

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101586.D
 Acq On : 21 Dec 2017 3:53
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 21 05:19:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128735	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	492496	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	194711	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	308569	20.00	ng	0.00
75) Chrysene-d12	13.97	240	244420	20.00	ng	0.00
86) Perylene-d12	15.44	264	294220	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	713309	82.54	ng	0.00
7) Phenol-d6	6.44	99	793582	73.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	706688	79.88	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	130265	69.43	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1096143	87.33	ng	0.00
78) Terphenyl-d14	12.90	244	725065	71.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	173887	39.157	ng	94
3) Pyridine	3.25	79	472590	38.303	ng	96
4) n-Nitrosodimethylamine	3.22	42	215106	37.865	ng	100
6) Aniline	6.46	93	538297	36.014	ng	# 85
8) 2-Chlorophenol	6.59	128	347205	38.191	ng	98
9) Benzaldehyde	6.36	77	292289	36.797	ng	99
10) Phenol	6.45	94	456088	37.204	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	368645	38.337	ng	95
12) 1,3-Dichlorobenzene	6.73	146	386610	37.679	ng	97
13) 1,4-Dichlorobenzene	6.82	146	392223	37.433	ng	98
14) 1,2-Dichlorobenzene	6.97	146	360124	38.184	ng	97
15) Benzyl Alcohol	6.95	79	271552	36.680	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	539988	36.692	ng	60
17) 2-Methylphenol	7.06	107	298432	35.686	ng	# 94
18) Hexachloroethane	7.30	117	127438	34.982	ng	95
19) n-Nitroso-di-n-propylamine	7.21	70	254338	36.007	ng	93
20) 3+4-Methylphenols	7.22	107	353984	39.945	ng	# 57
22) Acetophenone	7.22	105	455596	40.542	ng	# 89
24) Nitrobenzene	7.39	77	388094	39.634	ng	95
25) Isophorone	7.62	82	654490	36.876	ng	96
26) 2-Nitrophenol	7.70	139	164993	39.221	ng	97
27) 2,4-Dimethylphenol	7.74	122	270179	37.805	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	432763	38.385	ng	98
29) 2,4-Dichlorophenol	7.95	162	272774	38.633	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	279220	37.474	ng	97
31) Naphthalene	8.10	128	925977	37.347	ng	99
32) Benzoic acid	7.88	122	117951	28.393	ng	93
33) 4-Chloroaniline	8.16	127	395386	36.690	ng	97
34) Hexachlorobutadiene	8.21	225	167599	38.891	ng	99
35) Caprolactam	8.54	113	82789	33.768	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	285122	36.741	ng	98
37) 2-Methylnaphthalene	8.79	142	581758	36.014	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	272247	41.413	ng	98
40) Hexachlorocyclopentadiene	8.94	237	1878	13.280	ng	83

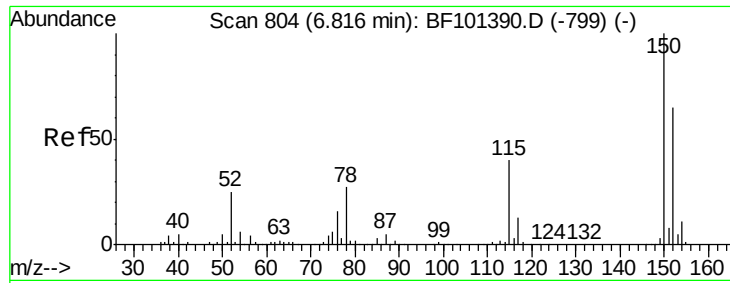
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101586.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	173365	43.805	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	177321	40.919	nq	97
45) 1,1'-Biphenyl	9.26	154	701076	40.600	nq	99
46) 2-Chloronaphthalene	9.29	162	521947	39.504	nq	96
47) 2-Nitroaniline	9.39	65	194651	42.646	nq	91
48) Acenaphthylene	9.70	152	790363	37.872	nq	99
49) Dimethylphthalate	9.56	163	606846	38.747	nq	99
50) 2,6-Dinitrotoluene	9.63	165	123510	38.801	nq	95
51) Acenaphthene	9.87	154	477523	38.086	nq	99
52) 3-Nitroaniline	9.80	138	157551	39.699	nq	97
53) 2,4-Dinitrophenol	9.95	184	4626	13.955	nq #	17
54) Dibenzofuran	10.04	168	640696	40.210	nq	97
55) 4-Nitrophenol	9.99	139	57624	33.299	nq	94
56) 2,4-Dinitrotoluene	10.05	165	140715	39.236	nq #	78
57) Fluorene	10.39	166	517427	38.387	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	115425	37.074	nq	91
59) Diethylphthalate	10.25	149	593185	38.246	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	261238	40.439	nq	89
61) 4-Nitroaniline	10.42	138	135970	34.086	nq	99
62) Azobenzene	10.53	77	592501	36.878	nq	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	21233	13.484	nq	90
65) n-Nitrosodiphenylamine	10.49	169	495270	43.469	nq	95
66) 4-Bromophenyl-phenylether	10.86	248	148272	42.765	nq #	90
67) Hexachlorobenzene	10.94	284	146377	39.890	nq #	86
68) Atrazine	11.02	200	130808	38.503	nq	94
69) Pentachlorophenol	11.14	266	51937	39.970	nq	98
70) Phenanthrene	11.35	178	647955	37.760	nq	99
71) Anthracene	11.40	178	665779	37.983	nq	99
72) Carbazole	11.56	167	590958	36.010	nq	99
73) Di-n-butylphthalate	11.87	149	831397	41.739	nq	99
74) Fluoranthene	12.54	202	611110	33.928	nq	97
76) Benzidine	12.67	184	313548	30.373	nq	99
77) Pyrene	12.77	202	624670	34.054	nq	100
79) Butylbenzylphthalate	13.37	149	294763	35.513	nq	96
80) Benzo(a)anthracene	13.96	228	603023	37.363	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	216967	41.229	nq	99
82) Chrysene	14.00	228	582983	38.257	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	394265	37.503	nq	97
84) Di-n-octyl phthalate	14.54	149	716424	38.211	nq	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	660150	48.648	nq	96
87) Benzo(b)fluoranthene	15.02	252	636751	35.506	nq	98
88) Benzo(k)fluoranthene	15.02	252	636751	36.519	nq	98
89) Benzo(a)pyrene	15.38	252	612876	37.072	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	555219	39.116	nq	97
91) Benzo(g,h,i)perylene	17.36	276	537065	38.211	nq	95

