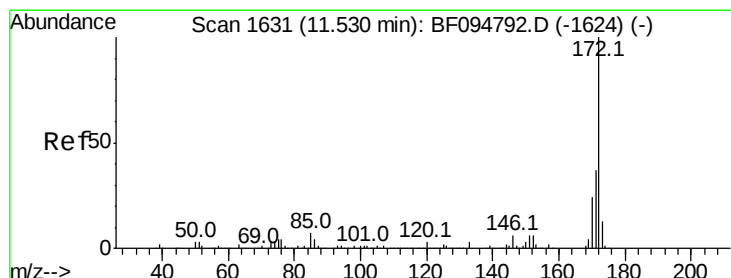
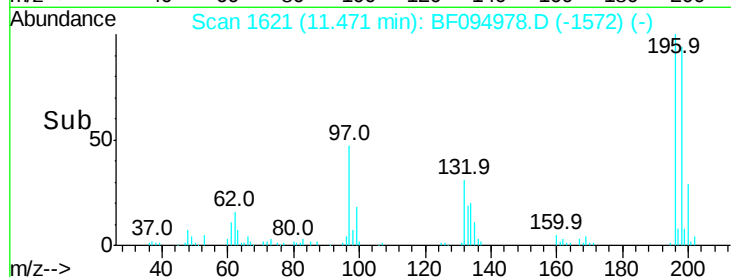
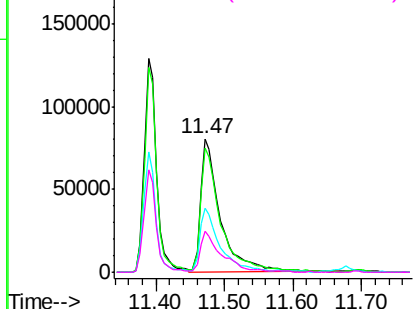
#43
2,4,5-Trichlorophenol
Concen: 37.96 ng
RT: 11.47 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 162549
Ion Ratio Lower Upper
196 100
198 93.6 75.7 113.5
97 47.8 47.7 71.5
132 31.2 28.0 42.0

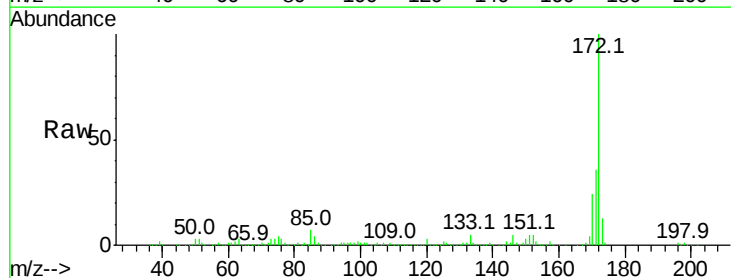


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

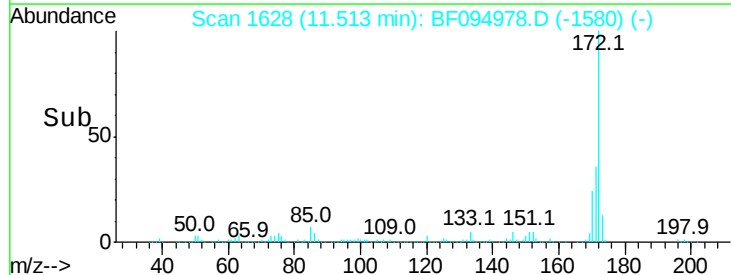
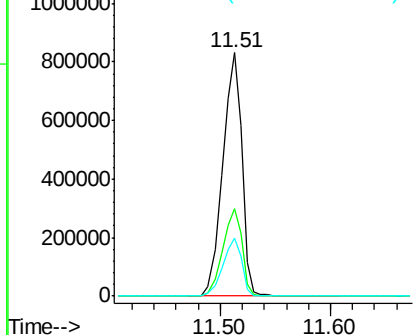


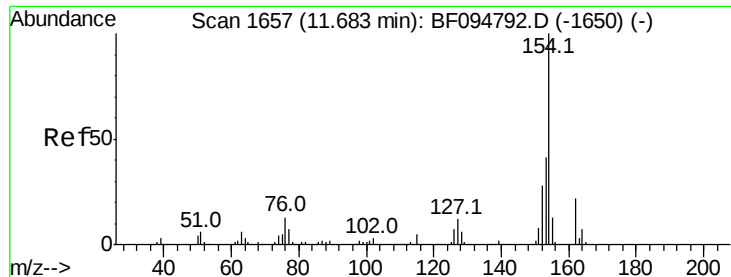
#44
2-Fluorobiphenyl
Concen: 74.68 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion:172 Resp: 1006658
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 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: 40.10 ng

RT: 11.67 min Scan# 1654

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :

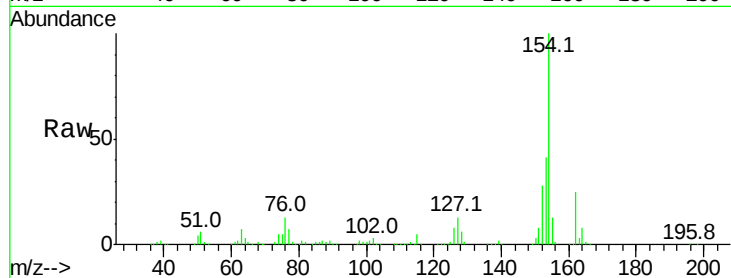
Tot Ion:154 Resp: 654968

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

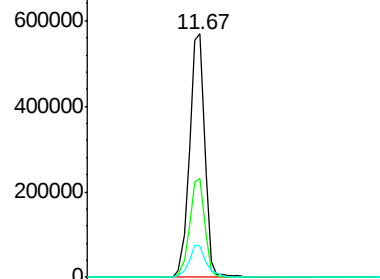
76 12.5 0.0 29.9



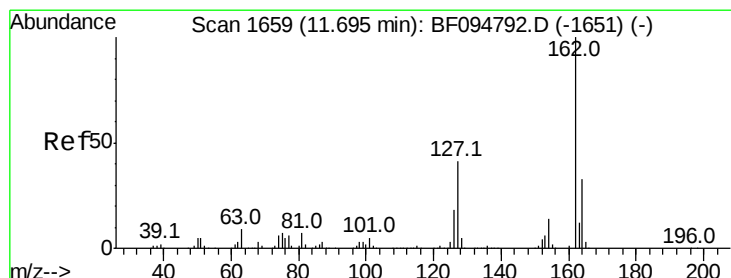
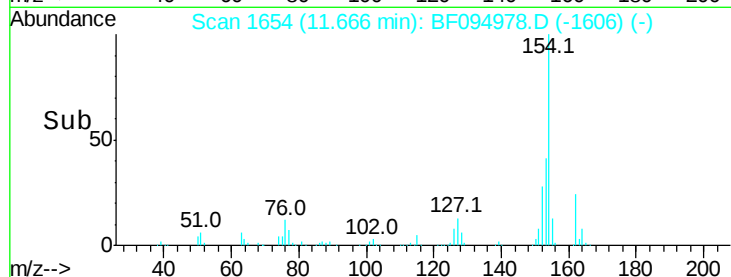
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 40.27 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

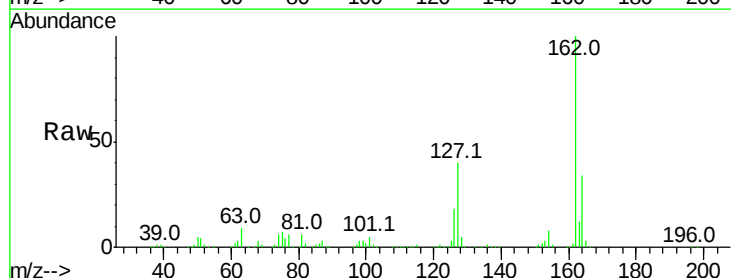
Tgt Ion:162 Resp: 531165

Ion Ratio Lower Upper

162 100

127 40.4 28.3 42.5

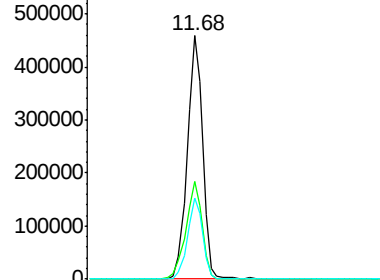
164 33.5 27.0 40.4



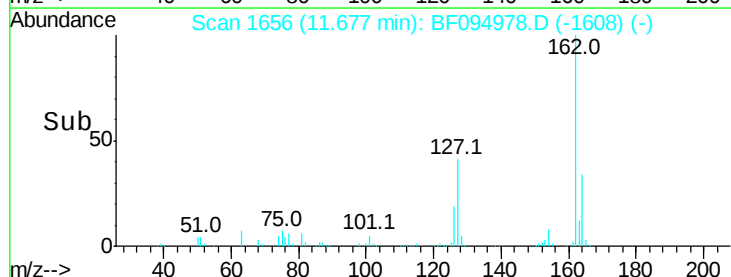
Abundance Ion 162.00 (161.70 to 162.70): E

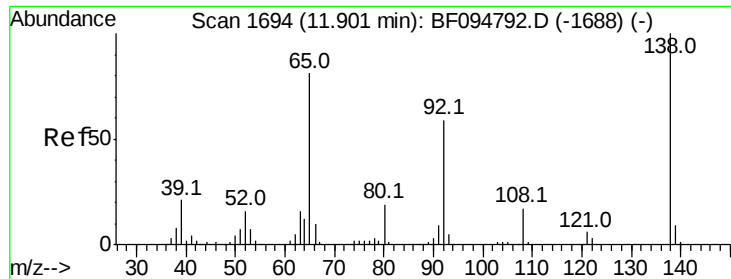
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

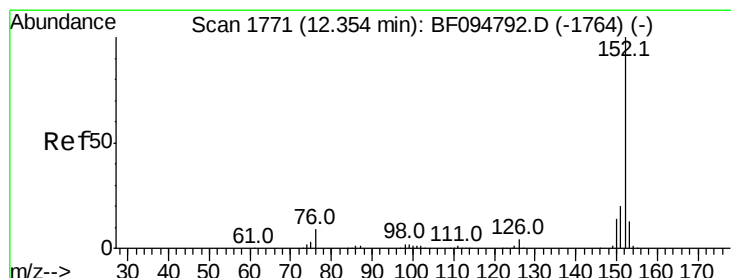
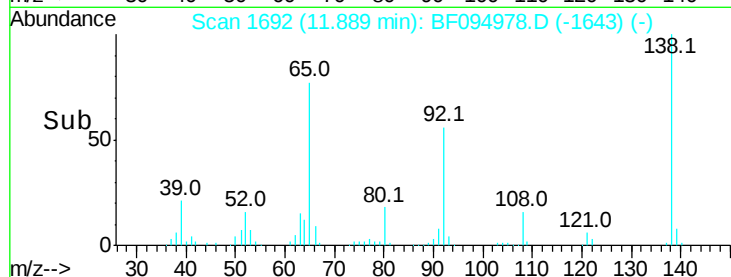
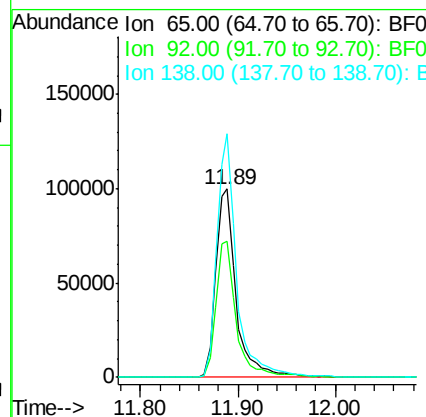
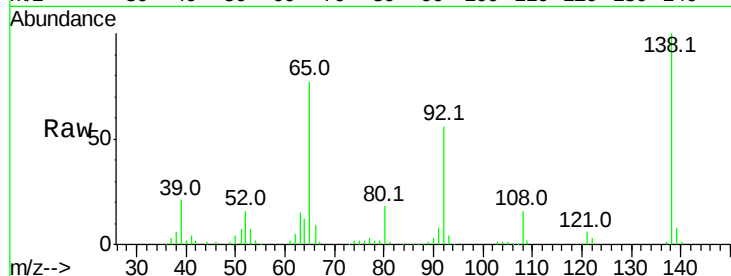




#47
 2-Nitroaniline
 Concen: 40.08 ng
 RT: 11.89 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

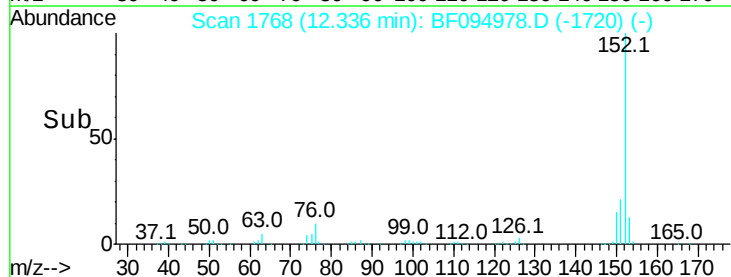
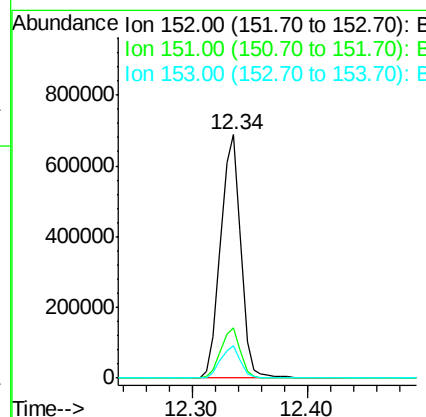
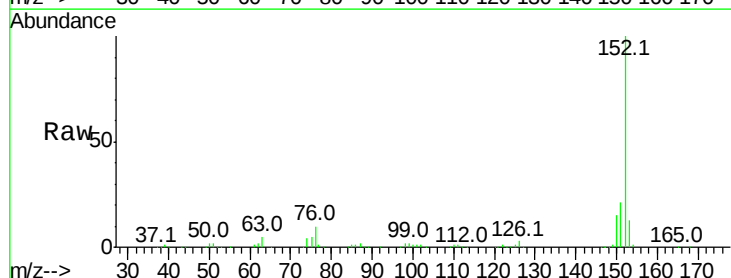
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 144680
 Ion Ratio Lower Upper
 65 100
 92 72.4 53.9 80.9
 138 129.2 78.8 118.2#



#48
 Acenaphthylene
 Concen: 40.27 ng
 RT: 12.34 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion: 152 Resp: 832031
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 37.08 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampled :

