

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050417\
 Data File : BF094874.D
 Acq On : 4 May 2017 15:12
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 04 15:48:21 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	7.72	152	110904	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	447160	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	196461	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	354393	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	264962	20.00	ng	-0.01
86) Perylene-d12	20.30	264	227986	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	519156	78.04	ng	-0.01
7) Phenol-d6	7.27	99	648611	81.26	ng	-0.01
23) Nitrobenzene-d5	8.62	82	571876	80.65	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	137624	85.54	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1116365	81.79	ng	0.00
78) Terphenyl-d14	17.30	244	907646	75.45	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.10	88	151178	46.34	ng	95
3) Pyridine	2.75	79	286405	37.88	ng	100
4) n-Nitrosodimethylamine	2.70	42	117044	37.14	ng	84
6) Aniline	7.22	93	425266	42.21	ng	96
8) 2-Chlorophenol	7.41	128	314709	41.57	ng	96
9) Benzaldehyde	7.03	77	185608	38.08	ng	99
10) Phenol	7.28	94	341026	40.55	ng	91
11) bis(2-Chloroethyl)ether	7.36	93	280524	40.40	ng	94
12) 1,3-Dichlorobenzene	7.62	146	349235	40.66	ng	99
13) 1,4-Dichlorobenzene	7.75	146	350204	40.21	ng	97
14) 1,2-Dichlorobenzene	7.98	146	331652	40.79	ng	97
15) Benzyl Alcohol	8.01	79	238196	46.40	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	375183	38.18	ng	# 40
17) 2-Methylphenol	8.22	107	244467	39.45	ng	# 92
18) Hexachloroethane	8.51	117	118535	40.17	ng	88
19) n-Nitroso-di-n-propylamine	8.43	70	215743	39.97	ng	95
20) 3+4-Methylphenols	8.47	107	330173	39.21	ng	# 58
22) Acetophenone	8.40	105	436952	40.73	ng	# 84
24) Nitrobenzene	8.65	77	298920	40.22	ng	93
25) Isophorone	9.05	82	541548	42.77	ng	# 94
26) 2-Nitrophenol	9.16	139	170266	42.45	ng	99
27) 2,4-Dimethylphenol	9.30	122	268344	41.38	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	346780	39.59	ng	100
29) 2,4-Dichlorophenol	9.57	162	258959	42.29	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	265101	40.41	ng	99
31) Naphthalene	9.78	128	881994	39.24	ng	99
32) Benzoic acid	9.61	122	153683	37.36	ng	98
33) 4-Chloroaniline	9.91	127	350793	41.88	ng	94
34) Hexachlorobutadiene	10.00	225	134973	39.00	ng	99
35) Caprolactam	10.58	113	16194	8.81	ng	94
36) 4-Chloro-3-methylphenol	10.77	107	264834	40.46	ng	91
37) 2-Methylnaphthalene	10.90	142	615779	41.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	252868	41.85	ng	99
40) Hexachlorocyclopentadiene	11.16	237	96891	41.32	ng	99

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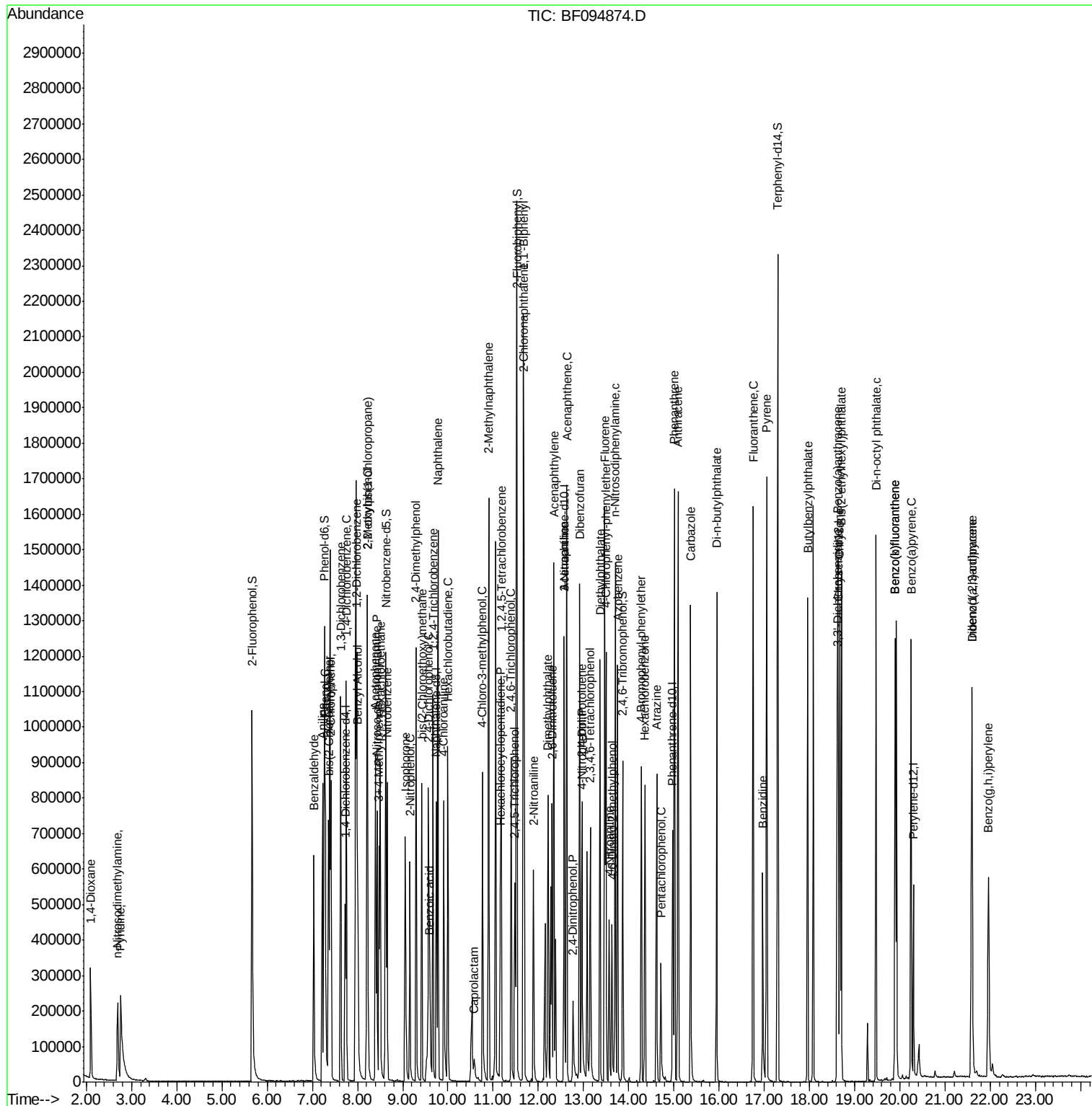
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	171479	42.51	ng	99
43) 2,4,5-Trichlorophenol	11.48	196	174705	40.30	ng	# 92
45) 1,1'-Biphenyl	11.67	154	681205	41.18	ng	98
46) 2-Chloronaphthalene	11.68	162	527711	39.51	ng	95
47) 2-Nitroaniline	11.89	65	147751	40.42	ng	86
48) Acenaphthylene	12.34	152	850297	40.65	ng	99
49) Dimethylphthalate	12.22	163	636789	39.48	ng	99
50) 2,6-Dinitrotoluene	12.31	165	139813	42.49	ng	97
51) Acenaphthene	12.63	154	497915	39.85	ng	99
52) 3-Nitroaniline	12.57	138	138828	39.31	ng	89
53) 2,4-Dinitrophenol	12.77	184	69268	41.48	ng	# 68
54) Dibenzofuran	12.91	168	770826	44.58	ng	98
55) 4-Nitrophenol	12.95	139	75843	35.76	ng	# 77
56) 2,4-Dinitrotoluene	12.97	165	182420	43.15	ng	# 91
57) Fluorene	13.47	166	607934	40.43	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	130283	47.75	ng	# 94
59) Diethylphthalate	13.37	149	585281	37.86	ng	99
60) 4-Chlorophenyl-phenylether	13.49	204	266616	40.35	ng	91
61) 4-Nitroaniline	13.57	138	133005	41.02	ng	96
62) Azobenzene	13.75	77	559392	45.03	ng	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	96111	40.46	ng	# 68
65) n-Nitrosodiphenylamine	13.70	169	504412	39.22	ng	100
66) 4-Bromophenyl-phenylether	14.28	248	147596	39.42	ng	96
67) Hexachlorobenzene	14.36	284	148059	38.59	ng	# 87
68) Atrazine	14.62	200	151418	41.69	ng	96
69) Pentachlorophenol	14.71	266	61013	38.45	ng	100
70) Phenanthrene	15.01	178	822063	40.37	ng	98
71) Anthracene	15.09	178	856954	41.20	ng	98
72) Carbazole	15.37	167	775736	40.99	ng	98
73) Di-n-butylphthalate	15.95	149	937770	39.73	ng	98
74) Fluoranthene	16.75	202	832527	39.86	ng	99
76) Benzidine	16.97	184	315910	44.62	ng	# 93
77) Pyrene	17.05	202	862666	43.53	ng	99
79) Butylbenzylphthalate	17.96	149	398545	43.24	ng	88
80) Benzo(a)anthracene	18.63	228	626446	40.62	ng	97
81) 3,3'-Dichlorobenzidine	18.61	252	208732	39.19	ng	# 98
82) Chrysene	18.67	228	584564	39.20	ng	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	520345	39.62	ng	# 99
84) Di-n-octyl phthalate	19.47	149	898558	41.73	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	508794	42.02	ng	100
87) Benzo(b)fluoranthene	19.89	252	605271	42.96	ng	98
88) Benzo(k)fluoranthene	19.89	252	605271	44.54	ng	96
89) Benzo(a)pyrene	20.25	252	548591	42.20	ng	99
90) Dibenzo(a,h)anthracene	21.60	278	430710	40.12	ng	98
91) Benzo(g,h,i)perylene	21.96	276	410834	39.00	ng	95

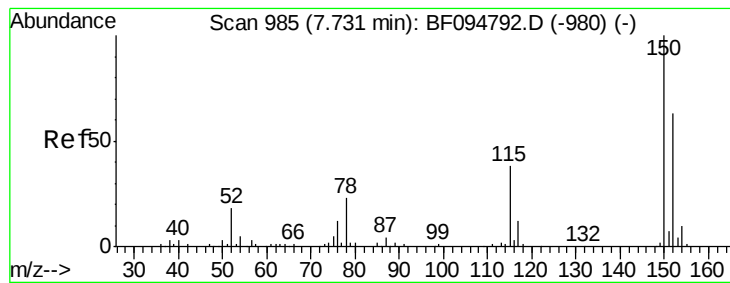
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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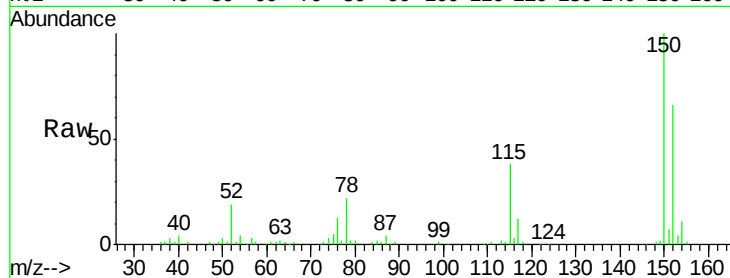


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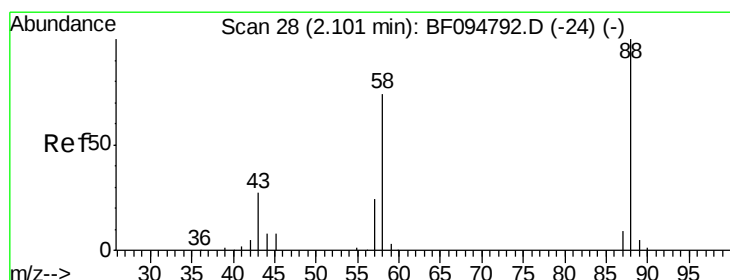
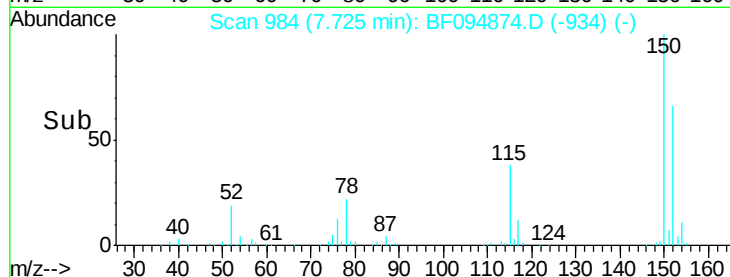
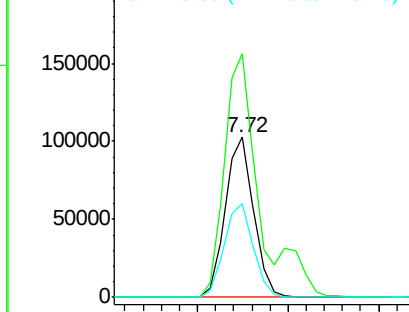
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 110904
Ion Ratio Lower Upper
152 100
150 152.2 126.2 189.2
115 58.6 52.2 78.2



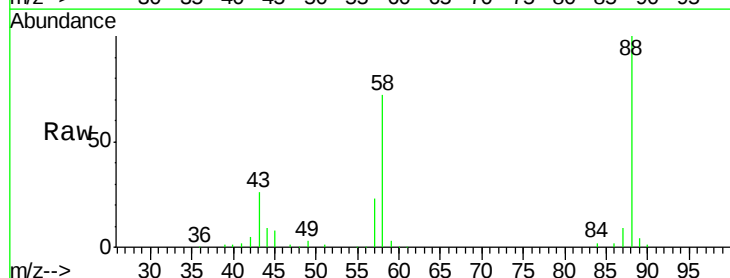
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



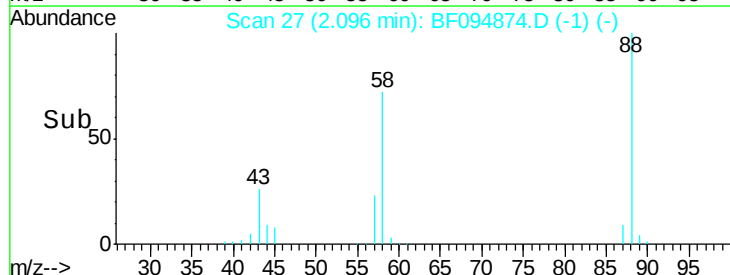
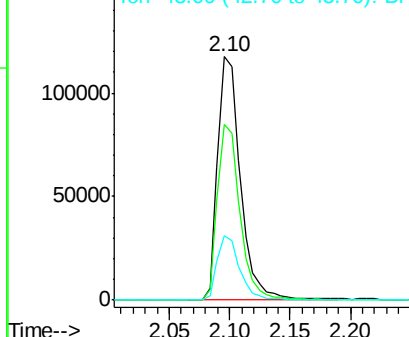
#2

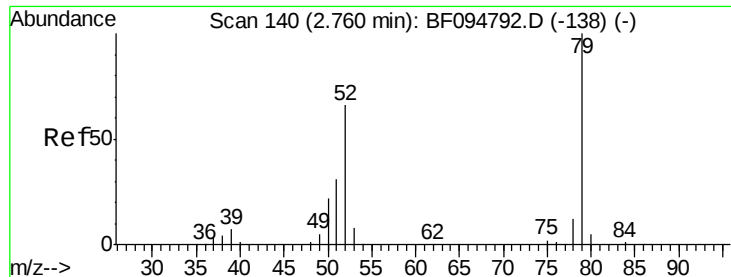
1,4-Dioxane
Concen: 46.34 ng
RT: 2.10 min Scan# 27
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion: 88 Resp: 151178
Ion Ratio Lower Upper
88 100
58 72.4 61.4 92.0
43 26.9 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

Pyridine

Concen: 37.88 ng

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

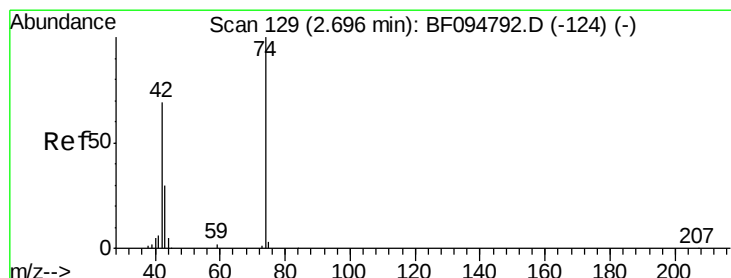
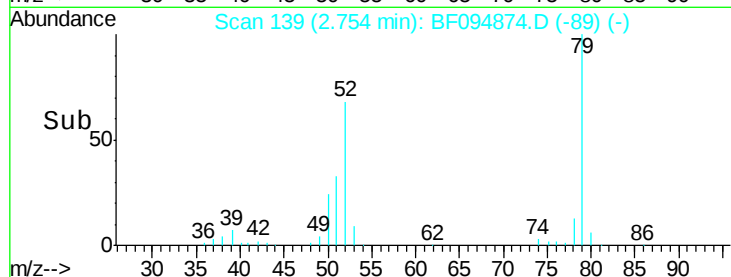
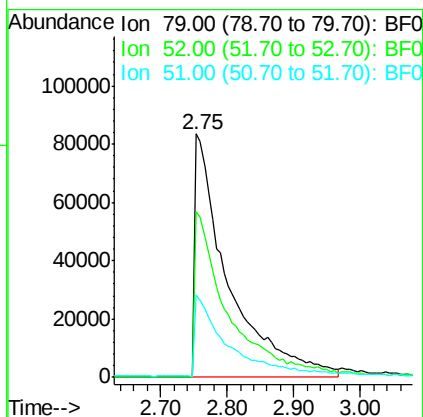
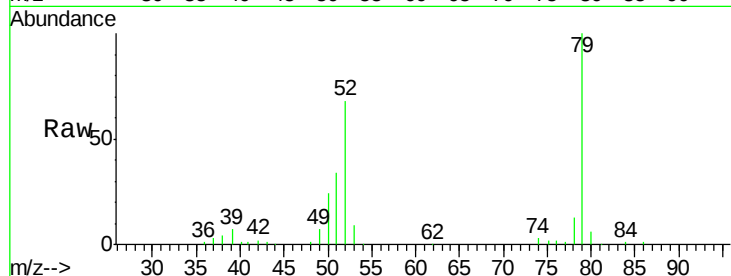
Tgt Ion: 79 Resp: 286405

Ion Ratio Lower Upper

79 100

52 68.1 54.8 82.2

51 33.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 37.14 ng

RT: 2.70 min Scan# 129

Delta R.T. -0.00 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

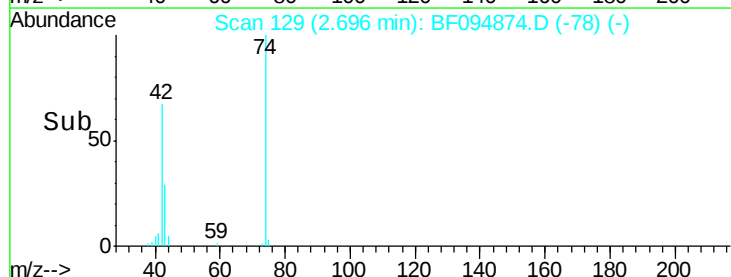
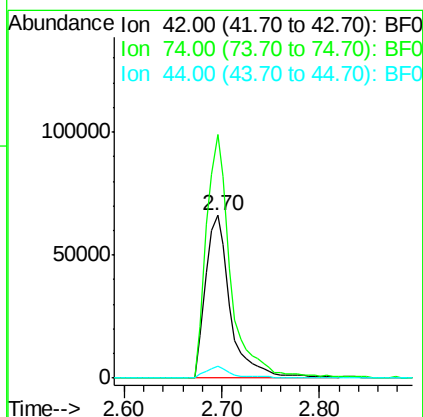
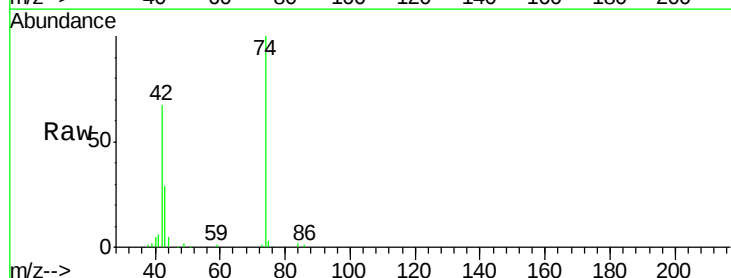
Tgt Ion: 42 Resp: 117044

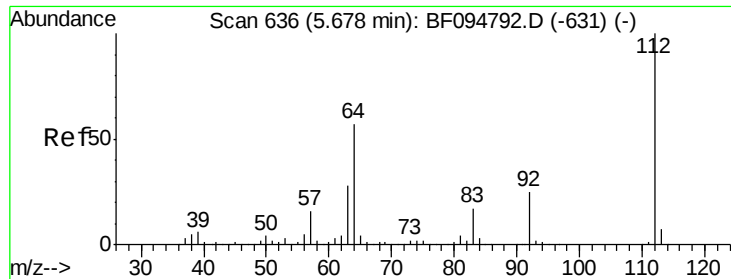
Ion Ratio Lower Upper

42 100

74 149.9 103.9 155.9

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 78.04 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

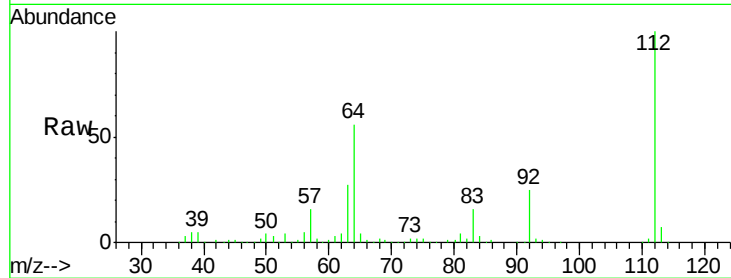
Tgt Ion: 112 Resp: 519156

Ion Ratio Lower Upper

112 100

64 55.8 46.0 69.0

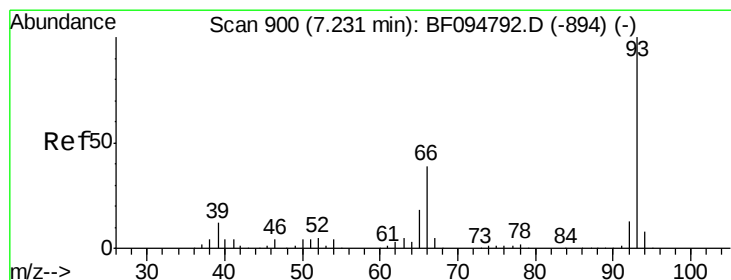
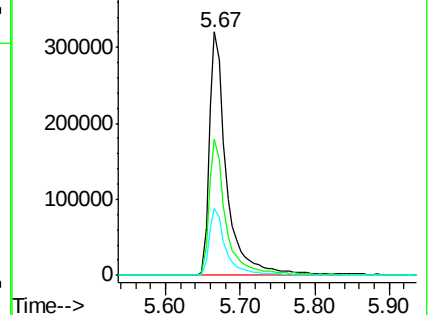
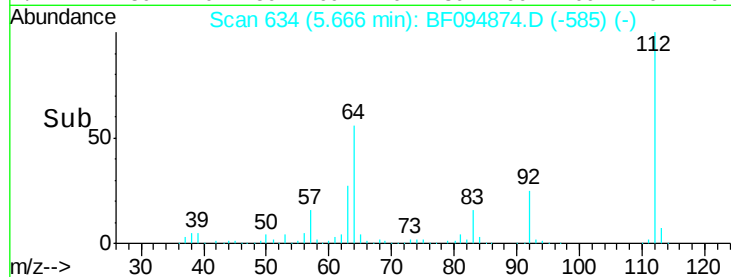
63 27.3 23.4 35.0



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: 42.21 ng

RT: 7.22 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

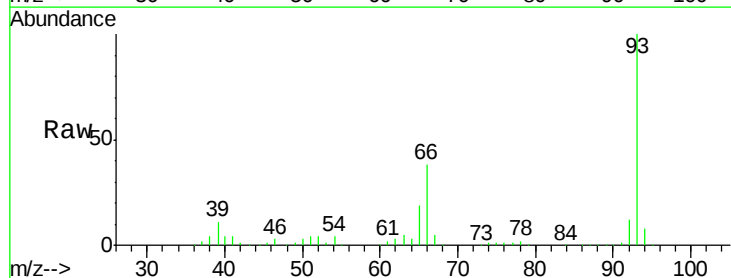
Tgt Ion: 93 Resp: 425266

Ion Ratio Lower Upper

93 100

66 38.5 32.9 49.3

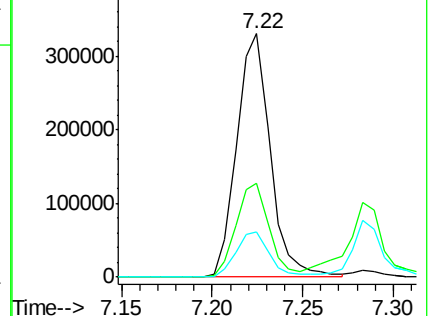
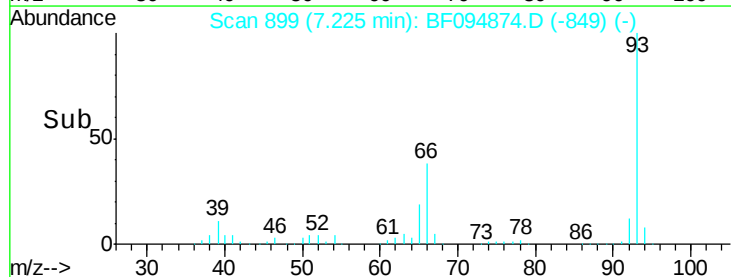
65 18.5 16.0 24.0

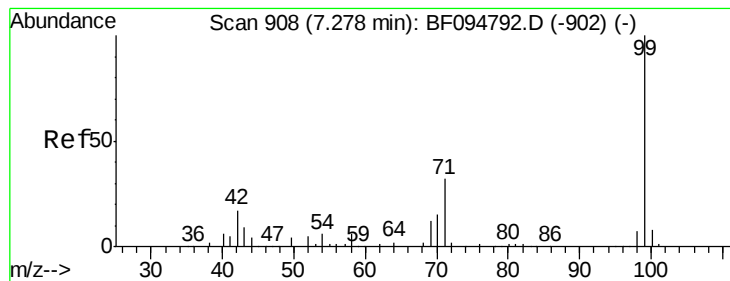


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.26 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094874.D

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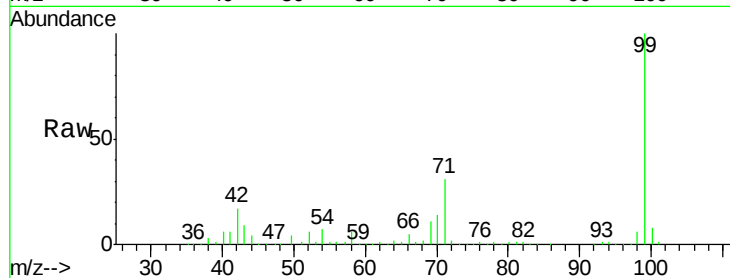
Tgt Ion: 99 Resp: 648611

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

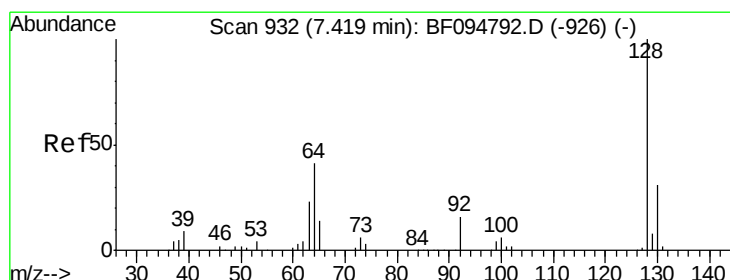
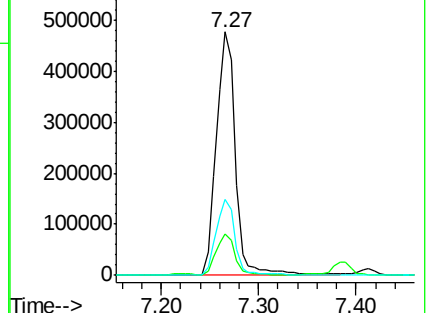
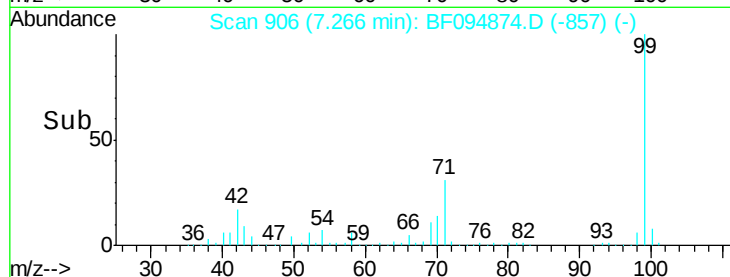
71 31.5 24.5 36.7



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: 41.57 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

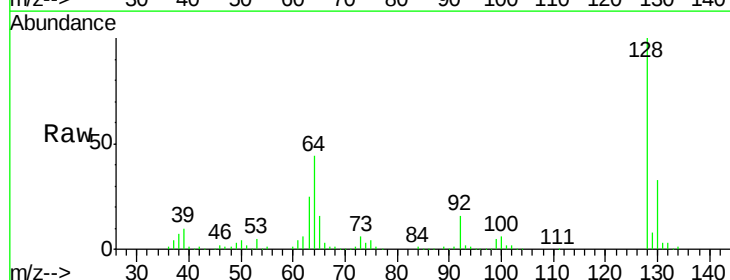
Tgt Ion: 128 Resp: 314709

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

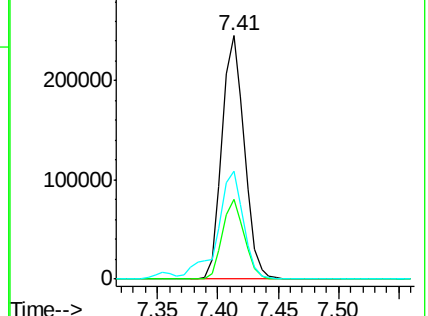
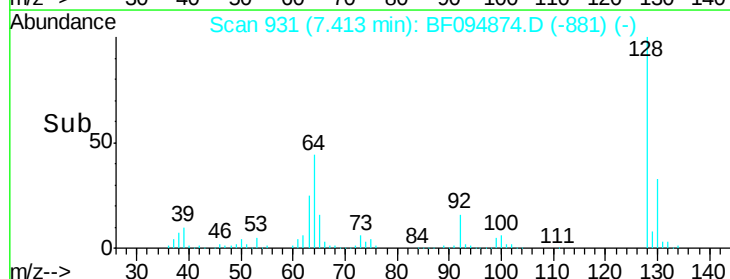
64 44.1 28.4 68.4

