

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097935.D
 Acq On : 22 Aug 2017 5:42
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 22 07:47:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	100984	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	374101	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	135505	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	229663	20.00	ng	0.00
75) Chrysene-d12	13.90	240	190500	20.00	ng	0.00
86) Perylene-d12	15.32	264	135825	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	568057	85.56	ng	0.00
7) Phenol-d6	6.39	99	748971	83.03	ng	0.00
23) Nitrobenzene-d5	7.32	82	639758	92.90	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	87923	74.78	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	819252	88.83	ng	0.00
78) Terphenyl-d14	12.85	244	687284	75.23	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	162984	44.02	ng	89
3) Pyridine	3.12	79	455165	44.47	ng	89
4) n-Nitrosodimethylamine	3.08	42	167285	42.48	ng	82
6) Aniline	6.42	93	507921	40.08	ng	97
8) 2-Chlorophenol	6.54	128	292124	41.72	ng	98
9) Benzaldehyde	6.30	77	244299	42.76	ng	87
10) Phenol	6.40	94	444245	42.11	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	325401	40.87	ng	95
12) 1,3-Dichlorobenzene	6.69	146	309532	41.10	ng	# 92
13) 1,4-Dichlorobenzene	6.77	146	311916	40.72	ng	# 92
14) 1,2-Dichlorobenzene	6.92	146	285559	40.43	ng	99
15) Benzyl Alcohol	6.89	79	259761	38.46	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.03	45	411532	38.41	ng	91
17) 2-Methylphenol	7.01	107	246538	39.96	ng	96
18) Hexachloroethane	7.26	117	82526	27.48	ng	# 80
19) n-Nitroso-di-n-propylamine	7.17	70	229201	37.12	ng	90
20) 3+4-Methylphenols	7.16	107	288891	38.33	ng	# 89
22) Acetophenone	7.16	105	395803	40.05	ng	# 92
24) Nitrobenzene	7.33	77	352194	45.93	ng	90
25) Isophorone	7.57	82	577697	40.34	ng	95
26) 2-Nitrophenol	7.65	139	96344	36.14	ng	# 79
27) 2,4-Dimethylphenol	7.69	122	242412	40.59	ng	94
28) bis(2-Chloroethoxy)methane	7.79	93	382272	40.61	ng	98
29) 2,4-Dichlorophenol	7.89	162	197753	39.89	ng	92
30) 1,2,4-Trichlorobenzene	7.98	180	219637	39.97	ng	99
31) Naphthalene	8.06	128	763194	39.30	ng	100
32) Benzoic acid	7.80	122	135317	33.35	ng	88
33) 4-Chloroaniline	8.10	127	322668	39.39	ng	98
34) Hexachlorobutadiene	8.17	225	129540	40.37	ng	97
35) Caprolactam	8.47	113	64738	38.41	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	237274	37.25	ng	# 78
37) 2-Methylnaphthalene	8.75	142	440161	36.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	189051	45.46	ng	98
40) Hexachlorocyclopentadiene	8.90	237	6912	3.46	ng	96

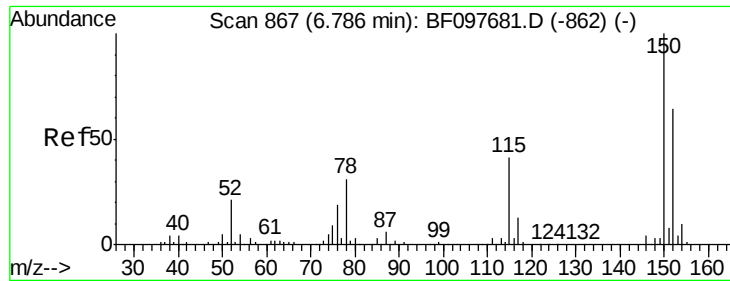
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	121215	43.42	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	117044	42.26	nq	93
45) 1,1'-Biphenyl	9.21	154	540901	43.77	nq	96
46) 2-Chloronaphthalene	9.23	162	384703	42.14	nq	# 91
47) 2-Nitroaniline	9.33	65	161578	52.79	nq	97
48) Acenaphthylene	9.65	152	580022	40.45	nq	98
49) Dimethylphthalate	9.51	163	431451	43.56	nq	99
50) 2,6-Dinitrotoluene	9.57	165	74494	37.68	nq	# 67
51) Acenaphthene	9.82	154	346290	38.30	nq	99
52) 3-Nitroaniline	9.74	138	124931	48.98	nq	85
53) 2,4-Dinitrophenol	9.85	184	1650	11.67	nq	# 81
54) Dibenzofuran	9.99	168	461754	38.10	nq	99
55) 4-Nitrophenol	9.90	139	71384	35.08	nq	# 38
56) 2,4-Dinitrotoluene	9.97	165	83053	33.47	nq	# 56
57) Fluorene	10.33	166	356841	38.08	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	79849	37.23	nq	96
59) Diethylphthalate	10.21	149	415847	40.15	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	170773	39.23	nq	90
61) 4-Nitroaniline	10.35	138	120130	49.55	nq	# 72
62) Azobenzene	10.49	77	448568	36.46	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	3480	10.98	nq	86
65) n-Nitrosodiphenylamine	10.45	169	330017	42.20	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	98130	41.15	nq	97
67) Hexachlorobenzene	10.88	284	98695	40.60	nq	# 85
68) Atrazine	10.97	200	60532	29.19	nq	97
69) Pentachlorophenol	11.07	266	52273	36.88	nq	97
70) Phenanthrene	11.29	178	496005	40.53	nq	99
71) Anthracene	11.35	178	503010	40.52	nq	99
72) Carbazole	11.50	167	478164	40.58	nq	98
73) Di-n-butylphthalate	11.83	149	572065	42.15	nq	99
74) Fluoranthene	12.48	202	559731	43.82	nq	98
76) Benzydine	12.60	184	274368	43.93	nq	94
77) Pyrene	12.70	202	584592	37.52	nq	98
79) Butylbenzylphthalate	13.33	149	253522	42.44	nq	# 68
80) Benzo(a)anthracene	13.89	228	432502	37.88	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	187708	48.72	nq	# 95
82) Chrysene	13.93	228	434280	38.24	nq	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	314754	47.55	nq	99
84) Di-n-octyl phthalate	14.50	149	587654	51.02	nq	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	294680	35.27	nq	94
87) Benzo(b)fluoranthene	14.92	252	334819	39.11	nq	99
88) Benzo(k)fluoranthene	14.94	252	346377	43.06	nq	# 92
89) Benzo(a)pyrene	15.26	252	312721	41.26	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	254854	41.30	nq	98
91) Benzo(g,h,i)perylene	17.12	276	253698	39.40	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF097935.D

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BNA_F

ClientSampleId :

SSTDCCC040

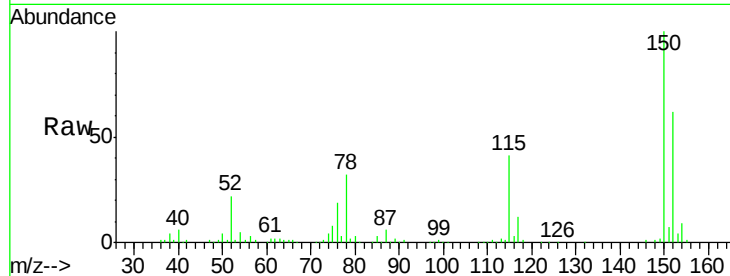
Tot Ion:152 Resp: 100984

Ion Ratio Lower Upper

152 100

150 162.0 126.2 189.2

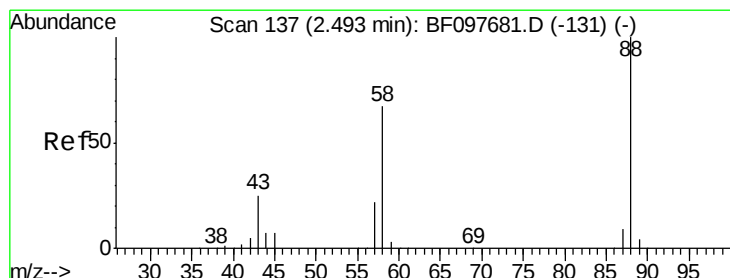
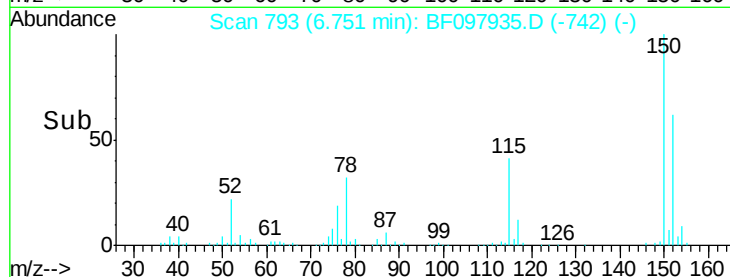
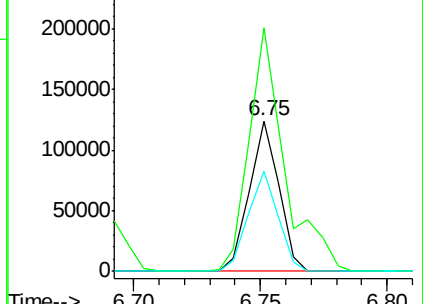
115 66.9 52.2 78.2



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: 44.02 ng

RT: 2.42 min Scan# 56

Delta R.T. -0.02 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

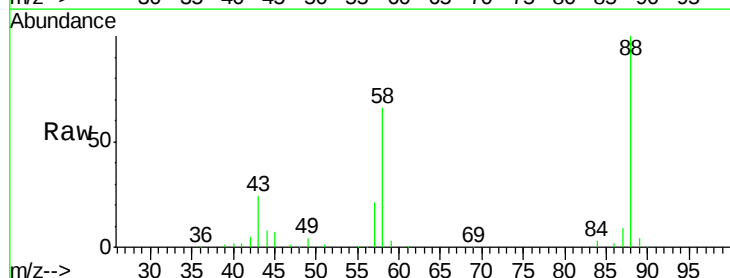
Tgt Ion: 88 Resp: 162984

Ion Ratio Lower Upper

88 100

58 66.2 61.4 92.0

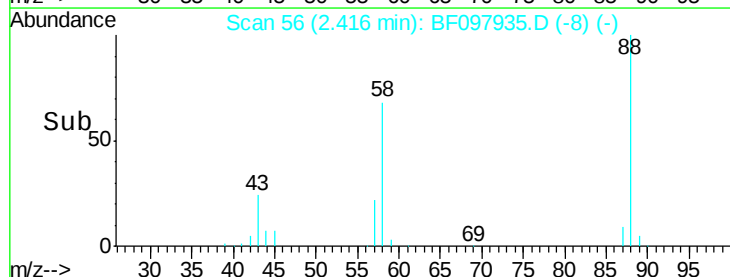
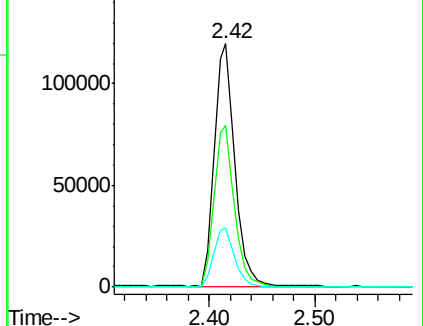
43 24.9 23.4 35.0

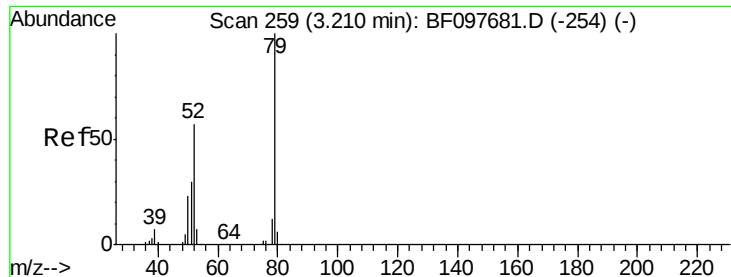


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

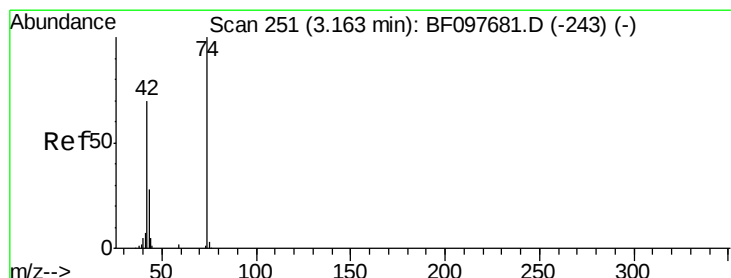
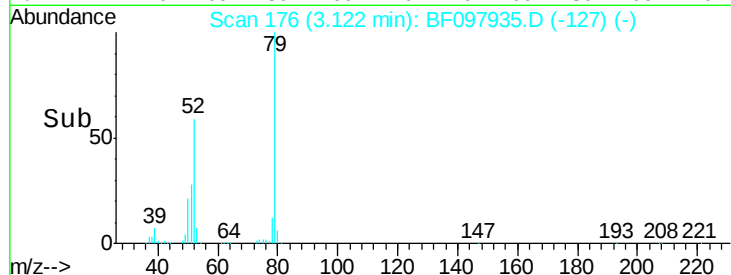
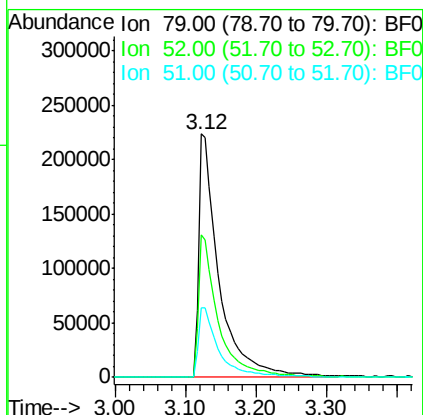
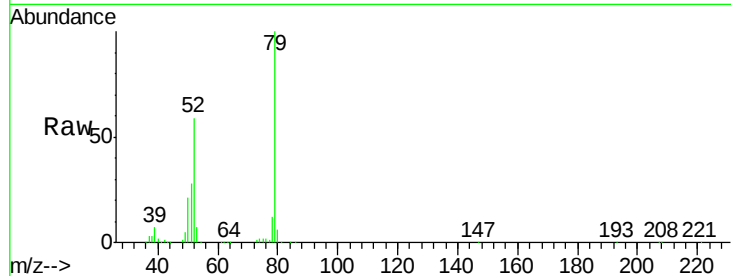




#3
 Pvridine
 Concen: 44.47 ng
 RT: 3.12 min Scan# 176
 Delta R.T. -0.01 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

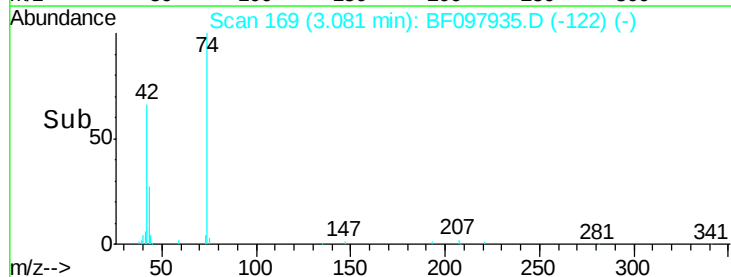
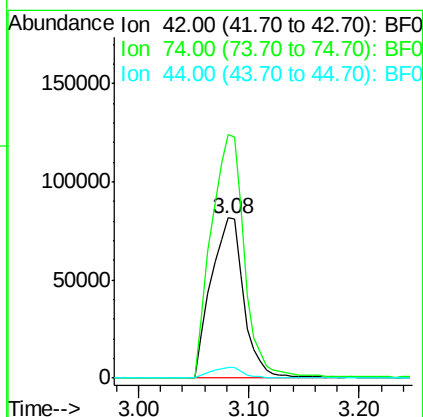
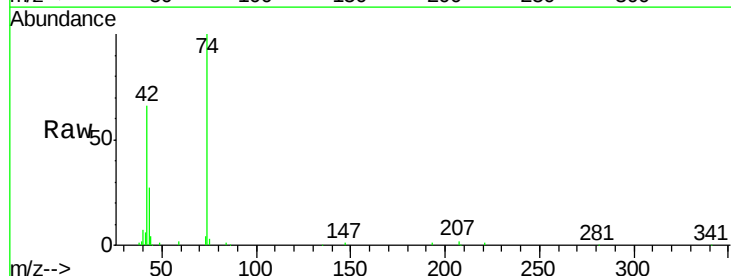
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

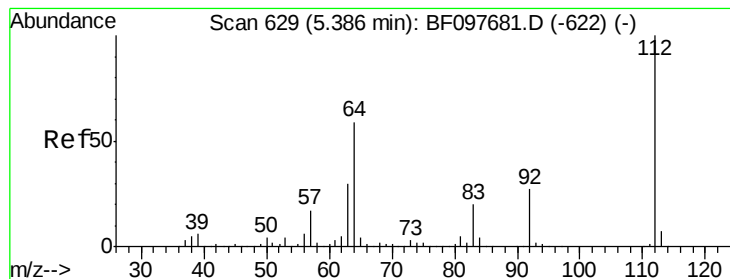
Tot Ion: 79 Resp: 455165
 Ion Ratio Lower Upper
 79 100
 52 58.7 54.8 82.2
 51 28.4 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 42.48 ng
 RT: 3.08 min Scan# 169
 Delta R.T. -0.02 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion: 42 Resp: 167285
 Ion Ratio Lower Upper
 42 100
 74 151.9 103.9 155.9
 44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 85.56 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

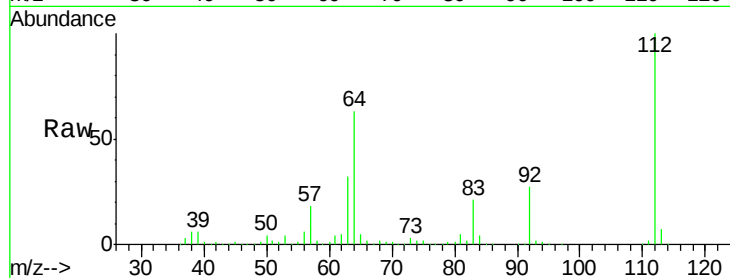
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

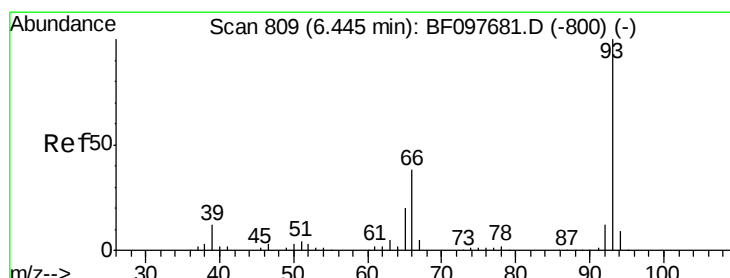
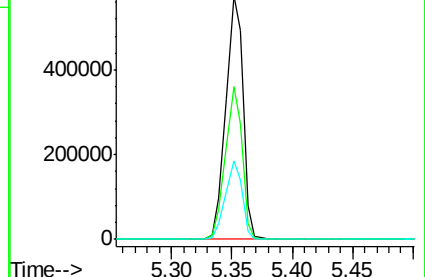
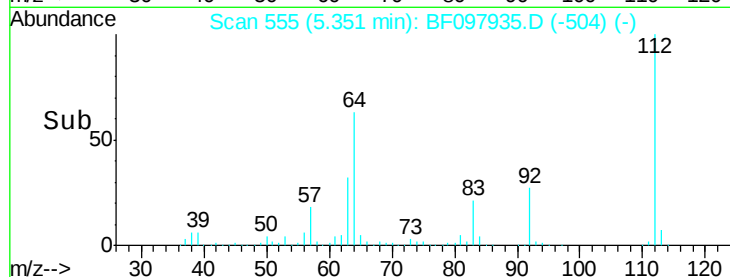
Tot Ion:	112	Resp:	568057
Ion	Ratio	Lower	Upper
112	100		
64	62.6	46.0	69.0
63	32.2	23.4	35.0



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: 40.08 ng

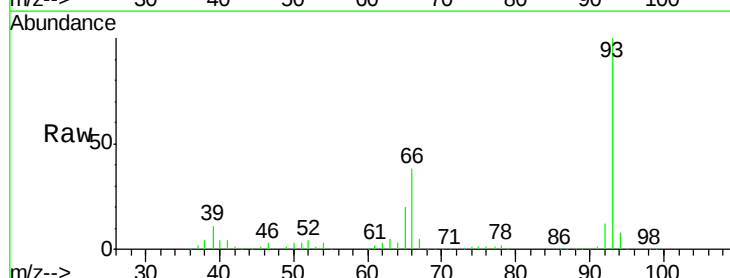
RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

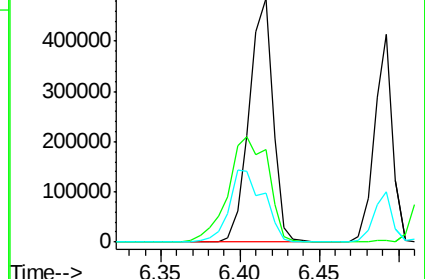
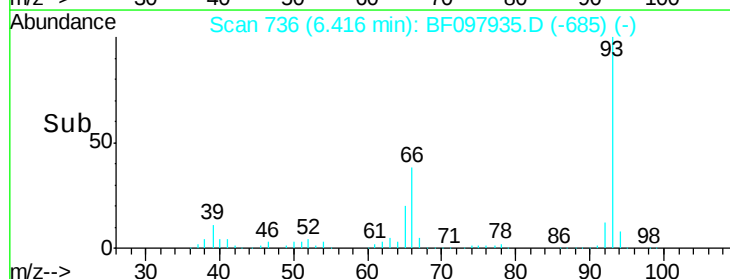
Tgt Ion:	93	Resp:	507921
Ion	Ratio	Lower	Upper
93	100		
66	37.8	32.9	49.3
65	20.0	16.0	24.0

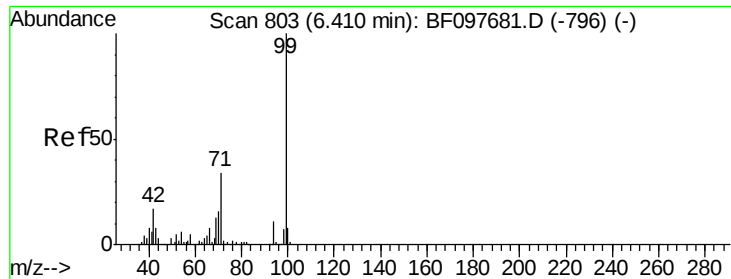


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.03 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

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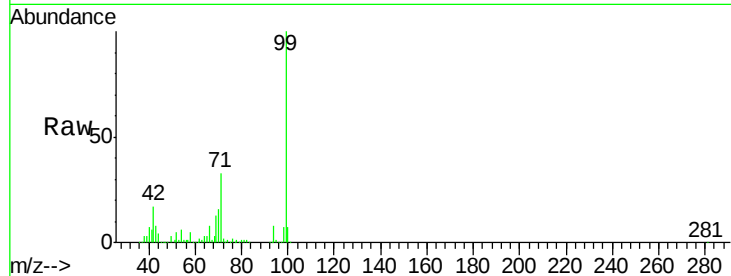
Tot Ion: 99 Resp: 748971

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

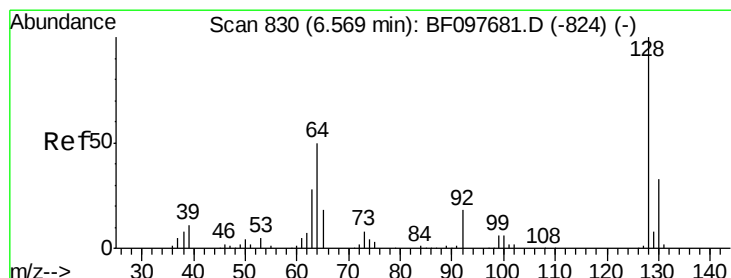
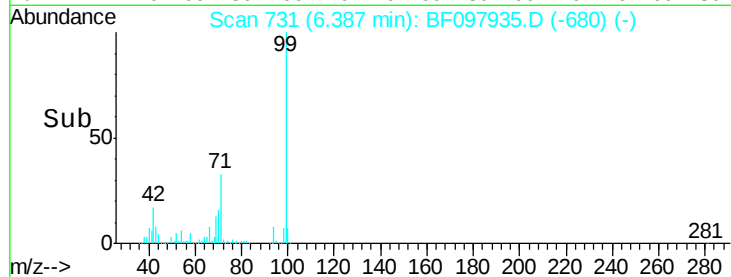
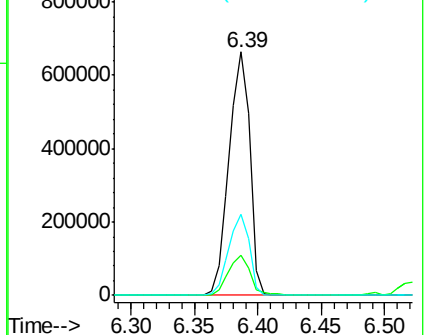
71 33.3 24.5 36.7



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: 41.72 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

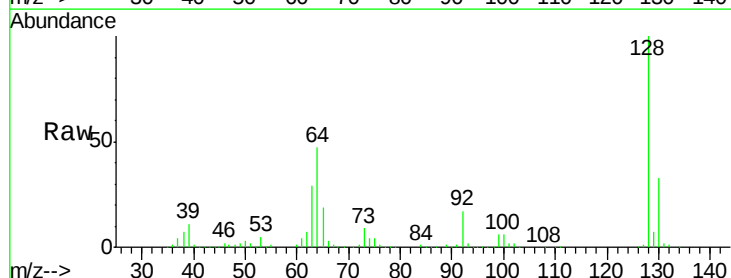
Tgt Ion: 128 Resp: 292124

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

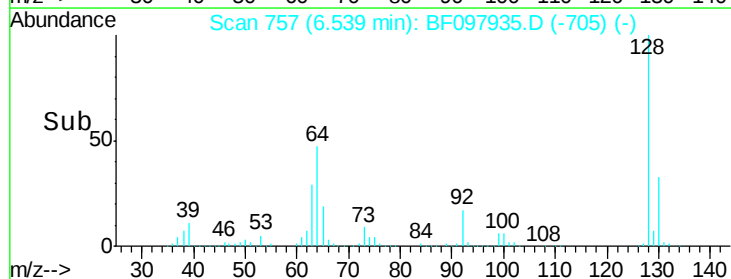
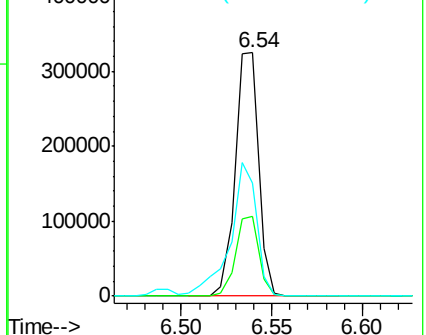
64 46.5 28.4 68.4

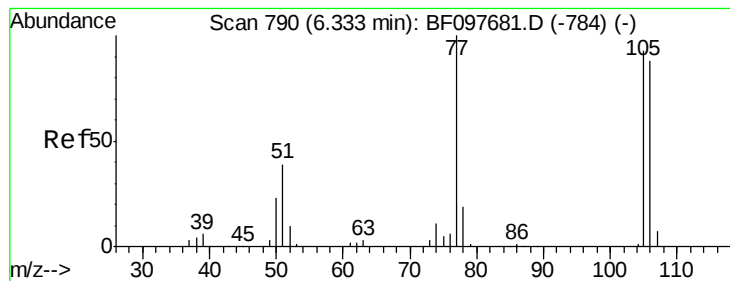


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.76 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF097935.D

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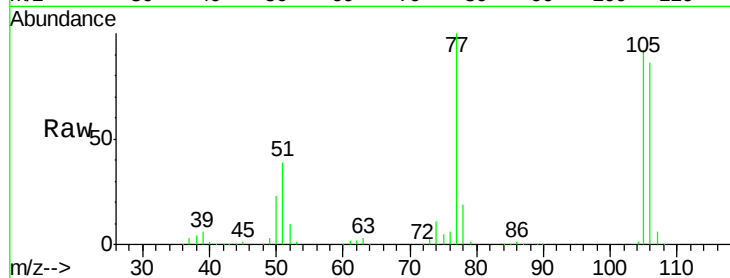
Tot Ion: 77 Resp: 244299

Ion Ratio Lower Upper

77 100

105 91.6 83.8 123.8

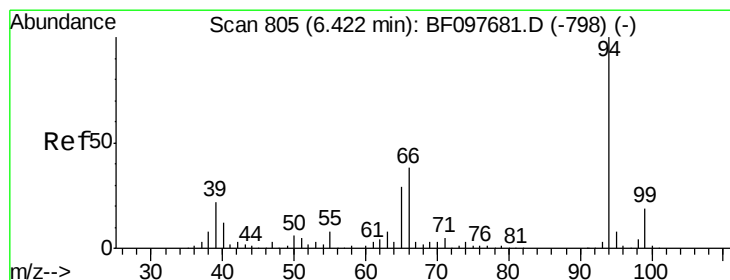
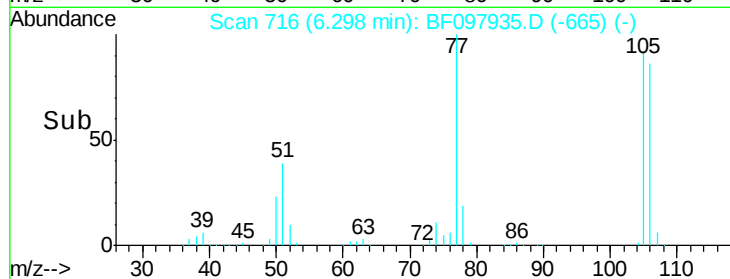
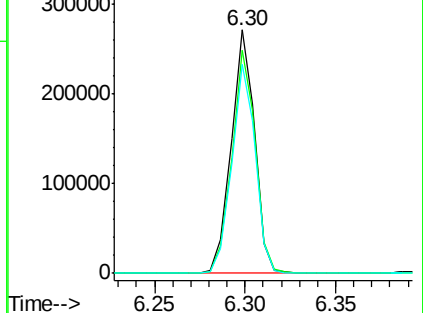
106 85.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.11 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