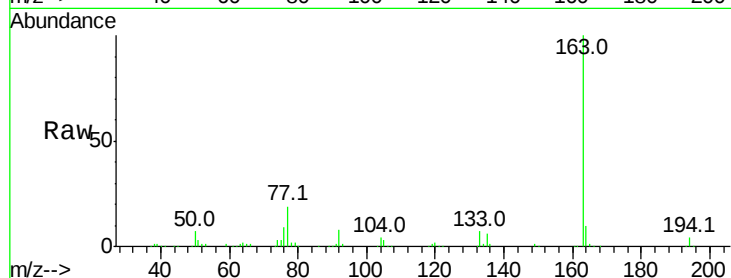
Tot Ion:163 Resp: 590646

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

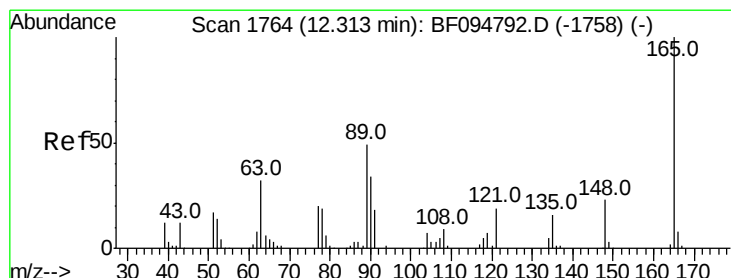
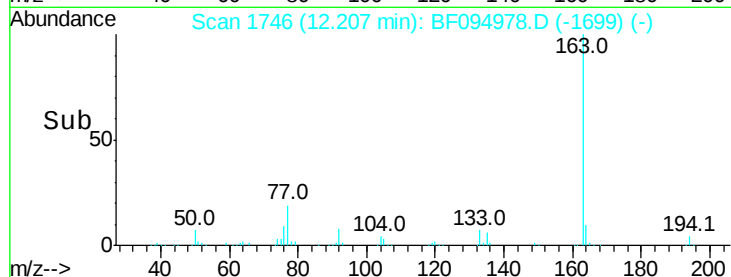
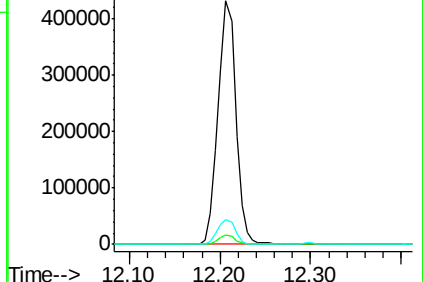
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.01 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

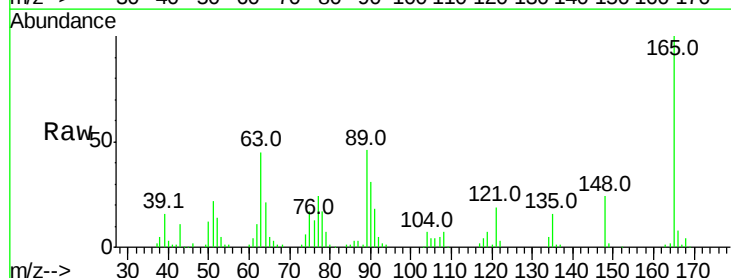
Tgt Ion:165 Resp: 133268

Ion Ratio Lower Upper

165 100

63 45.1 34.3 51.5

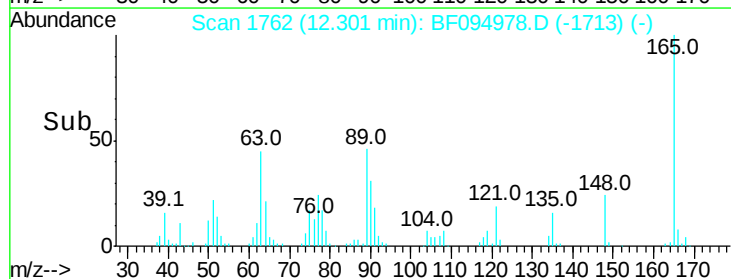
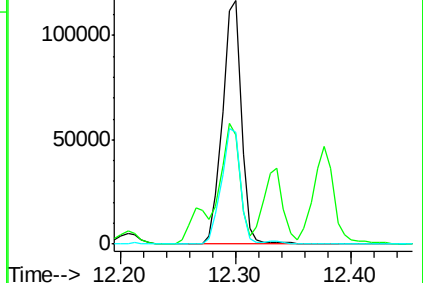
89 45.9 37.1 55.7

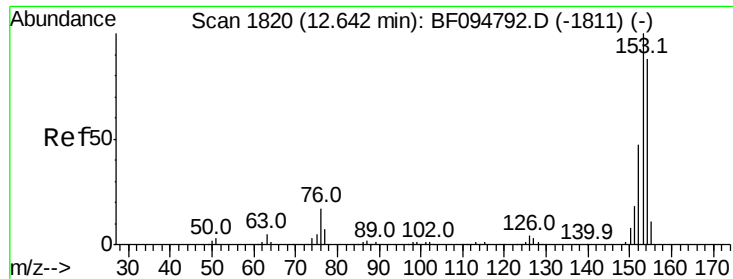


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

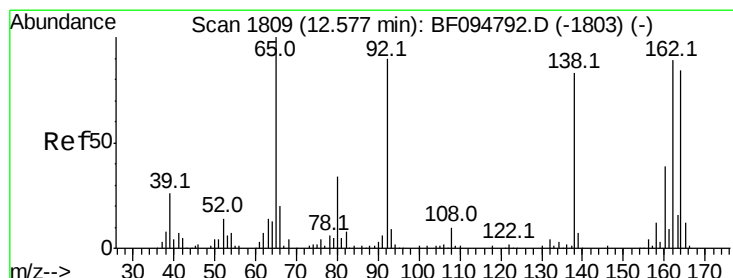
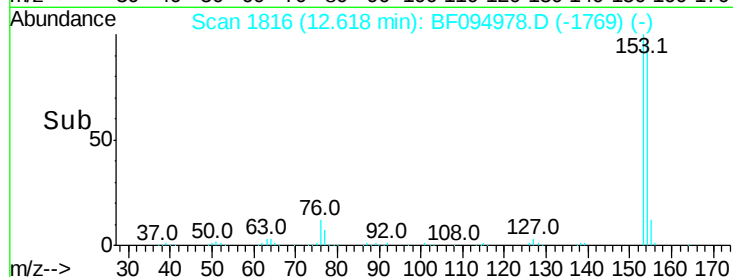
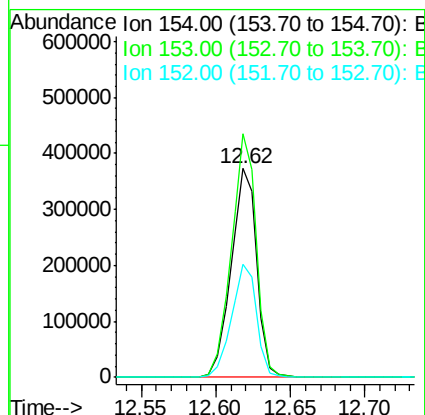
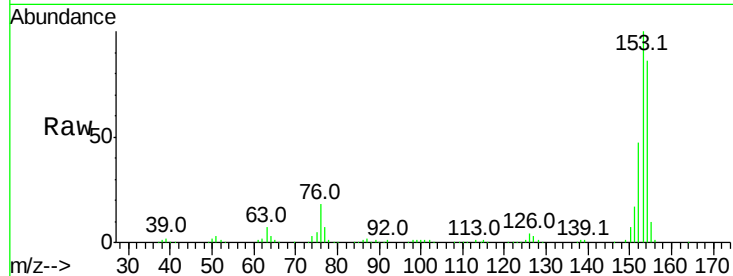




#51
Acenaphthene
Concen: 36.32 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

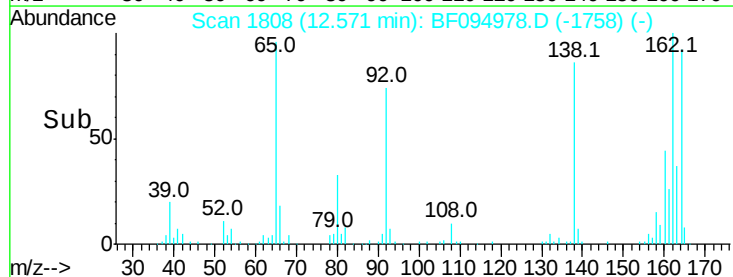
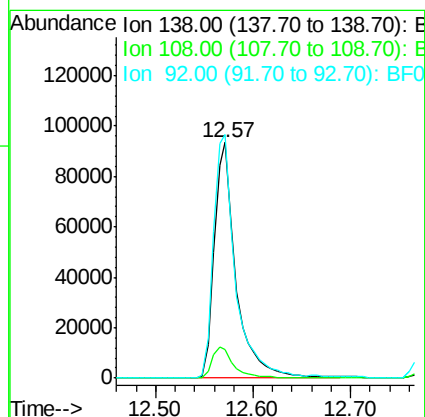
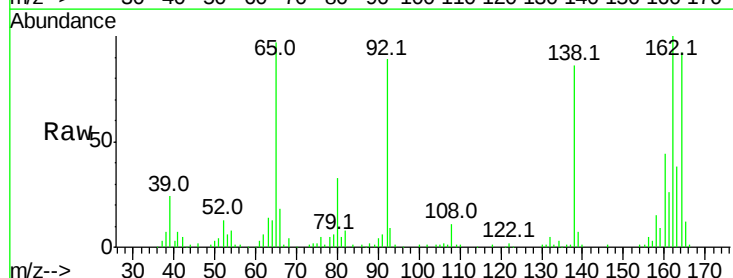
Instrument :
BNA_F
ClientSampled :

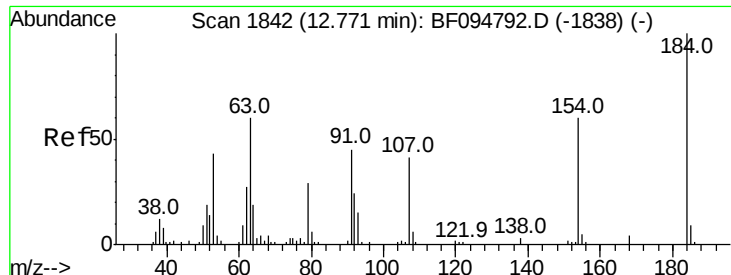
Tot Ion:154 Resp: 448187
Ion Ratio Lower Upper
154 100
153 116.7 90.5 135.7
152 54.4 43.6 65.4



#52
3-Nitroaniline
Concen: 41.39 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion:138 Resp: 144353
Ion Ratio Lower Upper
138 100
108 12.3 9.1 13.7
92 103.4 93.8 140.6

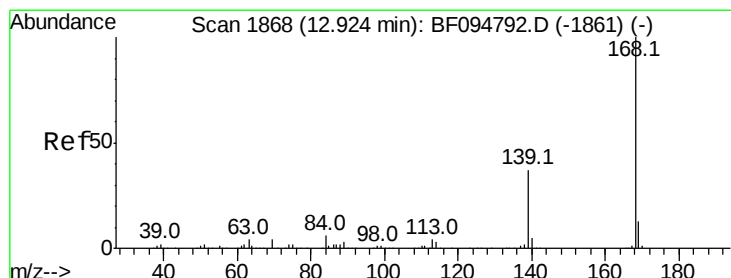
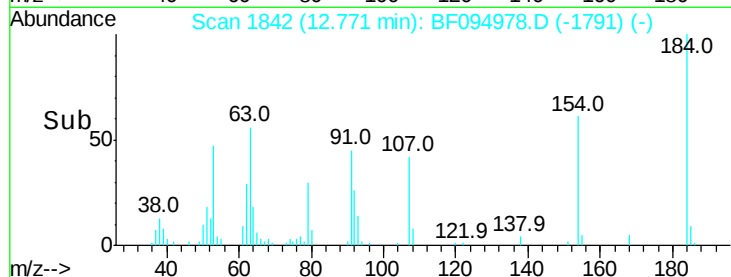
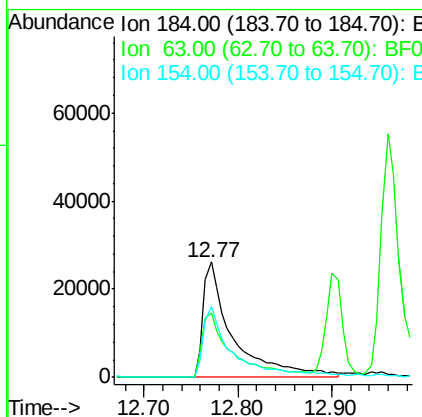
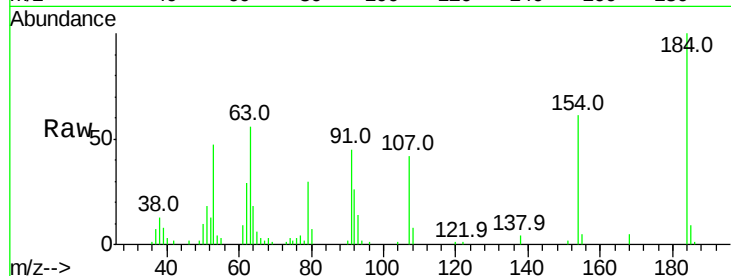




#53
 2,4-Dinitrophenol
 Concen: 36.13 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

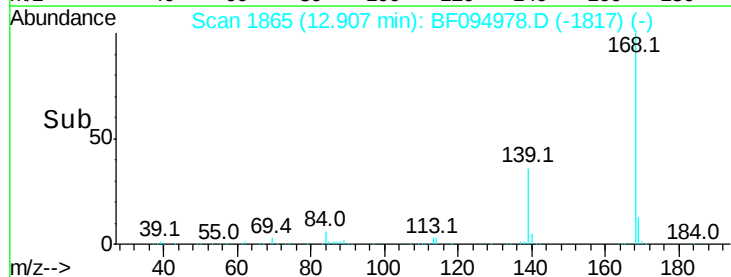
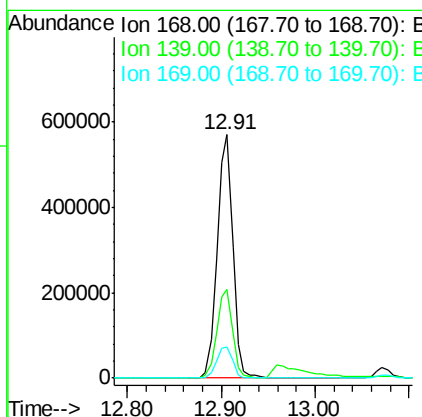
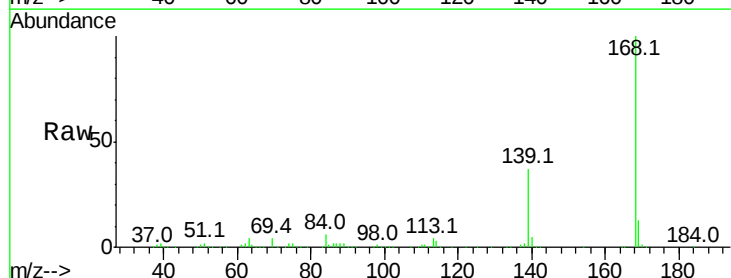
Instrument :
 BNA_F
 ClientSampled :

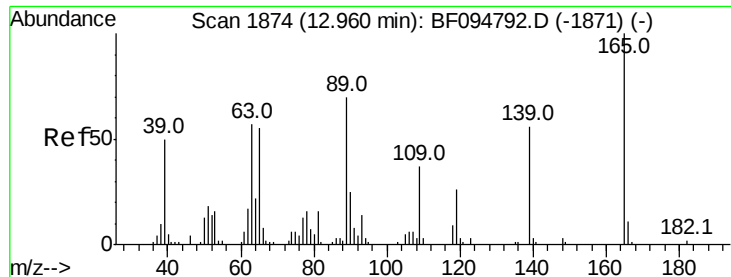
Tot Ion:184 Resp: 58015
 Ion Ratio Lower Upper
 184 100
 63 55.7 62.7 94.1#
 154 61.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.13 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion:168 Resp: 668102
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.6 45.8
 169 12.6 10.8 16.2