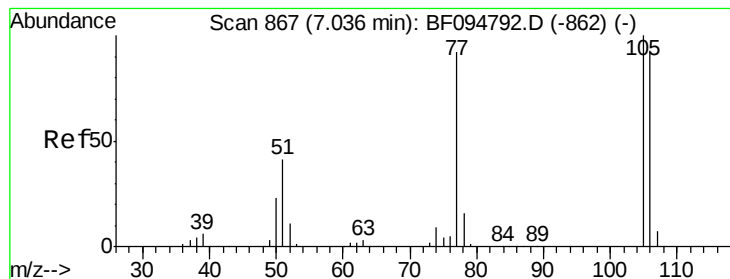


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.08 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.01 min

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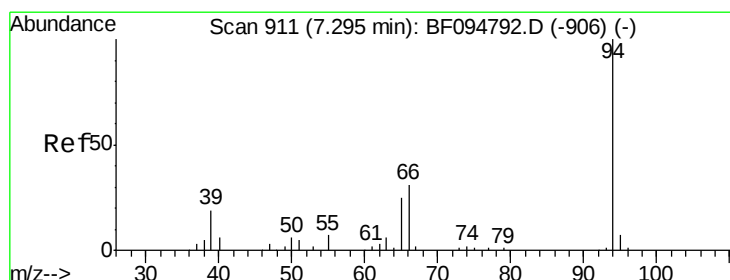
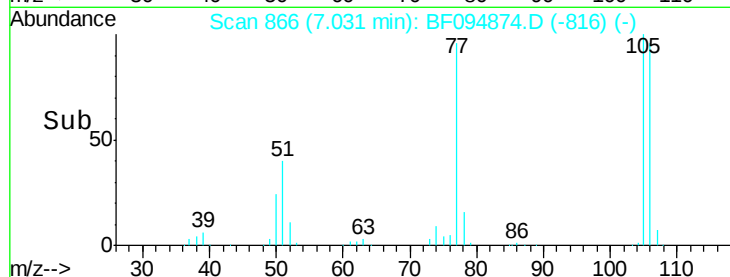
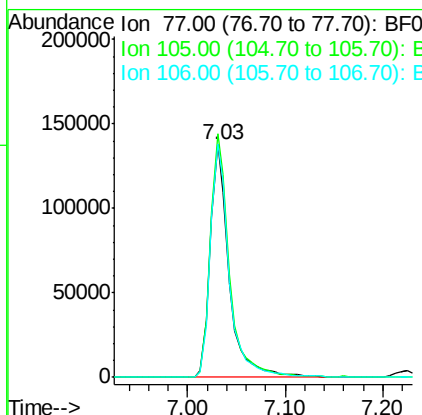
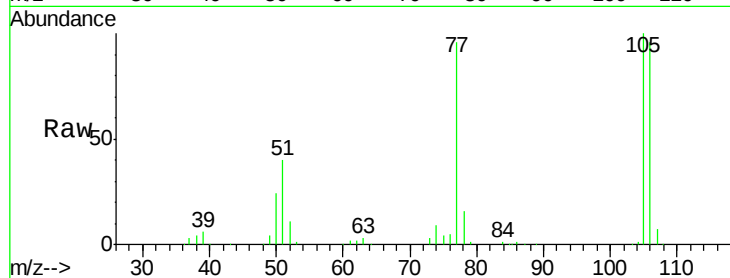
Tgt Ion: 77 Resp: 185608

Ion Ratio Lower Upper

77 100

105 104.5 83.8 123.8

106 100.2 79.1 119.1



#10

Phenol

Concen: 40.55 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

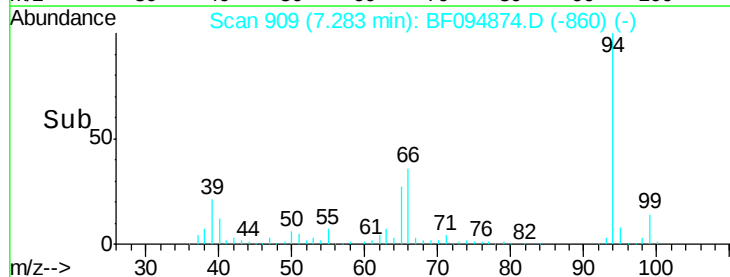
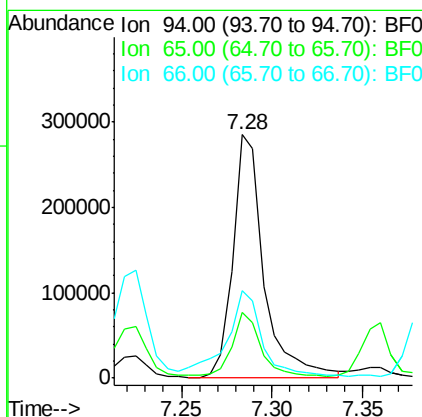
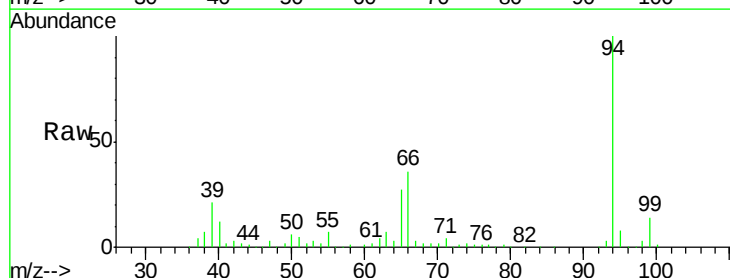
Tgt Ion: 94 Resp: 341026

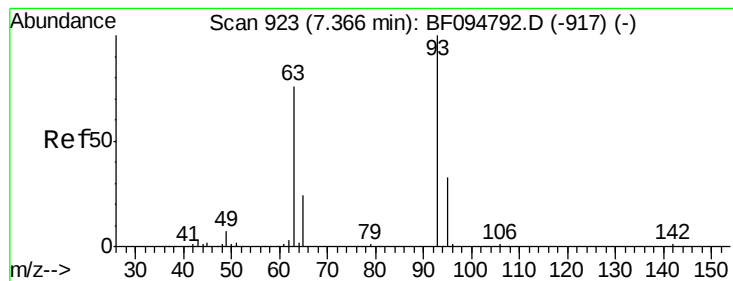
Ion Ratio Lower Upper

94 100

65 27.0 9.9 49.9

66 35.7 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.40 ng

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

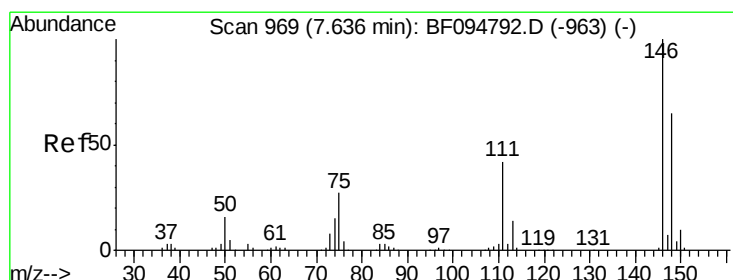
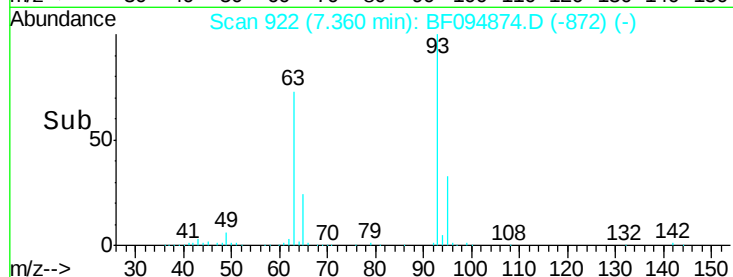
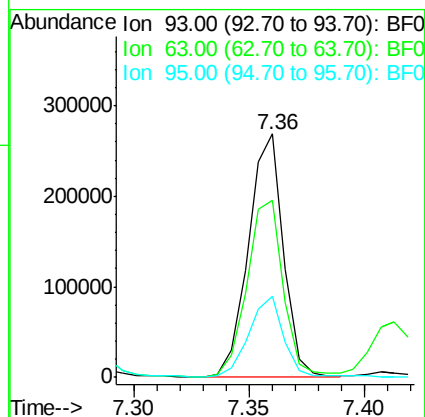
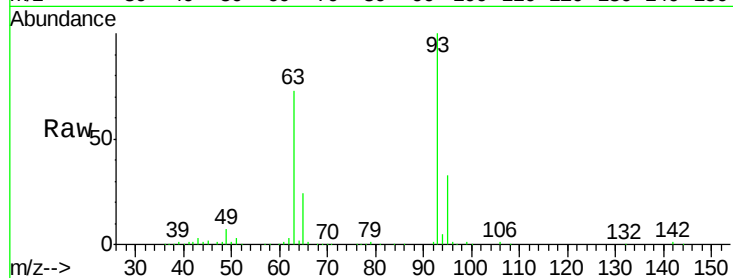
Tgt Ion: 93 Resp: 280524

Ion Ratio Lower Upper

93 100

63 72.8 59.2 99.2

95 33.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.66 ng

RT: 7.62 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

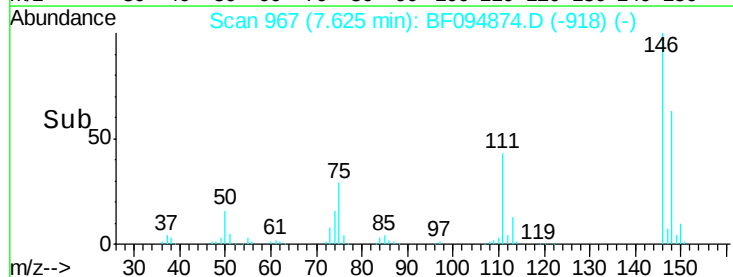
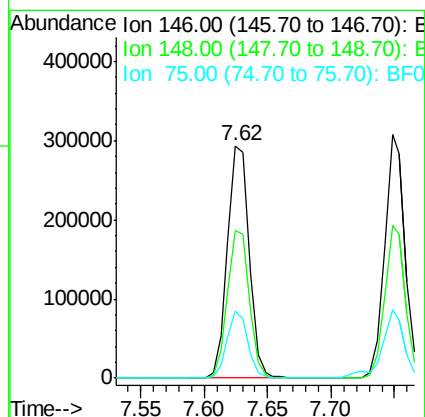
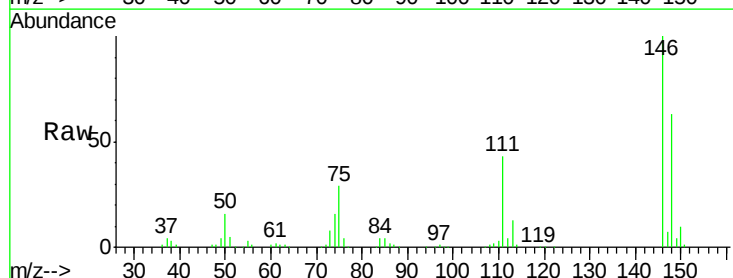
Tgt Ion: 146 Resp: 349235

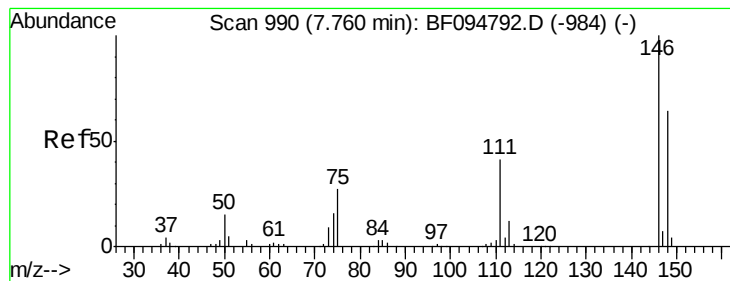
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 28.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.21 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

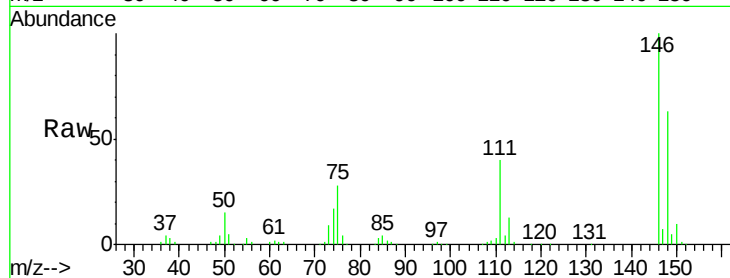
Tgt Ion:146 Resp: 350204

Ion Ratio Lower Upper

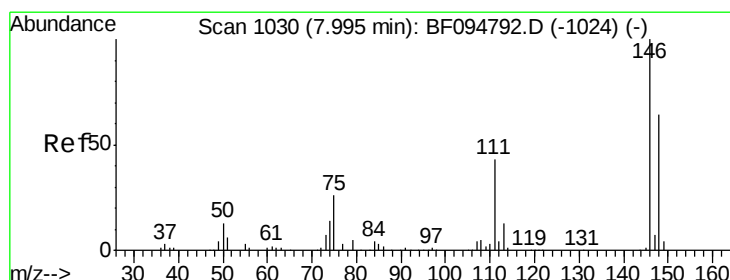
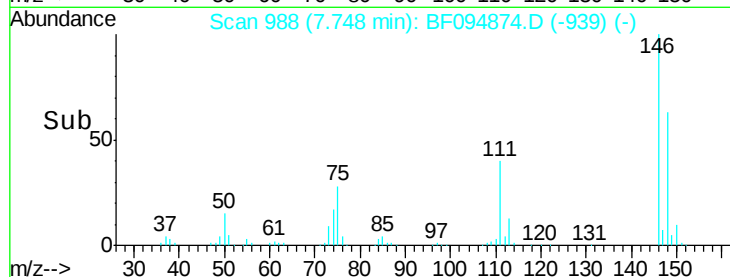
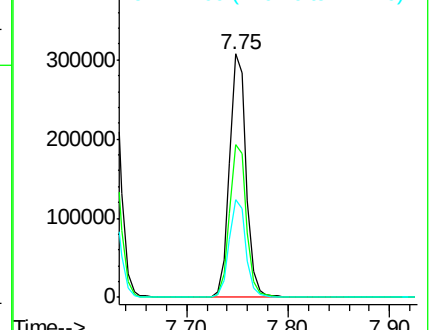
146 100

148 62.7 52.2 78.2

111 40.0 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: 40.79 ng

RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

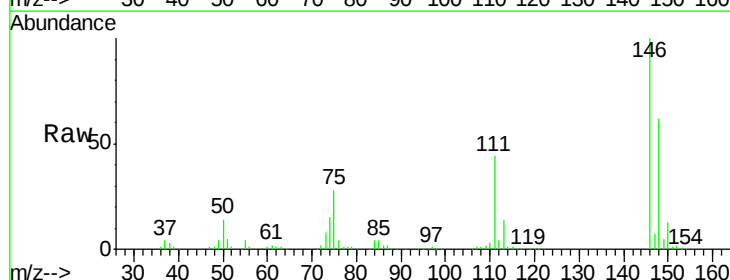
Tgt Ion:146 Resp: 331652

Ion Ratio Lower Upper

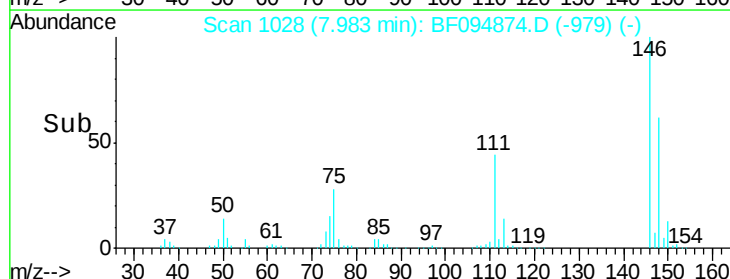
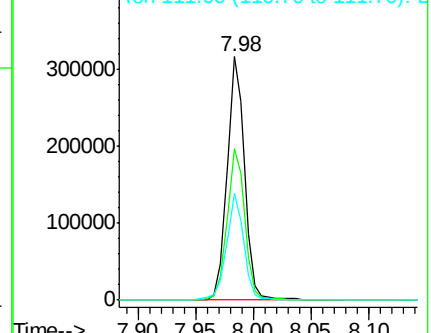
146 100

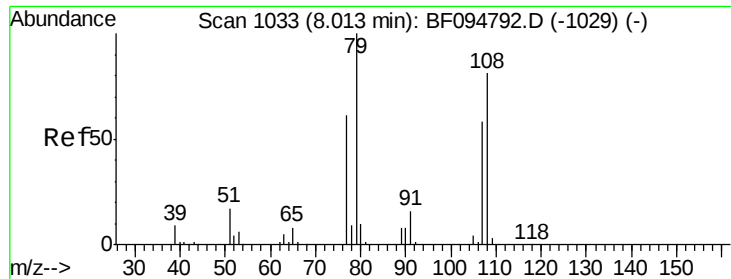
148 61.9 50.4 75.6

111 43.8 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

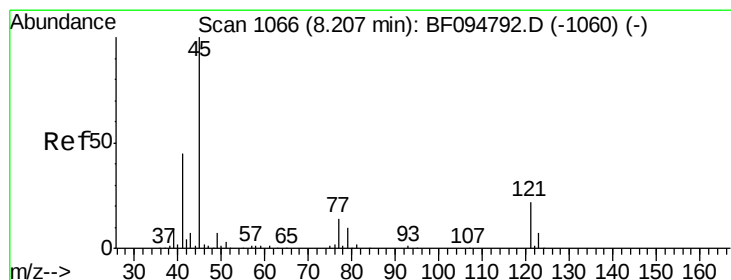
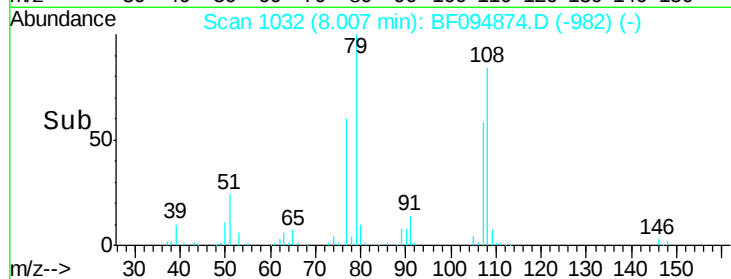
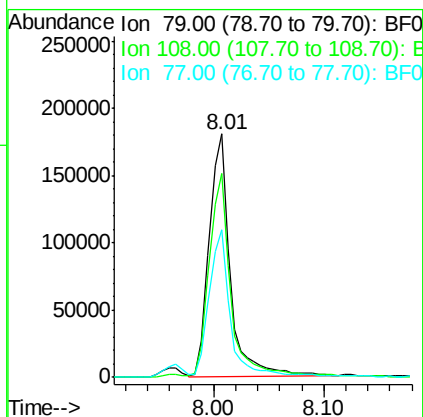
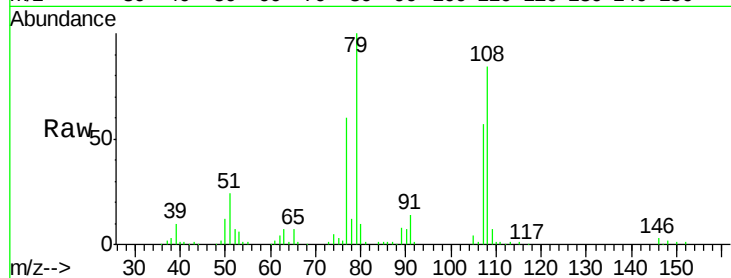




#15
Benzyl Alcohol
Concen: 46.40 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

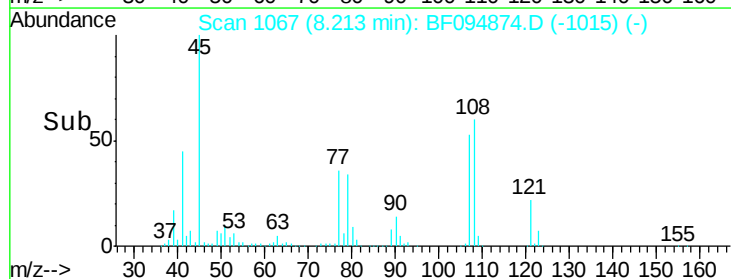
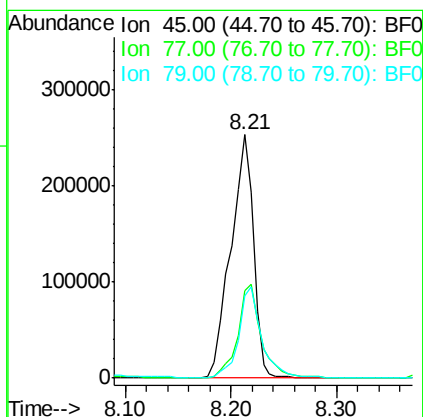
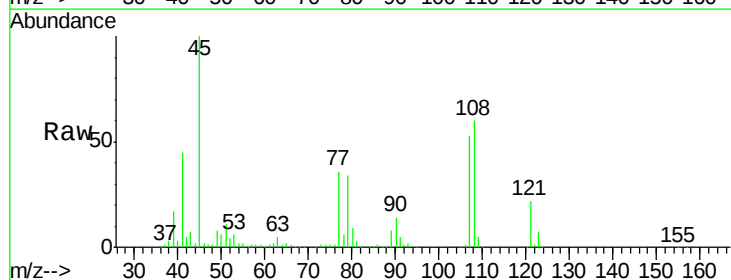
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

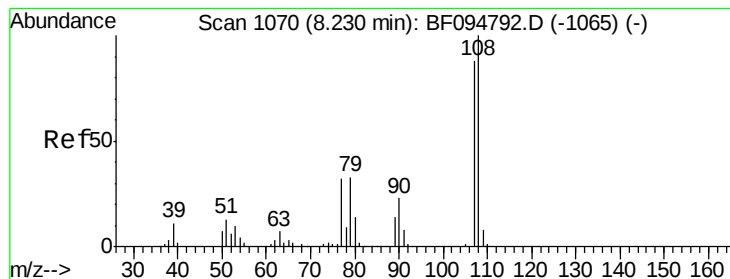
Tgt Ion: 79 Resp: 238196
Ion Ratio Lower Upper
79 100
108 83.7 63.4 95.0
77 60.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.18 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion: 45 Resp: 375183
Ion Ratio Lower Upper
45 100
77 35.8 0.0 33.2#
79 33.6 0.0 30.0#





#17

2-Methylphenol

Concen: 39.45 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 244467

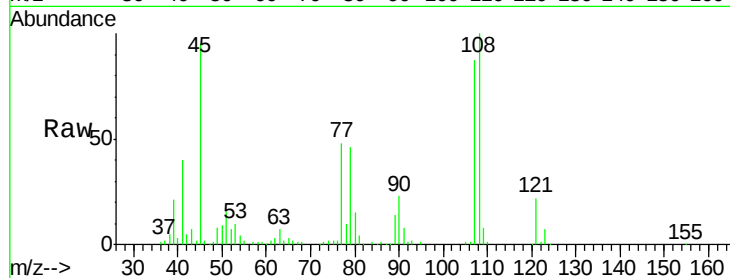
Ion Ratio Lower Upper

107 100

108 114.8 93.4 140.0

77 55.0 35.8 53.6#

79 53.3 34.8 52.2#

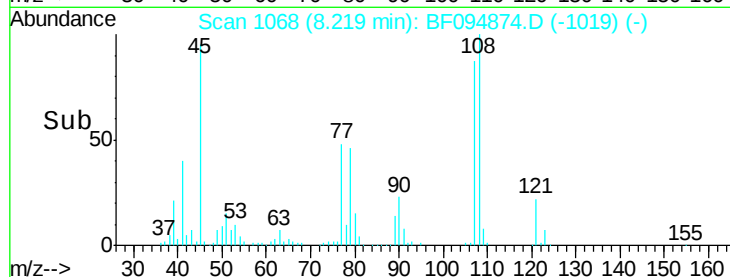


Abundance Ion 107.00 (106.70 to 107.70): E

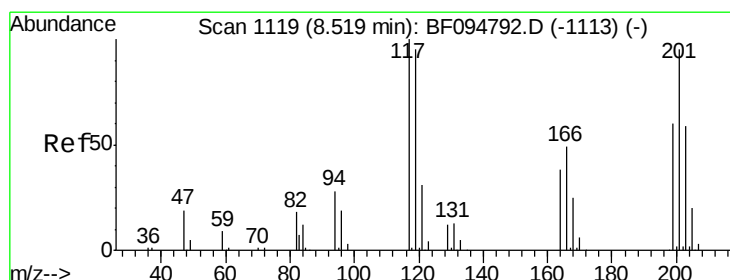
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 40.17 ng

RT: 8.51 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

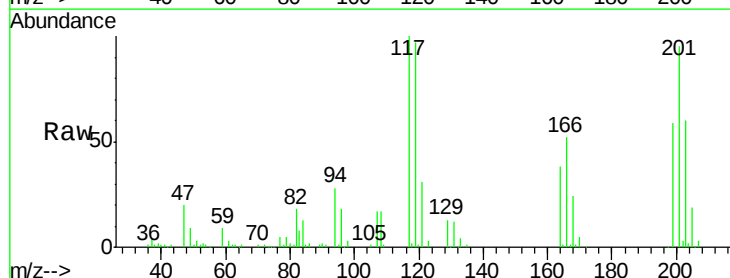
Tgt Ion:117 Resp: 118535

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

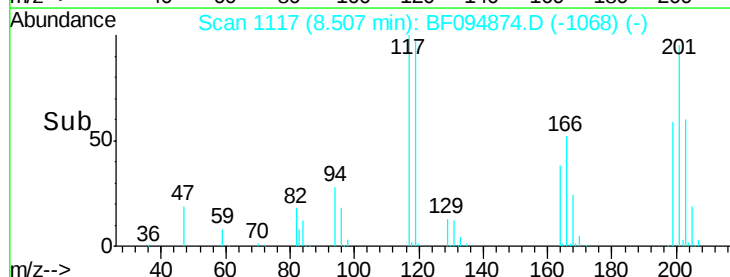
201 95.2 94.6 141.8



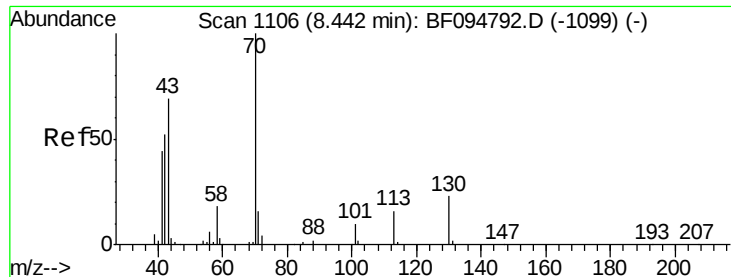
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



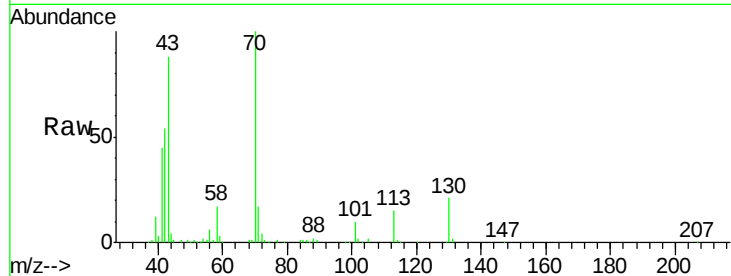
Time-->



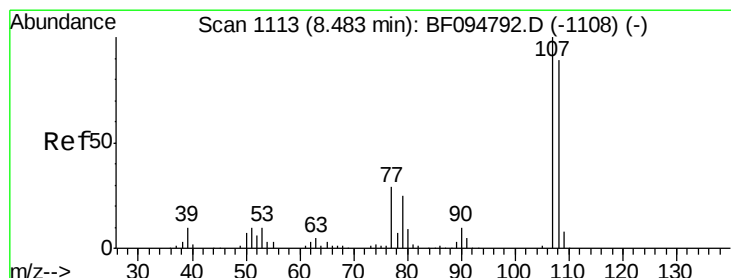
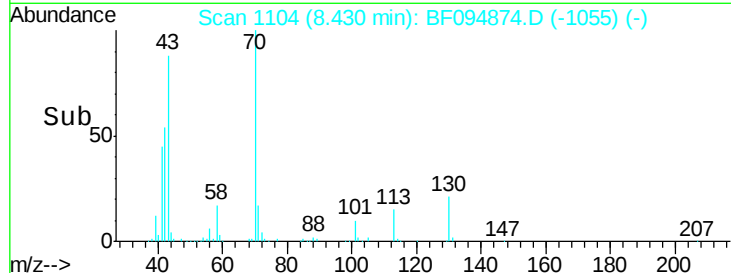
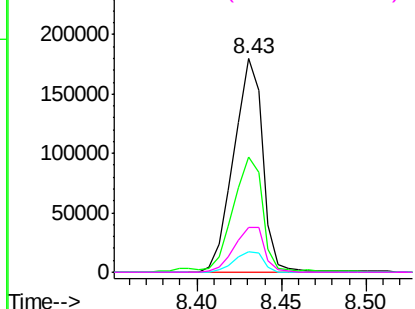
#19
n-Nitroso-di-n-propylamine
Concen: 39.97 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 215743
Ion Ratio Lower Upper
70 100
42 53.8 47.2 70.8
101 9.6 7.2 10.8
130 21.2 15.9 23.9

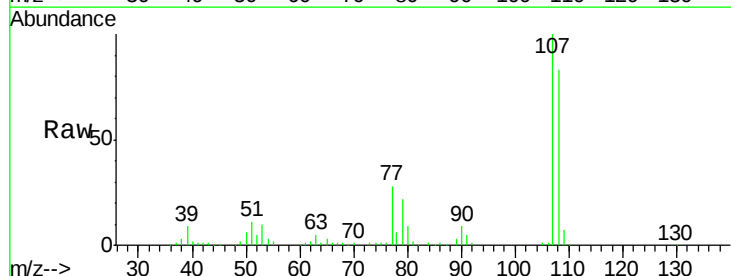


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

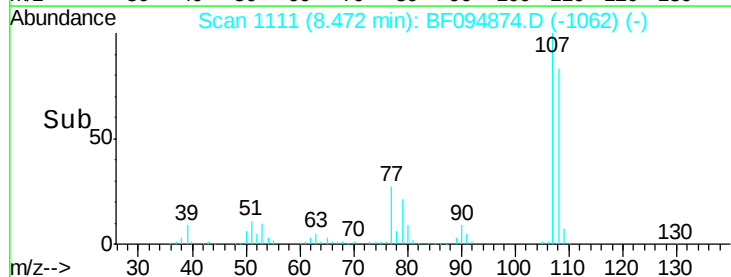
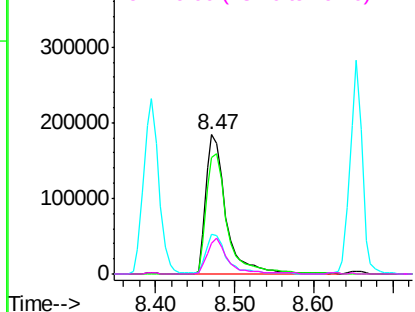


