

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098071.D
 Acq On : 28 Aug 2017 17:07
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 29 07:46:37 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	124147	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	509949	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	229678	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	451012	20.00	ng	0.00
75) Chrysene-d12	13.90	240	330928	20.00	ng	0.00
86) Perylene-d12	15.32	264	259075	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	652335	79.93	ng	0.00
7) Phenol-d6	6.38	99	904084	81.53	ng	0.00
23) Nitrobenzene-d5	7.32	82	822372	87.61	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	174502	87.56	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1187239	75.95	ng	0.00
78) Terphenyl-d14	12.85	244	1151350	72.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	181436	39.861	ng	88
3) Pyridine	3.12	79	517499	41.126	ng	87
4) n-Nitrosodimethylamine	3.09	42	186936	38.609	ng	# 77
6) Aniline	6.41	93	613059	39.353	ng	98
8) 2-Chlorophenol	6.53	128	352139	40.911	ng	96
9) Benzaldehyde	6.29	77	263279	37.482	ng	91
10) Phenol	6.40	94	531546	40.983	ng	88
11) bis(2-Chloroethyl)ether	6.49	93	390879	39.930	ng	94
12) 1,3-Dichlorobenzene	6.69	146	374656	40.466	ng	# 95
13) 1,4-Dichlorobenzene	6.76	146	372302	39.537	ng	95
14) 1,2-Dichlorobenzene	6.92	146	349424	40.244	ng	99
15) Benzyl Alcohol	6.89	79	334295	40.264	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	505568	38.385	ng	90
17) 2-Methylphenol	7.00	107	307192	40.498	ng	96
18) Hexachloroethane	7.26	117	149213	40.417	ng	# 85
19) n-Nitroso-di-n-propylamine	7.17	70	294941	38.852	ng	89
20) 3+4-Methylphenols	7.16	107	369204	39.851	ng	94
22) Acetophenone	7.16	105	504001	37.412	ng	# 91
24) Nitrobenzene	7.33	77	452763	43.319	ng	95
25) Isophorone	7.57	82	764235	39.153	ng	98
26) 2-Nitrophenol	7.65	139	184292	48.595	ng	# 82
27) 2,4-Dimethylphenol	7.69	122	320507	39.372	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	506686	39.484	ng	98
29) 2,4-Dichlorophenol	7.89	162	276491	40.917	ng	91
30) 1,2,4-Trichlorobenzene	7.97	180	294945	39.373	ng	99
31) Naphthalene	8.05	128	1039795	39.276	ng	100
32) Benzoic acid	7.83	122	198325	35.381	ng	88
33) 4-Chloroaniline	8.10	127	450518	40.350	ng	99
34) Hexachlorobutadiene	8.17	225	169611	38.779	ng	99
35) Caprolactam	8.49	113	101876	44.347	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	354082	40.783	ng	# 79
37) 2-Methylnaphthalene	8.74	142	644510	39.709	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	279824	39.698	ng	98
40) Hexachlorocyclopentadiene	8.89	237	119303	35.231	ng	98

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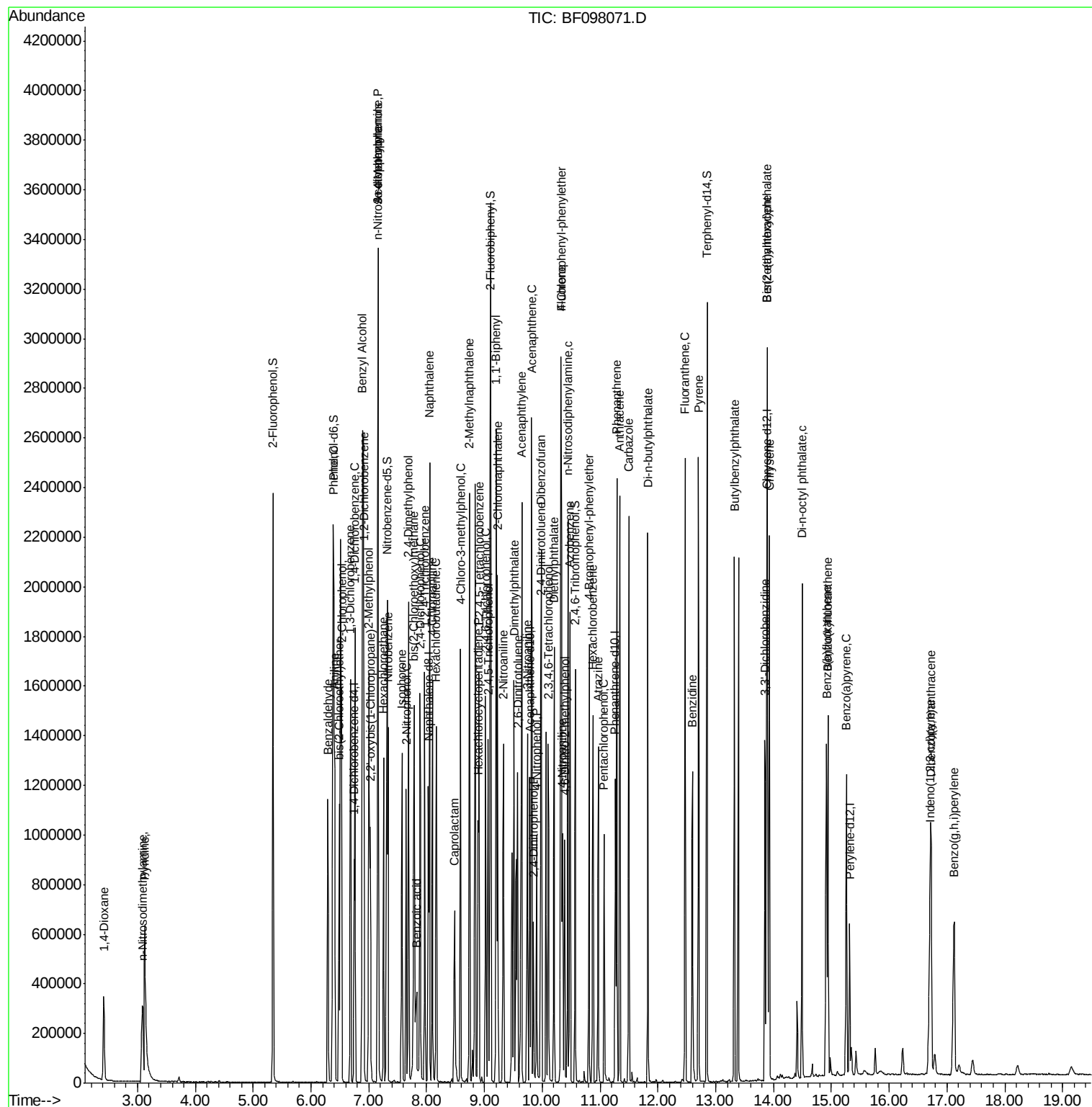
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	192506	40.679	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	196759	41.910	nq	98
45) 1,1'-Biphenyl	9.20	154	815145	38.919	nq	96
46) 2-Chloronaphthalene	9.23	162	600226	38.786	nq	93
47) 2-Nitroaniline	9.33	65	246460	47.506	nq	95
48) Acenaphthylene	9.65	152	952622	39.200	nq	99
49) Dimethylphthalate	9.51	163	679830	40.493	nq	100
50) 2,6-Dinitrotoluene	9.57	165	148431	44.292	nq #	72
51) Acenaphthene	9.82	154	570769	37.240	nq	98
52) 3-Nitroaniline	9.74	138	197262	45.624	nq	87
53) 2,4-Dinitrophenol	9.85	184	72738	49.986	nq #	72
54) Dibenzofuran	9.99	168	795123	38.708	nq	99
55) 4-Nitrophenol	9.90	139	141949	41.156	nq #	46
56) 2,4-Dinitrotoluene	9.97	165	191698	45.581	nq #	52
57) Fluorene	10.33	166	635574	40.020	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.10	232	148475	40.847	nq	94
59) Diethylphthalate	10.20	149	685609	39.051	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	292281	39.615	nq	89
61) 4-Nitroaniline	10.36	138	196667	47.858	nq	81
62) Azobenzene	10.48	77	789448	37.855	nq	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	102936	48.358	nq #	79
65) n-Nitrosodiphenylamine	10.45	169	590211	38.429	nq	98
66) 4-Bromophenyl-phenylether	10.81	248	183541	39.189	nq	97
67) Hexachlorobenzene	10.87	284	188577	39.503	nq #	83
68) Atrazine	10.97	200	146553	35.981	nq	97
69) Pentachlorophenol	11.07	266	105791	38.009	nq	100
70) Phenanthrene	11.29	178	906826	37.732	nq	99
71) Anthracene	11.34	178	940409	38.579	nq	100
72) Carbazole	11.50	167	903352	39.042	nq	98
73) Di-n-butylphthalate	11.83	149	1056680	39.648	nq	99
74) Fluoranthene	12.47	202	982933	39.184	nq	99
76) Benzidine	12.60	184	451429	41.605	nq	95
77) Pyrene	12.70	202	1013656	37.451	nq	98
79) Butylbenzylphthalate	13.32	149	426623	41.112	nq #	71
80) Benzo(a)anthracene	13.89	228	727704	36.690	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	277962	41.532	nq #	96
82) Chrysene	13.93	228	740028	37.508	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	510389	44.385	nq #	99
84) Di-n-octyl phthalate	14.49	149	907271	45.346	nq	98
85) Indeno(1,2,3-cd)pyrene	16.70	276	585132	40.314	nq	94
87) Benzo(b)fluoranthene	14.92	252	654600	40.085	nq	98
88) Benzo(k)fluoranthene	14.94	252	592278	38.604	nq #	94
89) Benzo(a)pyrene	15.26	252	581269	40.207	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	495895	42.134	nq	97
91) Benzo(g,h,i)perylene	17.13	276	516597	42.066	nq	93

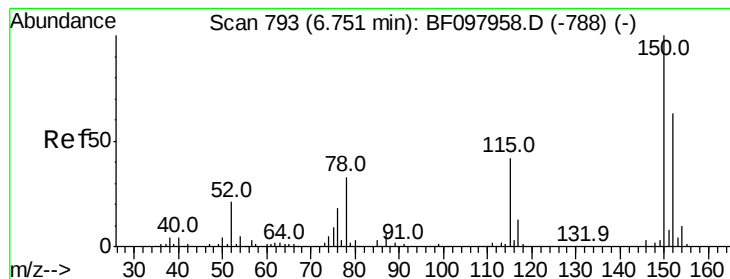
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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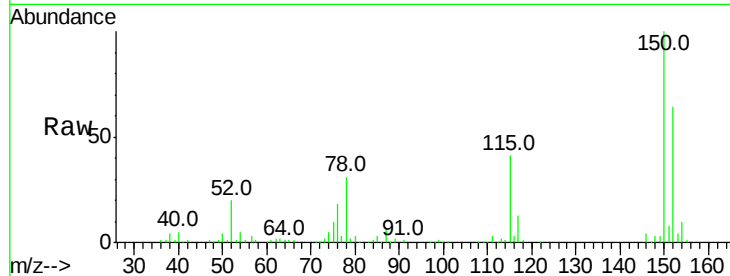


#1

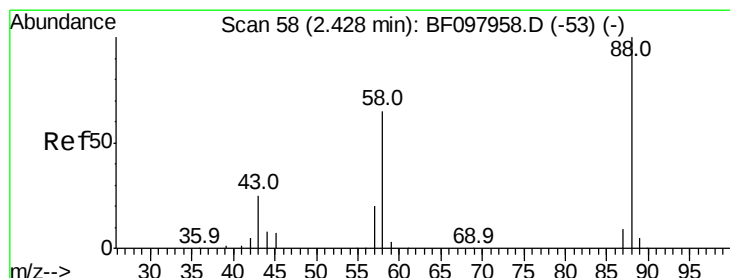
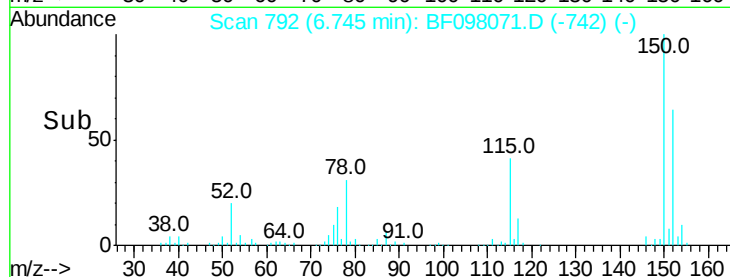
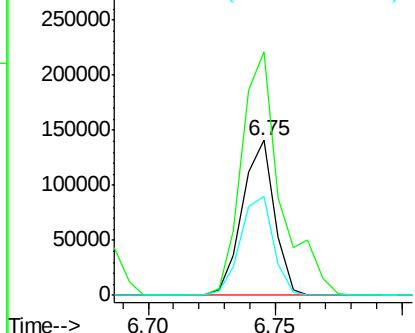
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 124147
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 63.8 52.2 78.2



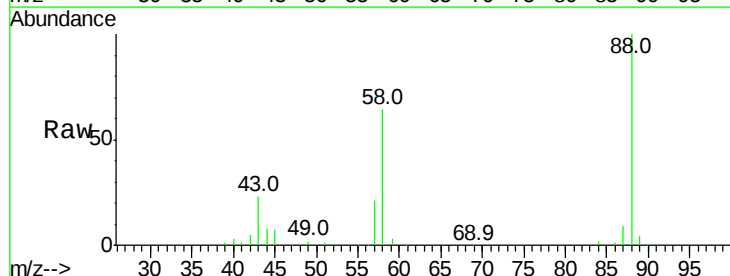
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



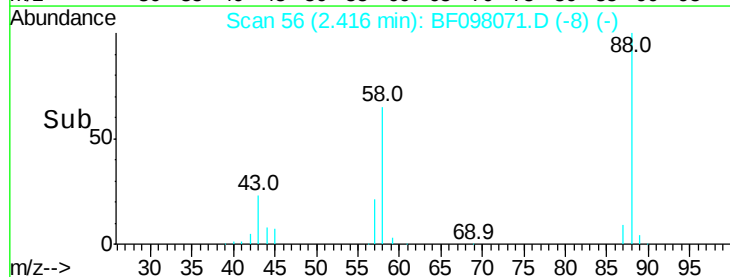
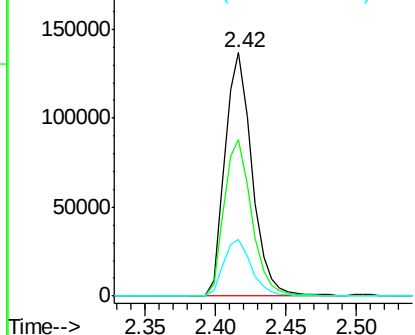
#2

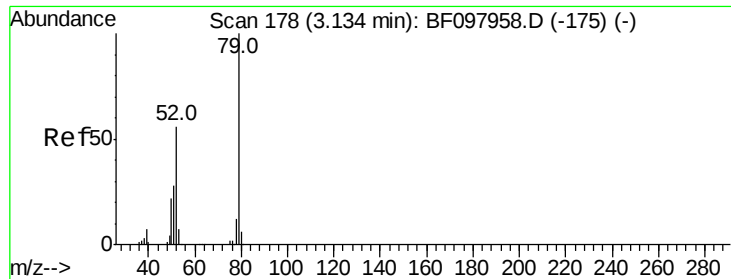
1,4-Dioxane
 Concen: 39.861 ng
 RT: 2.42 min Scan# 56
 Delta R.T. -0.02 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion: 88 Resp: 181436
 Ion Ratio Lower Upper
 88 100
 58 65.9 61.4 92.0
 43 24.1 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.126 ng

RT: 3.12 min Scan# 176

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

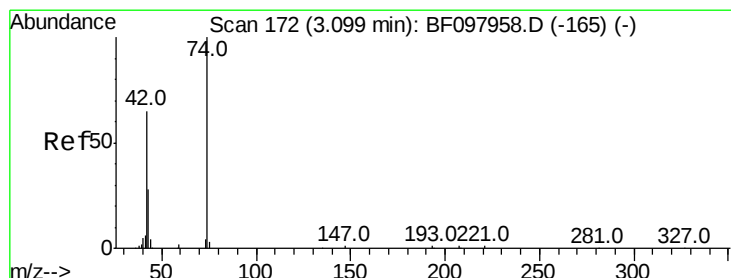
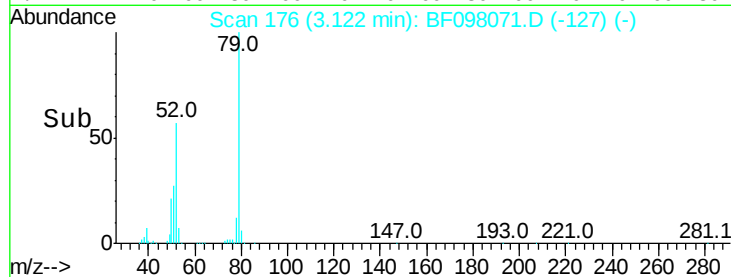
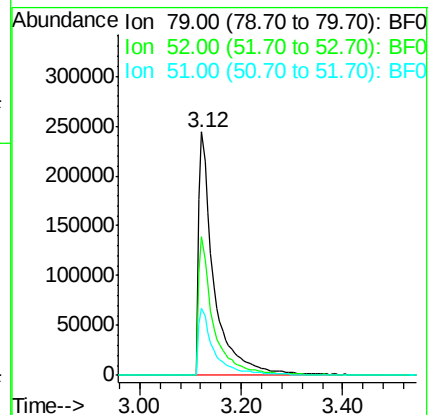
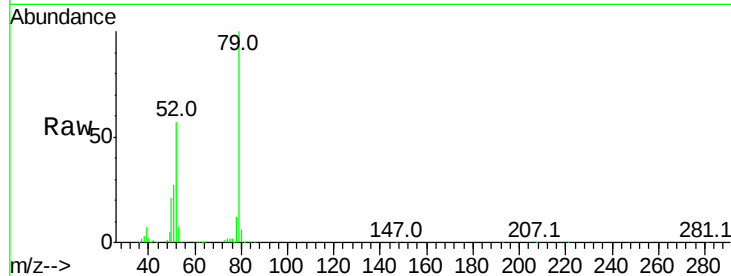
Tot Ion: 79 Resp: 517499

Ion Ratio Lower Upper

79 100

52 56.7 54.8 82.2

51 27.4 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 38.609 ng

RT: 3.09 min Scan# 170

Delta R.T. -0.02 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

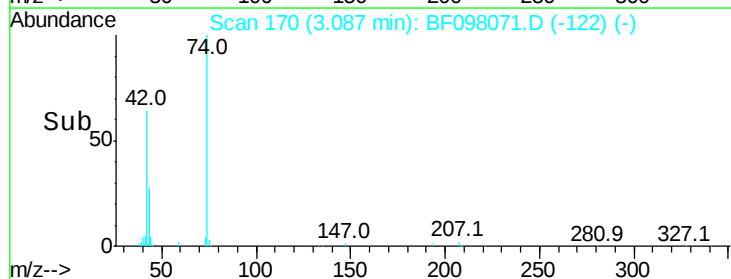
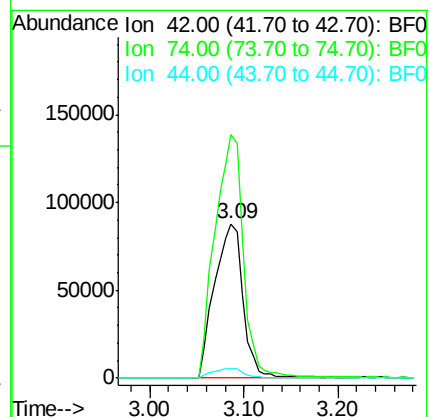
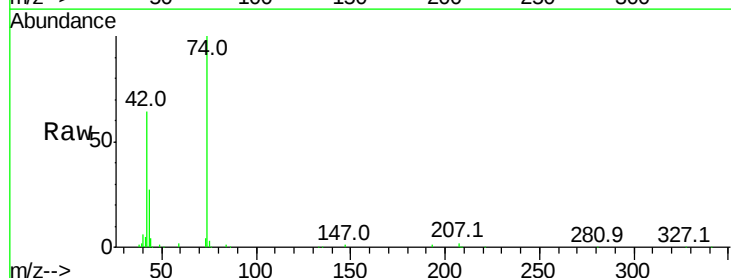
Tgt Ion: 42 Resp: 186936

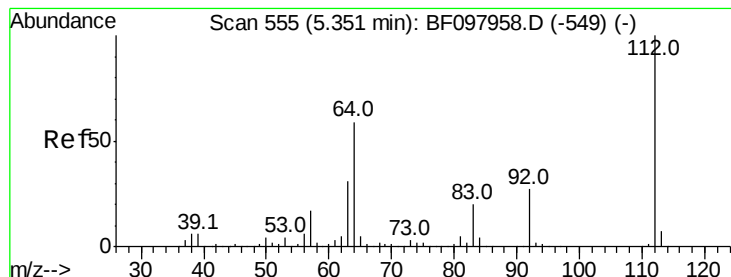
Ion Ratio Lower Upper

42 100

74 157.5 103.9 155.9#

44 6.2 5.7 8.5





#5

2-Fluorophenol

Concen: 79.925 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF098071.D

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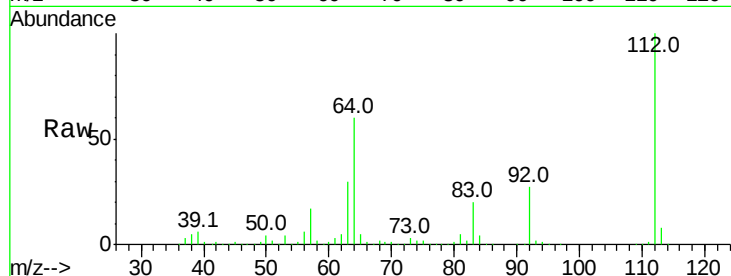
Tot Ion:112 Resp: 652335

Ion Ratio Lower Upper

112 100

64 60.1 46.0 69.0

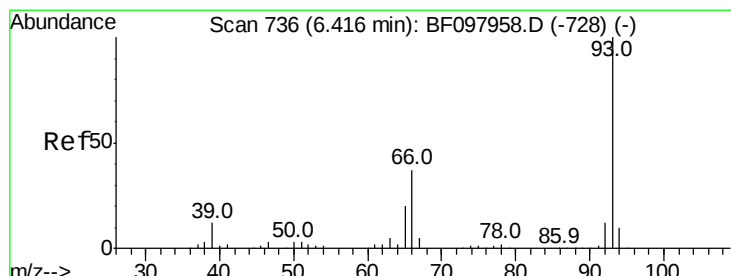
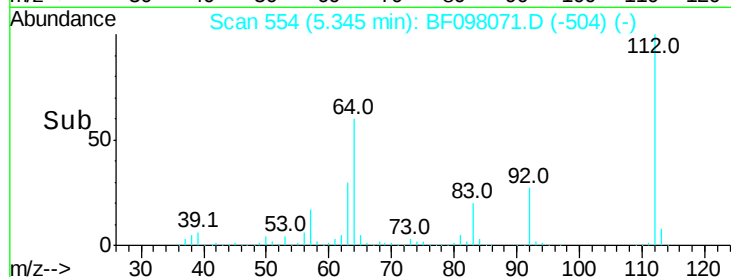
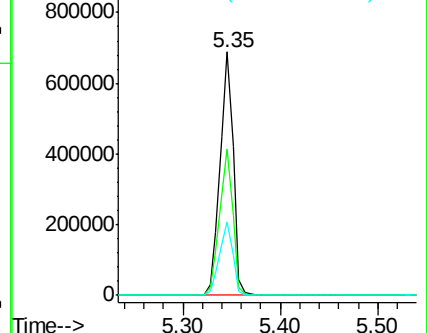
63 30.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.353 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

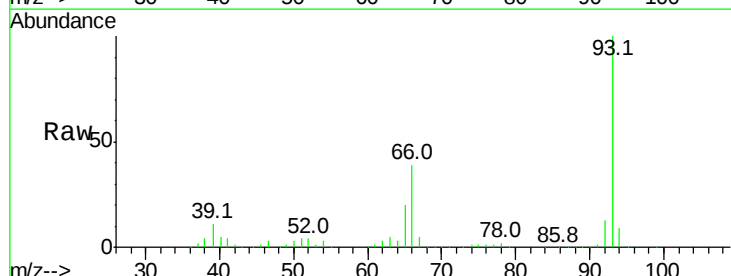
Tgt Ion: 93 Resp: 613059

Ion Ratio Lower Upper

93 100

66 39.1 32.9 49.3

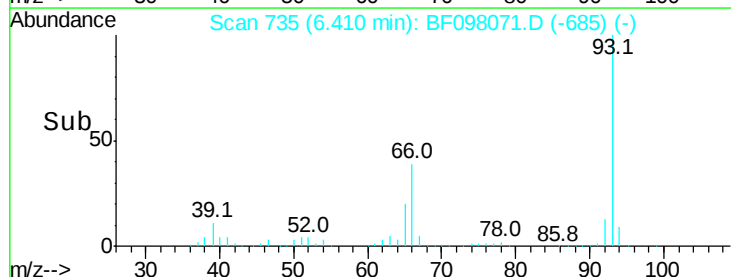
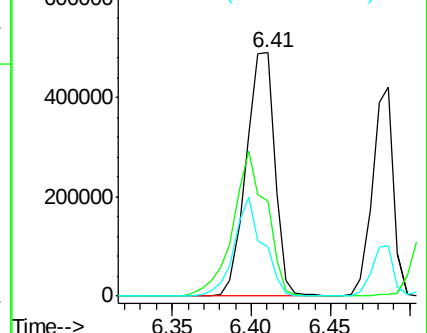
65 20.3 16.0 24.0

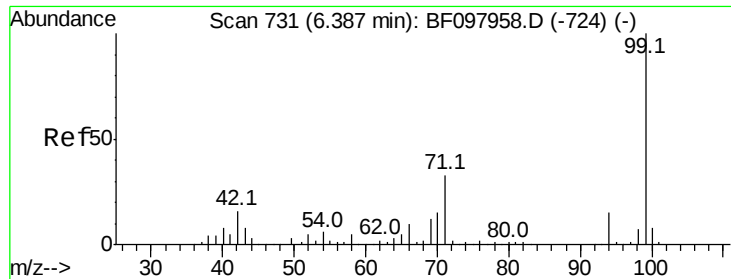


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.526 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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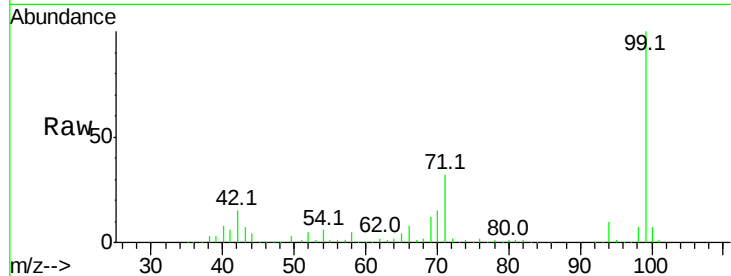
Tot Ion: 99 Resp: 904084

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

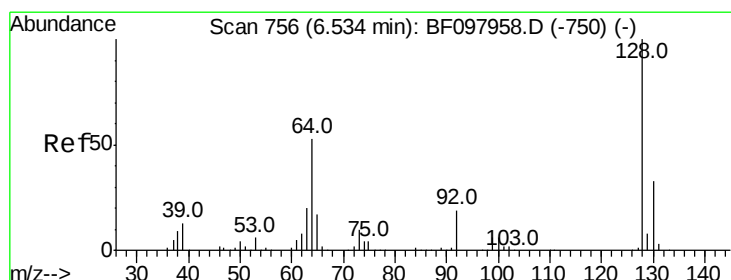
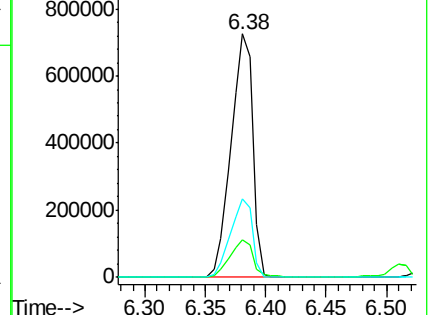
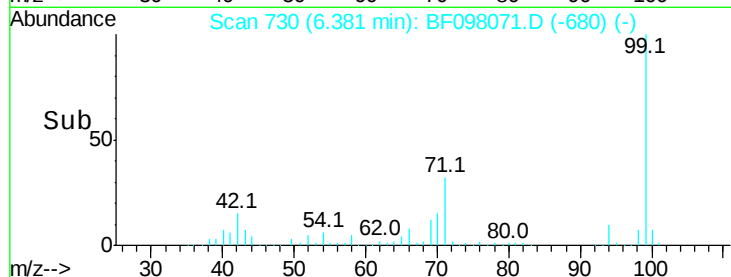
71 32.3 24.5 36.7



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: 40.911 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

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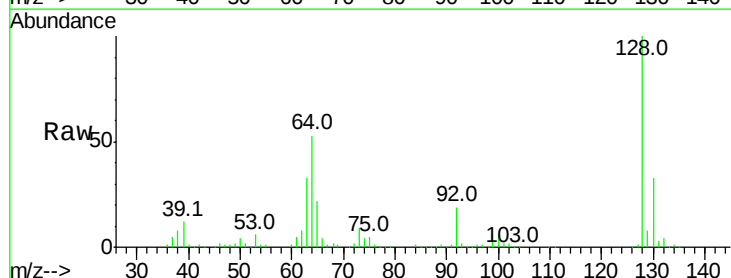
Tgt Ion: 128 Resp: 352139

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

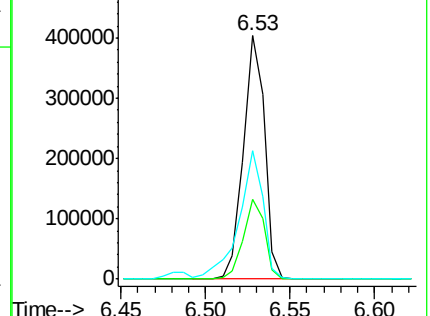
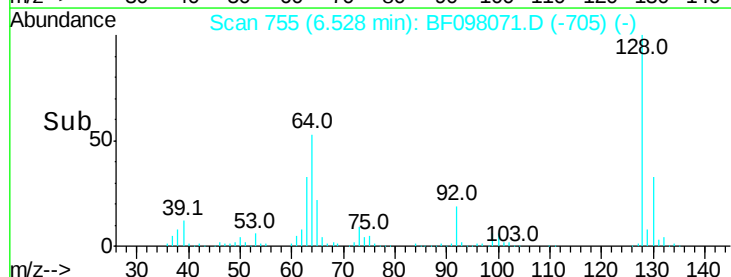
64 53.0 28.4 68.4