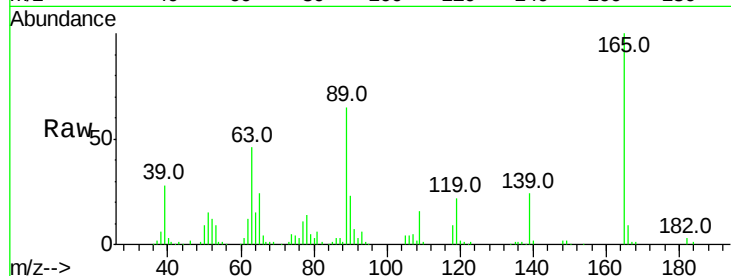




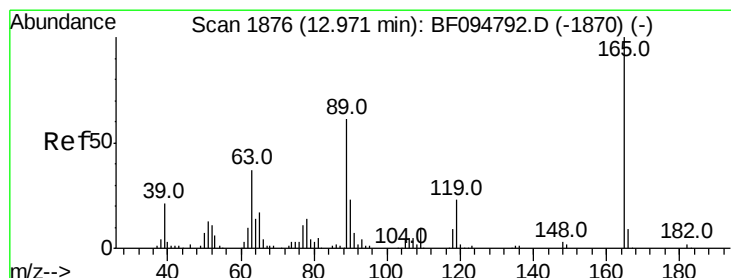
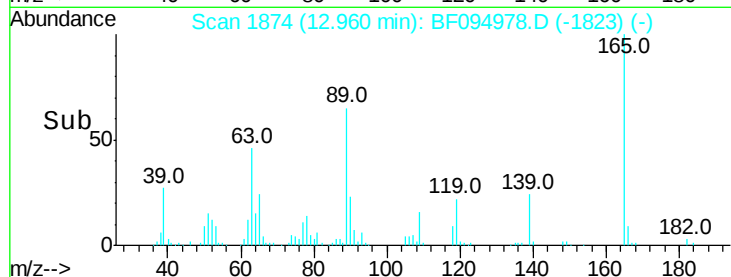
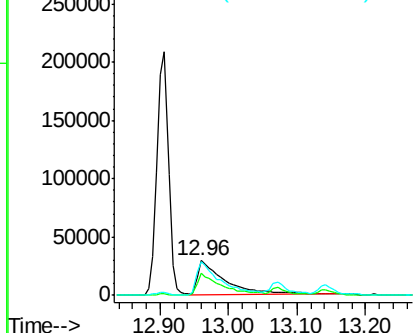
#55
4-Nitrophenol
Concen: 40.43 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 84687
Ion Ratio Lower Upper
139 100
109 63.3 34.1 74.1
65 98.5 31.4 71.4#



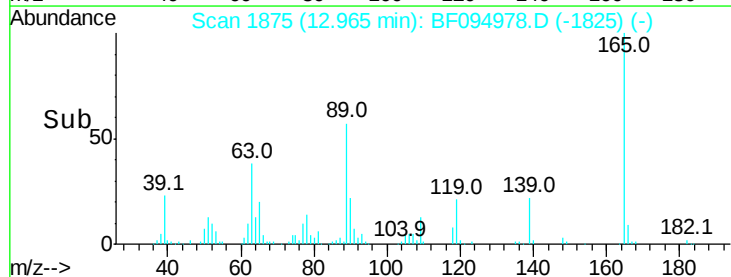
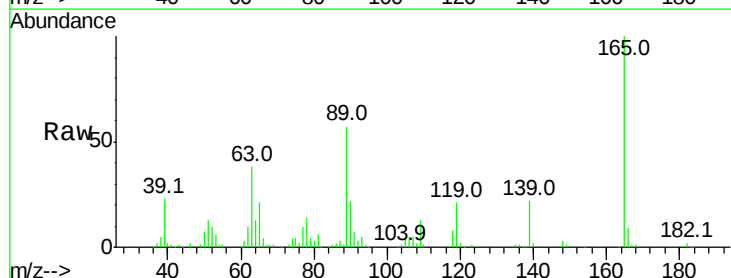
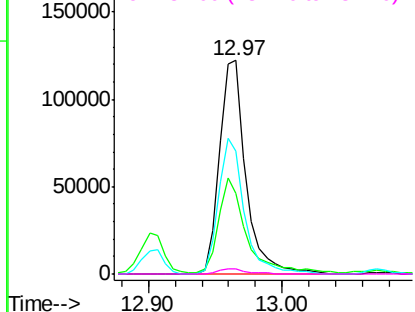
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

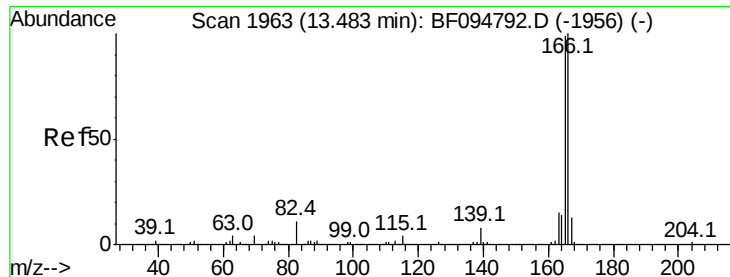


#56
2,4-Dinitrotoluene
Concen: 40.90 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion:165 Resp: 170787
Ion Ratio Lower Upper
165 100
63 37.9 25.4 38.0
89 57.4 46.4 69.6
182 2.2 1.8 2.6

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





#57

Fluorene

Concen: 39.42 ng

RT: 13.46 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :

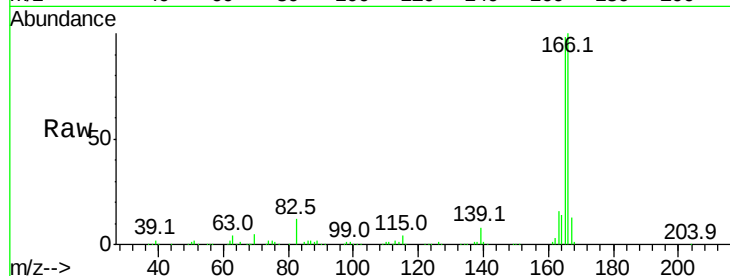
Tot Ion:166 Resp: 585319

Ion Ratio Lower Upper

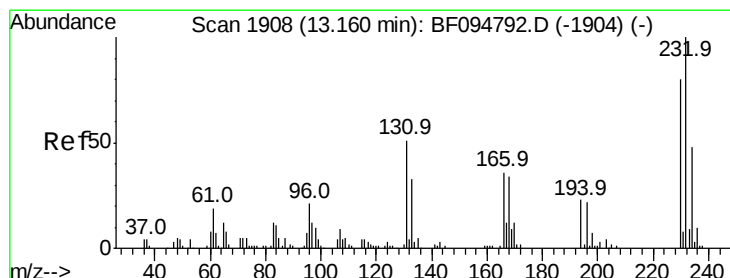
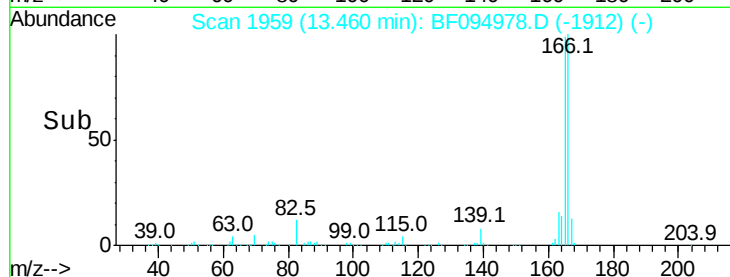
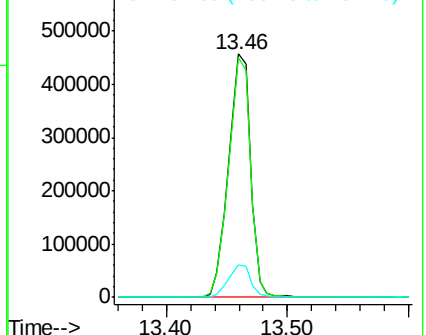
166 100

165 98.4 78.8 118.2

167 13.5 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: 41.95 ng

RT: 13.14 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Tgt Ion:232 Resp: 113030

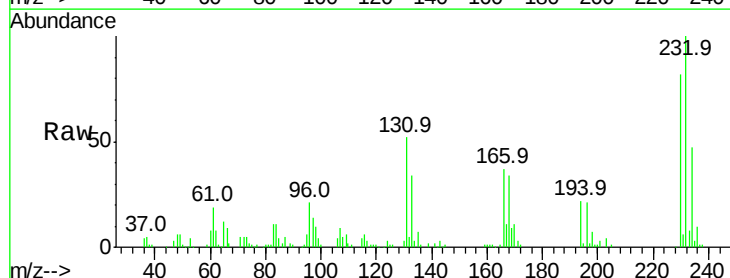
Ion Ratio Lower Upper

232 100

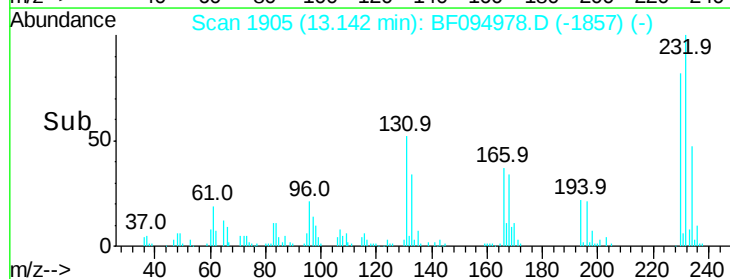
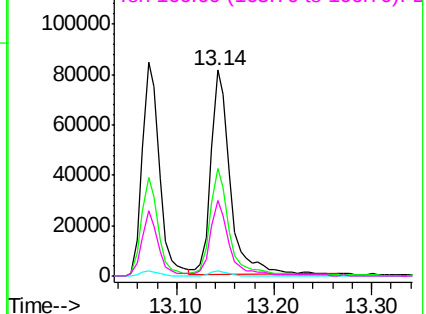
131 51.7 44.8 67.2

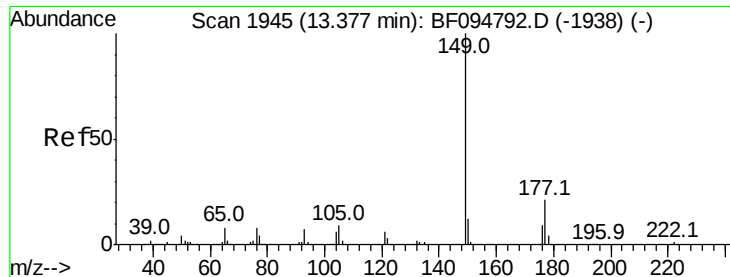
130 2.3 2.3 3.5#

166 36.5 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

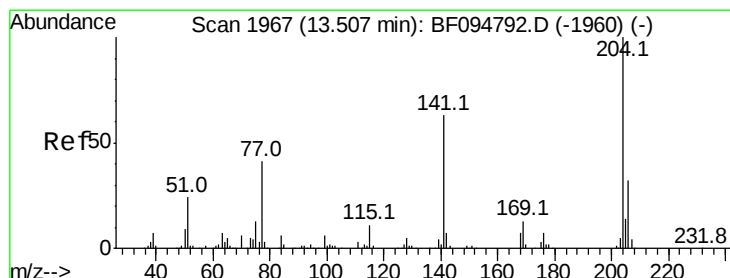
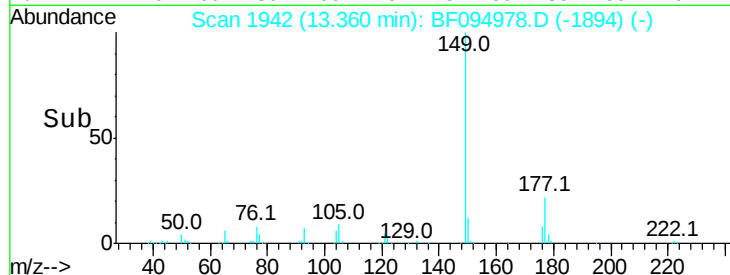
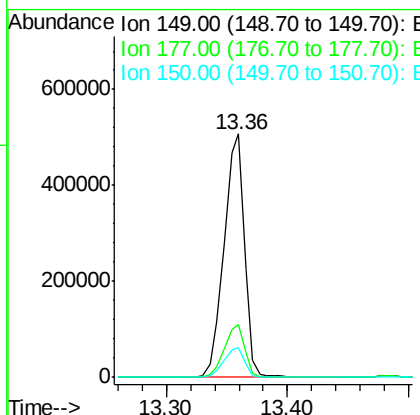
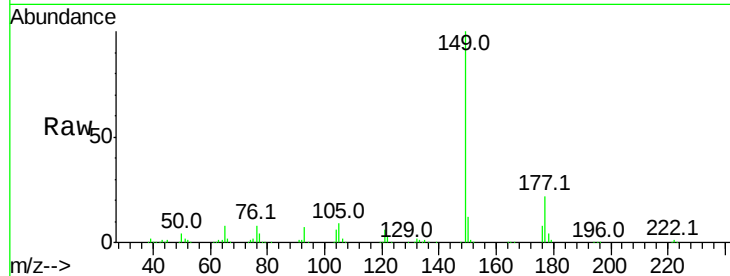




#59
Diethylphthalate
Concen: 38.95 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

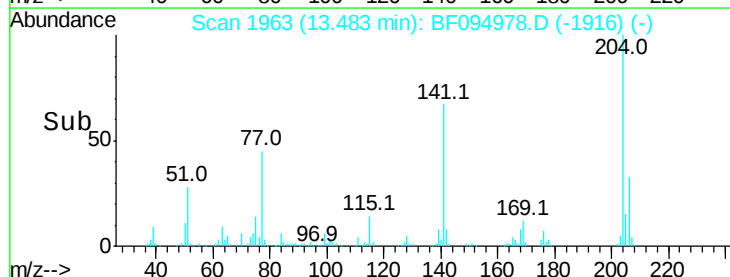
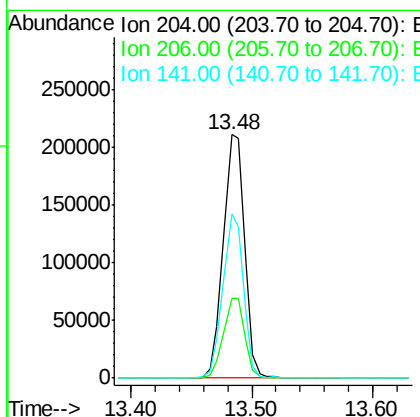
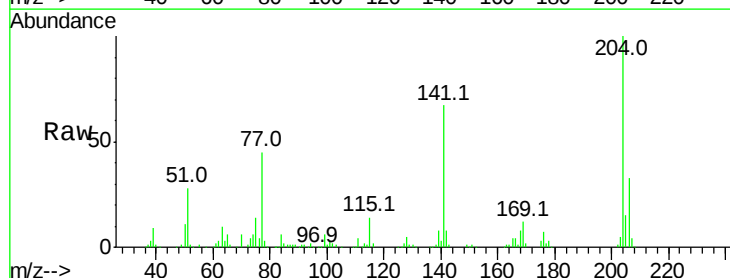
Instrument :
BNA_F
ClientSampleId :

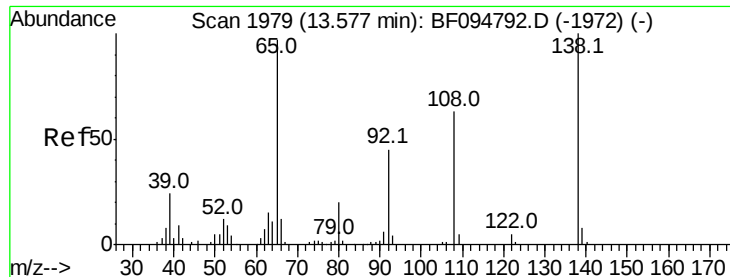
Tot Ion:149 Resp: 594652
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.39 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion:204 Resp: 257063
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 67.2 60.8 91.2