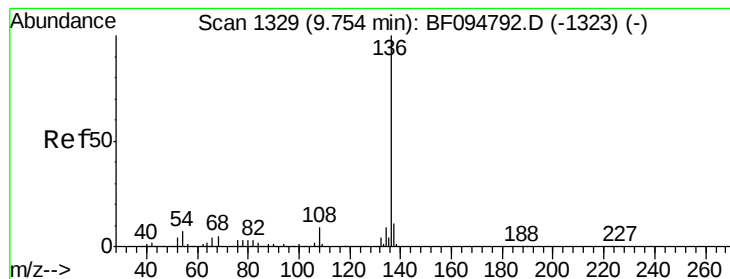
#20
3+4-Methylphenols
Concen: 39.21 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion: 107 Resp: 330173
Ion Ratio Lower Upper
107 100
108 83.4 71.0 111.0
77 28.4 90.5 130.5#
79 21.9 8.4 48.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 447160

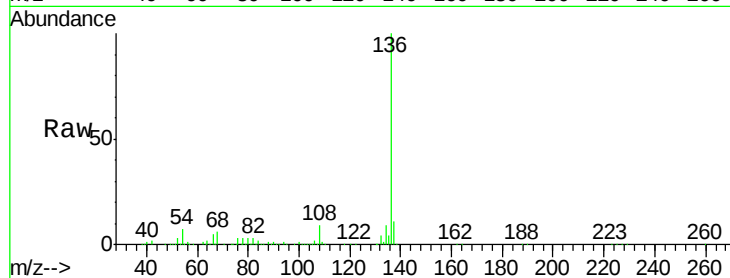
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 5.6 4.1 6.1

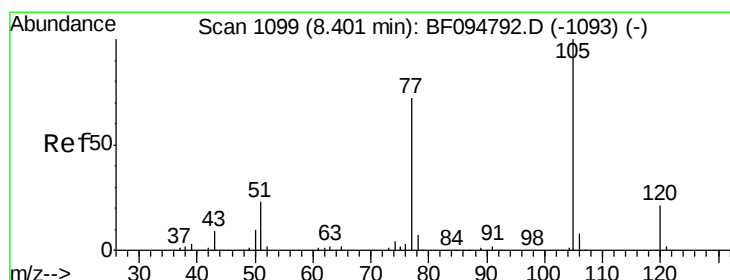
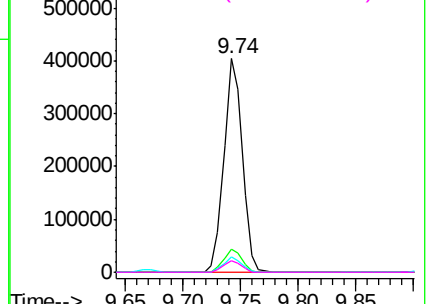
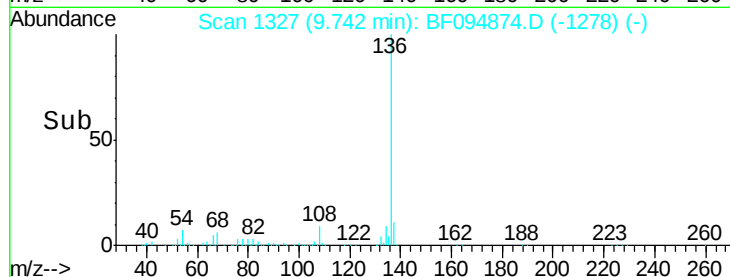


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.73 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Tgt Ion:105 Resp: 436952

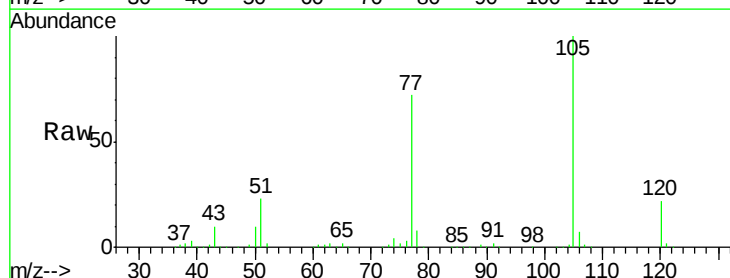
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.2 30.7 46.1#

120 22.1 17.4 26.0

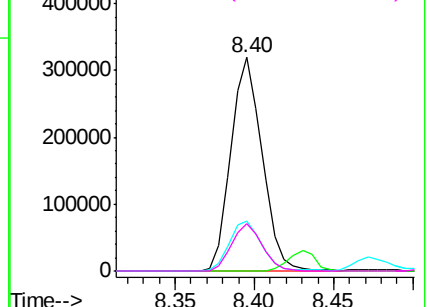
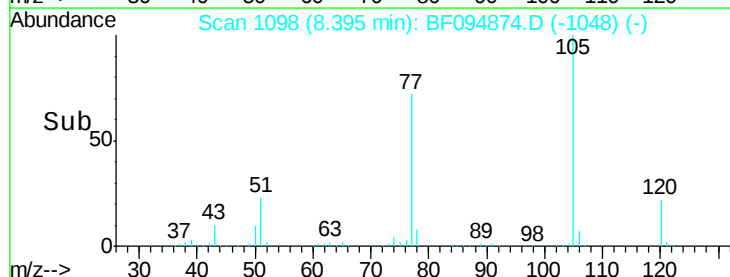


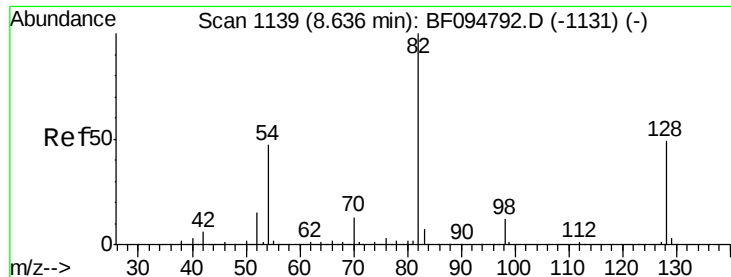
Abundance Ion 105.00 (104.70 to 105.70): E

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

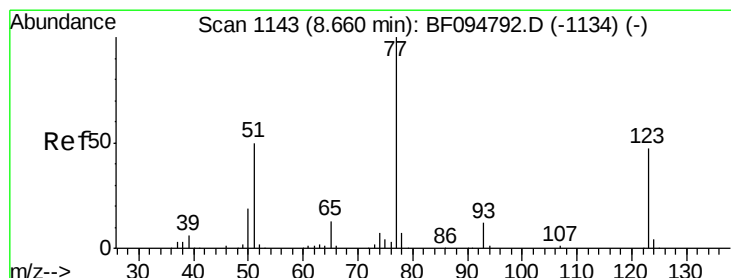
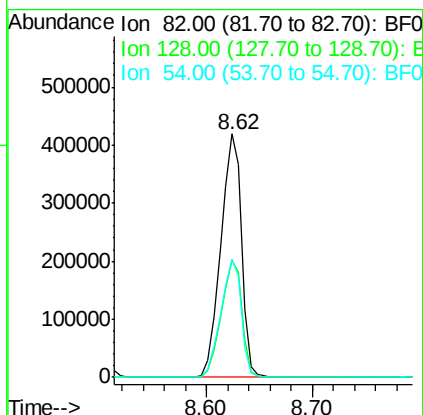
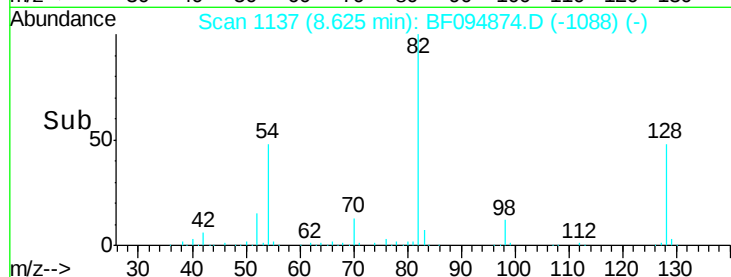
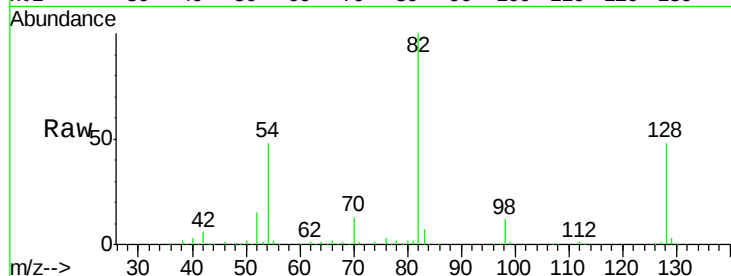




#23
Nitrobenzene-d5
Concen: 80.65 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

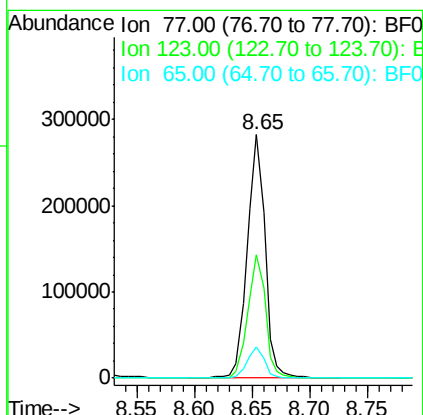
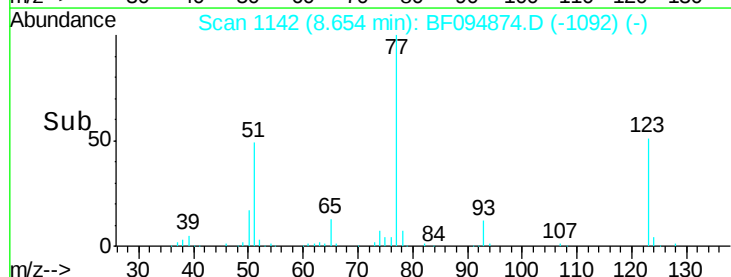
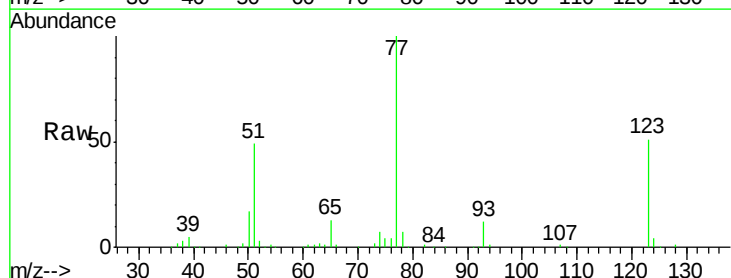
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

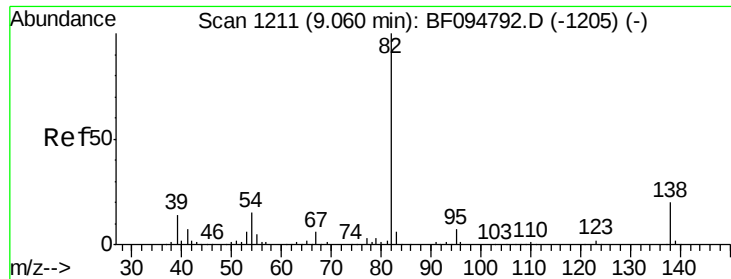
Tgt Ion: 82 Resp: 571876
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 48.5 42.2 63.2



#24
Nitrobenzene
Concen: 40.22 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion: 77 Resp: 298920
Ion Ratio Lower Upper
77 100
123 50.5 35.8 53.8
65 12.7 10.6 15.8

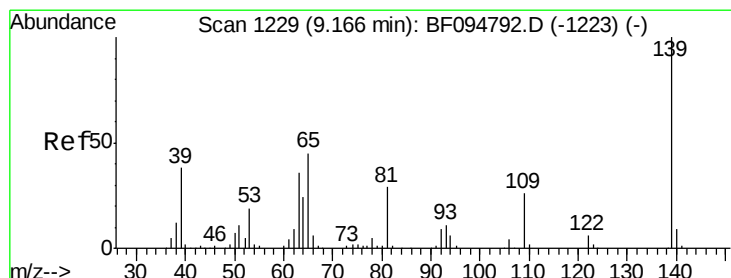
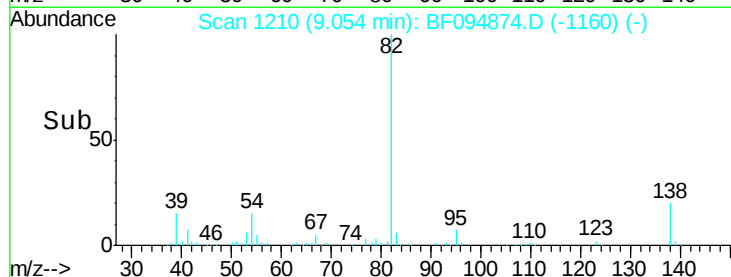
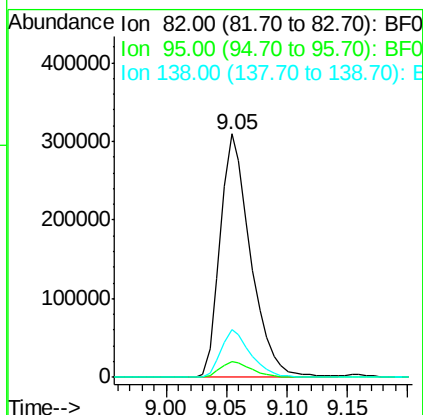
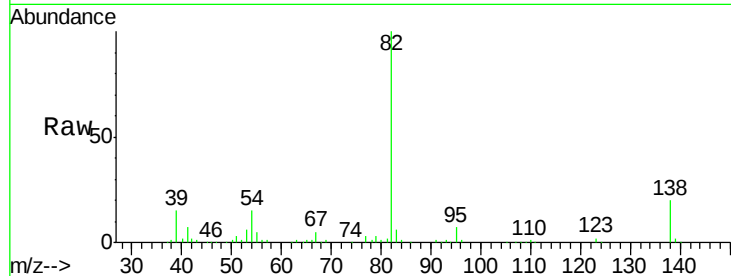




#25
Isophorone
Concen: 42.77 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

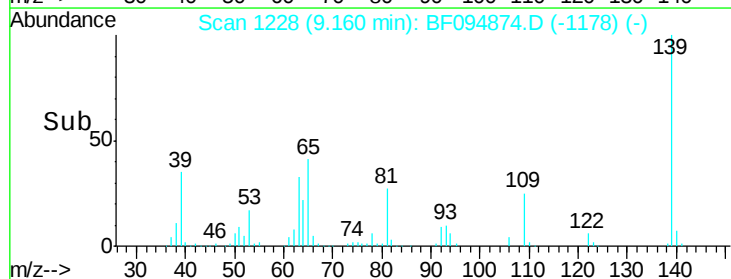
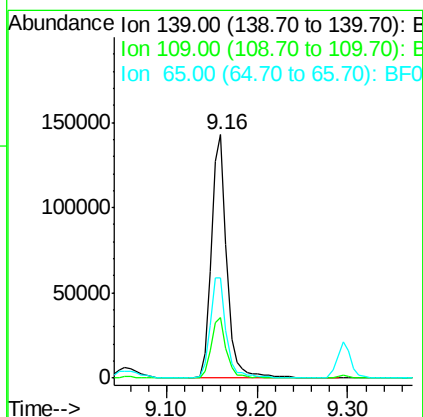
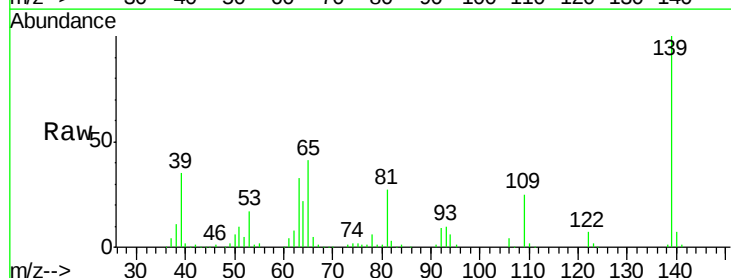
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

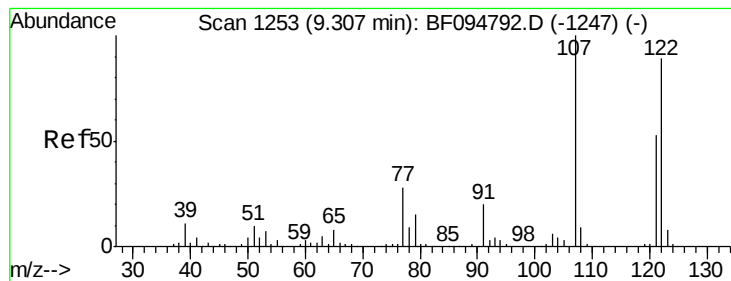
Tgt Ion: 82 Resp: 541548
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.8 13.1 19.7#



#26
2-Nitrophenol
Concen: 42.45 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion: 139 Resp: 170266
Ion Ratio Lower Upper
139 100
109 25.0 21.0 31.6
65 41.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.38 ng

RT: 9.30 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

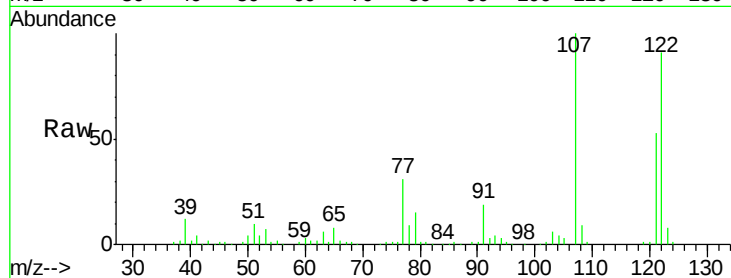
Tgt Ion:122 Resp: 268344

Ion Ratio Lower Upper

122 100

107 109.8 89.2 133.8

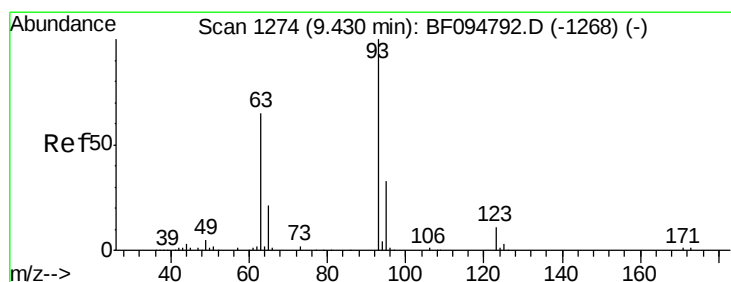
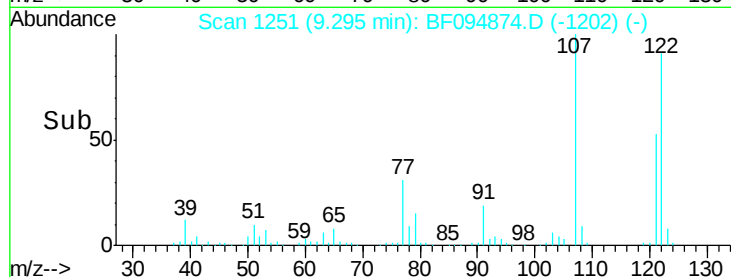
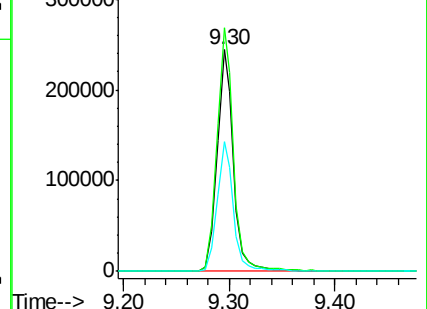
121 58.3 45.2 67.8



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: 39.59 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

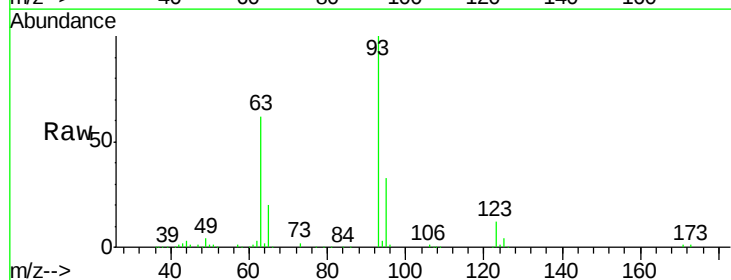
Tgt Ion: 93 Resp: 346780

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

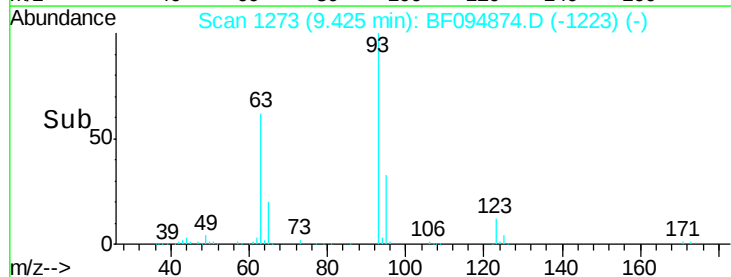
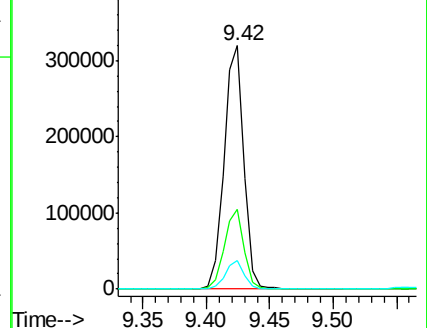
123 11.5 9.0 13.4

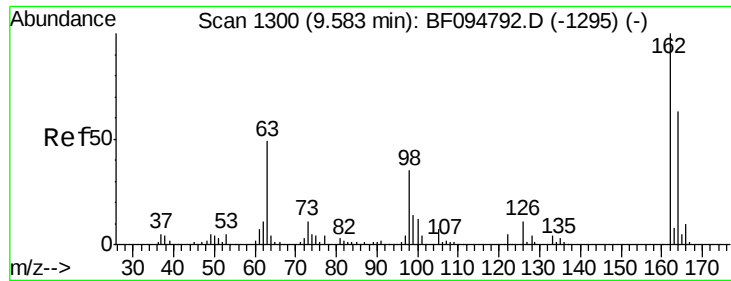


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

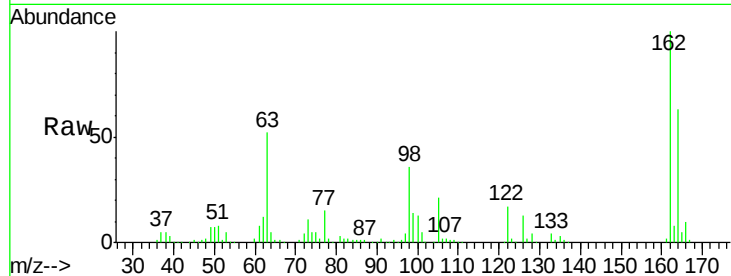




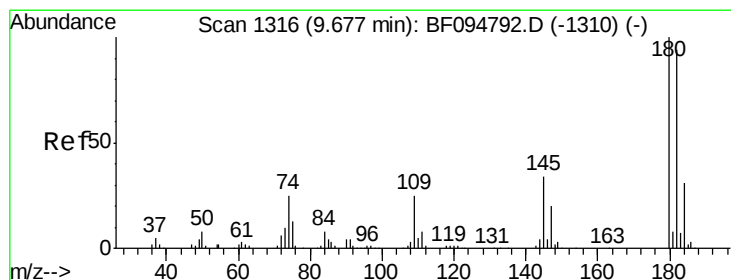
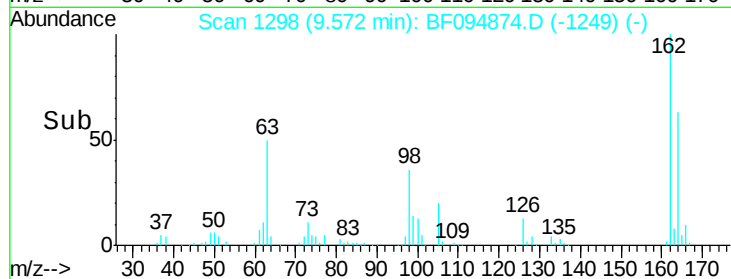
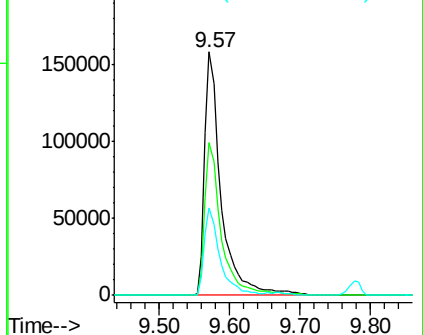
#29
 2,4-Dichlorophenol
 Concen: 42.29 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	35.8	14.8	54.8

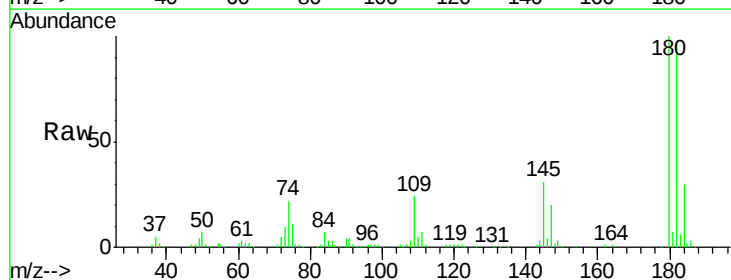


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

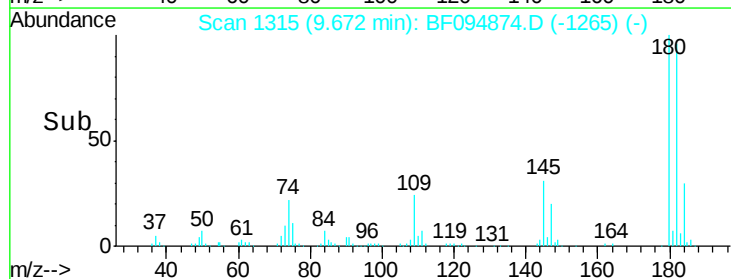
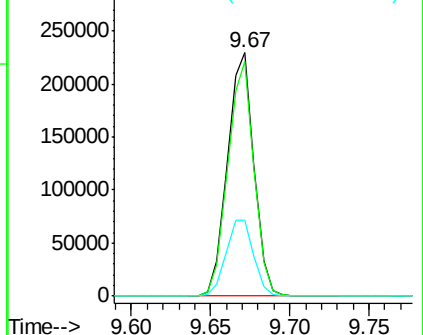


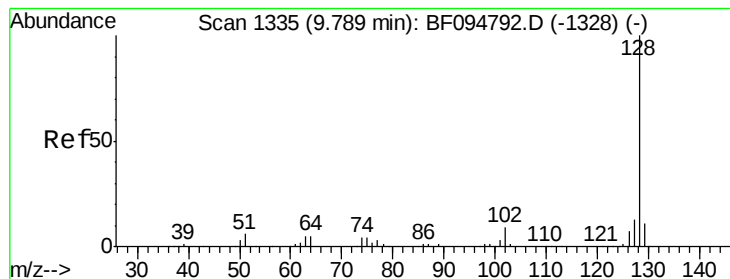
#30
 1,2,4-Trichlorobenzene
 Concen: 40.41 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.8	113.6
145	31.3	25.3	37.9



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





#31

Naphthalene

Concen: 39.24 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

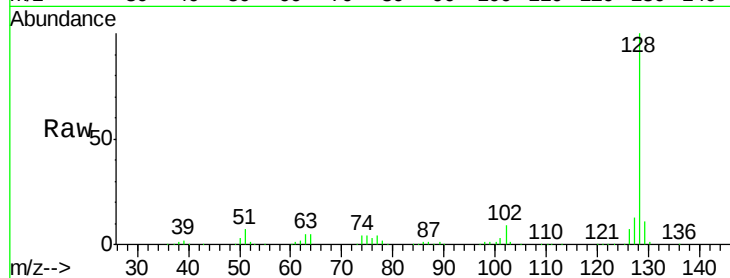
Tgt Ion:128 Resp: 881994

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

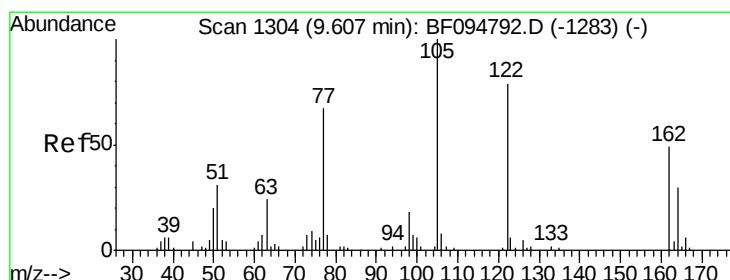
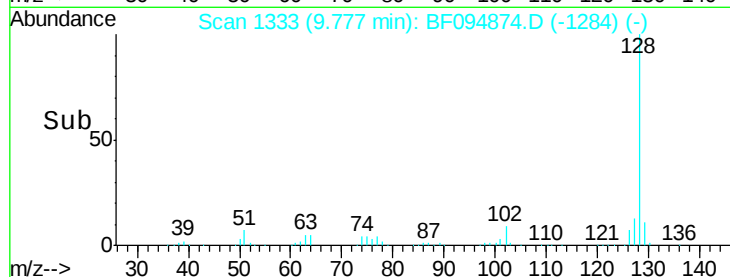
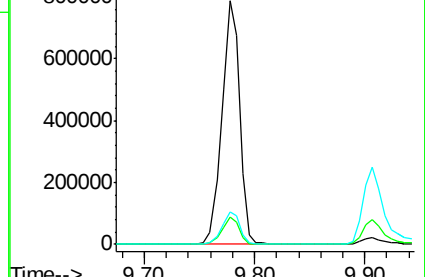
127 13.1 10.8 16.2



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: 37.36 ng

RT: 9.61 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

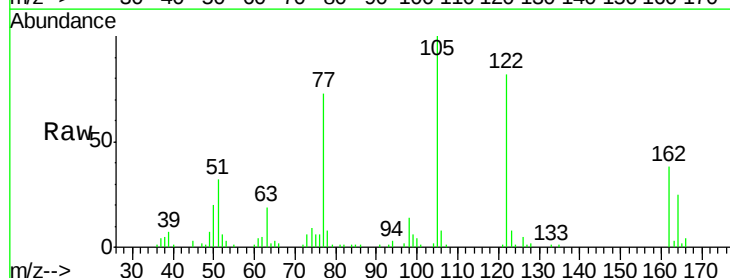
Tgt Ion:122 Resp: 153683

Ion Ratio Lower Upper

122 100

105 122.1 103.3 143.3

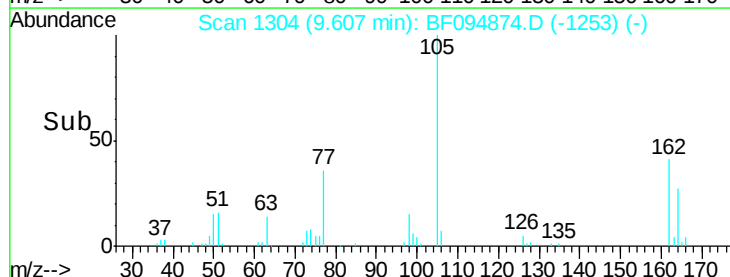
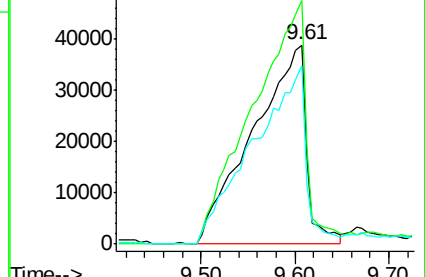
77 89.5 73.7 113.7