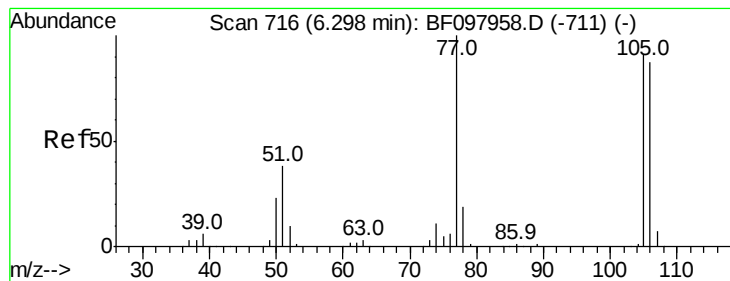


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.482 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

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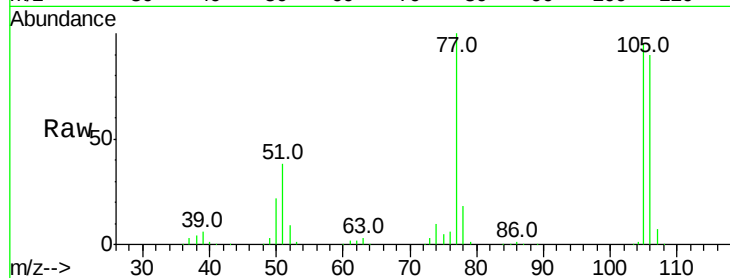
Tot Ion: 77 Resp: 263279

Ion Ratio Lower Upper

77 100

105 94.6 83.8 123.8

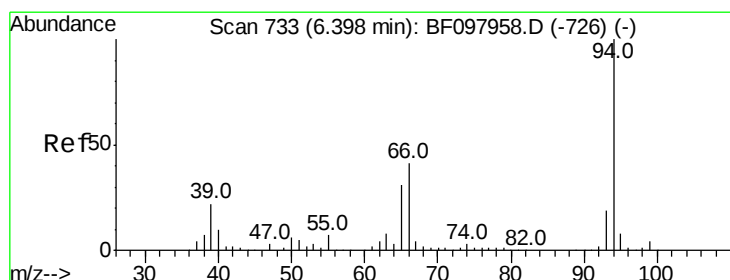
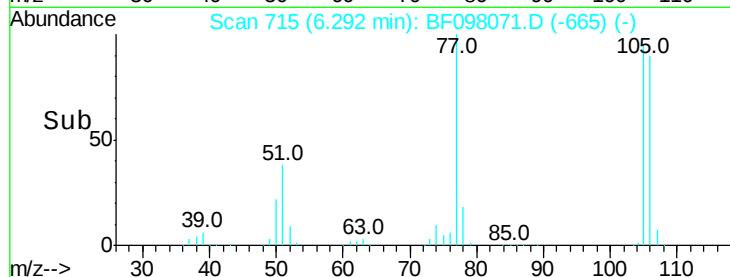
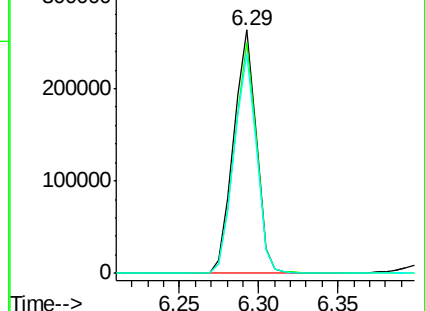
106 90.2 79.1 119.1



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: 40.983 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

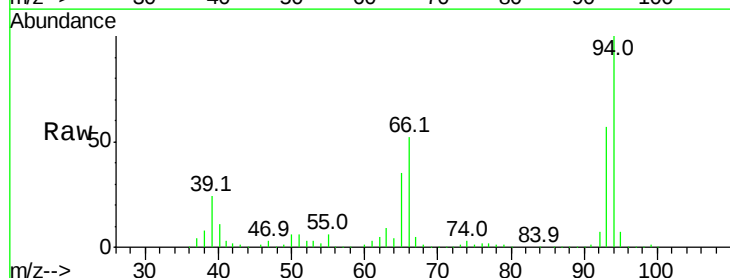
Tgt Ion: 94 Resp: 531546

Ion Ratio Lower Upper

94 100

65 35.1 9.9 49.9

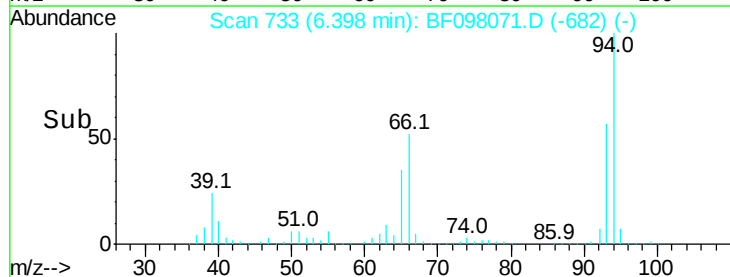
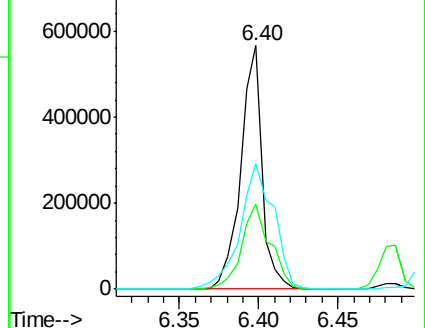
66 51.9 23.1 63.1

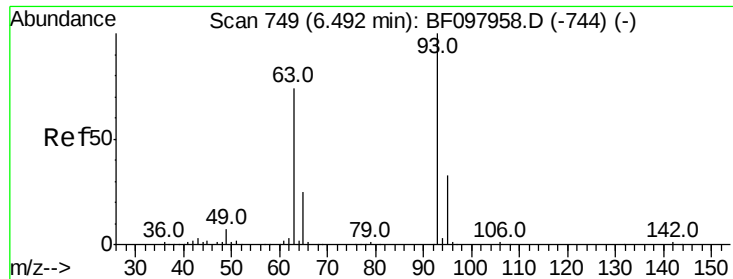


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.930 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

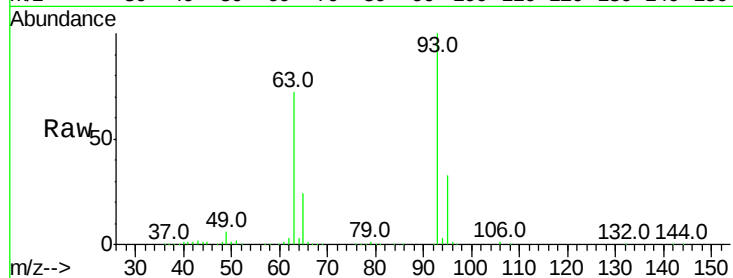
Tot Ion: 93 Resp: 390879

Ion Ratio Lower Upper

93 100

63 71.8 59.2 99.2

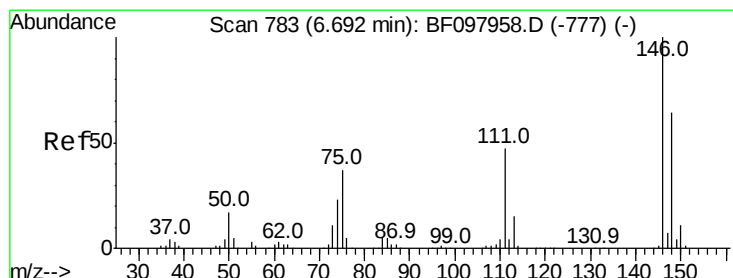
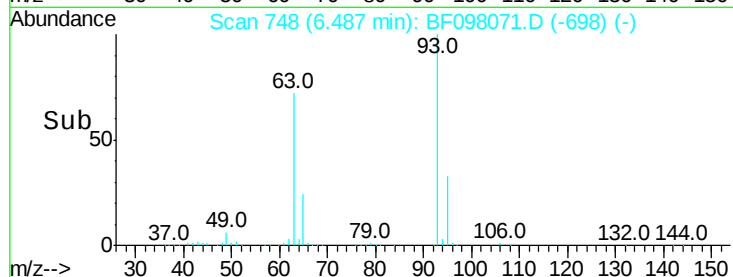
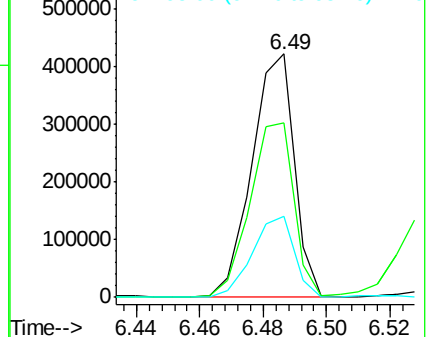
95 33.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.466 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

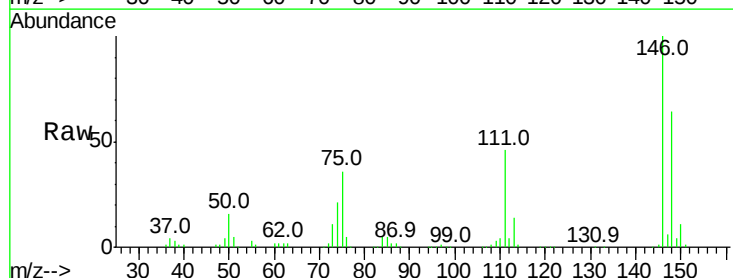
Tgt Ion: 146 Resp: 374656

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

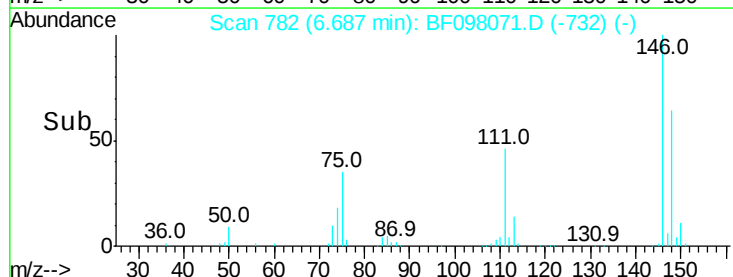
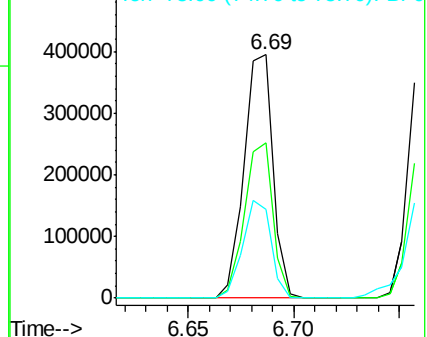
75 36.4 23.1 34.7#

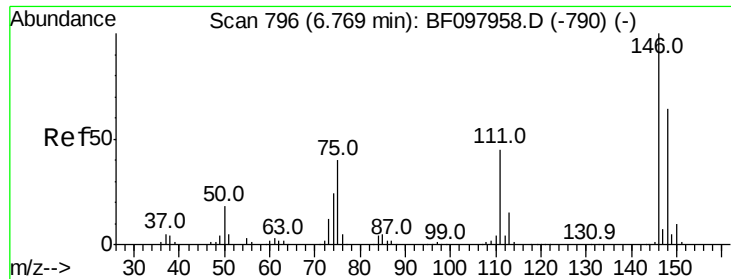


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.537 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

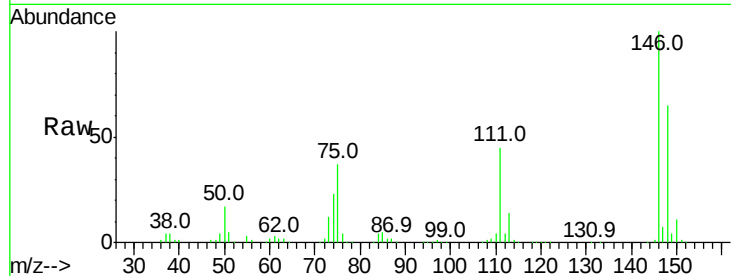
Tot Ion:146 Resp: 372302

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

111 45.1 30.3 45.5



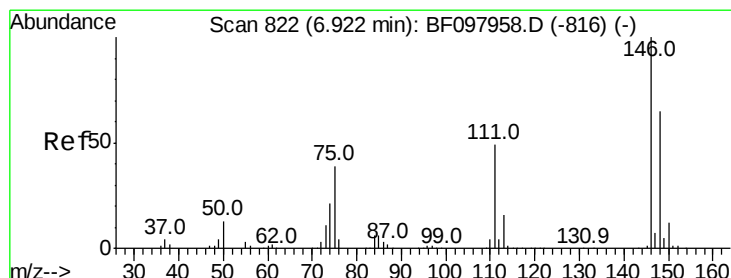
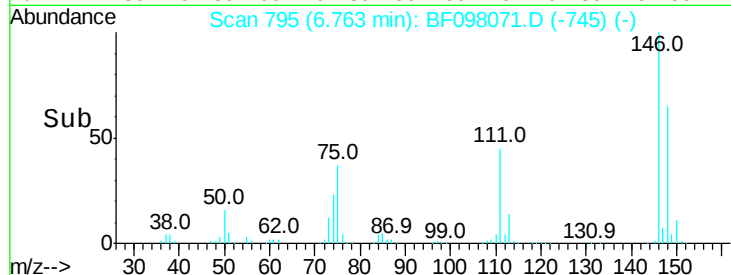
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.76

Time-->



#14

1,2-Dichlorobenzene

Concen: 40.244 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

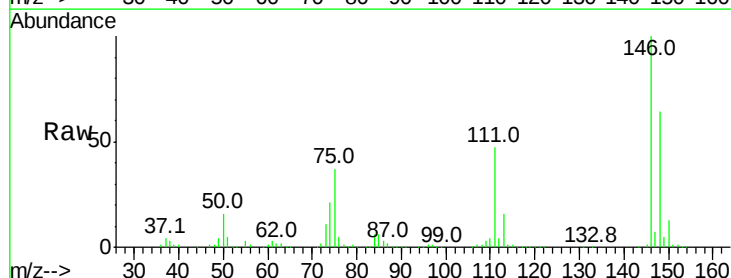
Tgt Ion:146 Resp: 349424

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

111 47.3 38.2 57.4



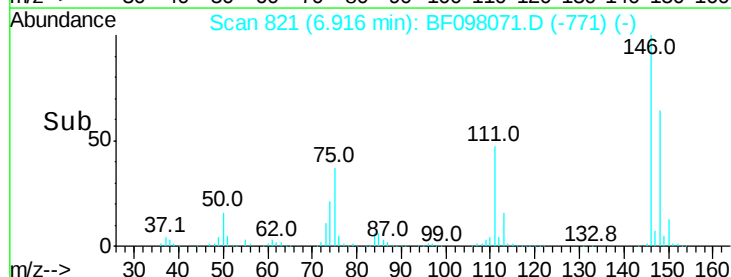
Abundance Ion 146.00 (145.70 to 146.70): E

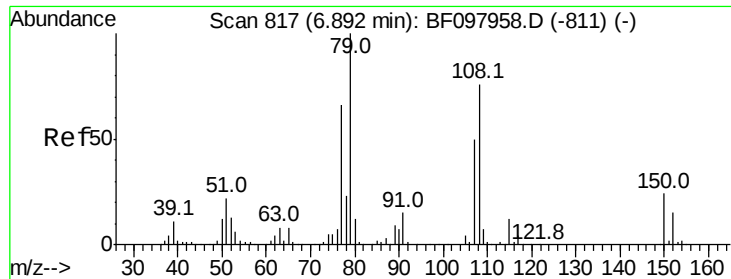
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.92

Time-->

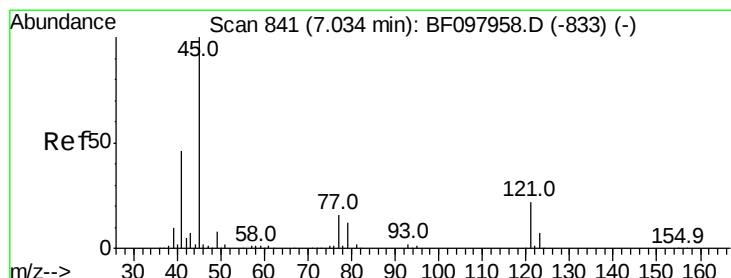
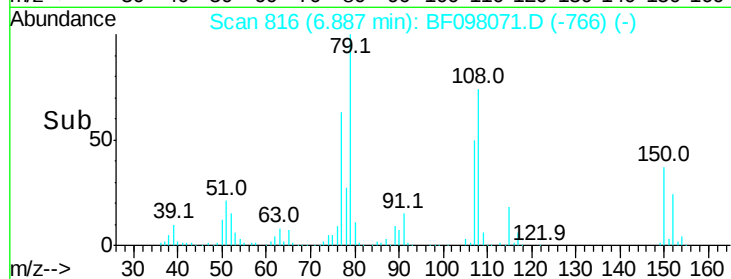
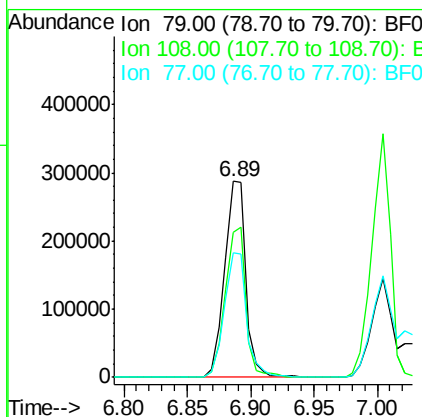
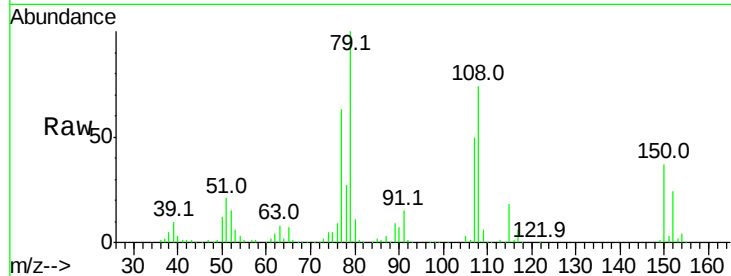




#15
Benzvl Alcohol
Concen: 40.264 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

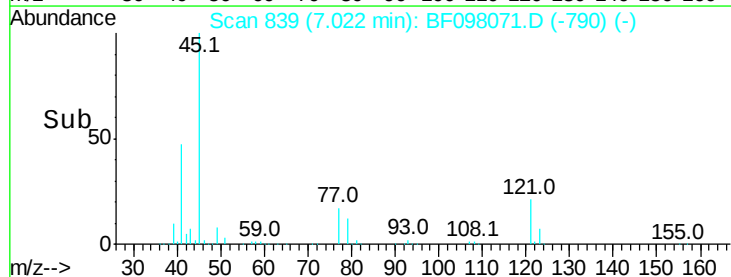
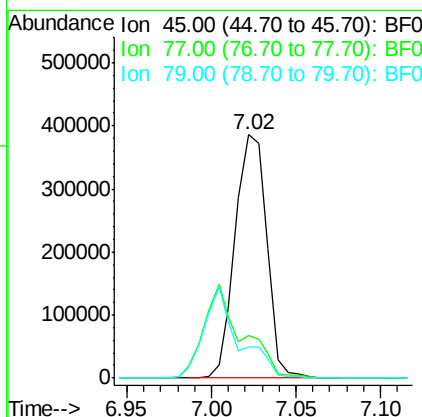
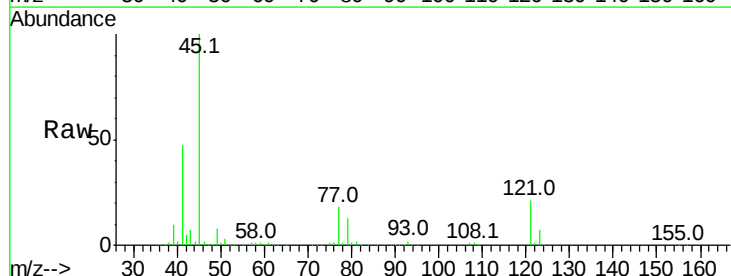
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

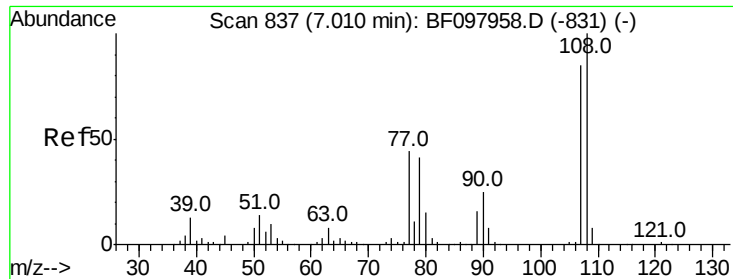
Tot Ion: 79 Resp: 334295
Ion Ratio Lower Upper
79 100
108 74.2 63.4 95.0
77 63.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.385 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion: 45 Resp: 505568
Ion Ratio Lower Upper
45 100
77 17.8 0.0 33.2
79 12.9 0.0 30.0

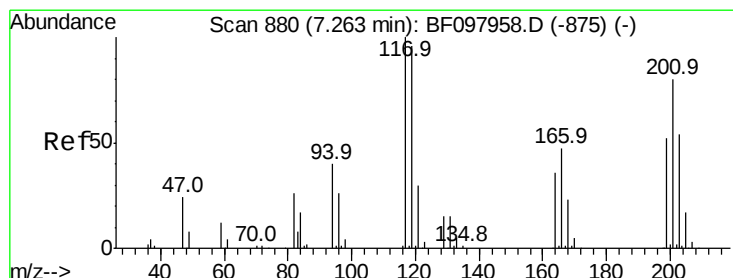
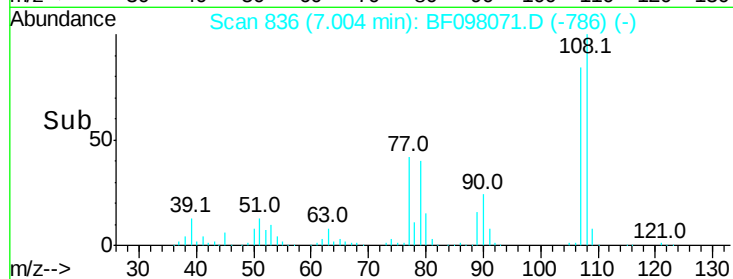
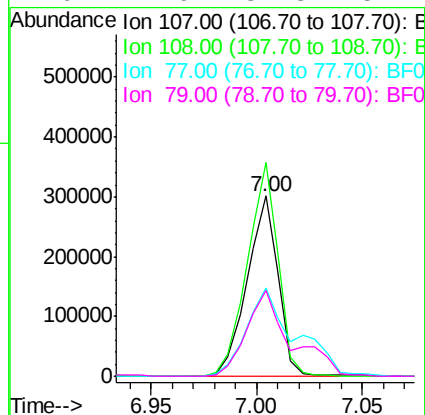
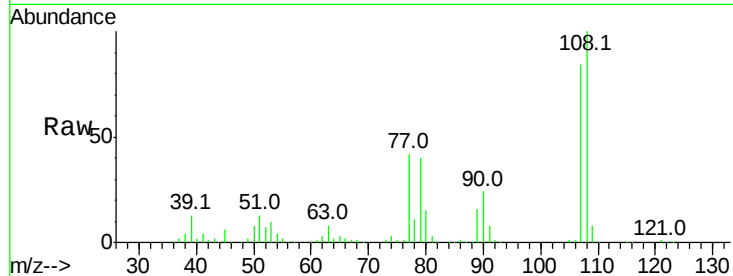




#17
2-Methylphenol
Concen: 40.498 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

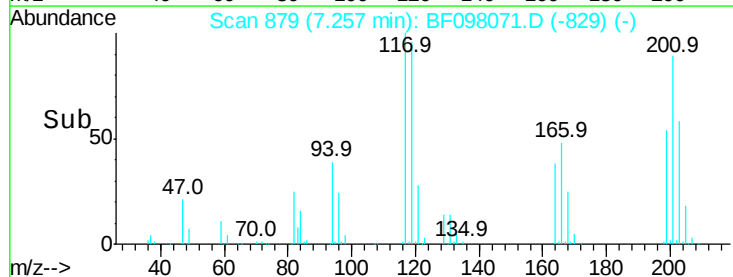
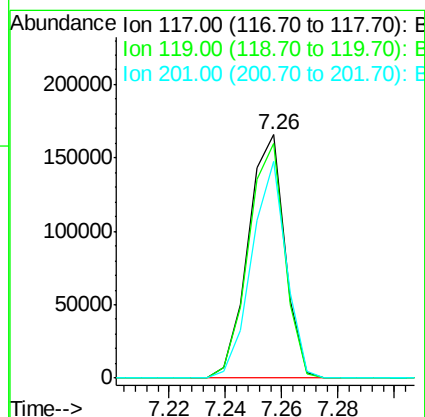
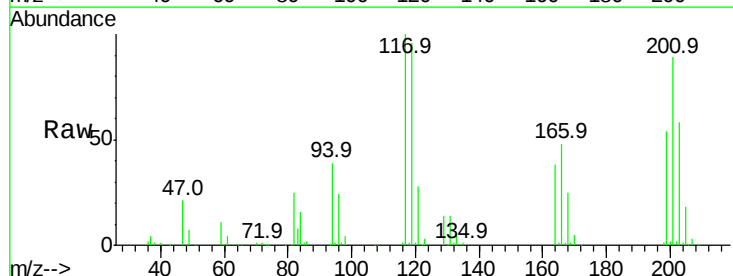
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	307192
Ion	Ratio	Lower	Upper
107	100		
108	118.5	93.4	140.0
77	49.2	35.8	53.6
79	47.9	34.8	52.2



#18
Hexachloroethane
Concen: 40.417 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion:	117	Resp:	149213
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.0
201	88.8	94.6	141.8#

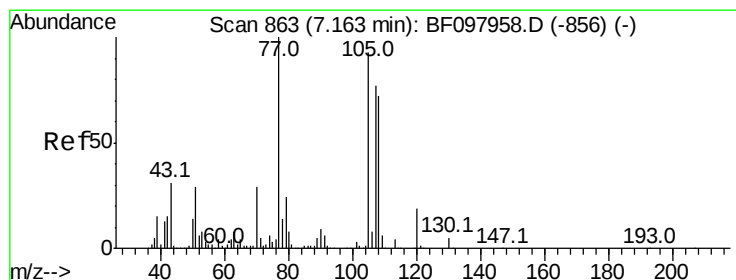
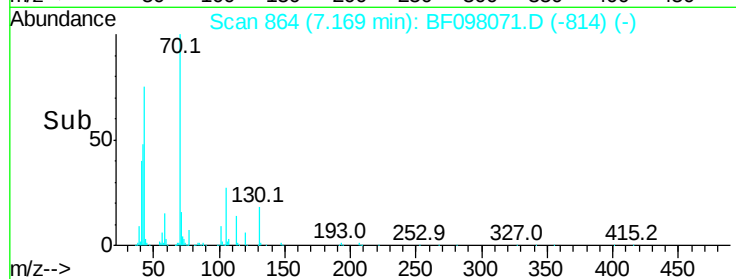
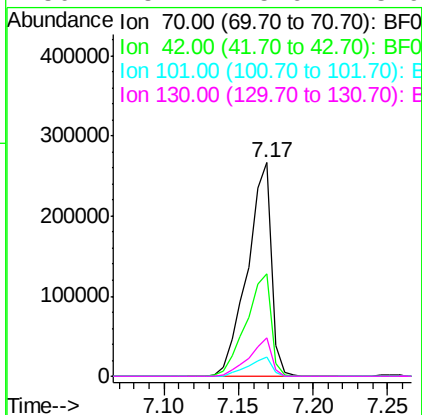
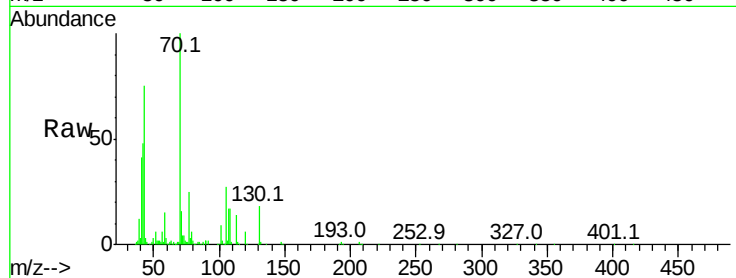




#19
n-Nitroso-di-n-propylamine
Concen: 38.852 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

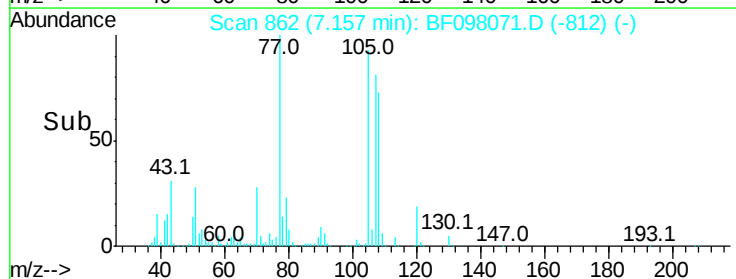
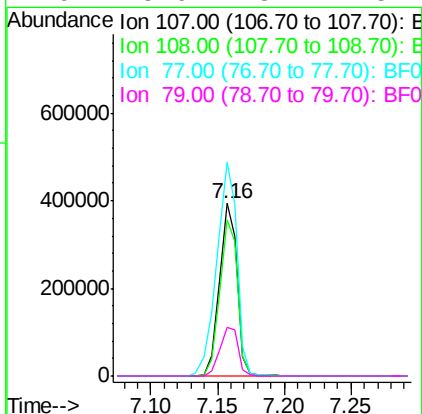
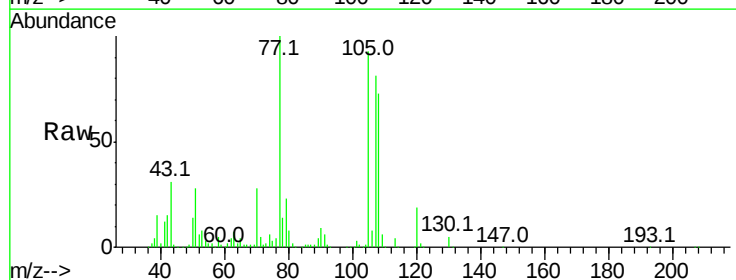
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