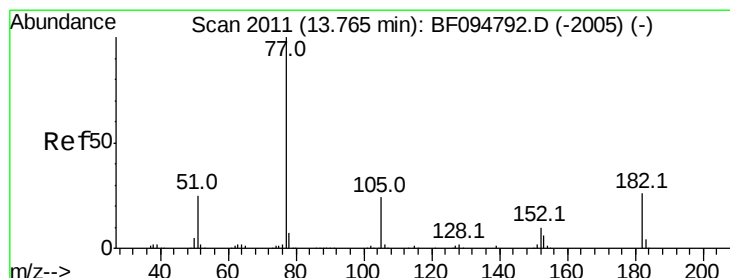
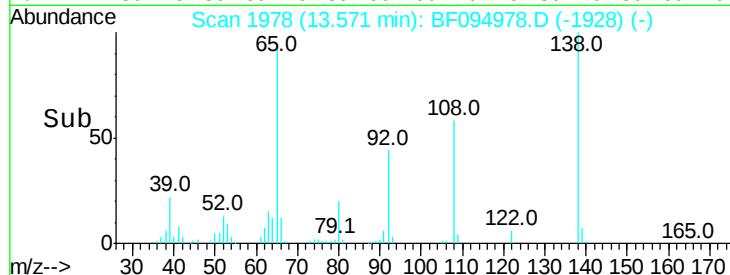
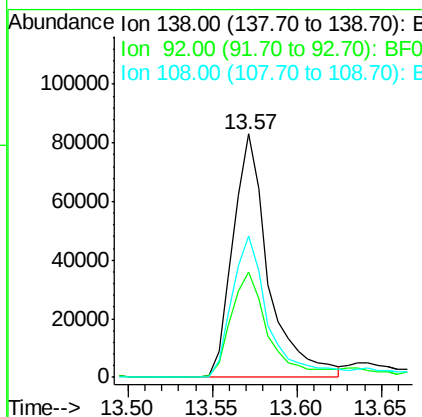
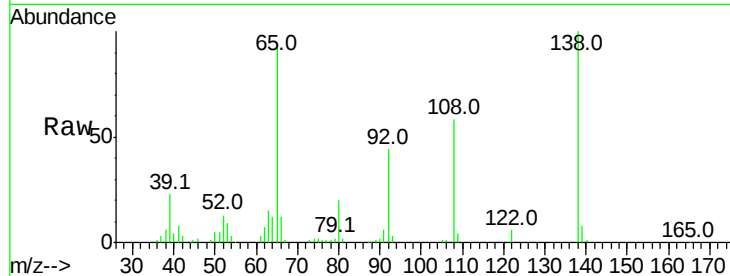




#61
 4-Nitroaniline
 Concen: 38.04 ng
 RT: 13.57 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

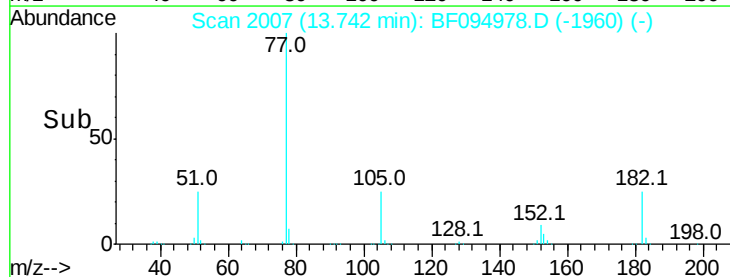
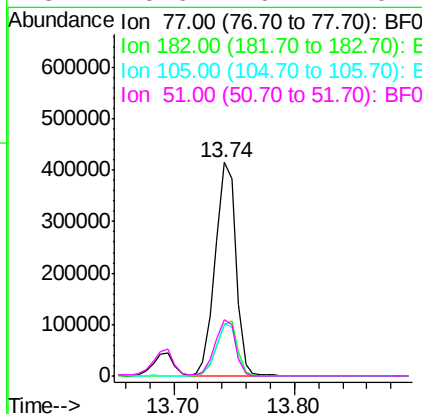
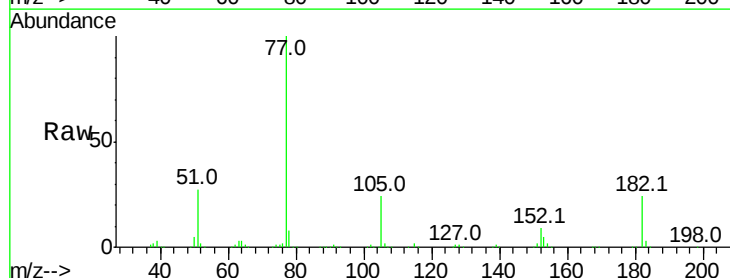
Instrument :
 BNA_F
 ClientSampled :

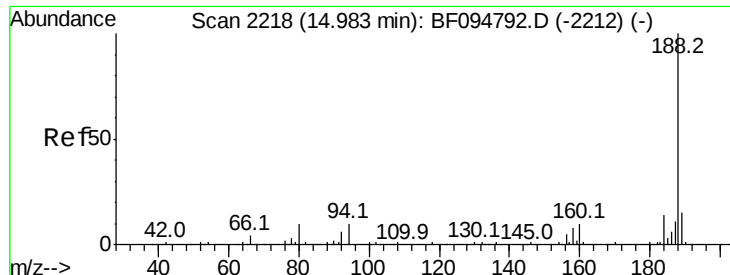
Tot Ion	Ratio	Lower	Upper
138	100		
92	43.5	21.8	61.8
108	57.8	42.3	82.3



#62
 Azobenzene
 Concen: 39.71 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	0.1	40.1
105	24.4	3.6	43.6
51	26.6	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: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :

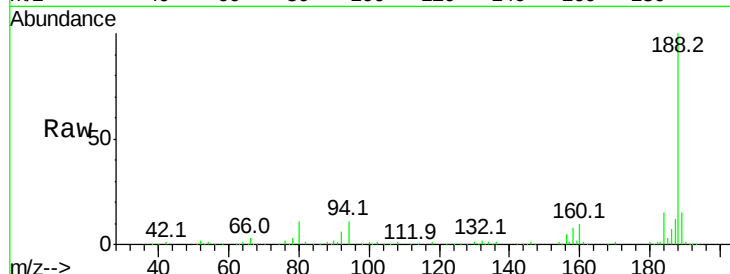
Tot Ion:188 Resp: 345192

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

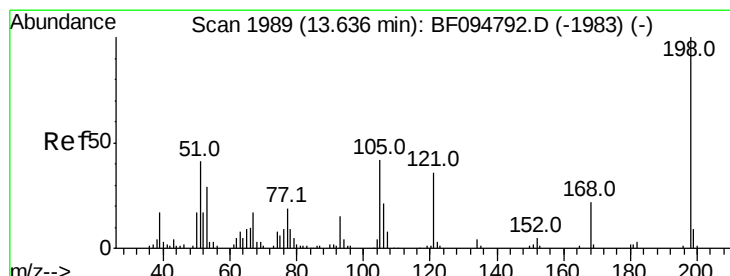
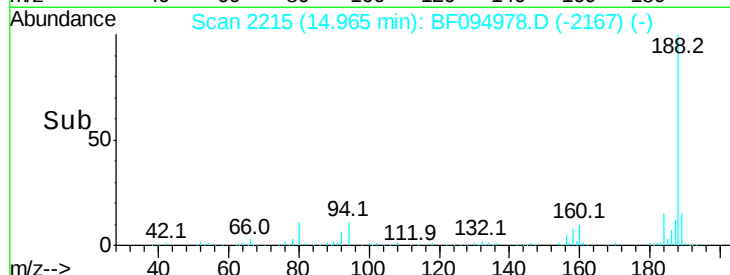
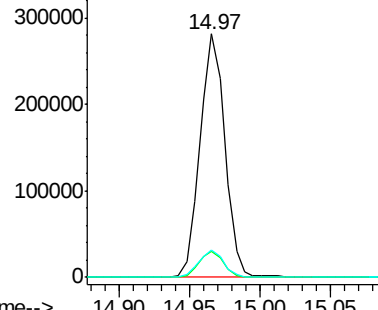
80 11.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.36 ng

RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

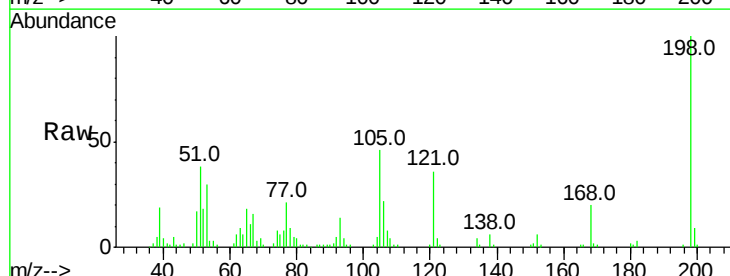
Tgt Ion:198 Resp: 95721

Ion Ratio Lower Upper

198 100

51 38.4 53.2 93.2#

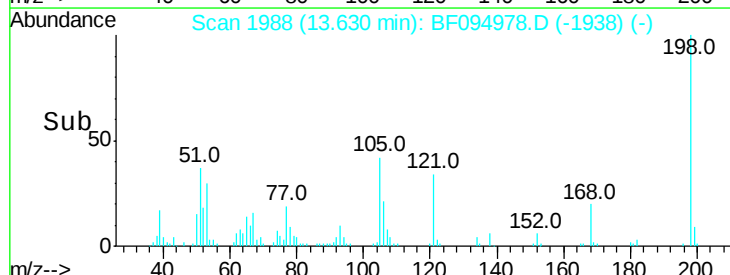
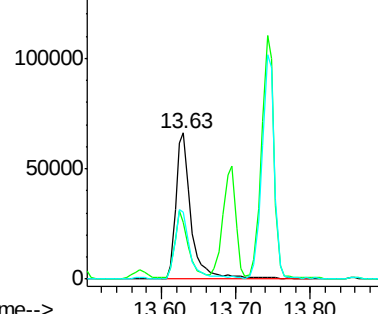
105 45.7 45.8 85.8#

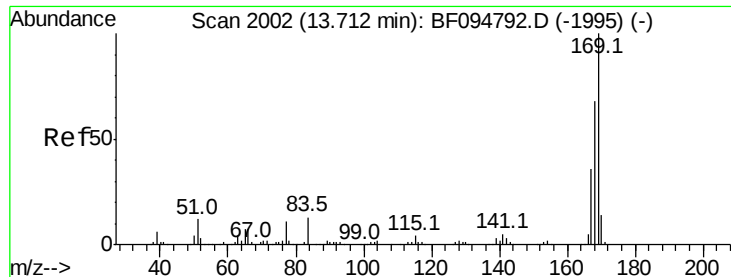


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.67 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampled :

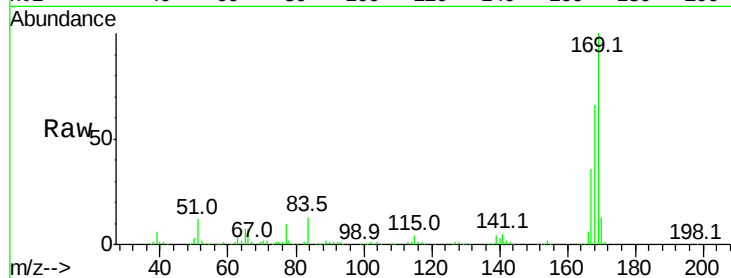
Tot Ion:169 Resp: 496988

Ion Ratio Lower Upper

169 100

168 66.3 53.2 79.8

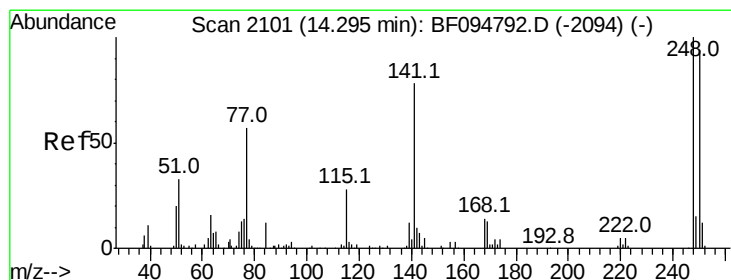
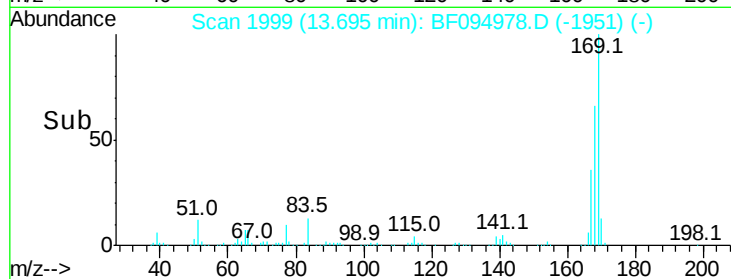
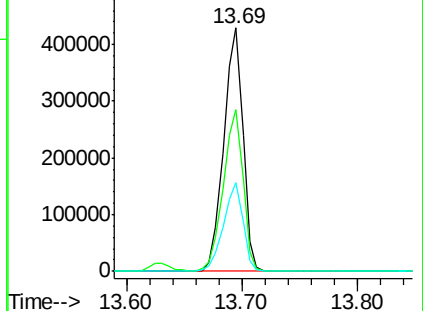
167 36.2 29.5 44.3



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: 37.01 ng

RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

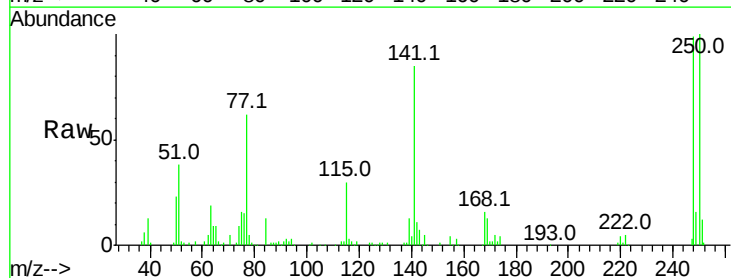
Tgt Ion:248 Resp: 134960

Ion Ratio Lower Upper

248 100

250 101.0 76.8 115.2

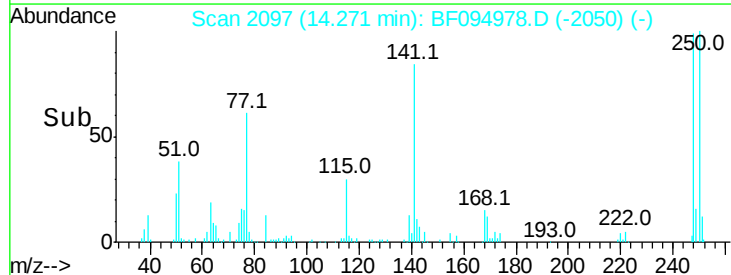
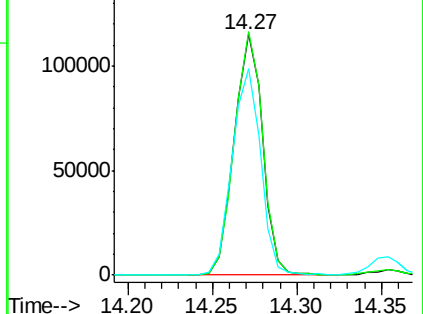
141 85.7 68.6 103.0