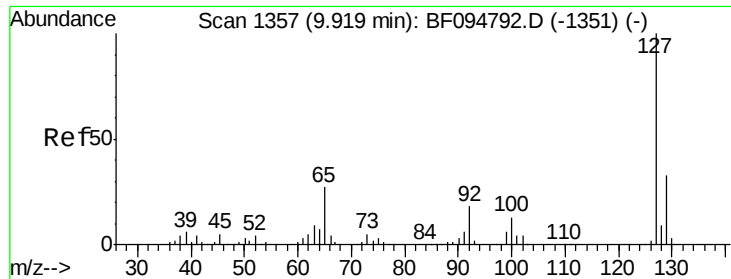


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

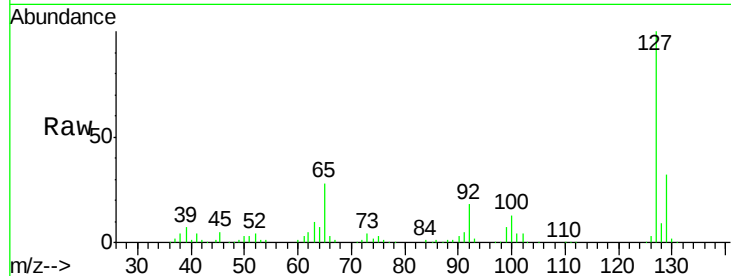




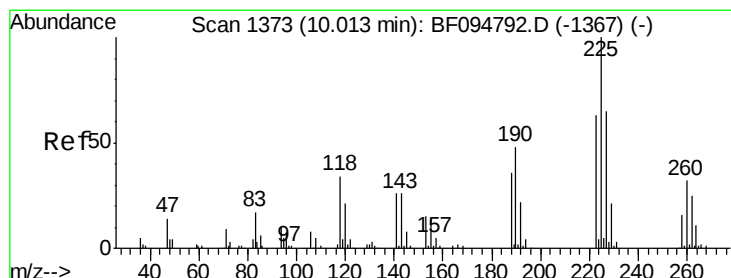
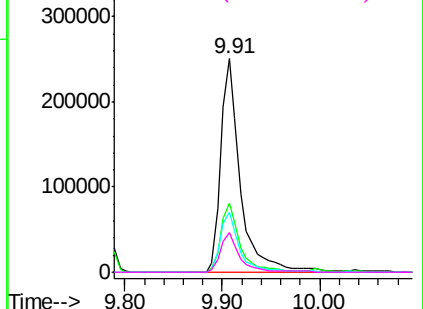
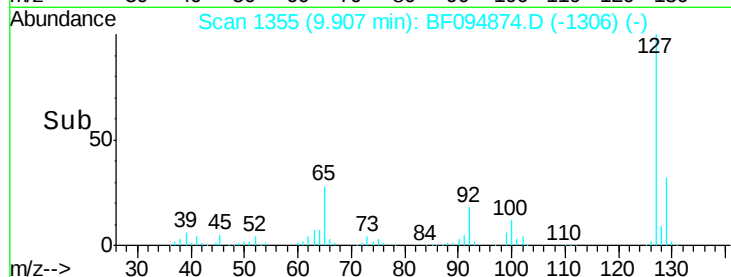
#33
4-Chloroaniline
Concen: 41.88 ng
RT: 9.91 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	350793
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	27.9	27.8	41.8
92	18.4	16.8	25.2

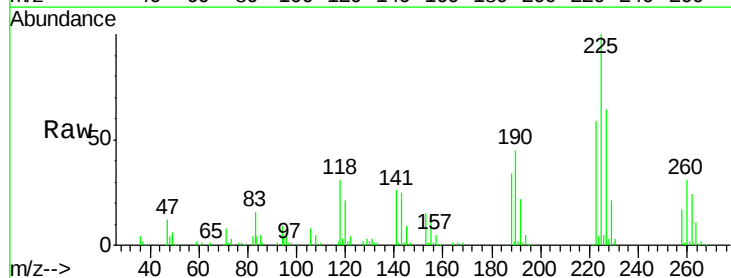


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

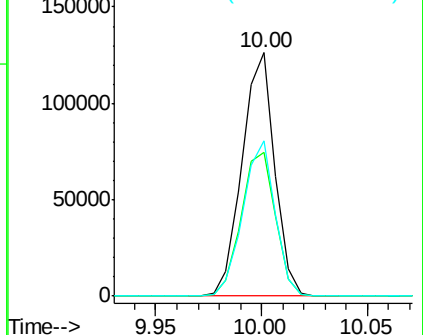
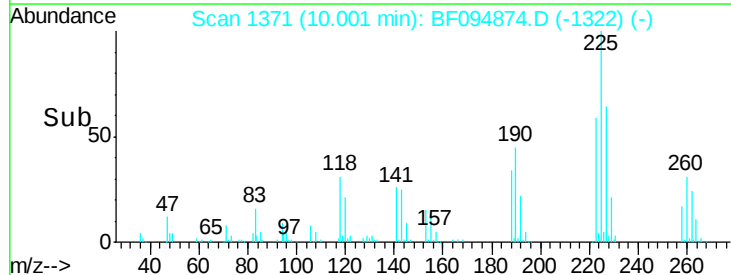


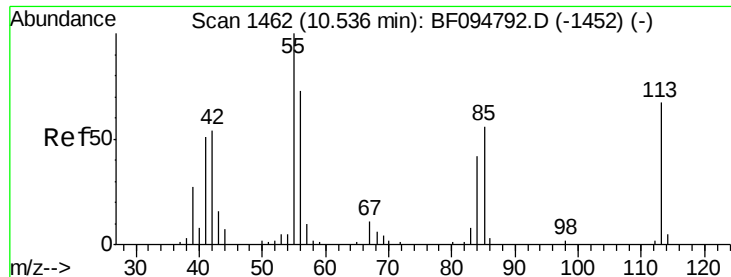
#34
Hexachlorobutadiene
Concen: 39.00 ng
RT: 10.00 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion:	225	Resp:	134973
Ion	Ratio	Lower	Upper
225	100		
223	59.2	48.8	73.2
227	63.7	51.1	76.7



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

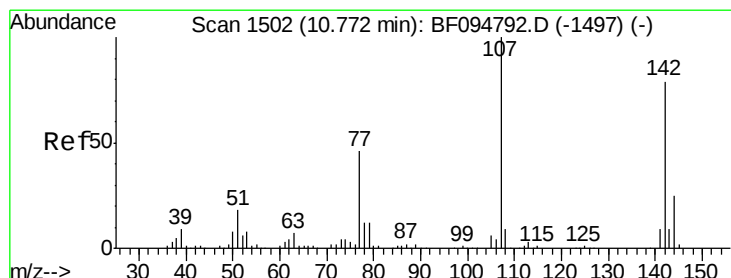
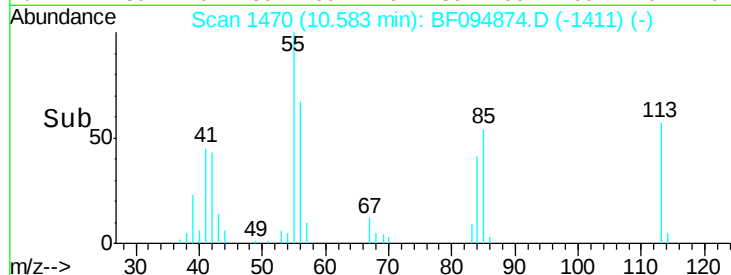
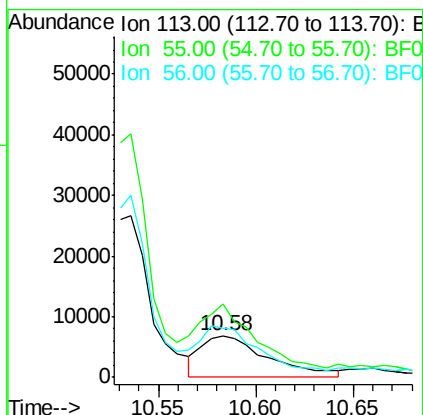
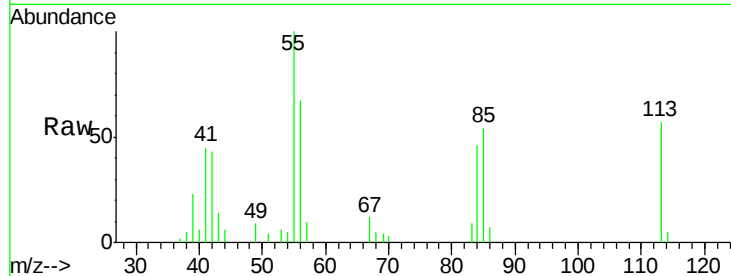




#35
 Caprolactam
 Concen: 8.81 ng
 RT: 10.58 min Scan# 1470
 Delta R.T. 0.05 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

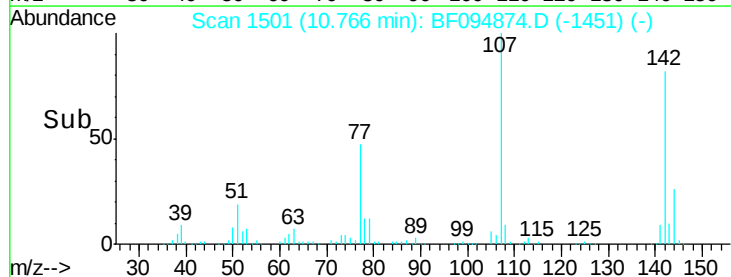
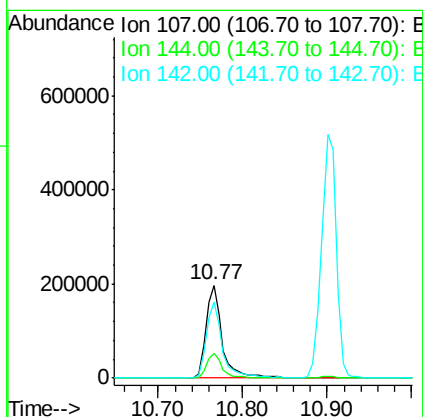
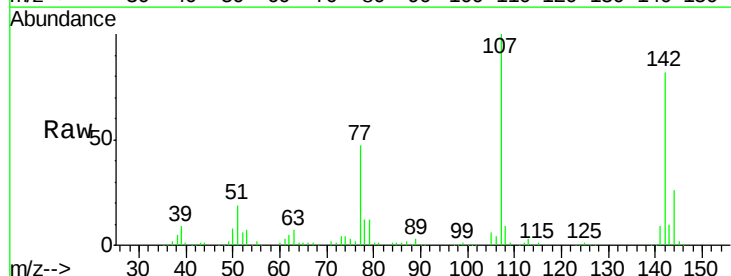
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

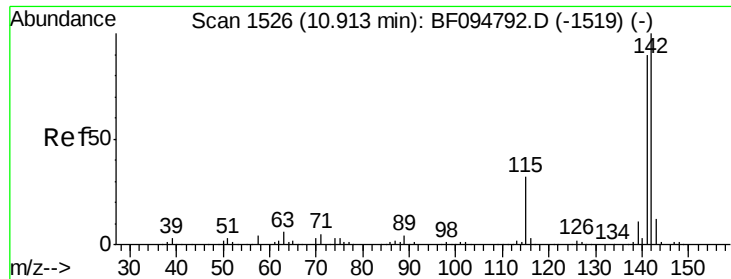
Tgt Ion:113 Resp: 16194
 Ion Ratio Lower Upper
 113 100
 55 176.7 150.2 190.2
 56 117.6 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.46 ng
 RT: 10.77 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:107 Resp: 264834
 Ion Ratio Lower Upper
 107 100
 144 26.3 24.2 36.4
 142 82.3 73.4 110.0

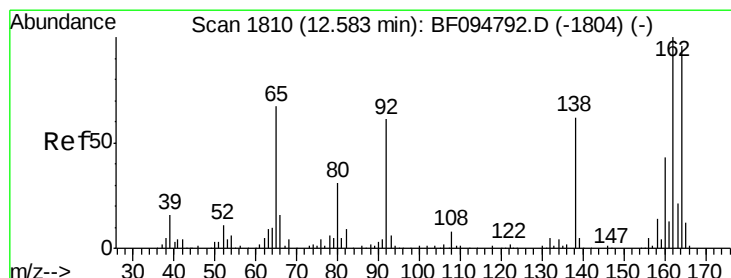
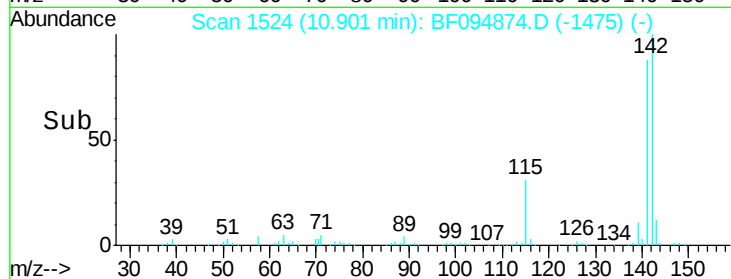
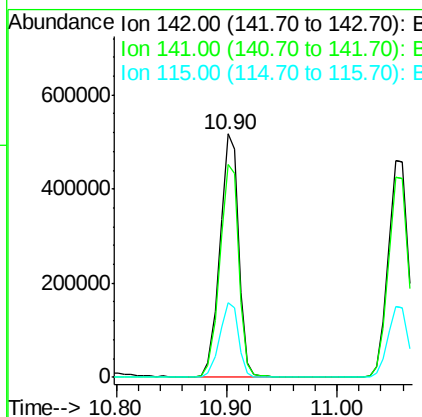
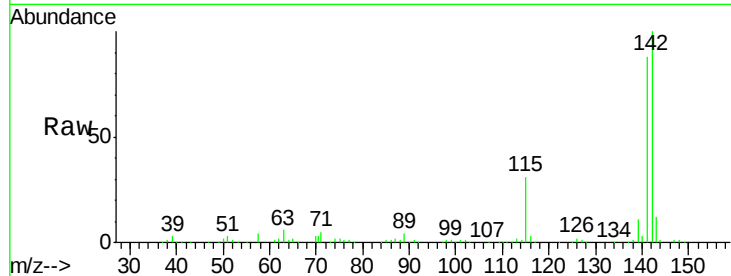




#37
2-Methylnaphthalene
Concen: 41.75 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

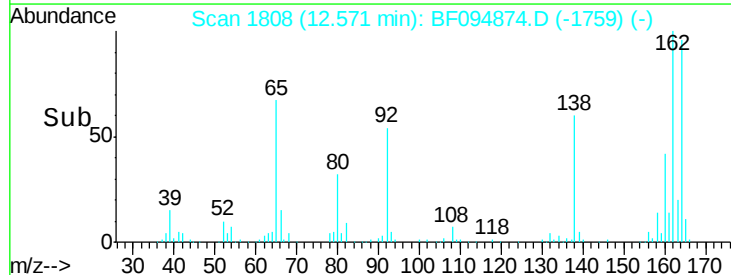
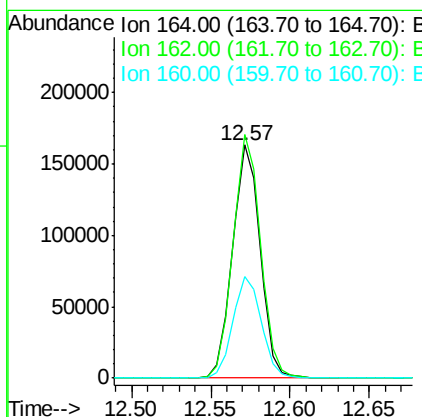
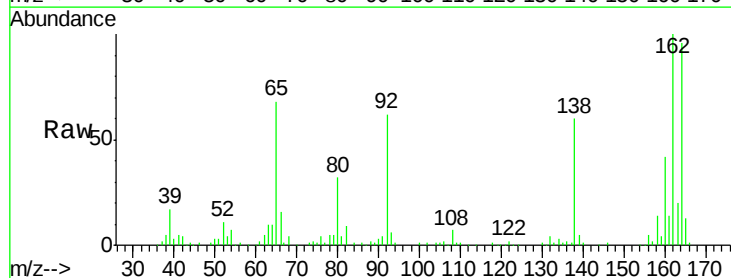
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

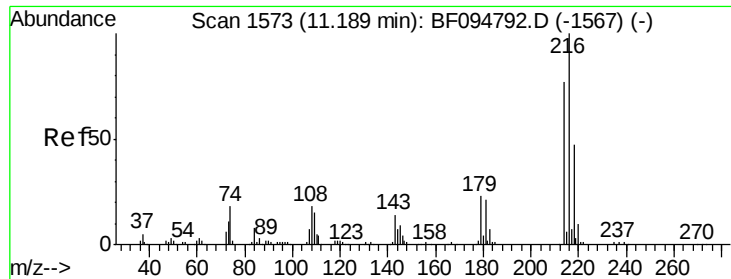
Tgt Ion:142 Resp: 615779
Ion Ratio Lower Upper
142 100
141 87.7 71.3 106.9
115 30.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion:164 Resp: 196461
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 43.8 36.2 54.2

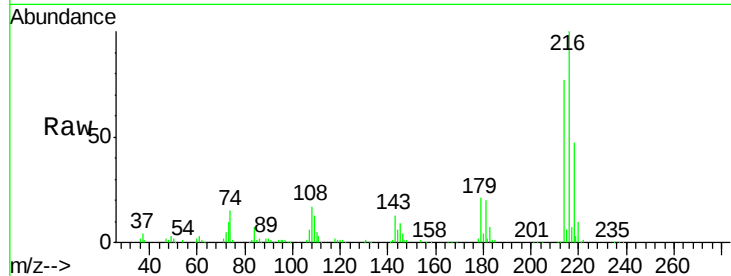




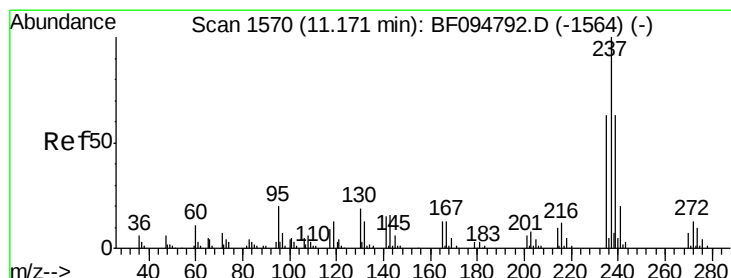
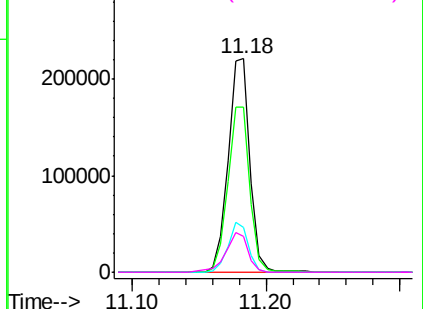
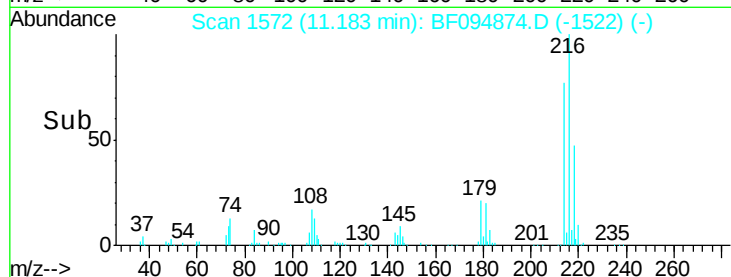
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.85 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	252868
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.2
179	22.0	17.9	26.9
108	19.2	16.5	24.7

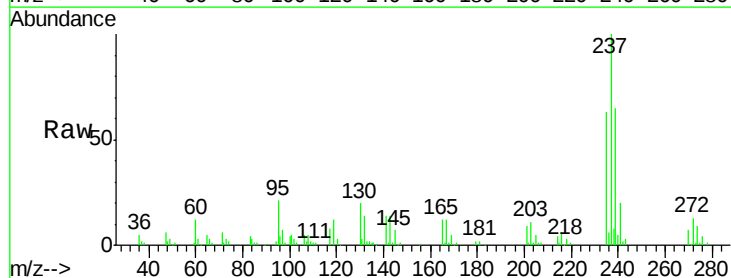


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

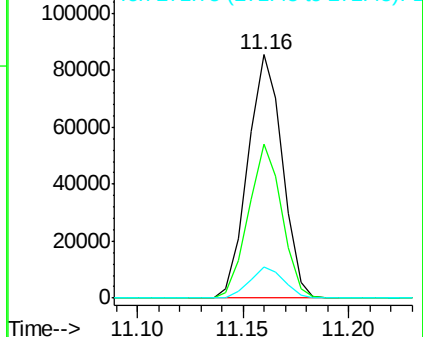
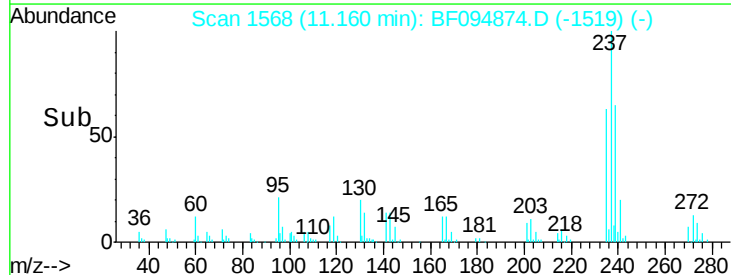


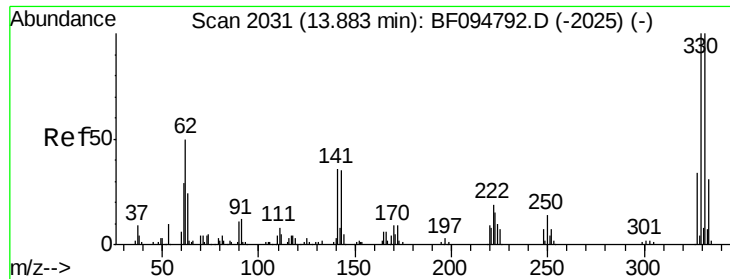
#40
 Hexachlorocyclopentadiene
 Concen: 41.32 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:	237	Resp:	96891
Ion	Ratio	Lower	Upper
237	100		
235	63.3	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

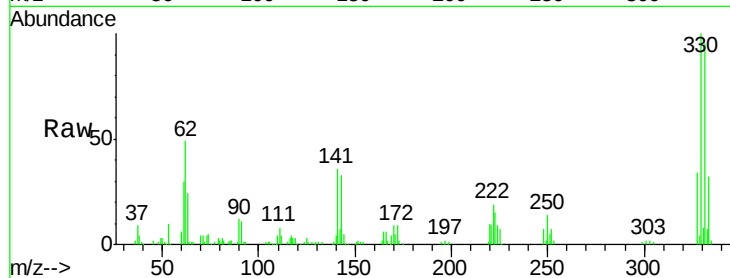




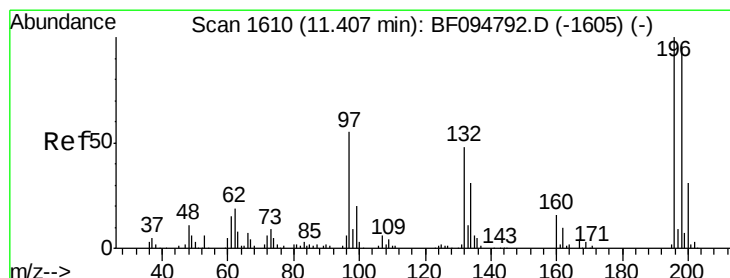
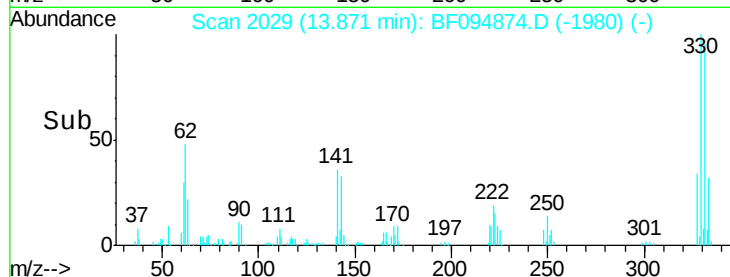
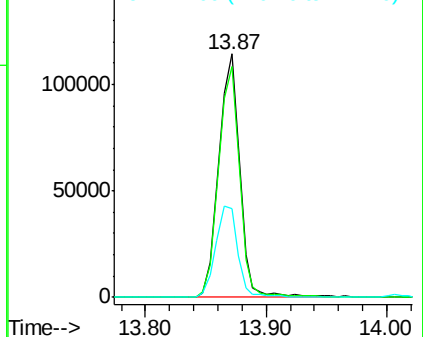
#41
 2,4,6-Tribromophenol
 Concen: 85.54 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 137624
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 39.1 31.4 47.2

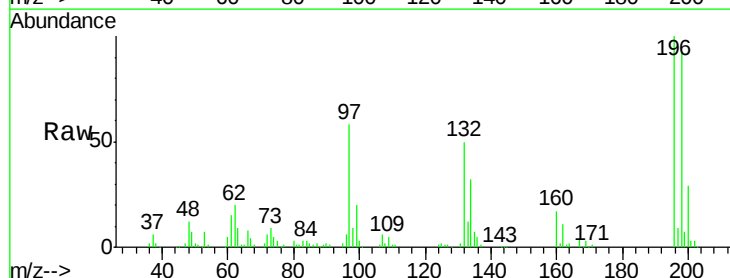


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

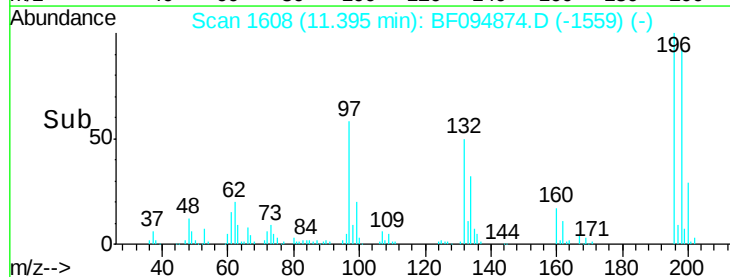
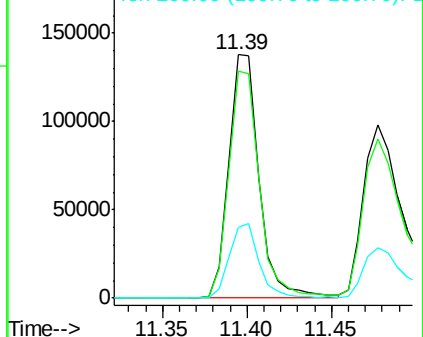


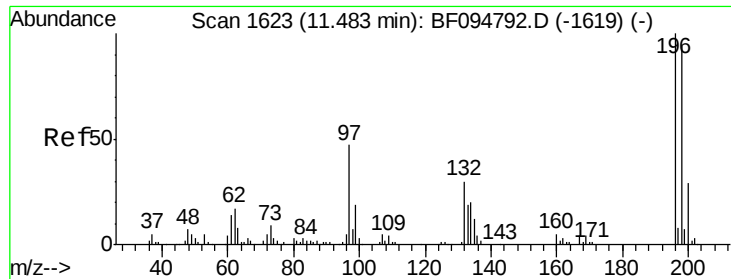
#42
 2,4,6-Trichlorophenol
 Concen: 42.51 ng
 RT: 11.39 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:196 Resp: 171479
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.2 111.4
 200 28.8 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

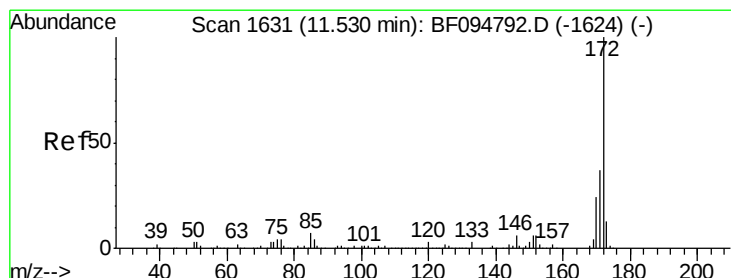
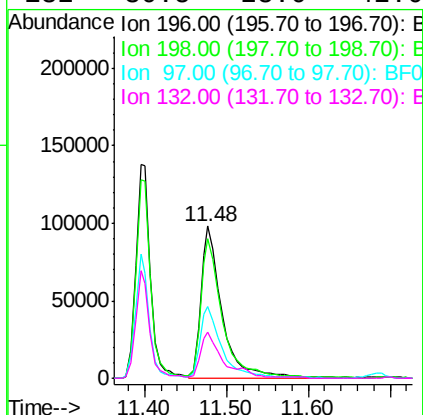
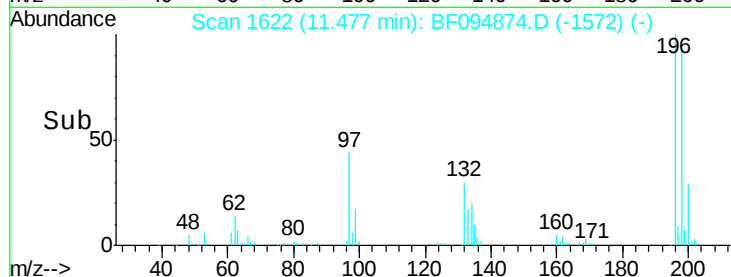
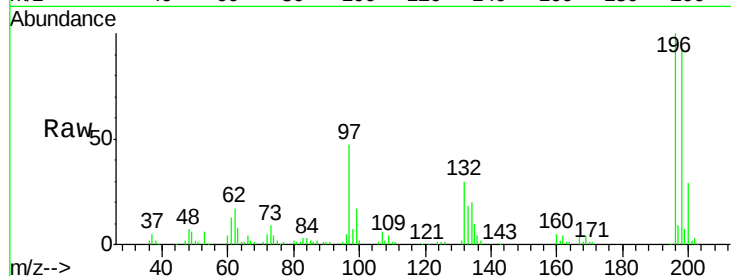




#43
 2,4,5-Trichlorophenol
 Concen: 40.30 ng
 RT: 11.48 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

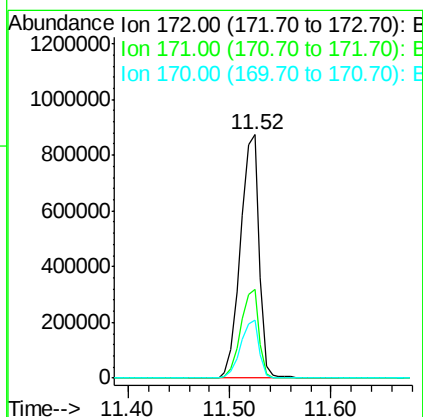
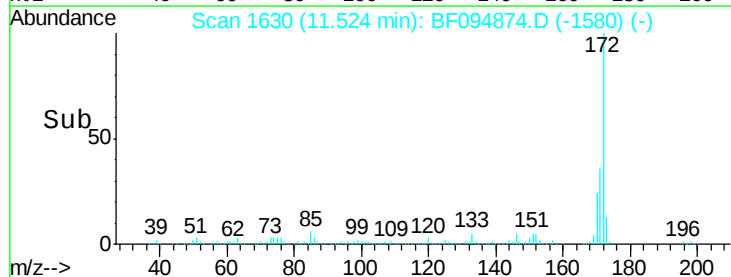
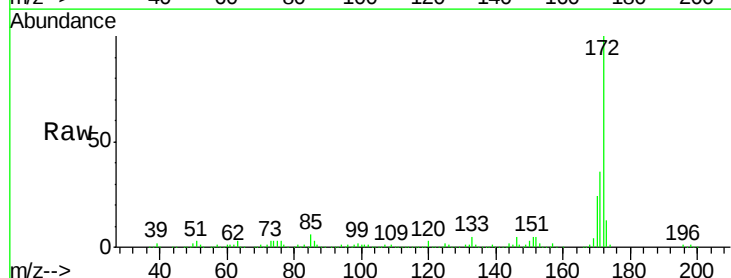
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