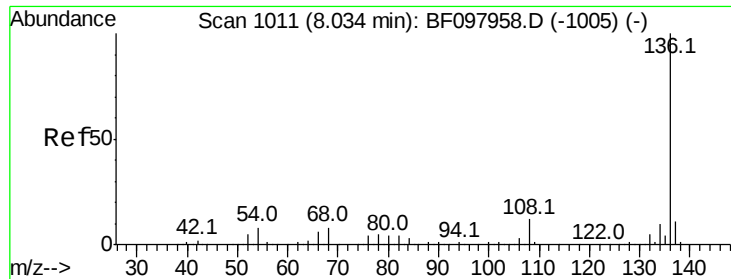
Tot Ion:	70	Resp:	294941
Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.2	70.8
101	9.0	7.2	10.8
130	18.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.851 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion:	107	Resp:	369204
Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.0	111.0
77	124.0	90.5	130.5
79	28.6	8.4	48.4

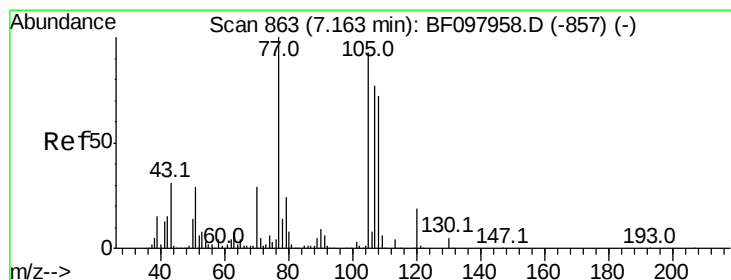
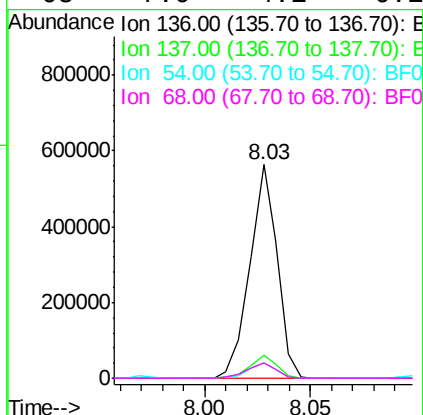
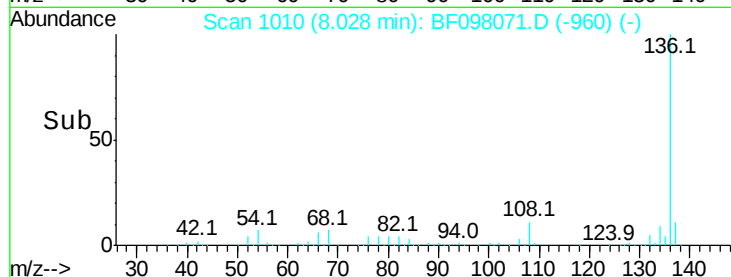
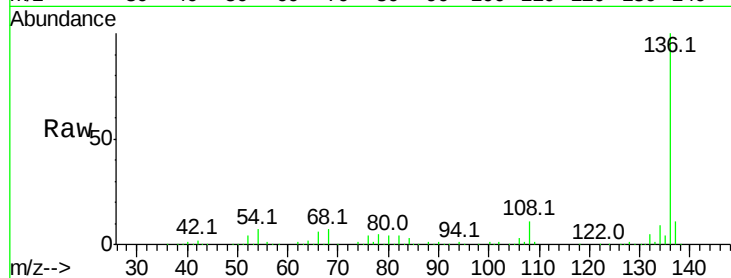




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

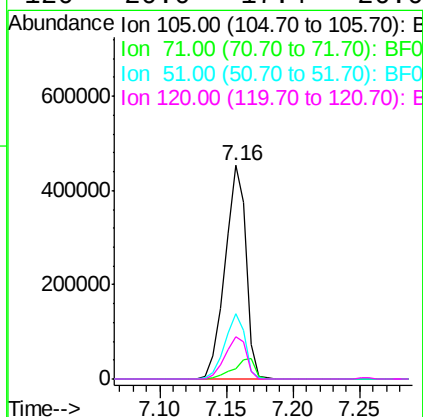
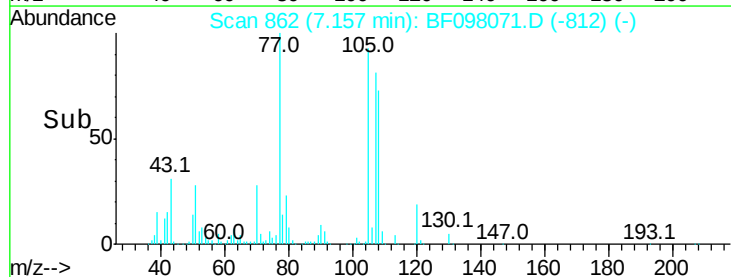
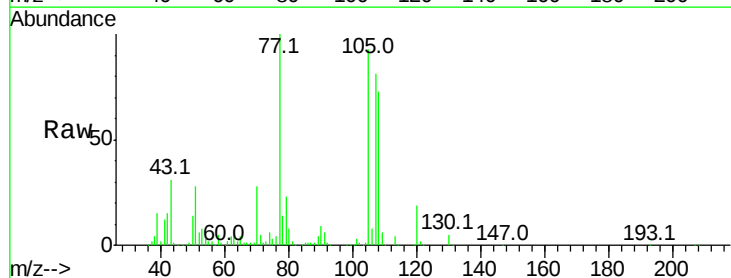
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

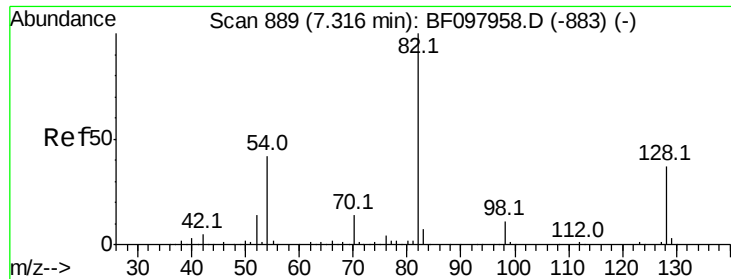
Tot Ion:136	Resp:	509949
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	7.4	4.9 7.3#
68	7.0	4.1 6.1#



#22
Acetophenone
Concen: 37.412 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion:105	Resp:	504001
Ion Ratio	Lower	Upper
105	100	
71	5.1	2.8 4.2#
51	30.4	30.7 46.1#
120	20.0	17.4 26.0

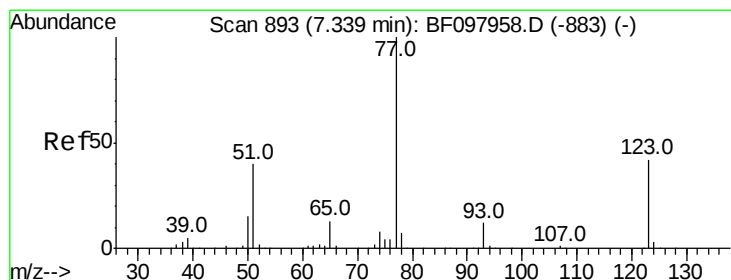
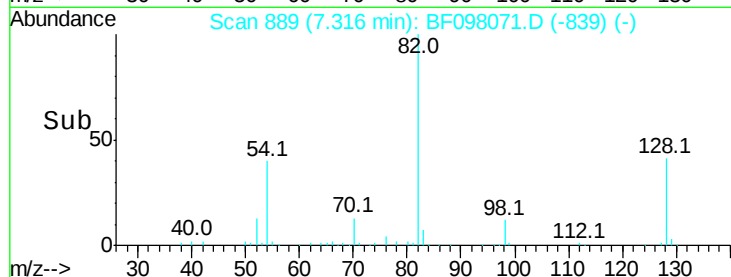
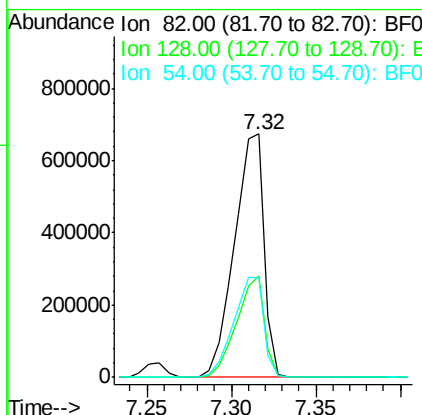
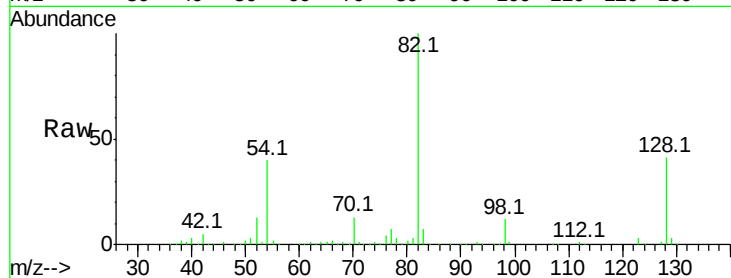




#23
Nitrobenzene-d5
Concen: 87.607 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

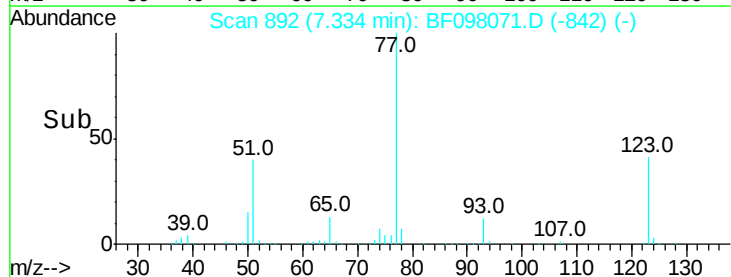
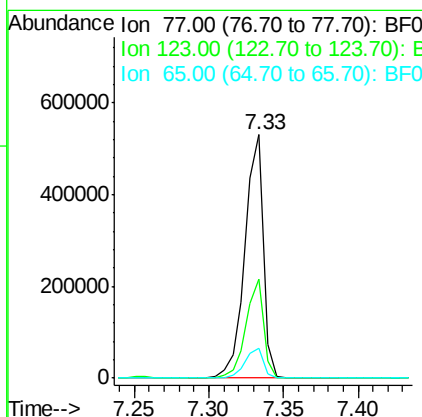
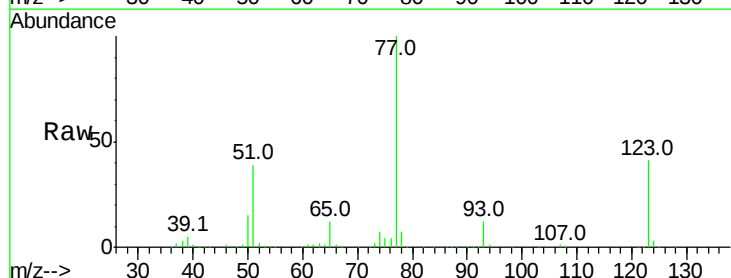
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

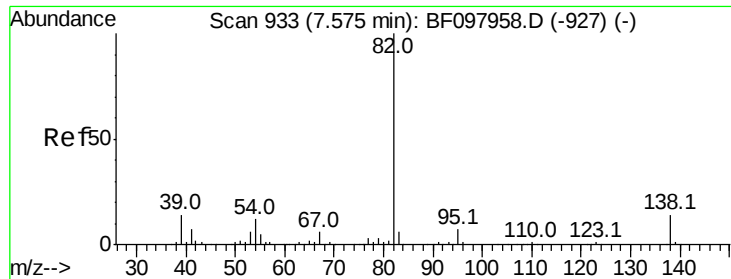
Tot Ion: 82 Resp: 822372
Ion Ratio Lower Upper
82 100
128 41.4 34.0 51.0
54 40.4 42.2 63.2#



#24
Nitrobenzene
Concen: 43.319 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion: 77 Resp: 452763
Ion Ratio Lower Upper
77 100
123 40.6 35.8 53.8
65 12.3 10.6 15.8





#25

Isophorone

Concen: 39.153 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

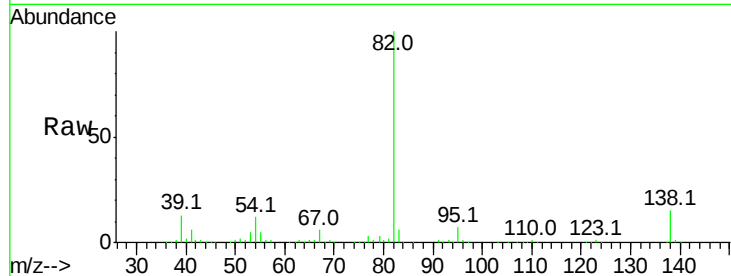
Tot Ion: 82 Resp: 764235

Ion Ratio Lower Upper

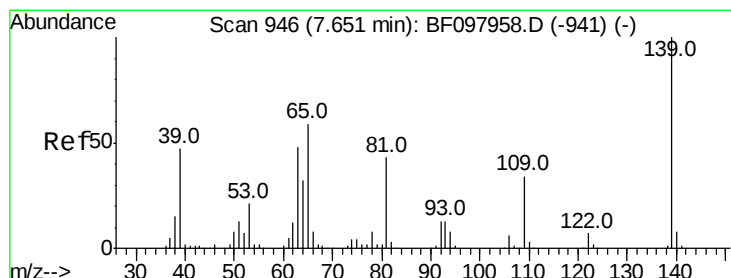
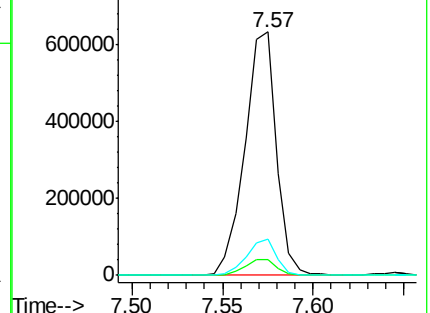
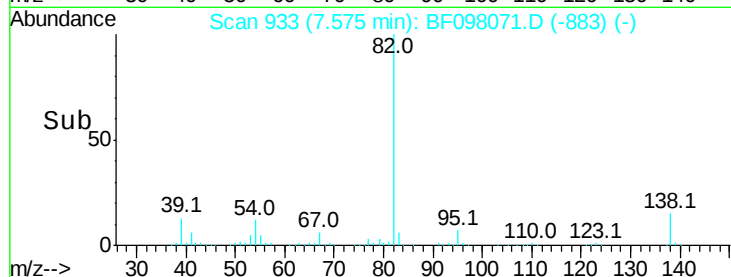
82 100

95 6.7 5.3 7.9

138 15.1 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.595 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

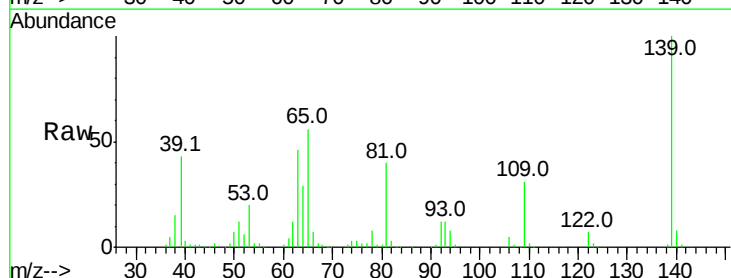
Tgt Ion: 139 Resp: 184292

Ion Ratio Lower Upper

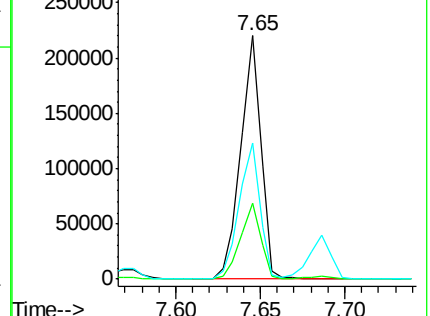
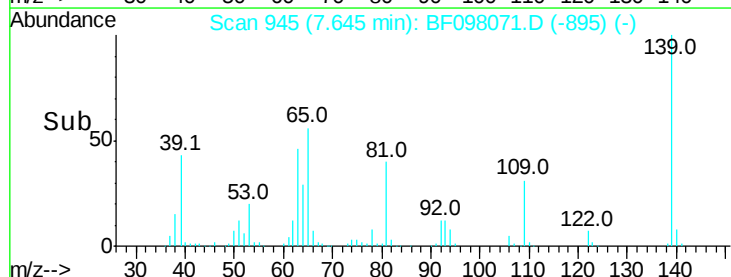
139 100

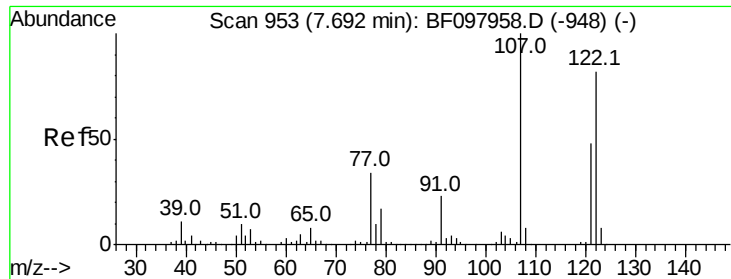
109 31.0 21.0 31.6

65 55.9 33.0 49.6#



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

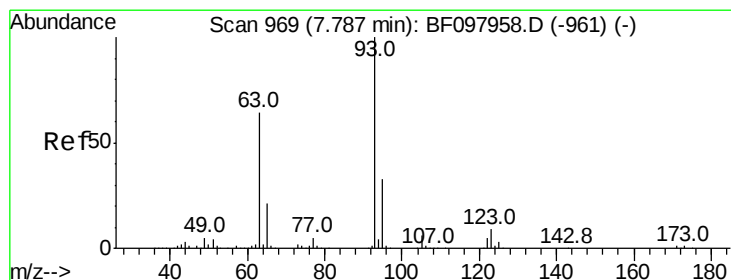
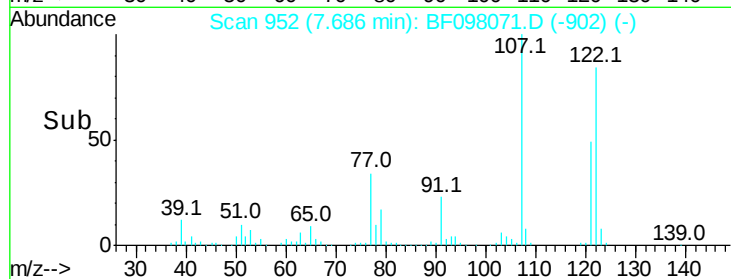
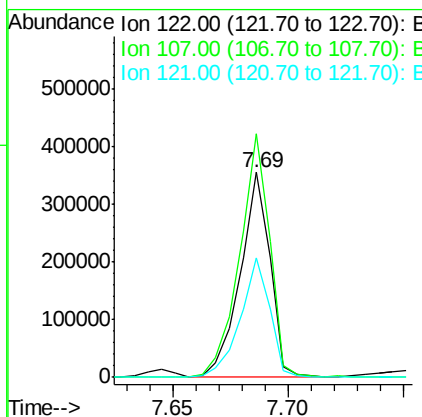
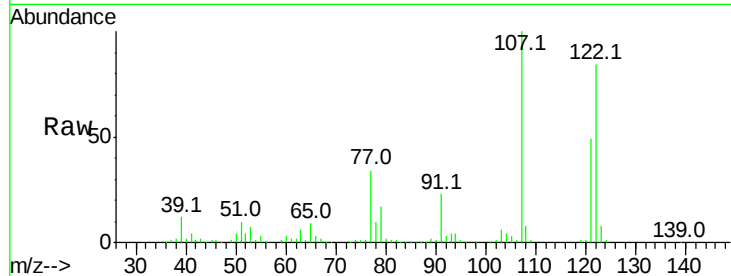




#27
 2,4-Dimethylphenol
 Concen: 39.372 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

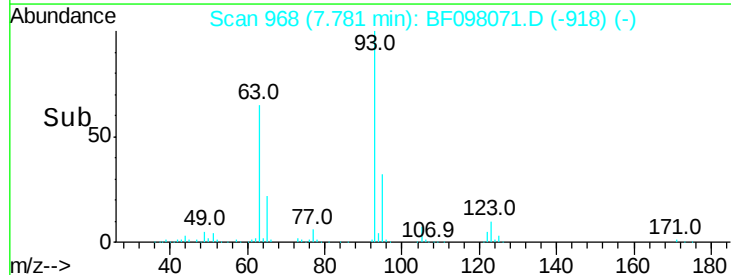
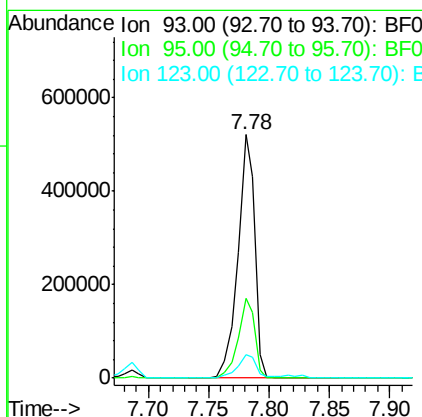
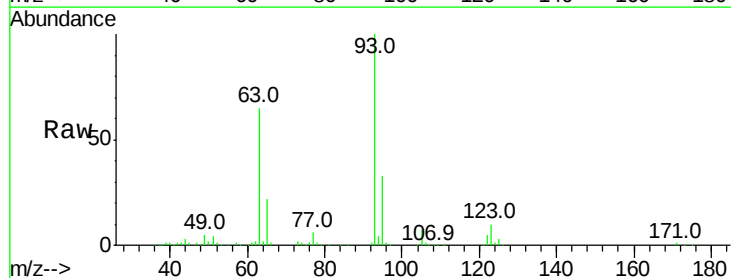
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

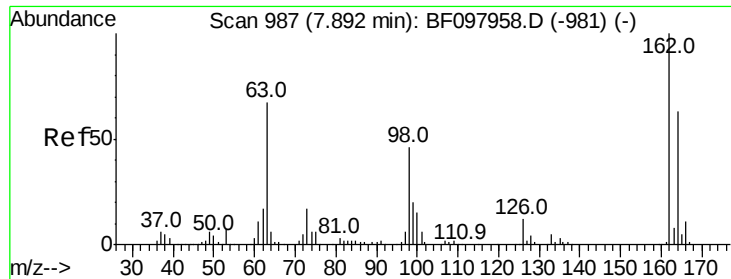
Tot Ion:122 Resp: 320507
 Ion Ratio Lower Upper
 122 100
 107 118.7 89.2 133.8
 121 58.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.484 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion: 93 Resp: 506686
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 9.6 9.0 13.4

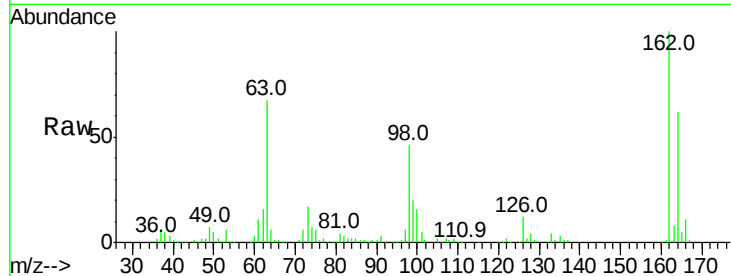




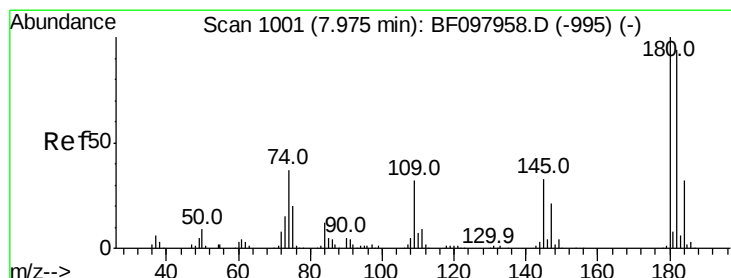
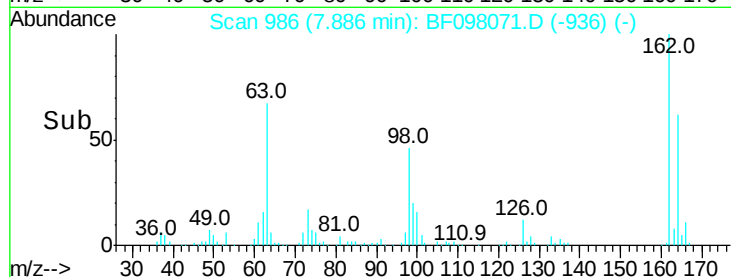
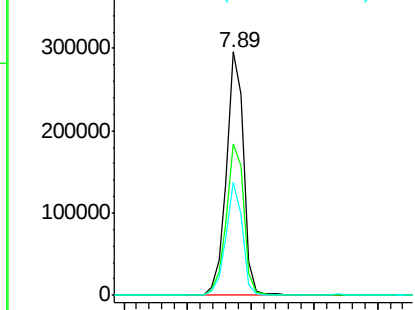
#29
 2,4-Dichlorophenol
 Concen: 40.917 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	46.5	14.8	54.8

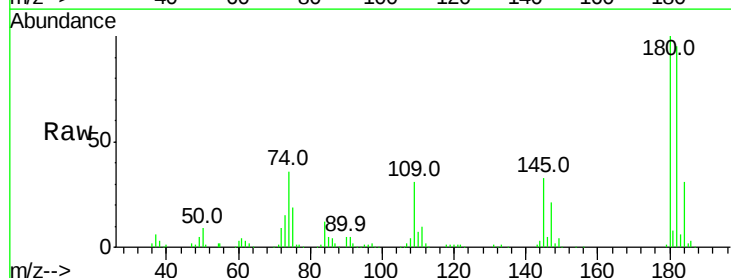


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

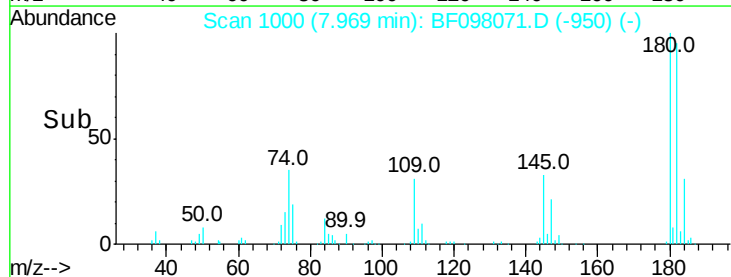
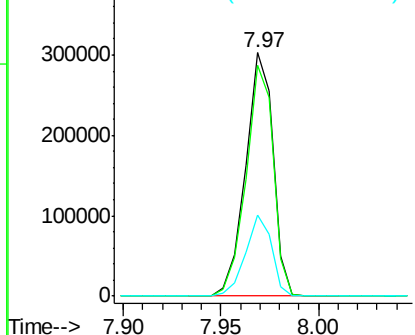


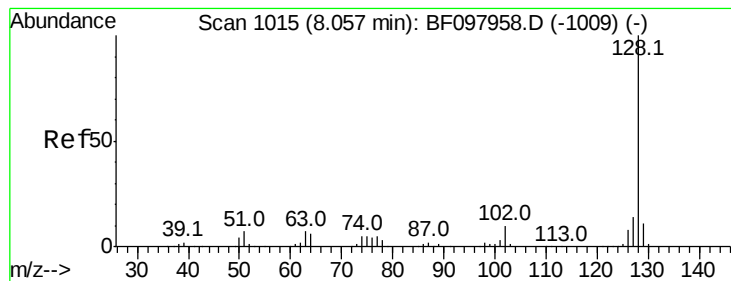
#30
 1,2,4-Trichlorobenzene
 Concen: 39.373 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	33.1	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: 39.276 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

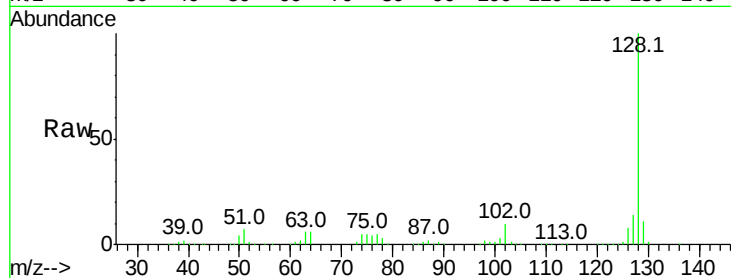
Tot Ion:128 Resp: 1039795

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

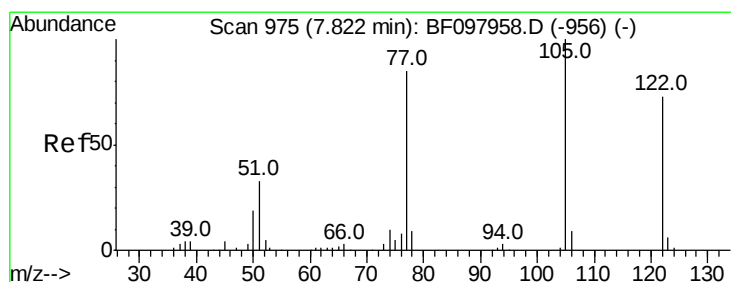
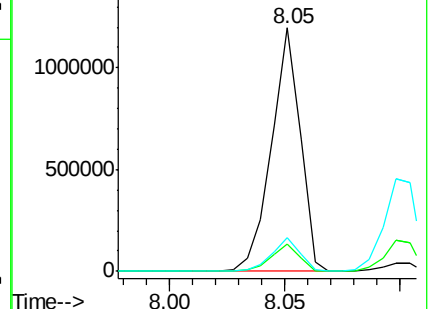
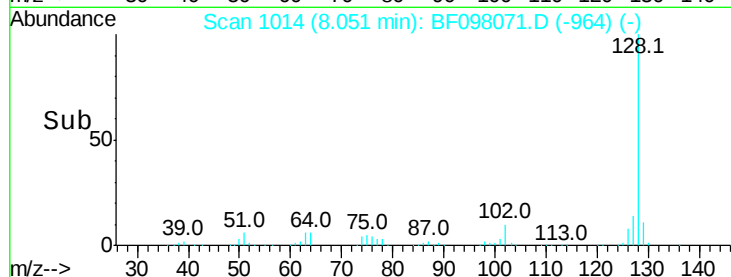
127 13.8 10.8 16.2



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: 35.381 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