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

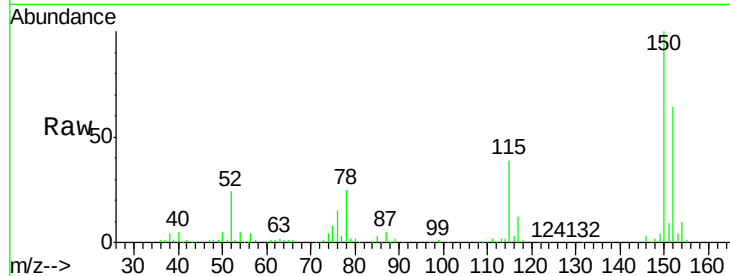


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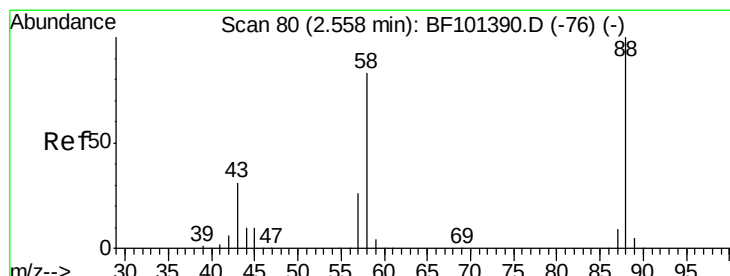
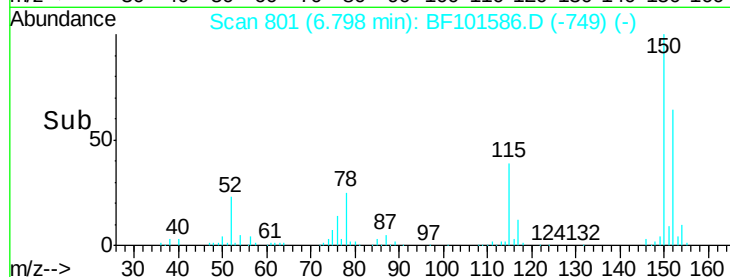
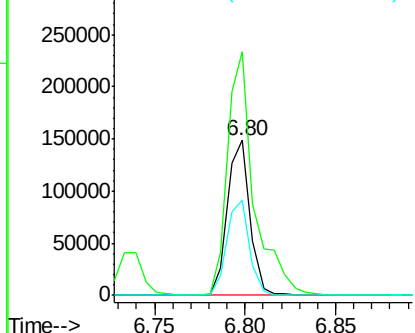
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 128735
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 61.5 50.1 75.1



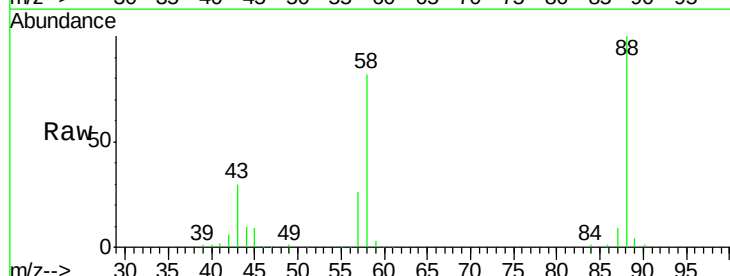
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



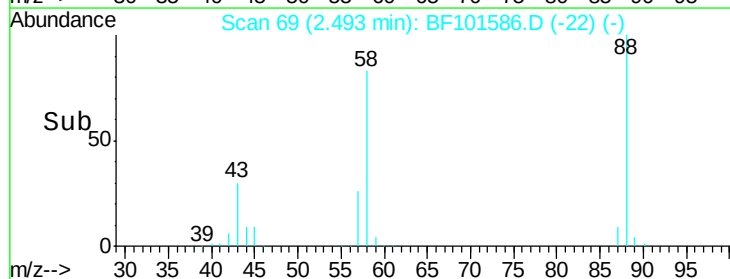
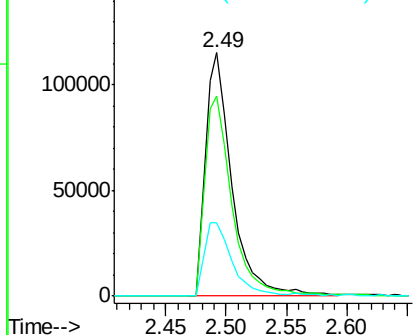
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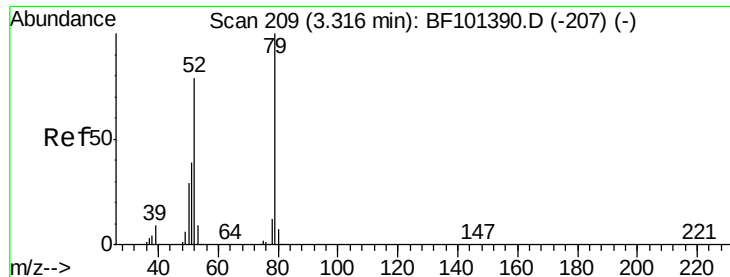
1,4-Dioxane
 Concen: 39.157 ng
 RT: 2.49 min Scan# 69
 Delta R.T. -0.02 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion: 88 Resp: 173887
 Ion Ratio Lower Upper
 88 100
 58 85.1 62.6 93.8
 43 31.7 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1