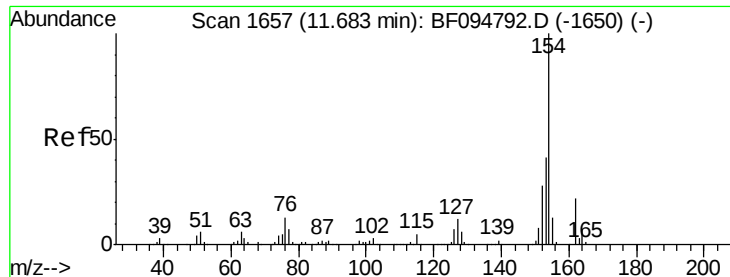
Tgt Ion:196 Resp: 174705
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.7 113.5
 97 46.9 47.7 71.5#
 132 30.5 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:172 Resp: 1116365
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.6 19.8 29.8

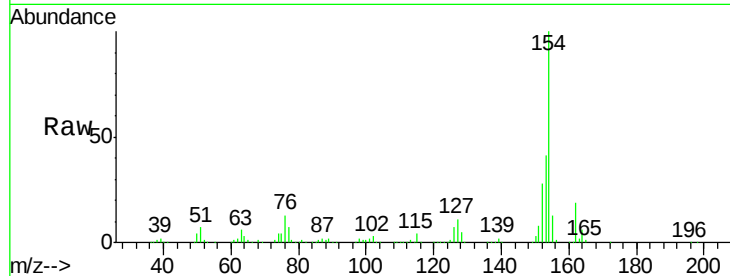




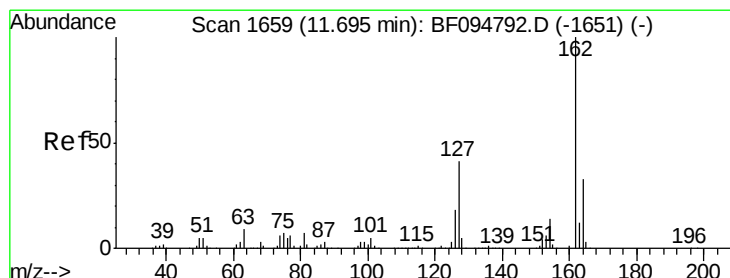
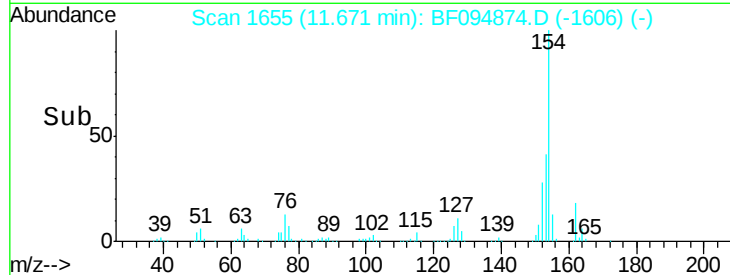
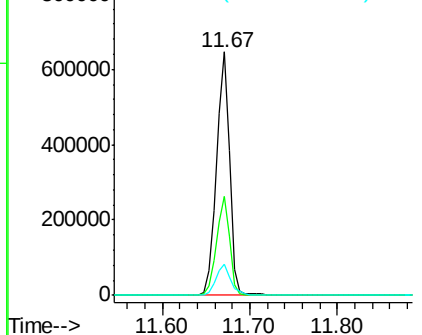
#45
 1,1'-Biphenyl
 Concen: 41.18 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 681205
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.2 61.2
 76 12.8 0.0 29.9

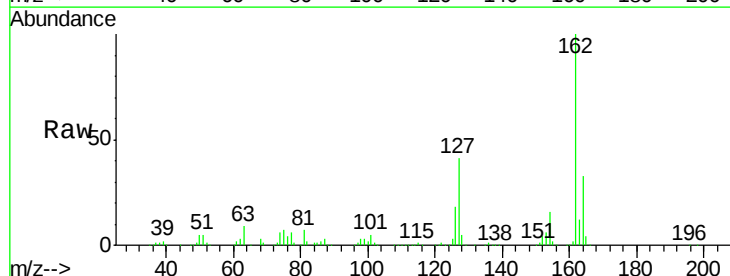


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

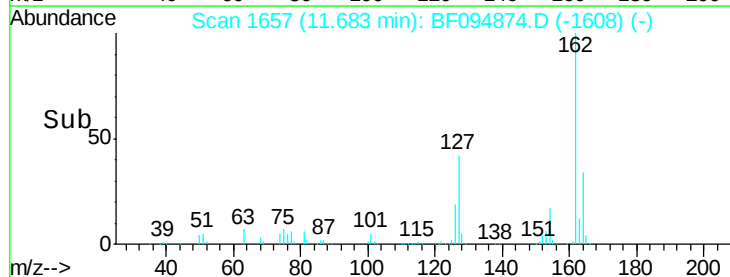
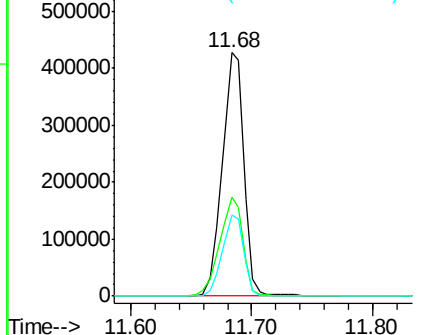


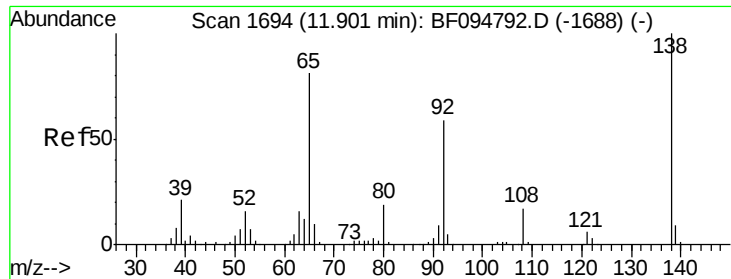
#46
 2-Chloronaphthalene
 Concen: 39.51 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:162 Resp: 527711
 Ion Ratio Lower Upper
 162 100
 127 40.7 28.3 42.5
 164 33.1 27.0 40.4



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

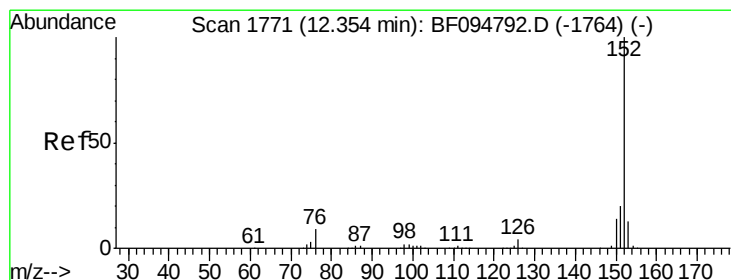
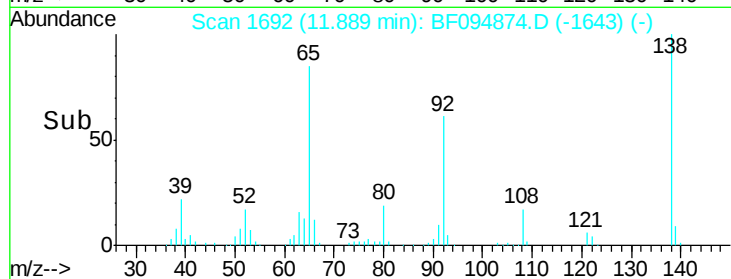
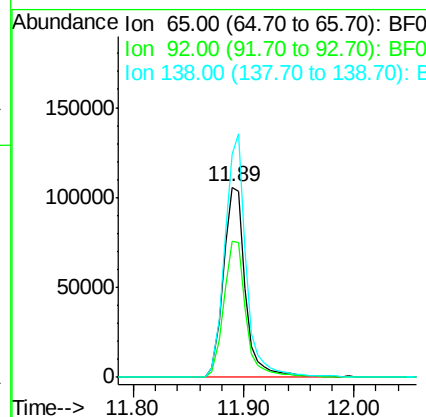
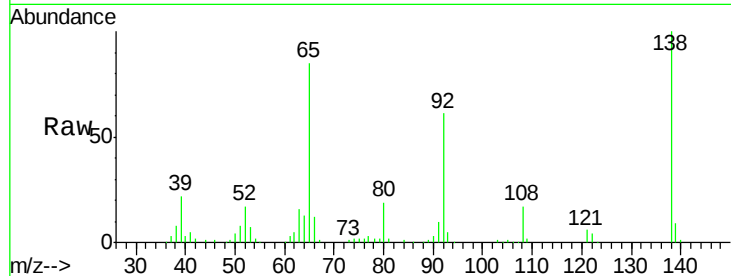




#47
 2-Nitroaniline
 Concen: 40.42 ng
 RT: 11.89 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

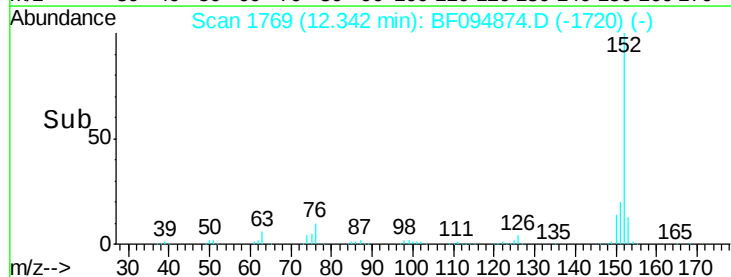
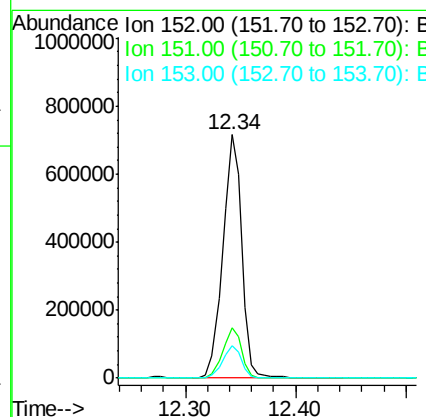
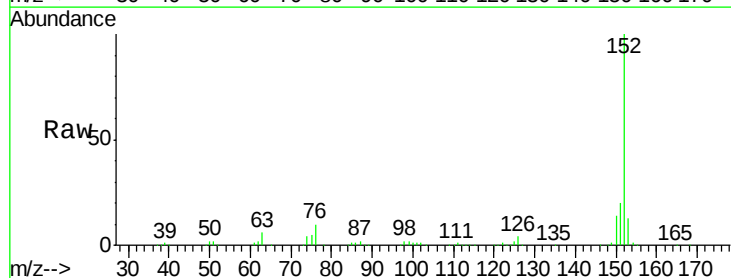
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

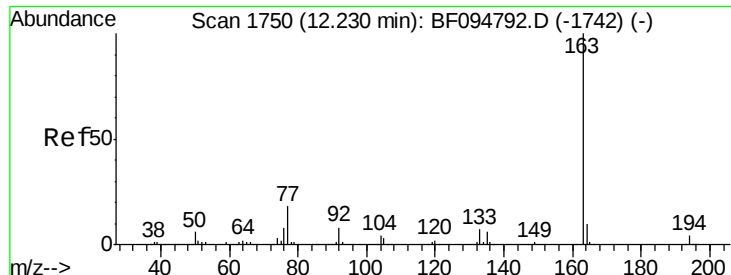
Tgt Ion:	65	Resp:	147751
Ion	Ratio	Lower	Upper
65	100		
92	72.0	53.9	80.9
138	117.9	78.8	118.2



#48
 Acenaphthylene
 Concen: 40.65 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:	152	Resp:	850297
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.4	10.8	16.2





#49

Dimethylphthalate

Concen: 39.48 ng

RT: 12.22 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

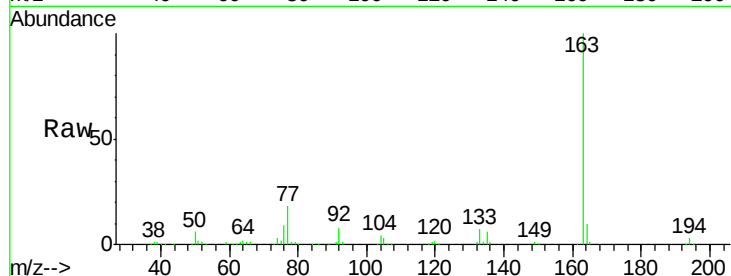
Tgt Ion:163 Resp: 636789

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

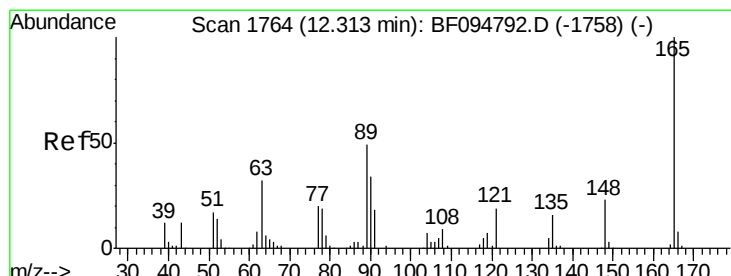
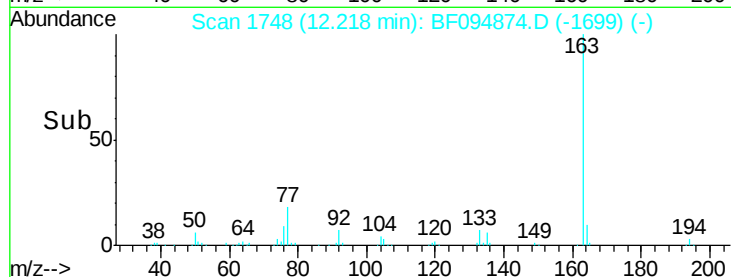
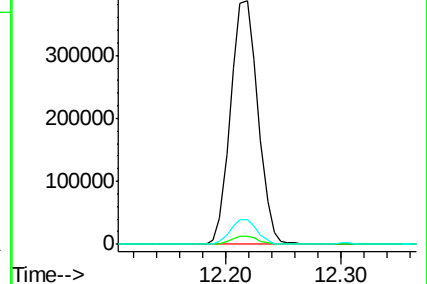
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.49 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

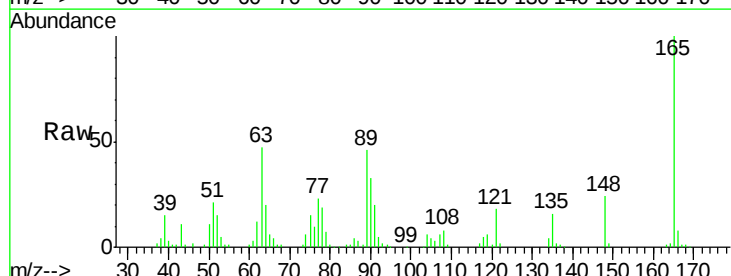
Tgt Ion:165 Resp: 139813

Ion Ratio Lower Upper

165 100

63 47.4 34.3 51.5

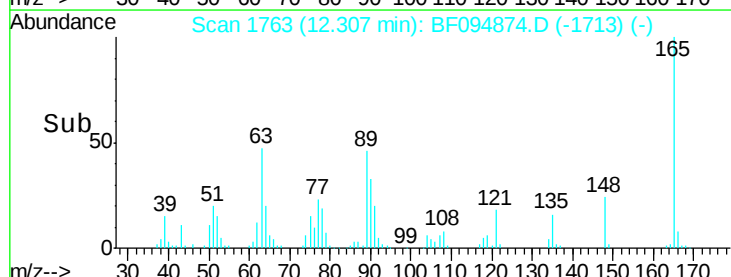
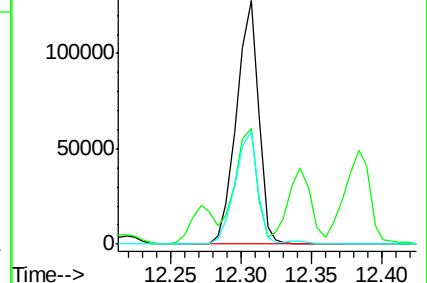
89 46.5 37.1 55.7

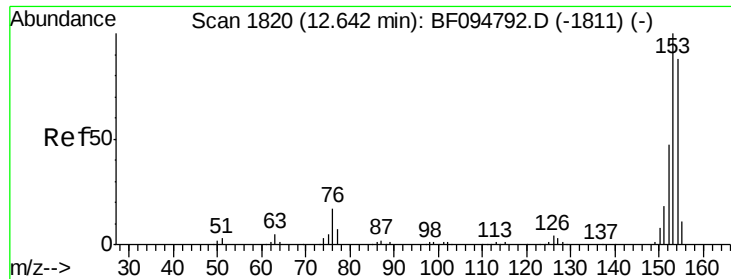


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.85 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

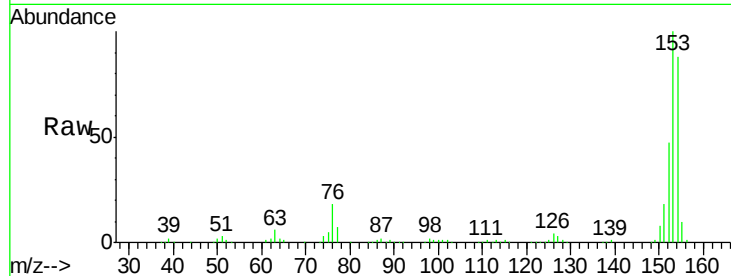
Tgt Ion:154 Resp: 497915

Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

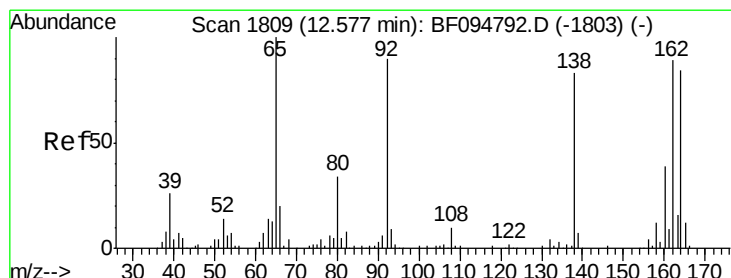
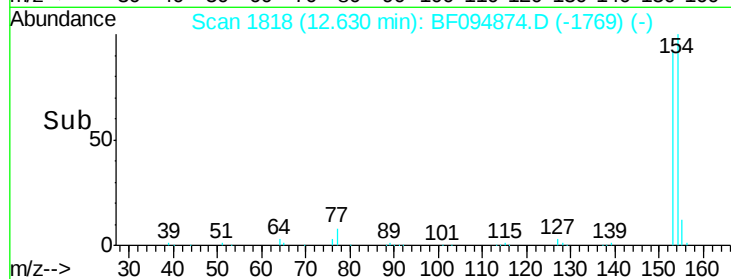
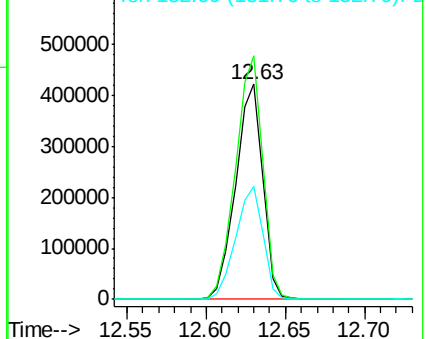
152 52.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.31 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

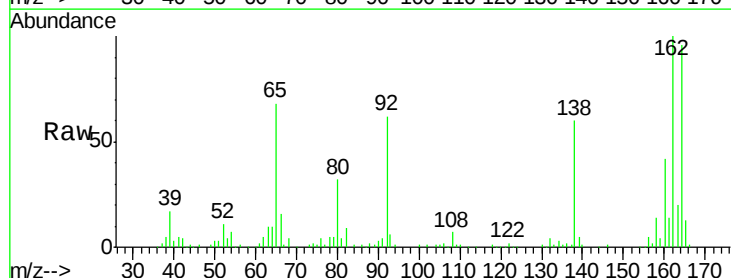
Tgt Ion:138 Resp: 138828

Ion Ratio Lower Upper

138 100

108 12.5 9.1 13.7

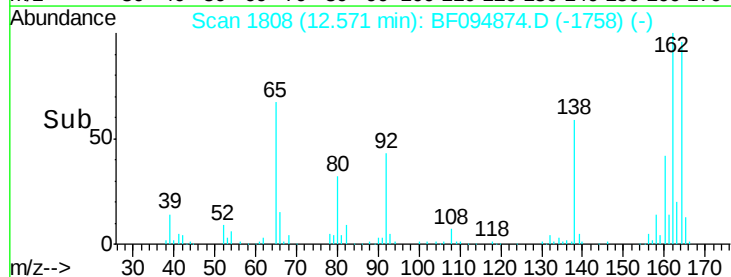
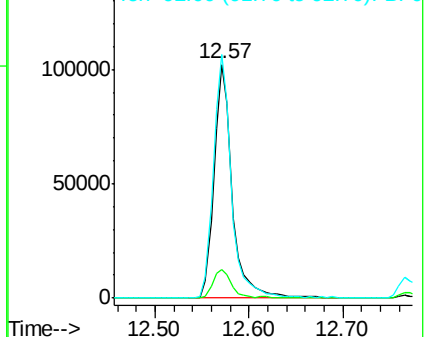
92 104.2 93.8 140.6

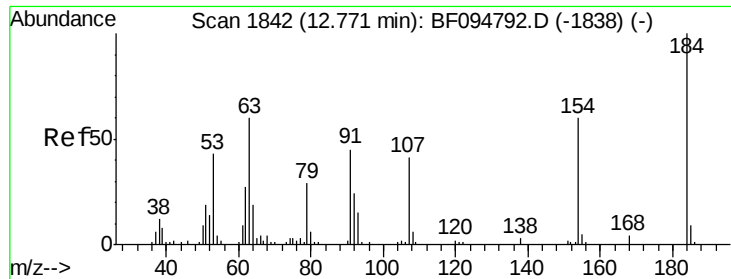


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

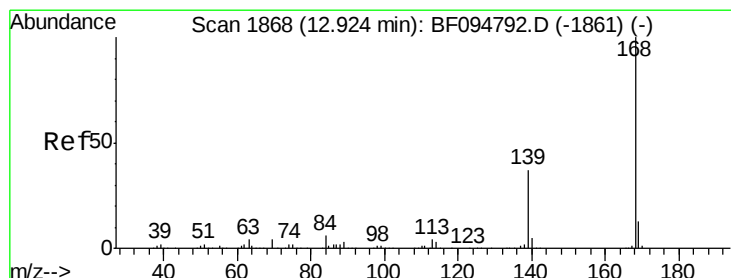
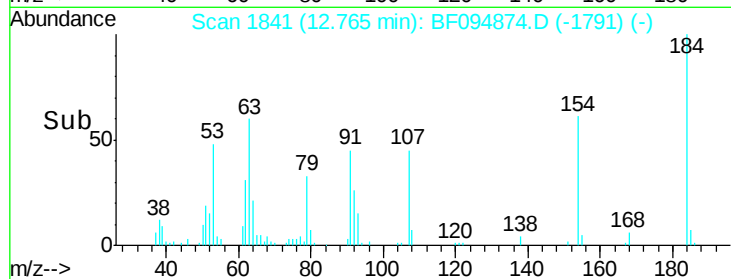
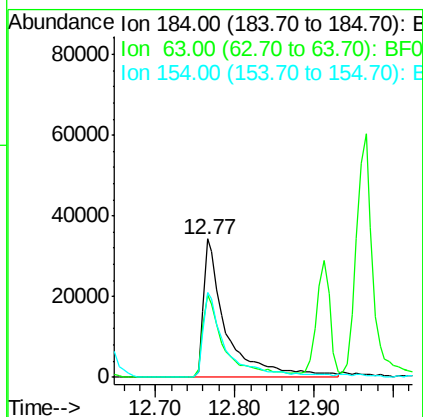
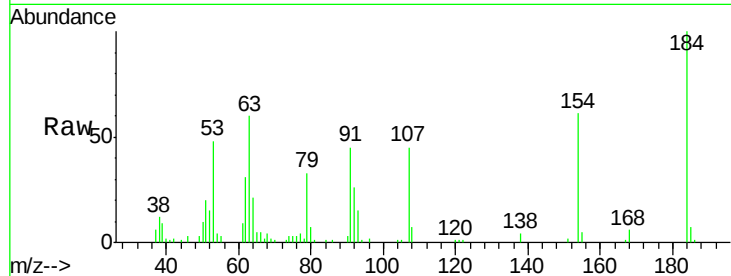




#53
2,4-Dinitrophenol
Concen: 41.48 ng
RT: 12.77 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

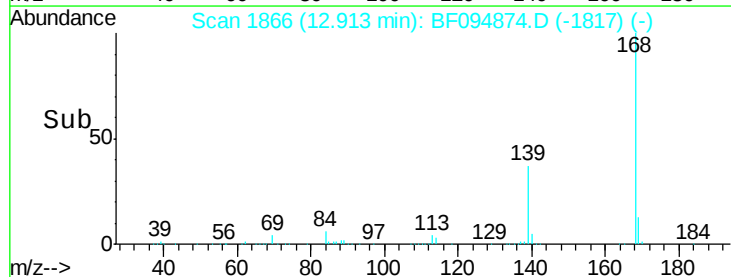
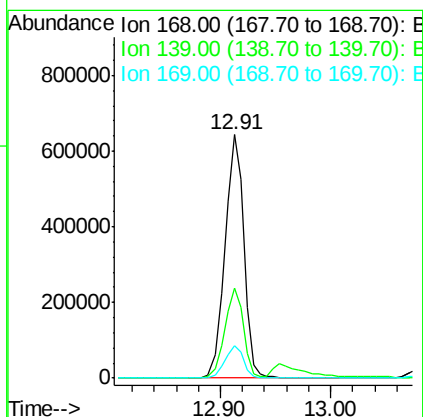
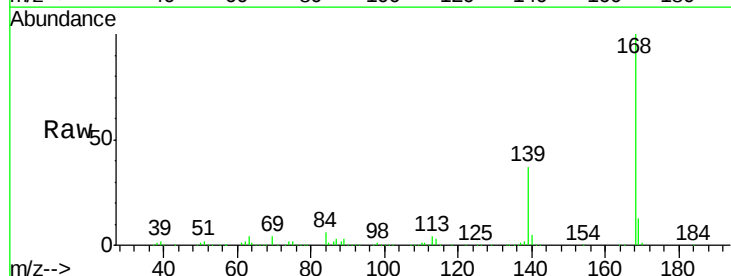
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

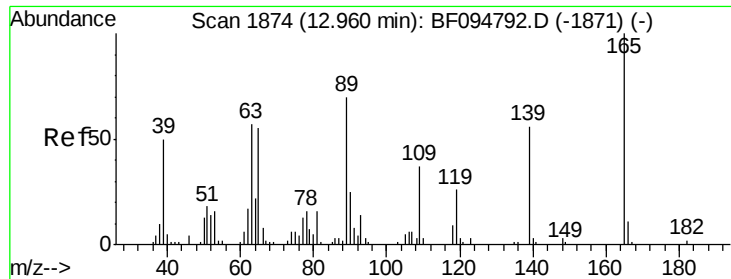
Tgt Ion:184 Resp: 69268
Ion Ratio Lower Upper
184 100
63 59.6 62.7 94.1#
154 61.4 81.1 121.7#



#54
Dibenzofuran
Concen: 44.58 ng
RT: 12.91 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion:168 Resp: 770826
Ion Ratio Lower Upper
168 100
139 36.9 30.6 45.8
169 13.4 10.8 16.2

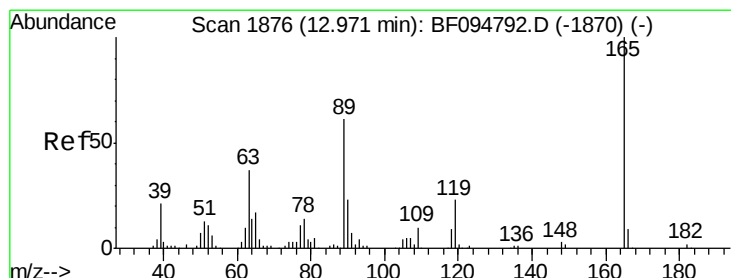
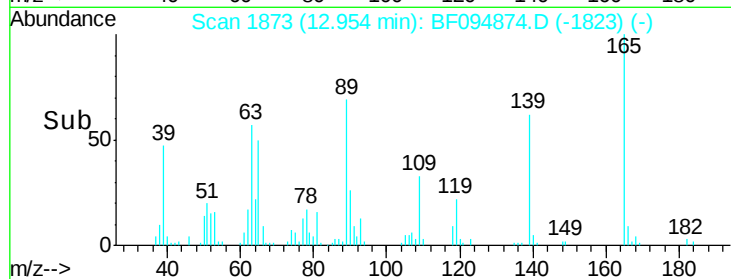
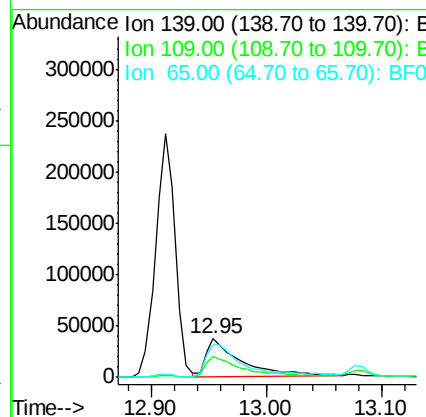
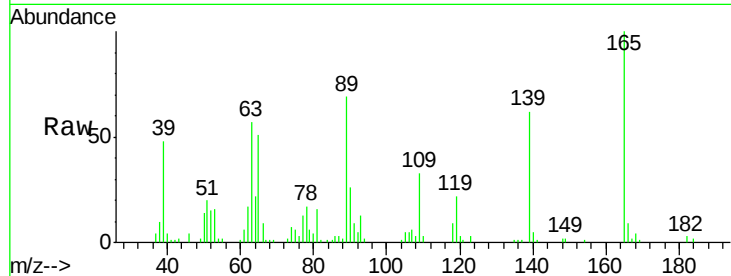




#55
4-Nitrophenol
Concen: 35.76 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