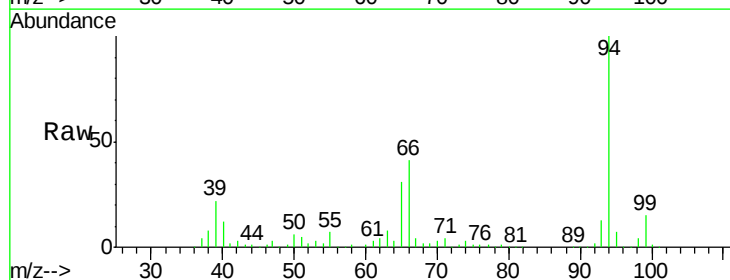
Tgt Ion: 94 Resp: 444245

Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

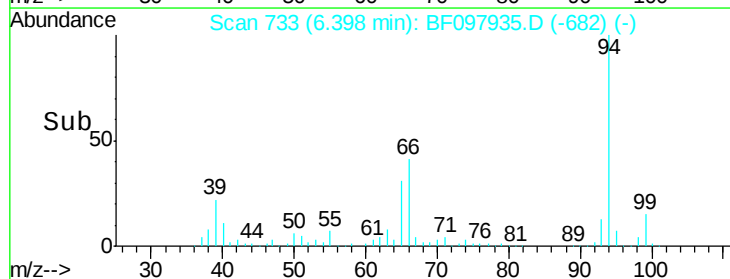
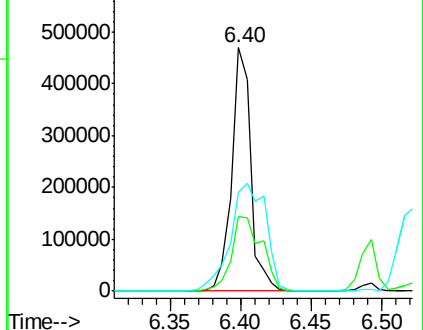
66 40.9 23.1 63.1

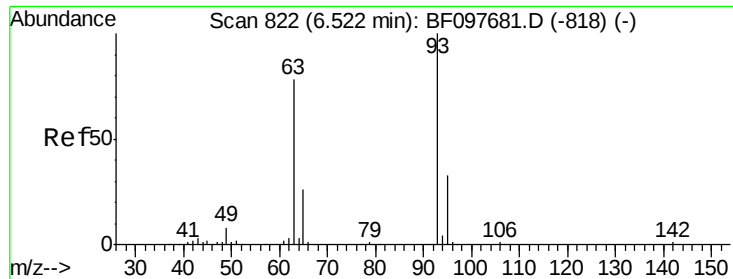


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

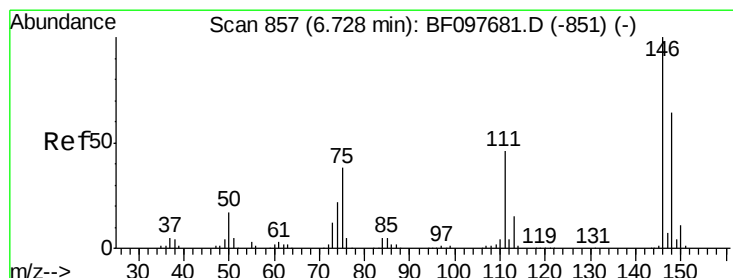
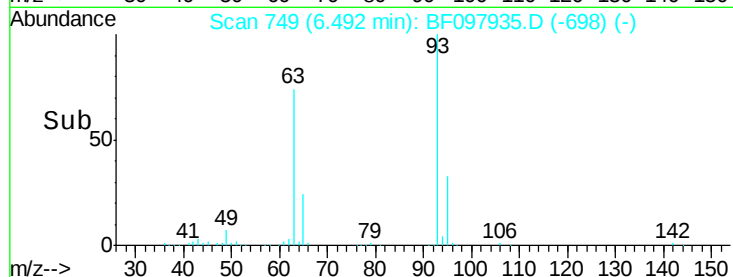
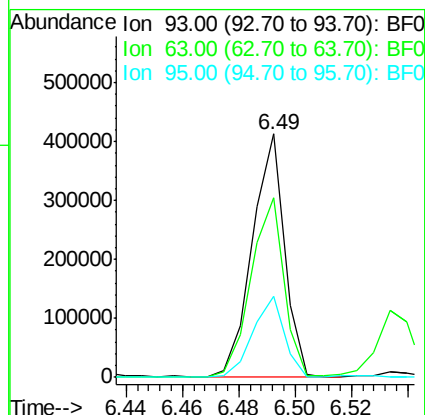
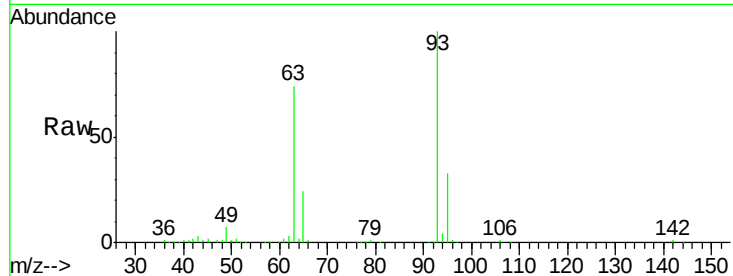




#11
bis(2-Chloroethyl)ether
Concen: 40.87 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

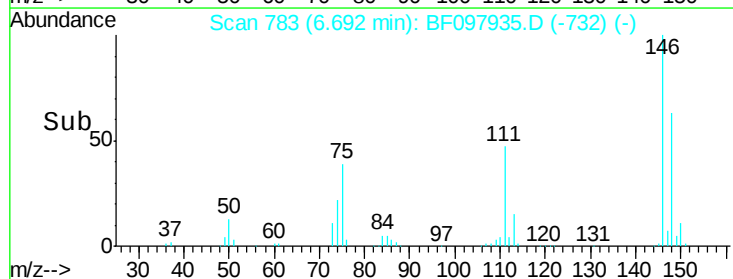
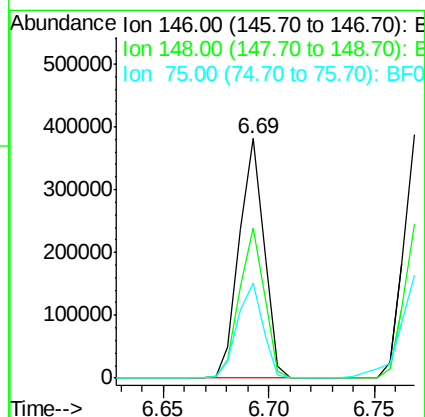
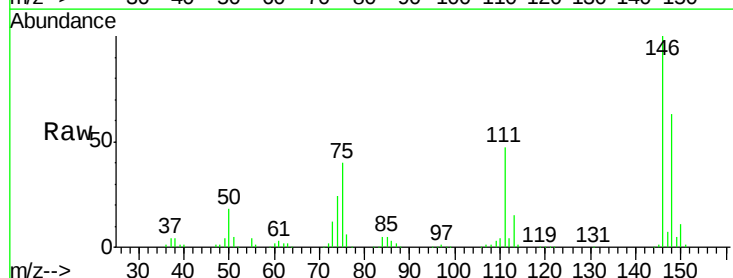
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

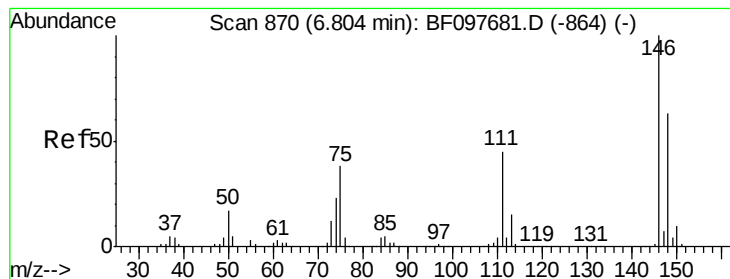
Tot Ion: 93 Resp: 325401
Ion Ratio Lower Upper
93 100
63 73.7 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.10 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion: 146 Resp: 309532
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.6
75 39.7 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 40.72 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

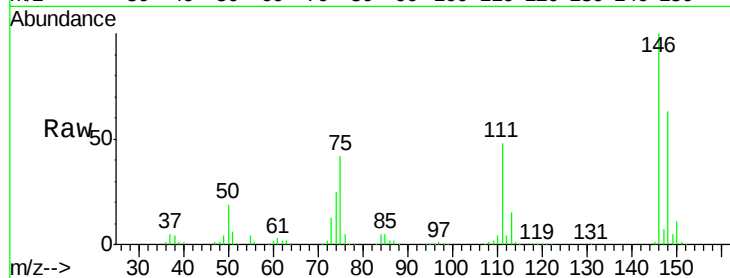
Tot Ion:146 Resp: 311916

Ion Ratio Lower Upper

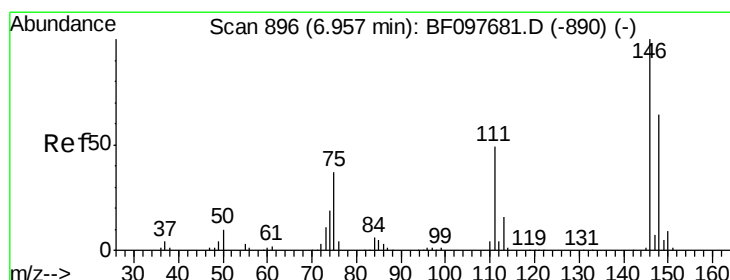
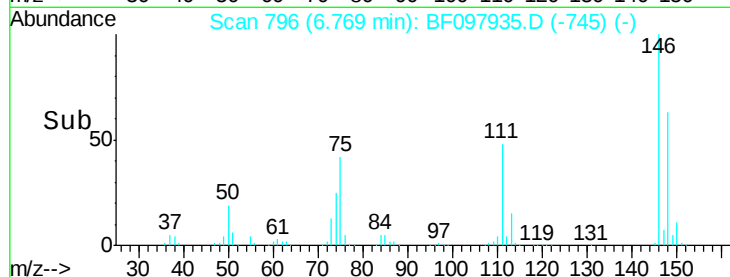
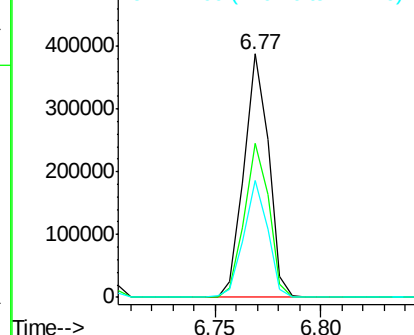
146 100

148 63.4 52.2 78.2

111 48.1 30.3 45.5#



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



#14

1,2-Dichlorobenzene

Concen: 40.43 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

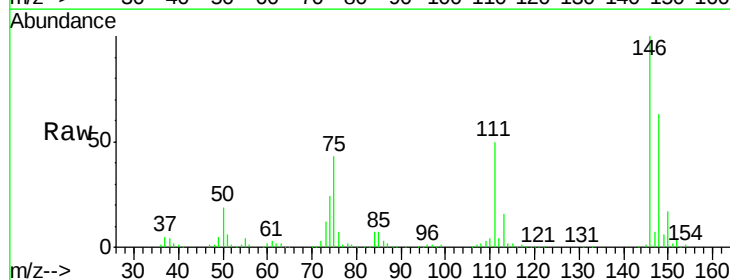
Tgt Ion:146 Resp: 285559

Ion Ratio Lower Upper

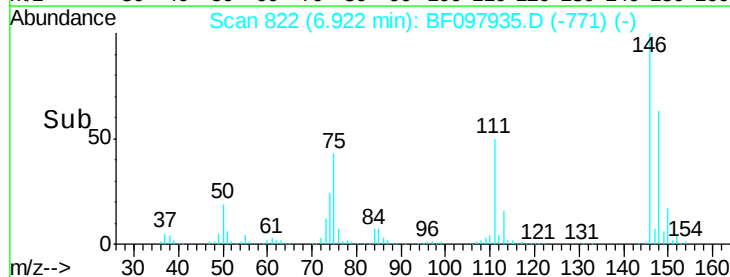
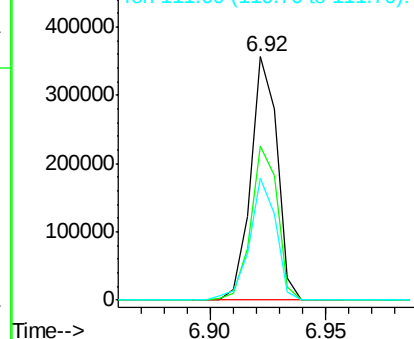
146 100

148 63.1 50.4 75.6

111 49.9 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: 38.46 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

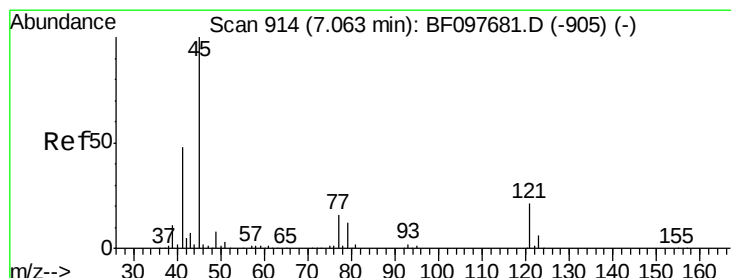
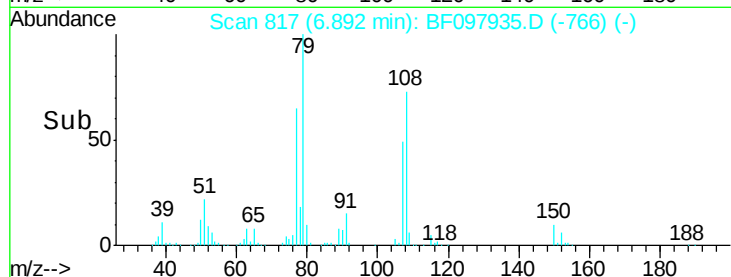
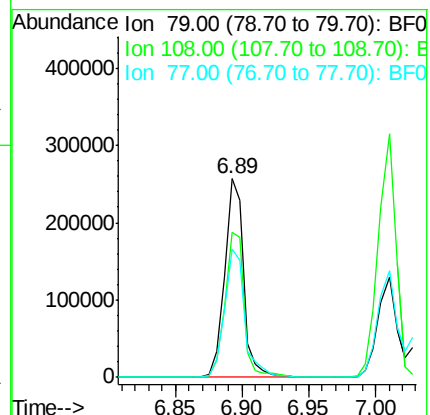
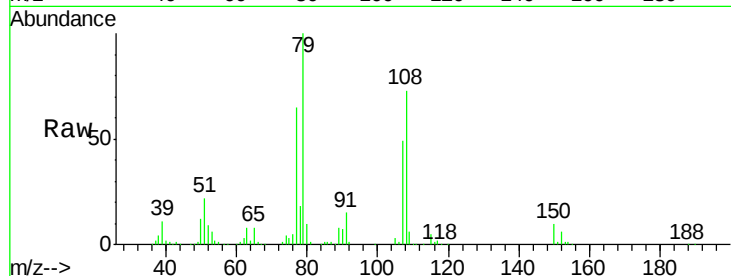
Tot Ion: 79 Resp: 259761

Ion Ratio Lower Upper

79 100

108 72.9 63.4 95.0

77 65.0 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.41 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

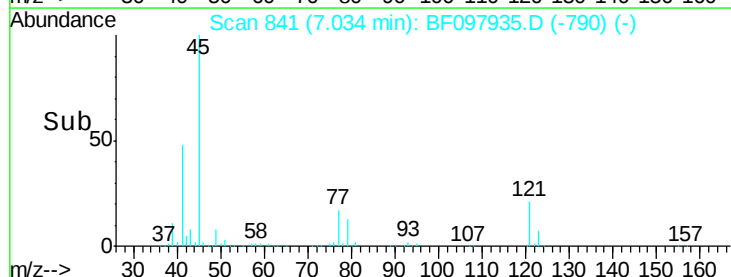
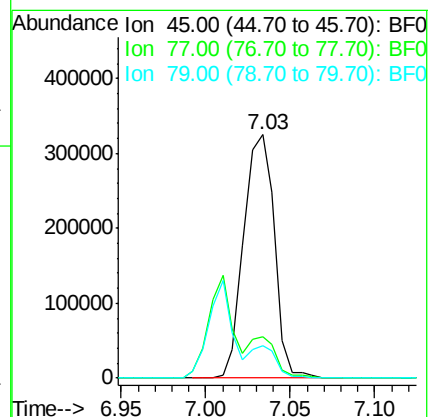
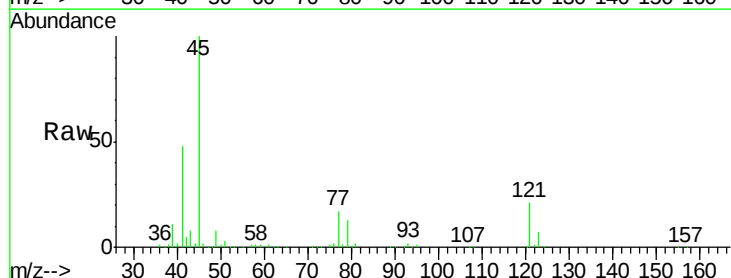
Tgt Ion: 45 Resp: 411532

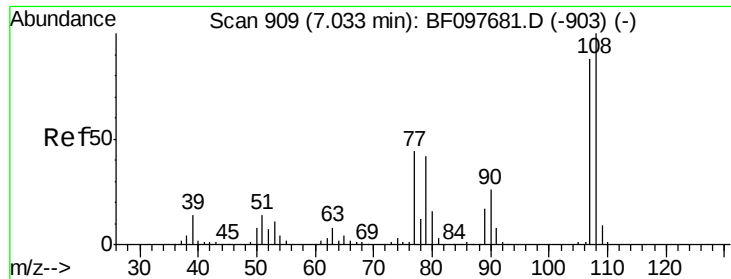
Ion Ratio Lower Upper

45 100

77 17.1 0.0 33.2

79 13.3 0.0 30.0

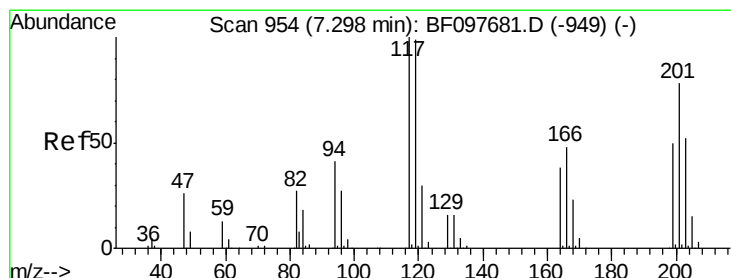
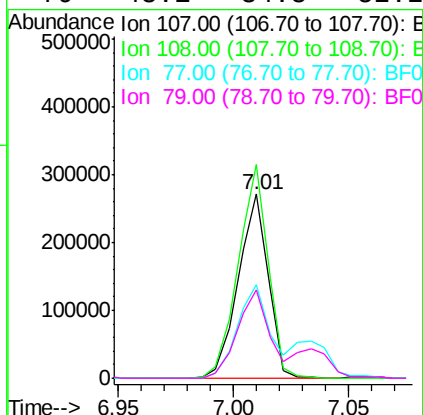
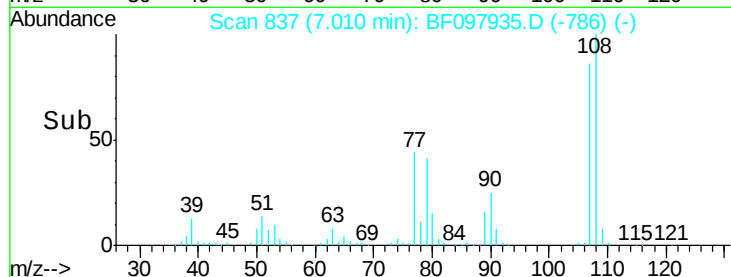
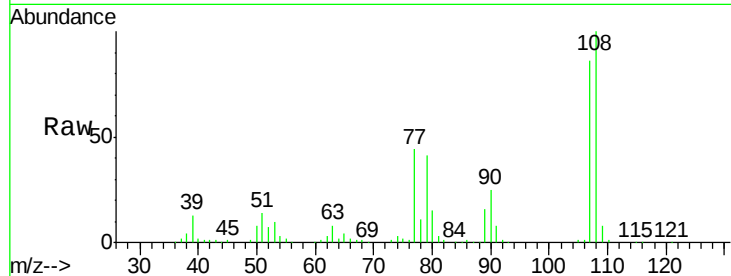




#17
2-Methylphenol
Concen: 39.96 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

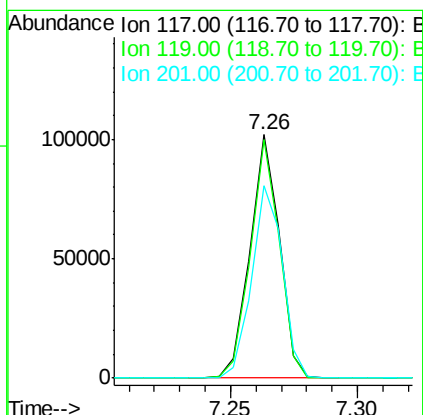
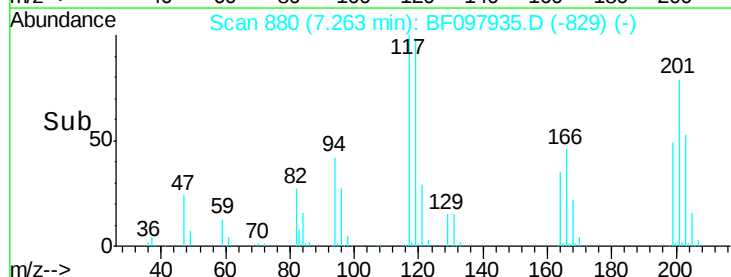
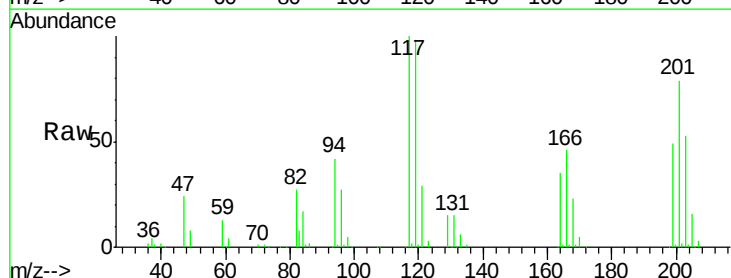
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

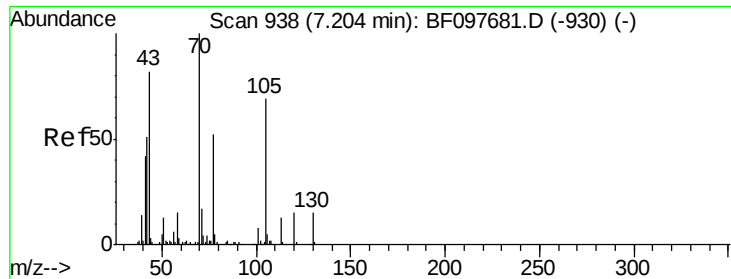
Tot Ion:	107	Resp:	246538
Ion	Ratio	Lower	Upper
107	100		
108	116.2	93.4	140.0
77	50.7	35.8	53.6
79	48.1	34.8	52.2



#18
Hexachloroethane
Concen: 27.48 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion:	117	Resp:	82526
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.4	116.0
201	79.0	94.6	141.8#

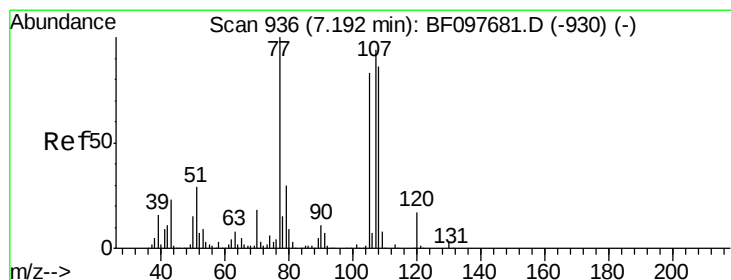
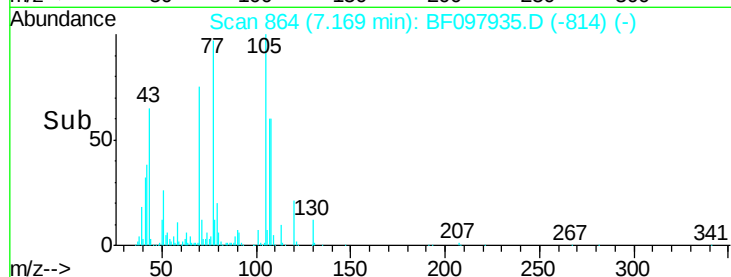
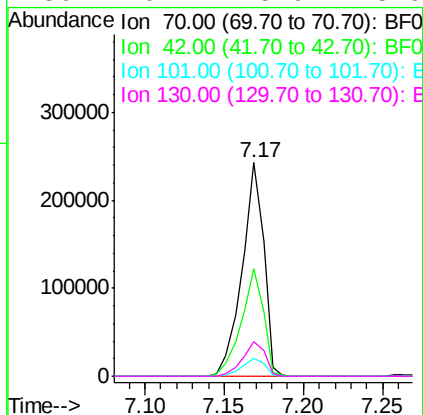
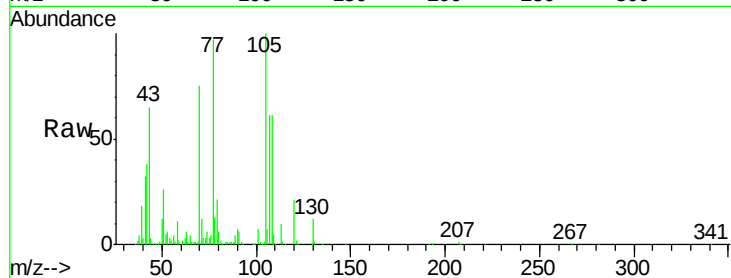




#19
n-Nitroso-di-n-propylamine
Concen: 37.12 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

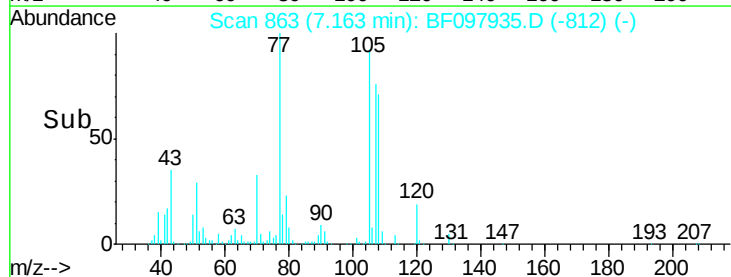
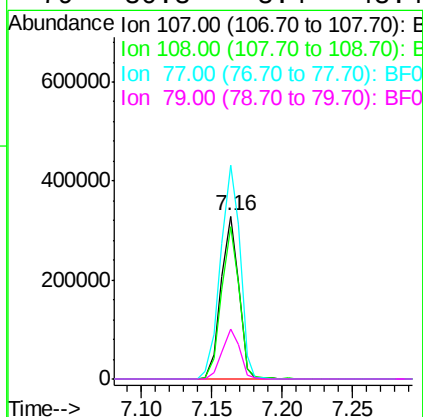
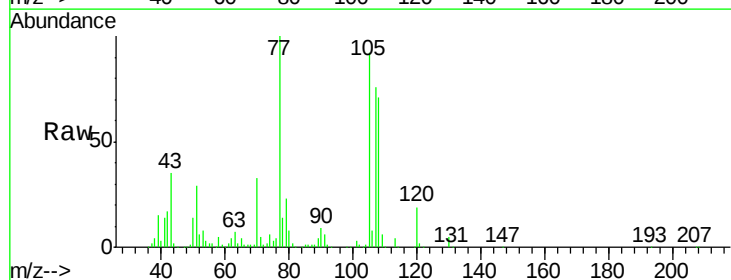
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

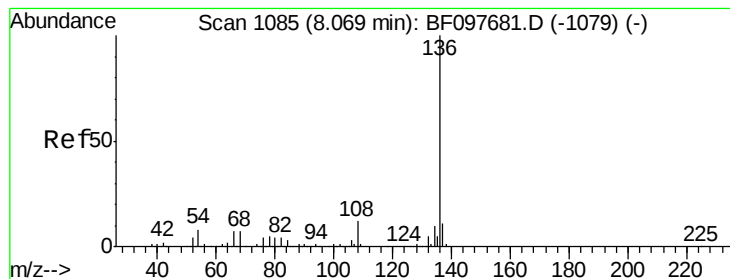
Tot Ion: 70 Resp: 229201
Ion Ratio Lower Upper
70 100
42 50.1 47.2 70.8
101 8.7 7.2 10.8
130 16.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 38.33 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion: 107 Resp: 288891
Ion Ratio Lower Upper
107 100
108 93.7 71.0 111.0
77 131.1 90.5 130.5#
79 30.3 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 374101

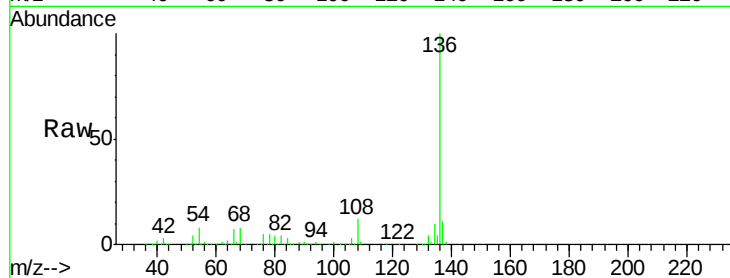
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.1 4.9 7.3#