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: 38.25 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :

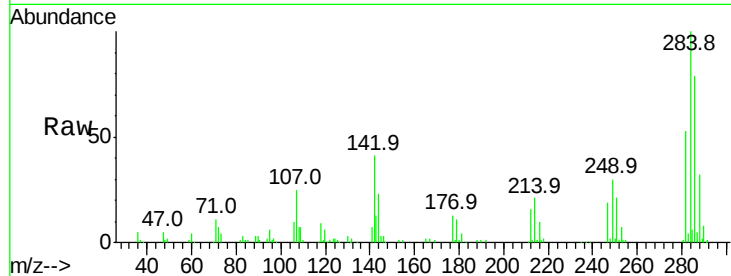
Tot Ion:284 Resp: 142973

Ion Ratio Lower Upper

284 100

142 40.7 22.8 34.2#

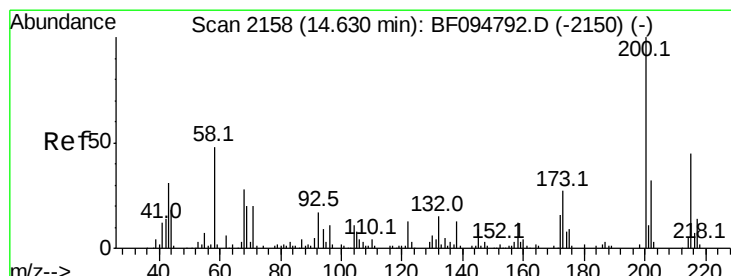
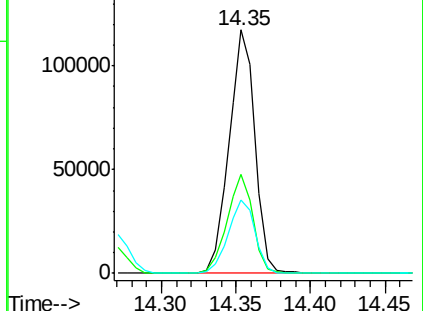
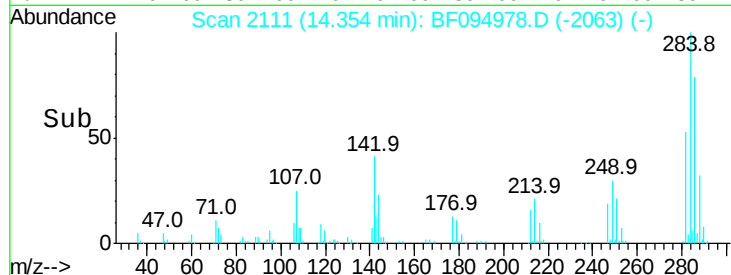
249 30.2 24.0 36.0



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: 40.05 ng

RT: 14.61 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

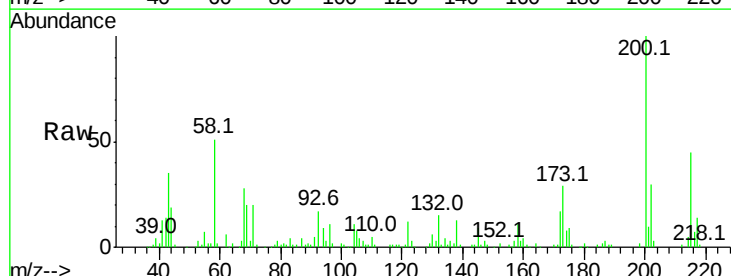
Tgt Ion:200 Resp: 141687

Ion Ratio Lower Upper

200 100

173 28.9 6.3 46.3

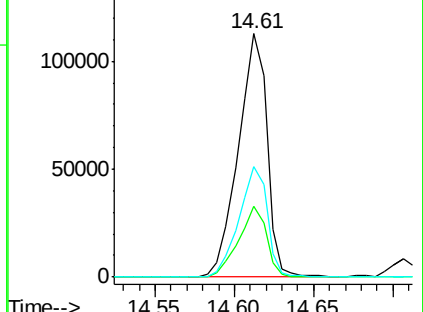
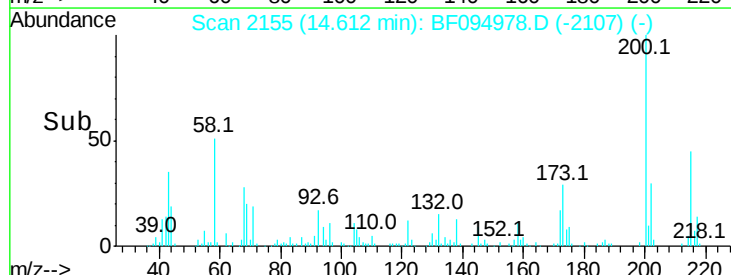
215 45.3 27.2 67.2



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

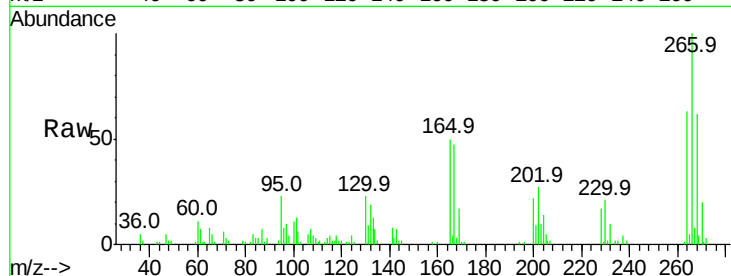




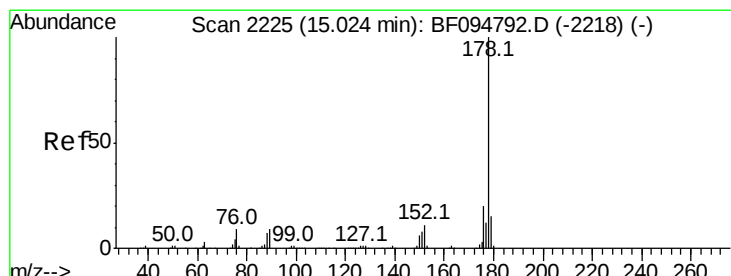
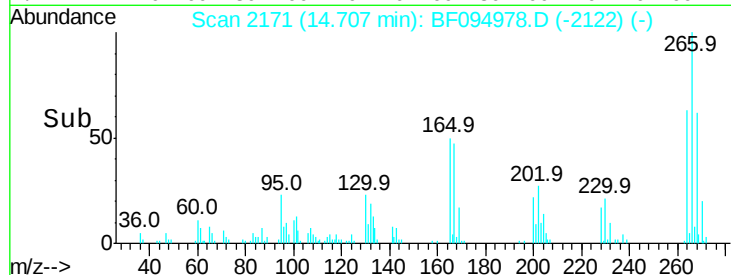
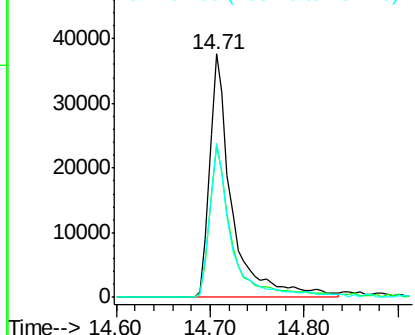
#69
 Pentachlorophenol
 Concen: 40.35 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 62892
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 63.4 51.7 77.5

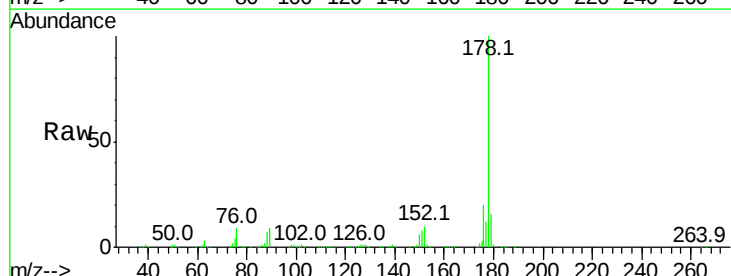


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

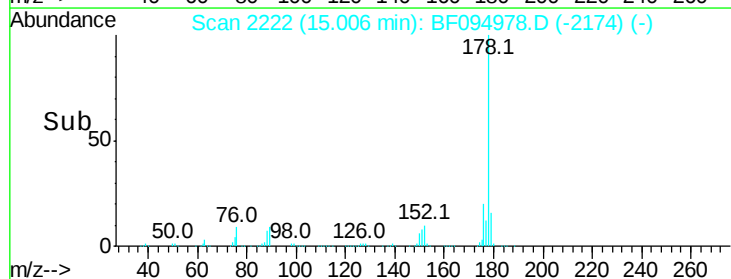
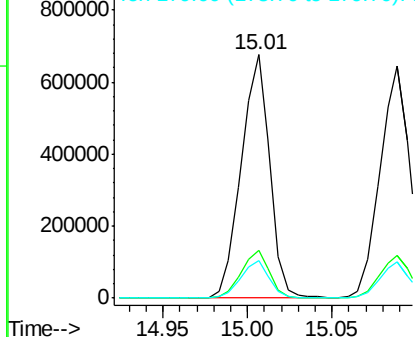


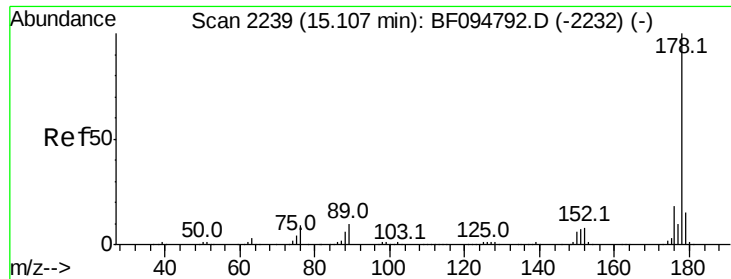
#70
 Phenanthrene
 Concen: 40.09 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion:178 Resp: 795210
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.6 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

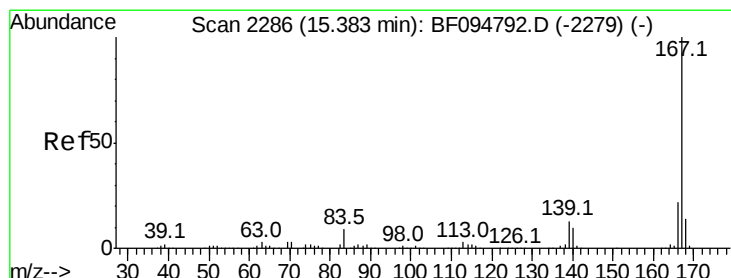
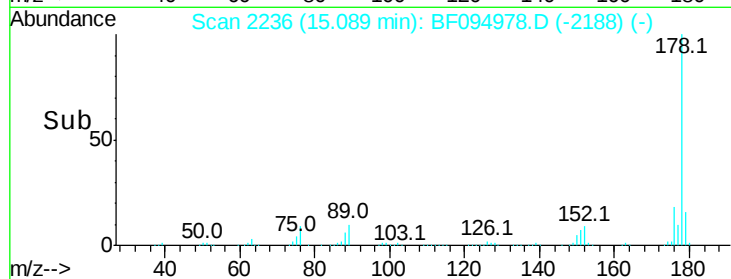
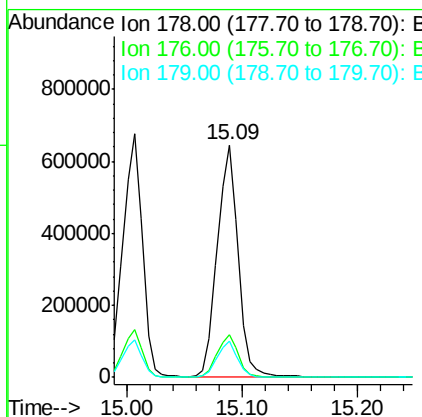
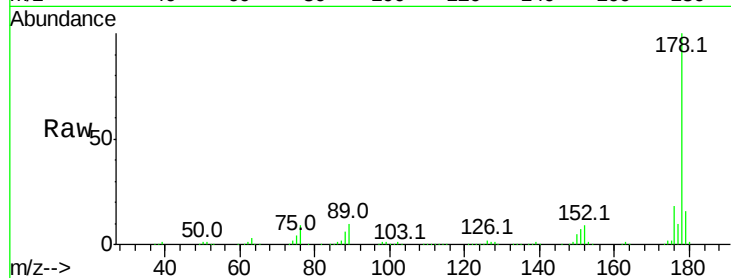




#71
 Anthracene
 Concen: 39.95 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

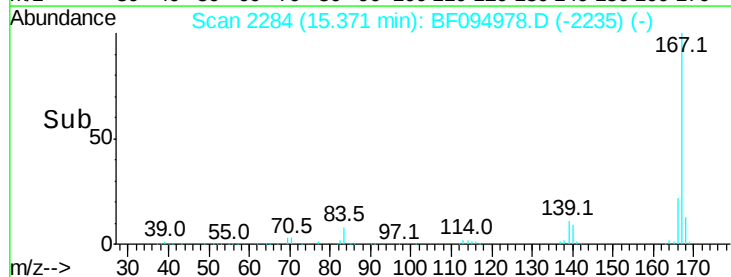
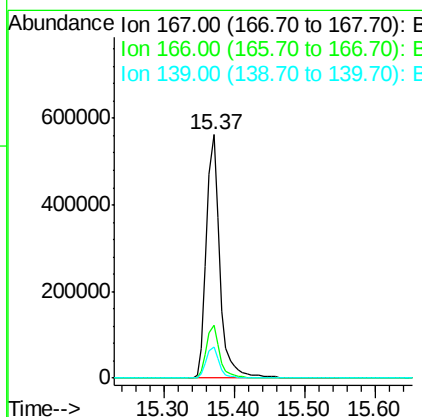
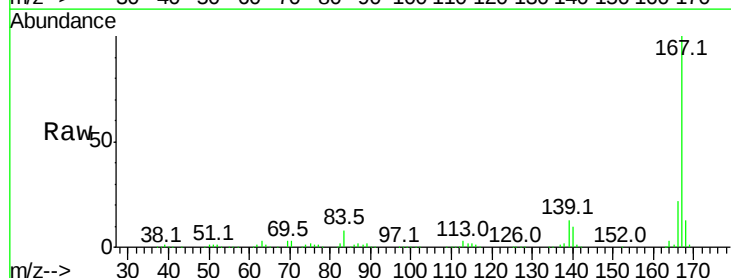
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 809413
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 40.62 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion:167 Resp: 748831
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.7 11.7 17.5