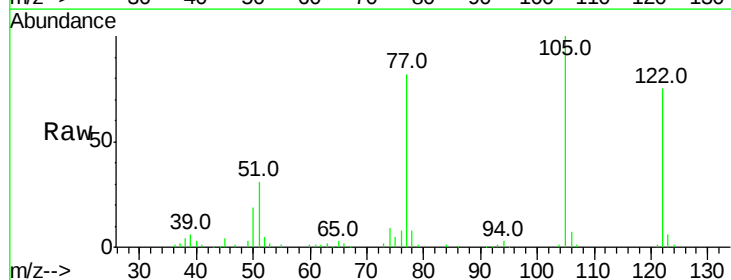
Tgt Ion:122 Resp: 198325

Ion Ratio Lower Upper

122 100

105 132.7 103.3 143.3

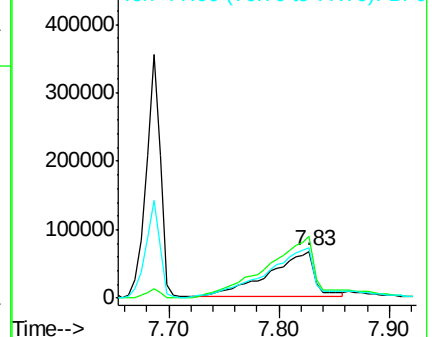
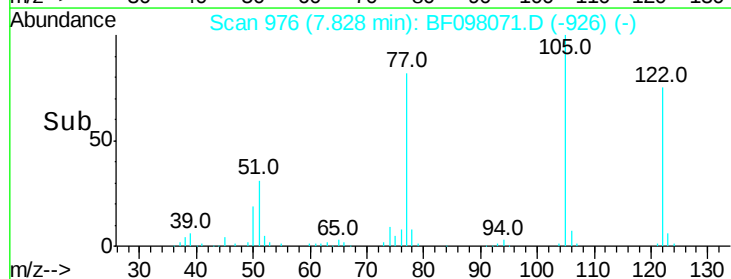
77 109.0 73.7 113.7

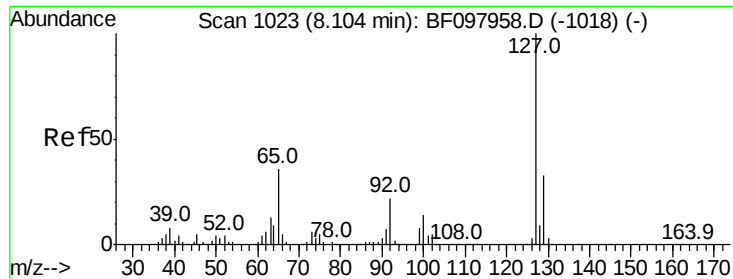


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

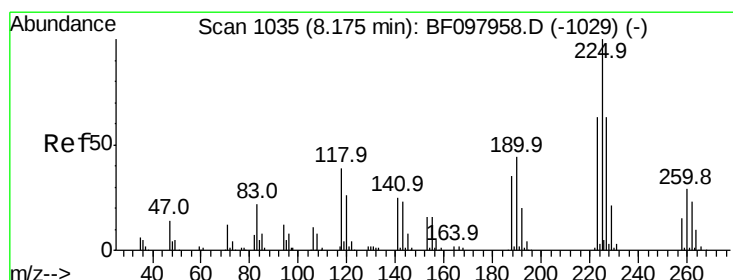
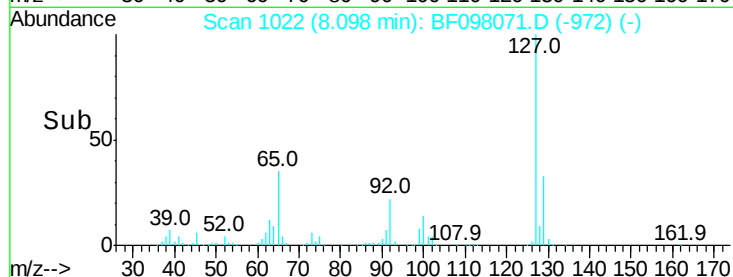
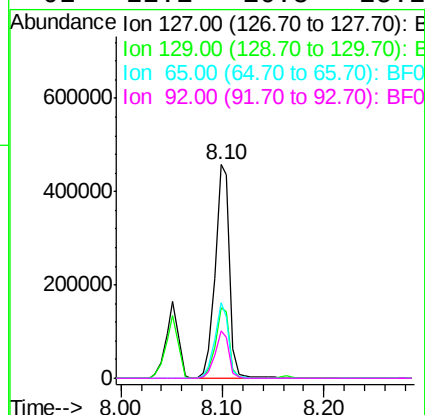
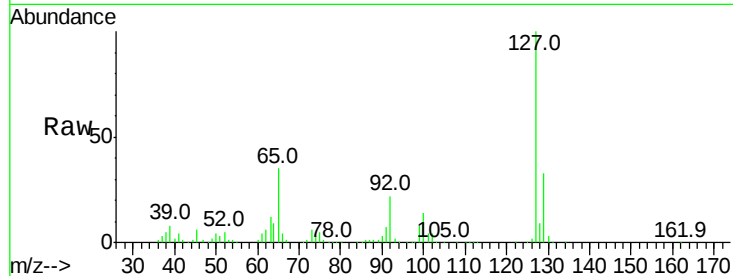




#33
4-Chloroaniline
Concen: 40.350 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

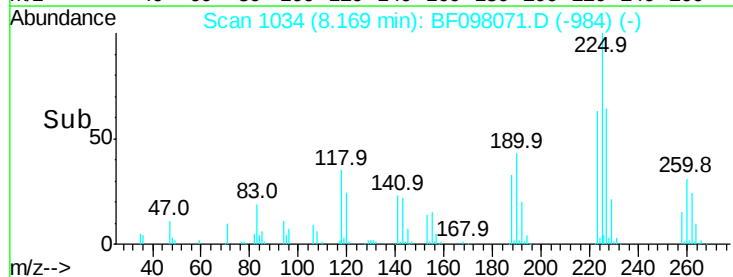
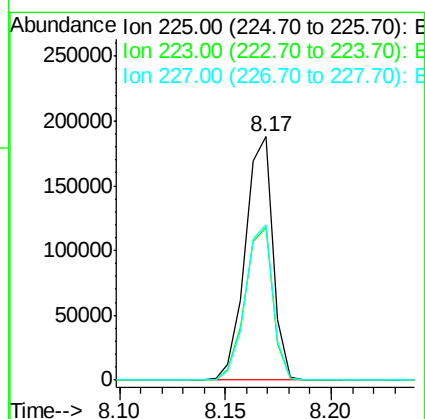
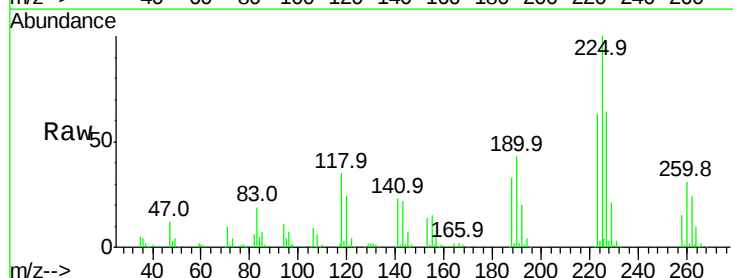
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

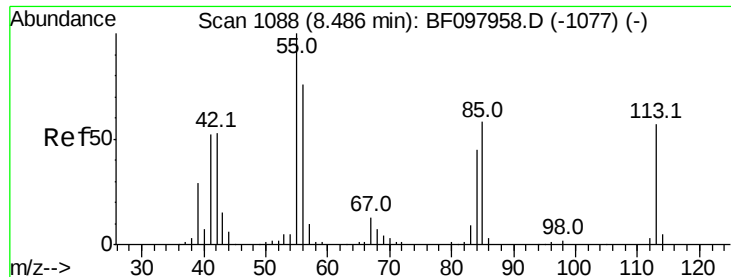
Tot Ion:	127	Resp:	450518
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	35.3	27.8	41.8
92	22.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.779 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion:	225	Resp:	169611
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	64.0	51.1	76.7





#35

Caprolactam

Concen: 44.347 ng

RT: 8.49 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

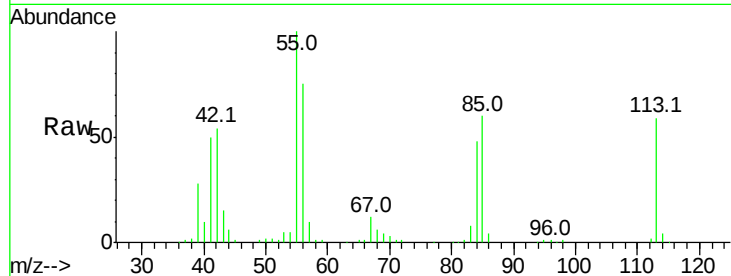
Tot Ion:113 Resp: 101876

Ion Ratio Lower Upper

113 100

55 169.0 150.2 190.2

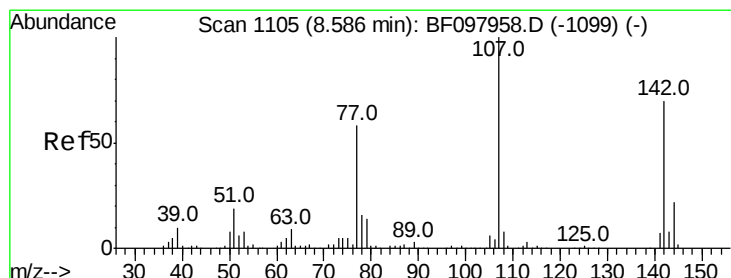
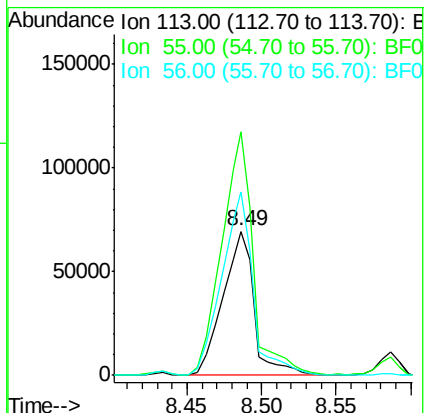
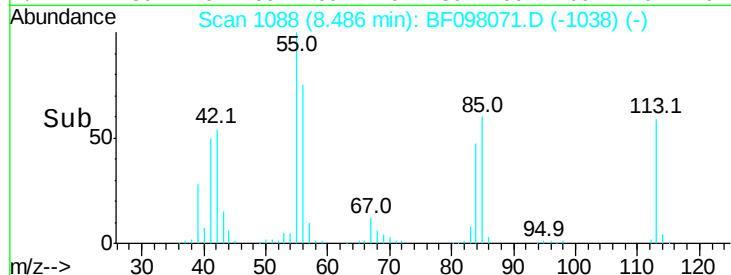
56 127.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.783 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

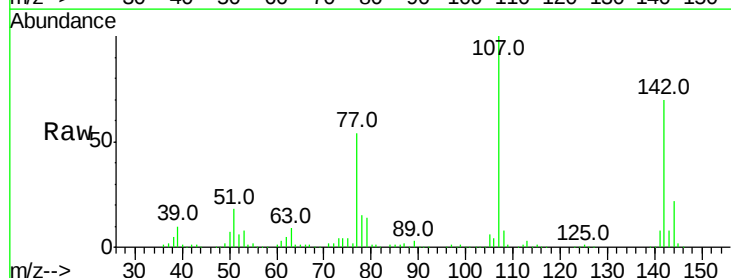
Tgt Ion:107 Resp: 354082

Ion Ratio Lower Upper

107 100

144 22.2 24.2 36.4#

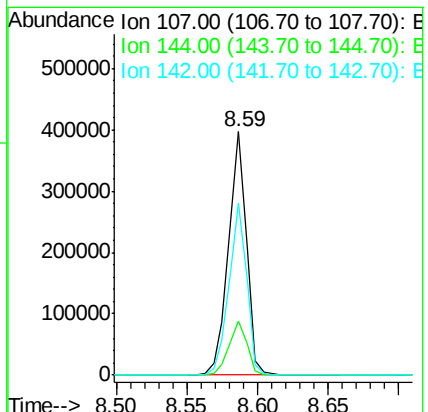
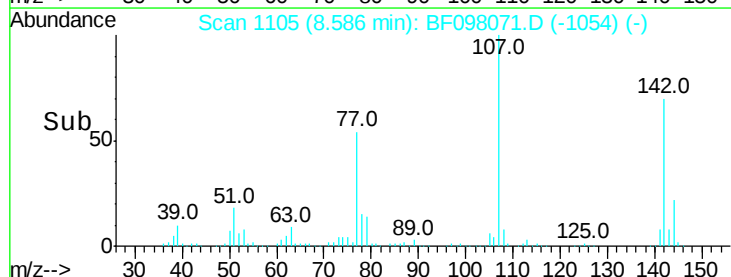
142 70.4 73.4 110.0#

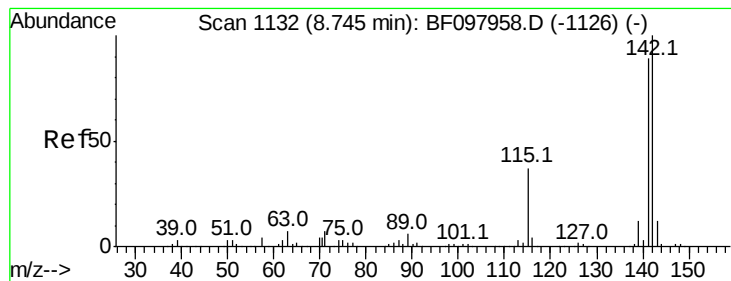


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.709 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

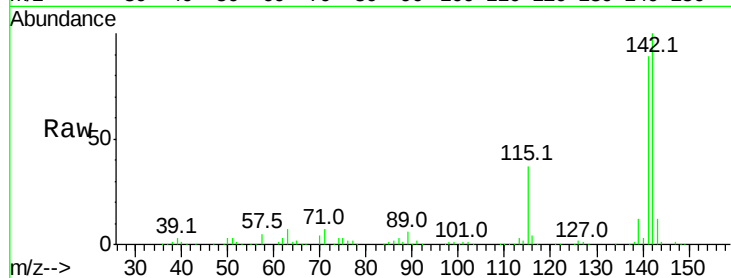
Tot Ion:142 Resp: 644510

Ion Ratio Lower Upper

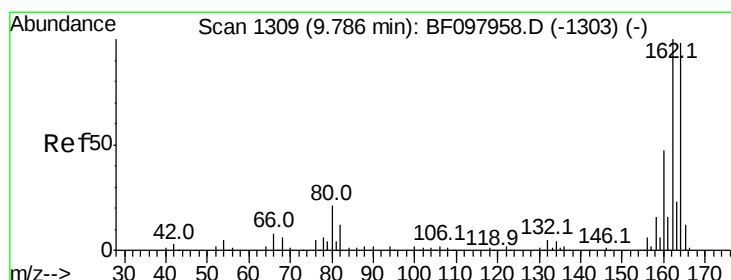
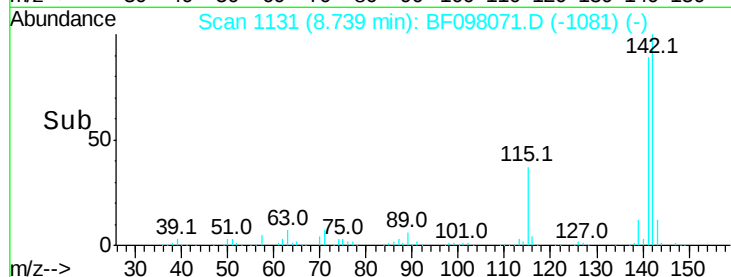
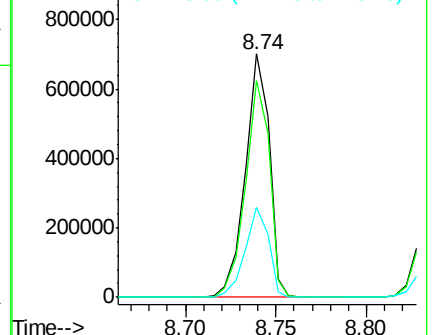
142 100

141 88.9 71.3 106.9

115 36.9 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: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

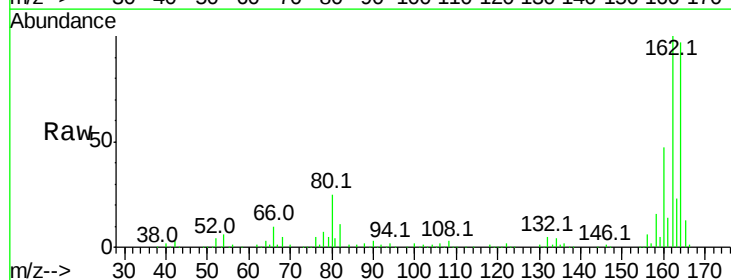
Tgt Ion:164 Resp: 229678

Ion Ratio Lower Upper

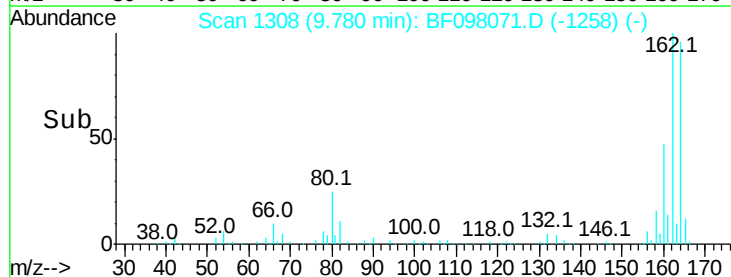
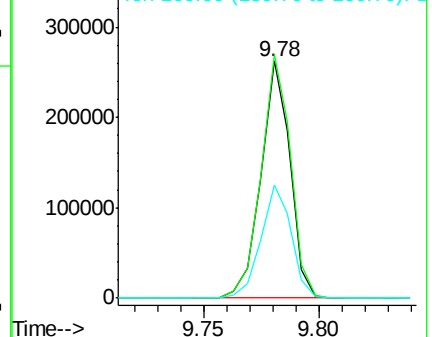
164 100

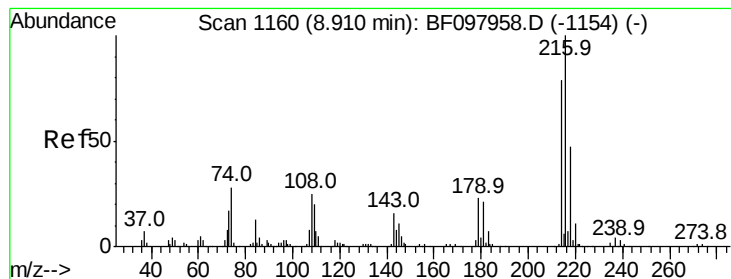
162 102.9 82.6 123.8

160 47.9 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: 39.698 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 279824

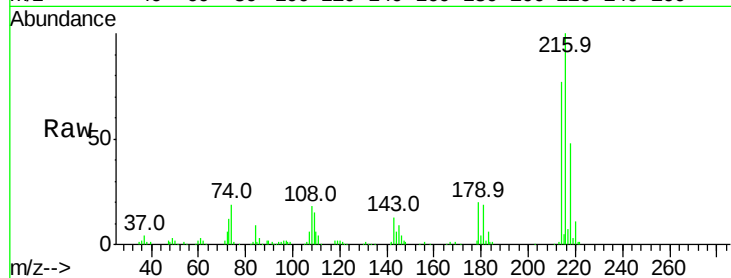
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 21.5 17.9 26.9

108 23.7 16.5 24.7

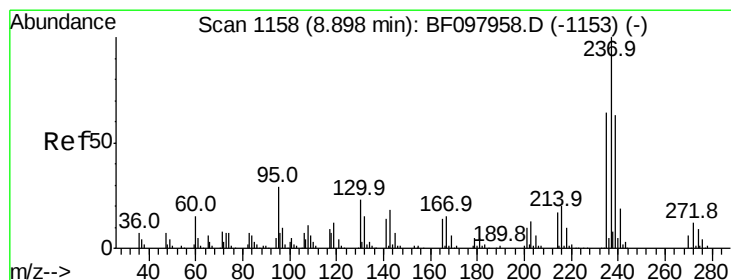
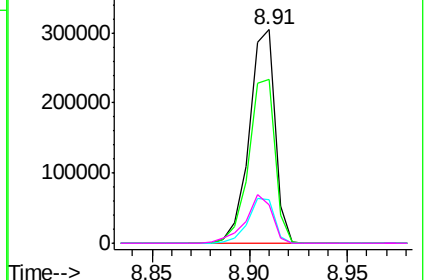
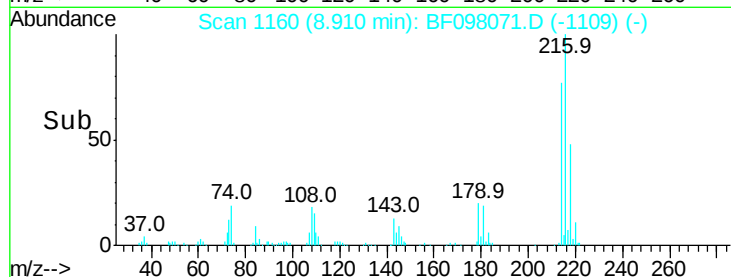


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.231 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

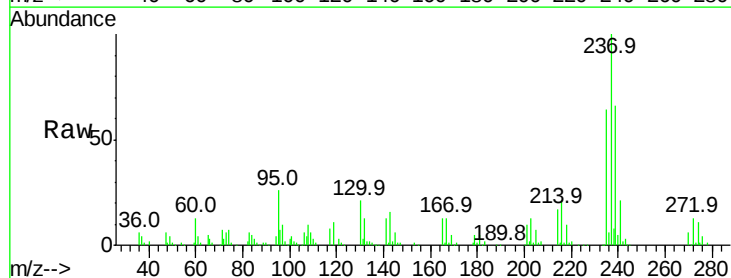
Tgt Ion:237 Resp: 119303

Ion Ratio Lower Upper

237 100

235 64.3 42.6 82.6

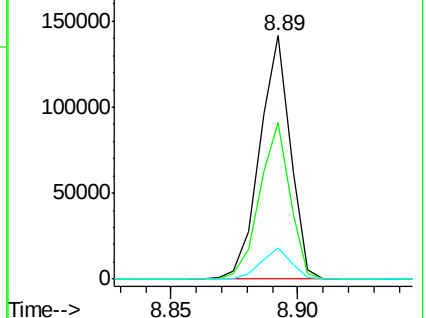
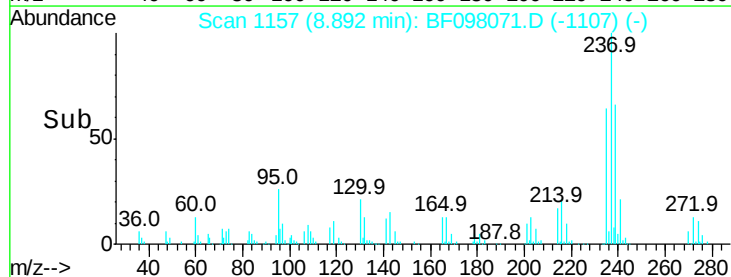
272 12.7 0.0 31.9

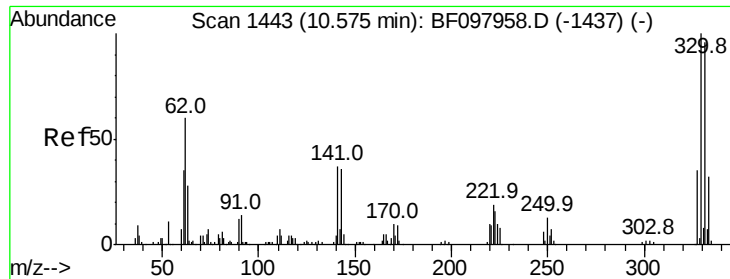


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

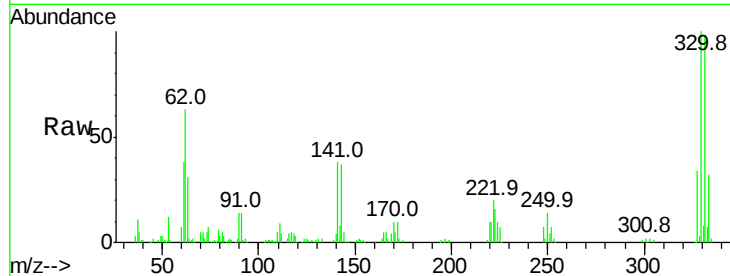




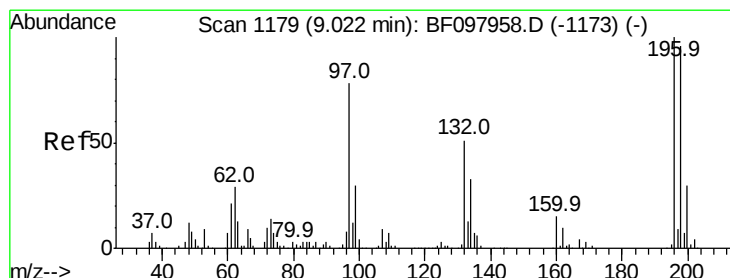
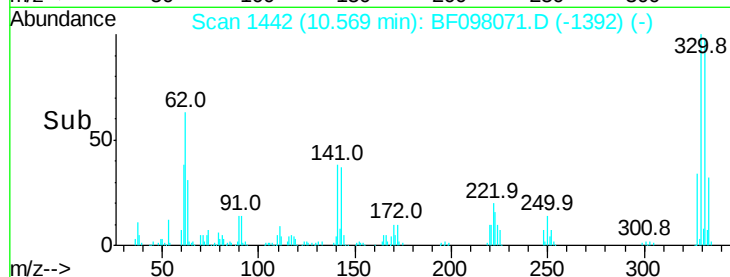
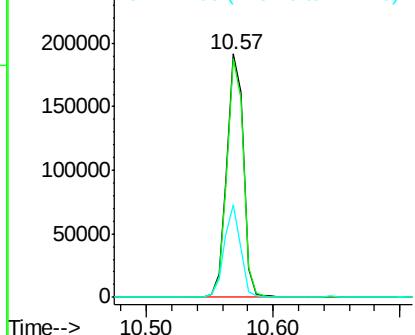
#41
 2,4,6-Tribromophenol
 Concen: 87.565 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 174502
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 37.4 31.4 47.2

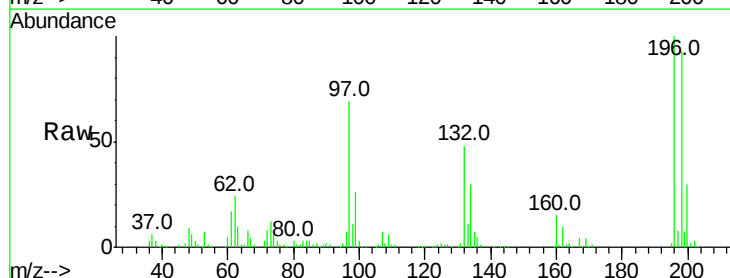


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

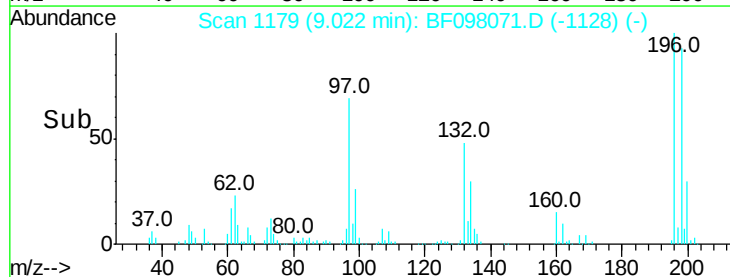
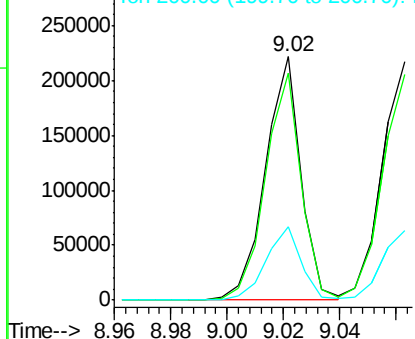


#42
 2,4,6-Trichlorophenol
 Concen: 40.679 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion:196 Resp: 192506
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.2 111.4
 200 30.4 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

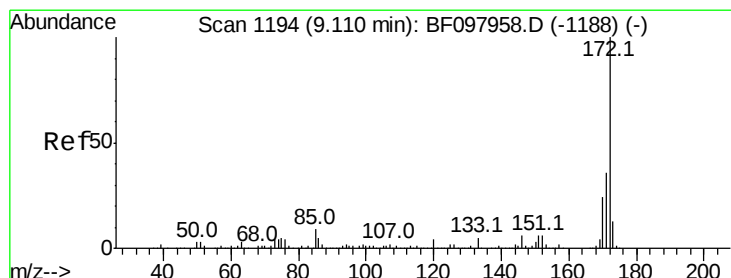
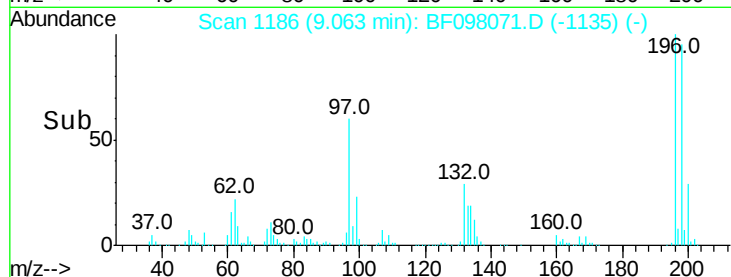
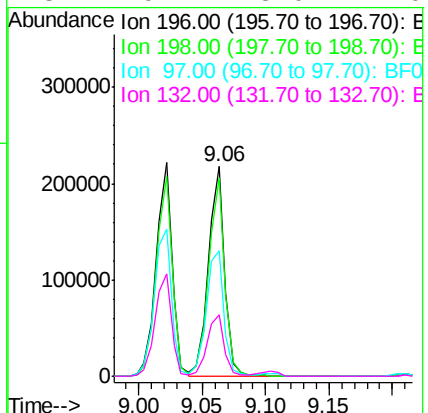
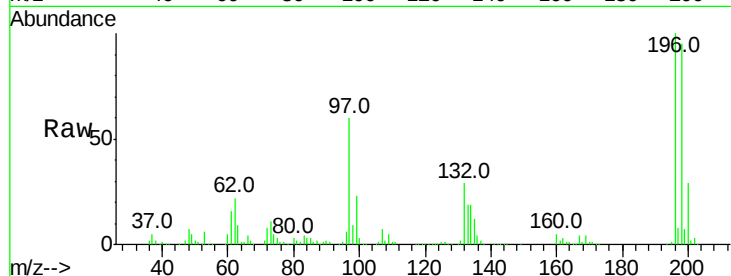