68 7.5 4.1 6.1#

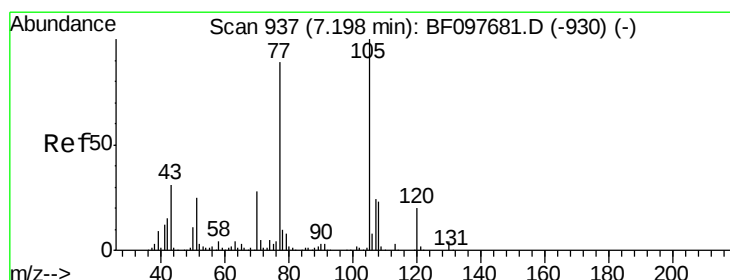
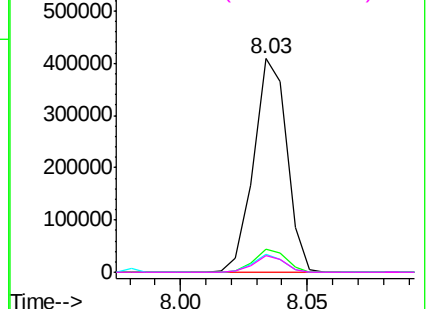
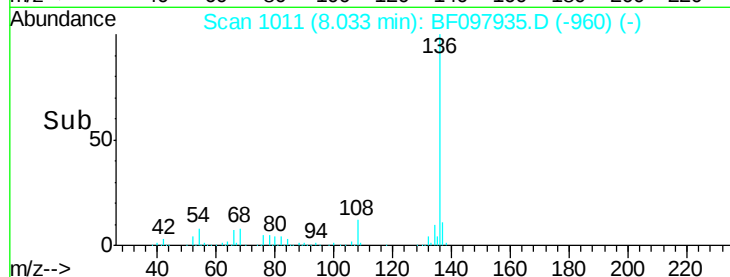


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.05 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Tgt Ion:105 Resp: 395803

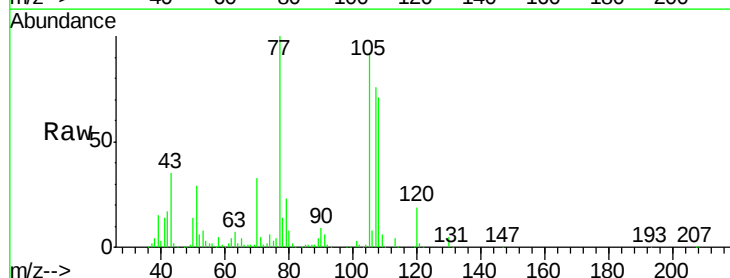
Ion Ratio Lower Upper

105 100

71 5.9 2.8 4.2#

51 31.5 30.7 46.1

120 20.5 17.4 26.0

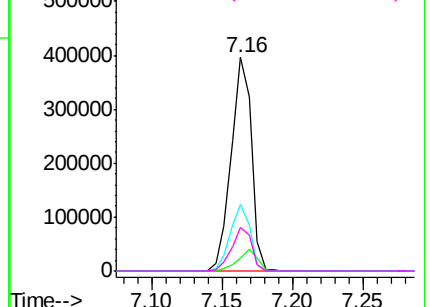
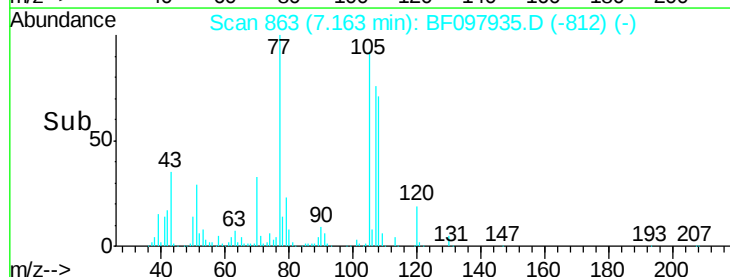


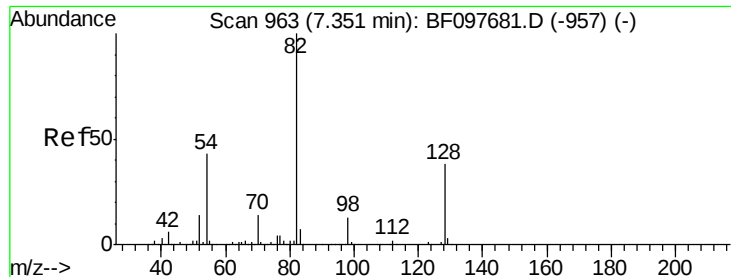
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

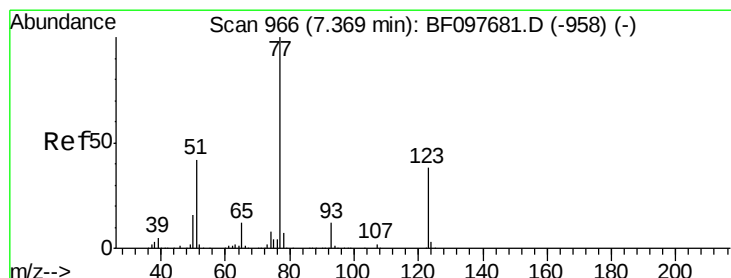
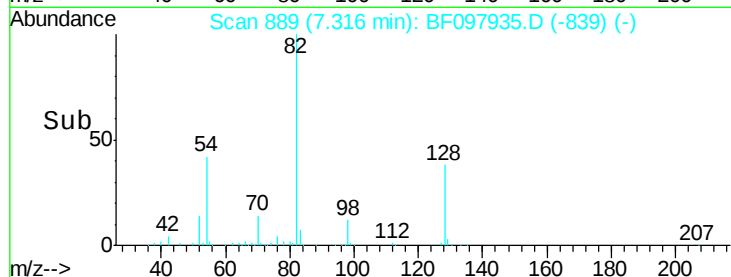
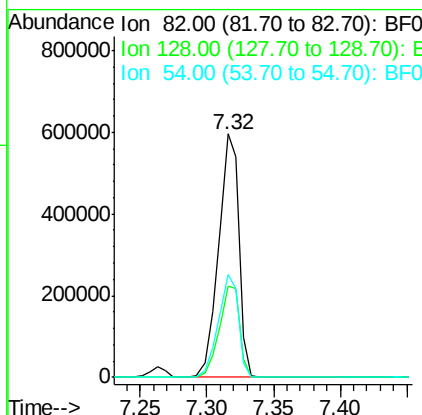
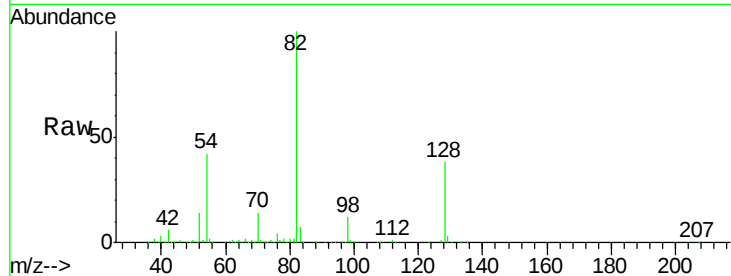




#23
 Nitrobenzene-d5
 Concen: 92.90 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

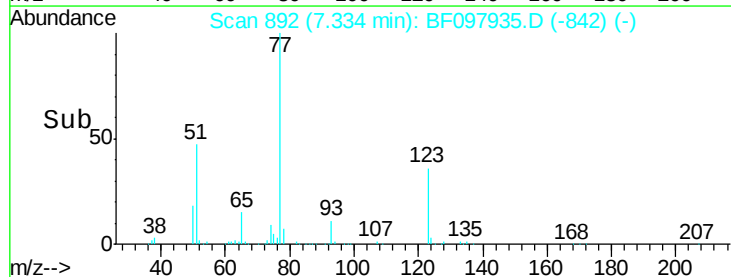
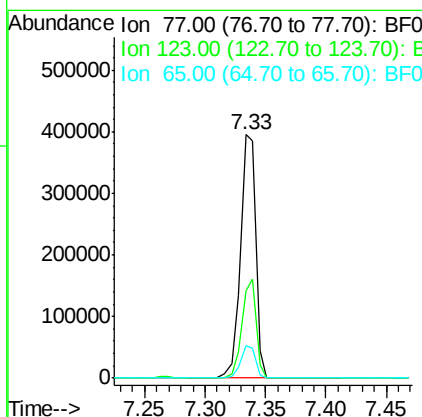
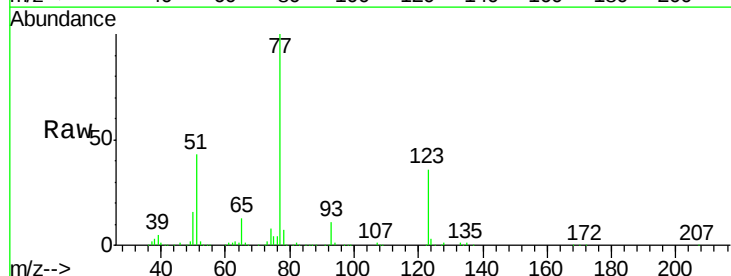
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

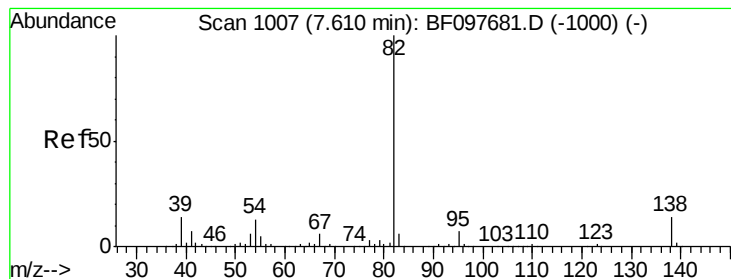
Tot Ion	82	Resp	639758
Ion Ratio	Lower	Upper	
82	100		
128	37.6	34.0	51.0
54	42.4	42.2	63.2



#24
 Nitrobenzene
 Concen: 45.93 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion	77	Resp	352194
Ion Ratio	Lower	Upper	
77	100		
123	36.2	35.8	53.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 40.34 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

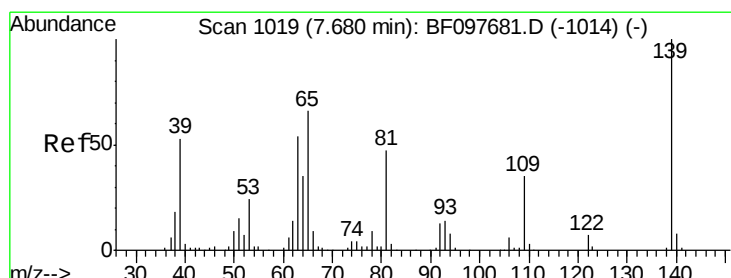
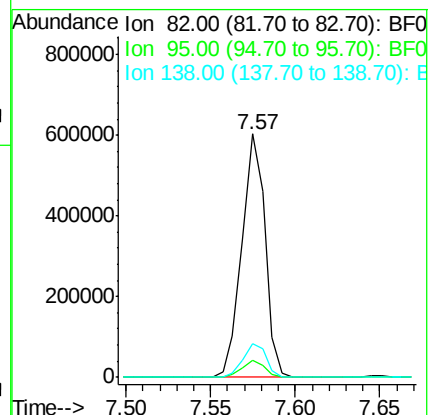
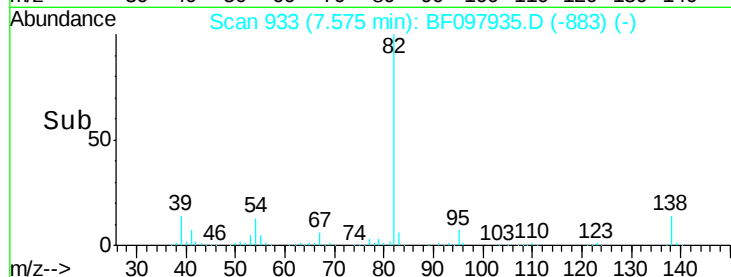
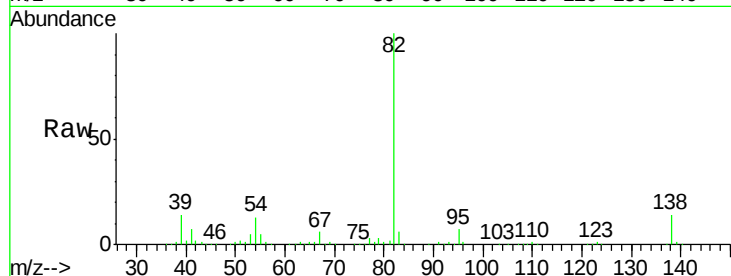
Tot Ion: 82 Resp: 577697

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 13.7 13.1 19.7



#26

2-Nitrophenol

Concen: 36.14 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

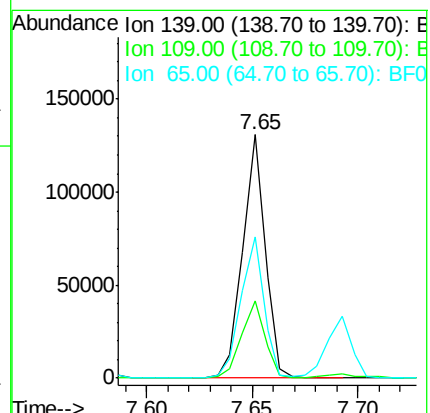
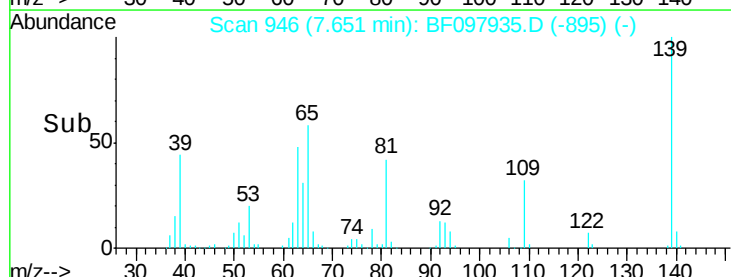
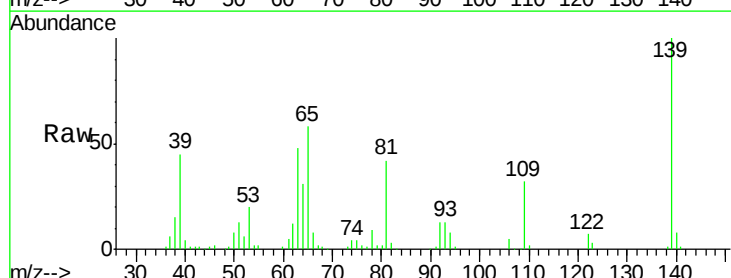
Tgt Ion: 139 Resp: 96344

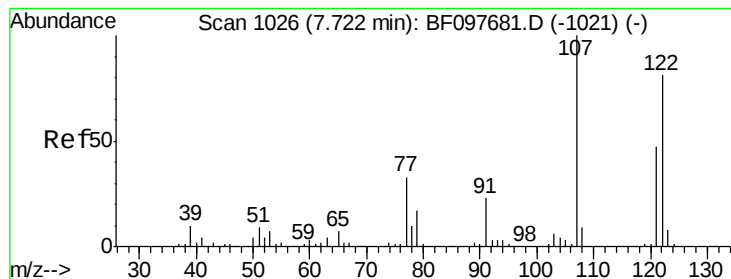
Ion Ratio Lower Upper

139 100

109 31.8 21.0 31.6#

65 58.2 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 40.59 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

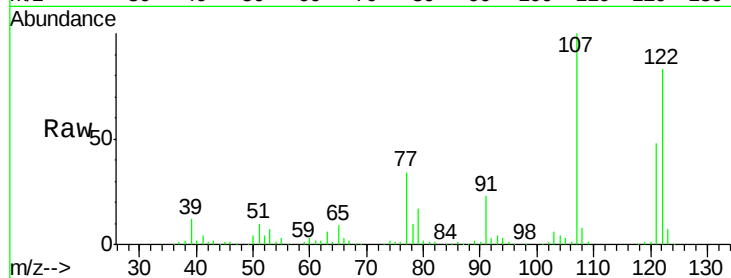
Tot Ion:122 Resp: 242412

Ion Ratio Lower Upper

122 100

107 120.2 89.2 133.8

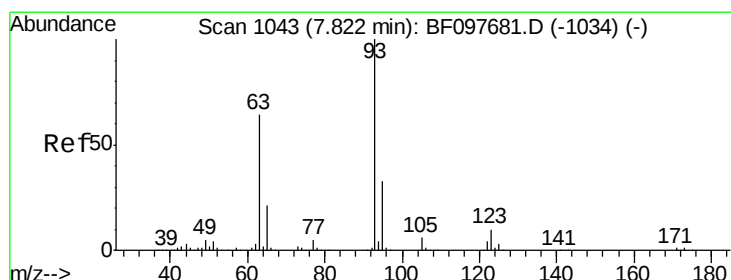
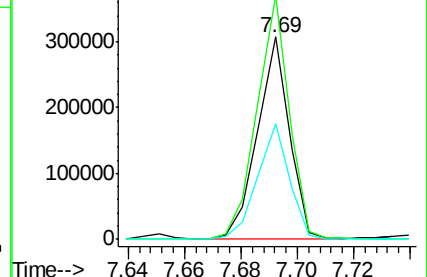
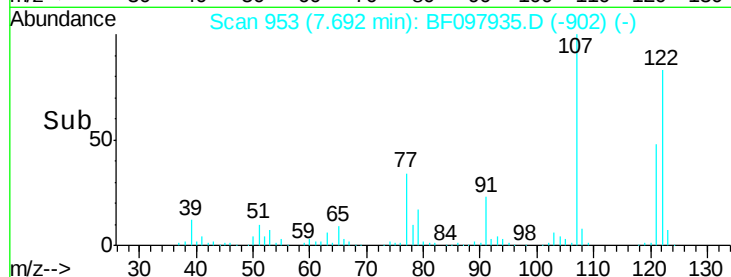
121 57.1 45.2 67.8



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: 40.61 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

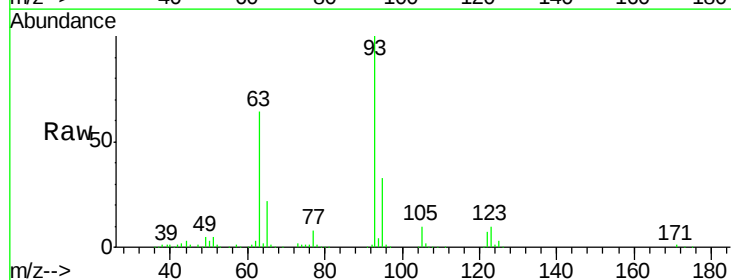
Tgt Ion: 93 Resp: 382272

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

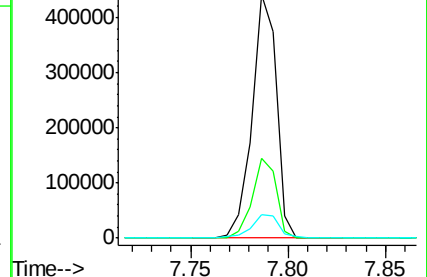
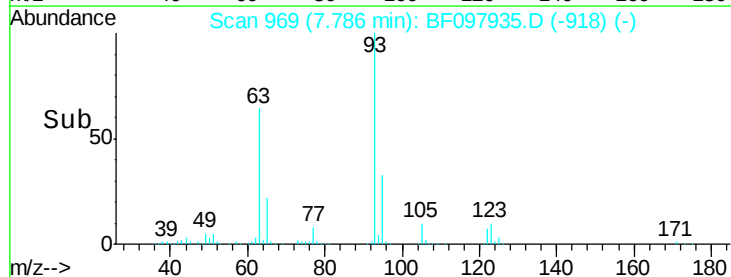
123 9.6 9.0 13.4

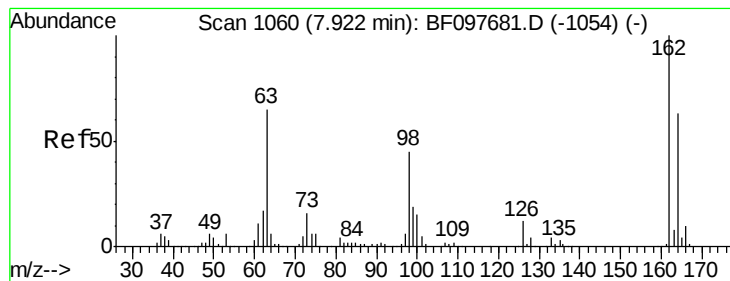


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.89 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

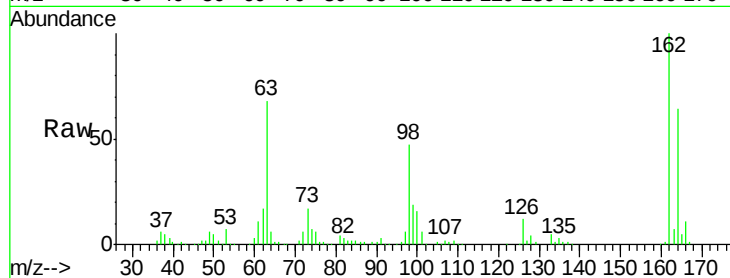
Tot Ion:162 Resp: 197753

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

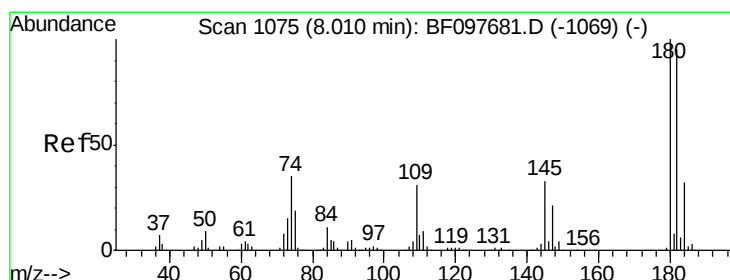
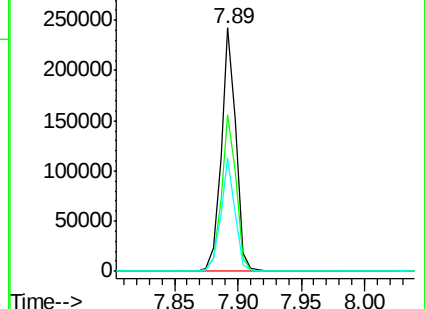
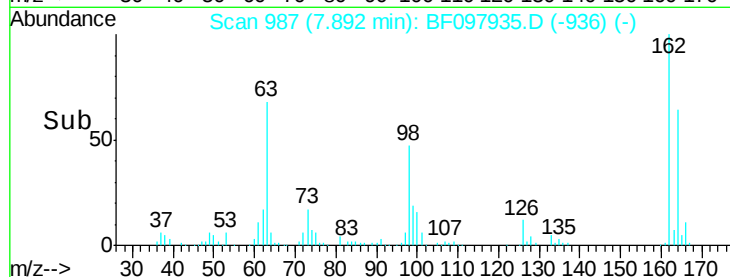
98 46.6 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.97 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

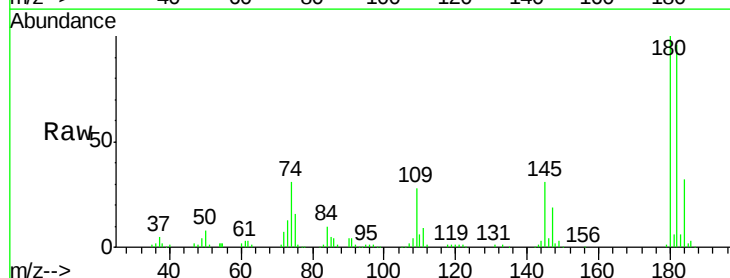
Tgt Ion:180 Resp: 219637

Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.6

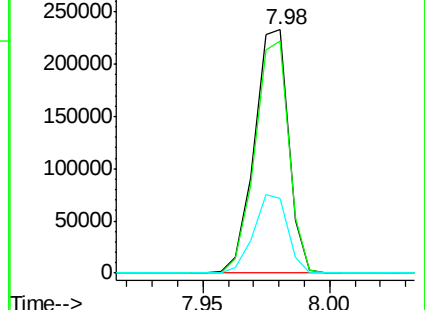
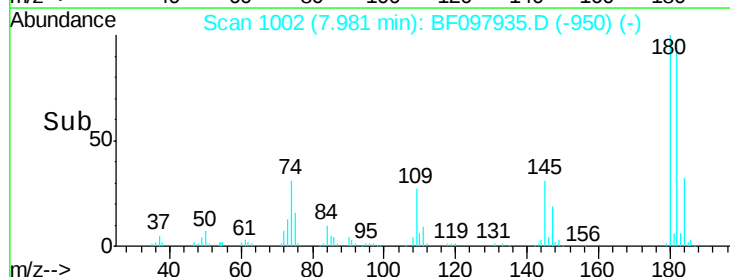
145 30.6 25.3 37.9

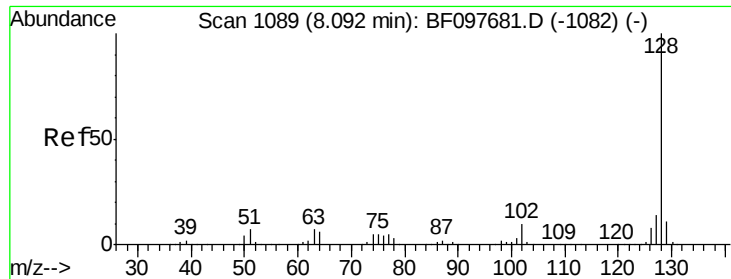


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

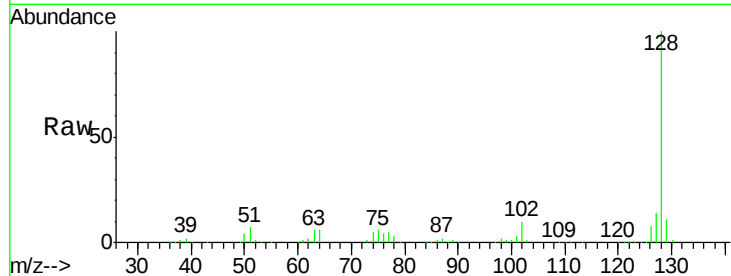




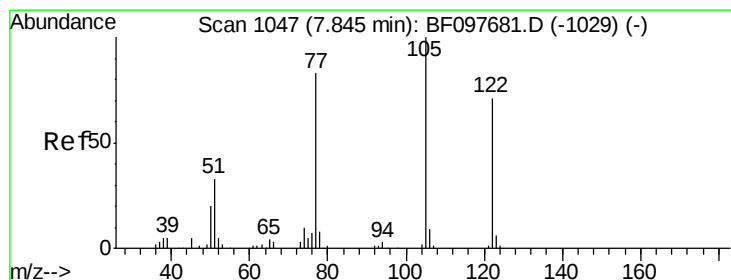
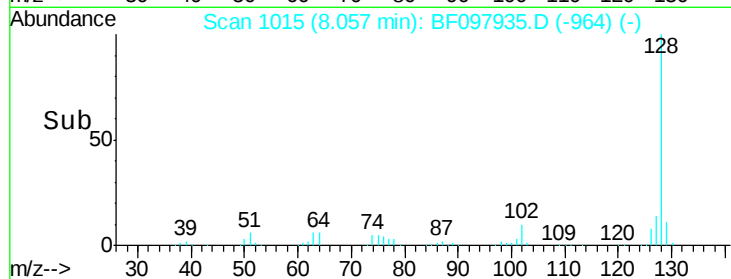
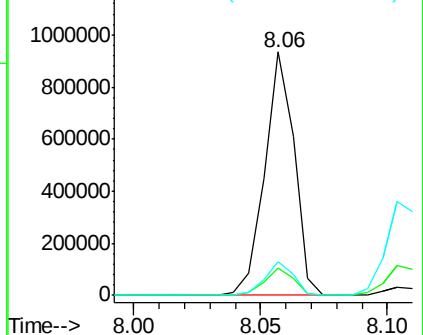
#31
Naphthalene
Concen: 39.30 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 763194
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.7 10.8 16.2

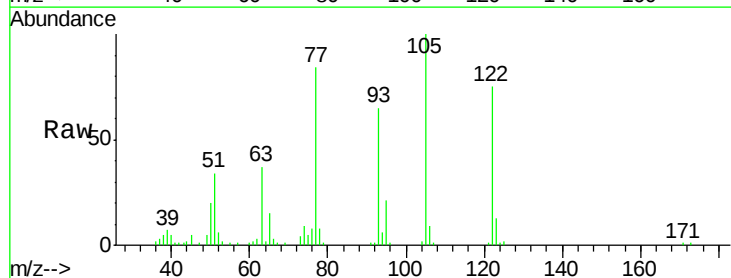


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

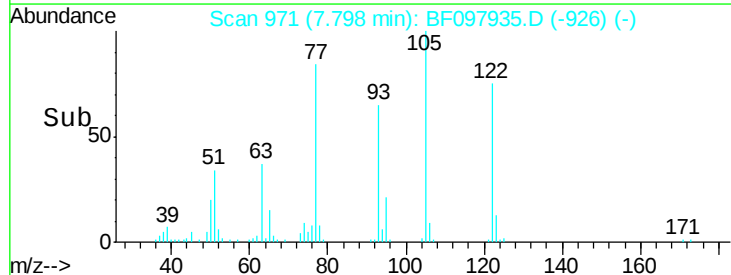
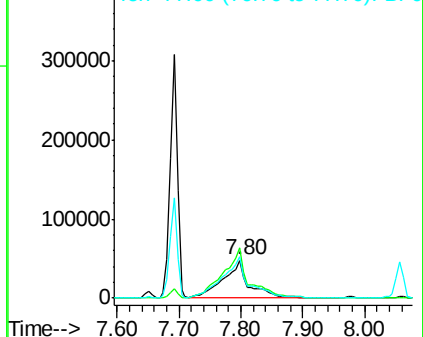


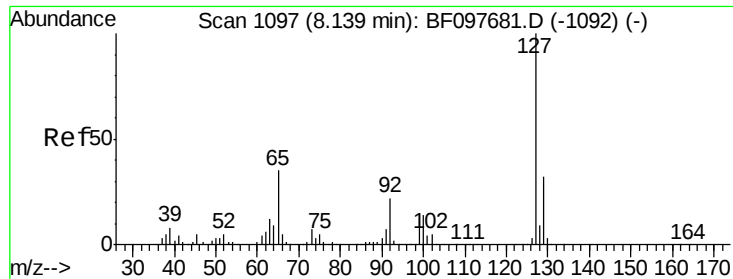
#32
Benzoic acid
Concen: 33.35 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion:122 Resp: 135317
Ion Ratio Lower Upper
122 100
105 132.6 103.3 143.3
77 110.8 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