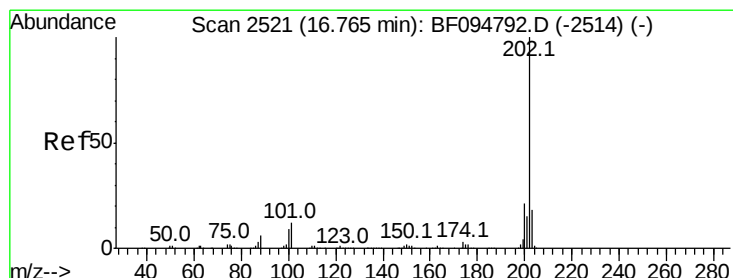
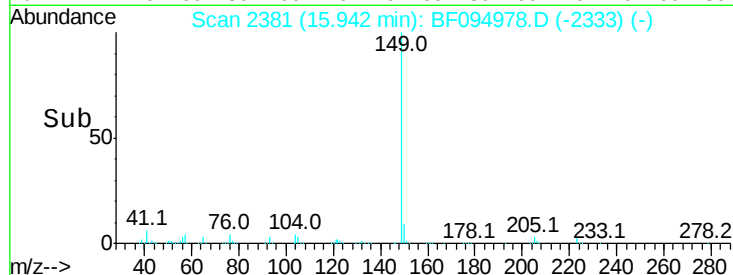
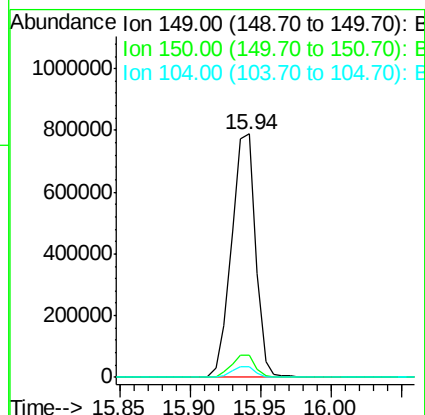
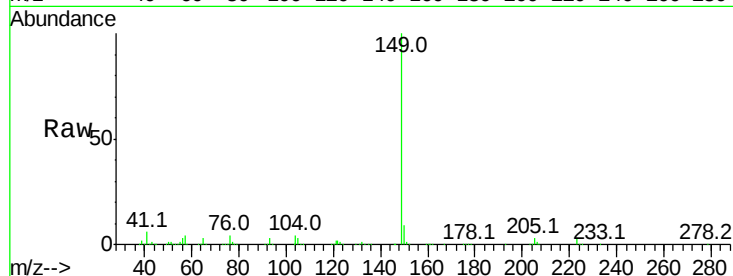




#73
Di-n-butylphthalate
Concen: 40.75 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

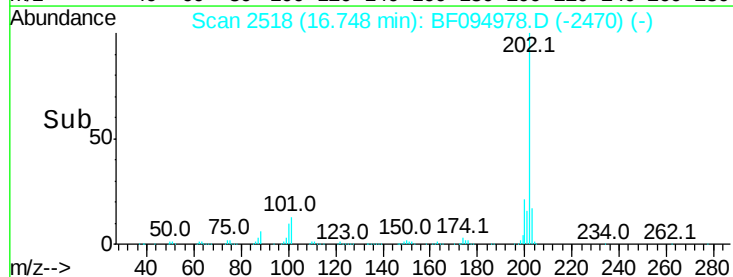
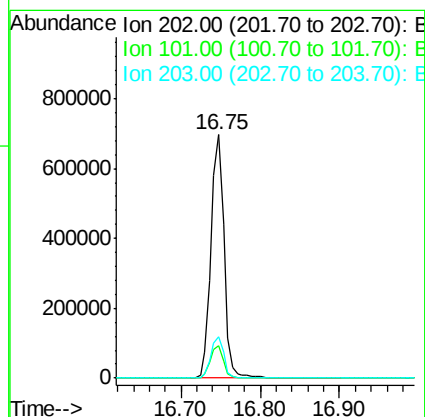
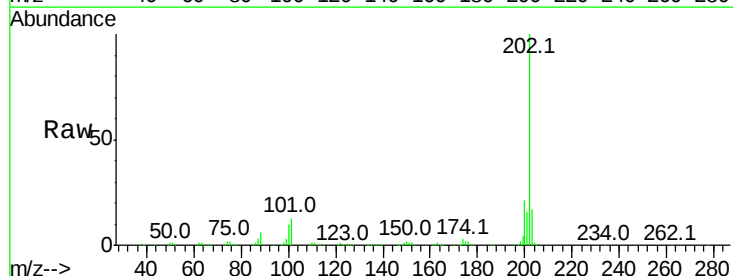
Instrument :
BNA_F
ClientSampled :

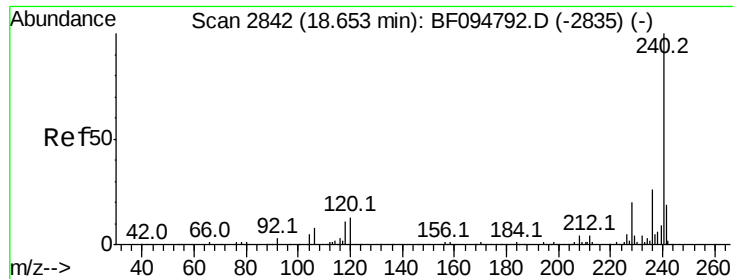
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.2	4.0	6.0



#74
Fluoranthene
Concen: 39.72 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.3	0.0	38.1

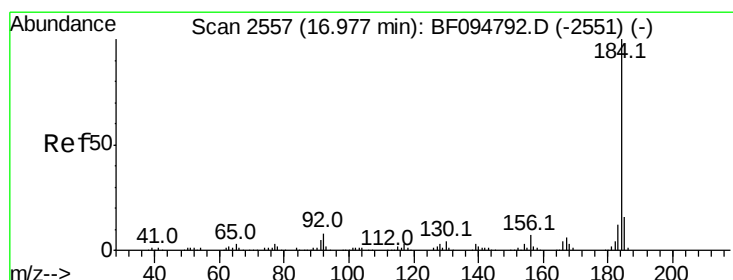
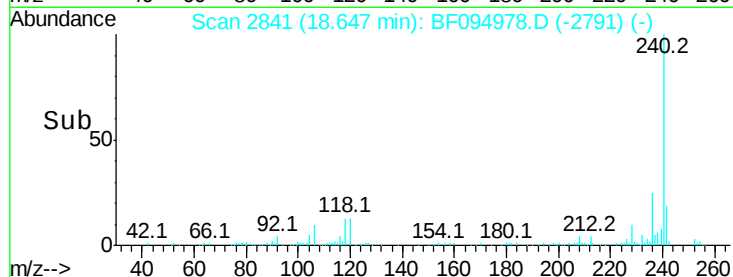
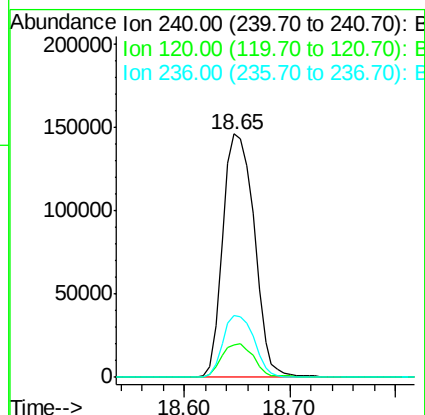
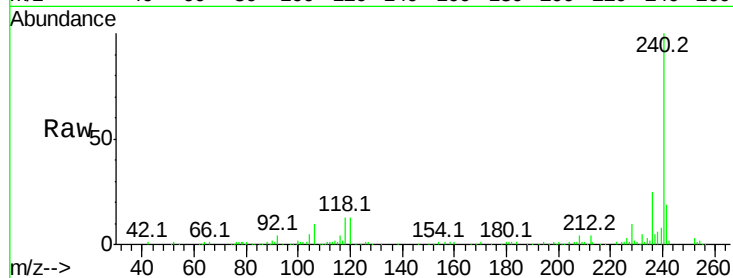




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

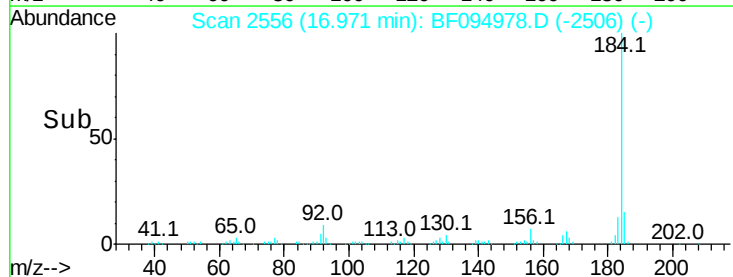
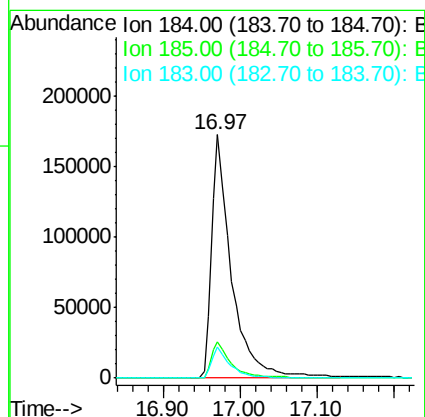
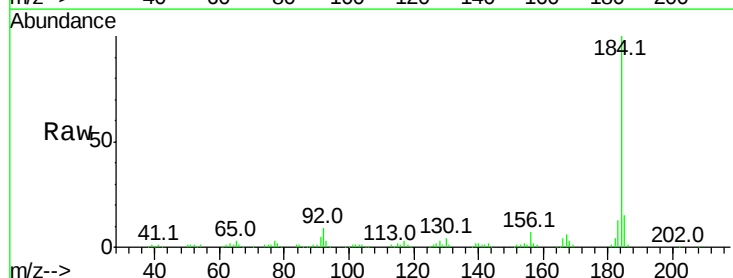
Instrument :
 BNA_F
 ClientSampleId :

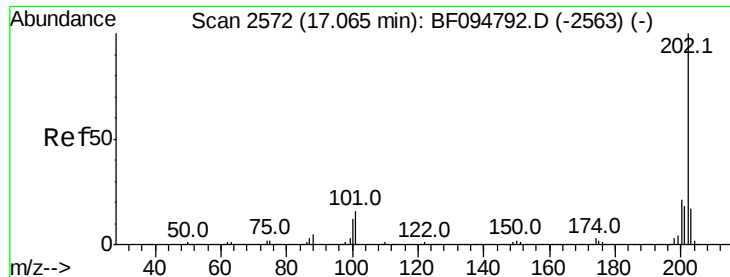
Tot Ion:240 Resp: 304159
 Ion Ratio Lower Upper
 240 100
 120 13.3 5.8 8.8#
 236 25.3 20.5 30.7



#76
 Benzidine
 Concen: 38.87 ng
 RT: 16.97 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion:184 Resp: 307763
 Ion Ratio Lower Upper
 184 100
 185 14.8 15.5 23.3#
 183 12.6 9.8 14.6





#77

Pvrene

Concen: 37.46 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :

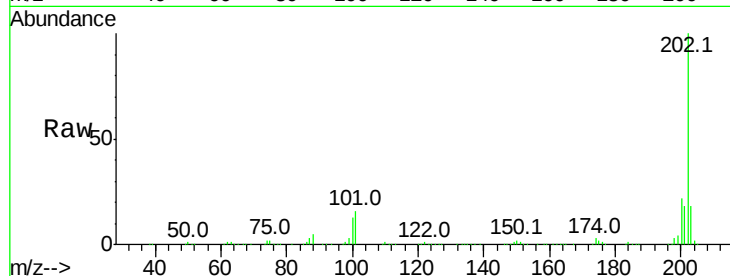
Tot Ion:202 Resp: 852144

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

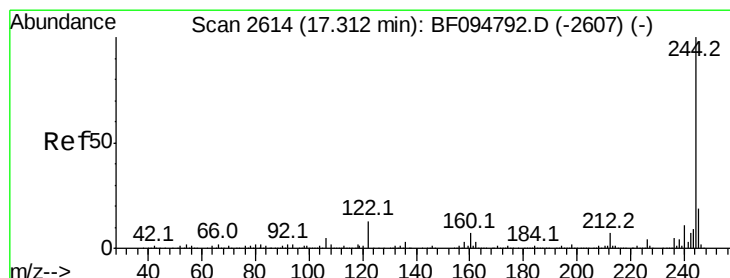
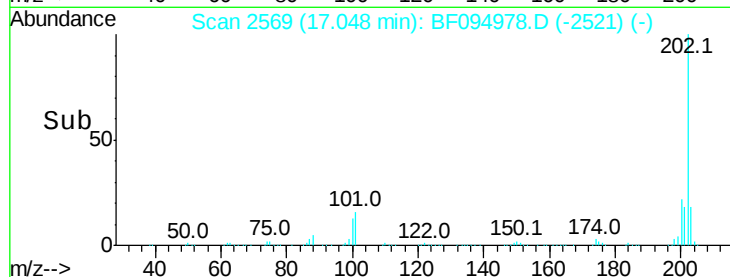
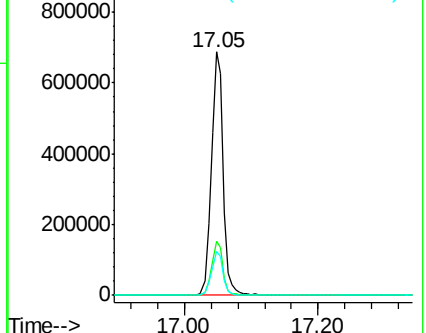
203 18.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.30 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094978.D

Acq: 8 May 2017 12:24

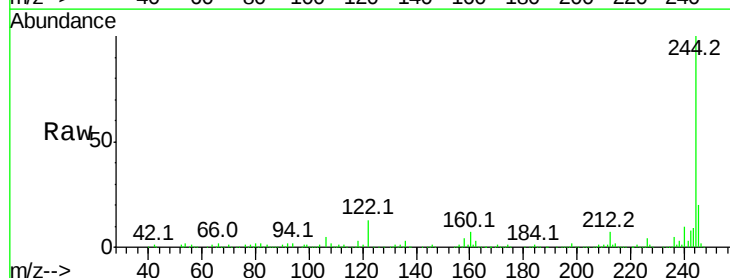
Tgt Ion:244 Resp: 984552

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

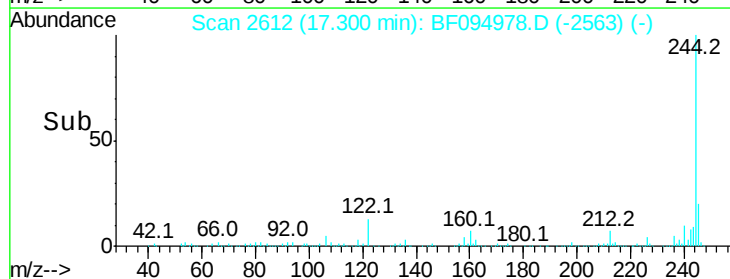
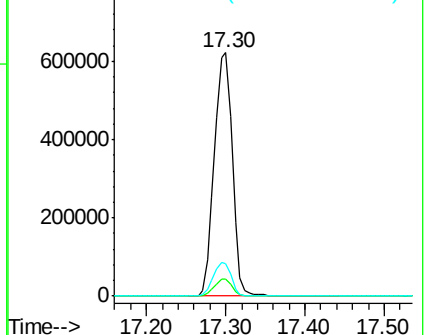
122 13.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