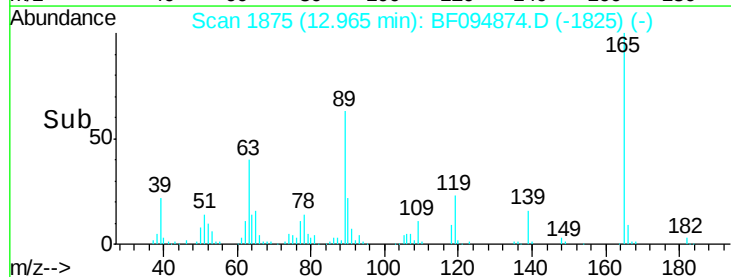
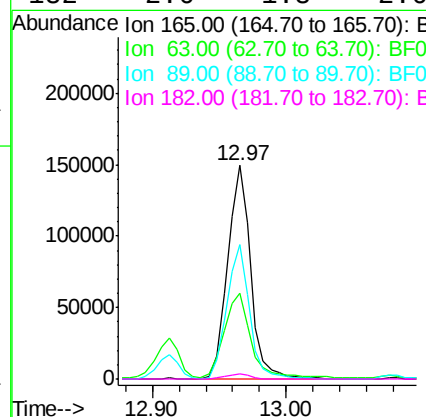
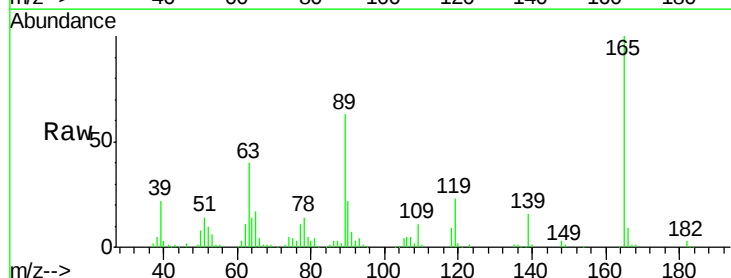
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

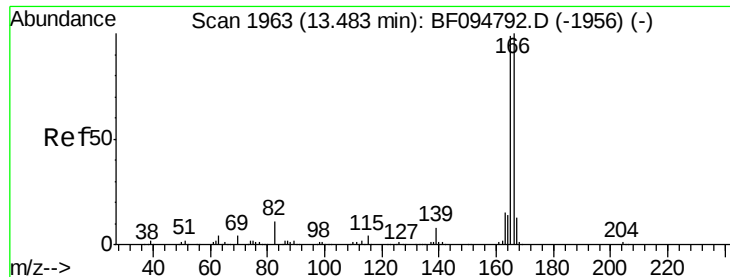
Tgt Ion:139 Resp: 75843
Ion Ratio Lower Upper
139 100
109 52.5 34.1 74.1
65 82.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 43.15 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion:165 Resp: 182420
Ion Ratio Lower Upper
165 100
63 40.4 25.4 38.0#
89 62.7 46.4 69.6
182 2.6 1.8 2.6

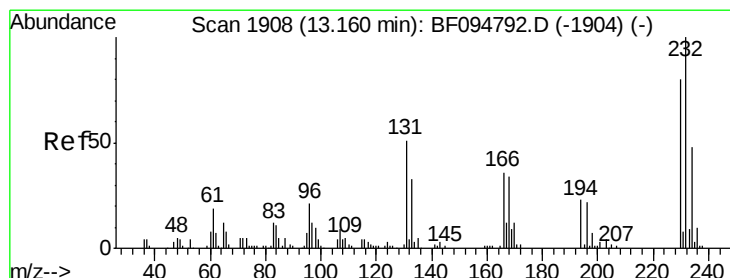
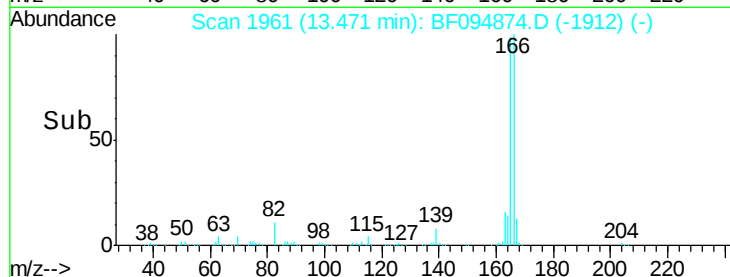
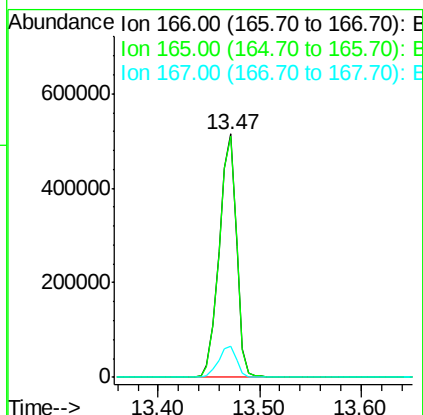
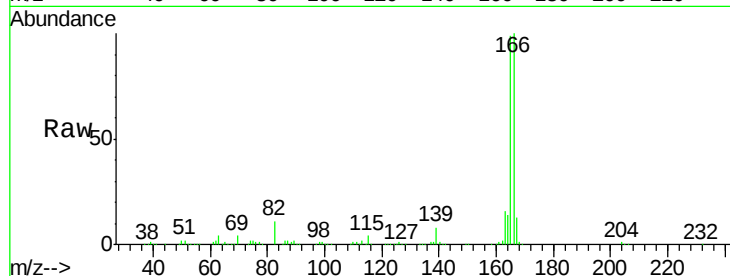




#57
 Fluorene
 Concen: 40.43 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

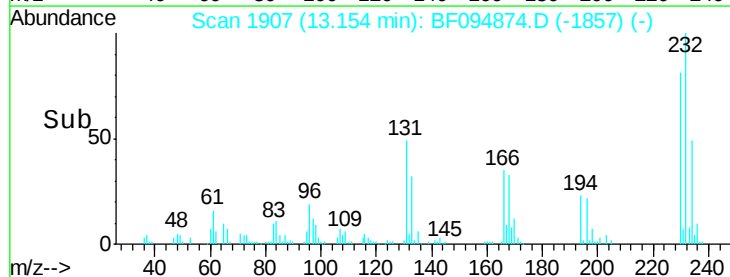
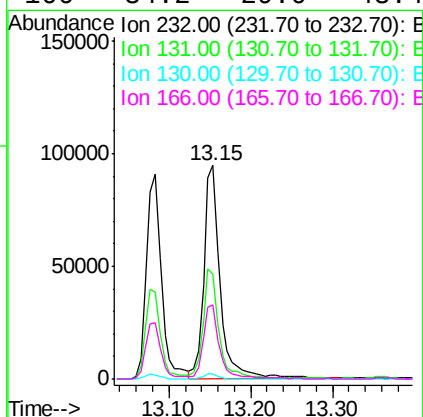
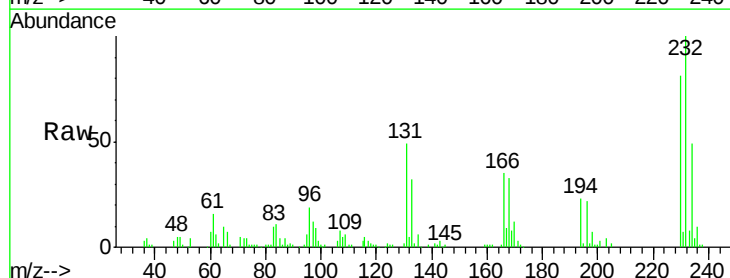
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

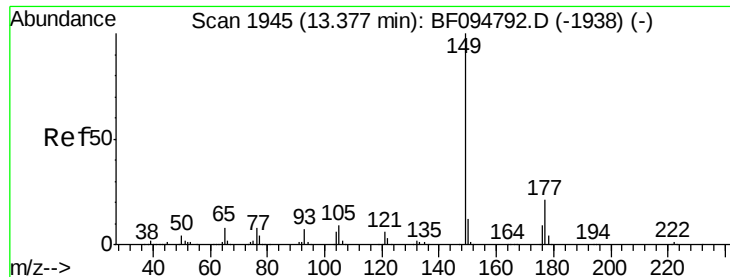
Tgt Ion:166 Resp: 607934
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 12.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.75 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:232 Resp: 130283
 Ion Ratio Lower Upper
 232 100
 131 50.4 44.8 67.2
 130 2.2 2.3 3.5#
 166 34.2 29.0 43.4

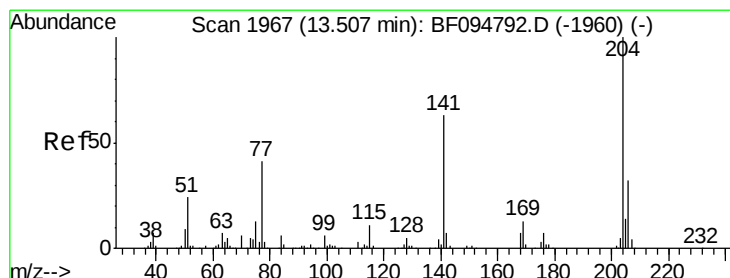
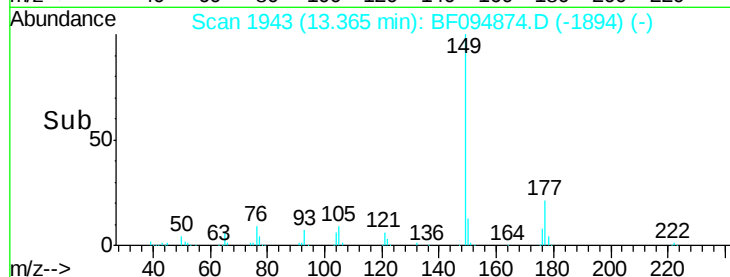
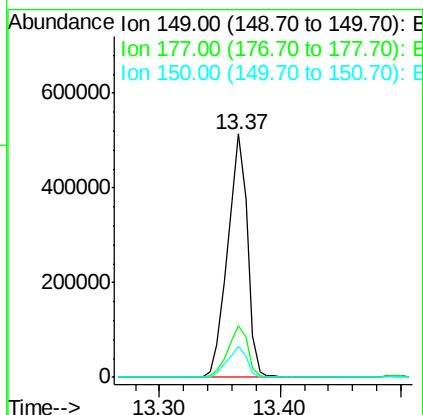
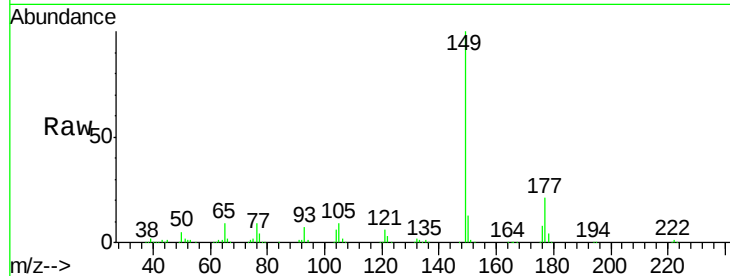




#59
Diethylphthalate
Concen: 37.86 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

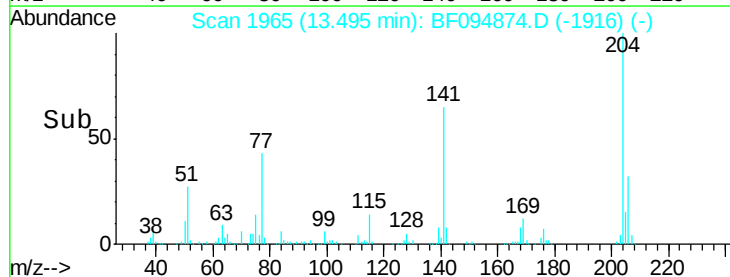
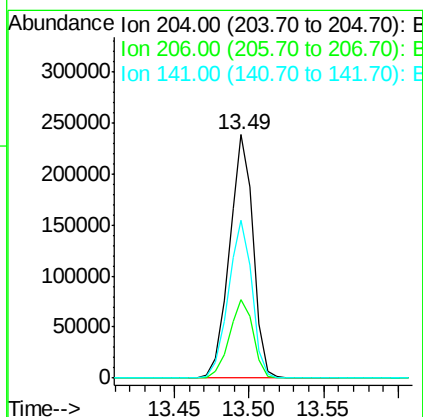
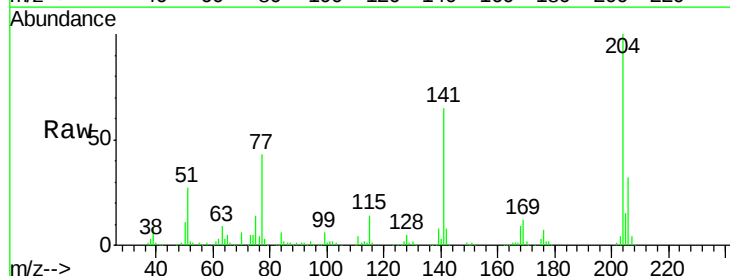
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

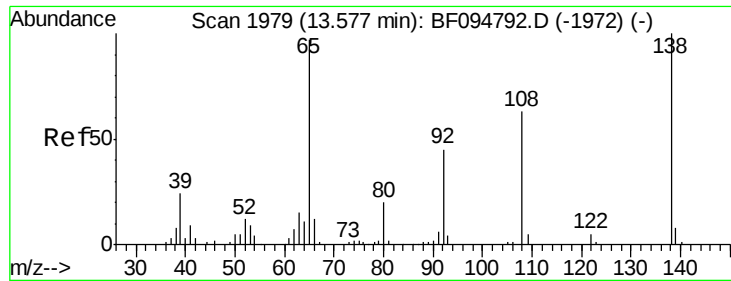
Tgt Ion:149 Resp: 585281
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.35 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion:204 Resp: 266616
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 64.7 60.8 91.2

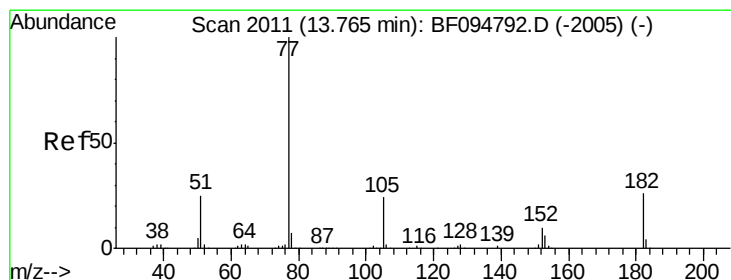
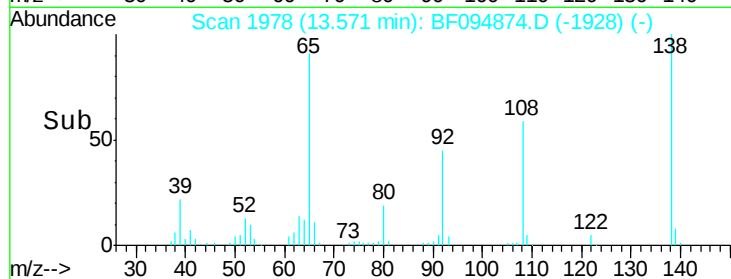
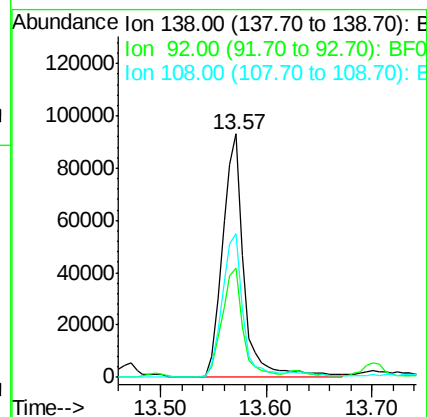
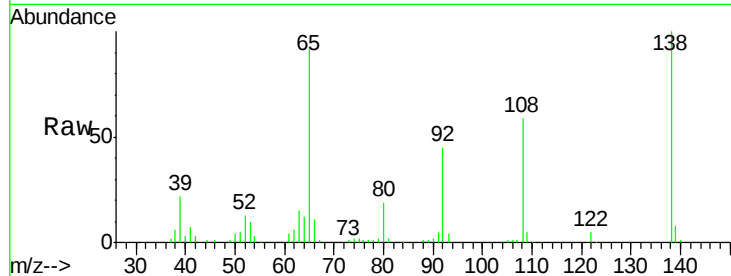




#61
4-Nitroaniline
Concen: 41.02 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

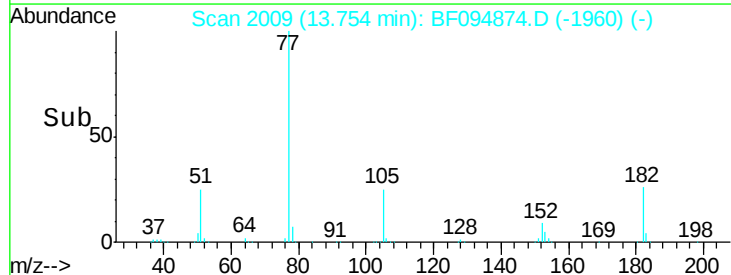
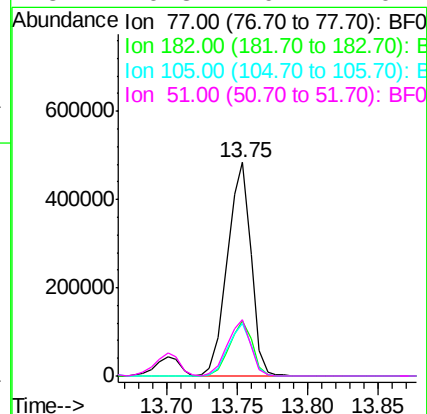
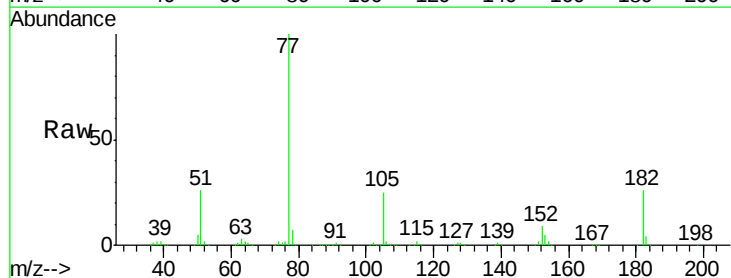
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

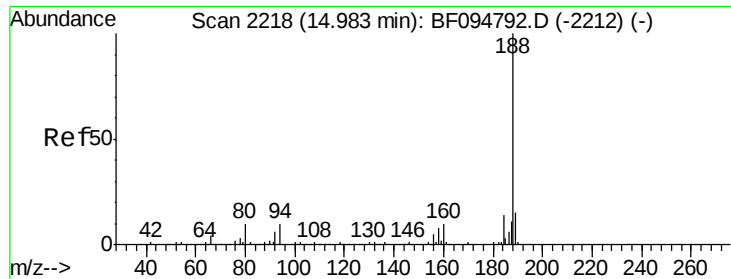
Tgt Ion: 138 Resp: 133005
Ion Ratio Lower Upper
138 100
92 44.8 21.8 61.8
108 59.3 42.3 82.3



#62
Azobenzene
Concen: 45.03 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion: 77 Resp: 559392
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 24.6 3.6 43.6
51 26.3 9.4 49.4

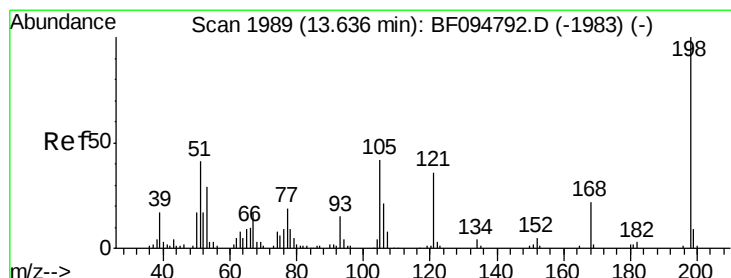
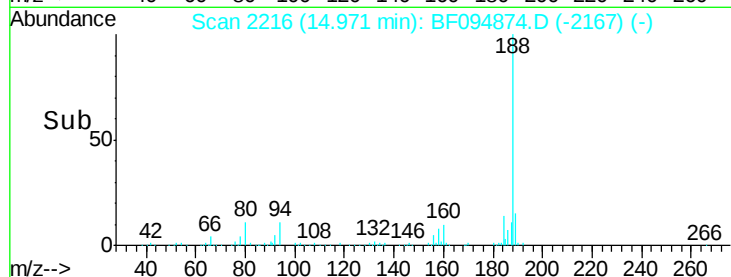
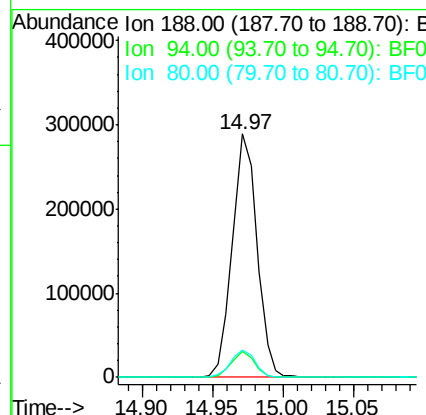
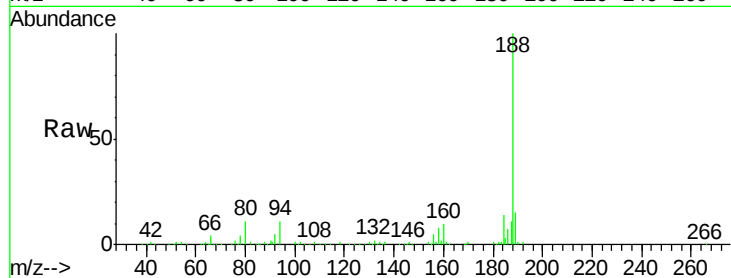




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

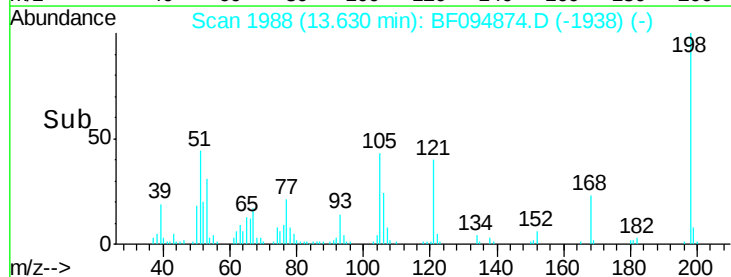
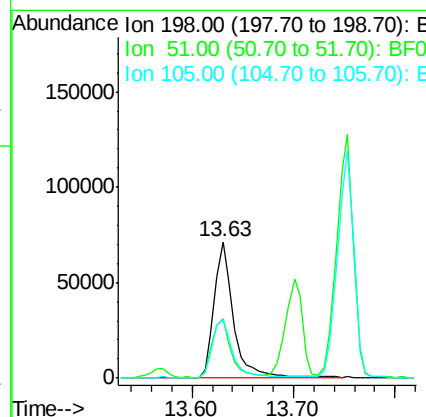
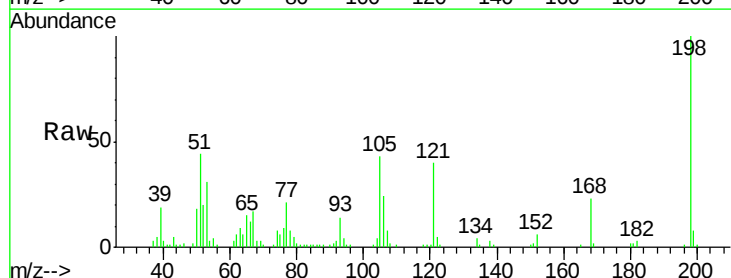
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

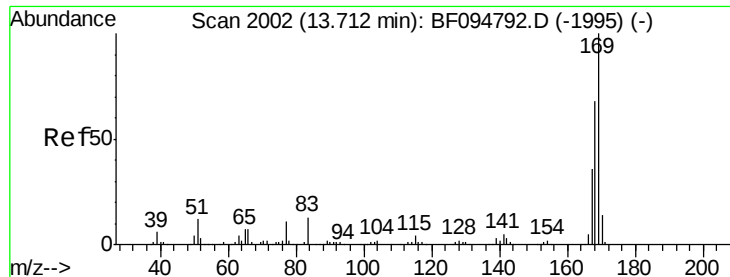
Tgt Ion:188 Resp: 354393
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 40.46 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion:198 Resp: 96111
Ion Ratio Lower Upper
198 100
51 43.8 53.2 93.2#
105 42.6 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 39.22 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

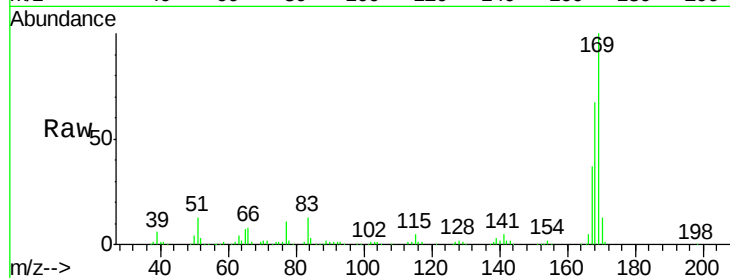
Tgt Ion:169 Resp: 504412

Ion Ratio Lower Upper

169 100

168 66.9 53.2 79.8

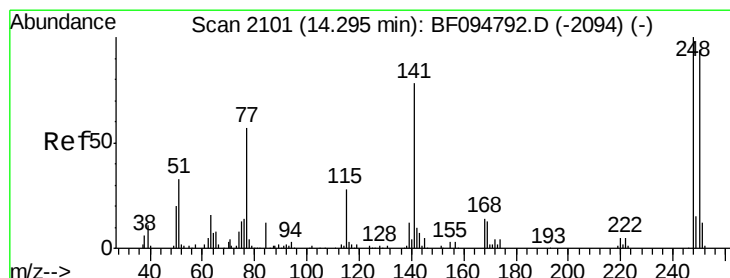
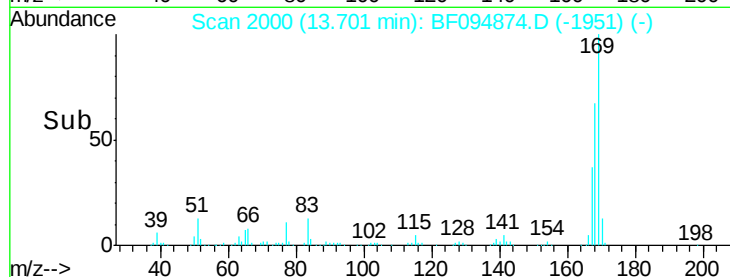
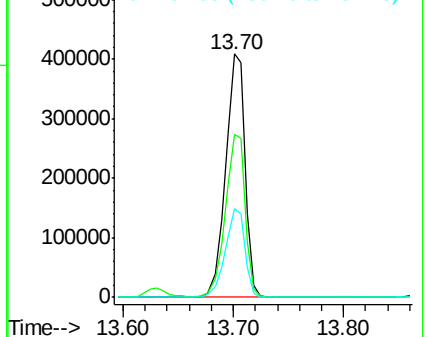
167 36.7 29.5 44.3



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: 39.42 ng

RT: 14.28 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

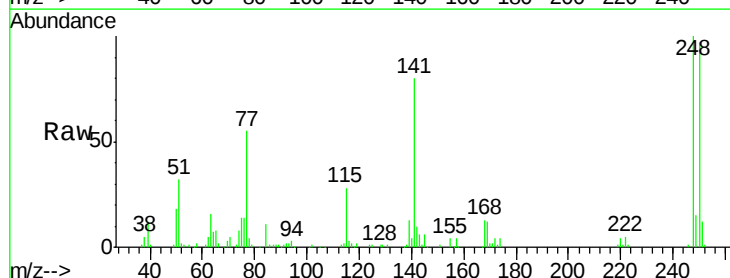
Tgt Ion:248 Resp: 147596

Ion Ratio Lower Upper

248 100

250 97.2 76.8 115.2

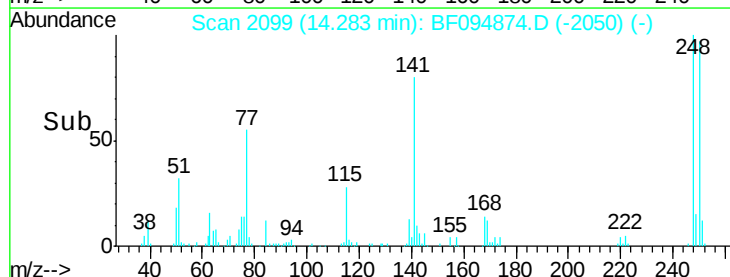
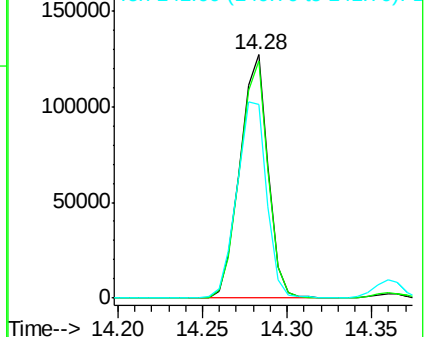
141 79.8 68.6 103.0

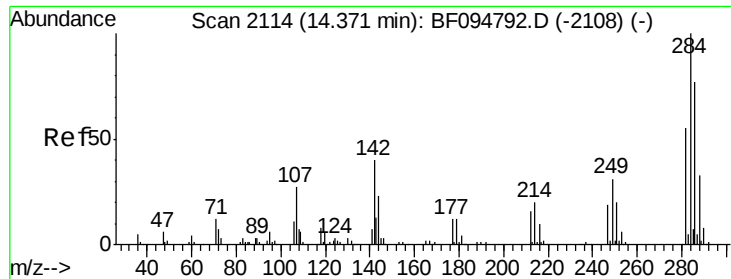


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

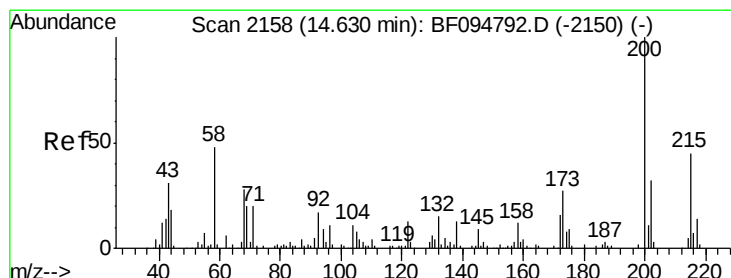
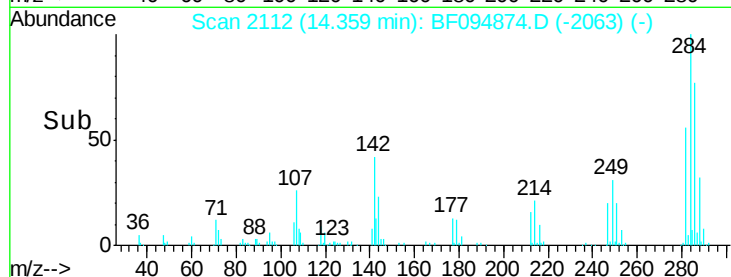
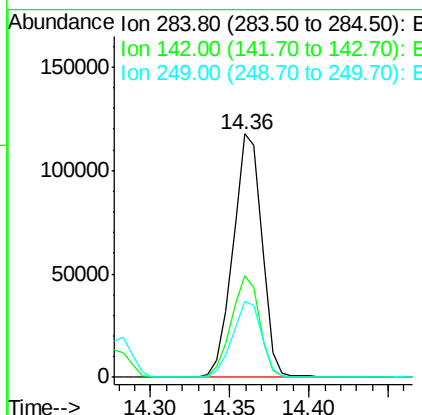
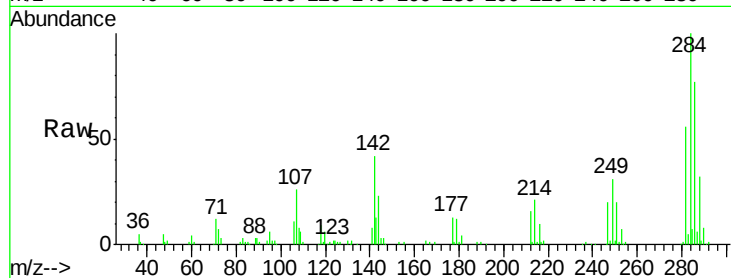