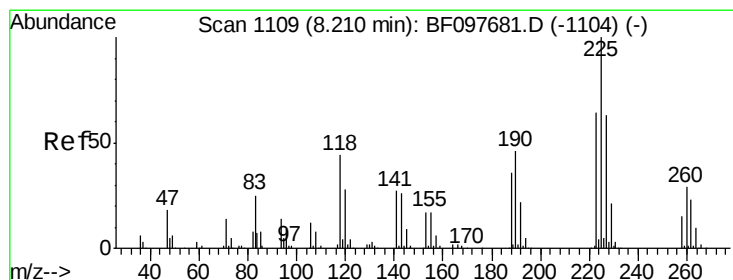
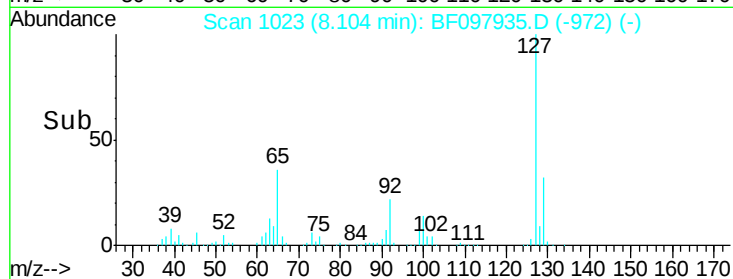
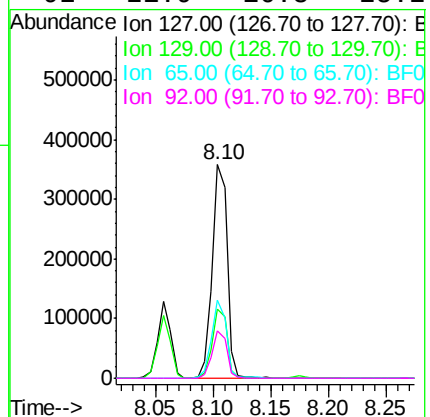
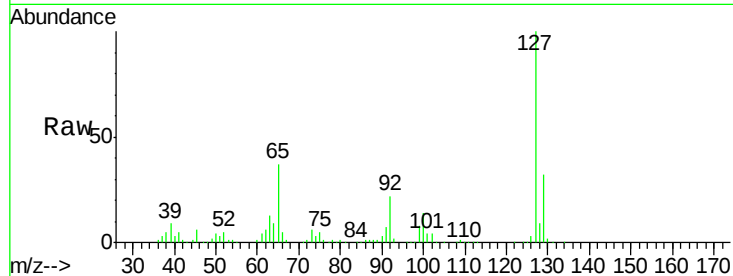




#33
4-Chloroaniline
Concen: 39.39 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

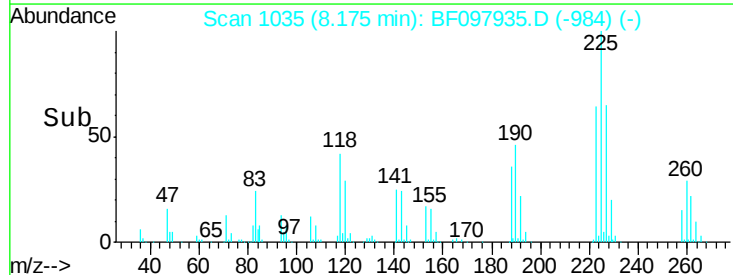
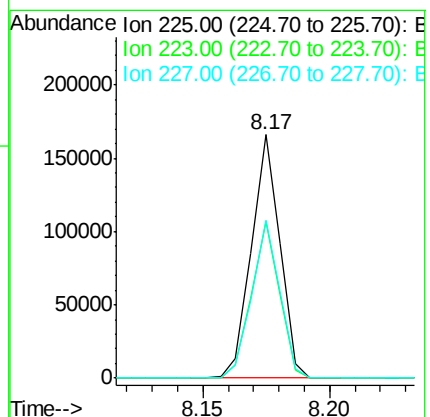
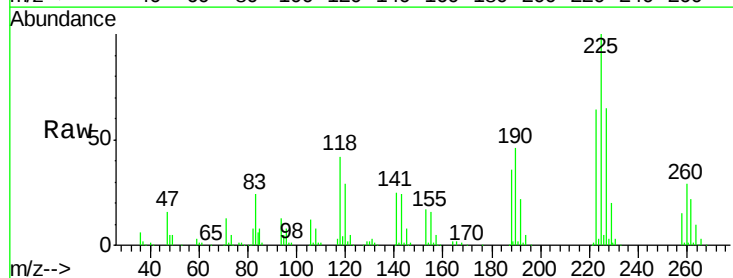
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

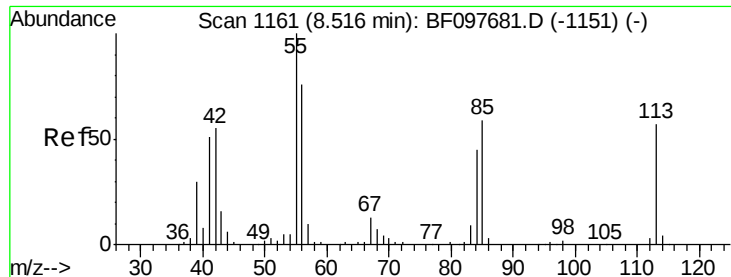
Tot Ion:	127	Resp:	322668
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	36.9	27.8	41.8
92	21.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.37 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion:	225	Resp:	129540
Ion	Ratio	Lower	Upper
225	100		
223	64.5	48.8	73.2
227	64.8	51.1	76.7

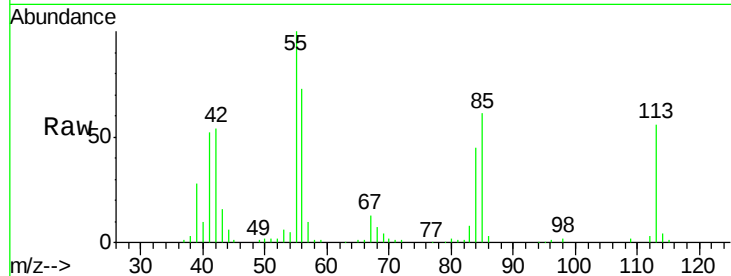




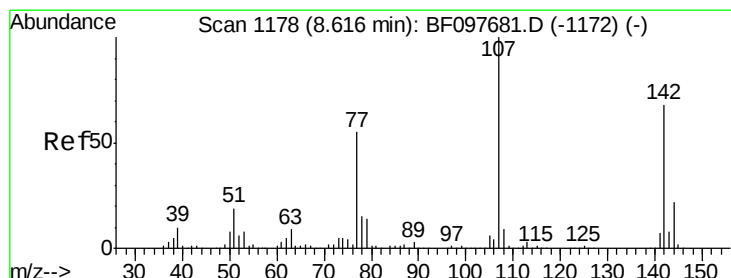
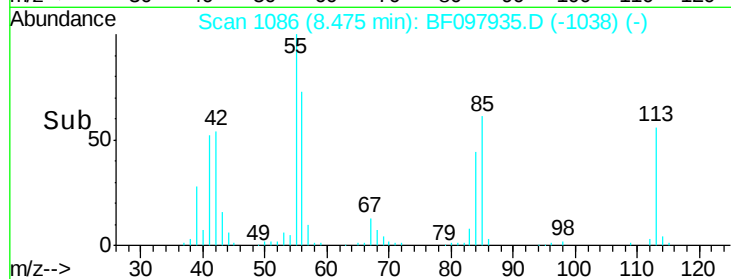
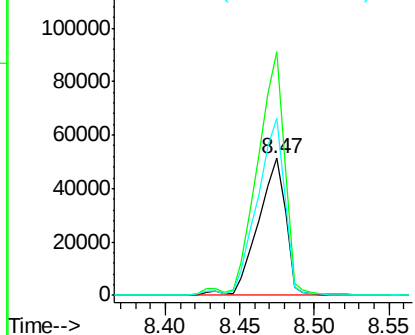
#35
 Caprolactam
 Concen: 38.41 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 64738
 Ion Ratio Lower Upper
 113 100
 55 177.3 150.2 190.2
 56 129.4 107.8 147.8

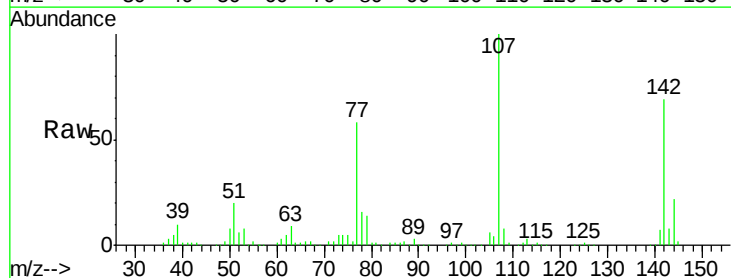


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

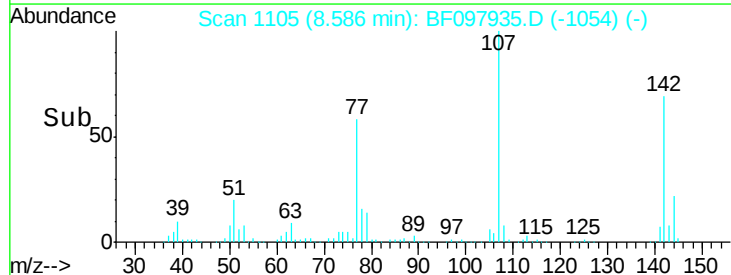
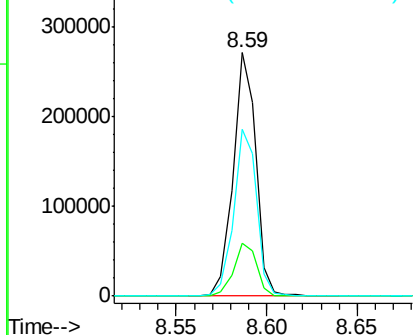


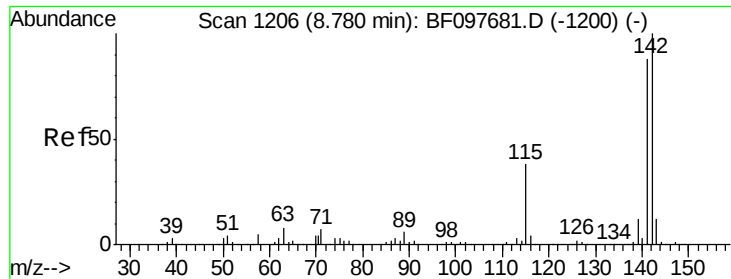
#36
 4-Chloro-3-methylphenol
 Concen: 37.25 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion:107 Resp: 237274
 Ion Ratio Lower Upper
 107 100
 144 21.6 24.2 36.4#
 142 68.8 73.4 110.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

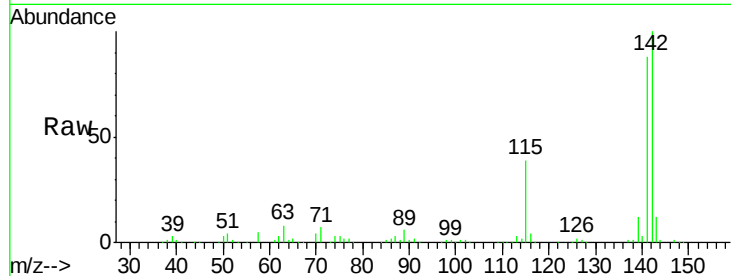




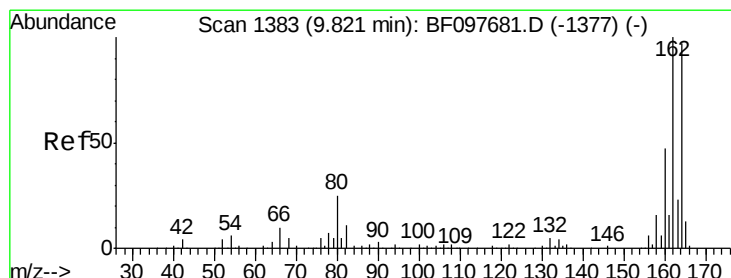
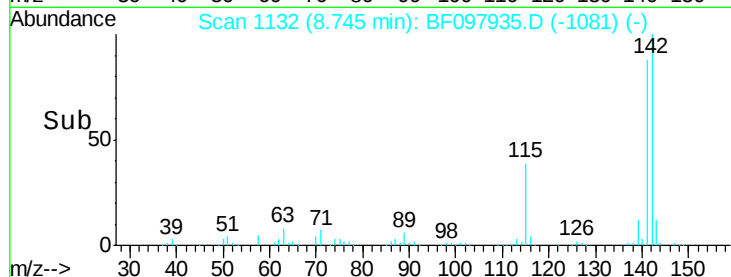
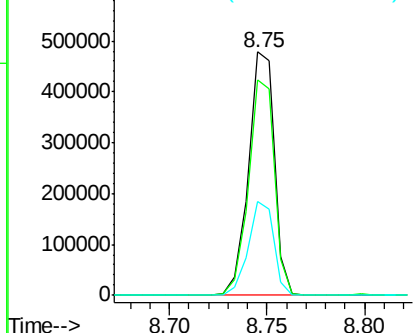
#37
 2-Methylnaphthalene
 Concen: 36.97 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 440161
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.3 106.9
 115 38.7 27.1 40.7

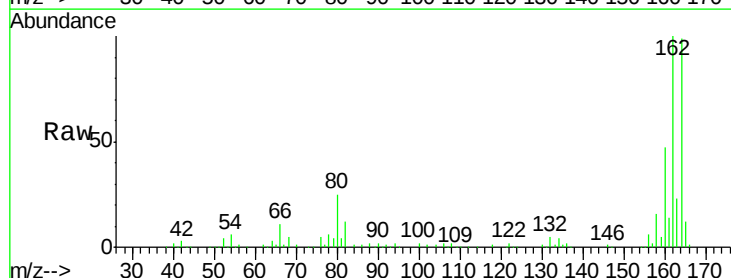


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

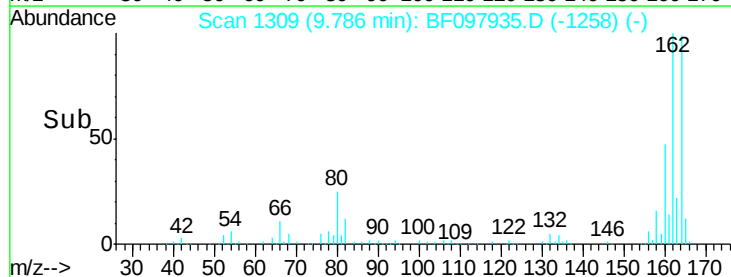
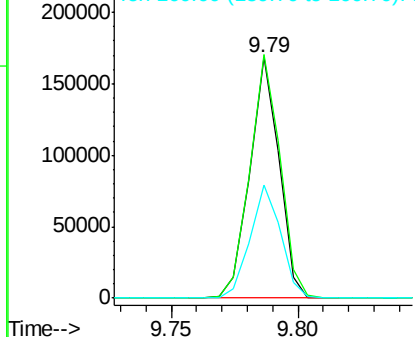


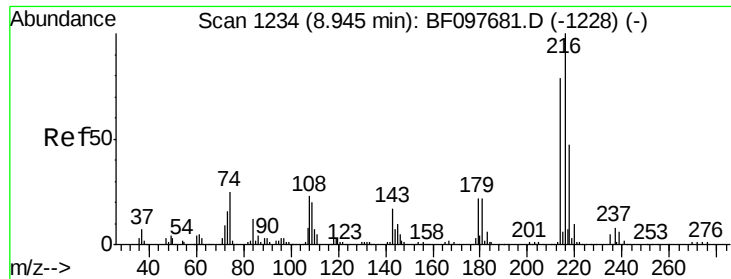
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion:164 Resp: 135505
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.6 123.8
 160 47.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

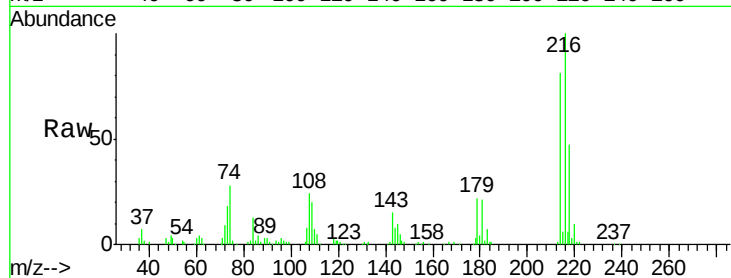




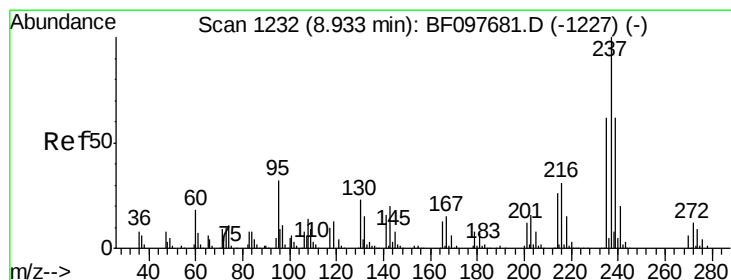
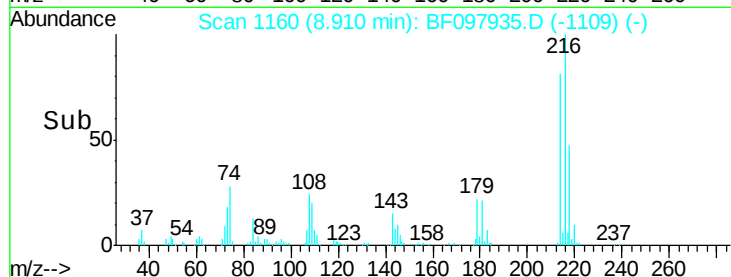
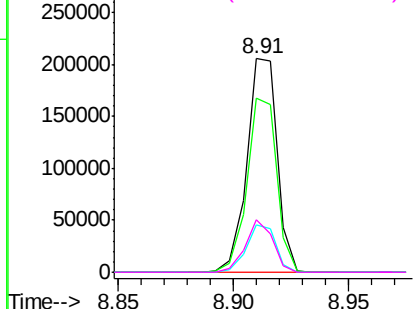
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.46 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	189051
Ion Ratio	Lower	Upper
216	100	
214	80.2	63.4 95.2
179	21.5	17.9 26.9
108	22.2	16.5 24.7

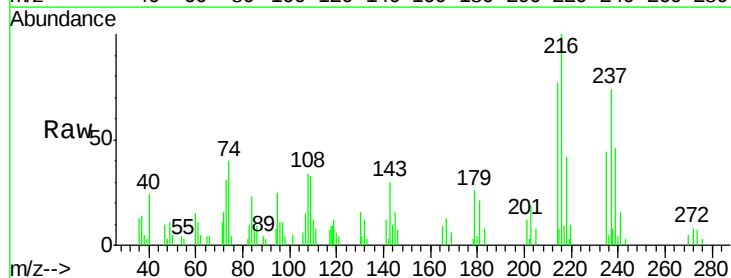


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

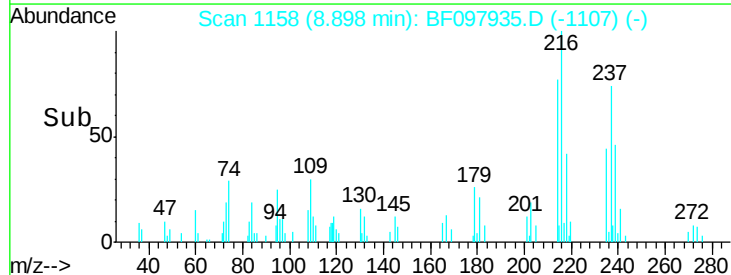
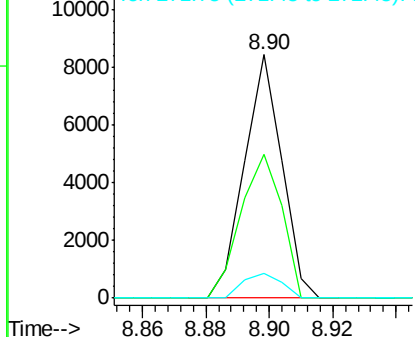


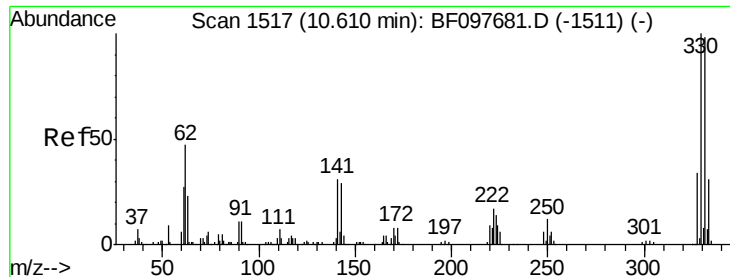
#40
 Hexachlorocyclopentadiene
 Concen: 3.46 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion:237	Resp:	6912
Ion Ratio	Lower	Upper
237	100	
235	59.1	42.6 82.6
272	10.4	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

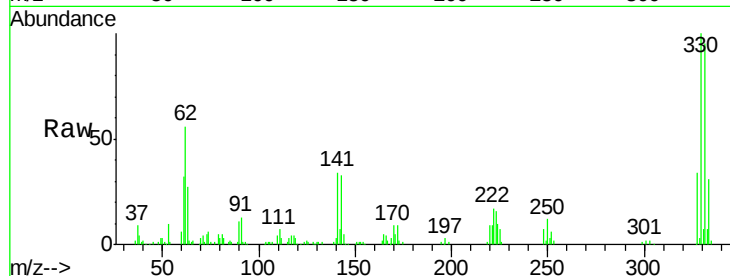




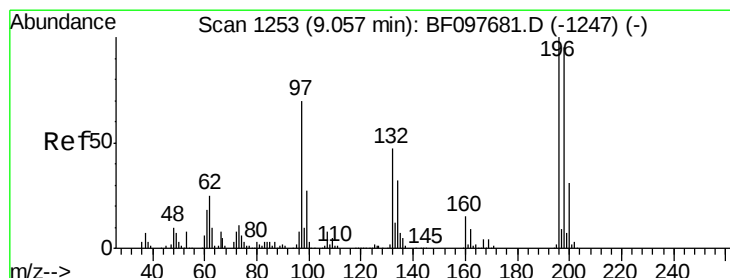
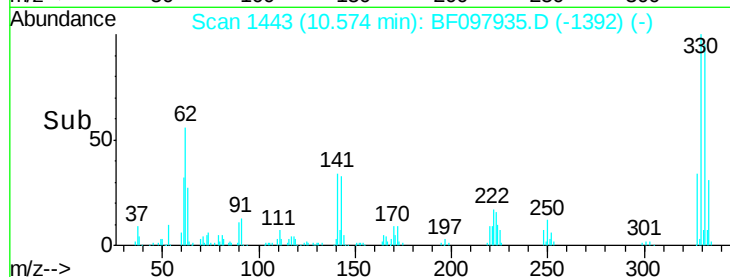
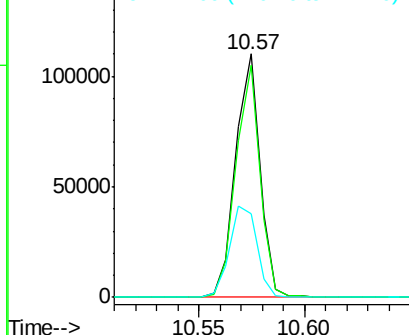
#41
 2,4,6-Tribromophenol
 Concen: 74.78 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 87923
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 115.0
 141 42.1 31.4 47.2

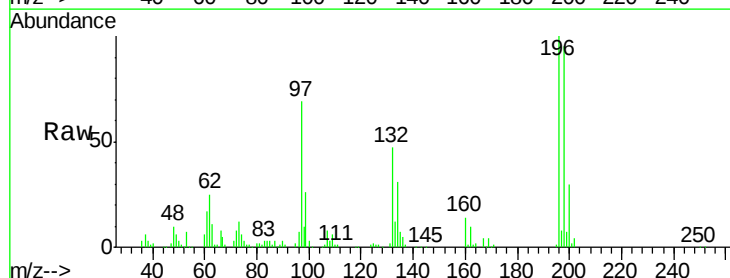


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

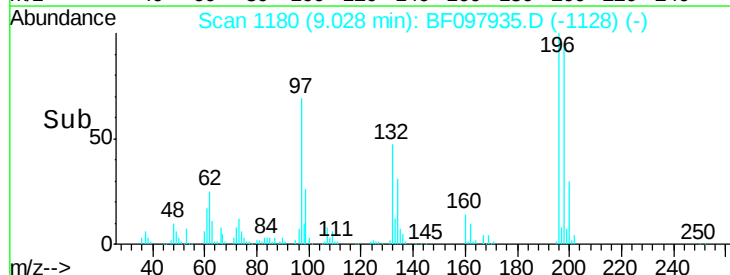
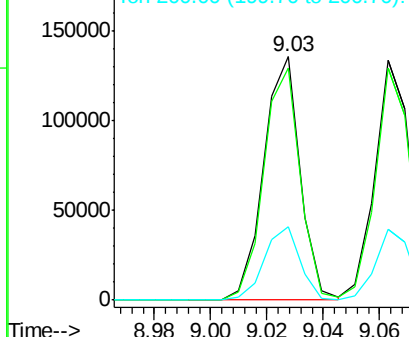


#42
 2,4,6-Trichlorophenol
 Concen: 43.42 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion:196 Resp: 121215
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.2 111.4
 200 30.0 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

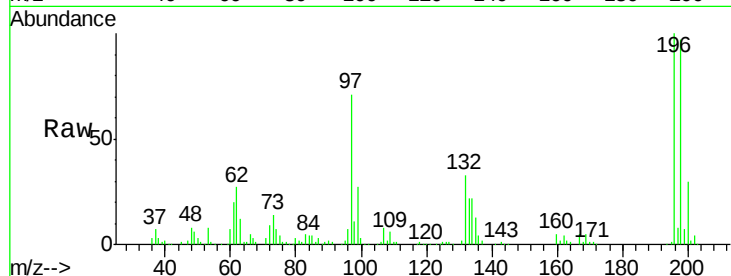




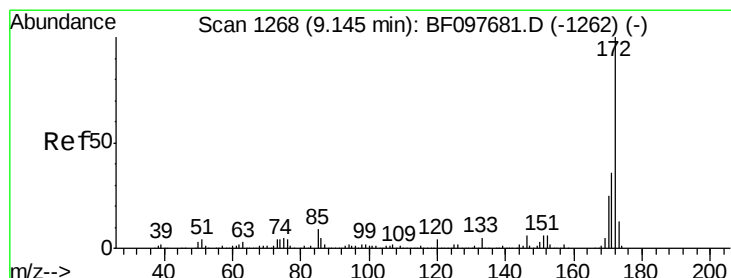
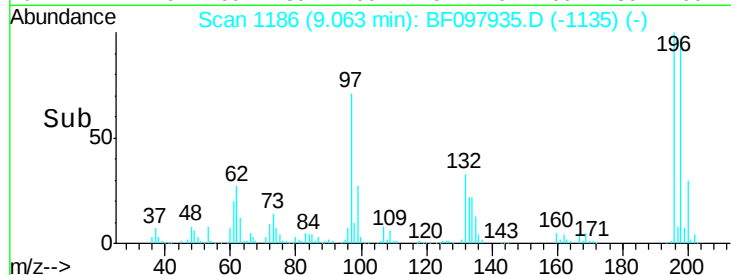
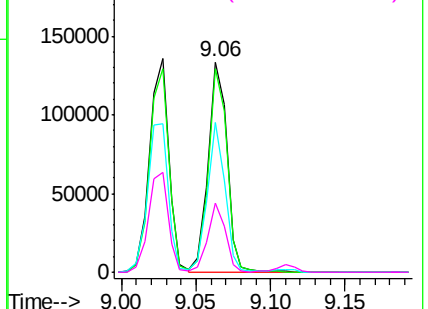
#43
 2,4,5-Trichlorophenol
 Concen: 42.26 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 117044
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 97 71.1 47.7 71.5
 132 32.8 28.0 42.0

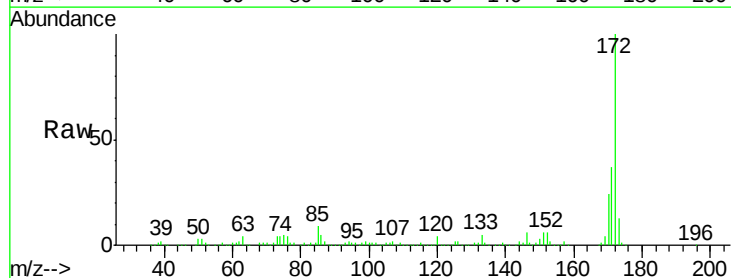


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

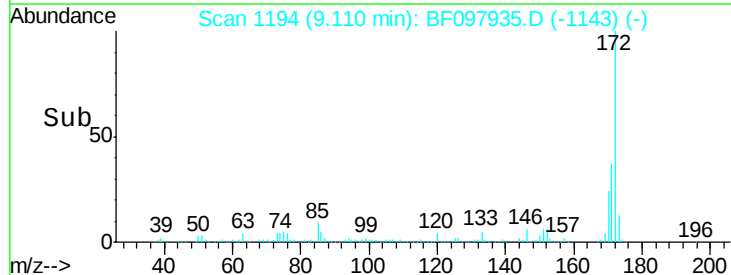
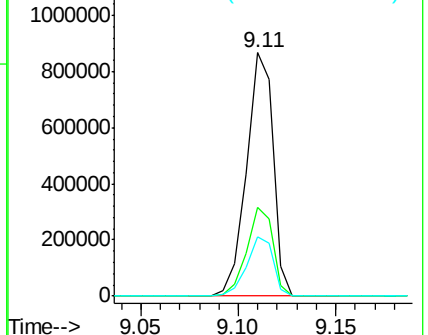


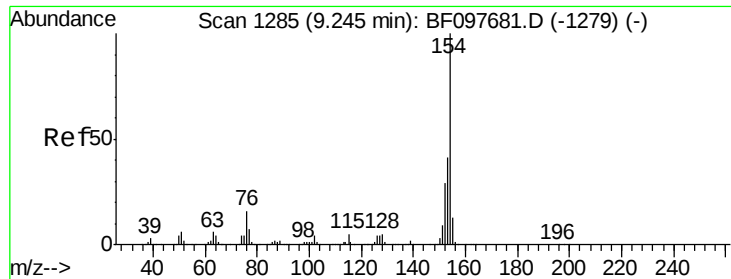
#44
 2-Fluorobiphenyl
 Concen: 88.83 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion:172 Resp: 819252
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.4 19.8 29.8