#43
 2,4,5-Trichlorophenol
 Concen: 41.910 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

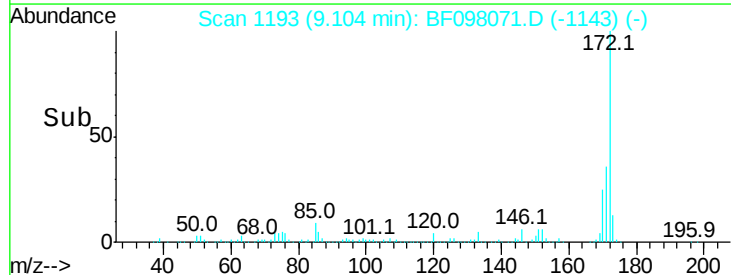
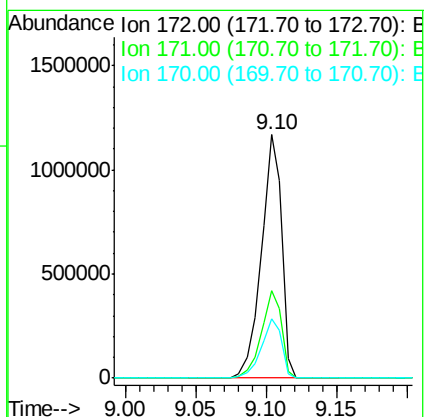
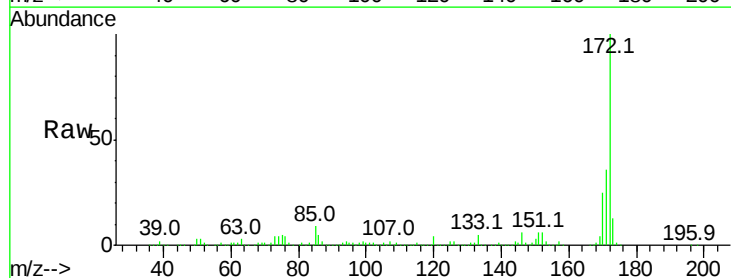
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

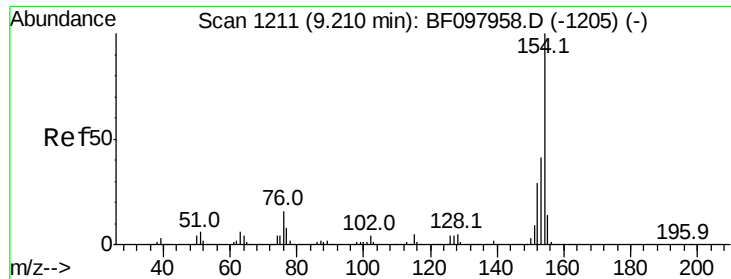
Tot Ion:196 Resp: 196759
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 97 60.1 47.7 71.5
 132 29.2 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 75.945 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion:172 Resp: 1187239
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.6 19.8 29.8

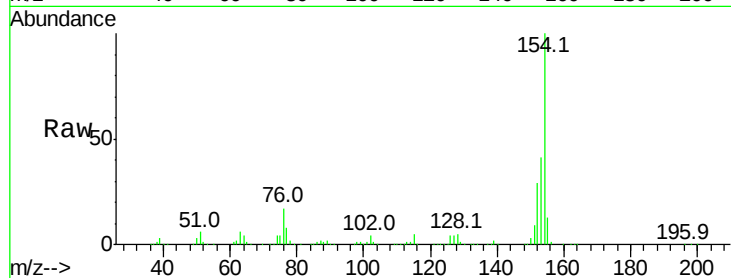




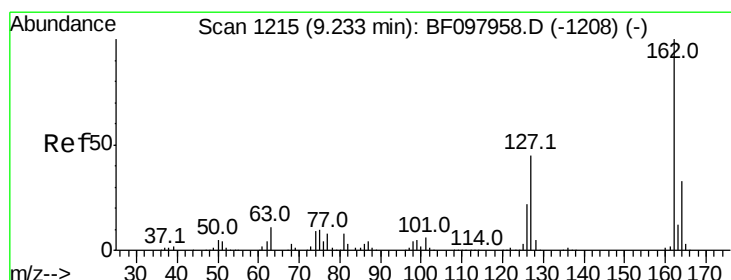
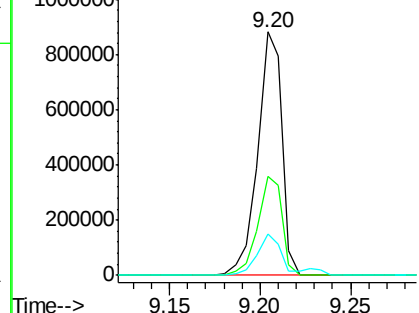
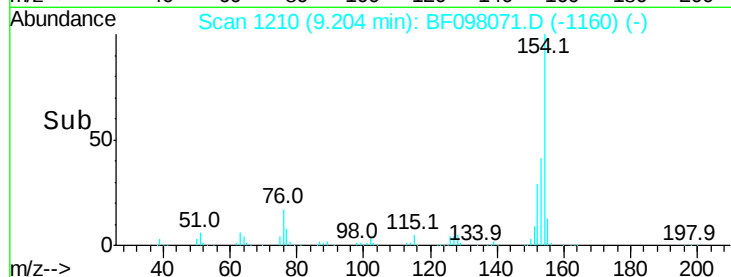
#45
 1,1'-Biphenyl
 Concen: 38.919 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	16.7	0.0	29.9

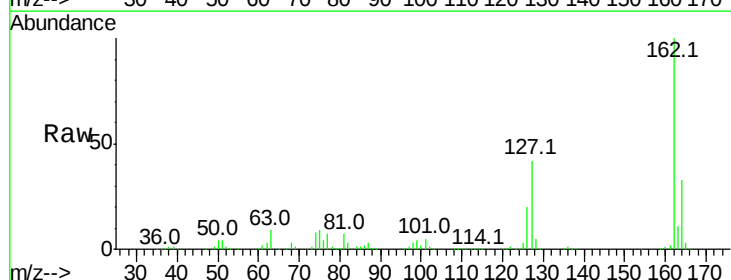


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

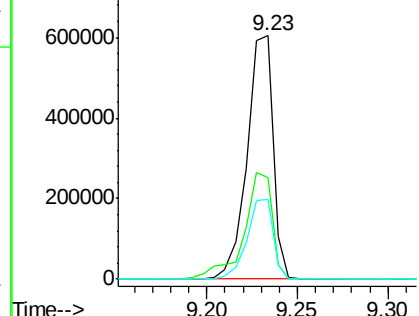
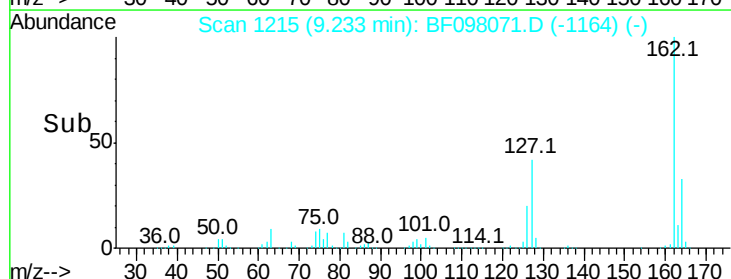


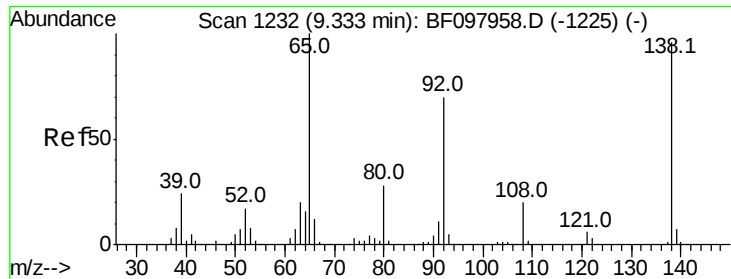
#46
 2-Chloronaphthalene
 Concen: 38.786 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	28.3	42.5
164	32.7	27.0	40.4



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

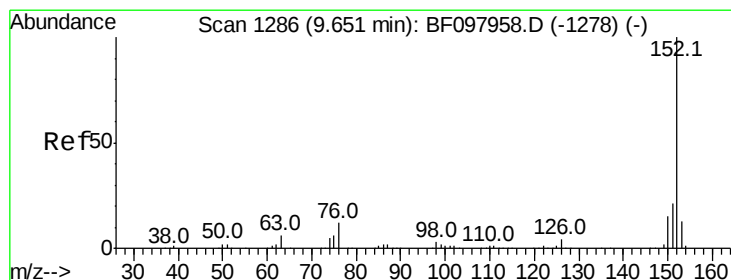
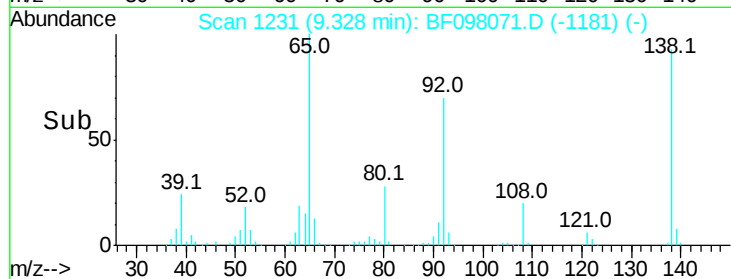
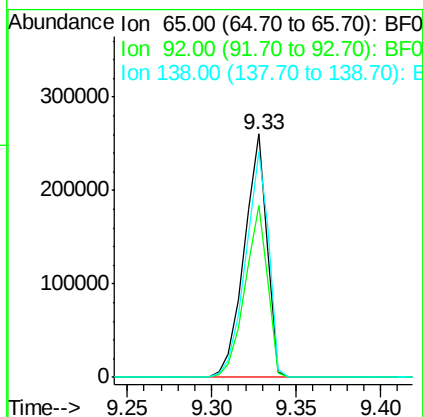
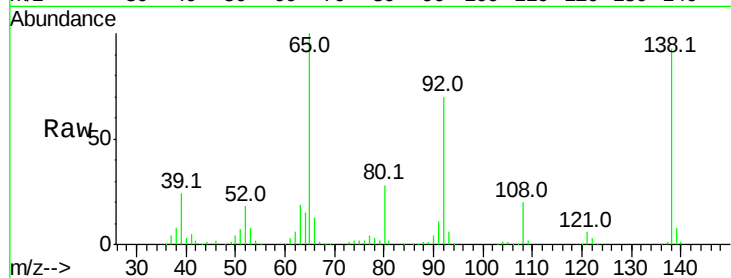




#47
2-Nitroaniline
Concen: 47.506 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

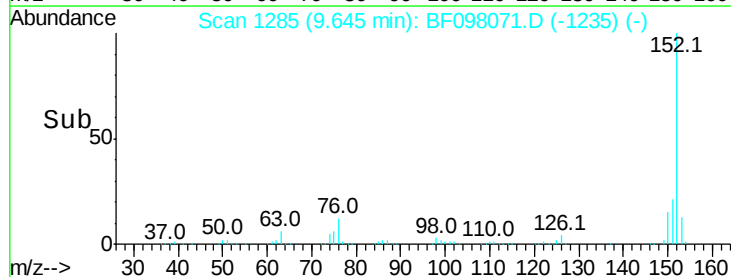
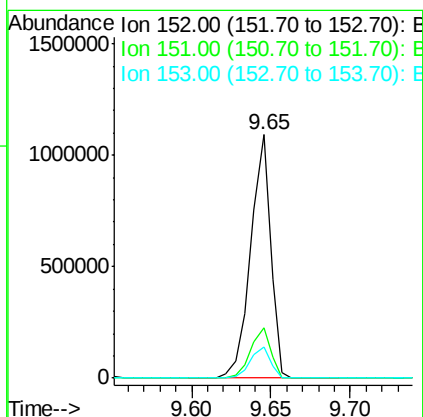
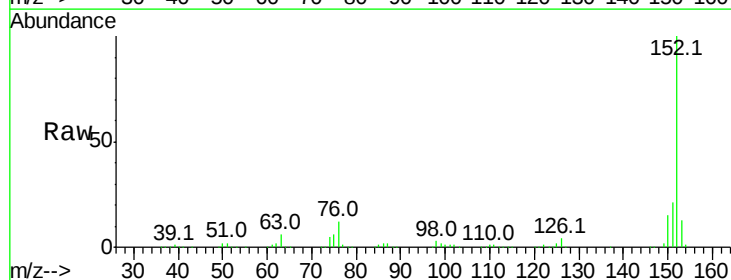
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

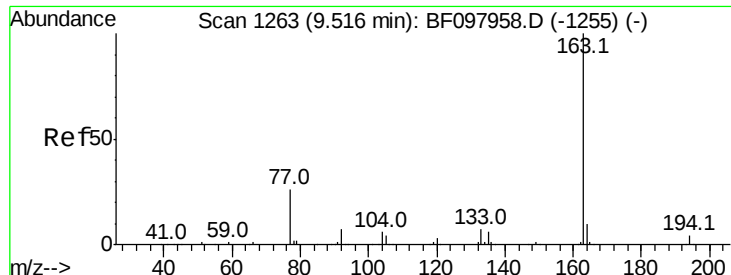
Tot Ion: 65 Resp: 246460
Ion Ratio Lower Upper
65 100
92 70.5 53.9 80.9
138 92.8 78.8 118.2



#48
Acenaphthylene
Concen: 39.200 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion:152 Resp: 952622
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.0 10.8 16.2

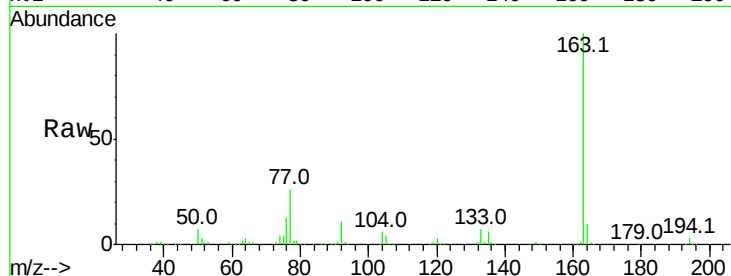




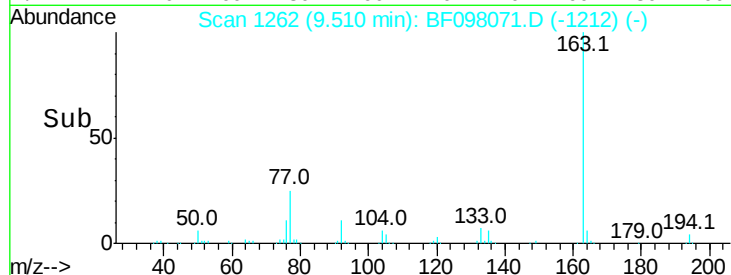
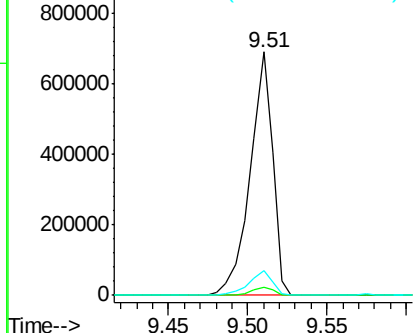
#49
Dimethylphthalate
Concen: 40.493 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 679830
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6

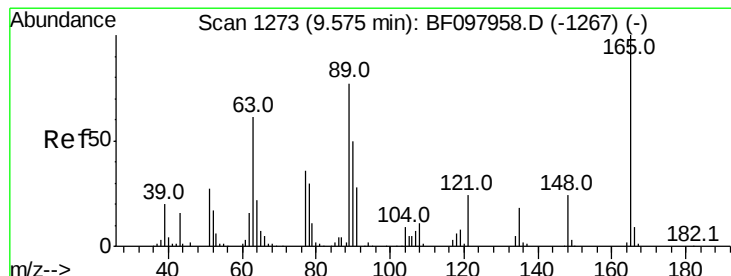


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

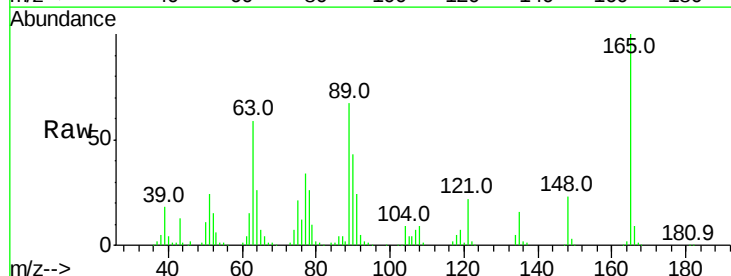
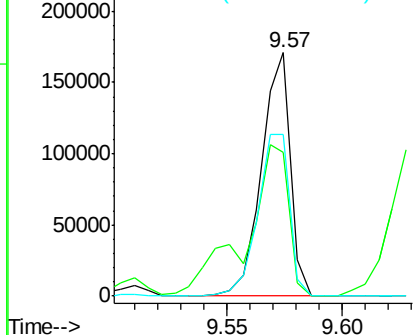


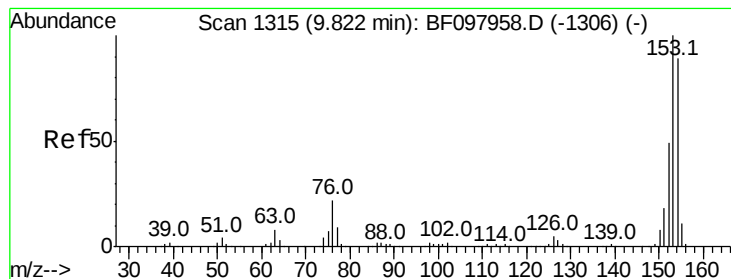
#50
2,6-Dinitrotoluene
Concen: 44.292 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion:165 Resp: 148431
Ion Ratio Lower Upper
165 100
63 58.8 34.3 51.5#
89 66.7 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: 37.240 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

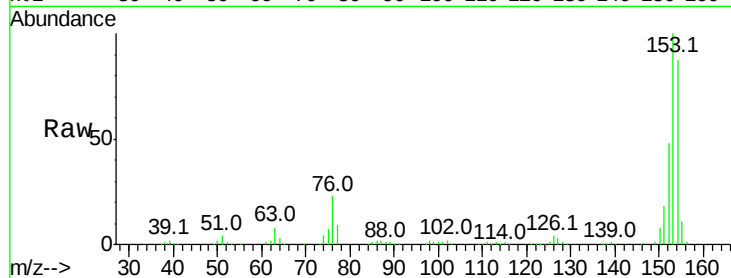
Tot Ion:154 Resp: 570769

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

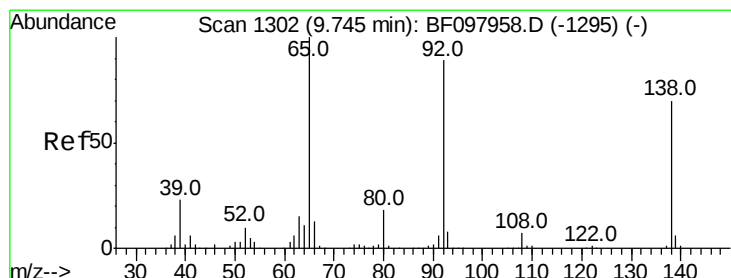
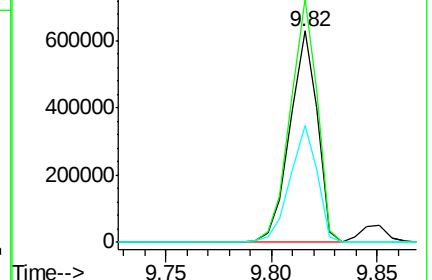
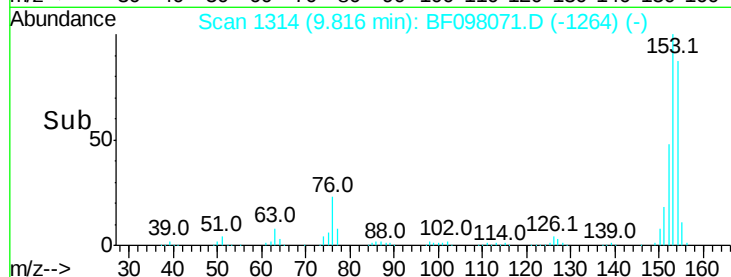
152 55.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.624 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

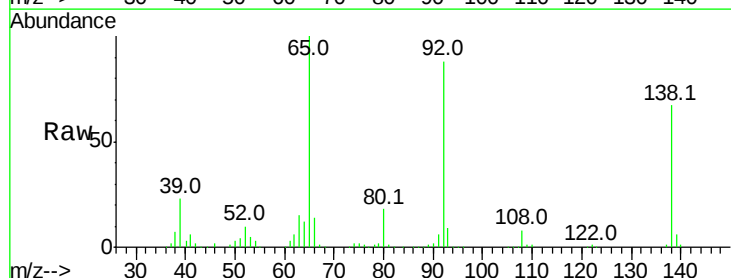
Tgt Ion:138 Resp: 197262

Ion Ratio Lower Upper

138 100

108 11.6 9.1 13.7

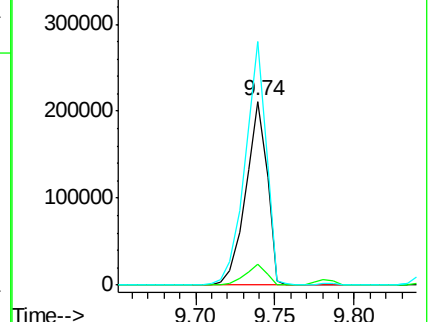
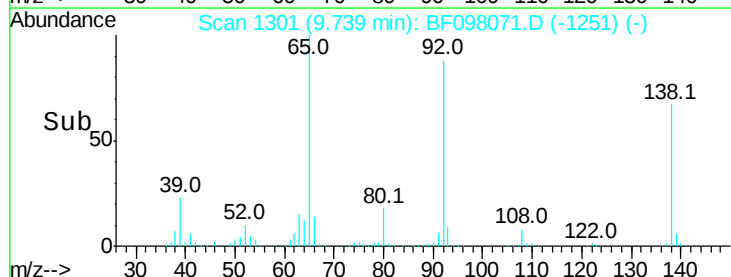
92 132.5 93.8 140.6



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

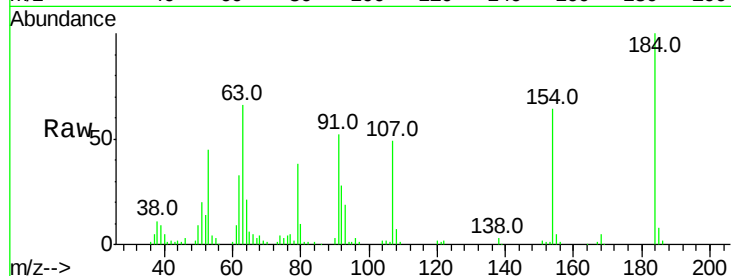




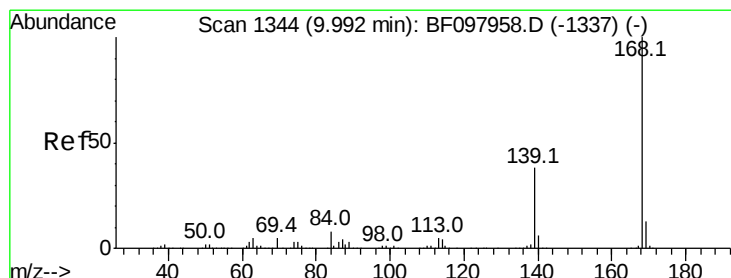
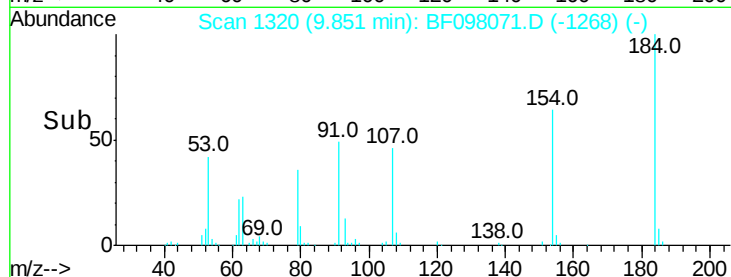
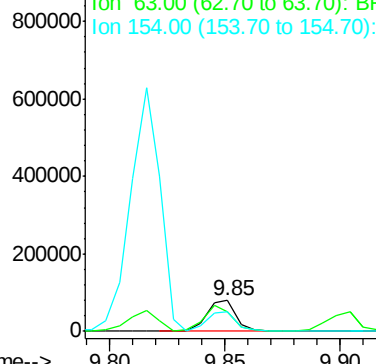
#53
 2,4-Dinitrophenol
 Concen: 49.986 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 72738
 Ion Ratio Lower Upper
 184 100
 63 65.5 62.7 94.1
 154 63.5 81.1 121.7#

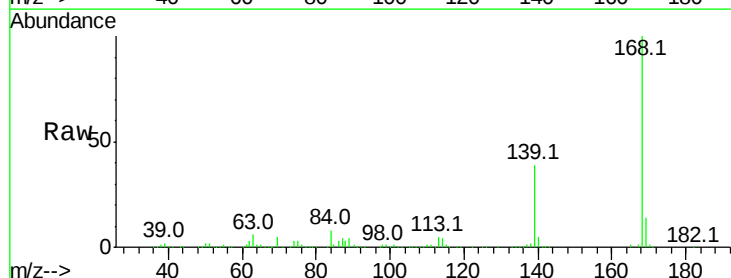


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

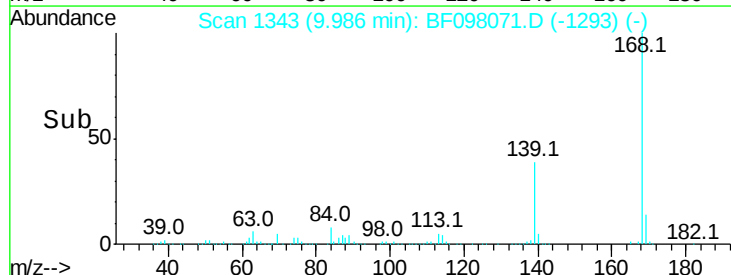
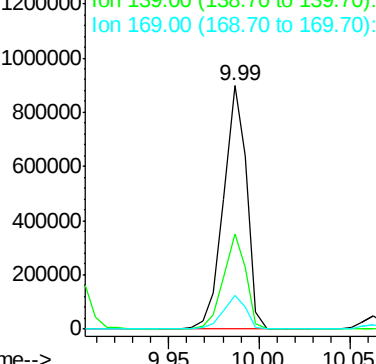


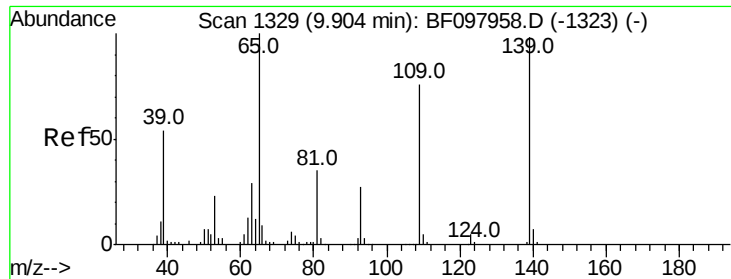
#54
 Dibenzofuran
 Concen: 38.708 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion:168 Resp: 795123
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.6 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 41.156 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

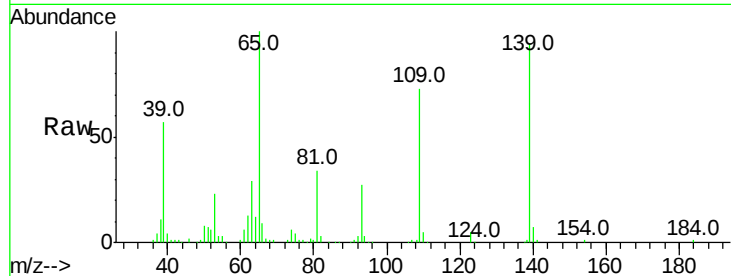
Tot Ion:139 Resp: 141949

Ion Ratio Lower Upper

139 100

109 76.8 34.1 74.1#

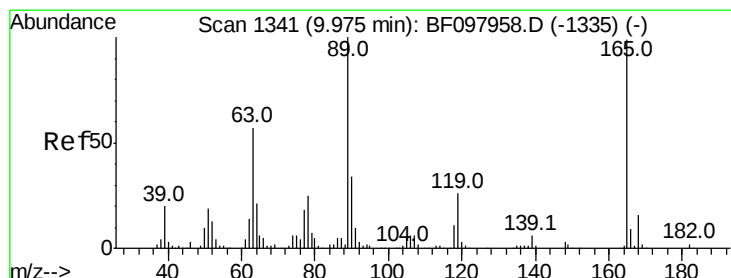
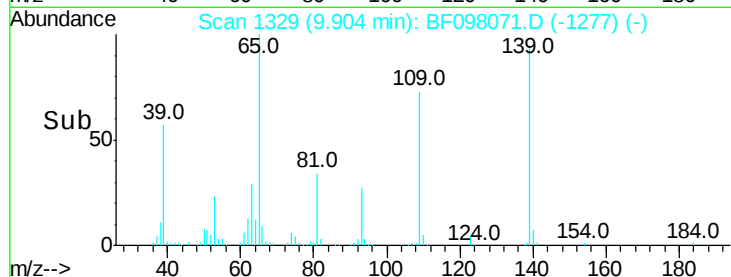
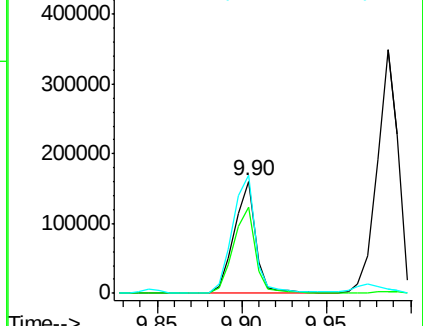
65 105.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.581 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Tgt Ion:165 Resp: 191698