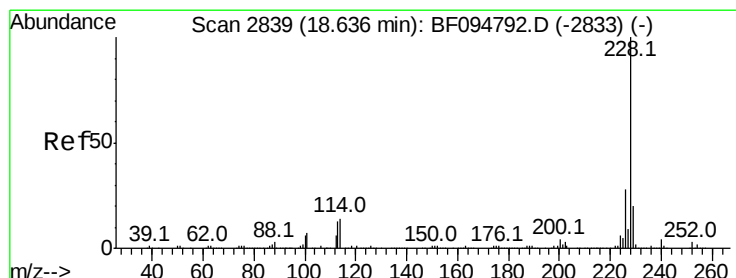
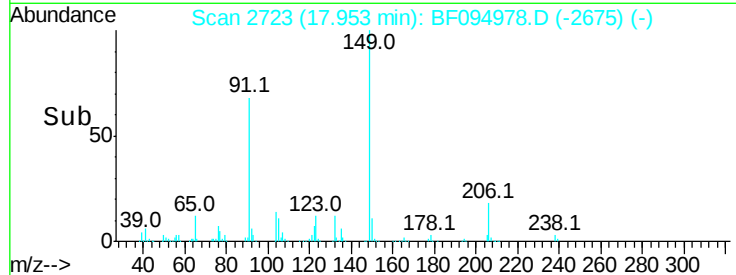
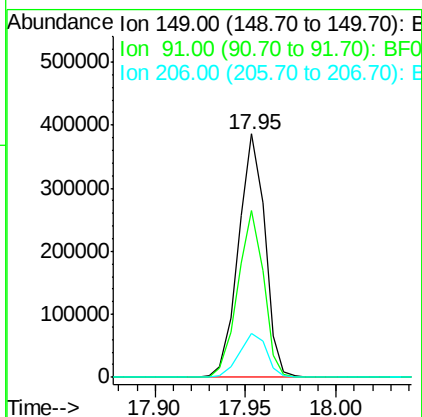
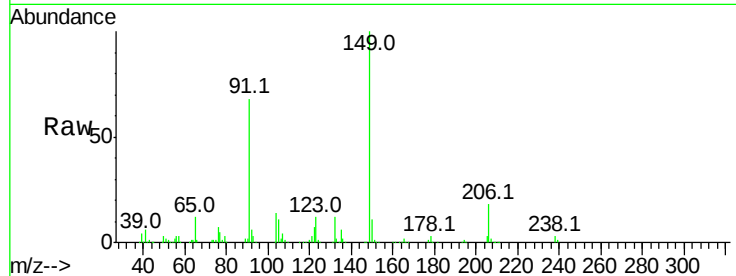




#79
Butylbenzylphthalate
Concen: 37.20 ng
RT: 17.95 min Scan# 2723
Delta R.T. -0.02 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

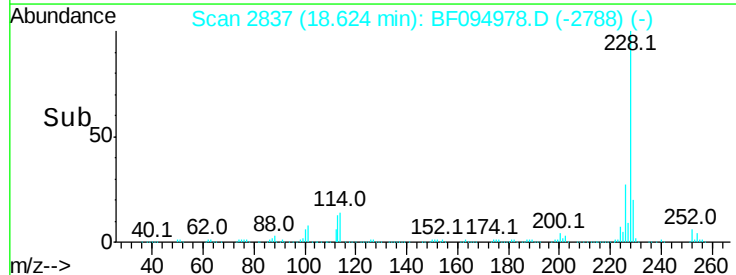
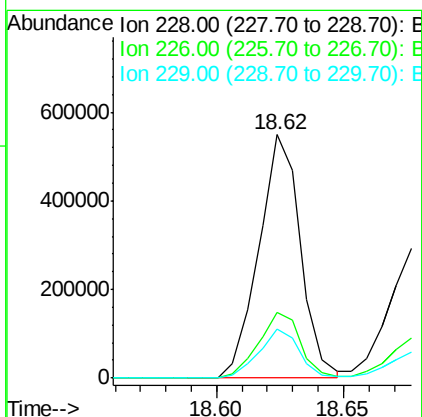
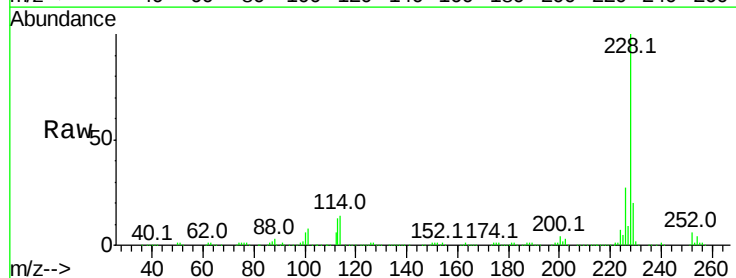
Instrument :
BNA_F
ClientSampled :

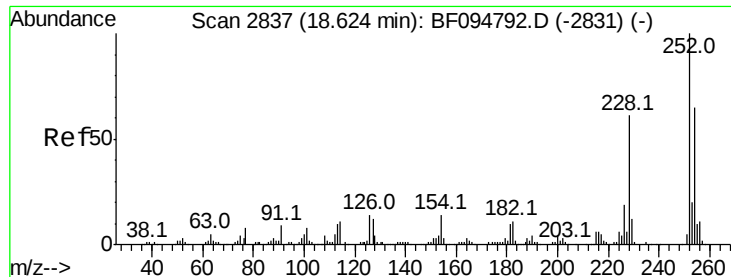
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	45.0	67.4#
206	18.3	17.0	25.6



#80
Benzo(a)anthracene
Concen: 35.56 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.0	16.3	24.5

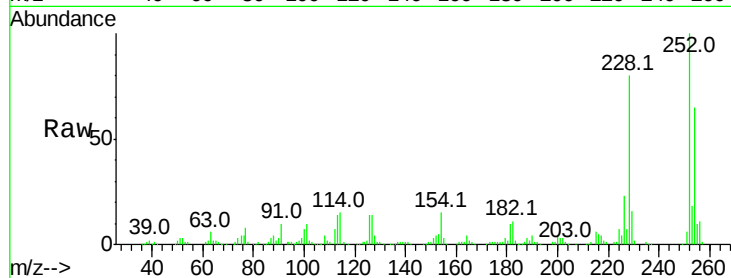




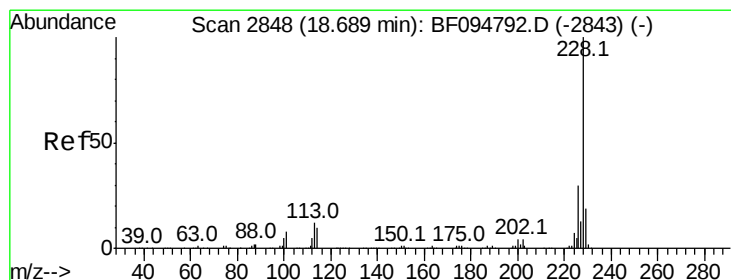
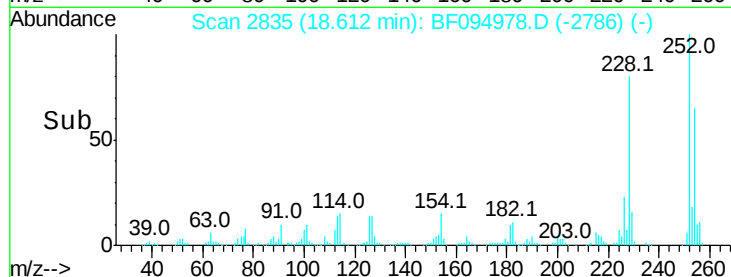
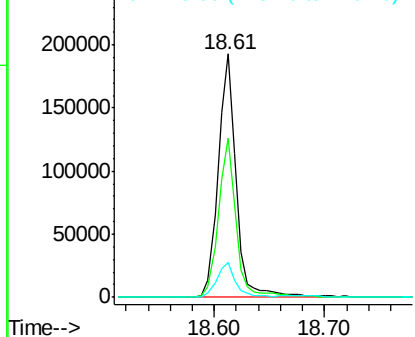
#81
 3,3'-Dichlorobenzidine
 Concen: 35.70 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:252 Resp: 218281
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.5 77.3
 126 14.3 15.8 23.8#

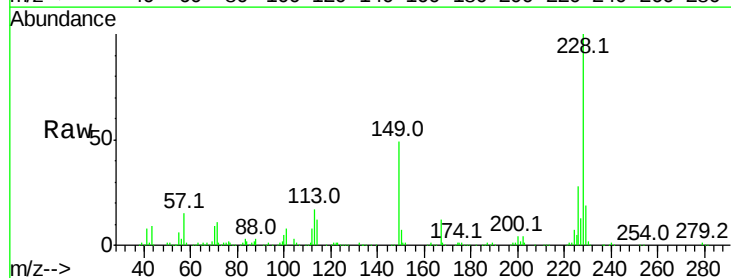


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

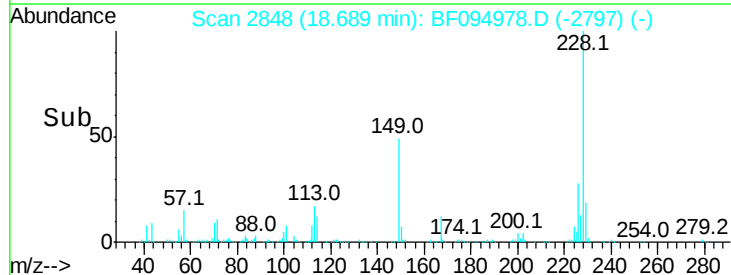
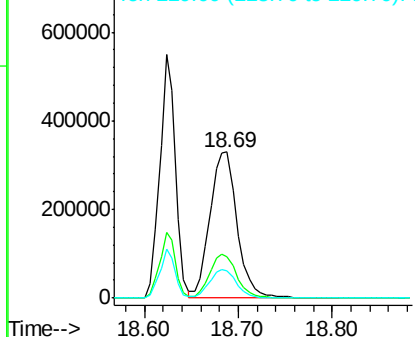


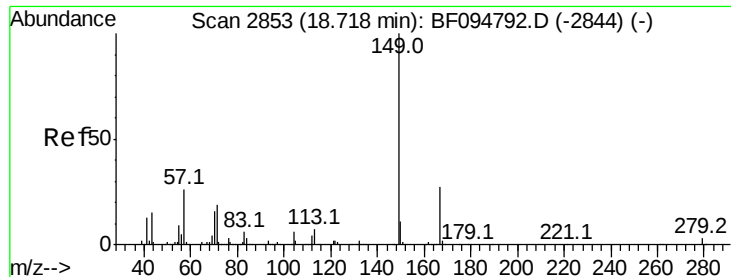
#82
 Chrysene
 Concen: 38.91 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion:228 Resp: 666045
 Ion Ratio Lower Upper
 228 100
 226 28.3 24.9 37.3
 229 18.9 15.8 23.6



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

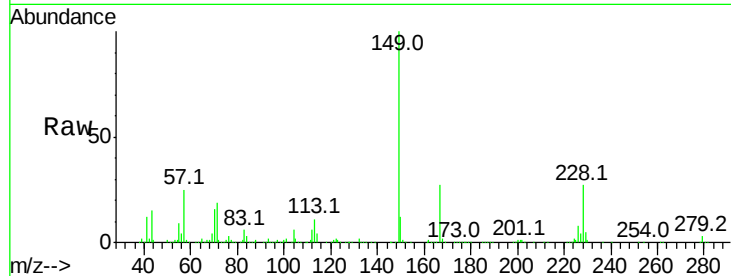




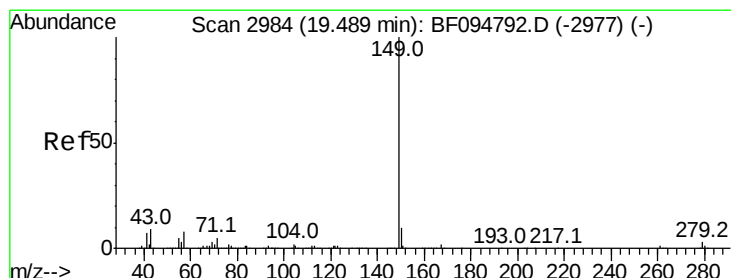
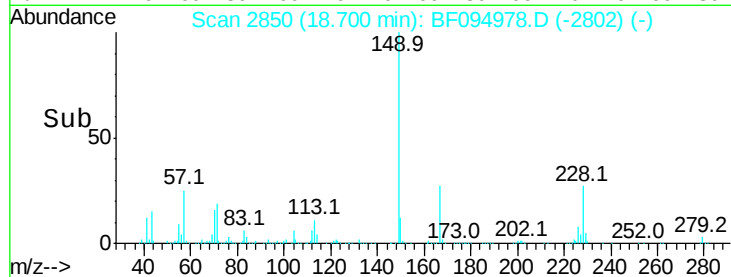
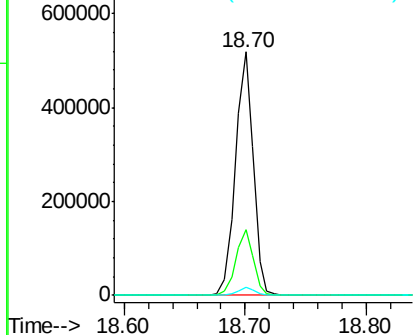
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.61 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 536795
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.0 31.4
 279 3.1 1.9 2.9#

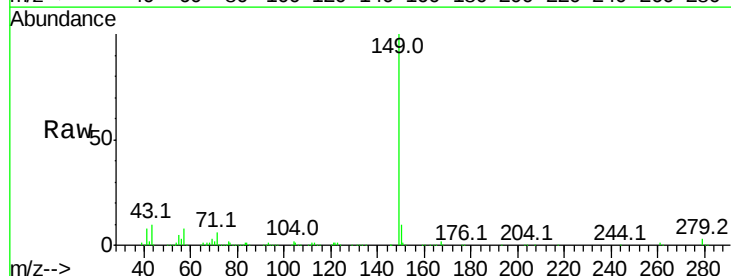


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

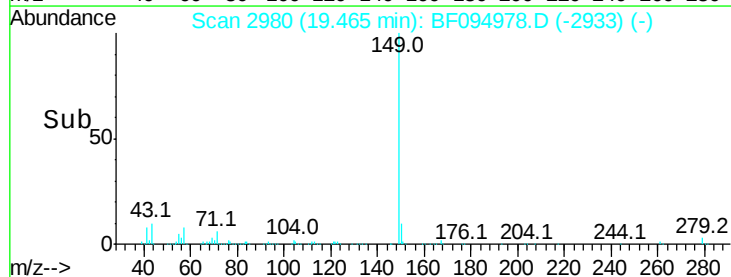
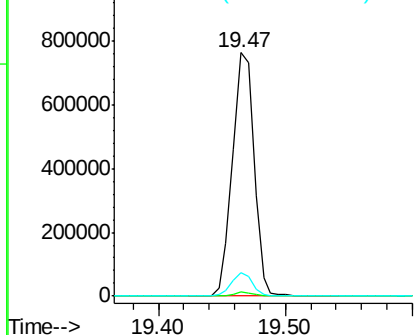


#84
 Di-n-octyl phthalate
 Concen: 36.55 ng
 RT: 19.47 min Scan# 2980
 Delta R.T. -0.02 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion:149 Resp: 903254
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.2 8.5 12.7