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

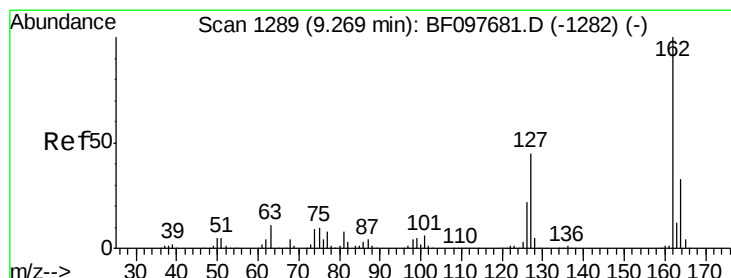
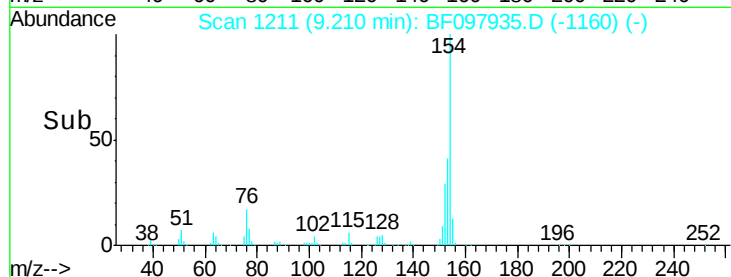
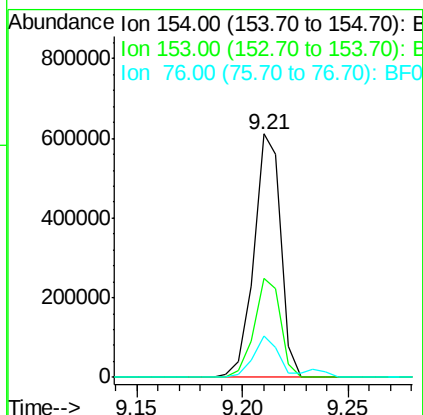
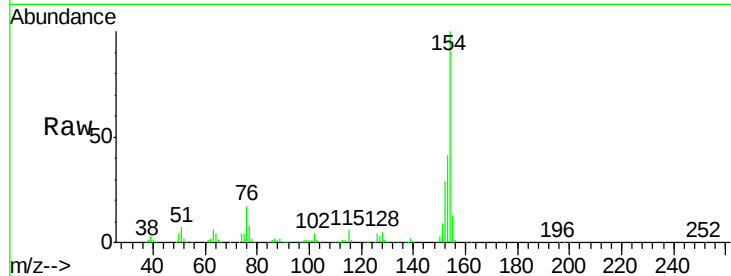




#45
 1,1'-Biphenyl
 Concen: 43.77 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

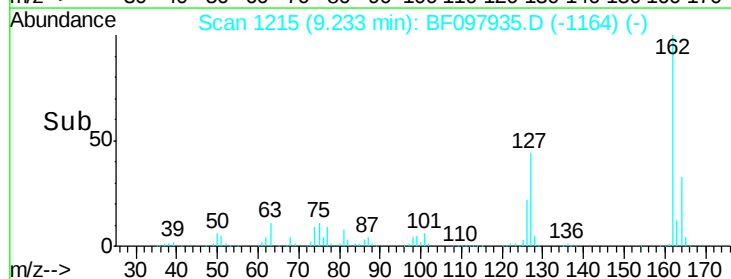
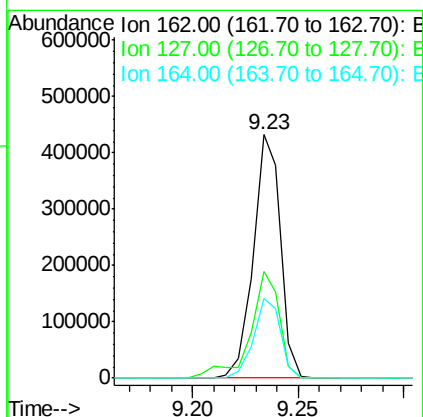
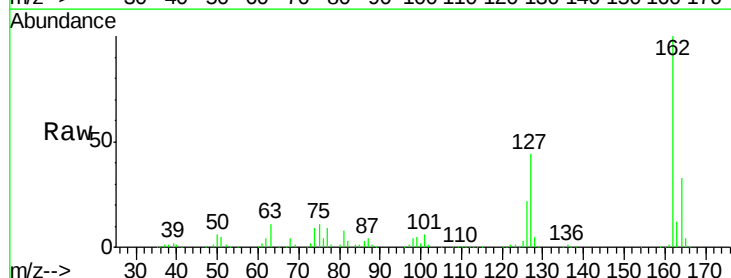
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

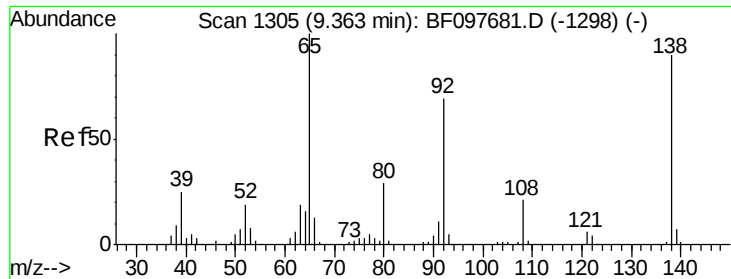
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	16.9	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 42.14 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.0	28.3	42.5#
164	32.5	27.0	40.4

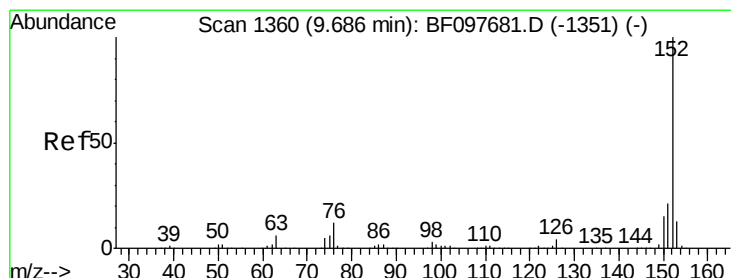
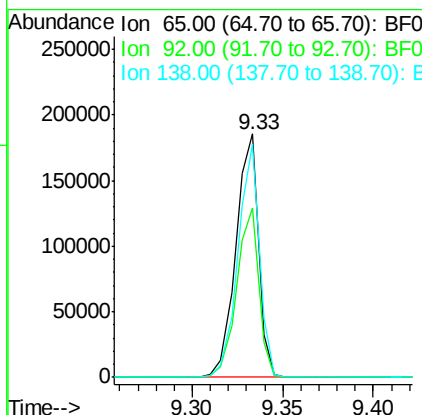
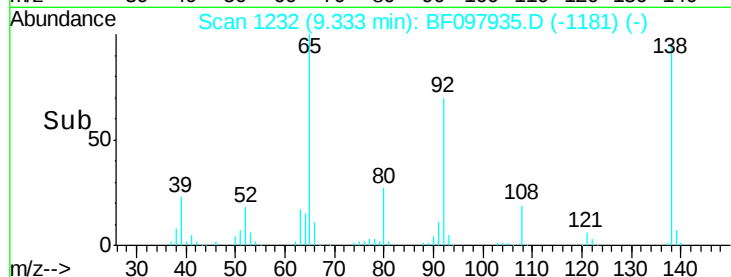
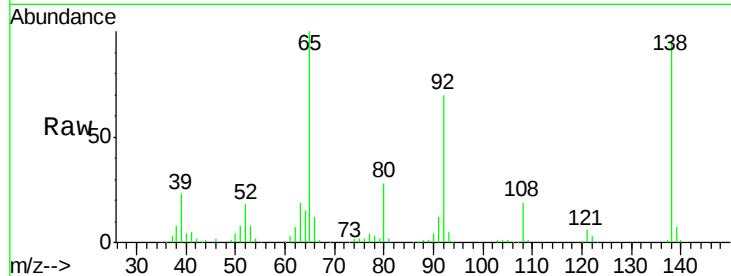




#47
 2-Nitroaniline
 Concen: 52.79 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

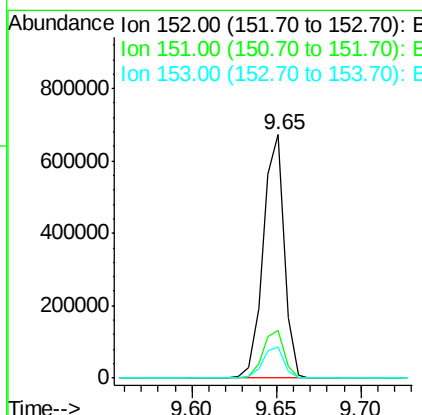
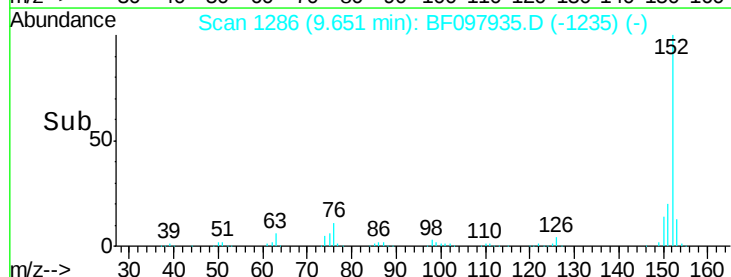
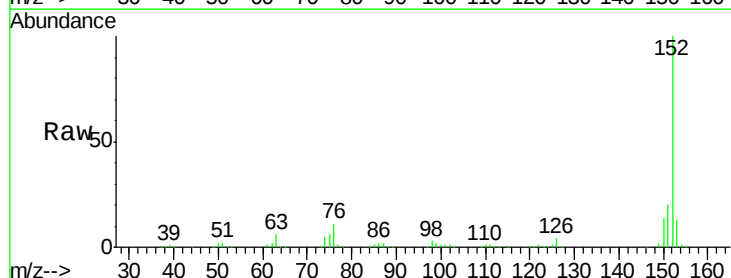
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

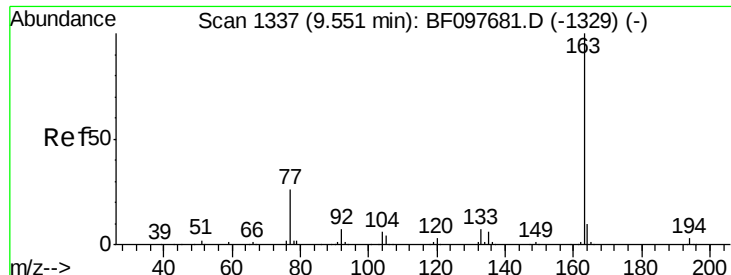
Tot Ion: 65 Resp: 161578
 Ion Ratio Lower Upper
 65 100
 92 69.6 53.9 80.9
 138 95.8 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.45 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion: 152 Resp: 580022
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.8 25.2
 153 12.6 10.8 16.2

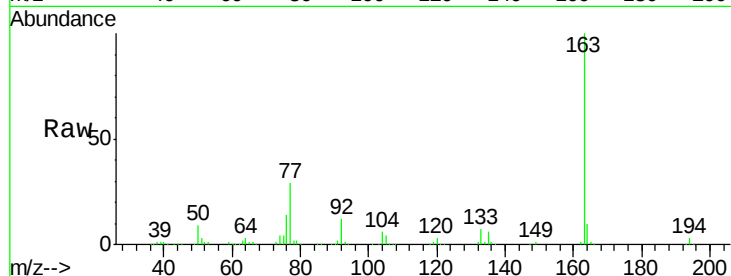




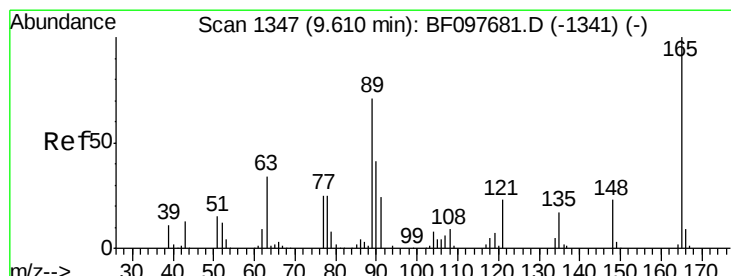
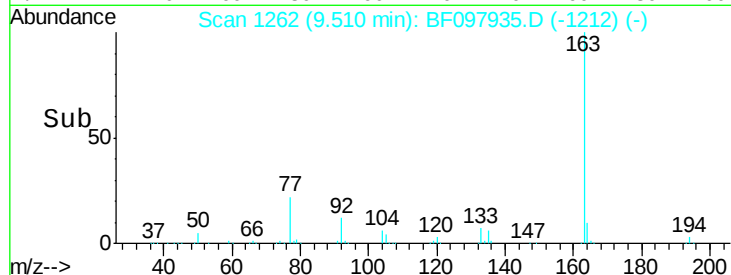
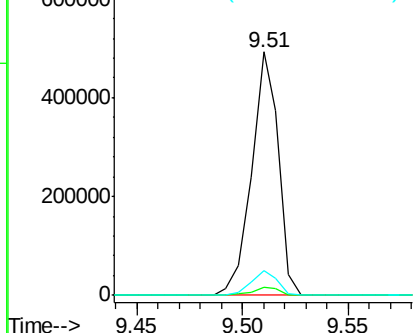
#49
Dimethylphthalate
Concen: 43.56 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 431451
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.4 12.6

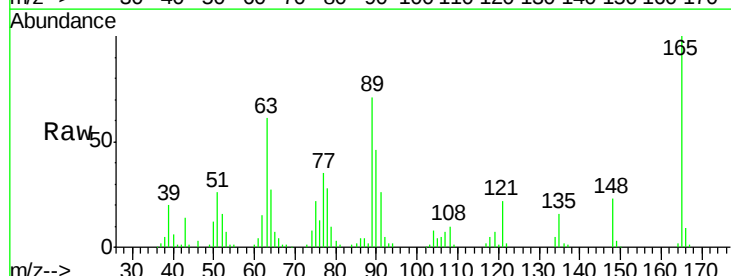


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

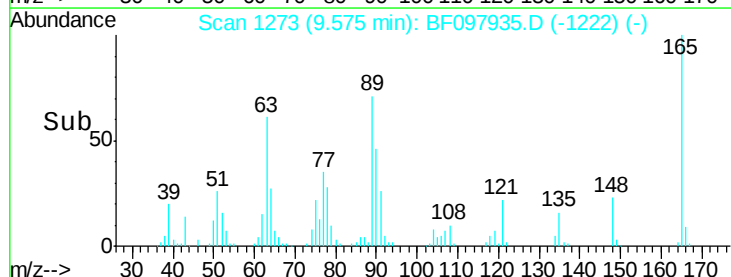
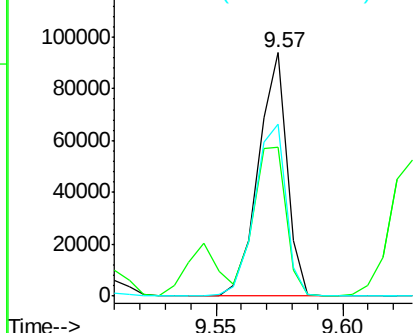


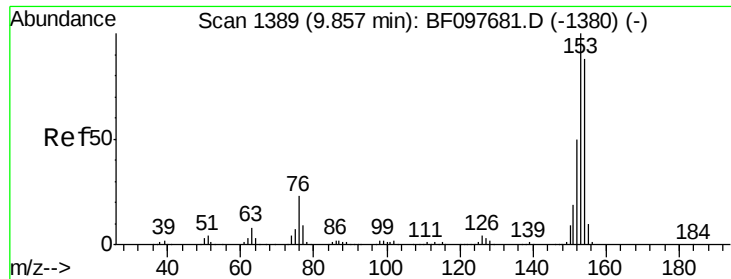
#50
2,6-Dinitrotoluene
Concen: 37.68 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion:165 Resp: 74494
Ion Ratio Lower Upper
165 100
63 61.1 34.3 51.5#
89 70.6 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: 38.30 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

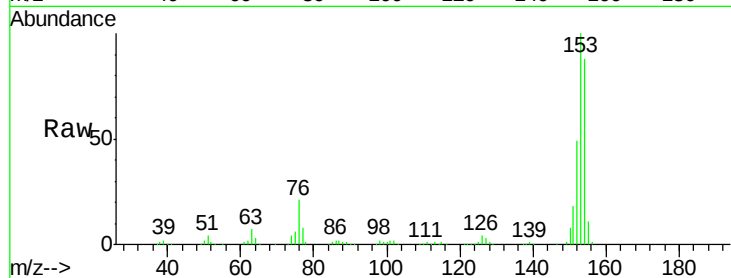
Tot Ion:154 Resp: 346290

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

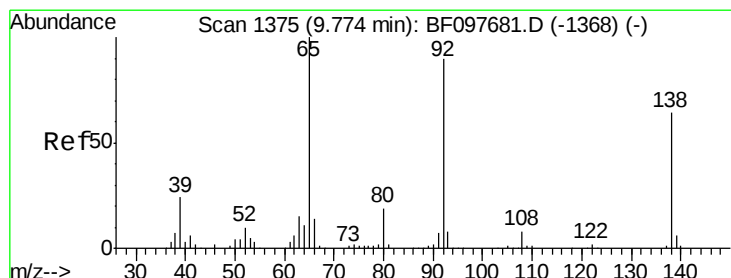
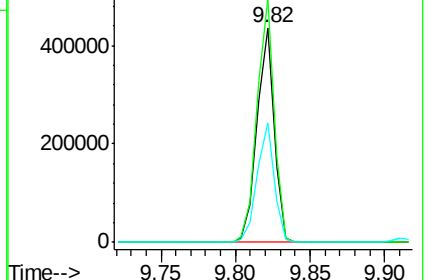
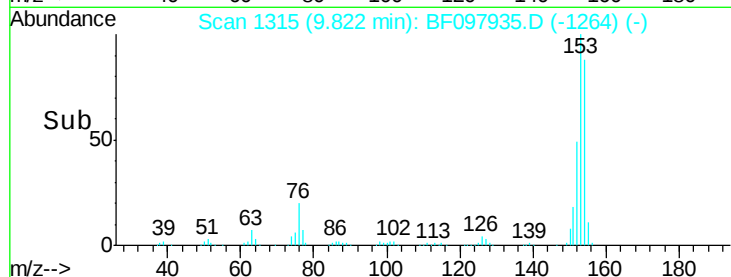
152 55.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.98 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

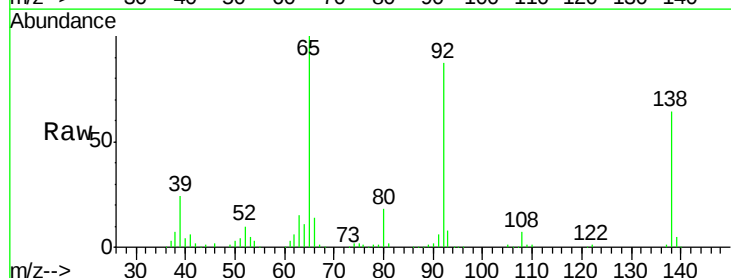
Tgt Ion:138 Resp: 124931

Ion Ratio Lower Upper

138 100

108 11.6 9.1 13.7

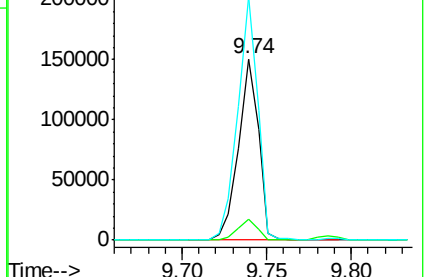
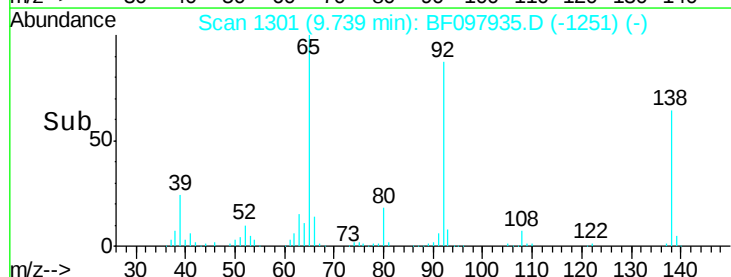
92 134.6 93.8 140.6

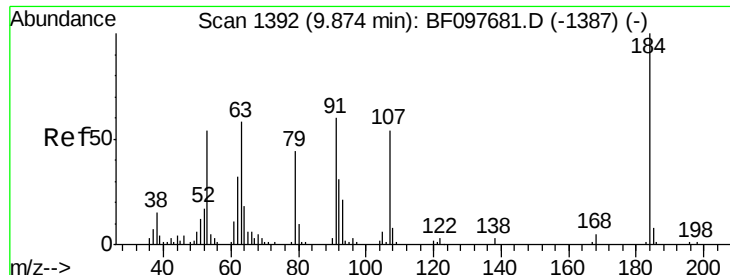


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

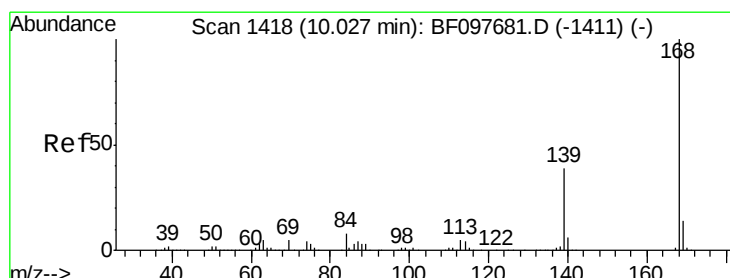
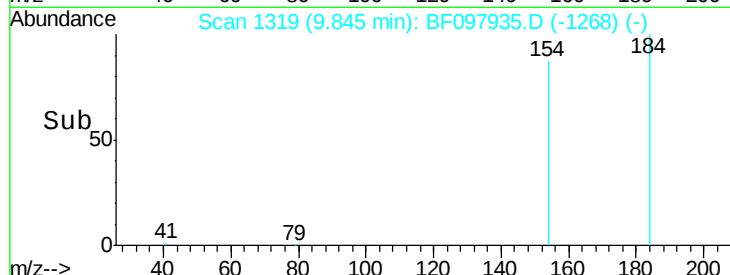
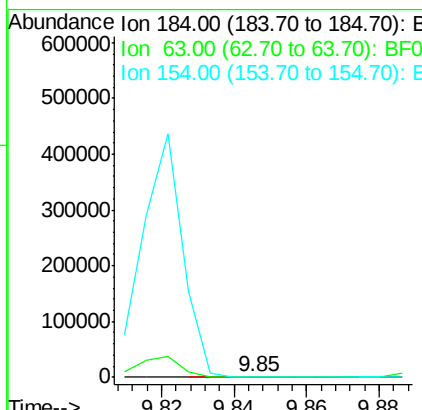
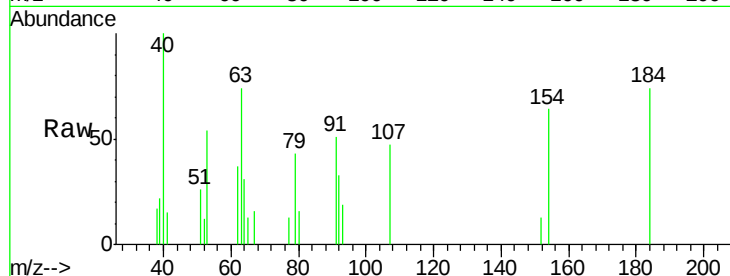




#53
 2,4-Dinitrophenol
 Concen: 11.67 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

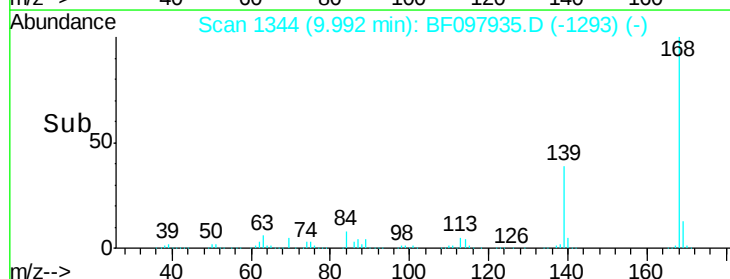
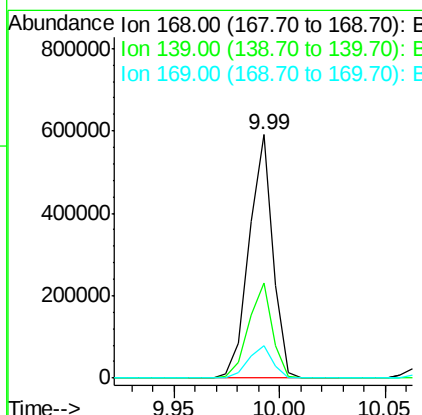
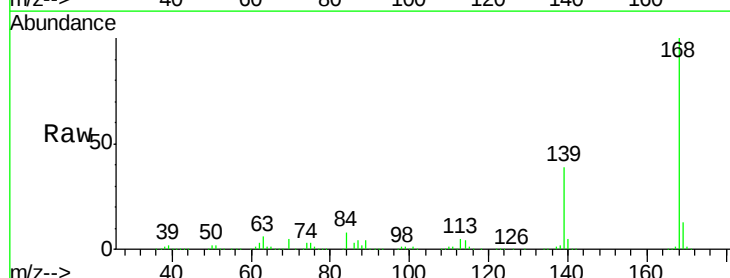
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

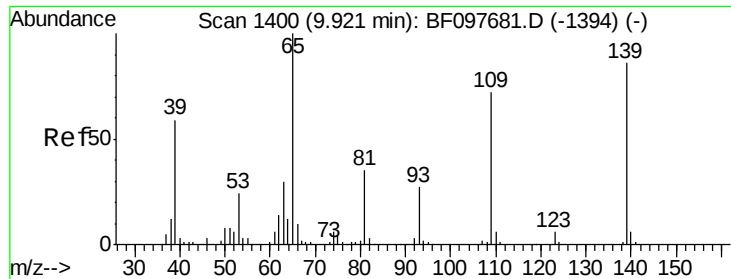
Tot Ion:184 Resp: 1650
 Ion Ratio Lower Upper
 184 100
 63 99.1 62.7 94.1#
 154 86.6 81.1 121.7



#54
 Dibenzofuran
 Concen: 38.10 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion:168 Resp: 461754
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 13.3 10.8 16.2

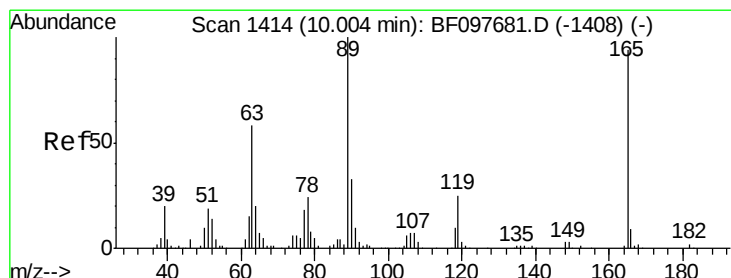
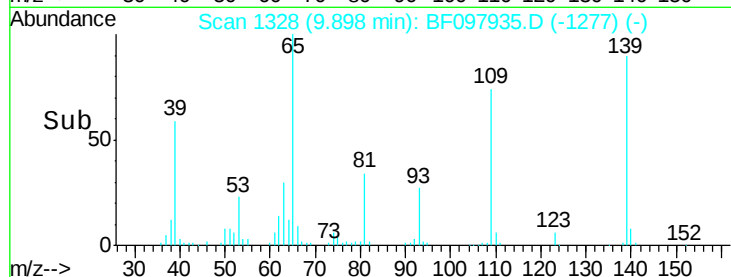
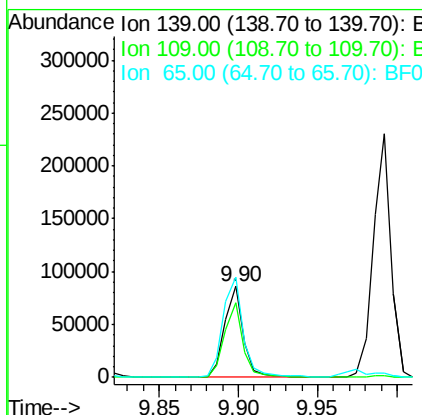
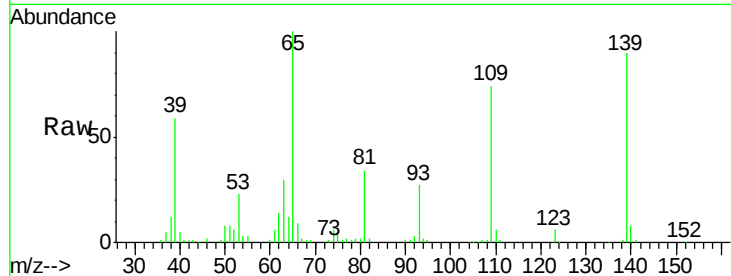




#55
4-Nitrophenol
Concen: 35.08 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

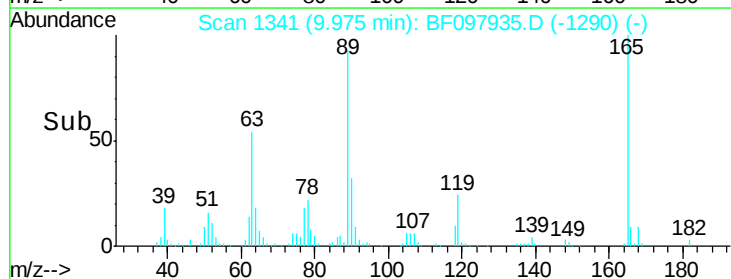
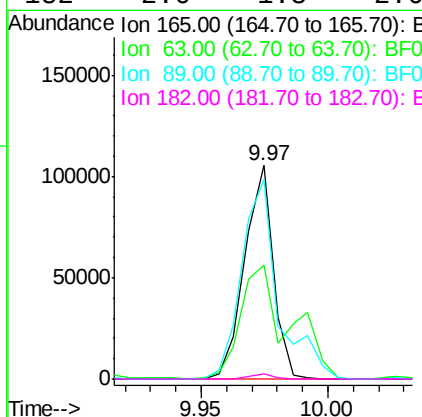
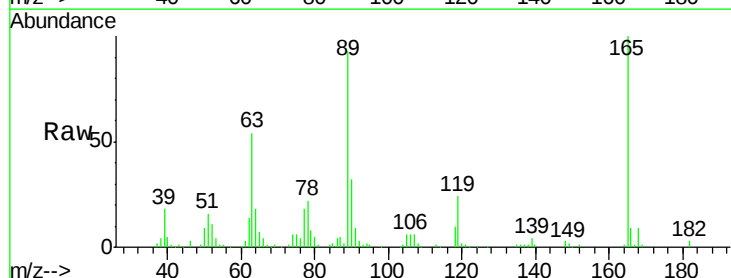
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