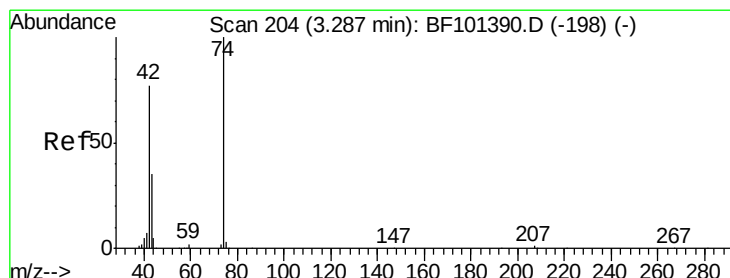
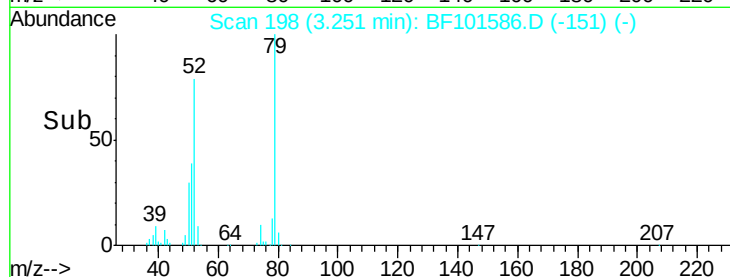
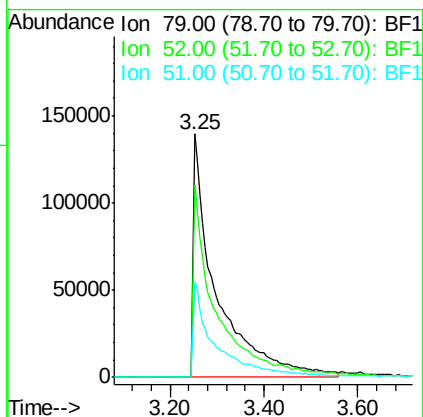
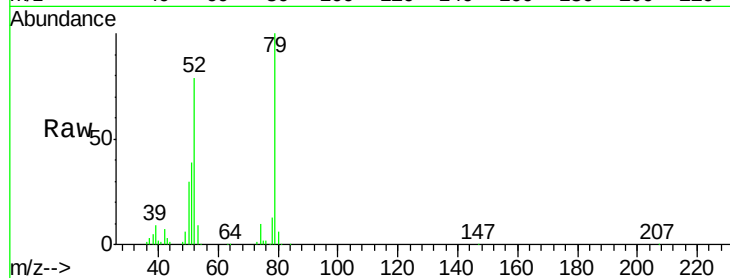




#3
 Pvridine
 Concen: 38.303 ng
 RT: 3.25 min Scan# 198
 Delta R.T. -0.02 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

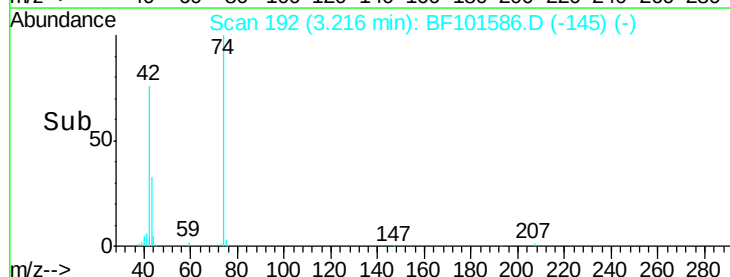
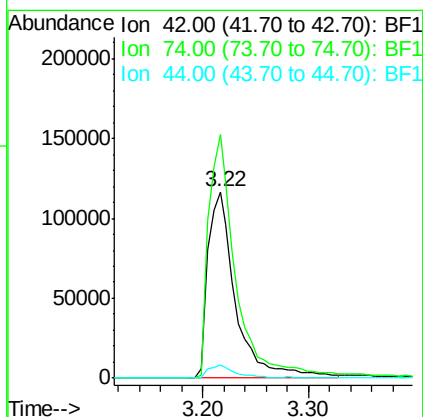
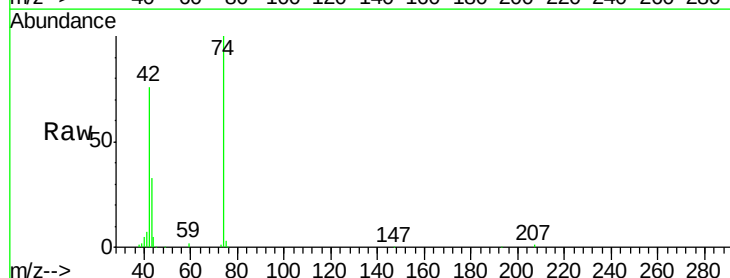
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

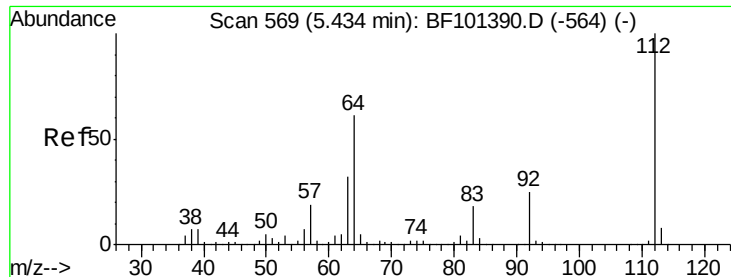
Tot Ion	Ratio	Lower	Upper
79	100		
52	79.0	59.8	89.6
51	38.8	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.865 ng
 RT: 3.22 min Scan# 192
 Delta R.T. -0.02 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.9	104.9	157.3
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 82.536 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