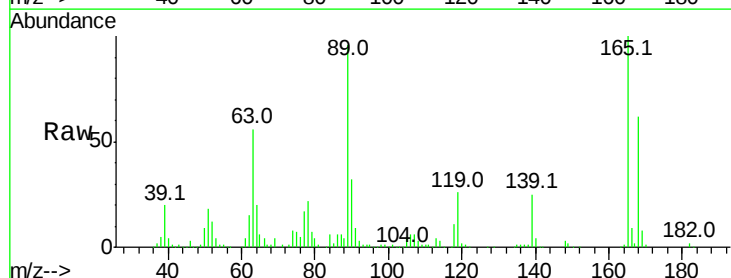
Ion Ratio Lower Upper

165 100

63 56.1 25.4 38.0#

89 96.2 46.4 69.6#

182 2.2 1.8 2.6

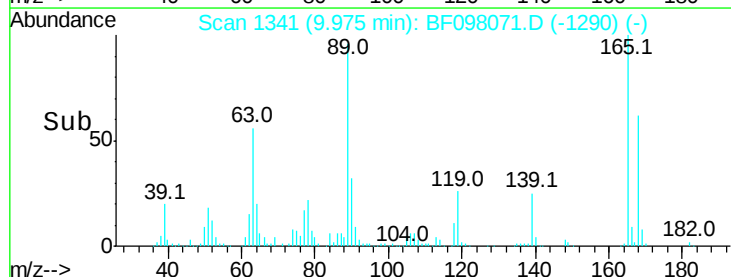
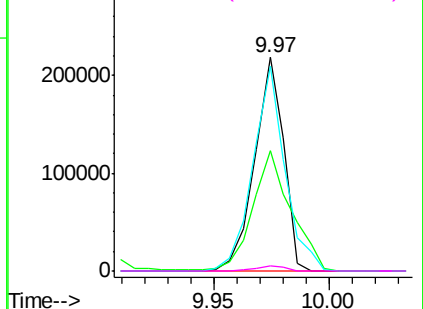


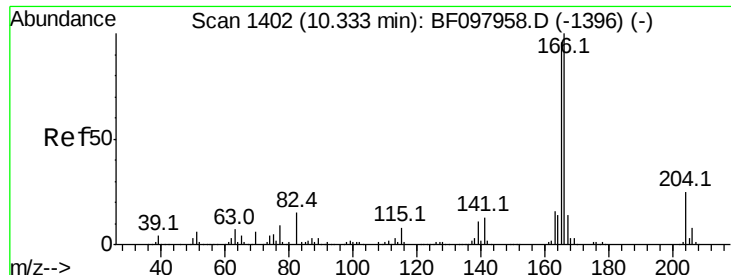
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

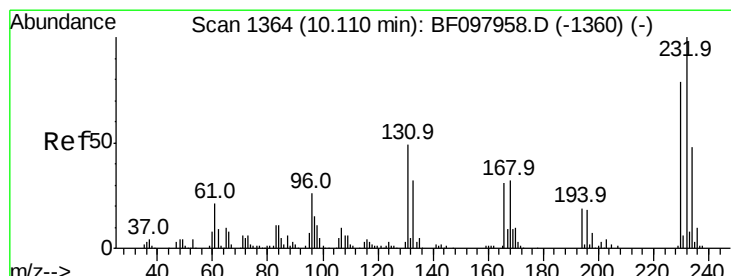
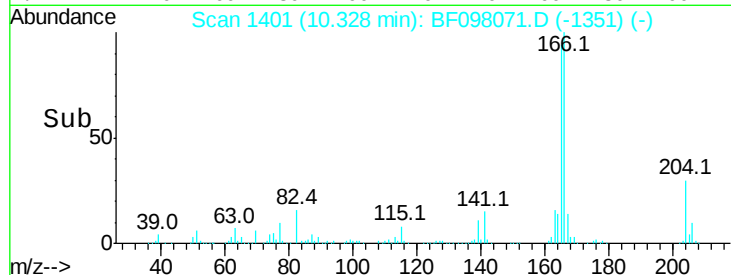
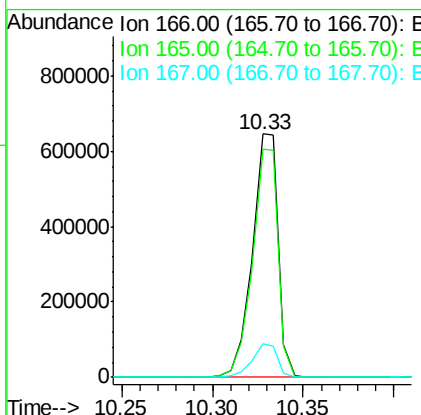
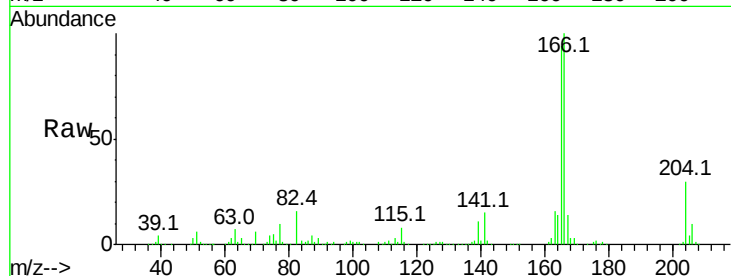




#57
 Fluorene
 Concen: 40.020 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

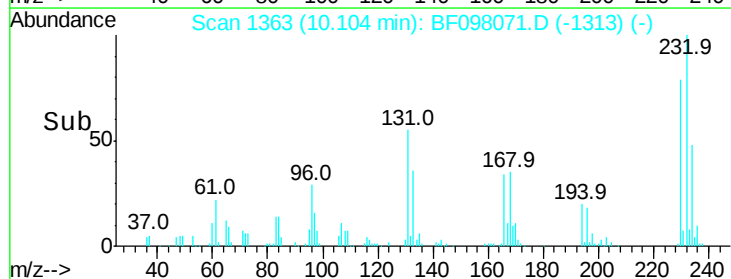
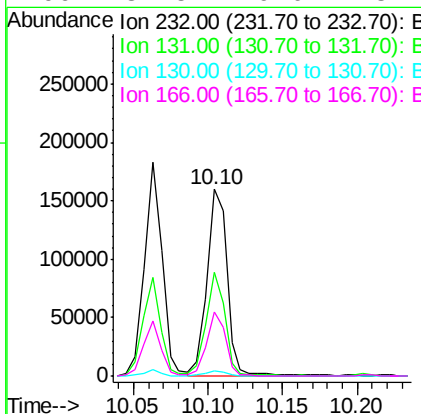
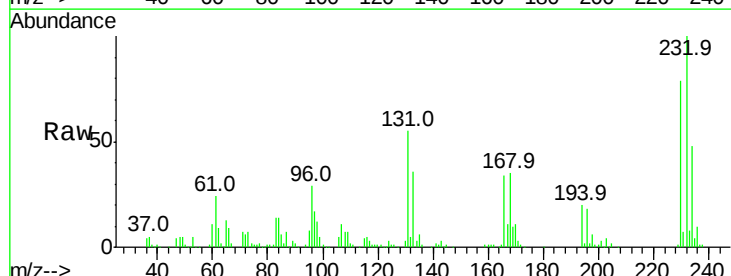
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

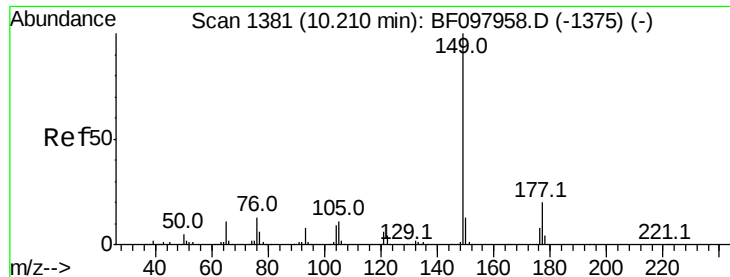
Tot Ion:166 Resp: 635574
 Ion Ratio Lower Upper
 166 100
 165 93.5 78.8 118.2
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.847 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion:232 Resp: 148475
 Ion Ratio Lower Upper
 232 100
 131 51.9 44.8 67.2
 130 2.9 2.3 3.5
 166 32.5 29.0 43.4

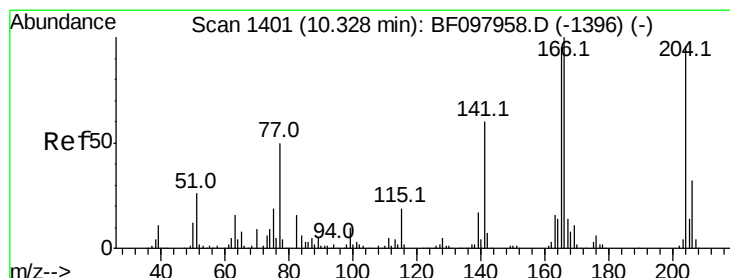
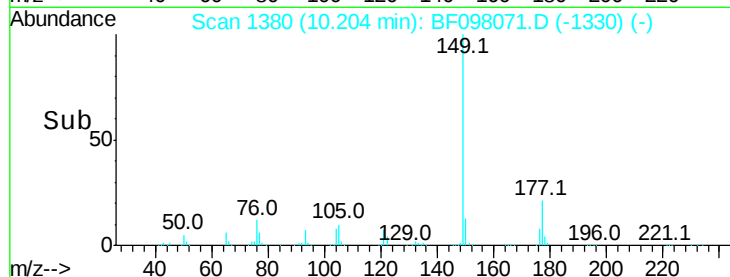
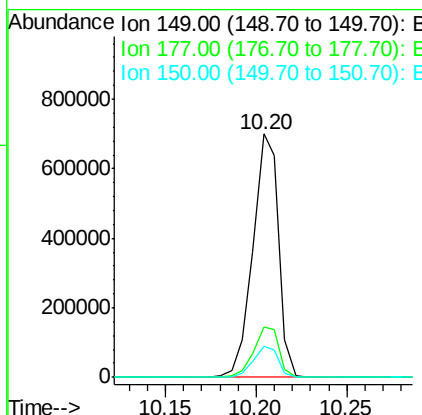
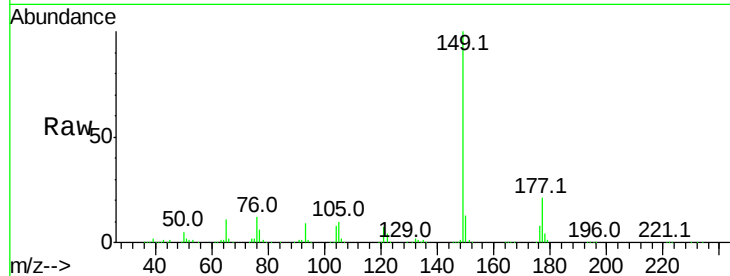




#59
Diethylphthalate
Concen: 39.051 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

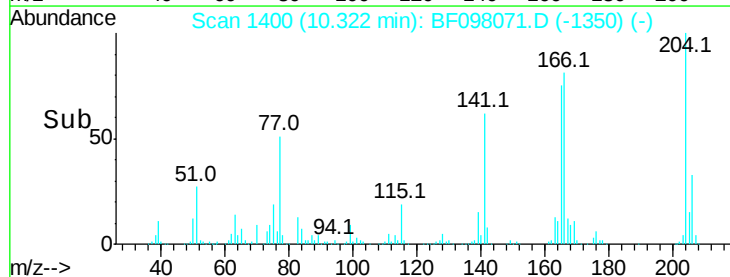
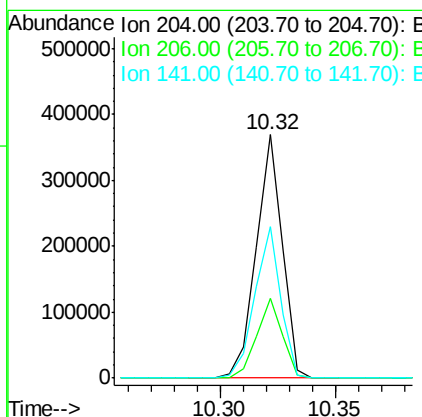
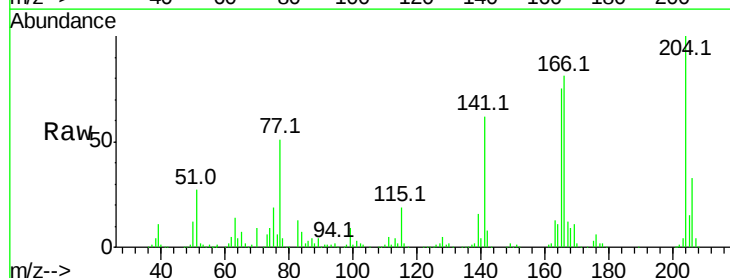
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

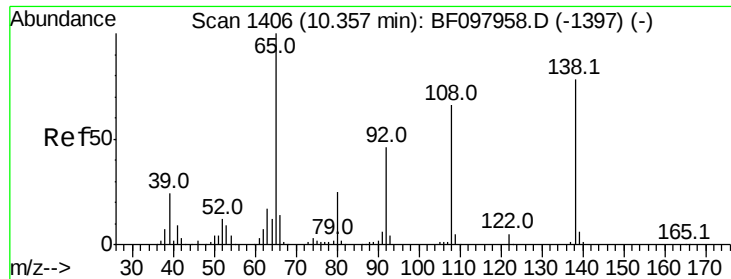
Tot Ion:149 Resp: 685609
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.615 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion:204 Resp: 292281
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 62.4 60.8 91.2

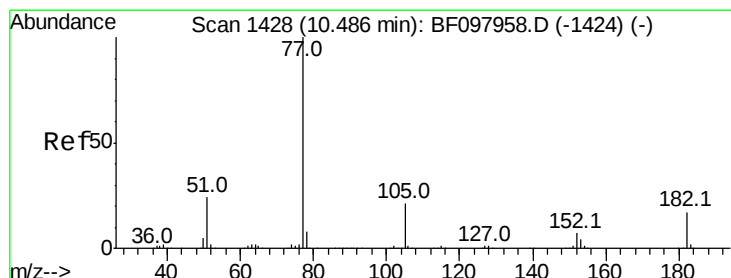
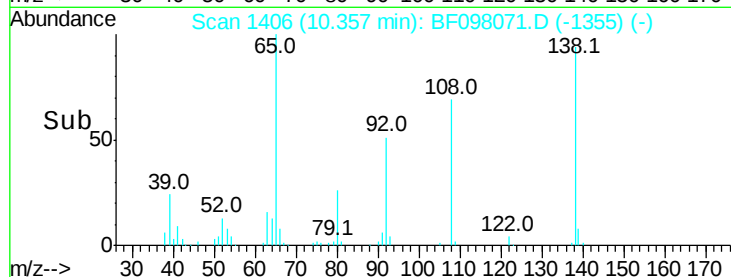
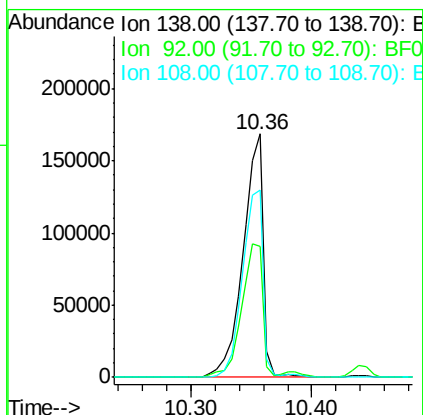
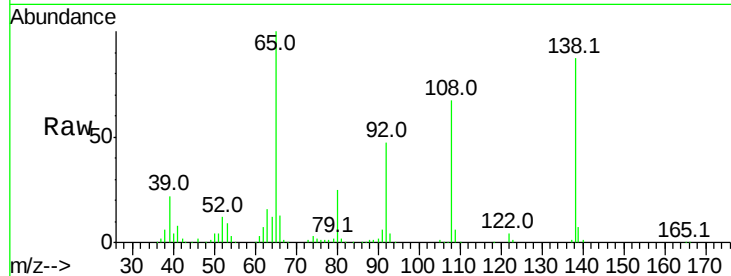




#61
4-Nitroaniline
Concen: 47.858 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

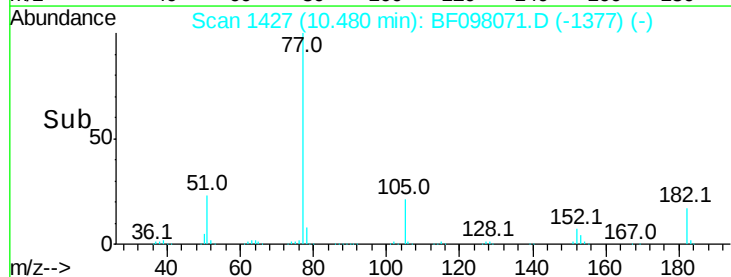
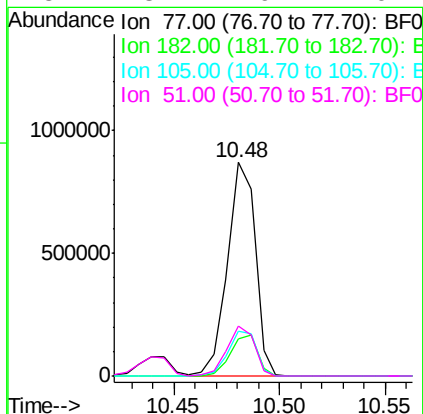
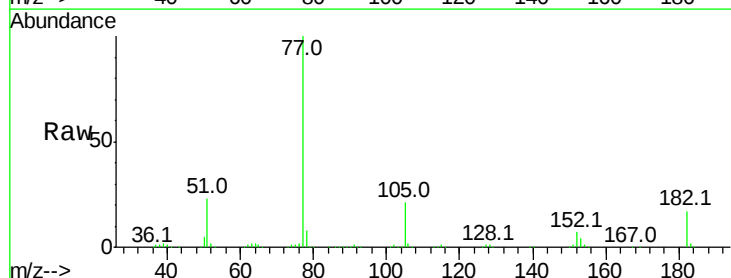
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

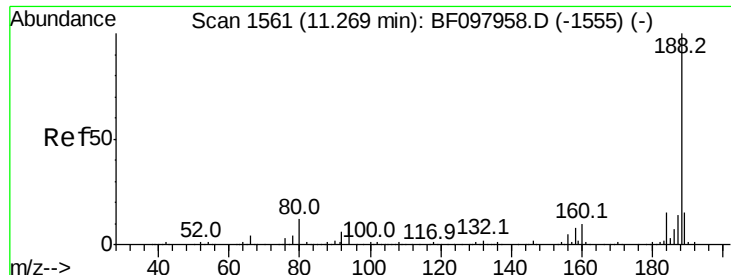
Tot Ion:138 Resp: 196667
Ion Ratio Lower Upper
138 100
92 53.9 21.8 61.8
108 76.8 42.3 82.3



#62
Azobenzene
Concen: 37.855 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion: 77 Resp: 789448
Ion Ratio Lower Upper
77 100
182 17.2 0.1 40.1
105 20.8 3.6 43.6
51 23.4 9.4 49.4

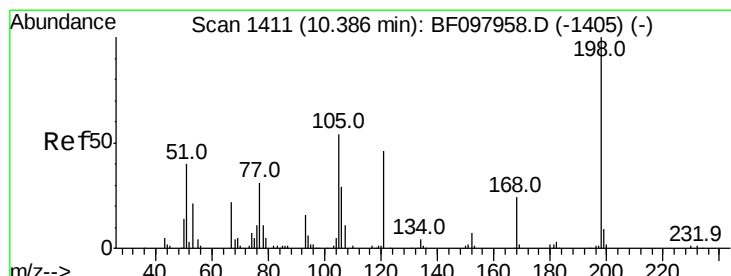
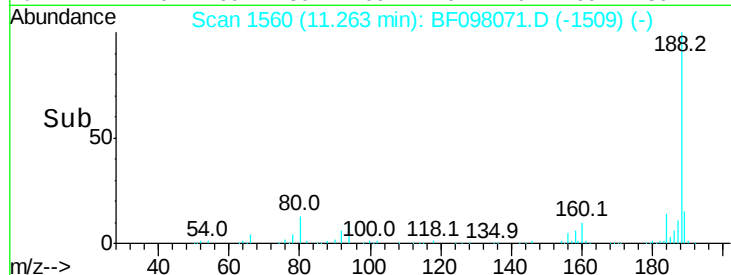
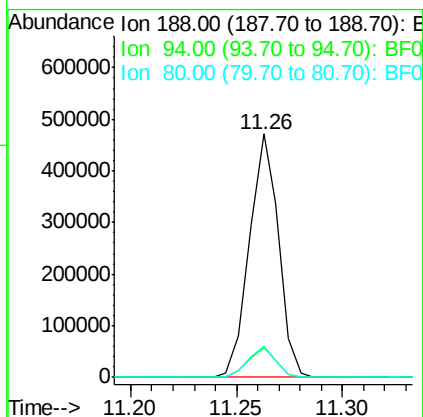
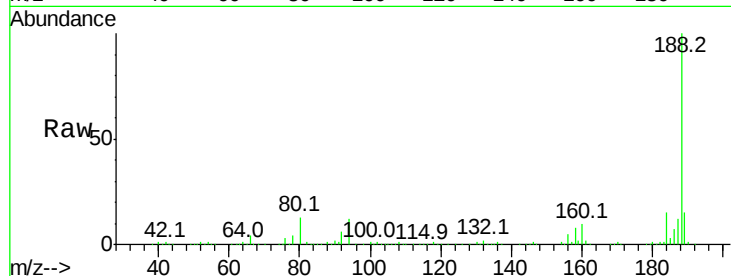




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

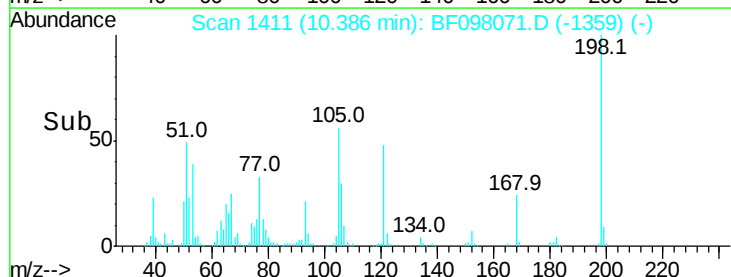
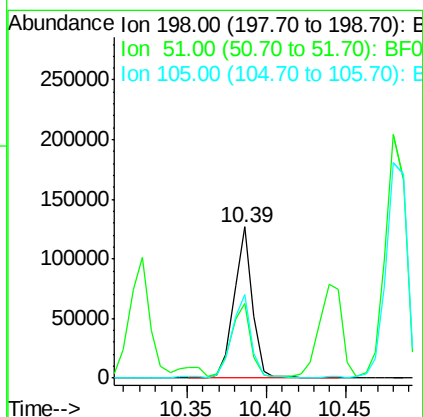
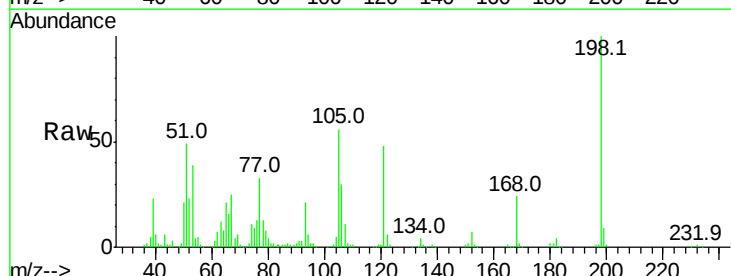
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

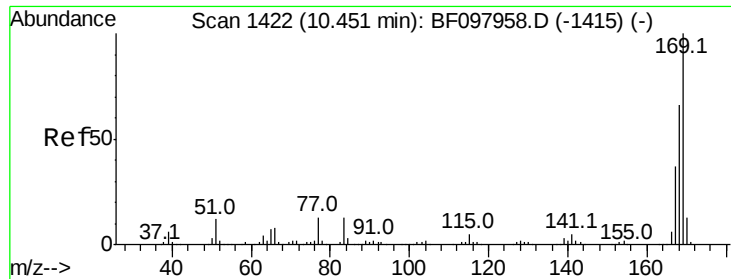
Tot Ion:188 Resp: 451012
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.4 14.2
 80 12.9 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.358 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion:198 Resp: 102936
 Ion Ratio Lower Upper
 198 100
 51 49.3 53.2 93.2#
 105 55.5 45.8 85.8

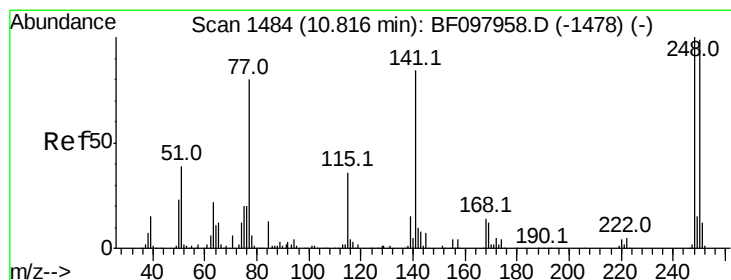
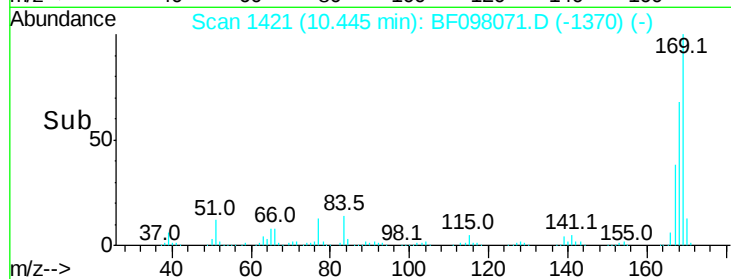
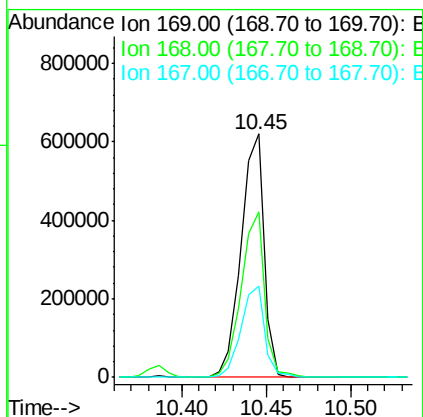
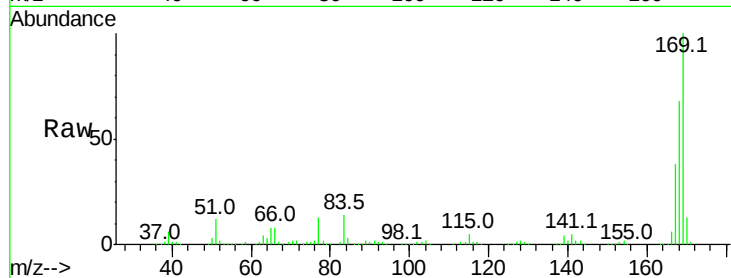




#65
 n-Nitrosodiphenylamine
 Concen: 38.429 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

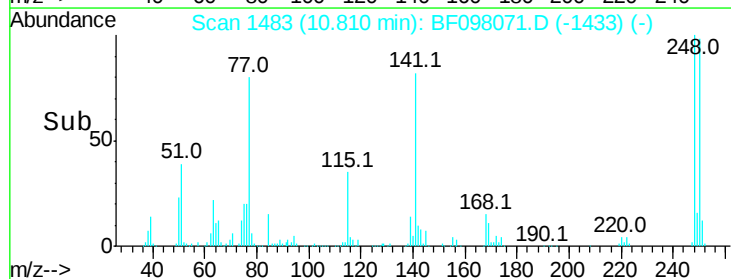
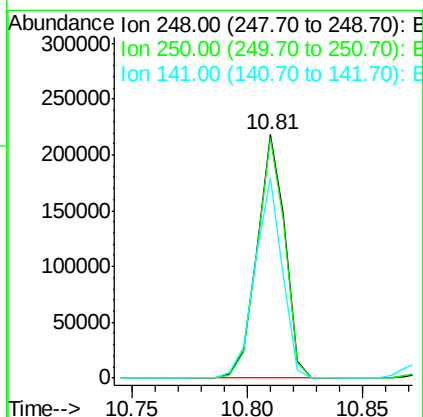
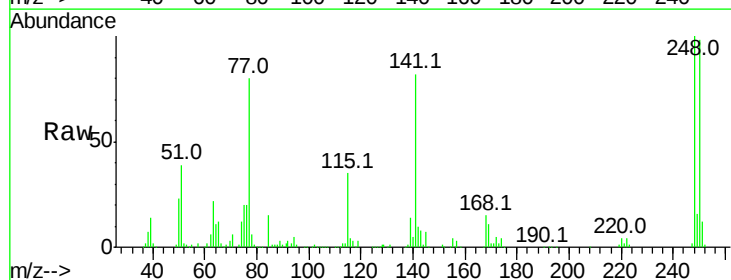
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

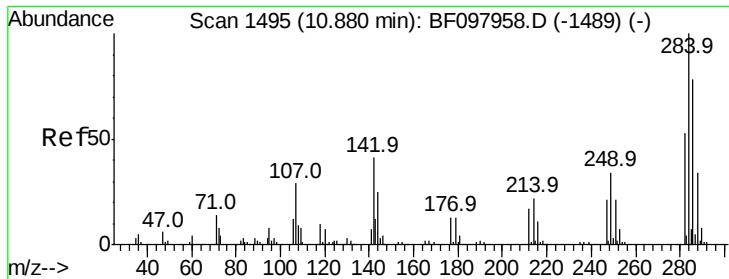
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.2	79.8
167	37.5	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.189 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.8	115.2
141	82.4	68.6	103.0

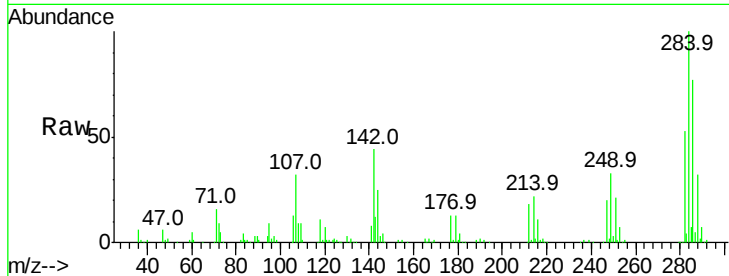




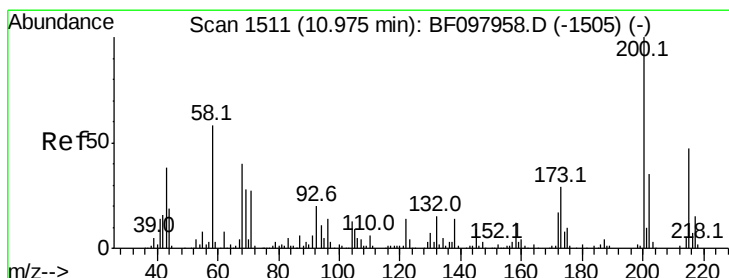
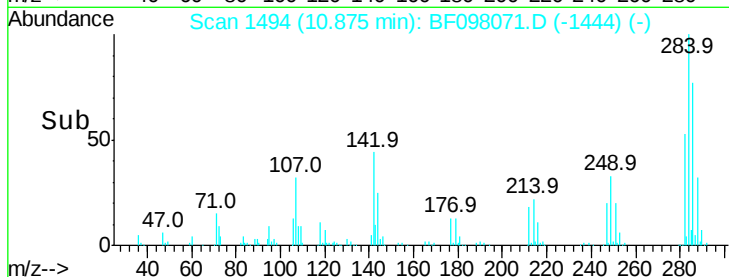
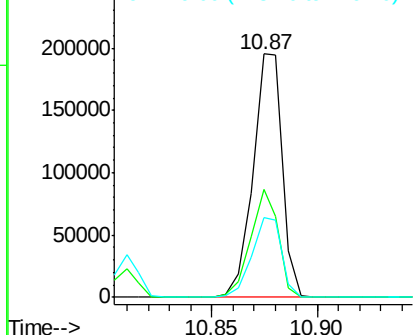
#67
Hexachlorobenzene
Concen: 39.503 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 188577
Ion Ratio Lower Upper
284 100
142 44.2 22.8 34.2#
249 33.0 24.0 36.0