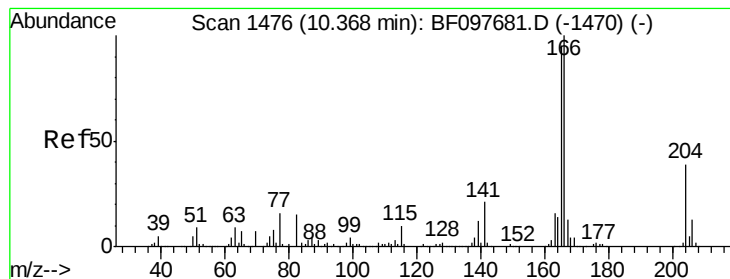
Tot Ion:139 Resp: 71384
Ion Ratio Lower Upper
139 100
109 82.5 34.1 74.1#
65 110.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 33.47 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion:165 Resp: 83053
Ion Ratio Lower Upper
165 100
63 53.6 25.4 38.0#
89 93.4 46.4 69.6#
182 2.6 1.8 2.6





#57

Fluorene

Concen: 38.08 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

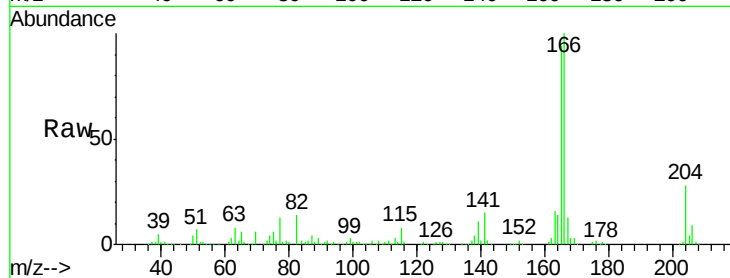
Tot Ion:166 Resp: 356841

Ion Ratio Lower Upper

166 100

165 94.4 78.8 118.2

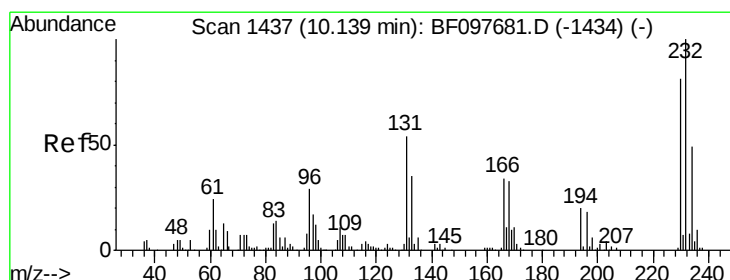
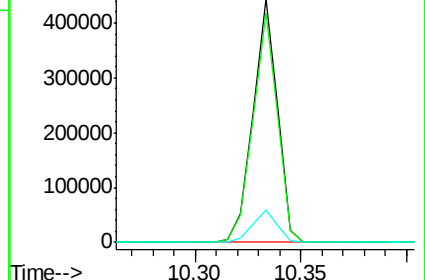
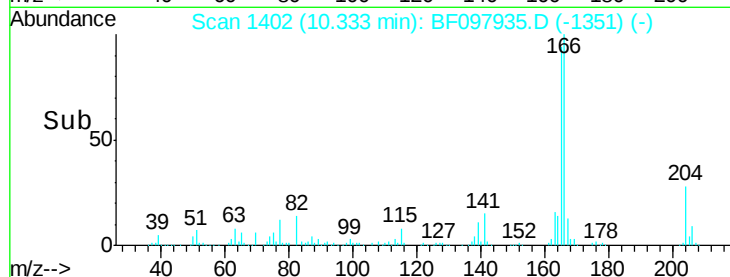
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.23 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Tgt Ion:232 Resp: 79849

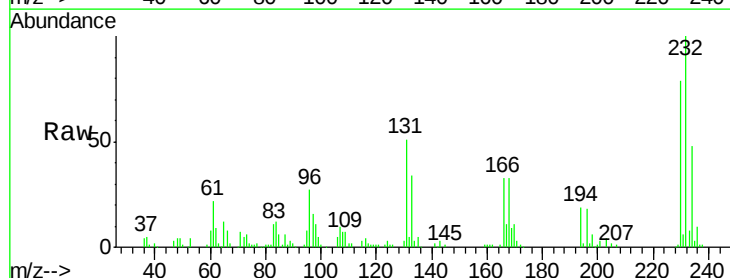
Ion Ratio Lower Upper

232 100

131 53.6 44.8 67.2

130 2.7 2.3 3.5

166 33.6 29.0 43.4

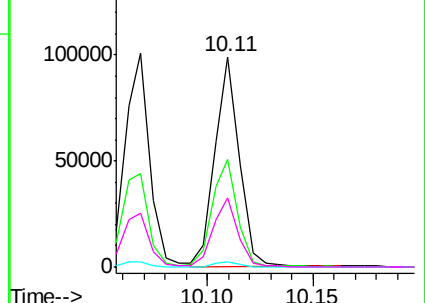
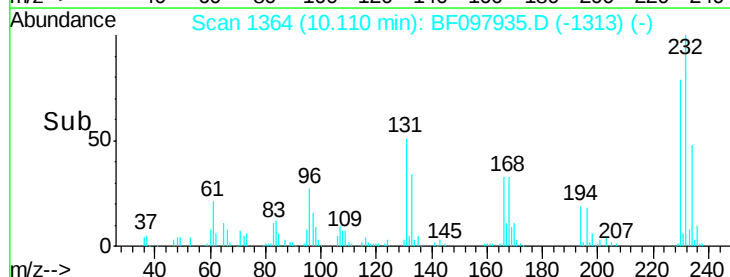


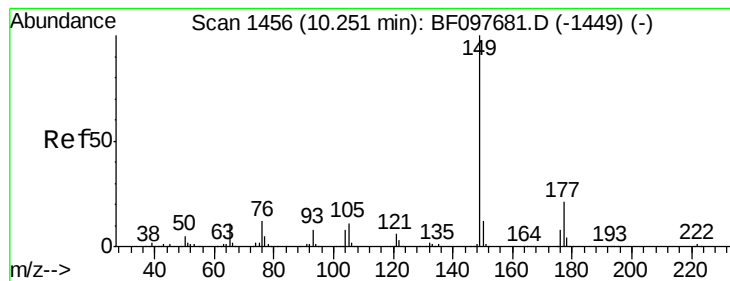
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.15 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

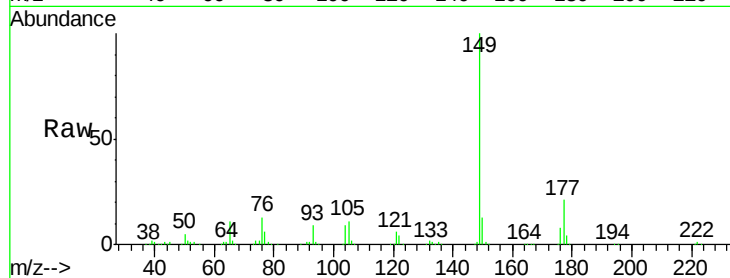
Tot Ion:149 Resp: 415847

Ion Ratio Lower Upper

149 100

177 20.7 16.7 25.1

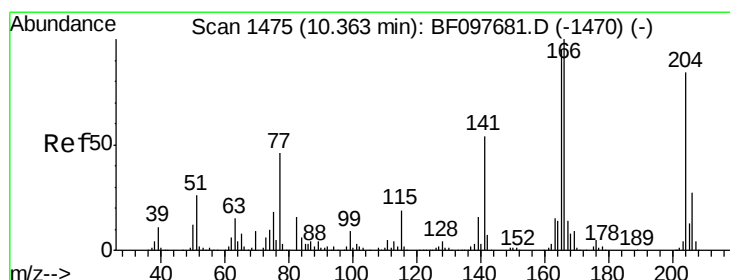
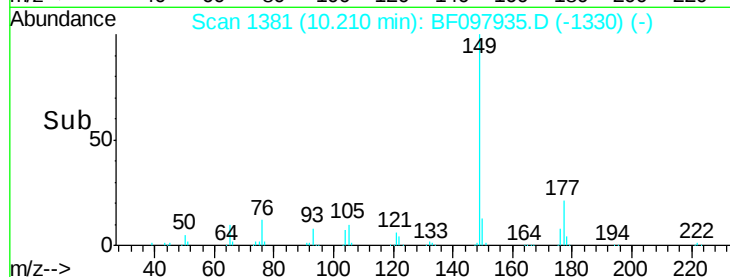
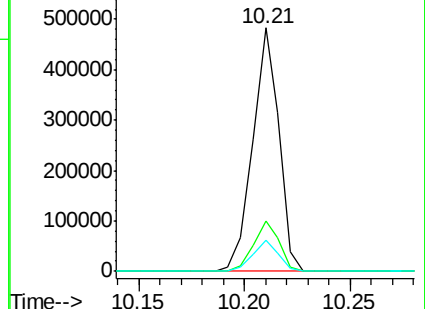
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.23 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

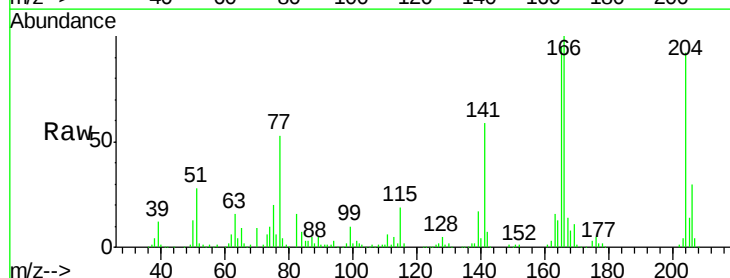
Tgt Ion:204 Resp: 170773

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

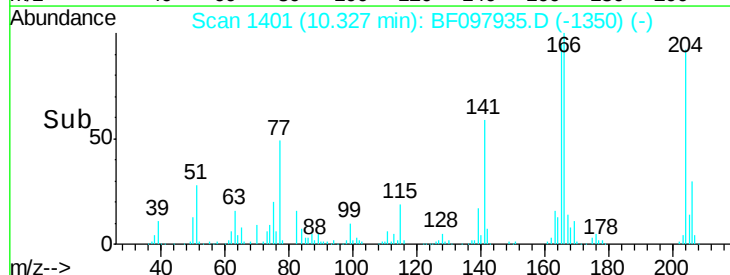
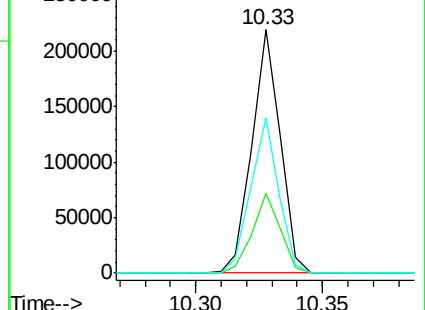
141 63.8 60.8 91.2

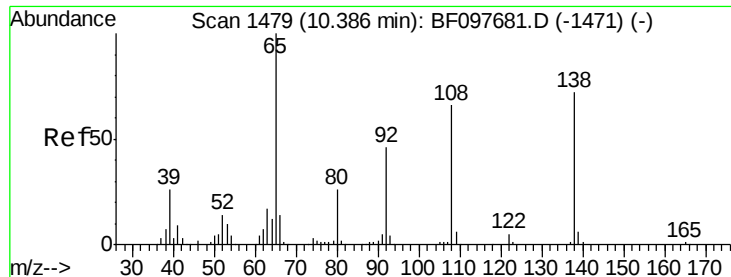


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

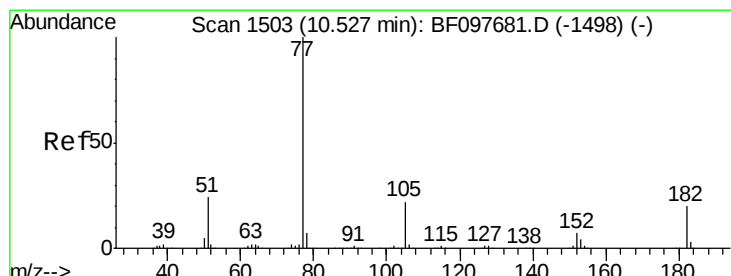
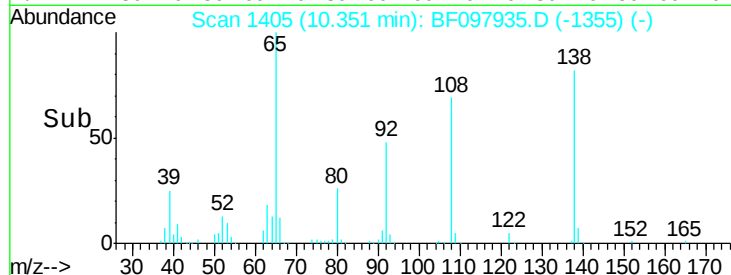
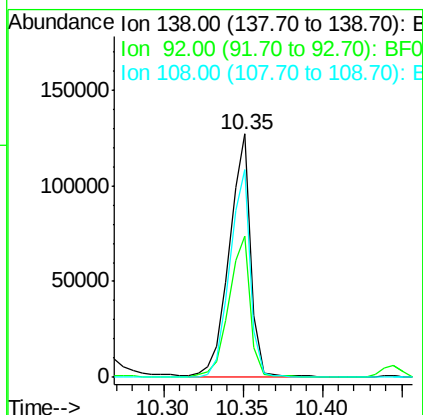
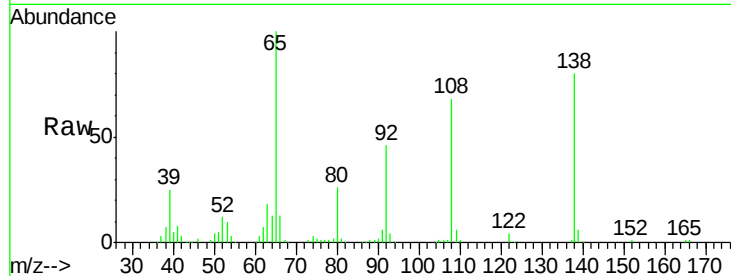




#61
4-Nitroaniline
Concen: 49.55 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

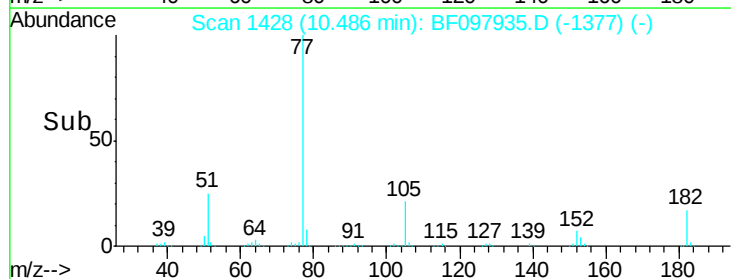
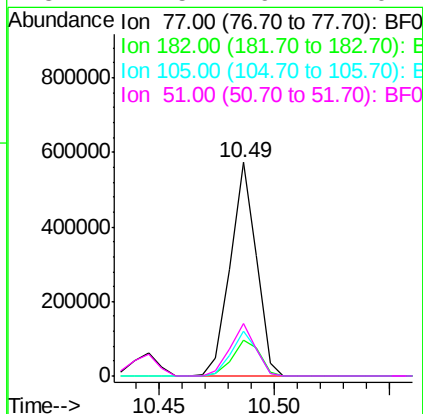
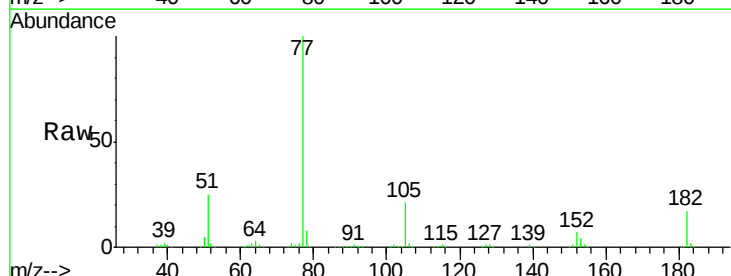
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

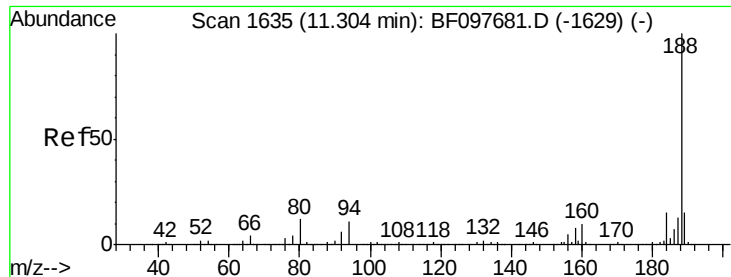
Tot Ion:138 Resp: 120130
Ion Ratio Lower Upper
138 100
92 58.3 21.8 61.8
108 85.3 42.3 82.3#



#62
Azobenzene
Concen: 36.46 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion: 77 Resp: 448568
Ion Ratio Lower Upper
77 100
182 17.1 0.1 40.1
105 20.7 3.6 43.6
51 24.5 9.4 49.4

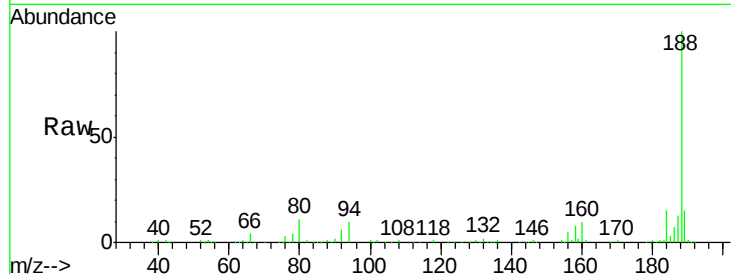




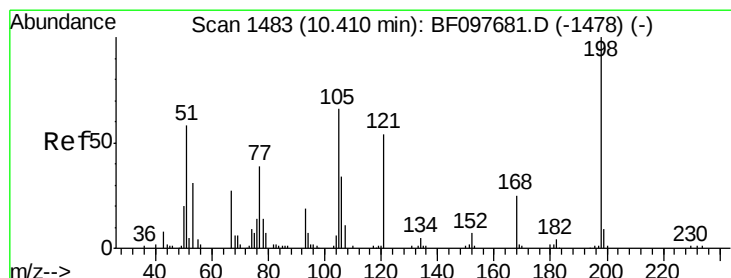
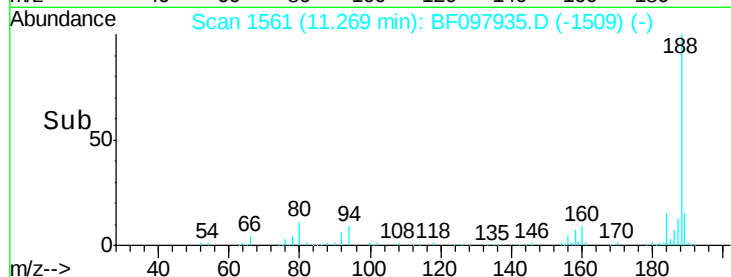
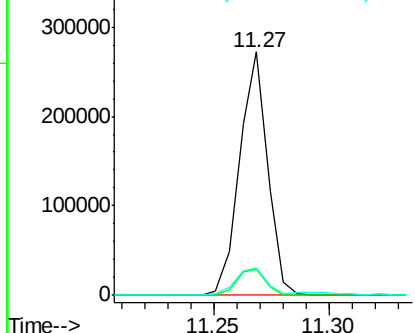
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 229663
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.3 10.2 15.2

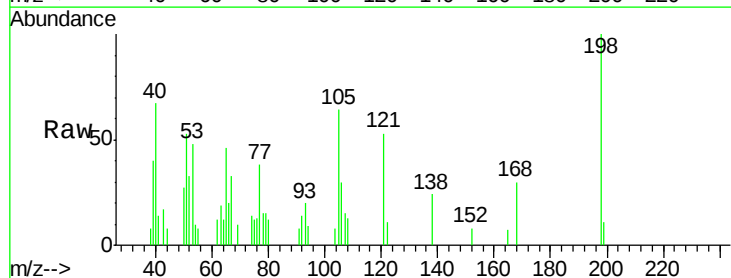


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

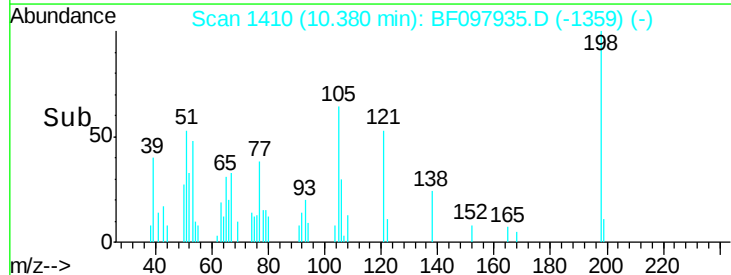
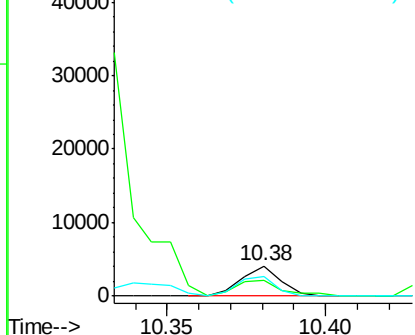


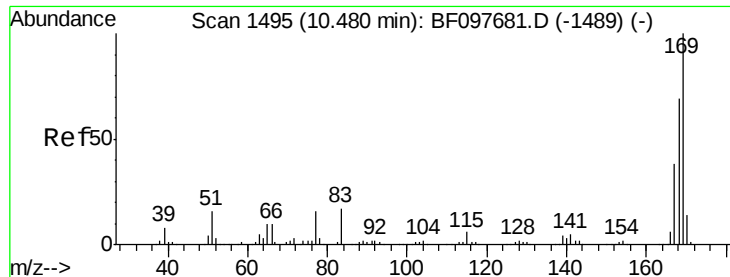
#64
4,6-Dinitro-2-methylphenol
Concen: 10.98 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion:198 Resp: 3480
Ion Ratio Lower Upper
198 100
51 53.5 53.2 93.2
105 63.6 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

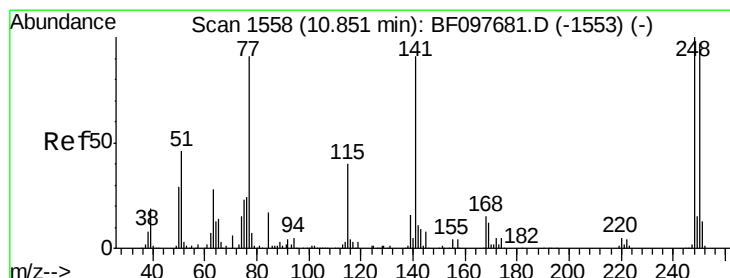
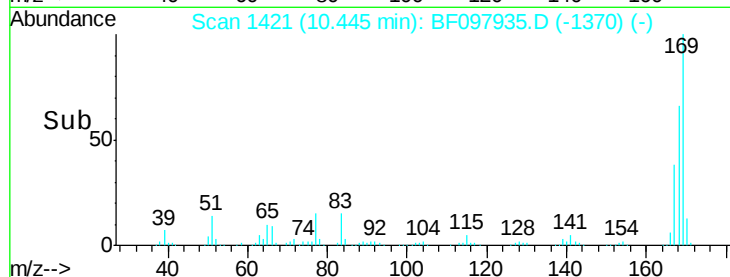
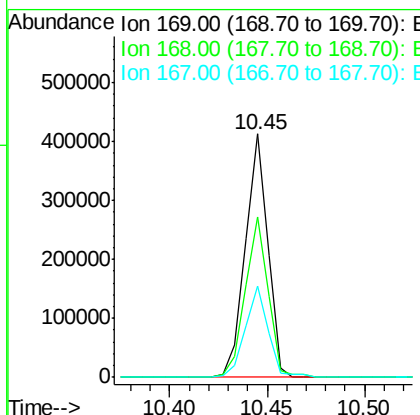
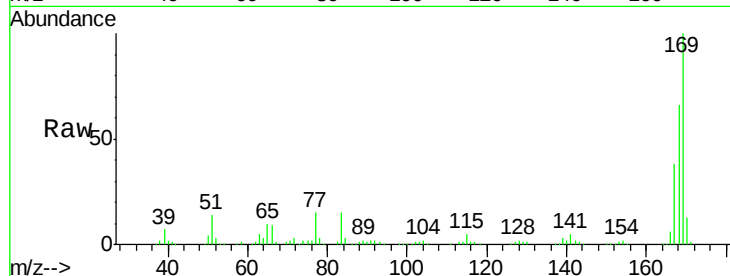




#65
n-Nitrosodiphenylamine
Concen: 42.20 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

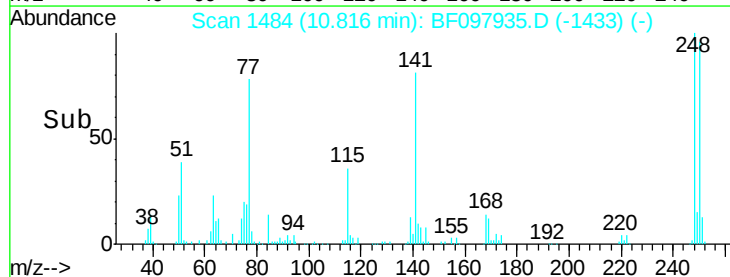
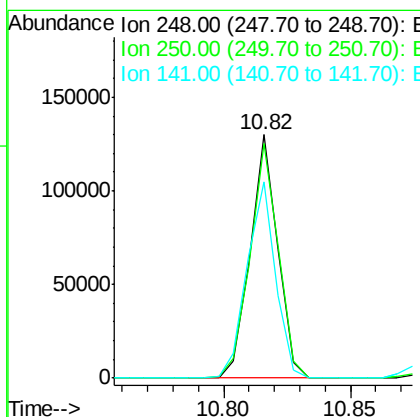
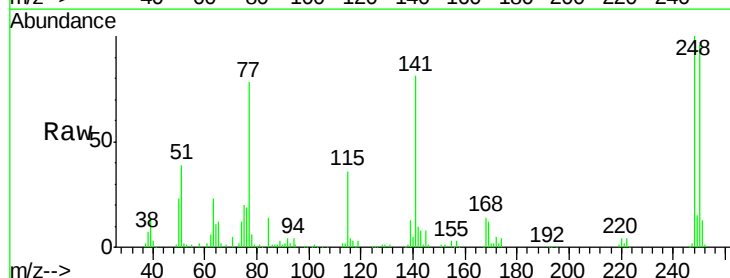
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 330017
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 37.6 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 41.15 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion:248 Resp: 98130
Ion Ratio Lower Upper
248 100
250 96.2 76.8 115.2
141 80.8 68.6 103.0

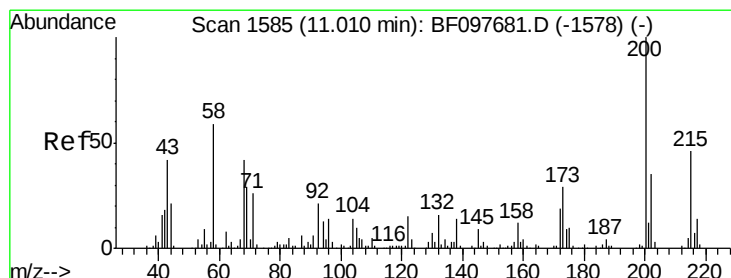
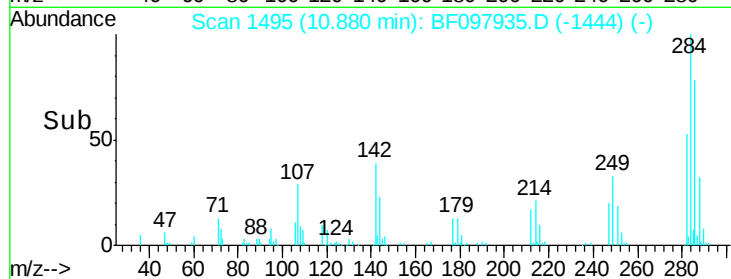
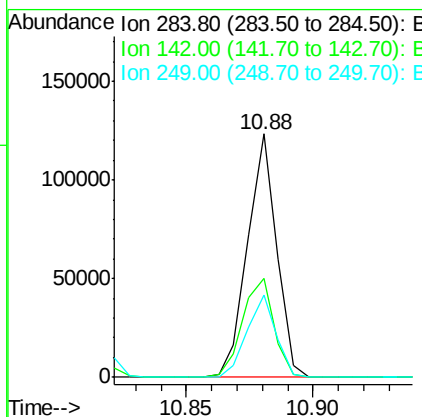
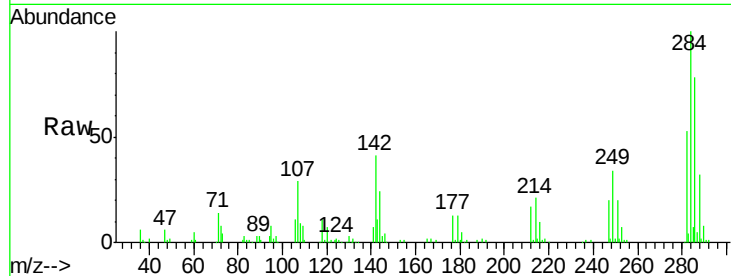




#67
Hexachlorobenzene
Concen: 40.60 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