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



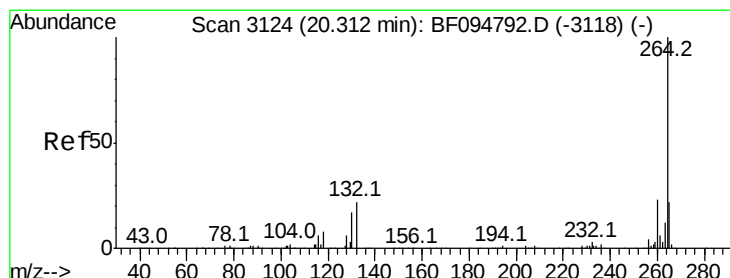
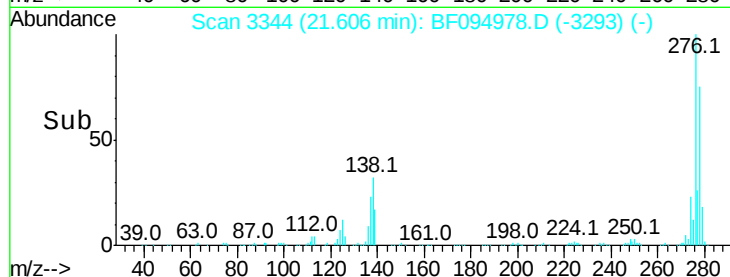
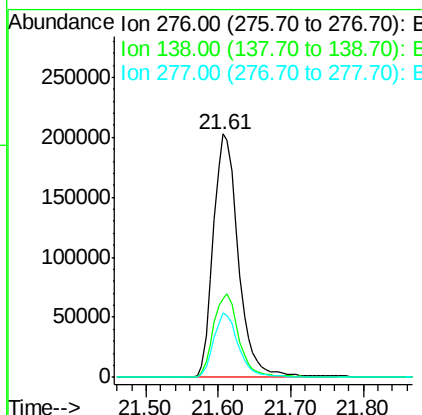
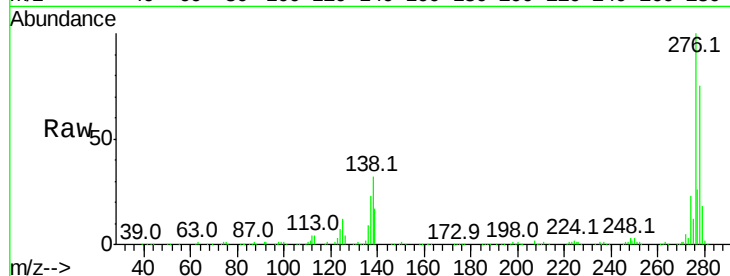


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.30 ng
 RT: 21.61 min Scan# 3344
 Delta R.T. -0.00 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 490619

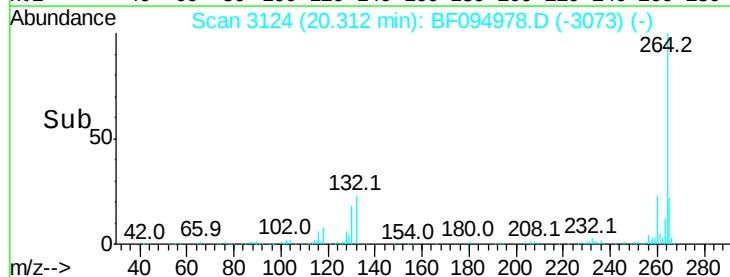
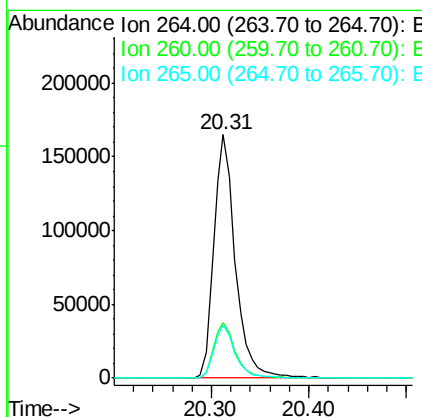
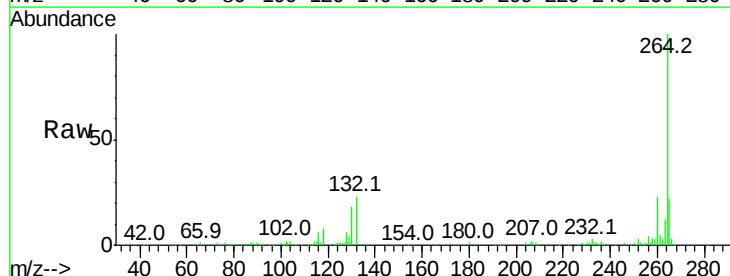
Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.9	20.2	30.4

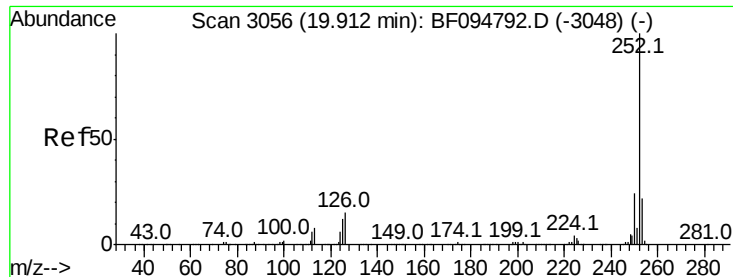


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BF094978.D
 Acq: 8 May 2017 12:24

Tgt Ion:264 Resp: 250854

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.9	17.2	25.8

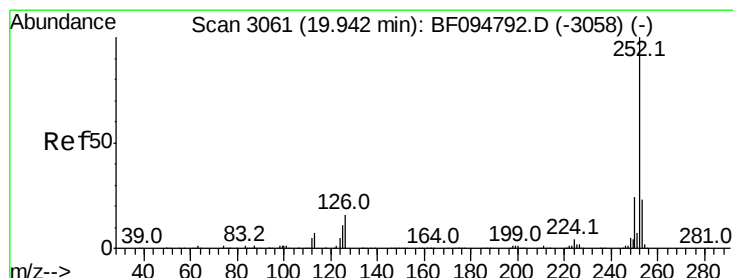
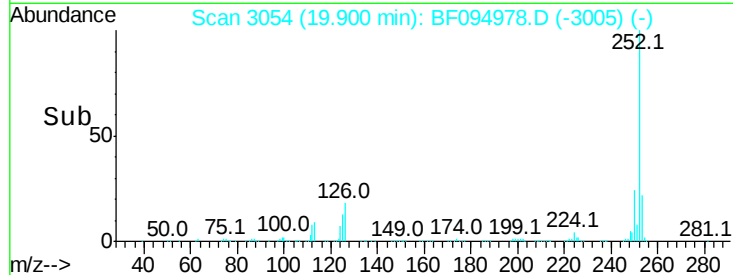
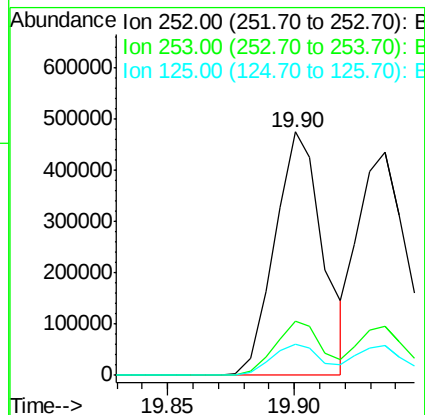
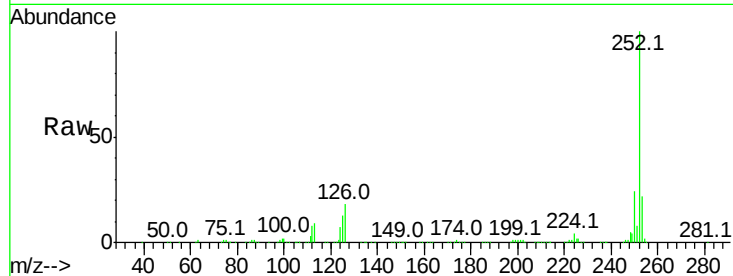




#87
Benzo(b)fluoranthene
Concen: 40.58 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

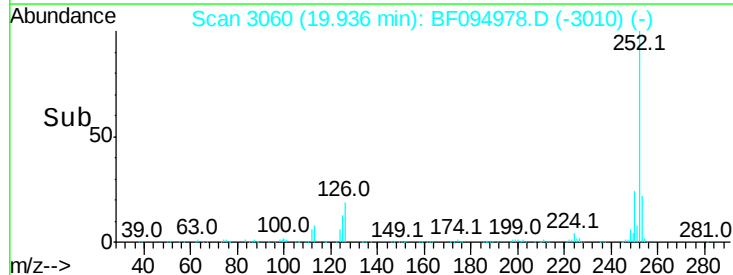
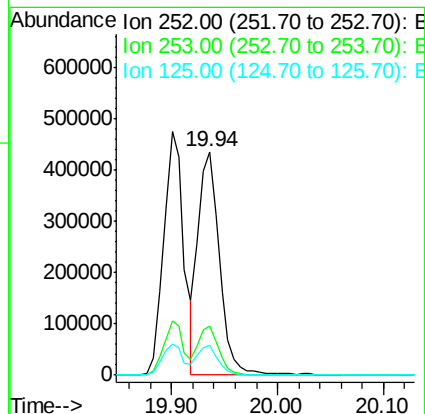
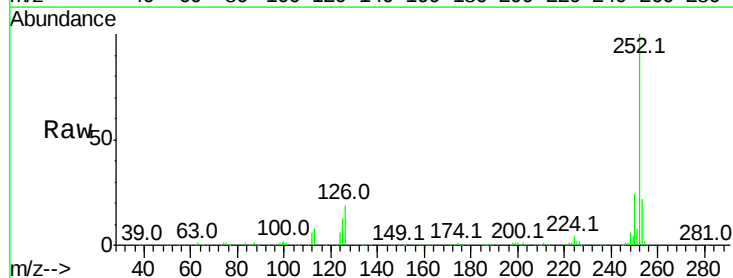
Instrument :
BNA_F
ClientSampleId :

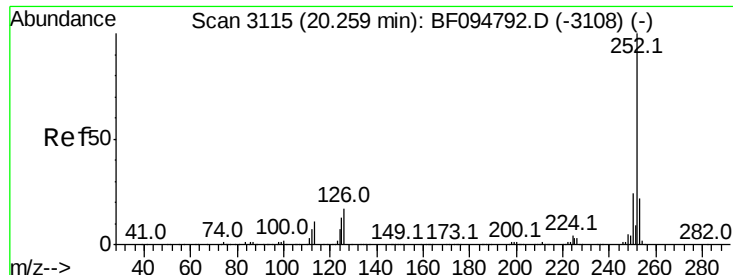
Tot Ion:252 Resp: 629069
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 12.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 40.62 ng
RT: 19.94 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion:252 Resp: 607418
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 13.2 13.1 19.7

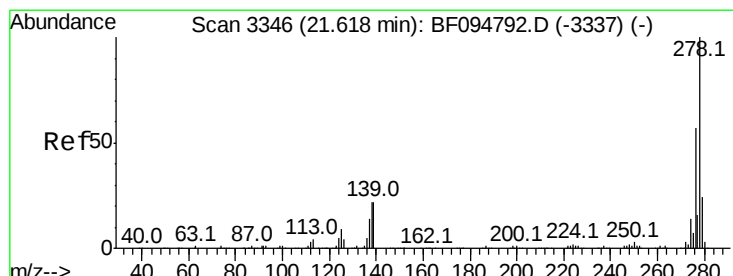
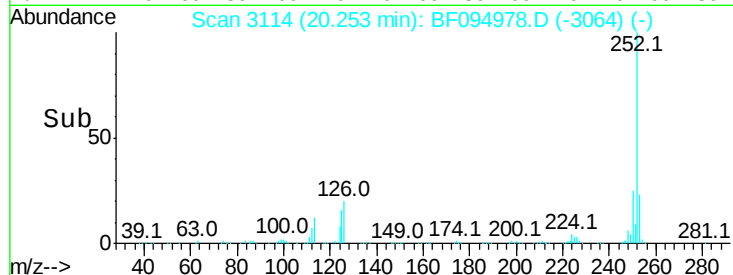
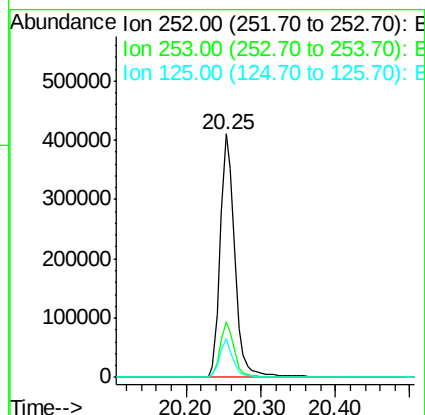
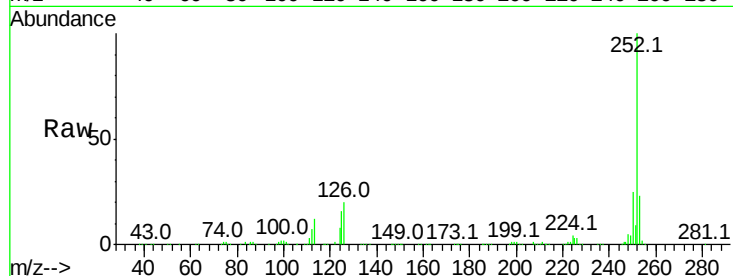




#89
Benzo(a)pyrene
Concen: 38.32 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

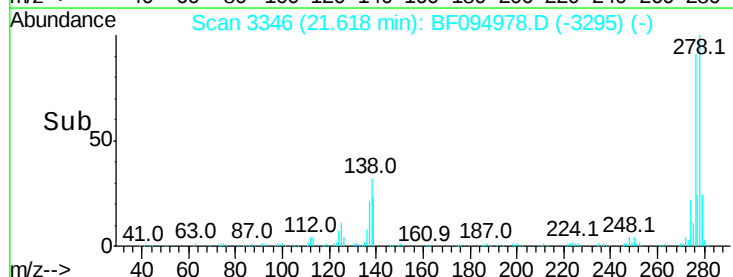
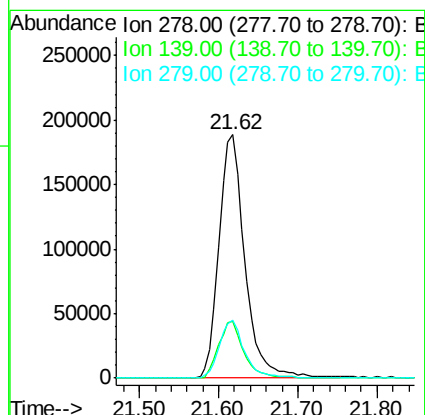
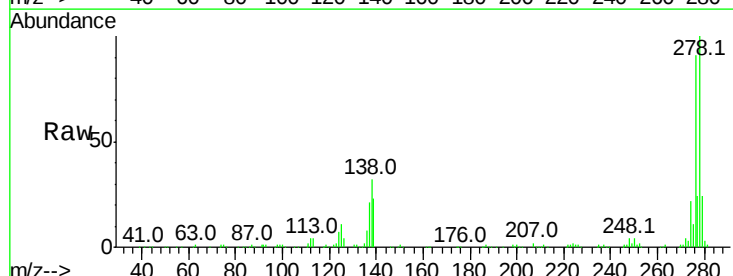
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 548134
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 15.7 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 36.26 ng
RT: 21.62 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BF094978.D
Acq: 8 May 2017 12:24

Tgt Ion:278 Resp: 428322
Ion Ratio Lower Upper
278 100
139 23.3 16.6 24.8
279 23.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 32.29 ng

RT: 21.99 min Scan# 3409

Delta R.T. 0.01 min

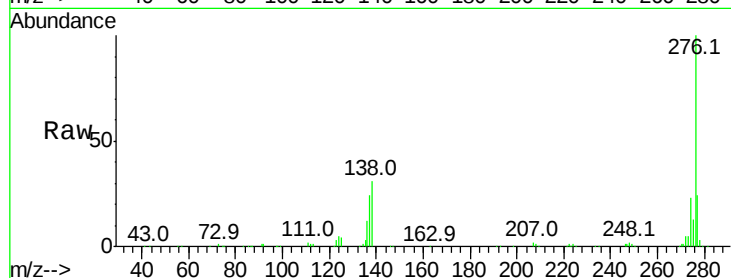
Lab File: BF094978.D

Acq: 8 May 2017 12:24

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 374335

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 30.5 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