#67
Hexachlorobenzene
Concen: 38.59 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

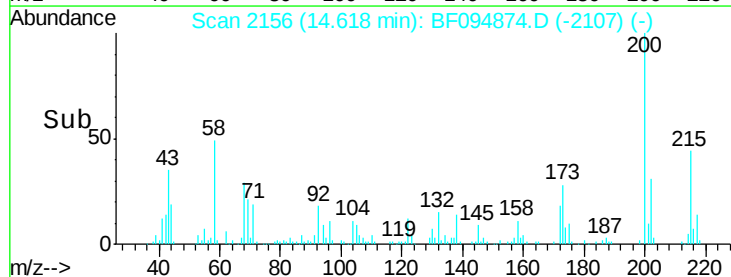
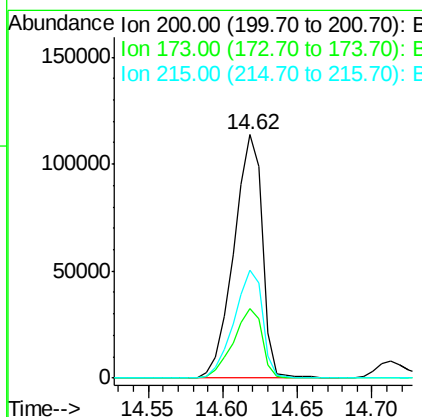
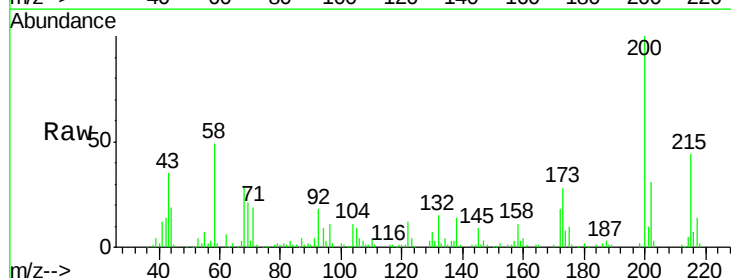
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

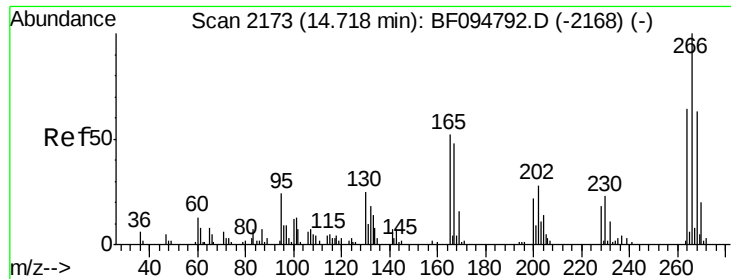
Tgt Ion:284 Resp: 148059
Ion Ratio Lower Upper
284 100
142 41.6 22.8 34.2#
249 31.4 24.0 36.0



#68
Atrazine
Concen: 41.69 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094874.D
Acq: 4 May 2017 15:12

Tgt Ion:200 Resp: 151418
Ion Ratio Lower Upper
200 100
173 28.4 6.3 46.3
215 44.3 27.2 67.2

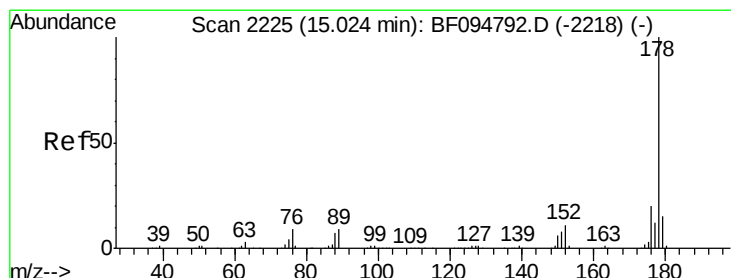
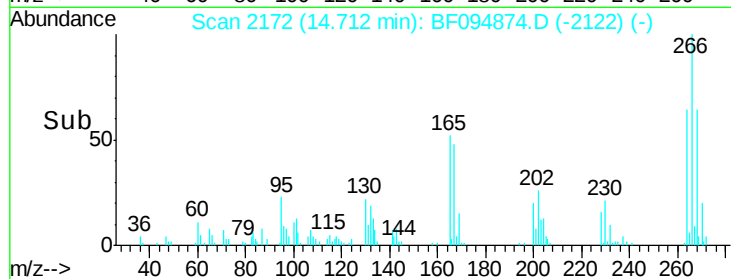
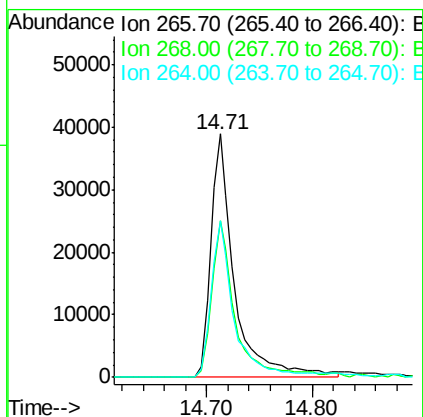
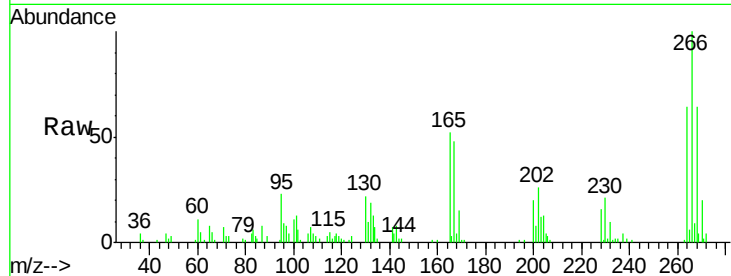




#69
 Pentachlorophenol
 Concen: 38.45 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

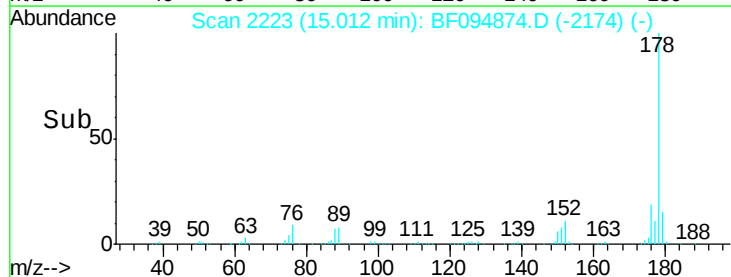
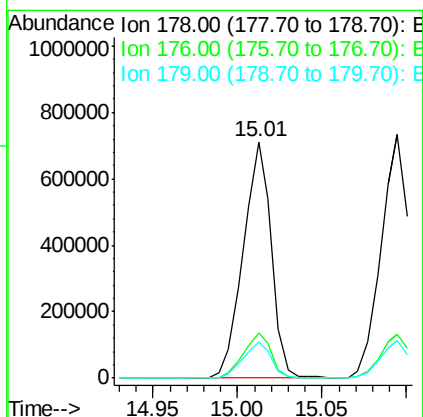
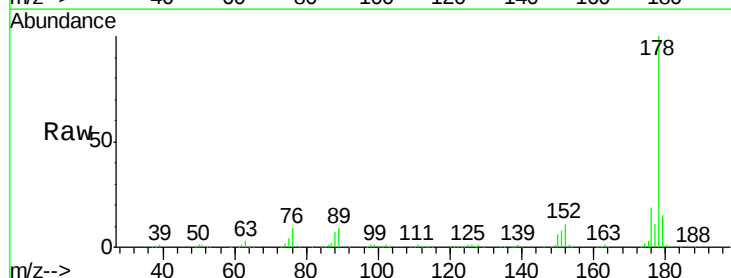
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

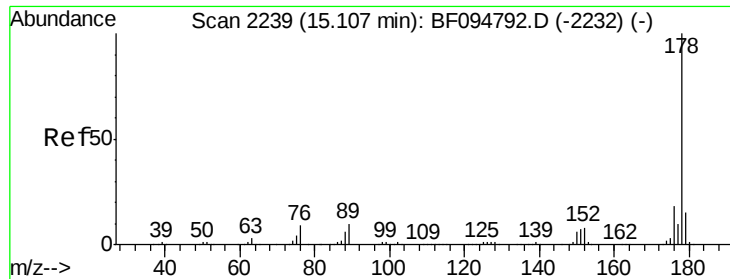
Tgt Ion:266 Resp: 61013
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 64.3 51.7 77.5



#70
 Phenanthrene
 Concen: 40.37 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:178 Resp: 822063
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.5 12.6 19.0

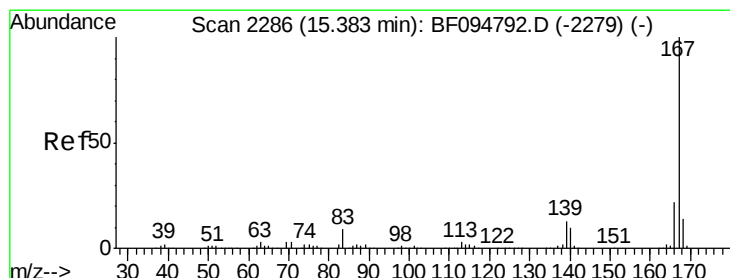
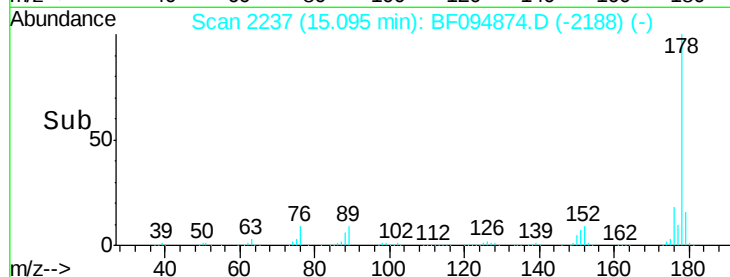
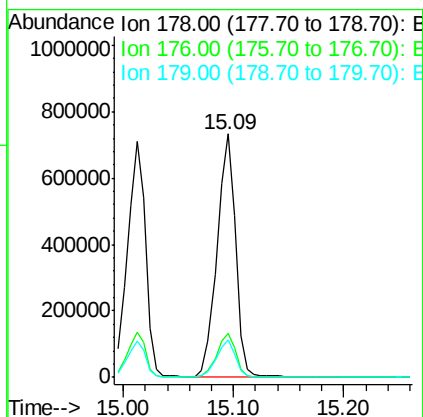
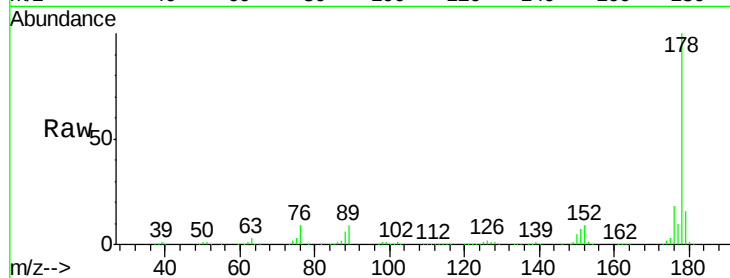




#71
 Anthracene
 Concen: 41.20 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

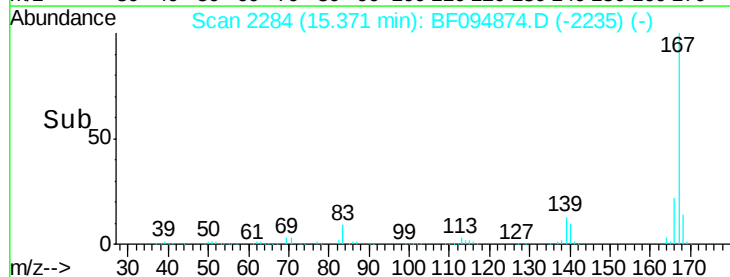
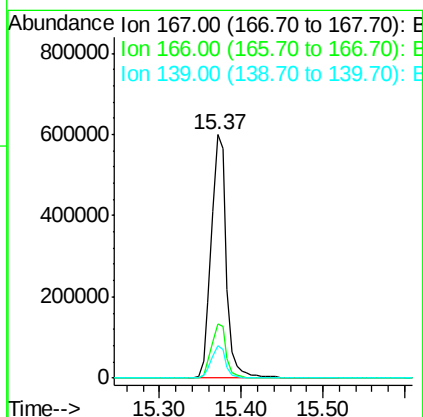
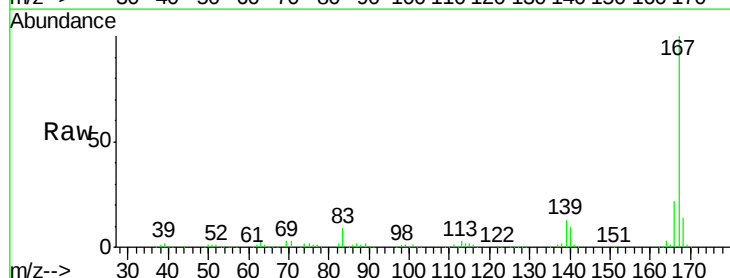
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

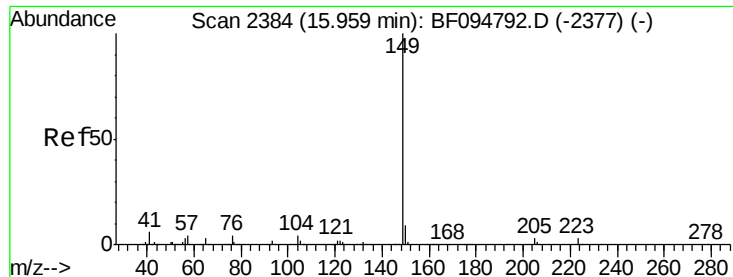
Tgt Ion:178 Resp: 856954
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 40.99 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:167 Resp: 775736
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.3 11.7 17.5

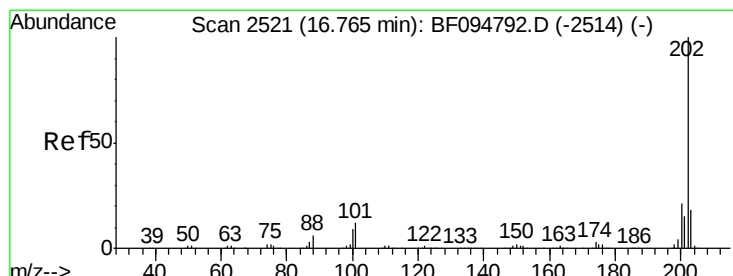
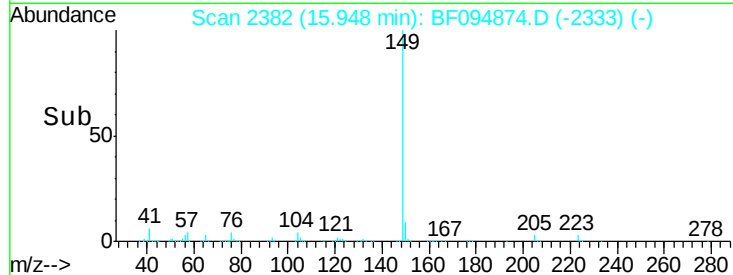
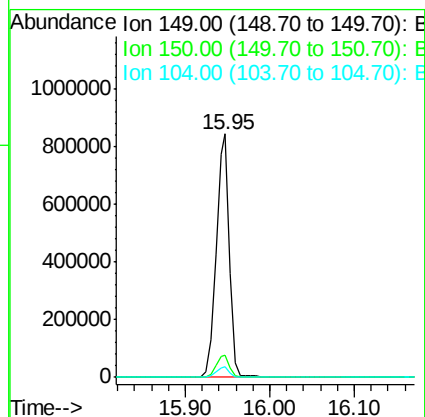
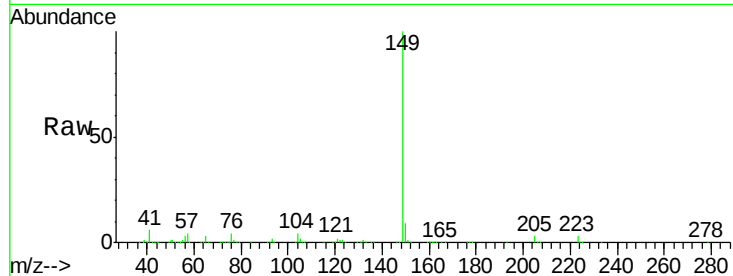




#73
 Di-n-butylphthalate
 Concen: 39.73 ng
 RT: 15.95 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

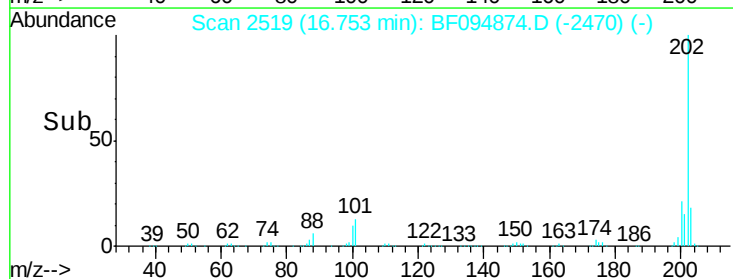
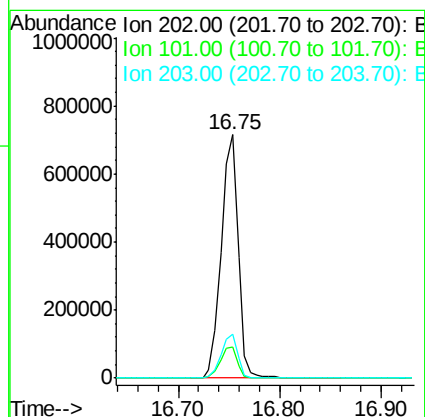
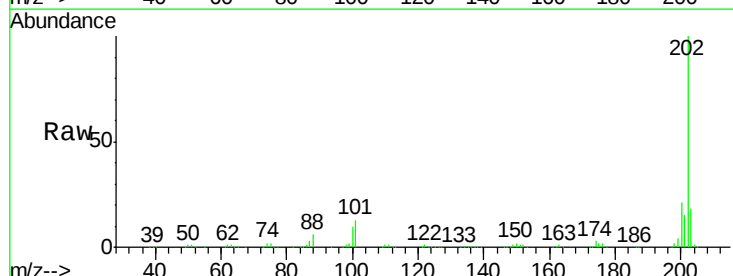
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

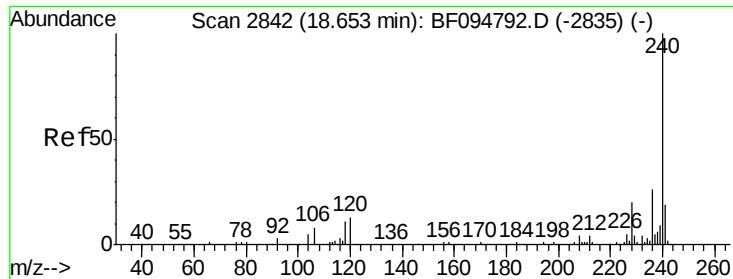
Tgt Ion:149 Resp: 937770
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.2 4.0 6.0



#74
 Fluoranthene
 Concen: 39.86 ng
 RT: 16.75 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:202 Resp: 832527
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 33.2
 203 17.9 0.0 38.1

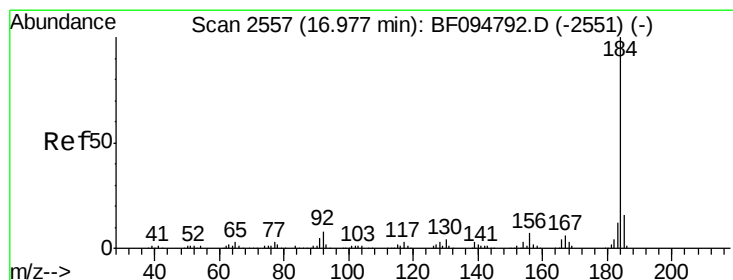
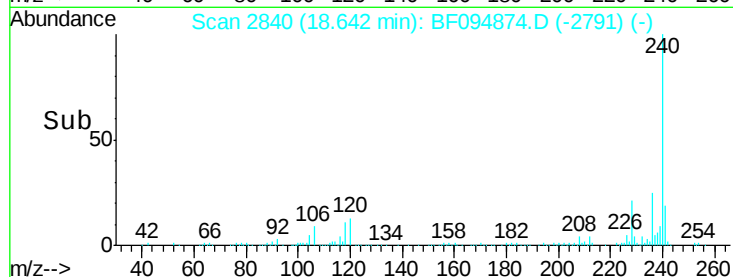
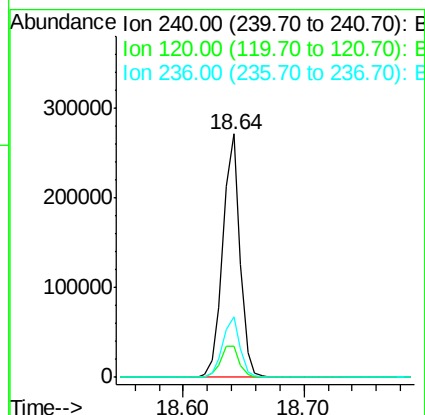
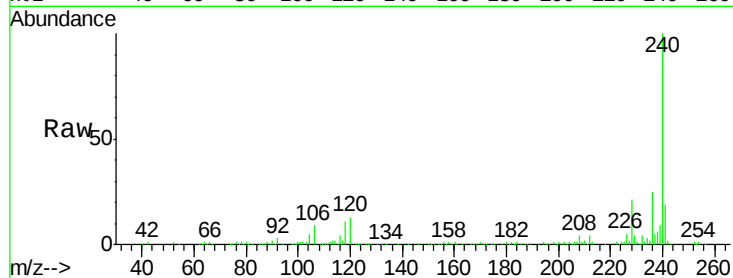




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

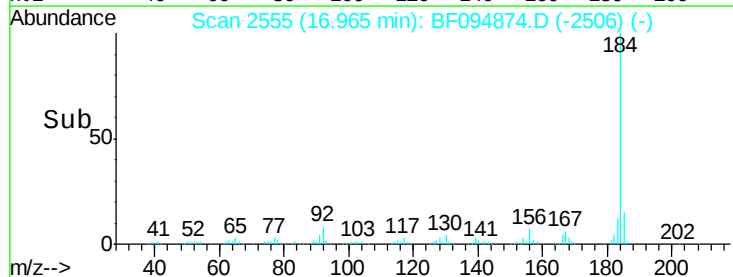
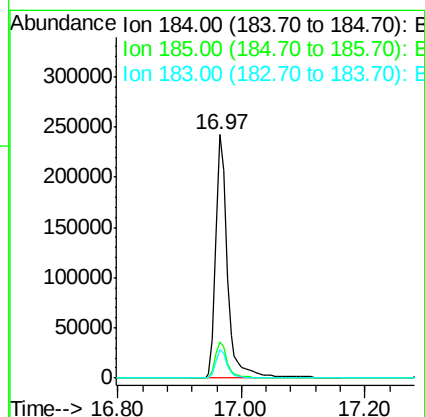
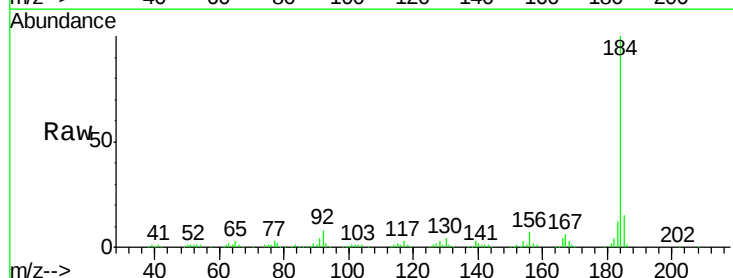
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

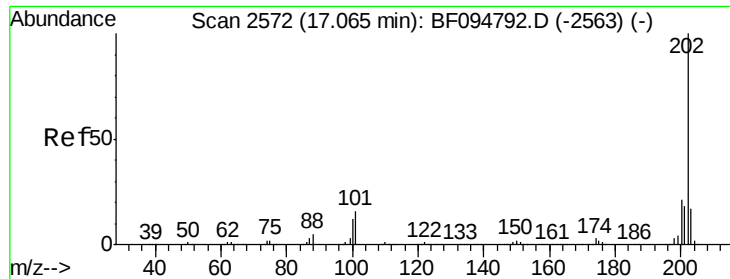
Tgt Ion:240 Resp: 264962
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 25.0 20.5 30.7



#76
 Benzidine
 Concen: 44.62 ng
 RT: 16.97 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion:184 Resp: 315910
 Ion Ratio Lower Upper
 184 100
 185 15.0 15.5 23.3#
 183 11.6 9.8 14.6

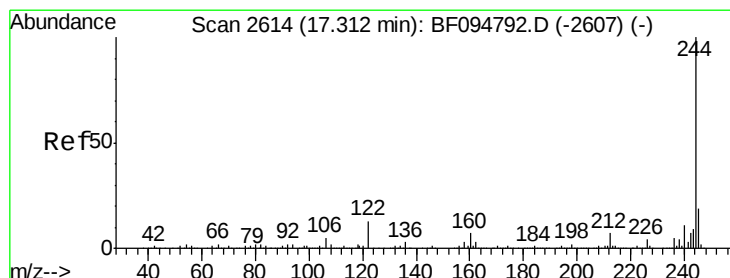
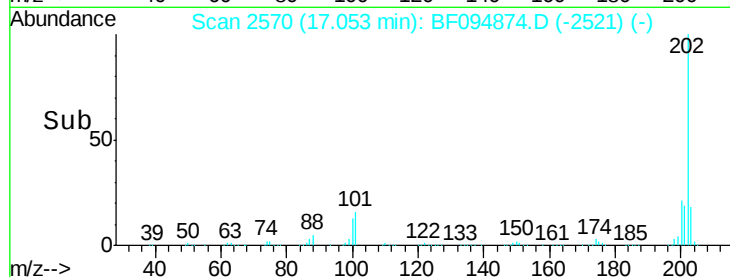
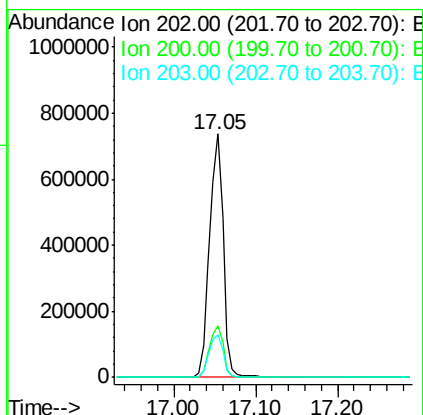
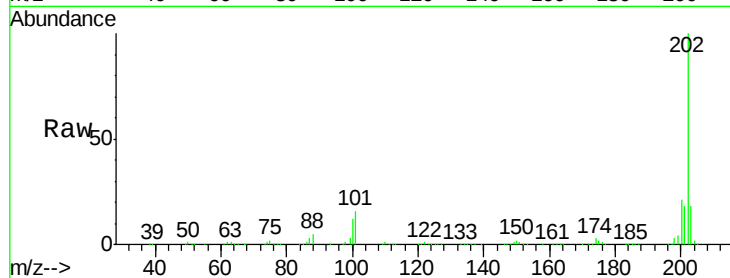




#77
 Pyrene
 Concen: 43.53 ng
 RT: 17.05 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

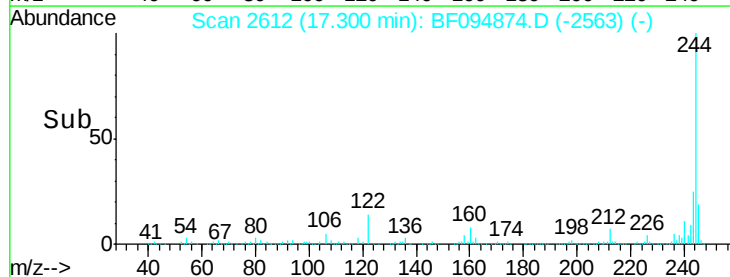
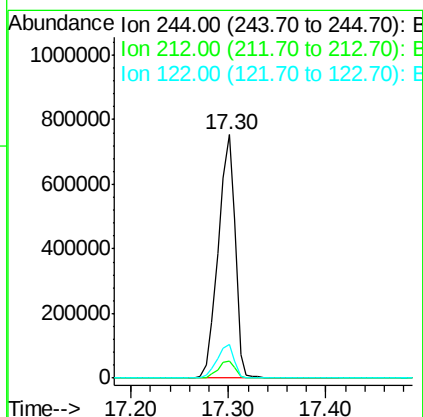
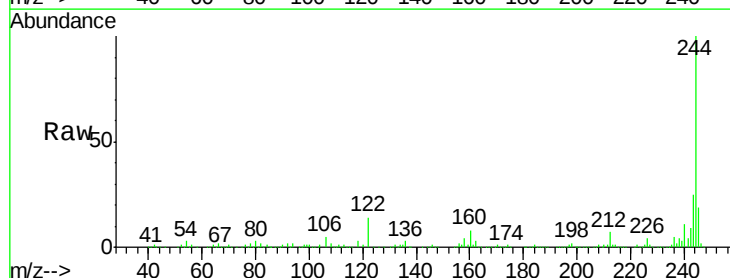
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

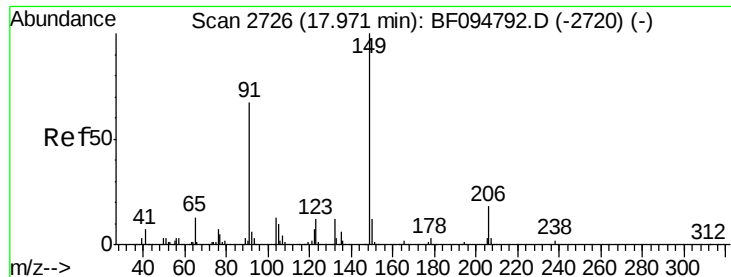
Tgt Ion: 202 Resp: 862666
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.6 26.4
 203 17.8 14.4 21.6



#78
 Terphenyl-d14
 Concen: 75.45 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion: 244 Resp: 907646
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.7 10.3 15.5