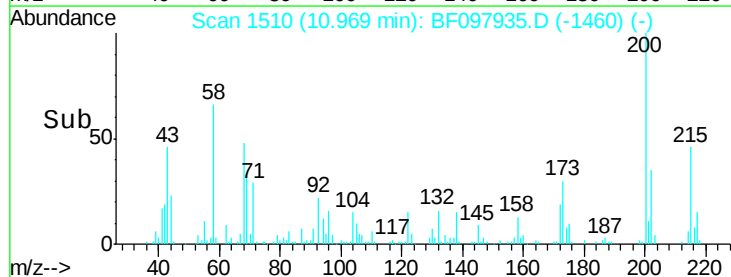
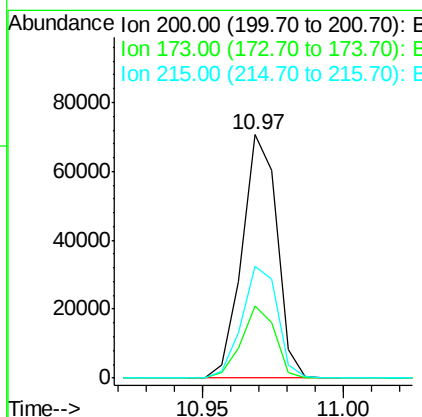
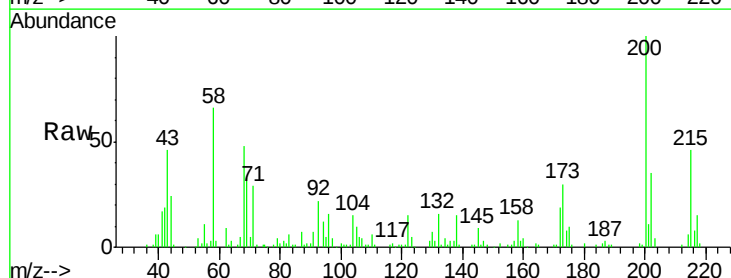
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 98695
Ion Ratio Lower Upper
284 100
142 40.8 22.8 34.2#
249 33.7 24.0 36.0



#68
Atrazine
Concen: 29.19 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion:200 Resp: 60532
Ion Ratio Lower Upper
200 100
173 29.6 6.3 46.3
215 46.2 27.2 67.2

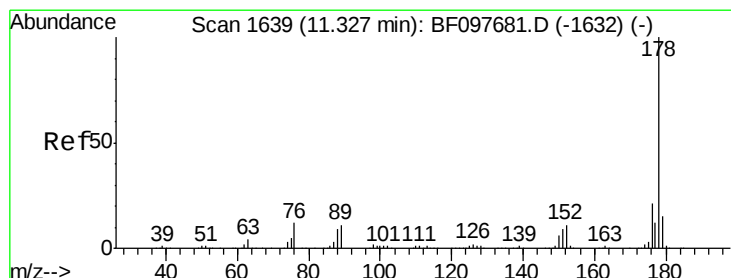
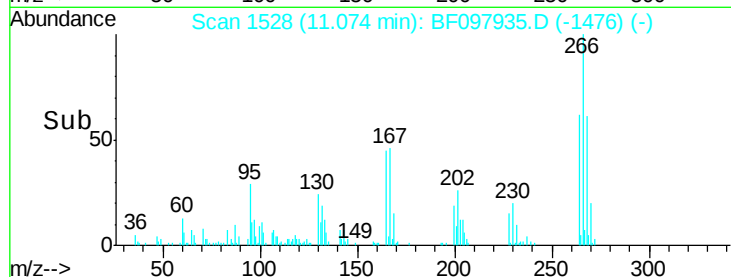
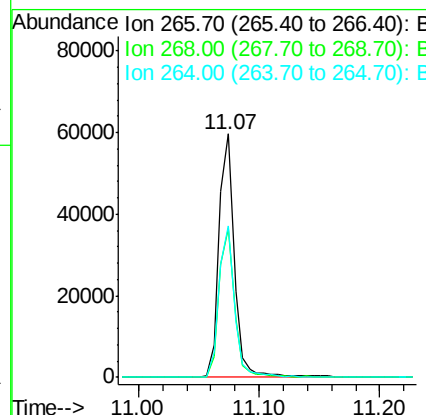
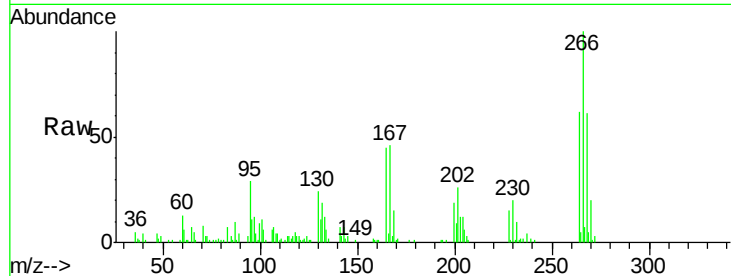




#69
 Pentachlorophenol
 Concen: 36.88 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

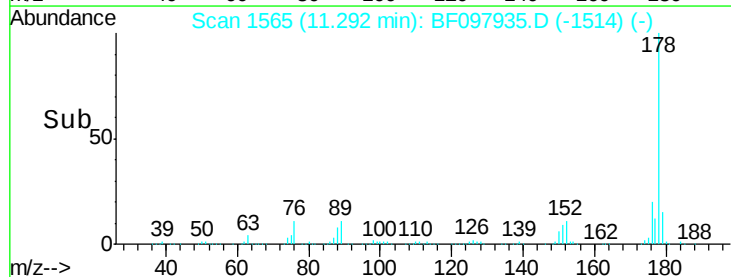
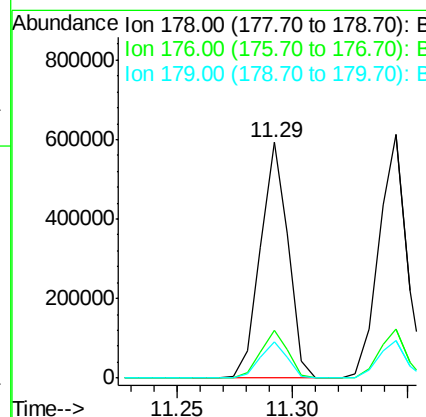
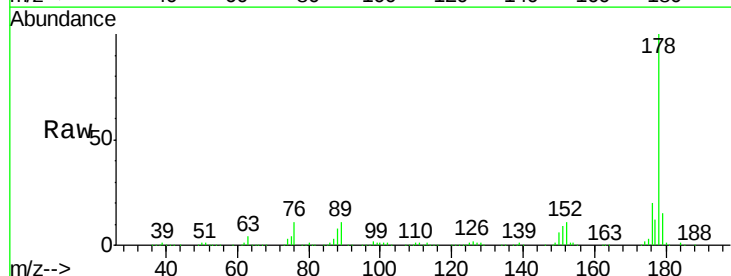
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

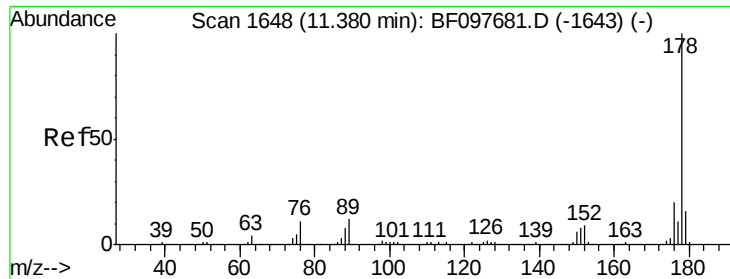
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	62.0	51.7	77.5



#70
 Phenanthrene
 Concen: 40.53 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.2	12.6	19.0

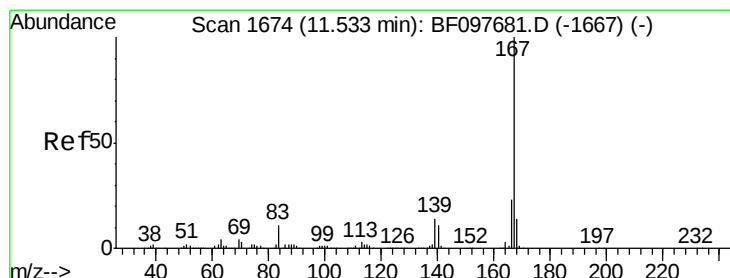
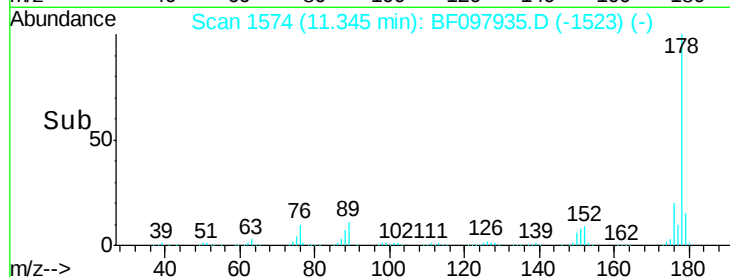
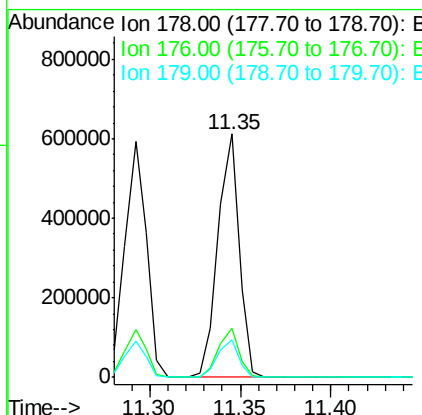
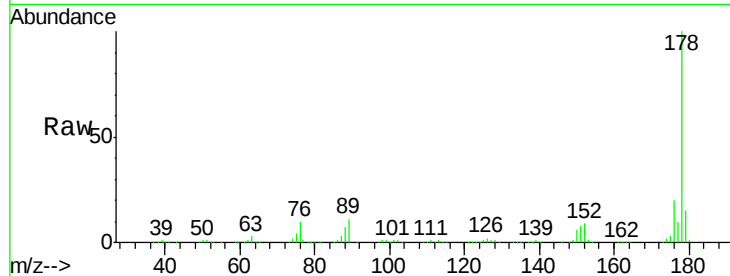




#71
 Anthracene
 Concen: 40.52 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

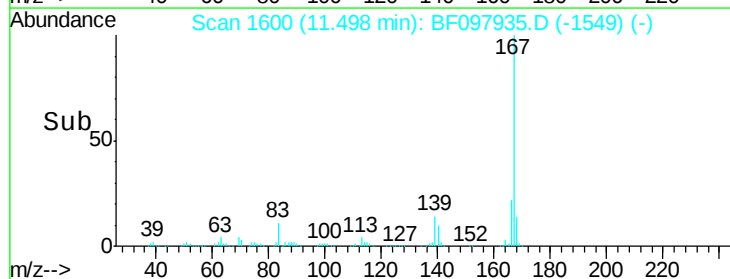
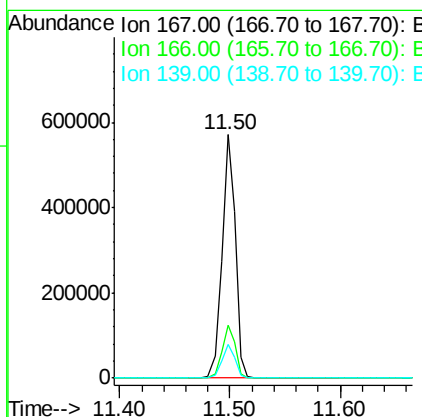
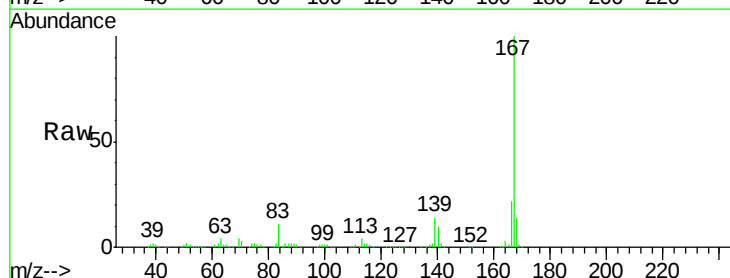
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 503010
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 40.58 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion:167 Resp: 478164
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.15 ng

RT: 11.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

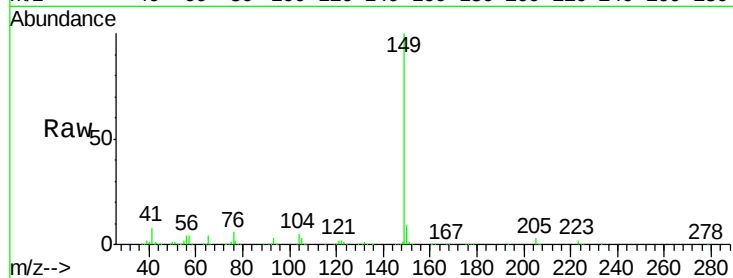
Tot Ion:149 Resp: 572065

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

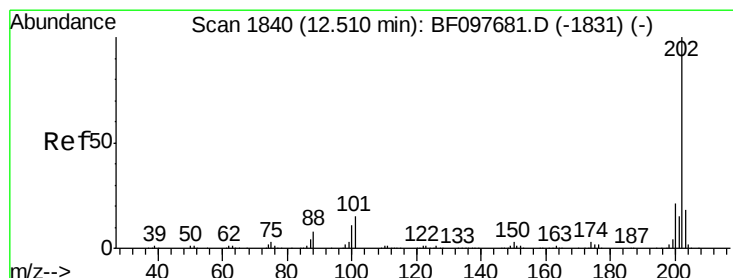
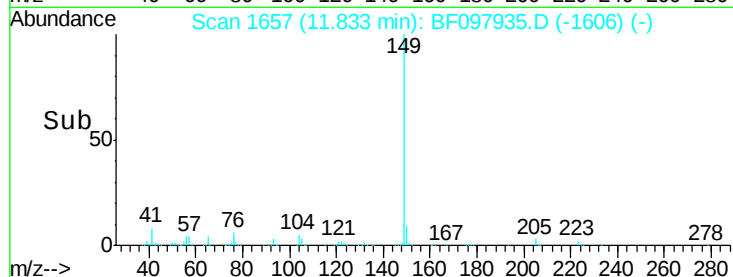
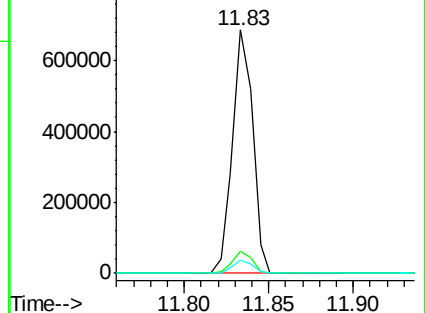
104 5.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.82 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

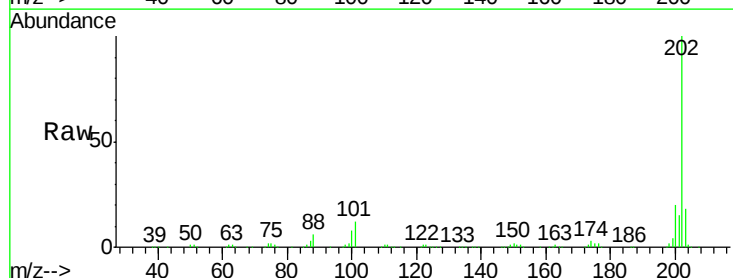
Tgt Ion:202 Resp: 559731

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.2

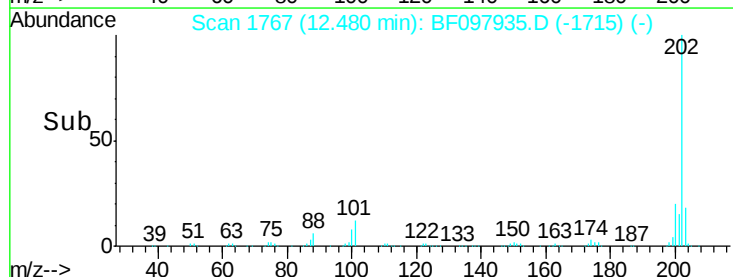
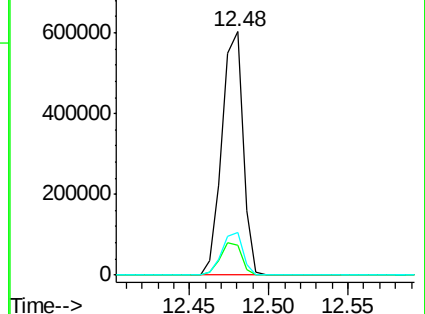
203 17.5 0.0 38.1

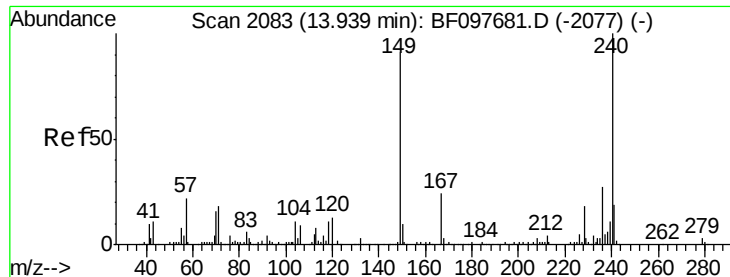


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

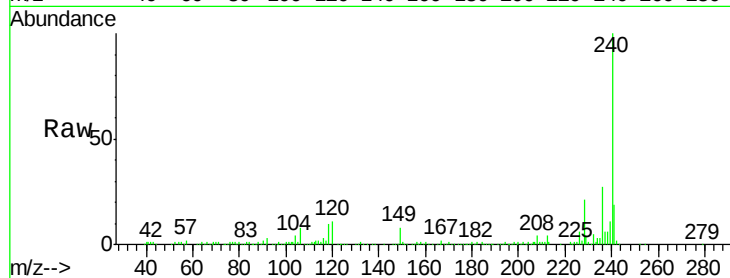
Tot Ion:240 Resp: 190500

Ion Ratio Lower Upper

240 100

120 11.2 5.8 8.8#

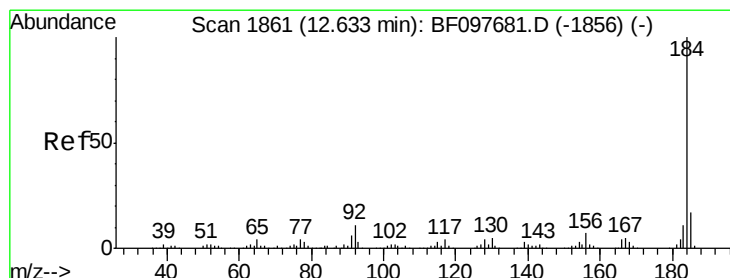
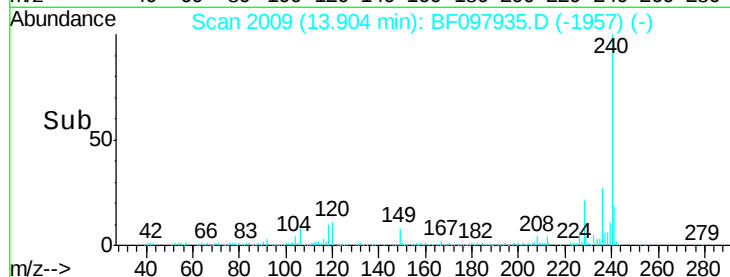
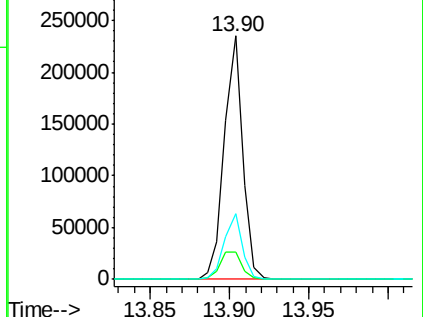
236 27.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.93 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

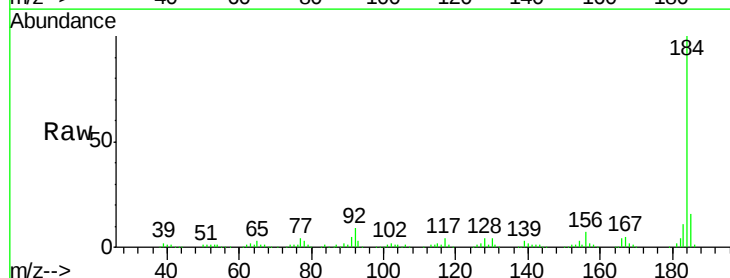
Tgt Ion:184 Resp: 274368

Ion Ratio Lower Upper

184 100

185 15.8 15.5 23.3

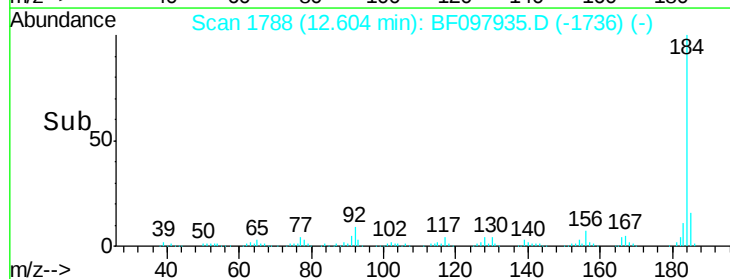
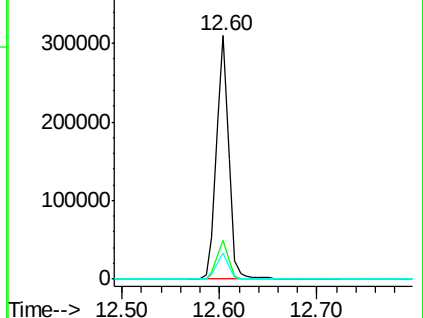
183 10.7 9.8 14.6

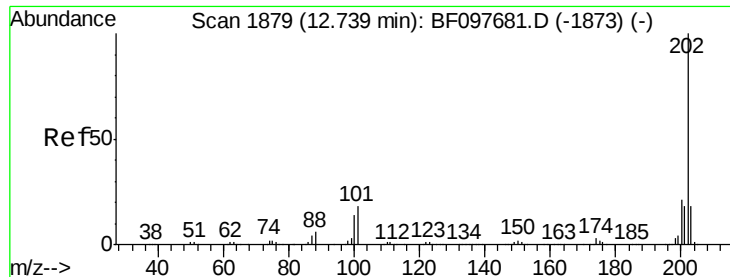


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

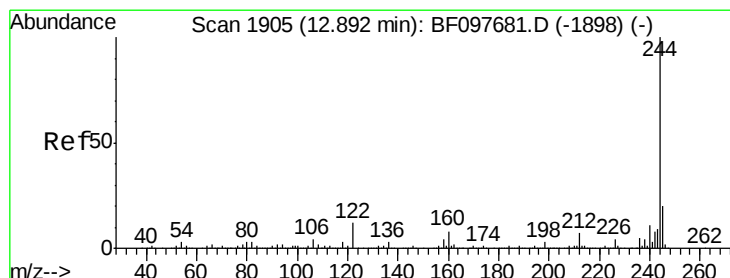
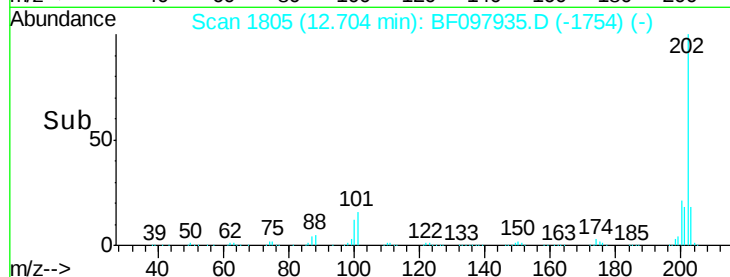
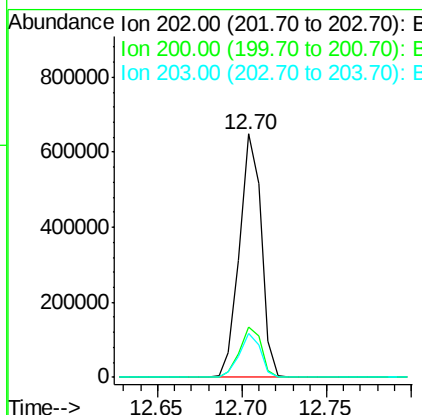
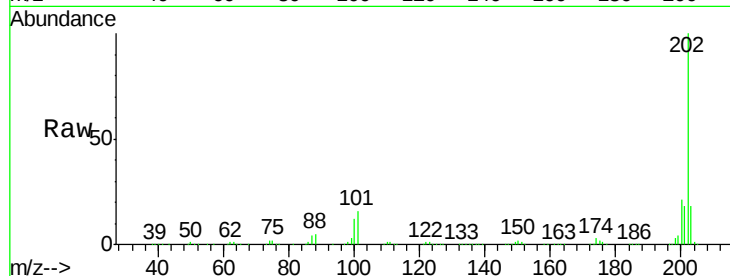




#77
Pvrene
Concen: 37.52 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

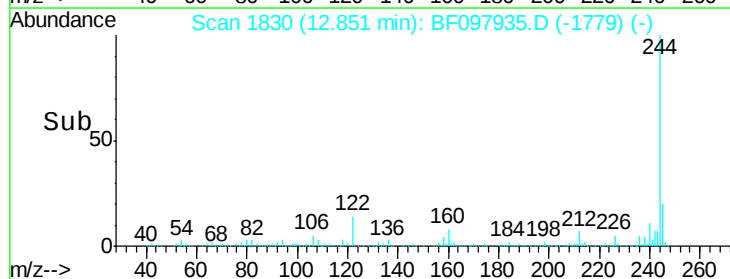
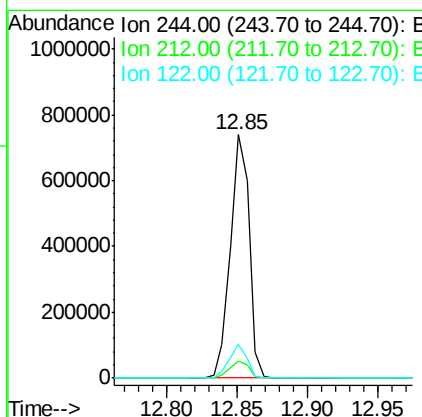
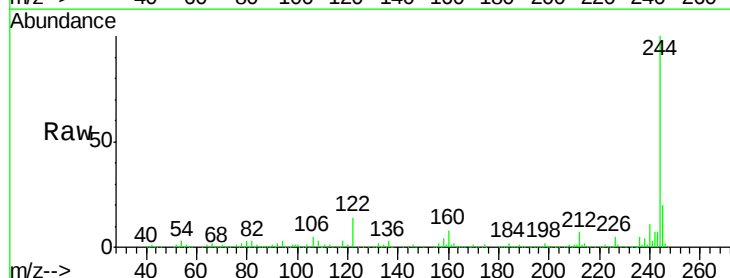
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

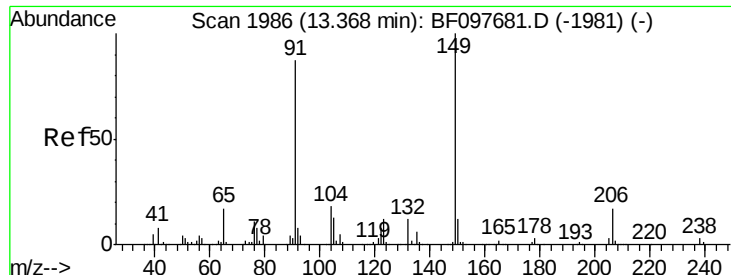
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.9	14.4	21.6



#78
Terphenyl-d14
Concen: 75.23 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

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

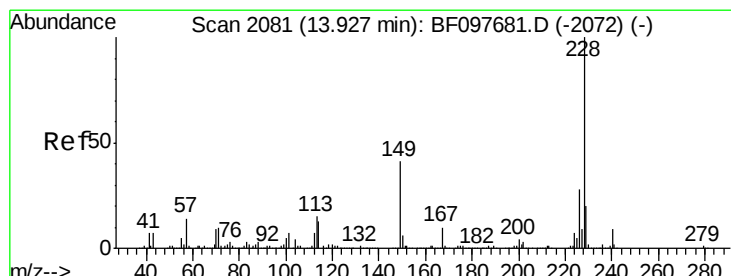
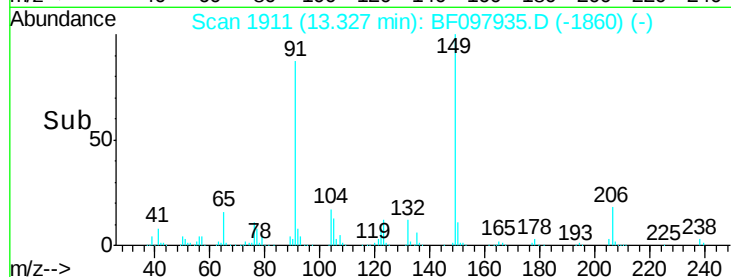
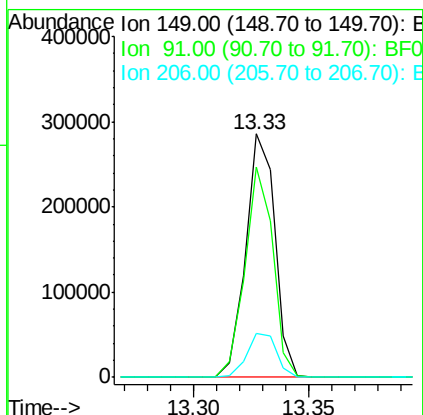
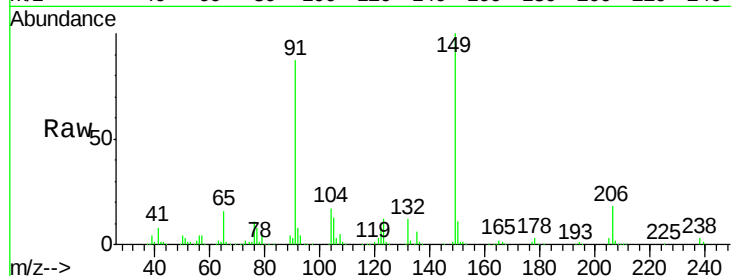




#79
Butylbenzylphthalate
Concen: 42.44 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