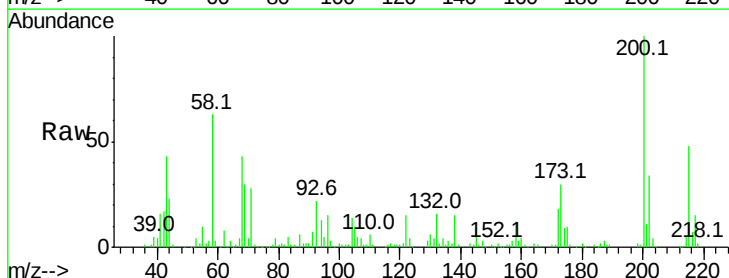


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

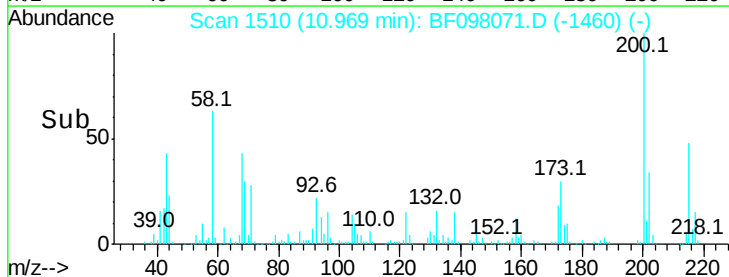
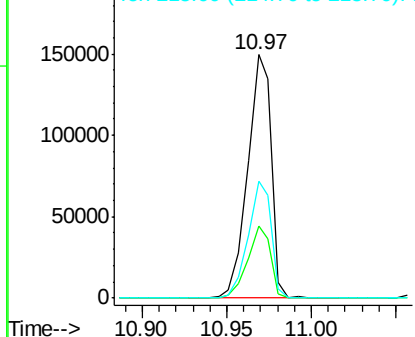


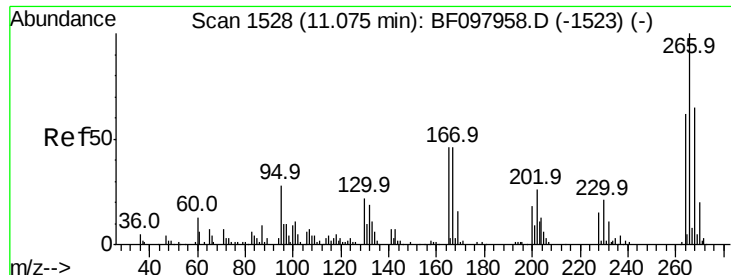
#68
Atrazine
Concen: 35.981 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion:200 Resp: 146553
Ion Ratio Lower Upper
200 100
173 29.7 6.3 46.3
215 47.8 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

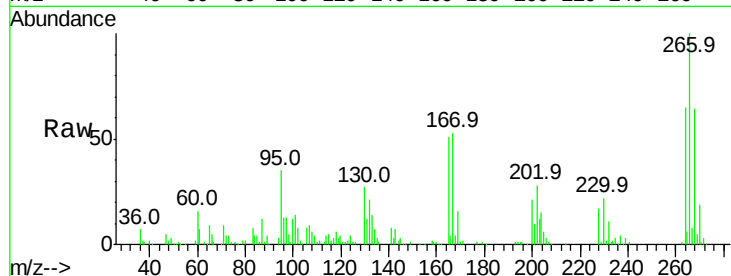




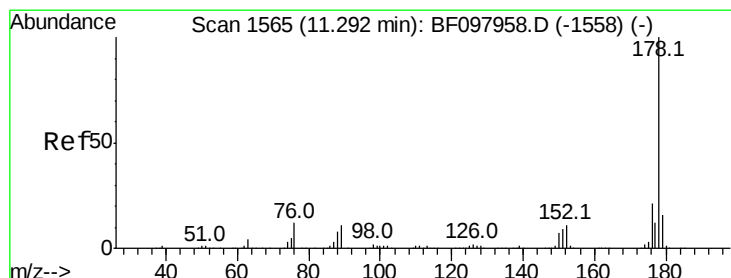
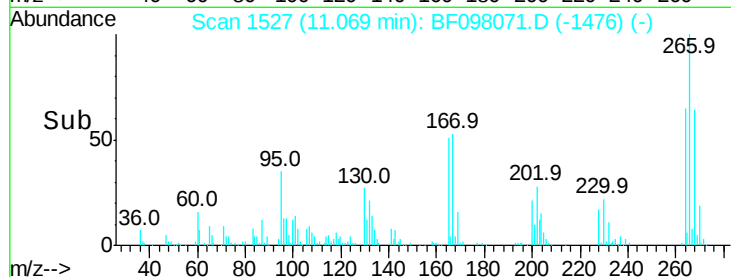
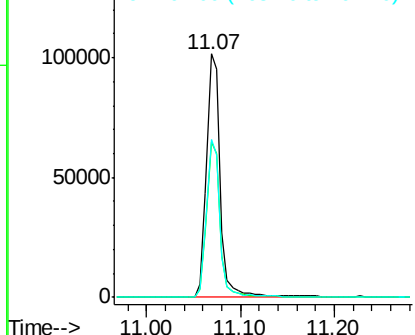
#69
 Pentachlorophenol
 Concen: 38.009 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 105791
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 65.0 51.7 77.5

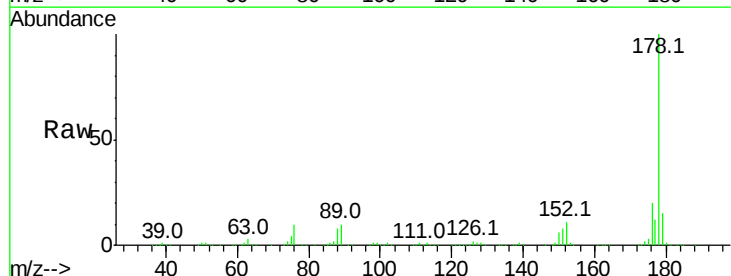


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

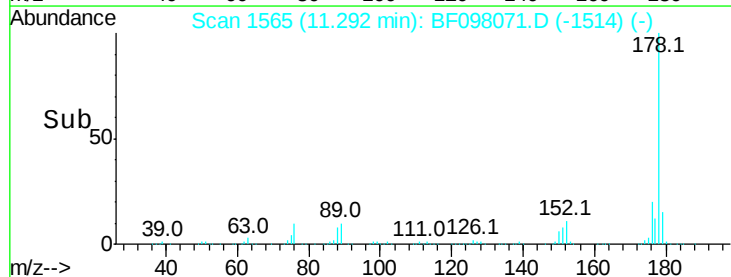
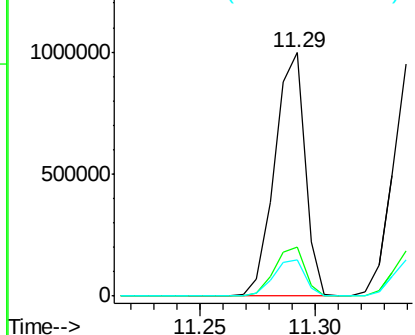


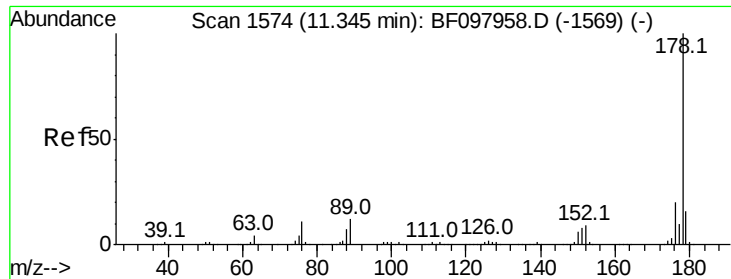
#70
 Phenanthrene
 Concen: 37.732 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion:178 Resp: 906826
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.579 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

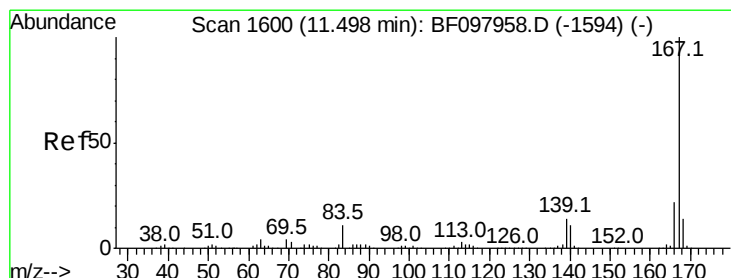
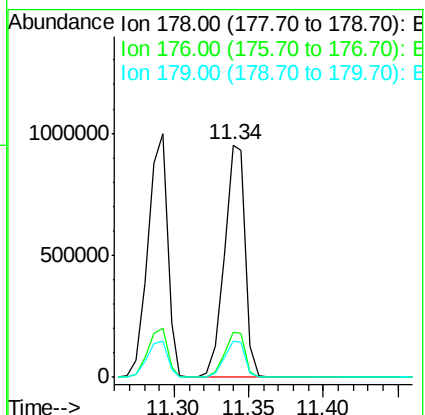
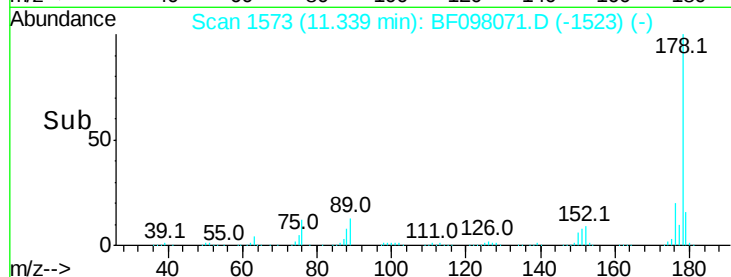
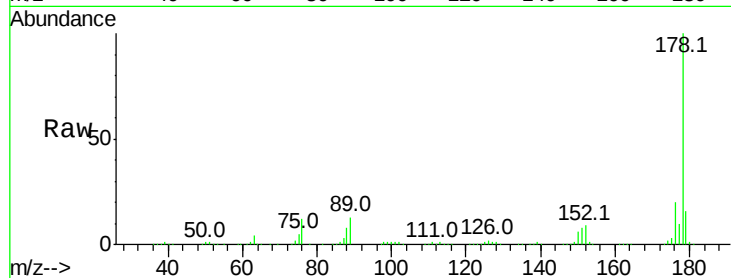
Tot Ion:178 Resp: 940409

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.9 12.7 19.1



#72

Carbazole

Concen: 39.042 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

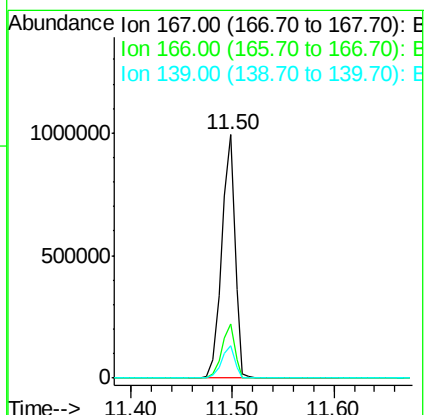
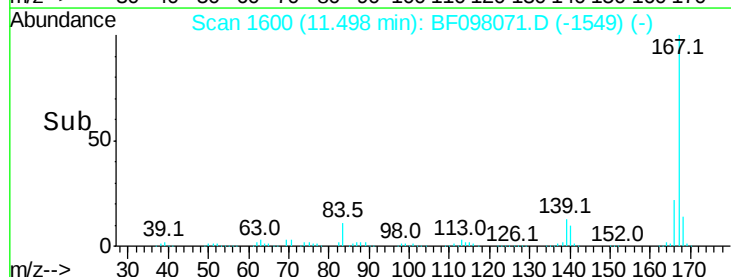
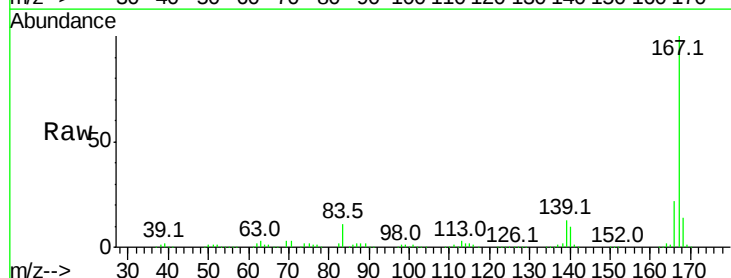
Tgt Ion:167 Resp: 903352

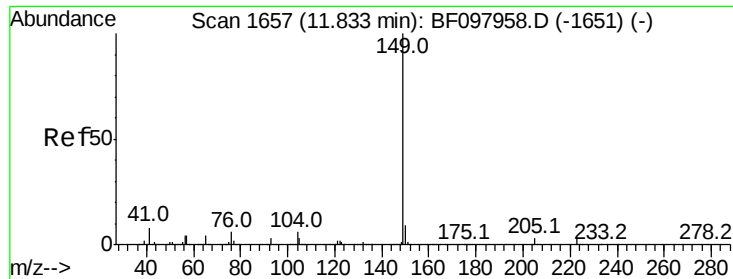
Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.648 ng

RT: 11.83 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

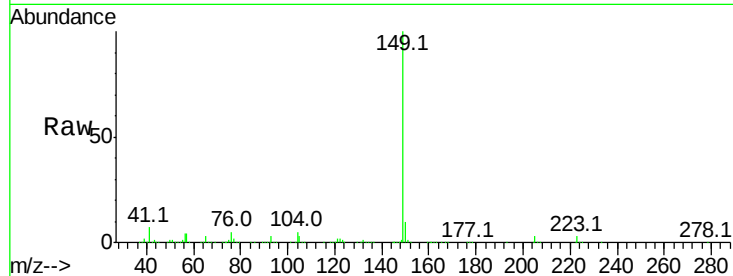
Tot Ion:149 Resp: 1056680

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

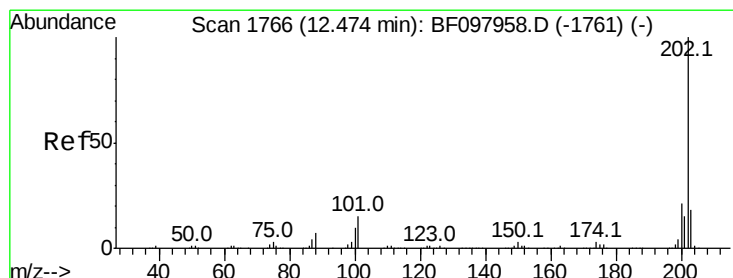
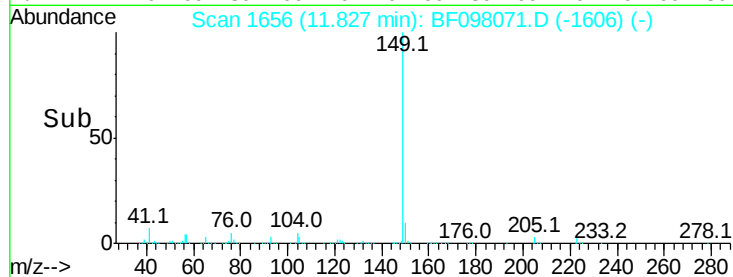
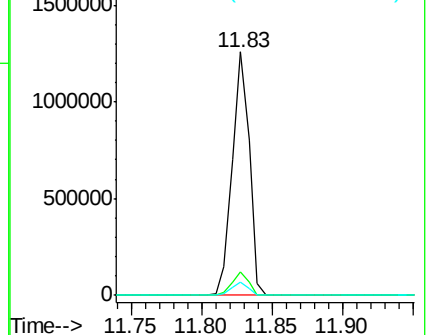
104 5.4 4.0 6.0



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: 39.184 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

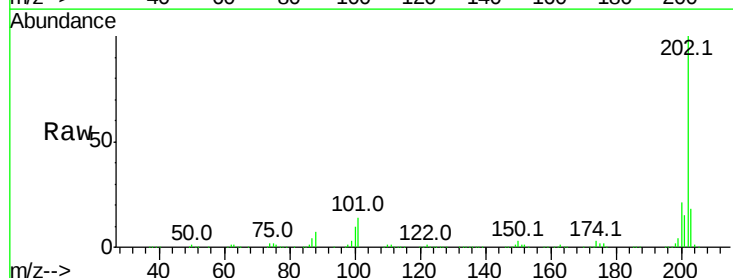
Tgt Ion:202 Resp: 982933

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

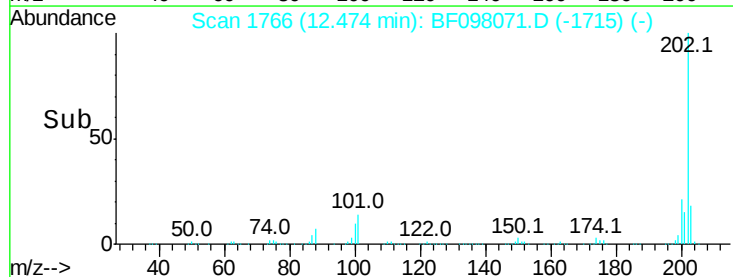
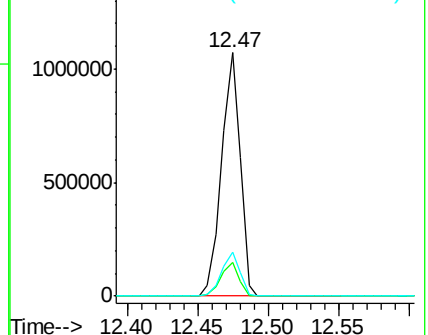
203 18.0 0.0 38.1

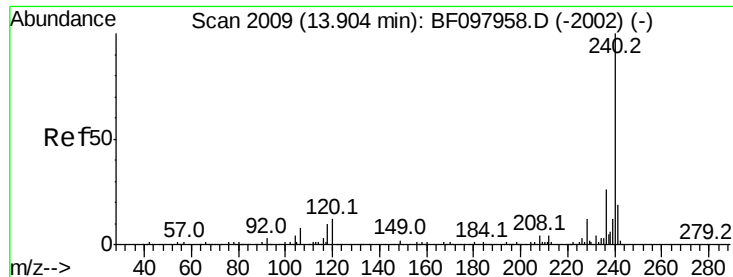


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

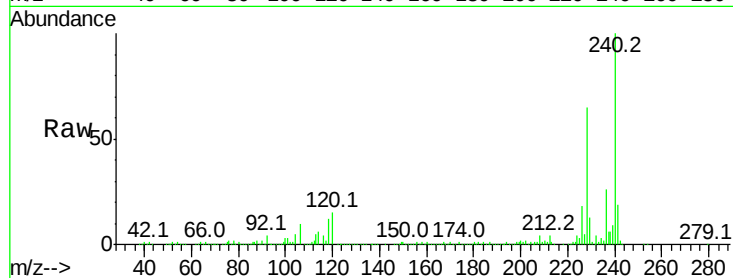
Tot Ion:240 Resp: 330928

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

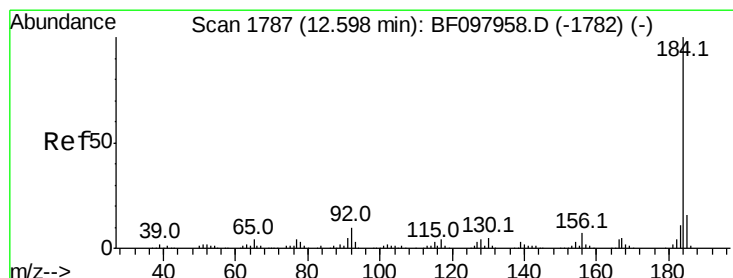
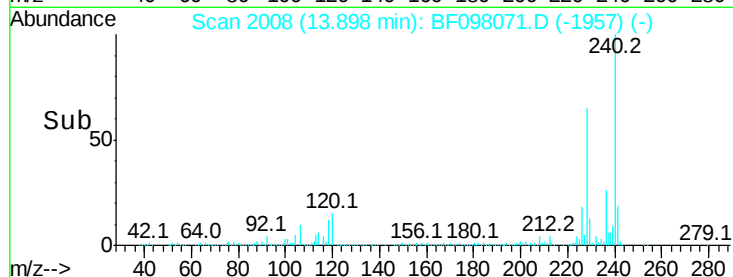
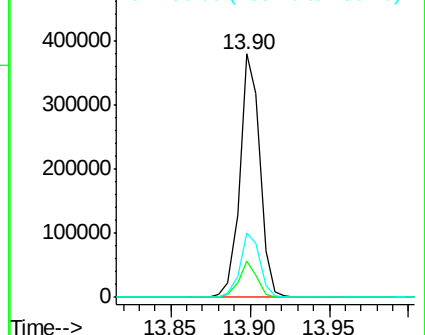
236 26.5 20.5 30.7



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: 41.605 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

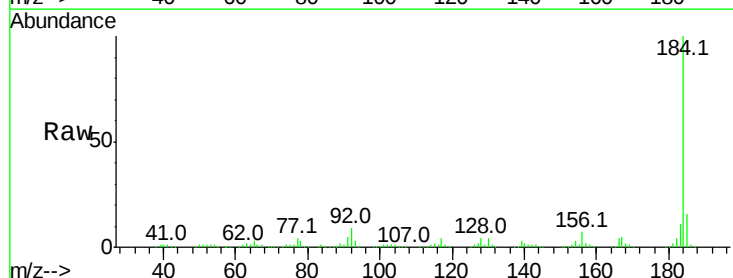
Tgt Ion:184 Resp: 451429

Ion Ratio Lower Upper

184 100

185 16.2 15.5 23.3

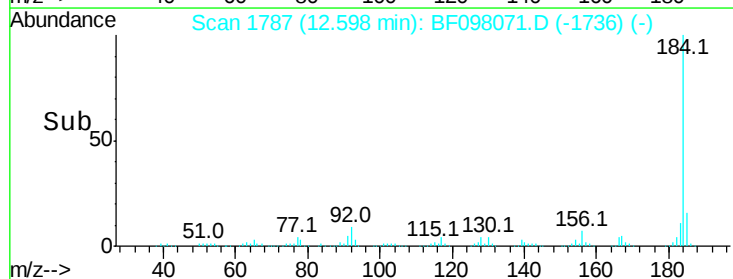
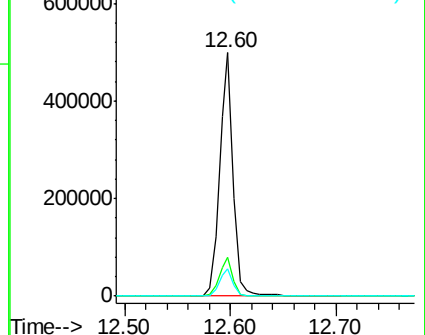
183 11.2 9.8 14.6

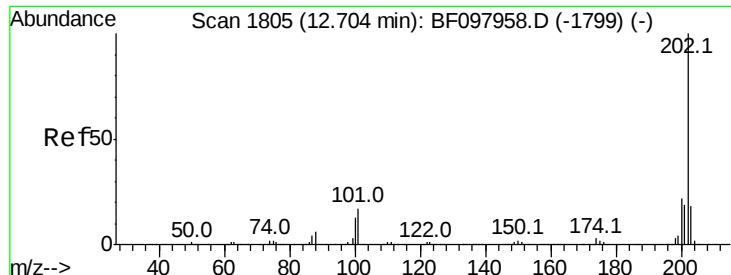


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

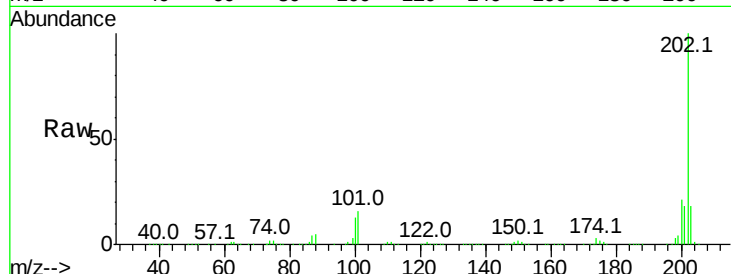




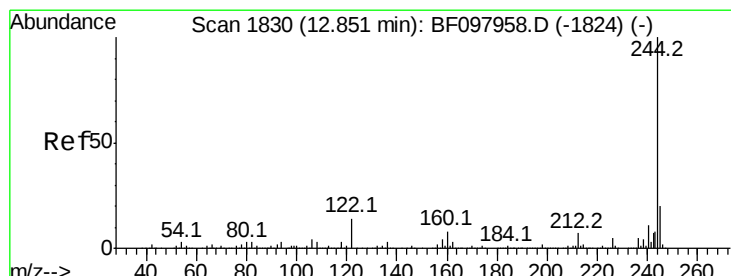
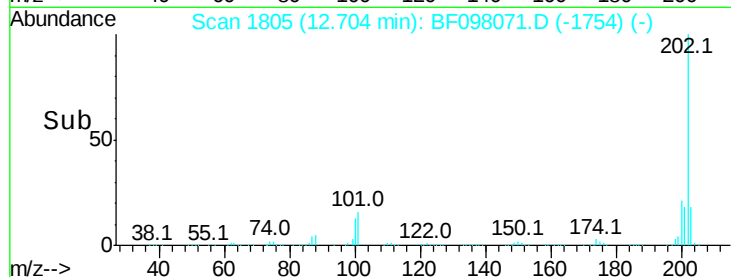
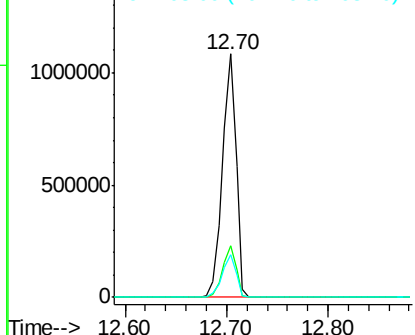
#77
Pvrene
Concen: 37.451 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1013656
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.6 14.4 21.6

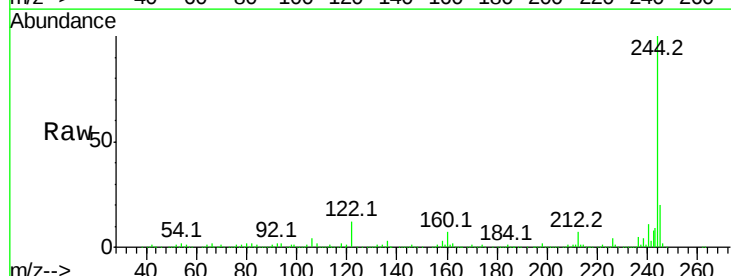


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

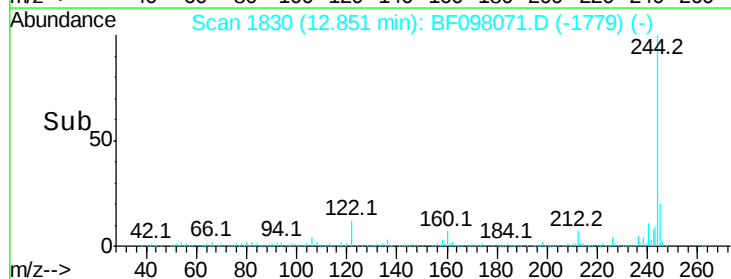
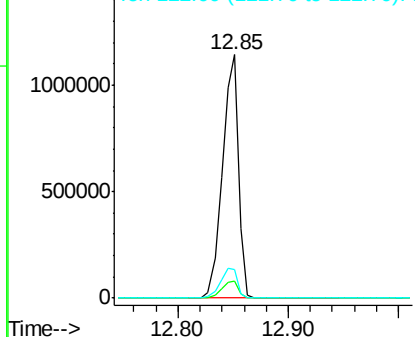


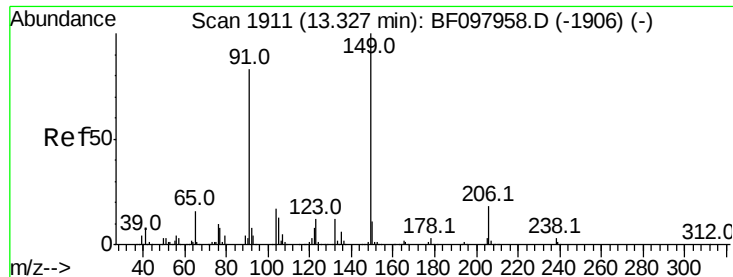
#78
Terphenyl-d14
Concen: 72.552 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion:244 Resp: 1151350
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 11.9 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.112 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