#79

Butylbenzylphthalate

Concen: 43.24 ng

RT: 17.96 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

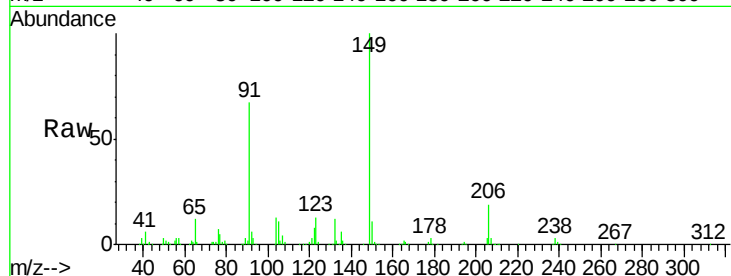
Tgt Ion:149 Resp: 398545

Ion Ratio Lower Upper

149 100

91 67.0 45.0 67.4

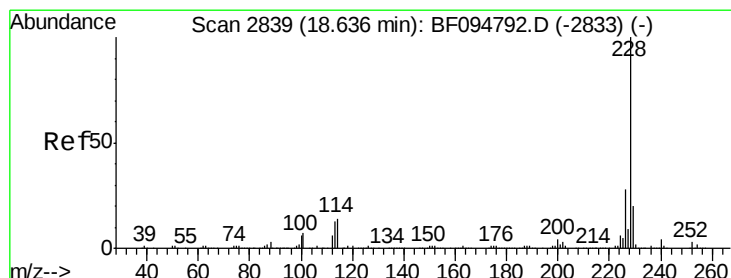
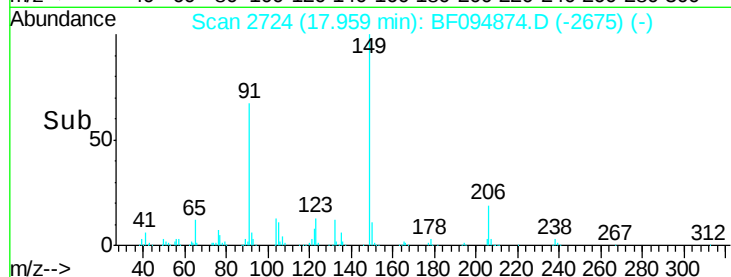
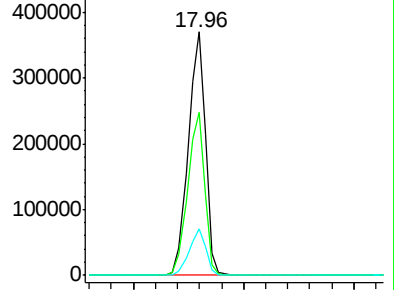
206 19.3 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.62 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

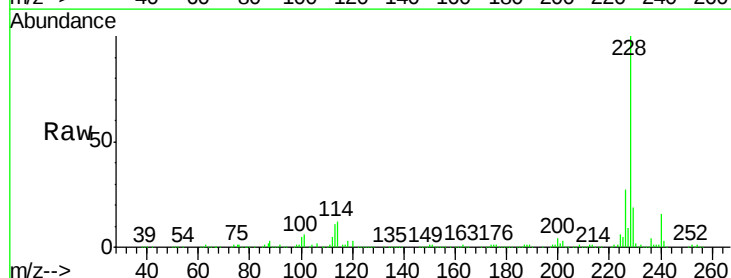
Tgt Ion:228 Resp: 626446

Ion Ratio Lower Upper

228 100

226 26.6 22.6 33.8

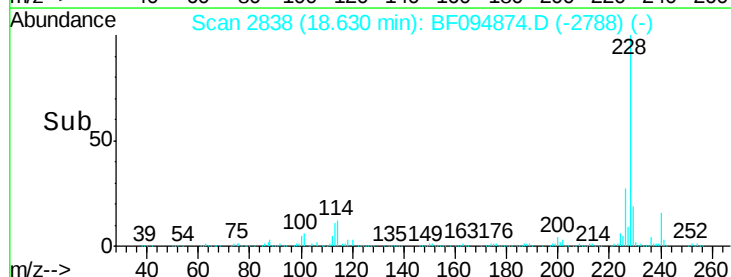
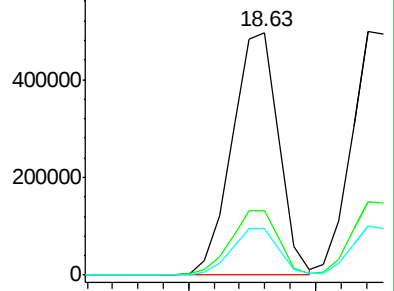
229 19.3 16.3 24.5

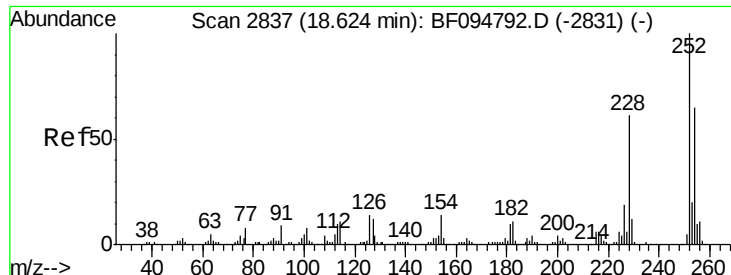


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

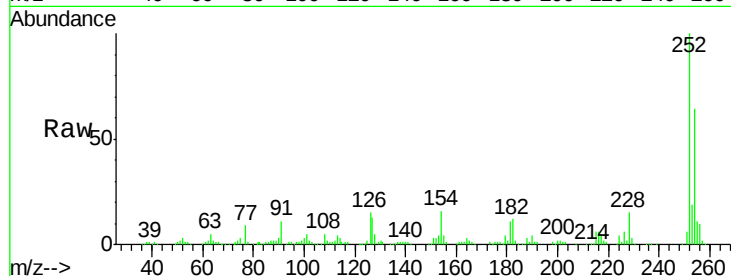




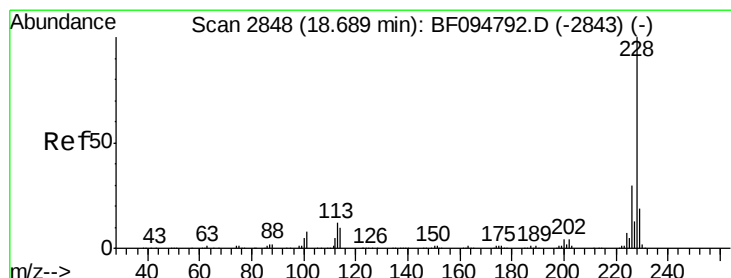
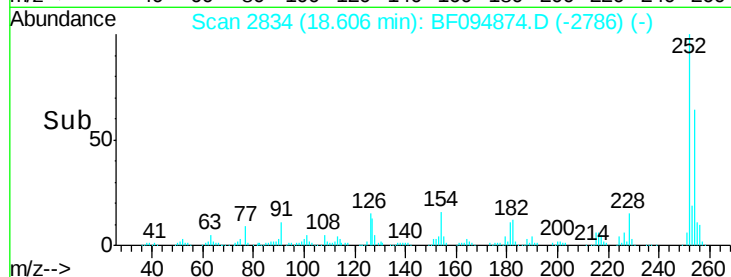
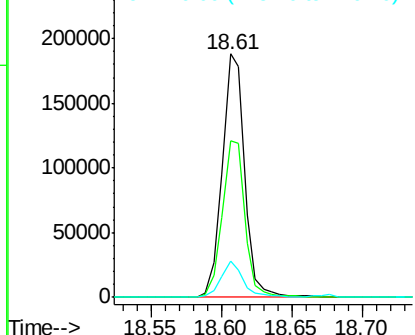
#81
 3,3'-Dichlorobenzidine
 Concen: 39.19 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	15.1	15.8	23.8

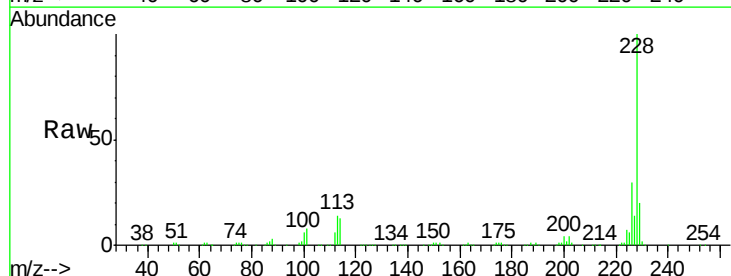


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

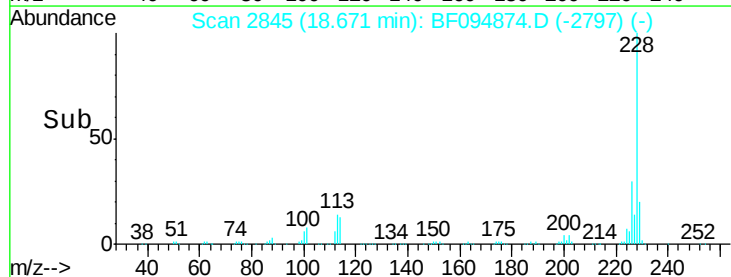
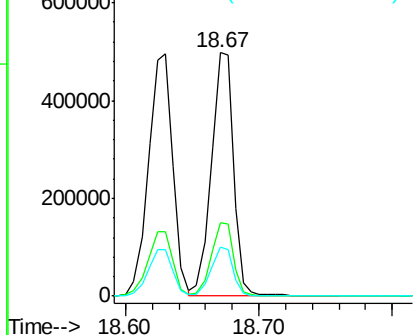


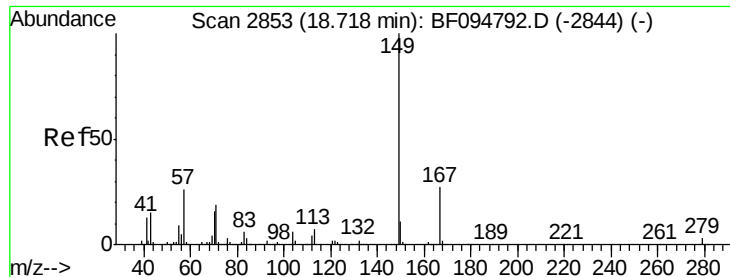
#82
 Chrysene
 Concen: 39.20 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.2	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: 39.62 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

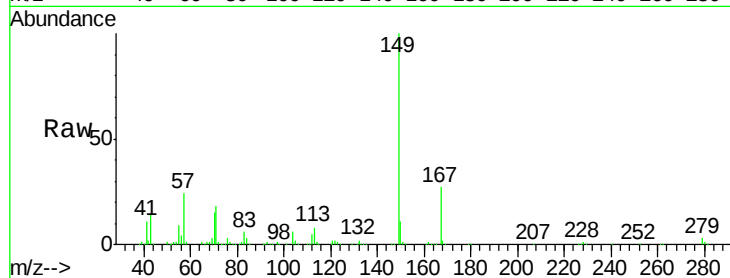
Tgt Ion:149 Resp: 520345

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

279 3.3 1.9 2.9#

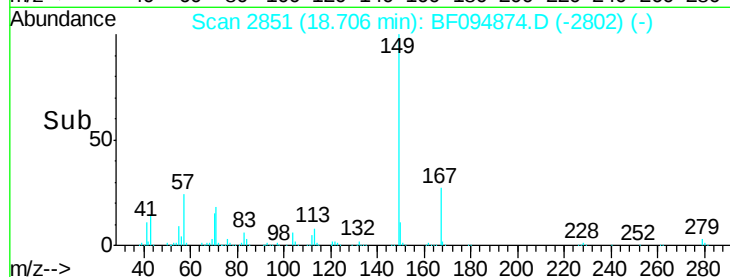


Abundance Ion 149.00 (148.70 to 149.70): E

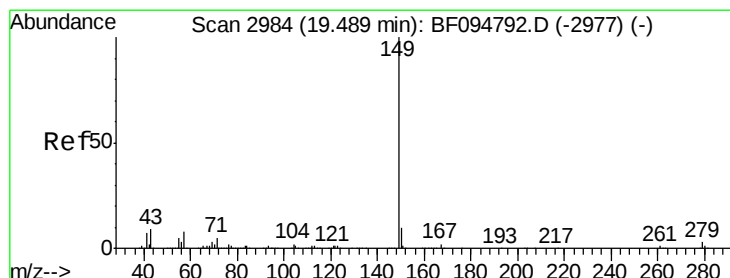
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

18.71



Time-->



#84

Di-n-octyl phthalate

Concen: 41.73 ng

RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

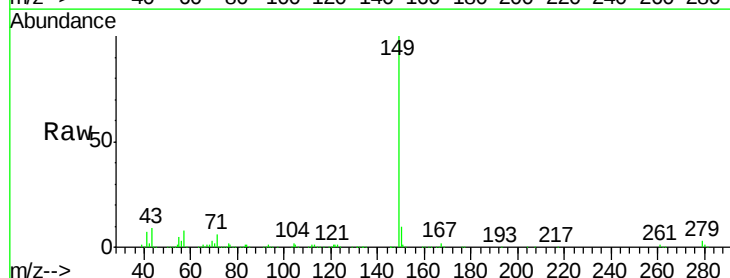
Tgt Ion:149 Resp: 898558

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.0 8.5 12.7

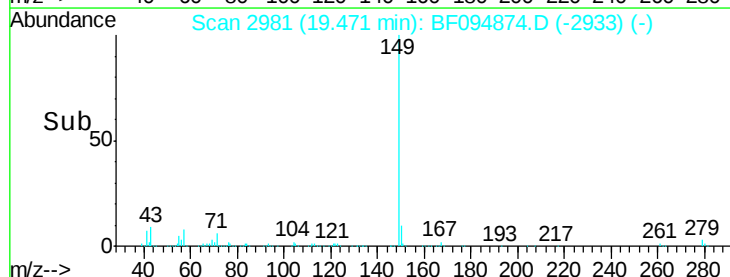


Abundance Ion 149.00 (148.70 to 149.70): E

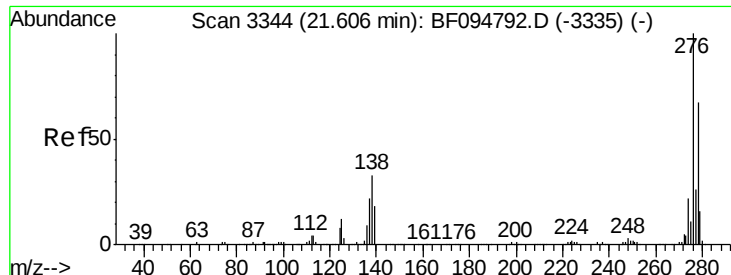
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

19.47



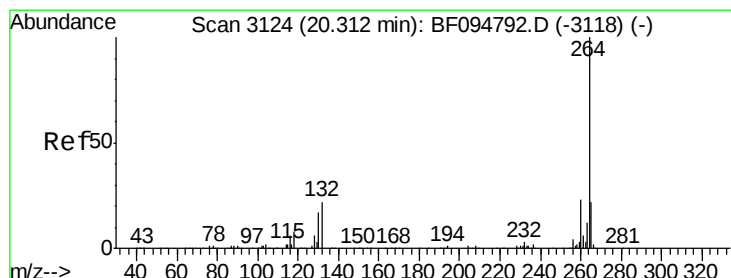
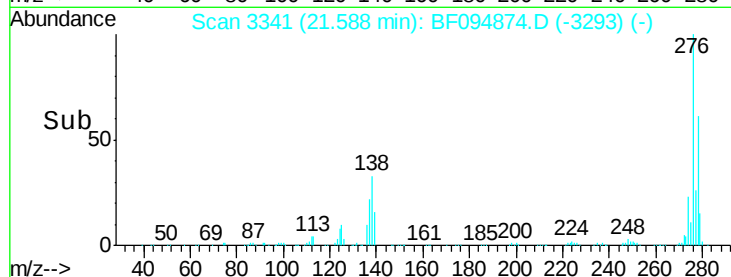
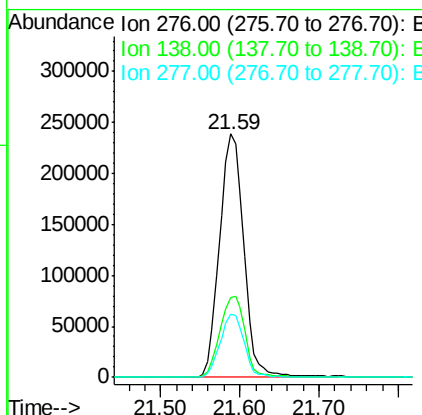
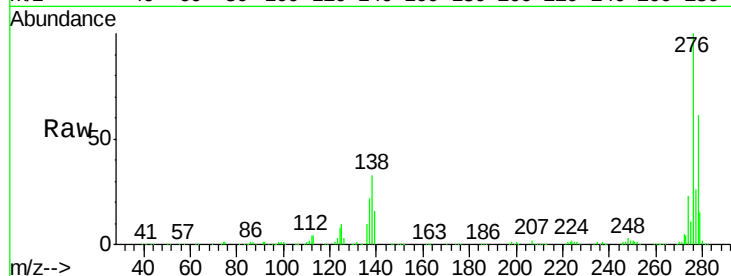
Time-->



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.02 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

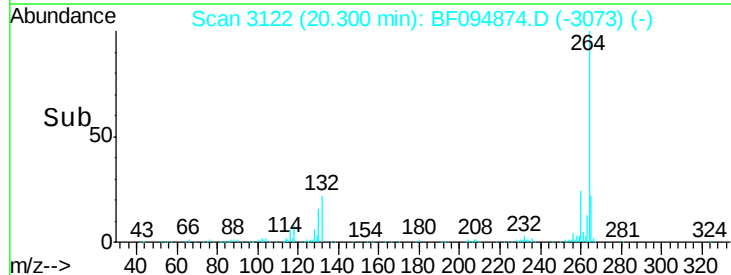
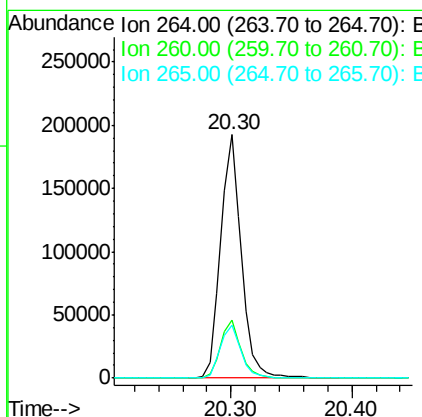
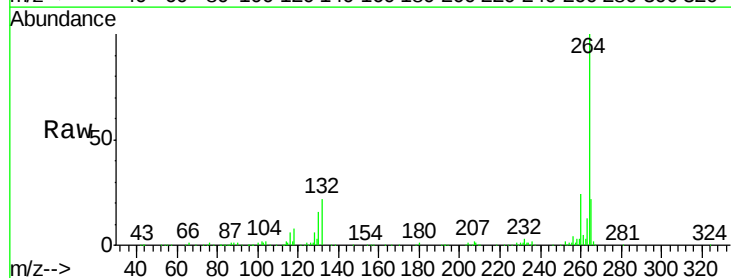
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

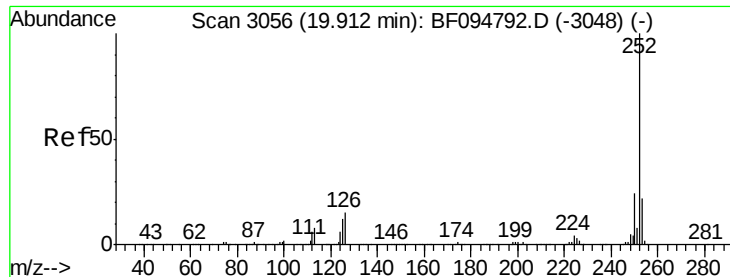
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094874.D
 Acq: 4 May 2017 15:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.96 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

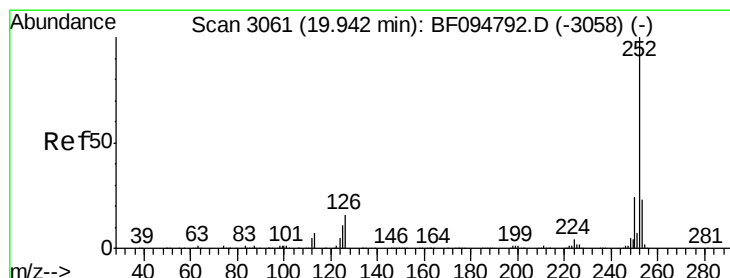
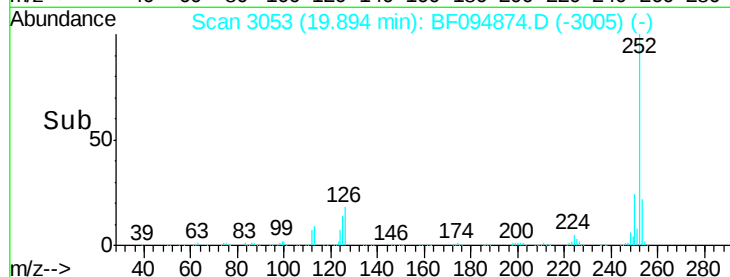
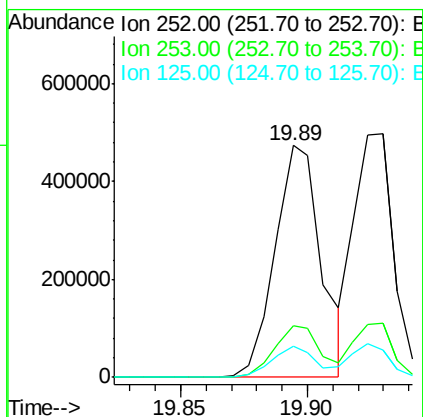
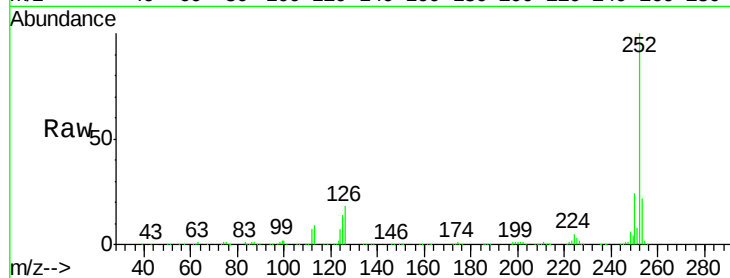
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	605271
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.7	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 44.54 ng

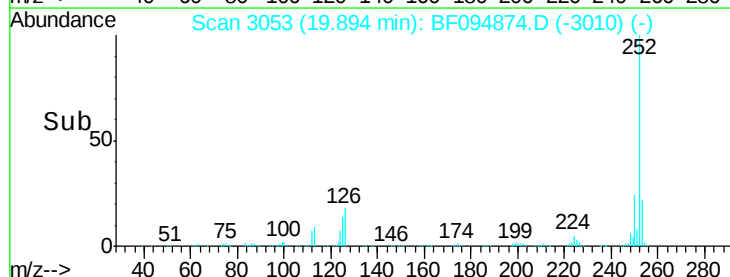
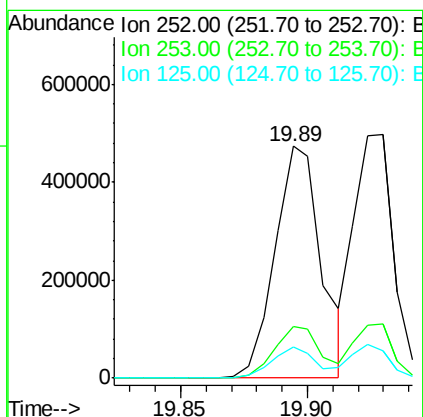
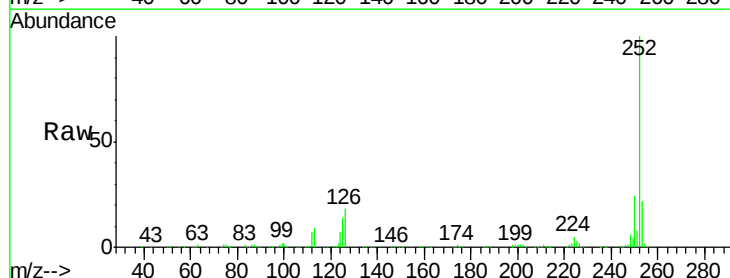
RT: 19.89 min Scan# 3053

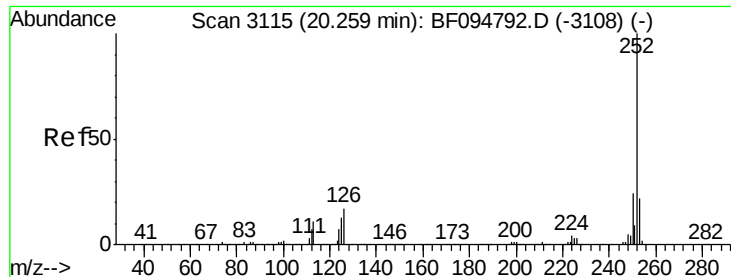
Delta R.T. -0.05 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Tgt Ion:	252	Resp:	605271
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	13.7	13.1	19.7





#89

Benzo(a)pyrene

Concen: 42.20 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

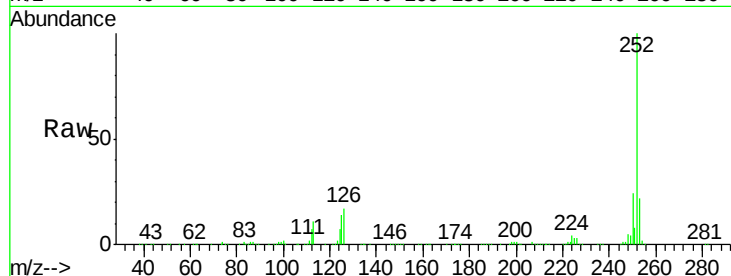
Tgt Ion:252 Resp: 548591

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

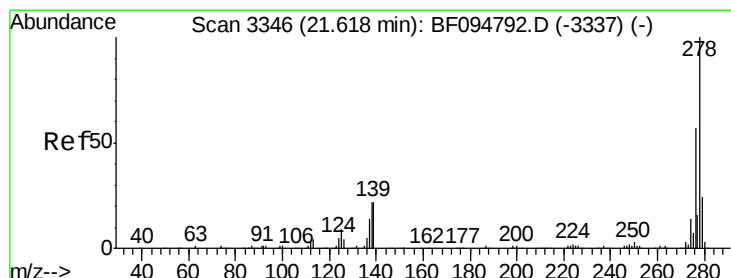
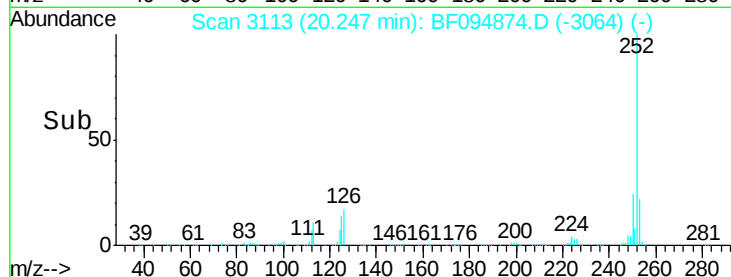
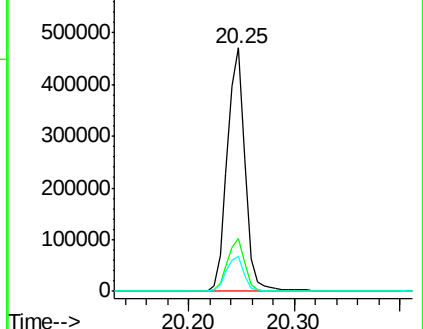
125 14.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.12 ng

RT: 21.60 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

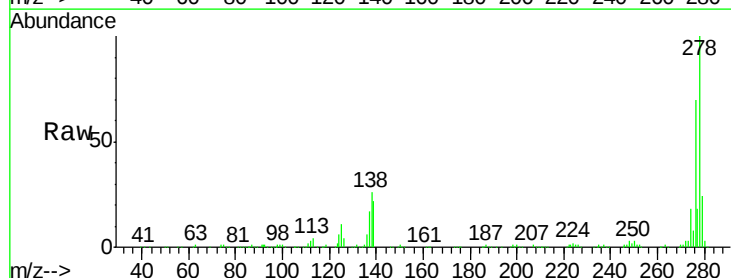
Tgt Ion:278 Resp: 430710

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

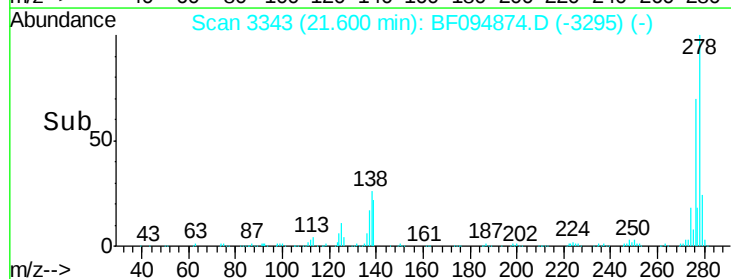
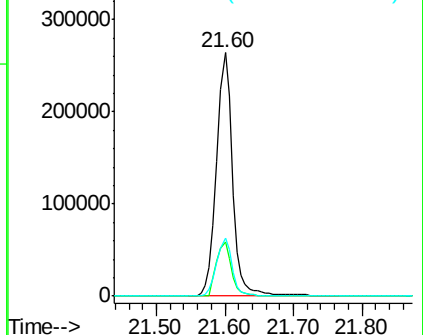
279 23.7 19.3 28.9

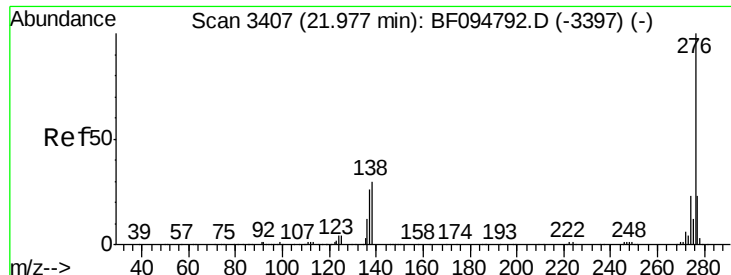


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.00 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF094874.D

Acq: 4 May 2017 15:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

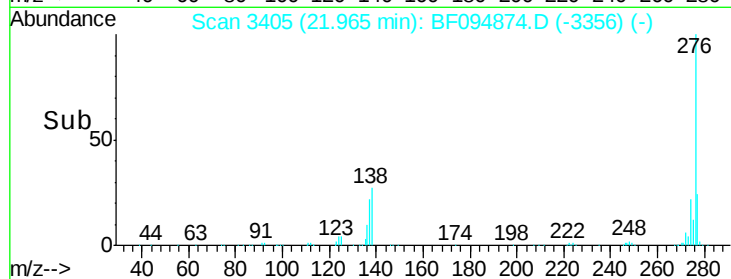
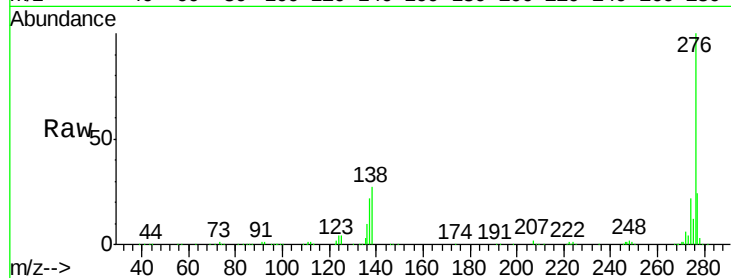
Tgt Ion: 276 Resp: 410834

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 27.1 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