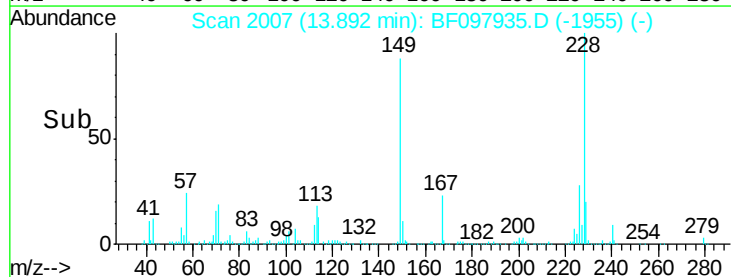
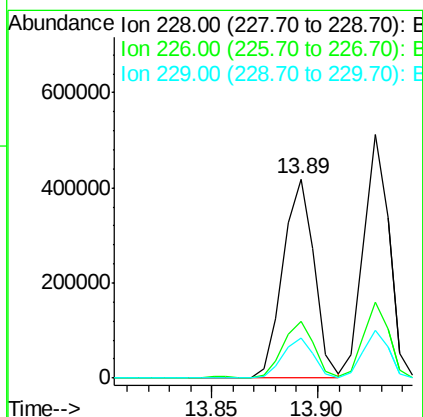
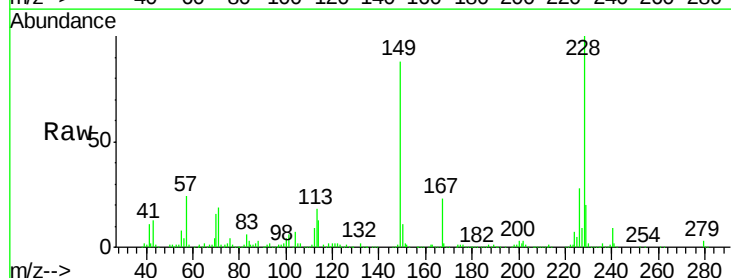
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

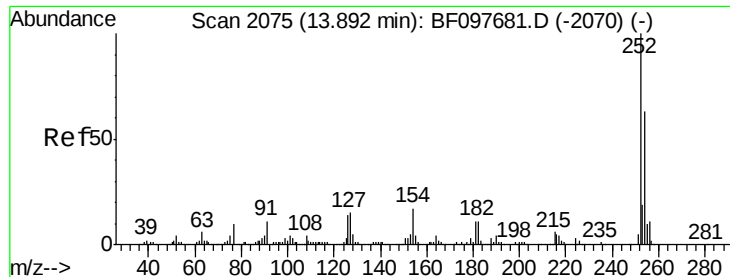
Tot Ion:149 Resp: 253522
Ion Ratio Lower Upper
149 100
91 86.6 45.0 67.4#
206 17.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 37.88 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion:228 Resp: 432502
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.1 16.3 24.5

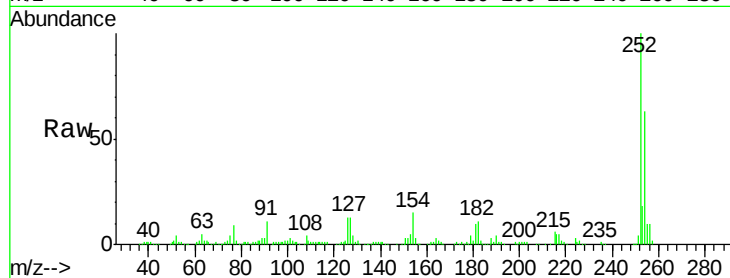




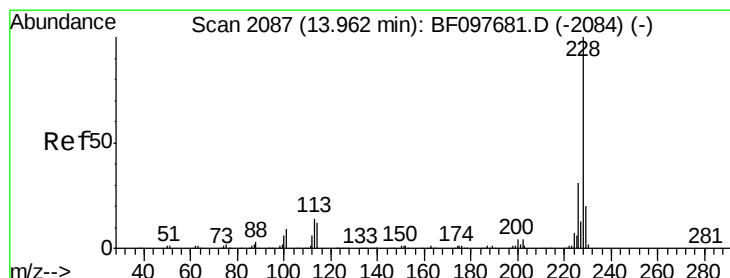
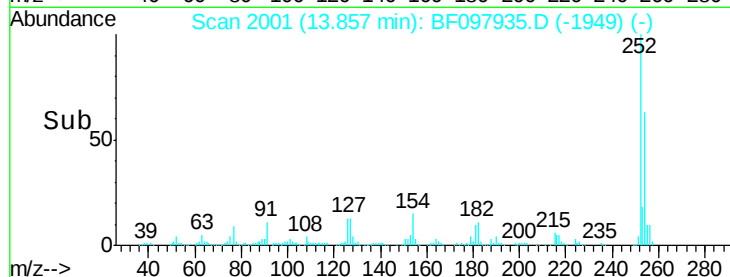
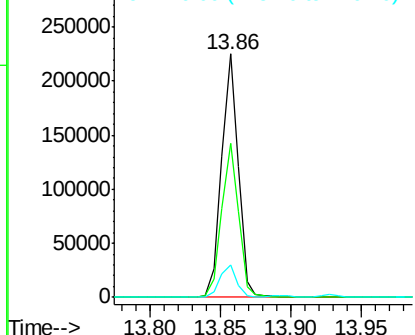
#81
 3,3'-Dichlorobenzidine
 Concen: 48.72 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.5	77.3
126	13.1	15.8	23.8#

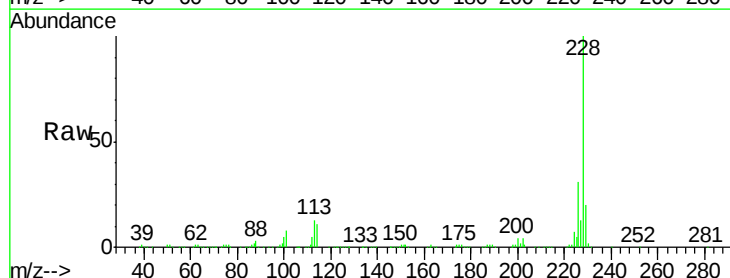


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

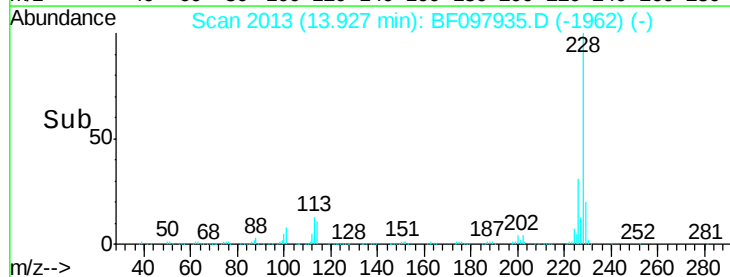
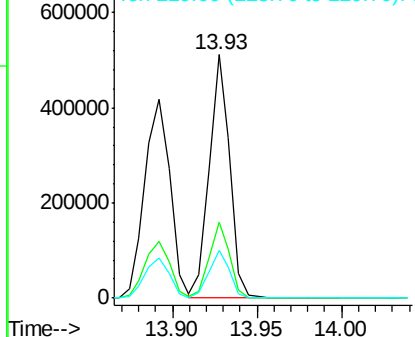


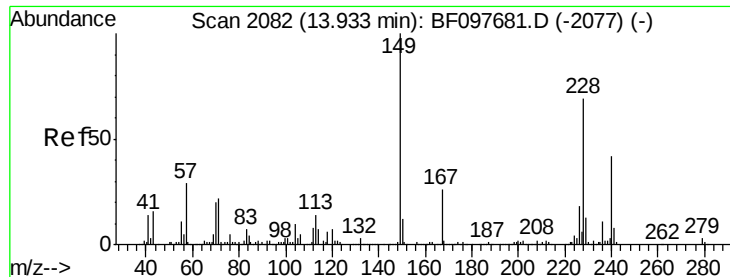
#82
 Chrysene
 Concen: 38.24 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	19.5	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

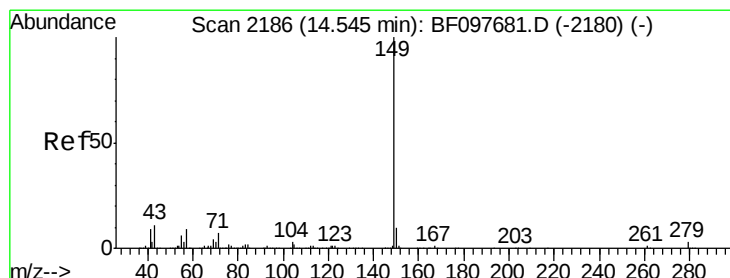
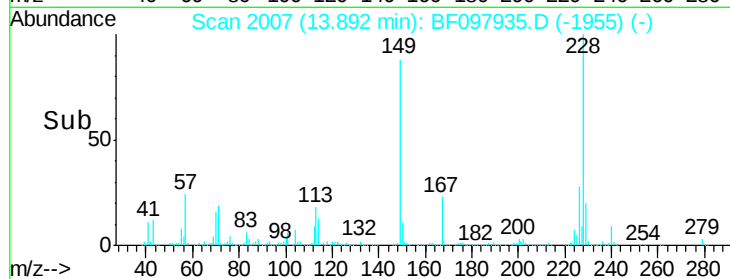
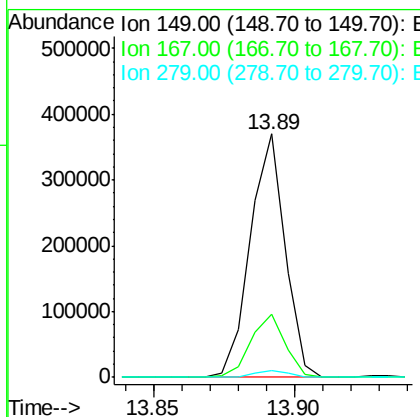
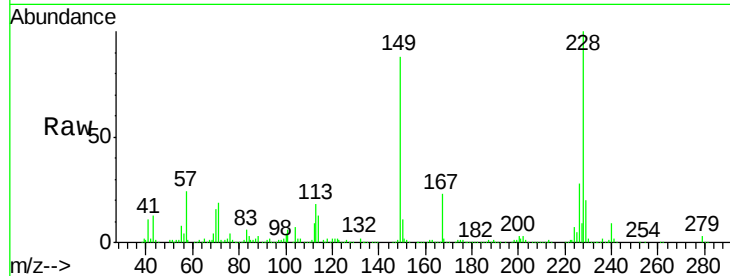




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.55 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

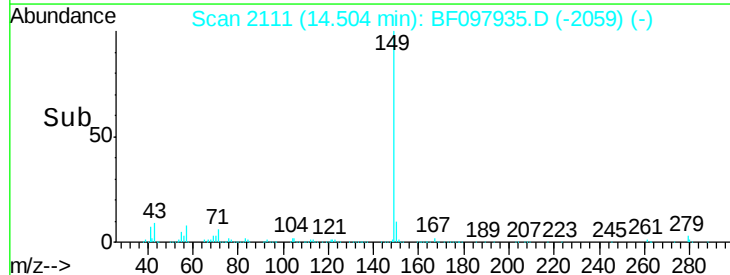
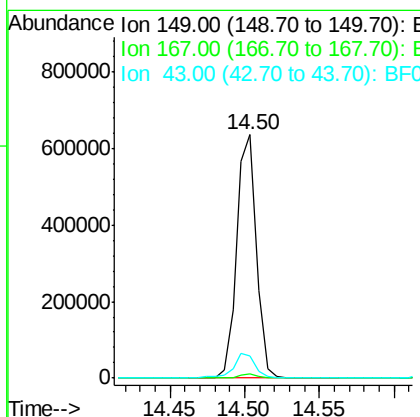
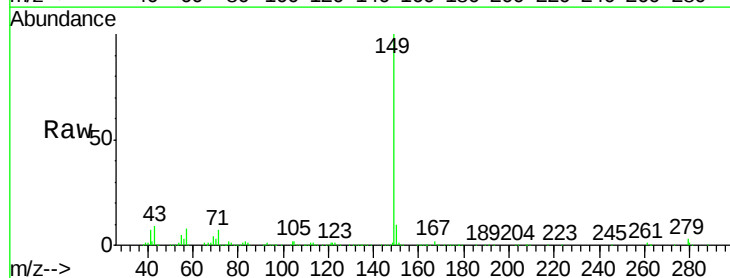
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

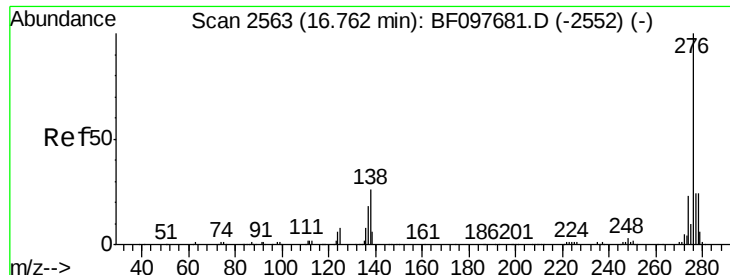
Tot Ion:149	Resp:	314754
Ion Ratio	Lower	Upper
149	100	
167	26.0	21.0 31.4
279	2.9	1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 51.02 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Tgt Ion:149	Resp:	587654
Ion Ratio	Lower	Upper
149	100	
167	1.5	1.2 1.8
43	10.4	8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.27 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.02 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

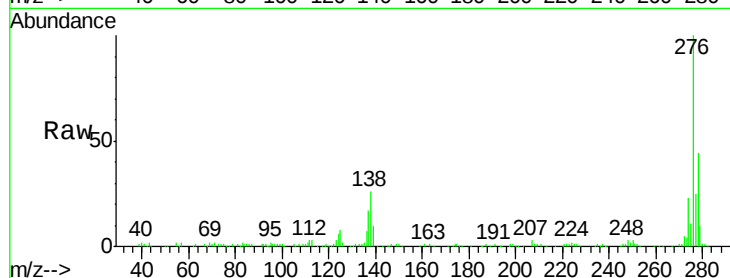
Tot Ion:276 Resp: 294680

Ion Ratio Lower Upper

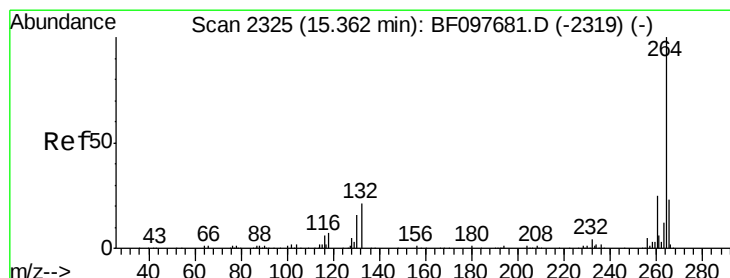
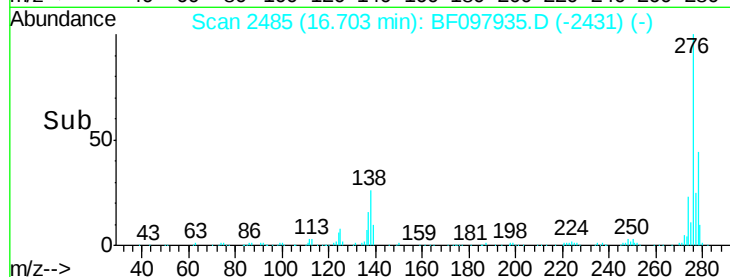
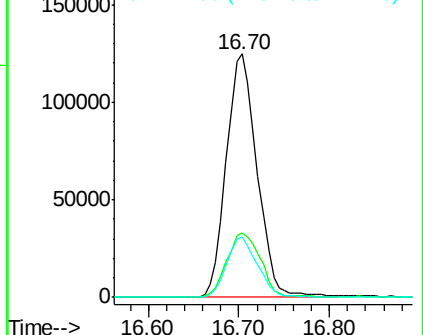
276 100

138 29.1 27.8 41.6

277 24.8 20.2 30.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

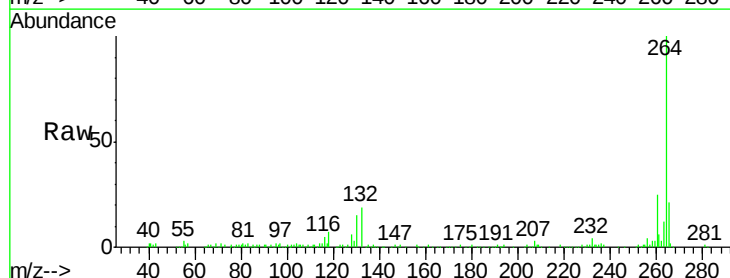
Tgt Ion:264 Resp: 135825

Ion Ratio Lower Upper

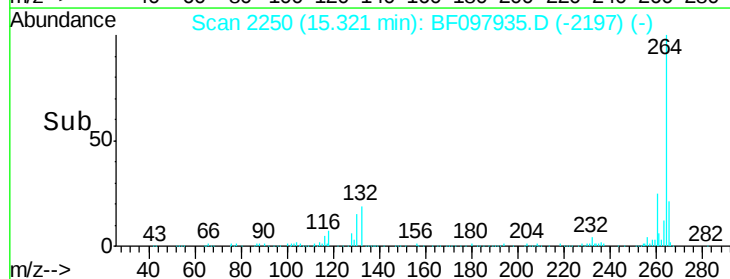
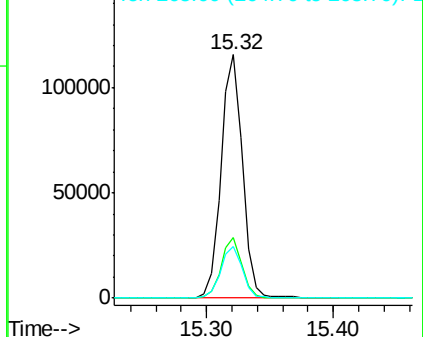
264 100

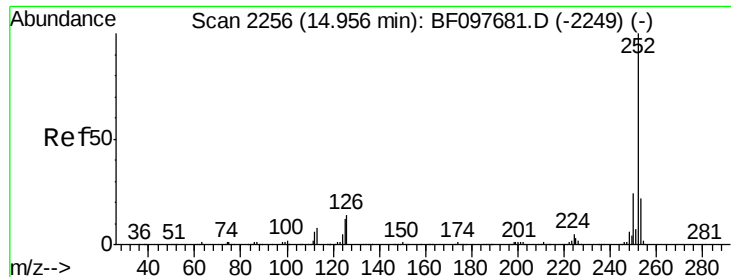
260 25.0 19.5 29.3

265 21.2 17.2 25.8



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

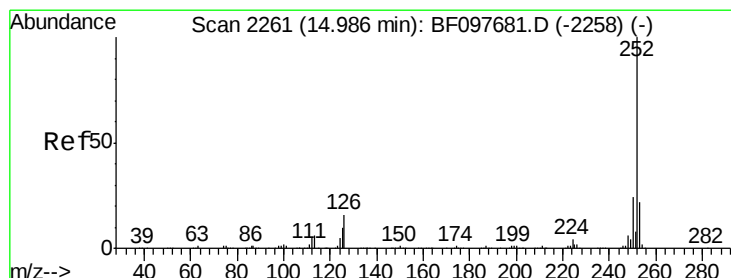
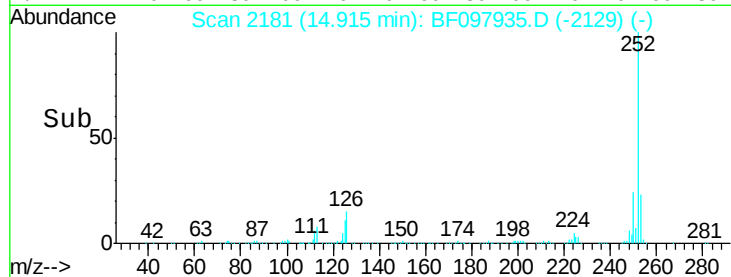
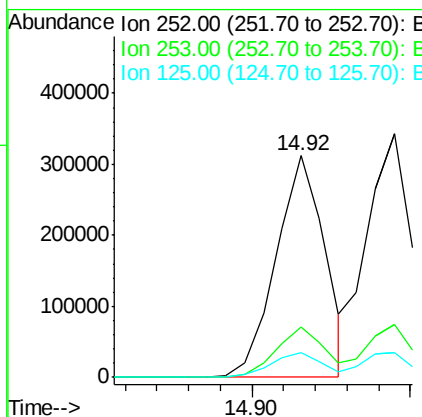
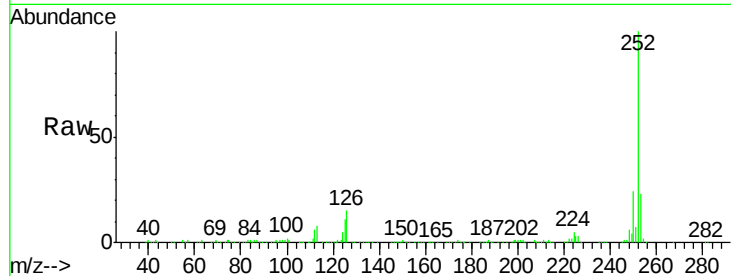




#87
Benzo(b)fluoranthene
Concen: 39.11 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

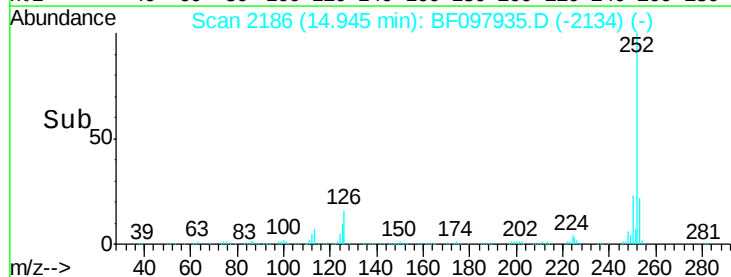
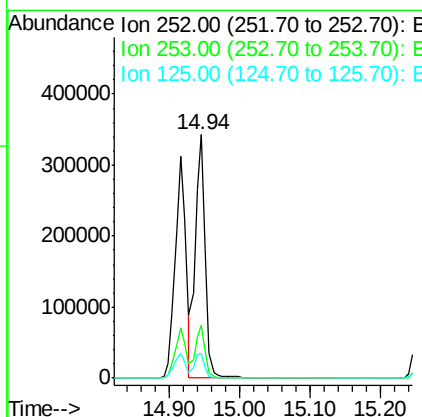
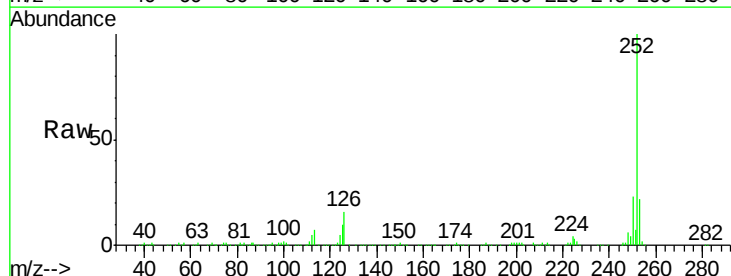
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

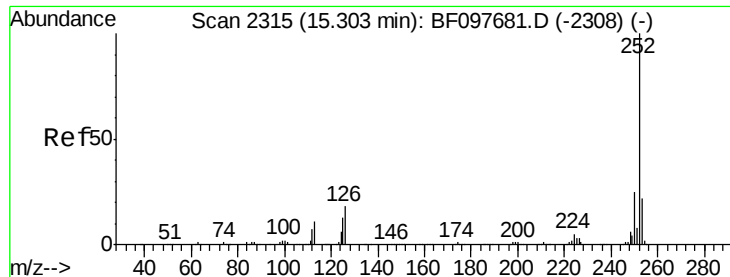
Tot Ion:252 Resp: 334819
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 43.06 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF097935.D
Acq: 22 Aug 2017 5:42

Tgt Ion:252 Resp: 346377
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 10.4 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 41.26 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

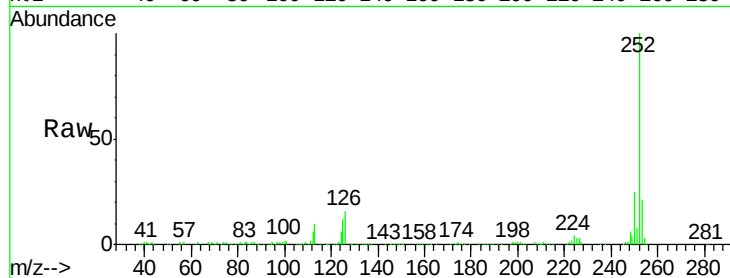
Tot Ion:252 Resp: 312721

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

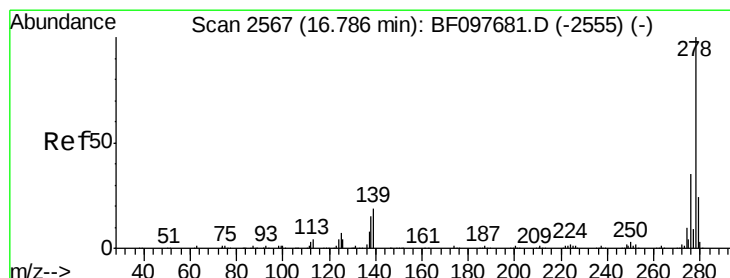
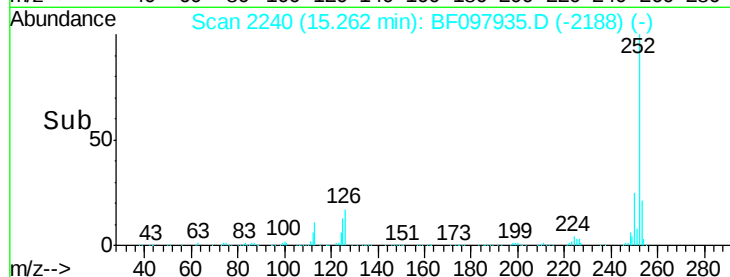
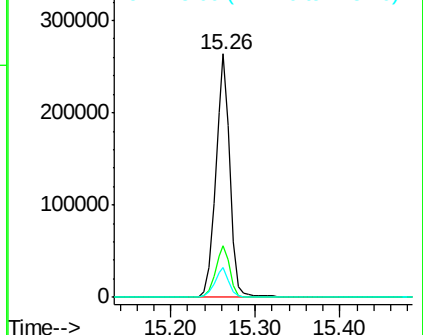
125 12.0 11.0 16.4



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: 41.30 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF097935.D

Acq: 22 Aug 2017 5:42

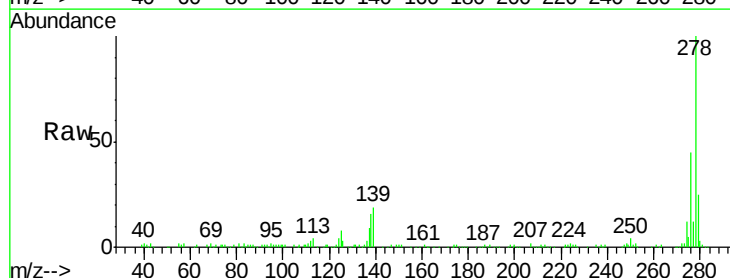
Tgt Ion:278 Resp: 254854

Ion Ratio Lower Upper

278 100

139 19.1 16.6 24.8

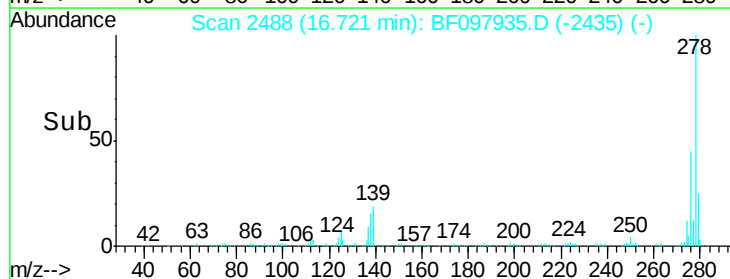
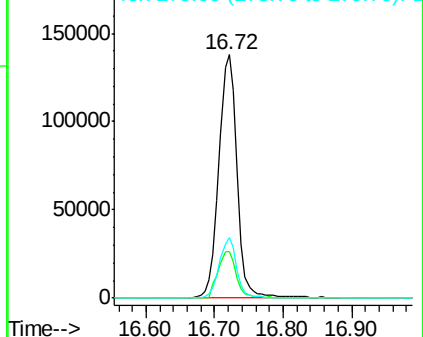
279 24.9 19.3 28.9

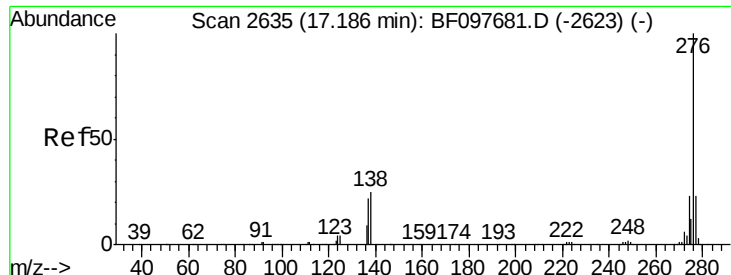


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

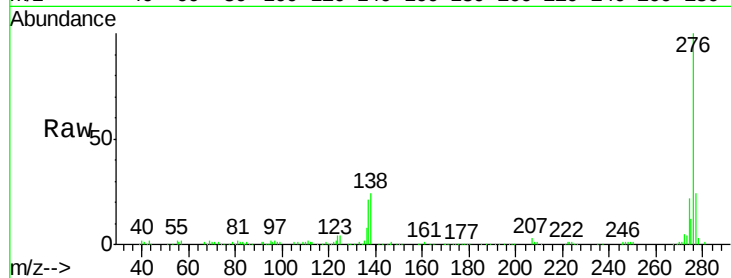




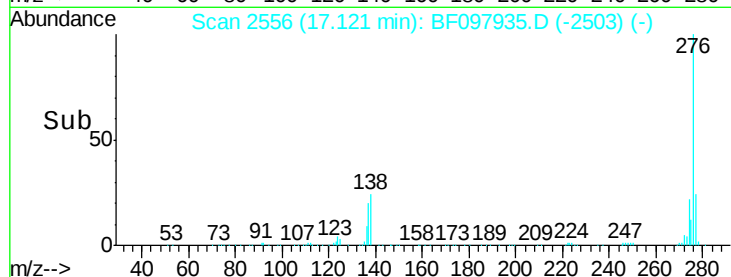
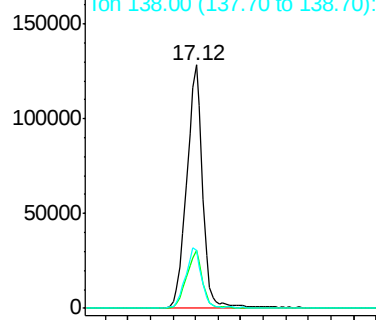
#91
 Benzo(a,h,i)perylene
 Concen: 39.40 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BF097935.D
 Acq: 22 Aug 2017 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	24.0	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



Time-->