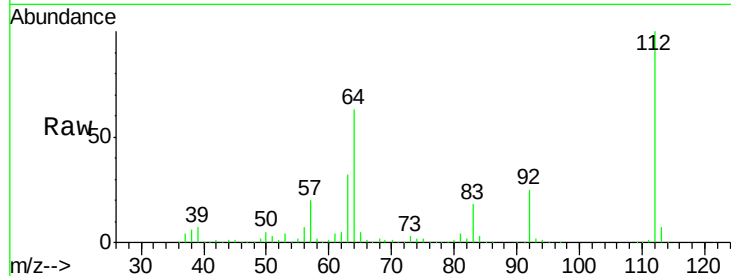
Tot Ion:112 Resp: 713309

Ion Ratio Lower Upper

112 100

64 63.0 47.9 71.9

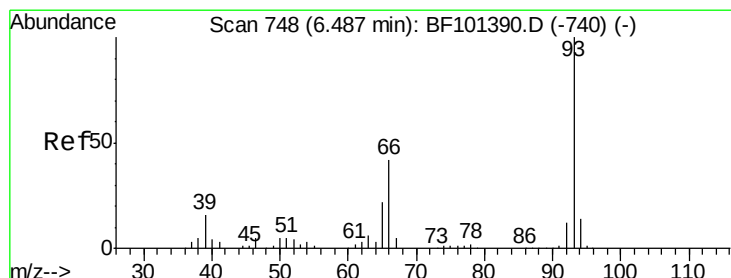
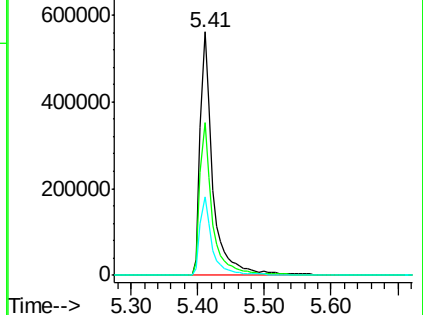
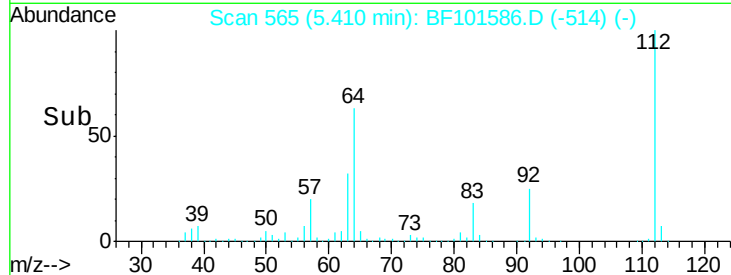
63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.014 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

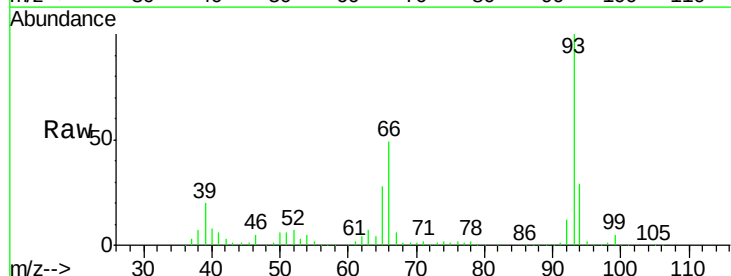
Tgt Ion: 93 Resp: 538297

Ion Ratio Lower Upper

93 100

66 48.9 32.2 48.2#

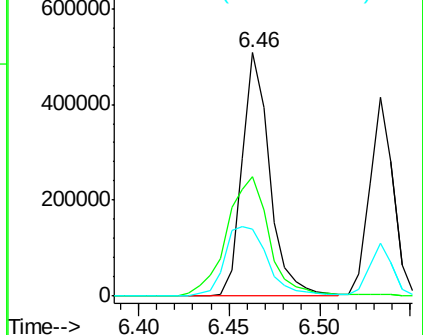
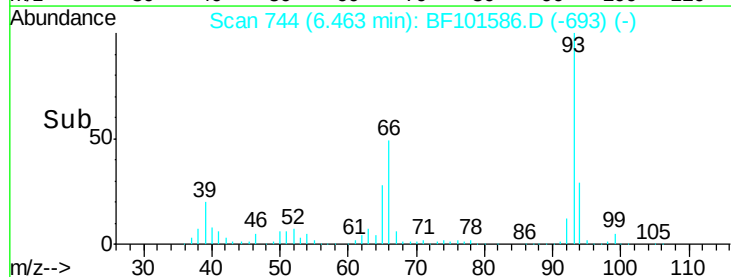
65 27.7 16.4 24.6#

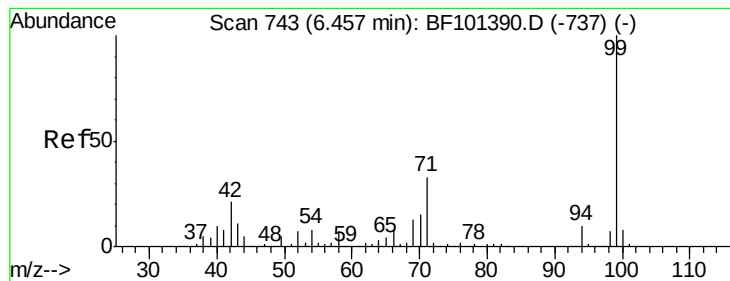


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.782 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