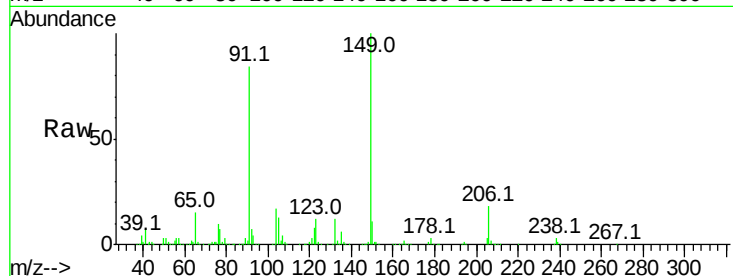
Tot Ion:149 Resp: 426623

Ion Ratio Lower Upper

149 100

91 83.8 45.0 67.4#

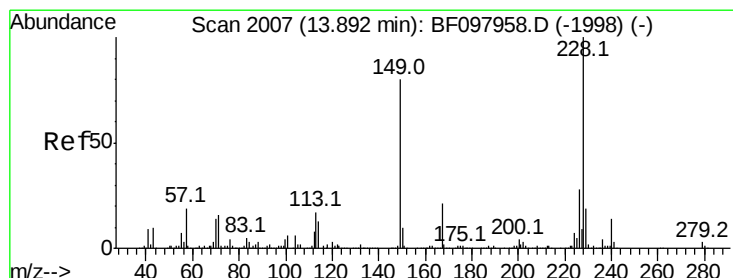
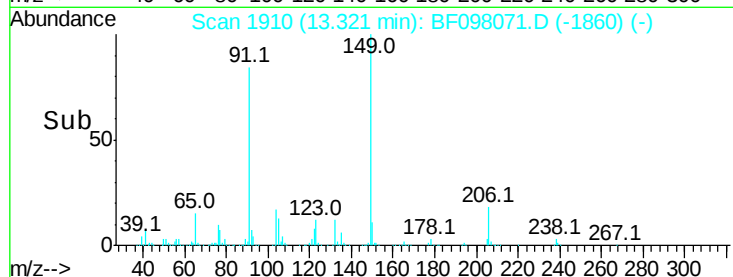
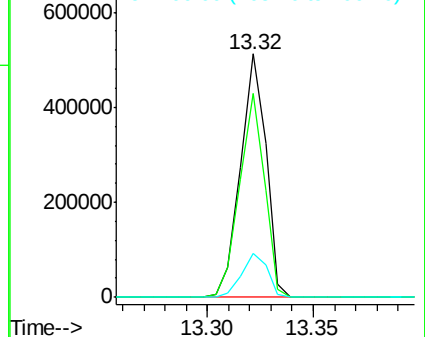
206 18.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.690 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

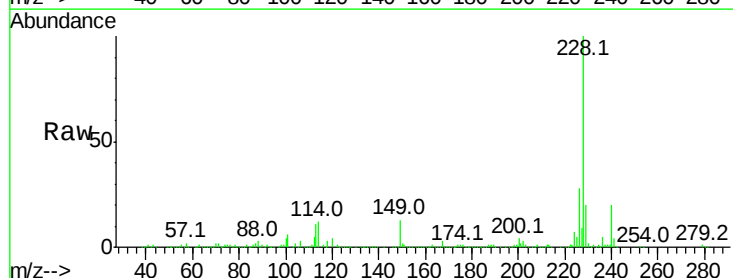
Tgt Ion:228 Resp: 727704

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

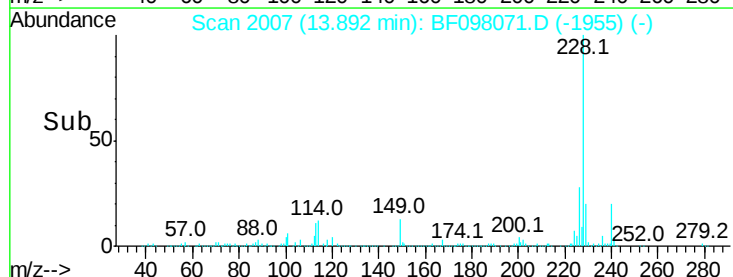
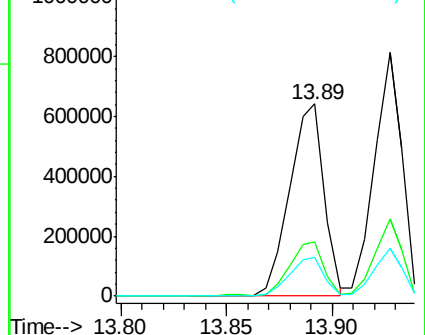
229 20.2 16.3 24.5

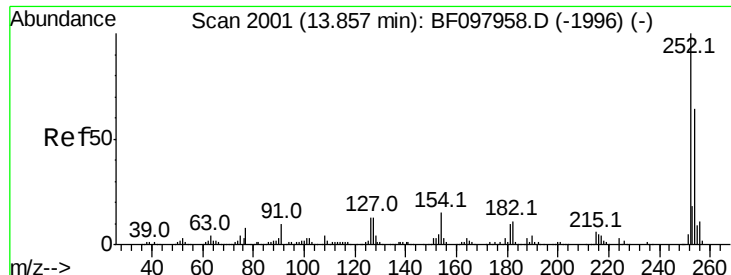


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

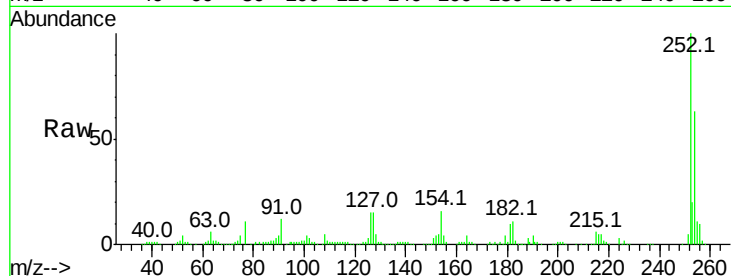




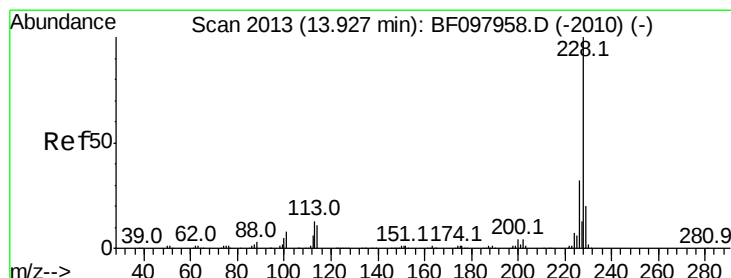
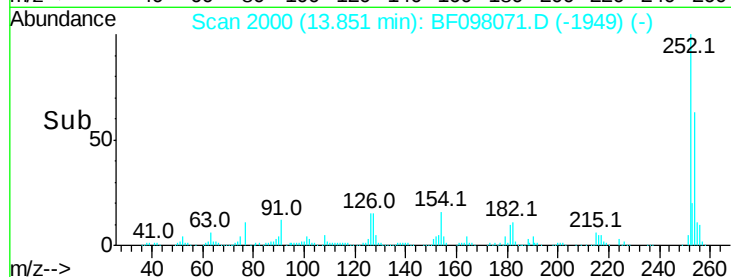
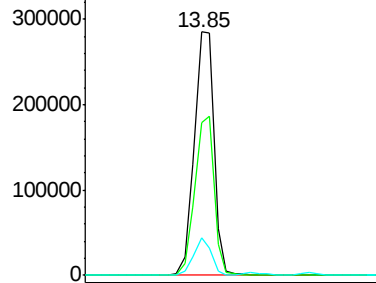
#81
 3,3'-Dichlorobenzidine
 Concen: 41.532 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.5	77.3
126	15.2	15.8	23.8#

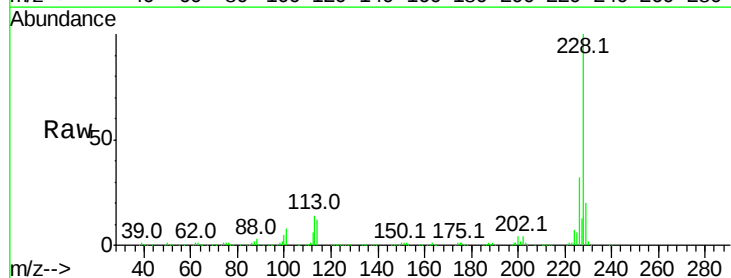


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

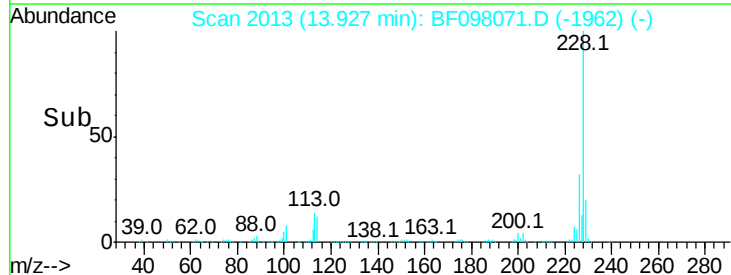
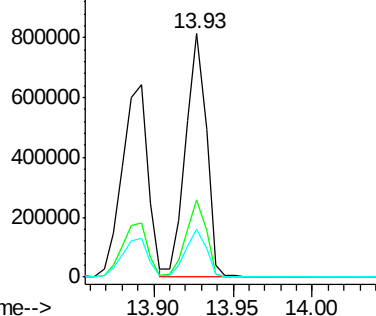


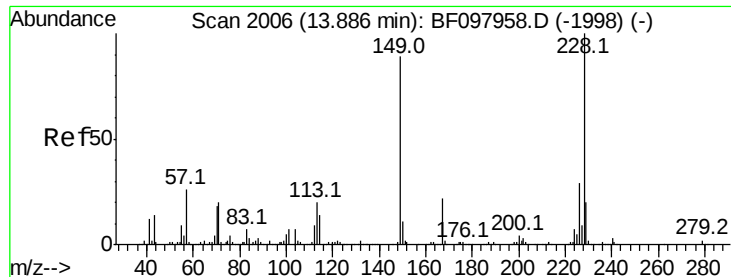
#82
 Chrysene
 Concen: 37.508 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	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: 44.385 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

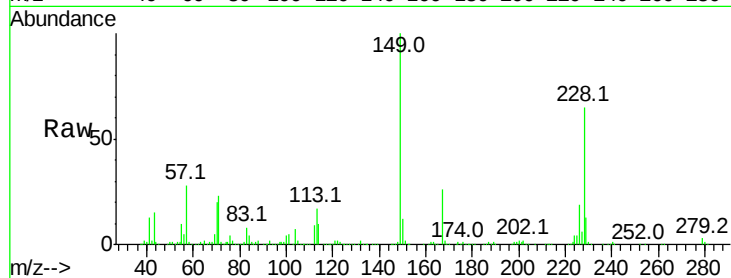
Tot Ion:149 Resp: 510389

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

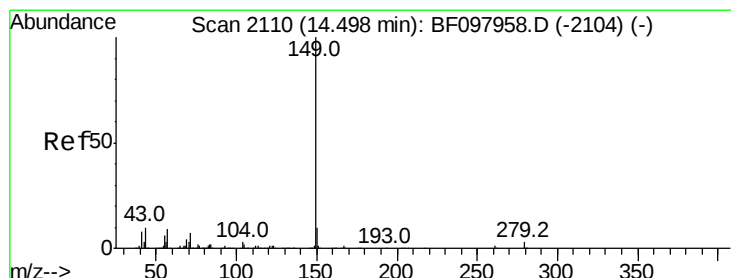
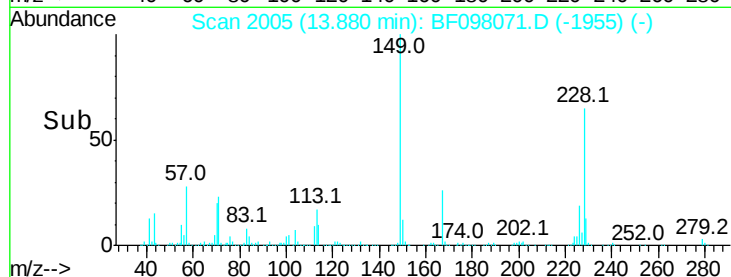
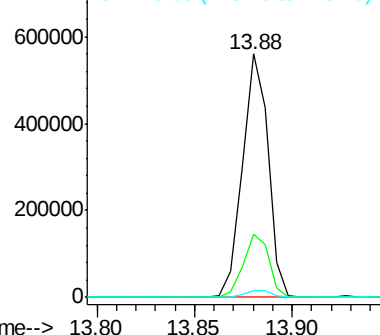
279 2.9 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.346 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

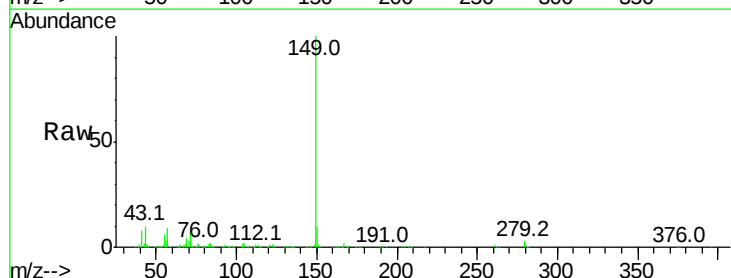
Tgt Ion:149 Resp: 907271

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

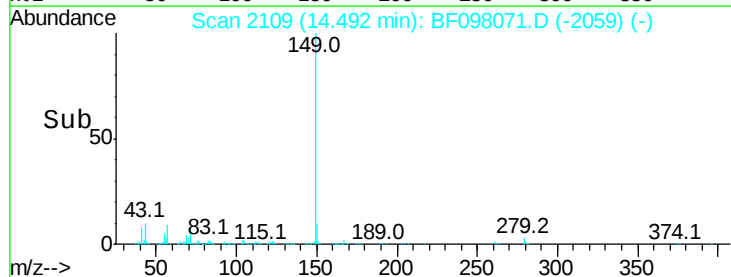
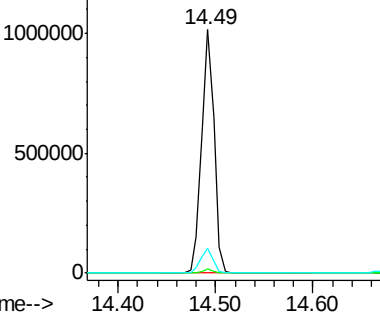
43 9.9 8.5 12.7

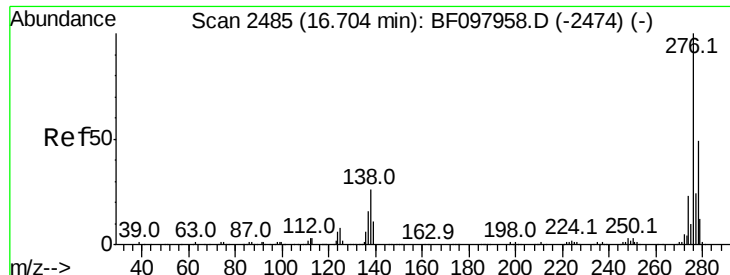


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

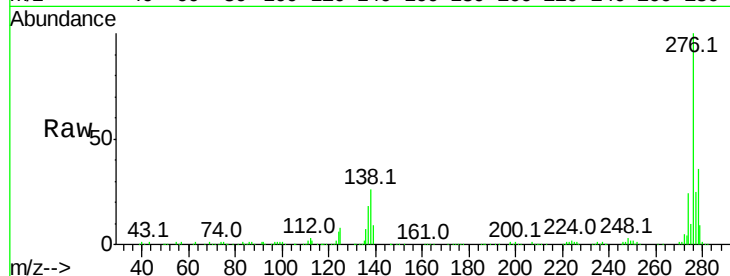




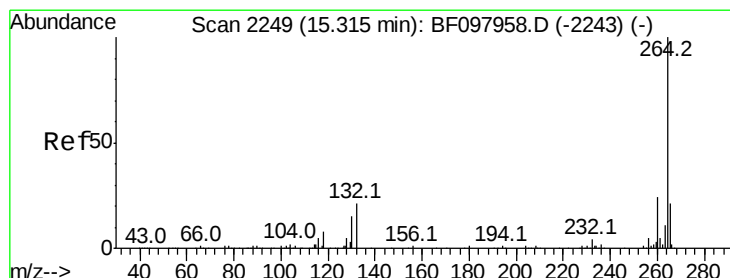
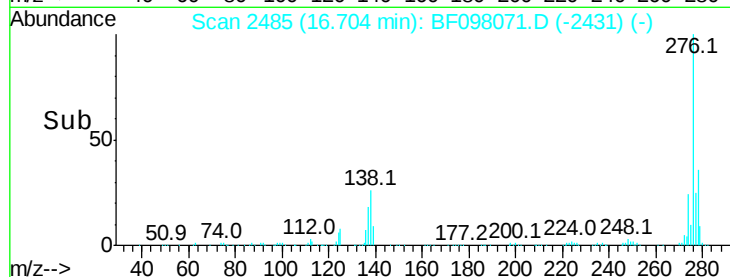
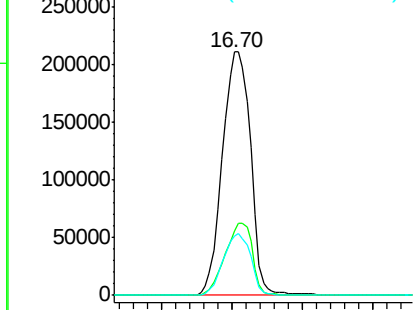
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.314 ng
 RT: 16.70 min Scan# 2485
 Delta R.T. 0.02 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	27.8	41.6
277	25.0	20.2	30.4

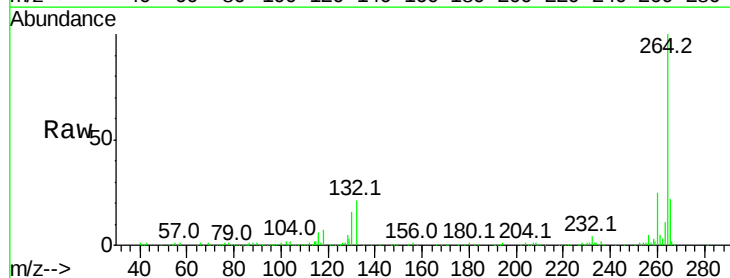


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

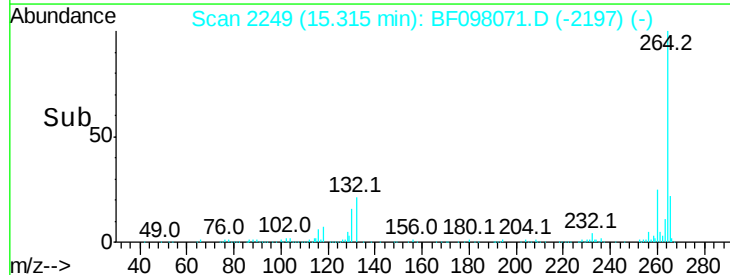
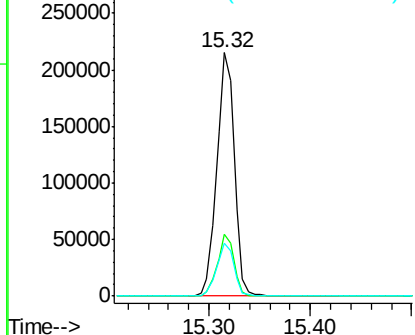


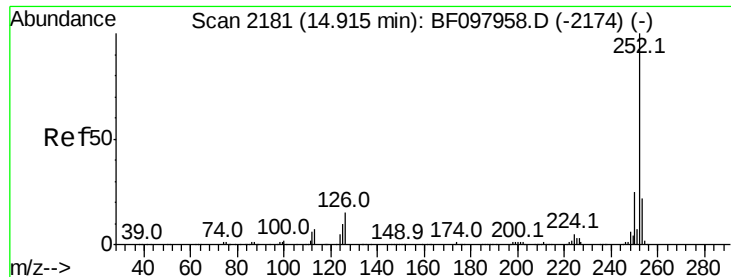
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098071.D
 Acq: 28 Aug 2017 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.7	17.2	25.8



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

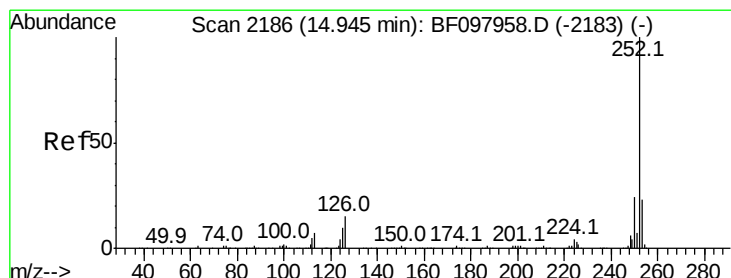
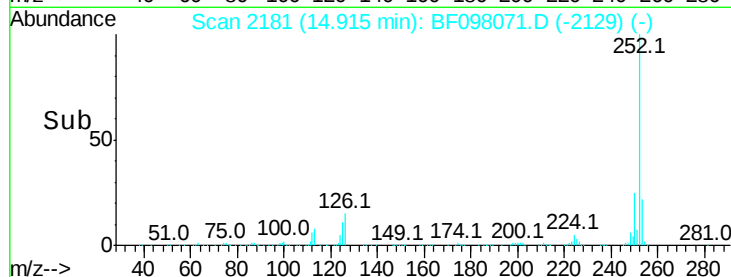
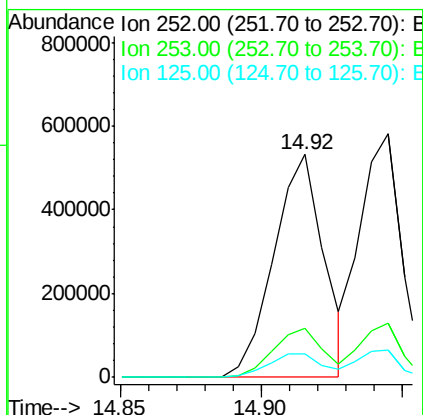
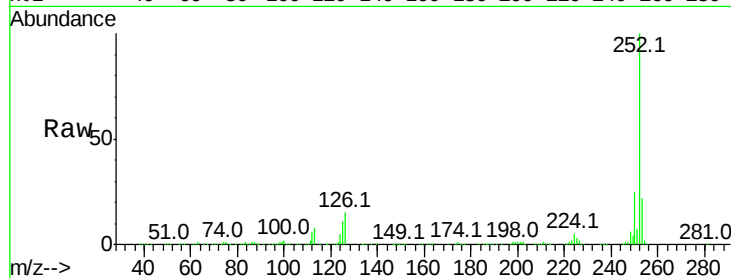




#87
Benzo(b)fluoranthene
Concen: 40.085 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

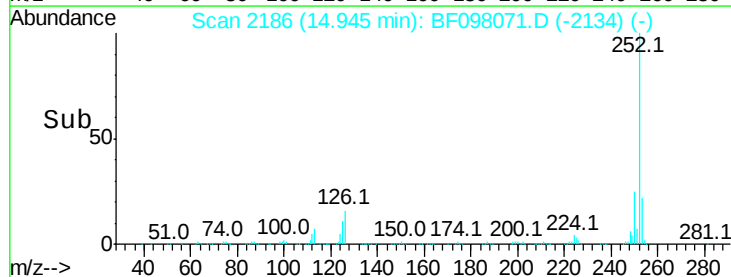
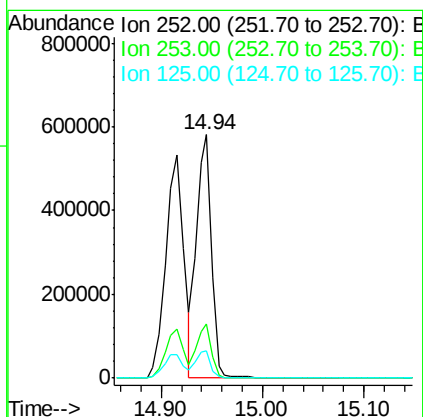
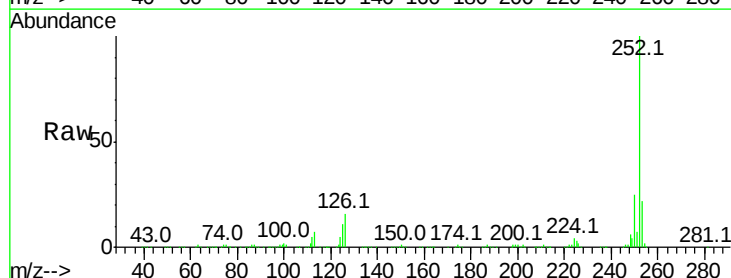
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

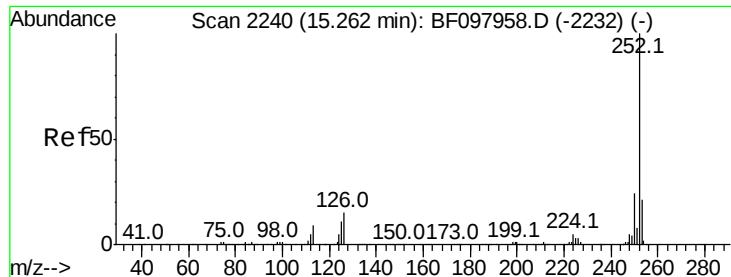
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.6	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 38.604 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	11.2	13.1	19.7#

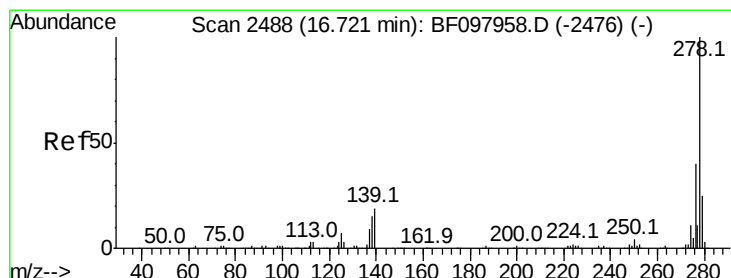
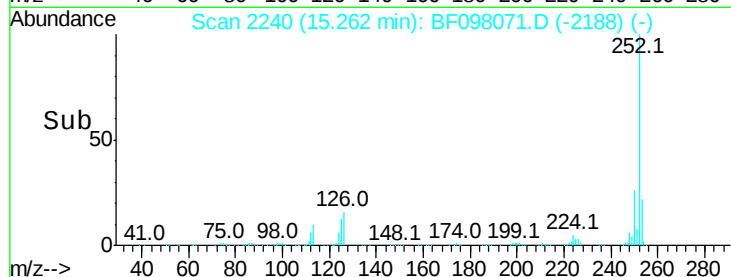
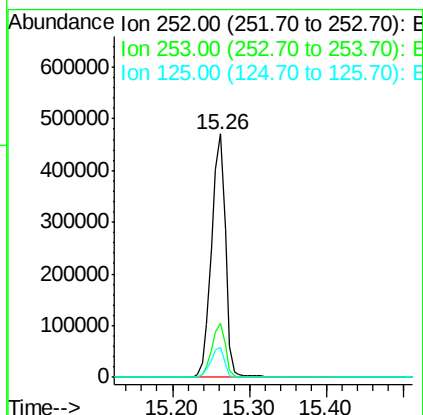
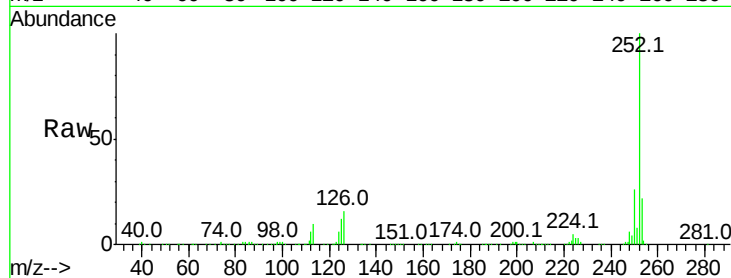




#89
Benzo(a)pyrene
Concen: 40.207 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

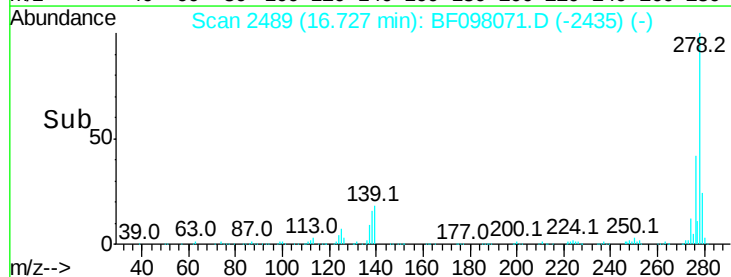
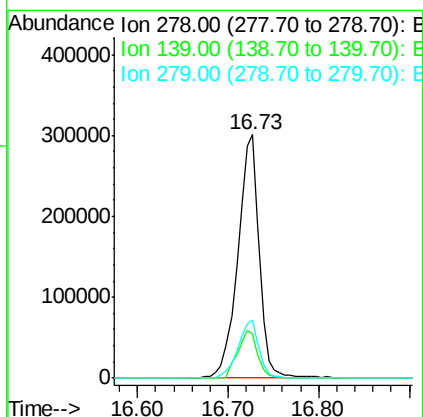
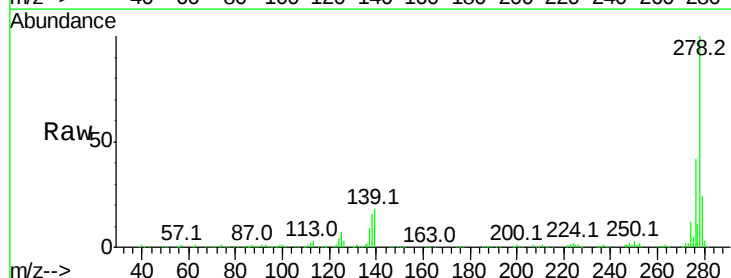
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

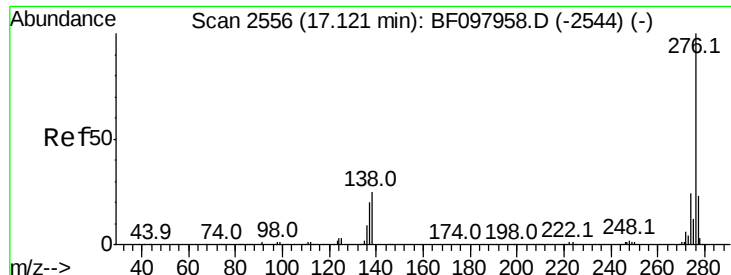
Tot Ion:252 Resp: 581269
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.5 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.134 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF098071.D
Acq: 28 Aug 2017 17:07

Tgt Ion:278 Resp: 495895
Ion Ratio Lower Upper
278 100
139 18.2 16.6 24.8
279 23.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 42.066 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF098071.D

Acq: 28 Aug 2017 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

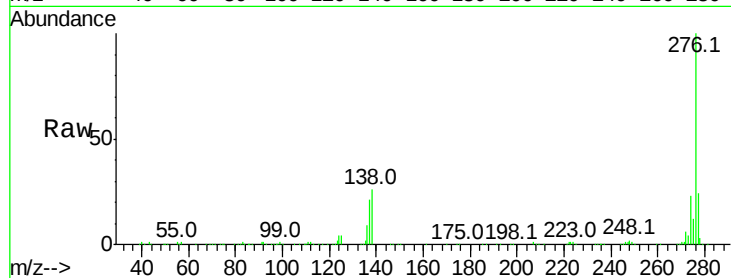
Tot Ion:276 Resp: 516597

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 25.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