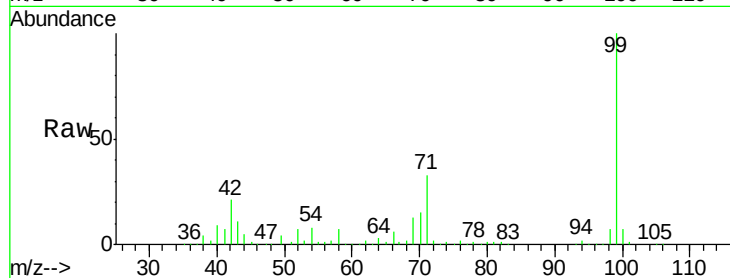
Tot Ion: 99 Resp: 793582

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

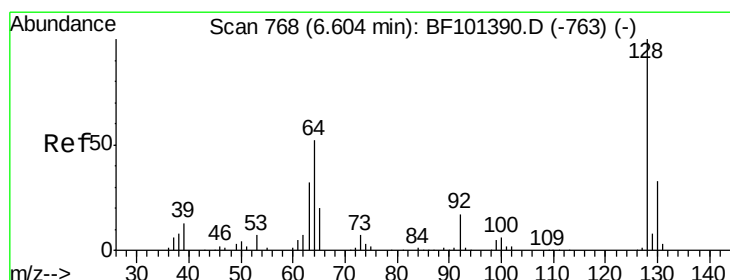
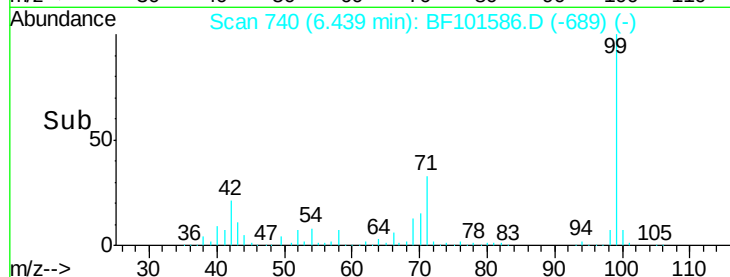
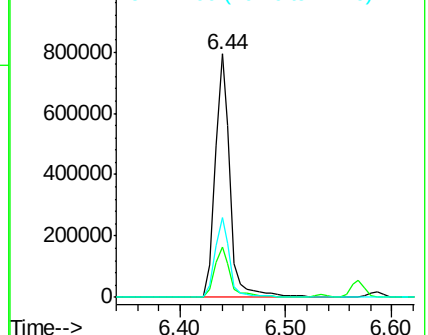
71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.191 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

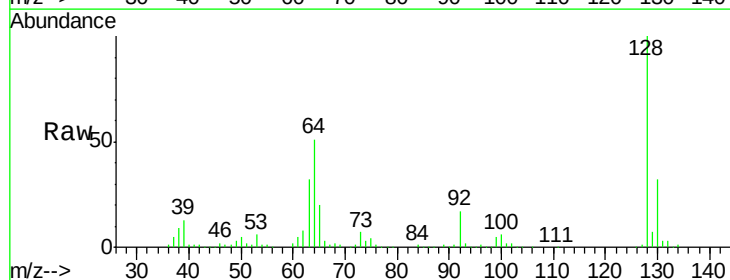
Tgt Ion: 128 Resp: 347205

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

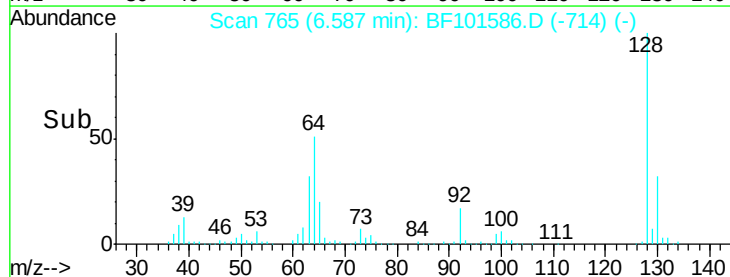
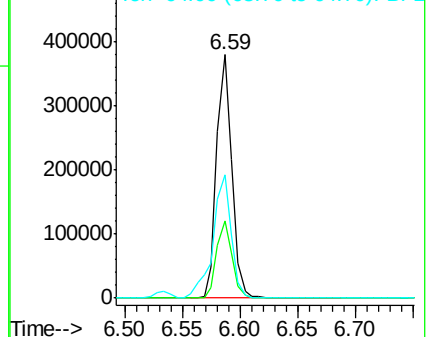
64 50.9 29.4 69.4

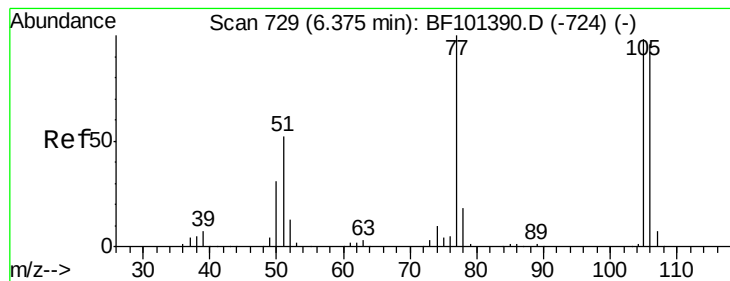


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.797 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

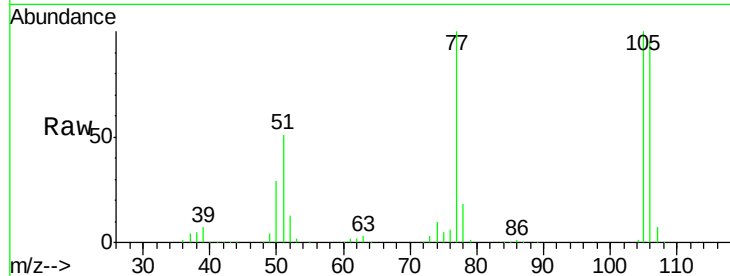
Tot Ion: 77 Resp: 292289

Ion Ratio Lower Upper

77 100

105 99.7 81.1 121.1

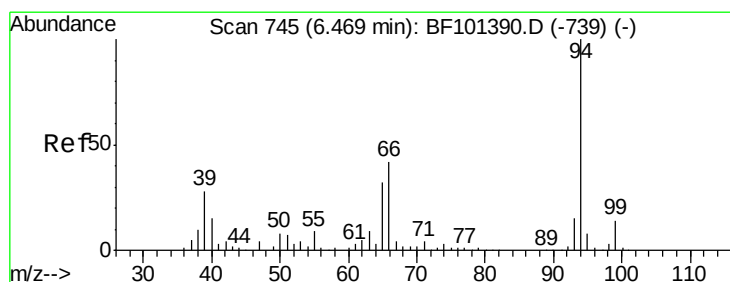
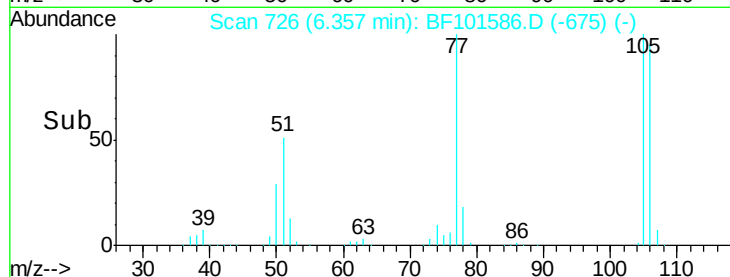
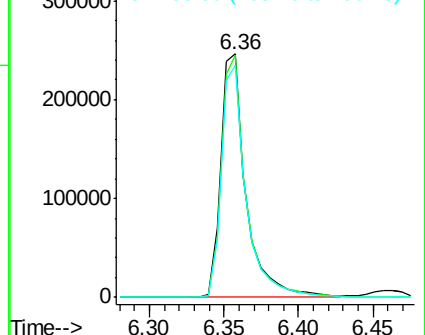
106 95.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.204 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

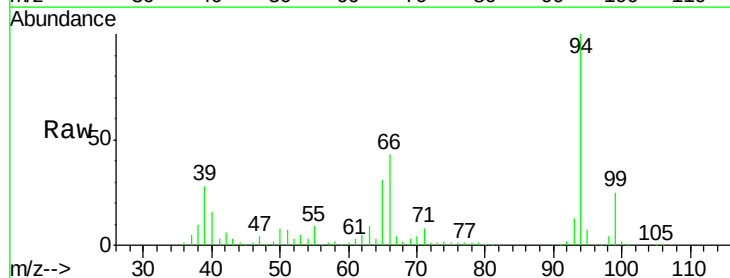
Tgt Ion: 94 Resp: 456088

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

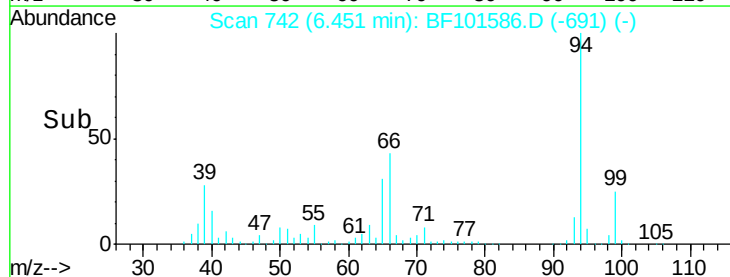
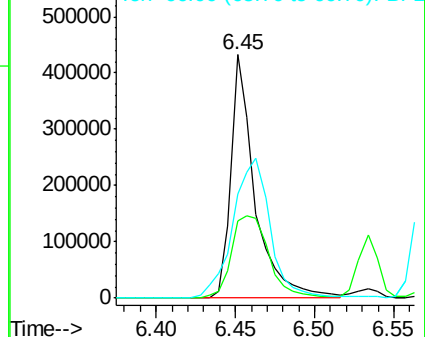
66 43.0 16.2 56.2

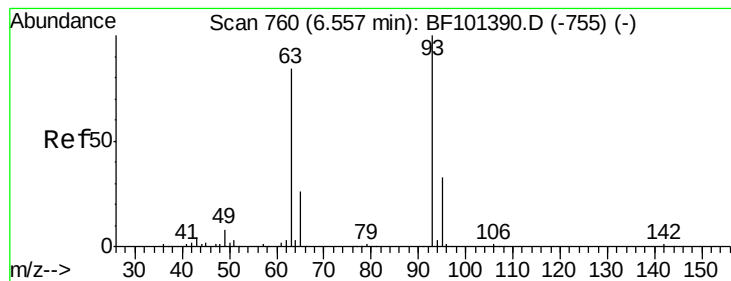


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.337 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

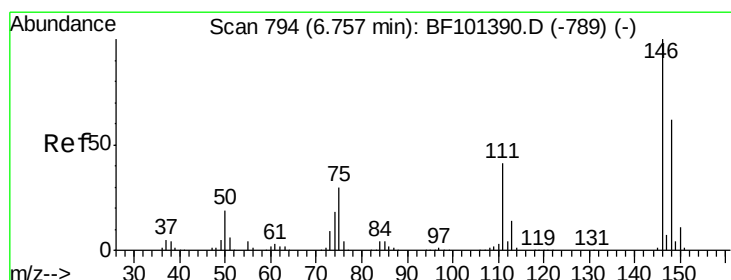
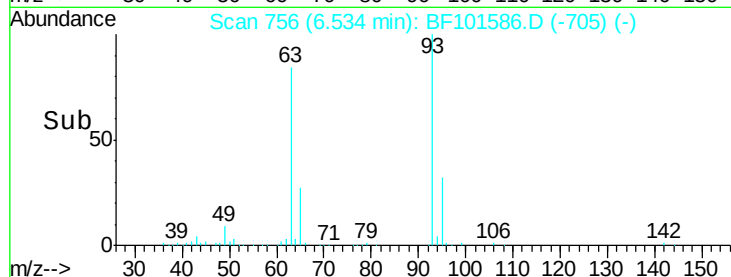
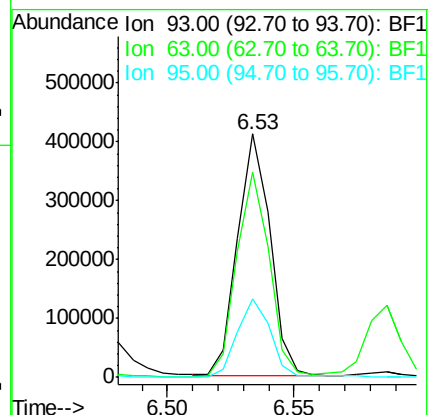
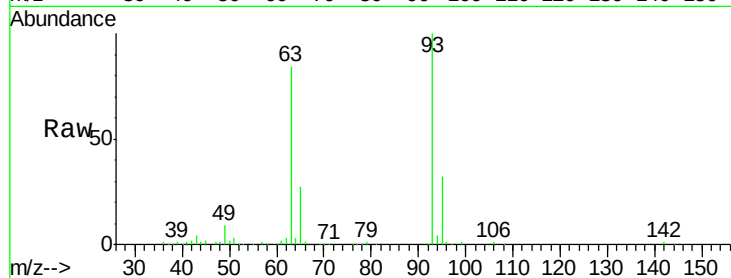
Tot Ion: 93 Resp: 368645

Ion Ratio Lower Upper

93 100

63 84.1 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.679 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

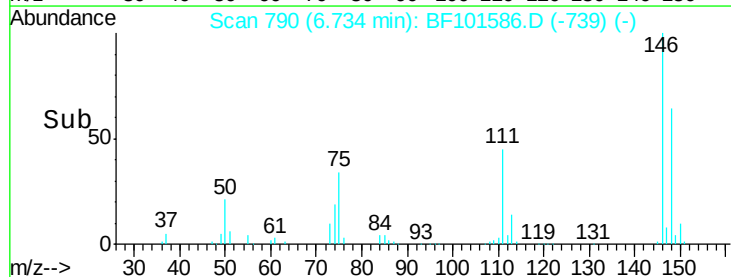
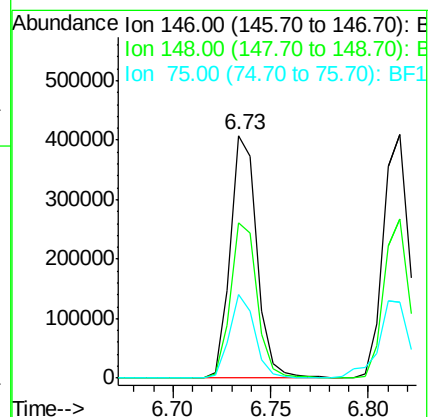
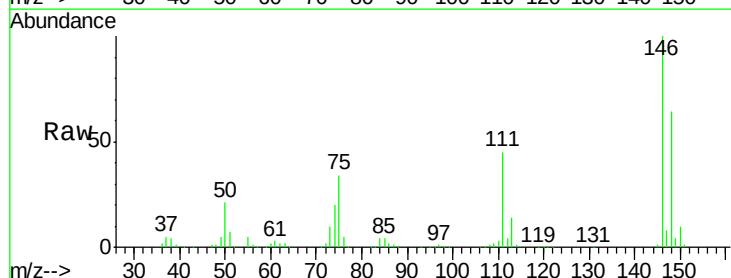
Tgt Ion: 146 Resp: 386610

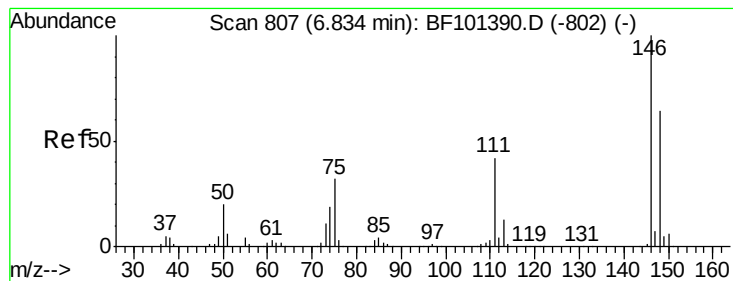
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

75 34.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.433 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

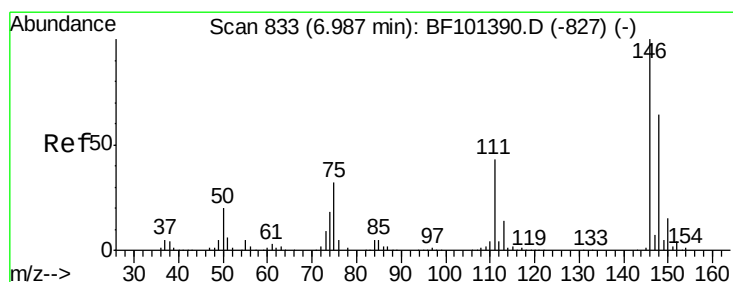
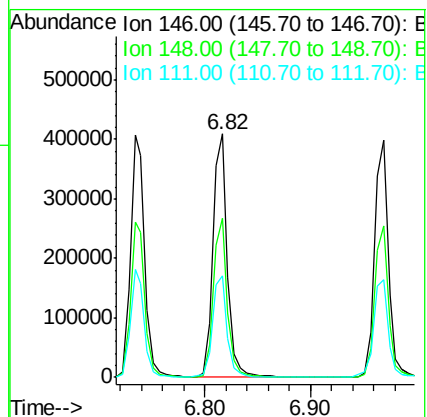
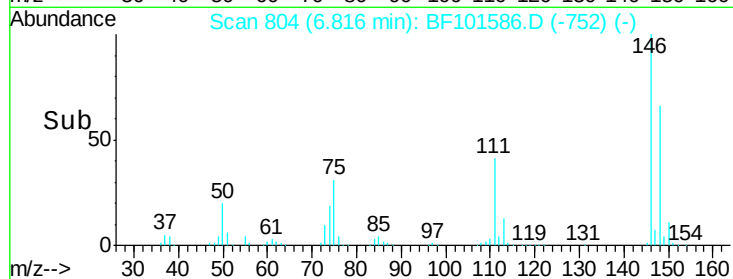
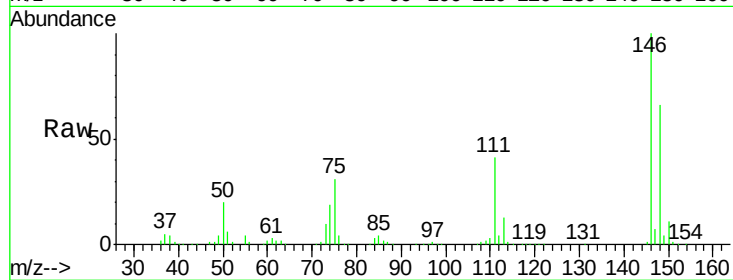
Tot Ion:146 Resp: 392223

Ion Ratio Lower Upper

146 100

148 65.5 50.8 76.2

111 41.5 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 38.184 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

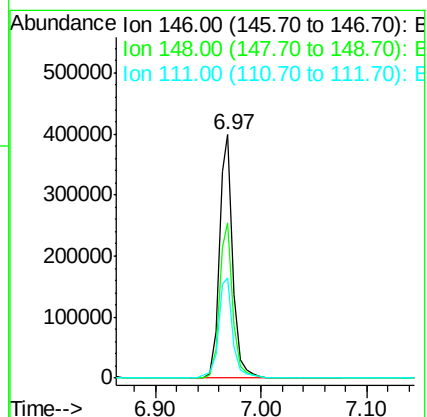
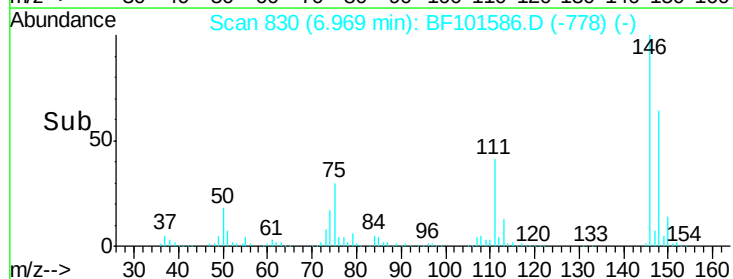
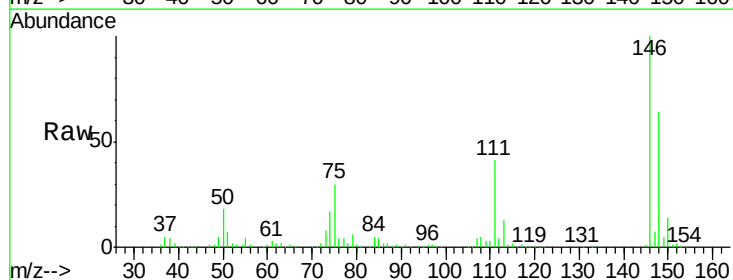
Tgt Ion:146 Resp: 360124

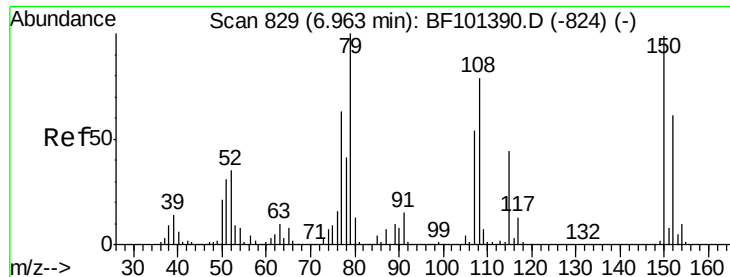
Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

111 40.9 36.0 54.0

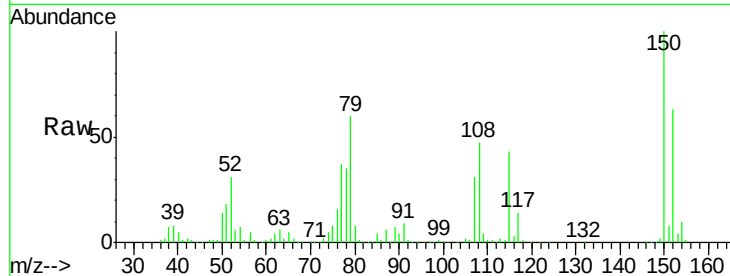




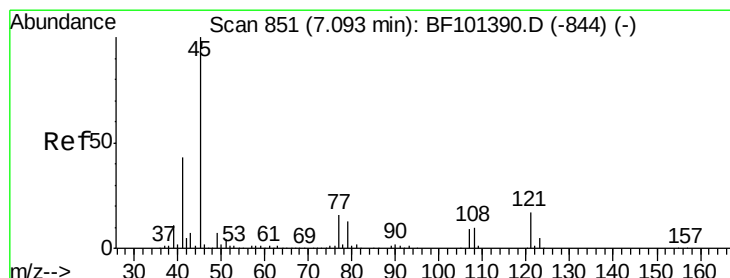
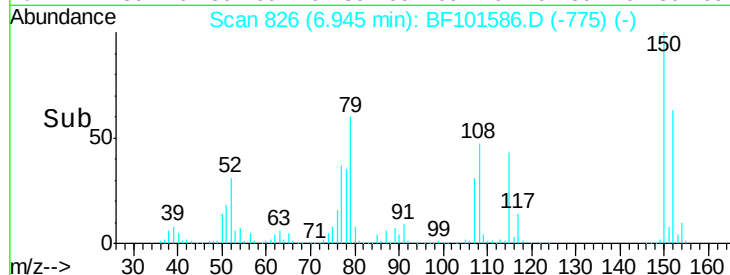
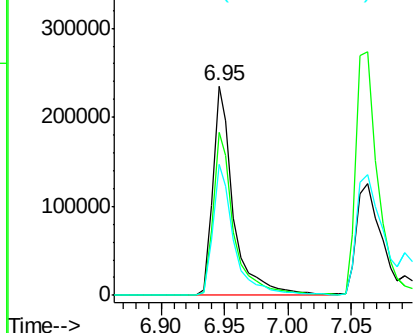
#15
Benzyl Alcohol
Concen: 36.680 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 271552
Ion Ratio Lower Upper
79 100
108 78.1 65.1 97.7
77 62.5 50.6 75.8

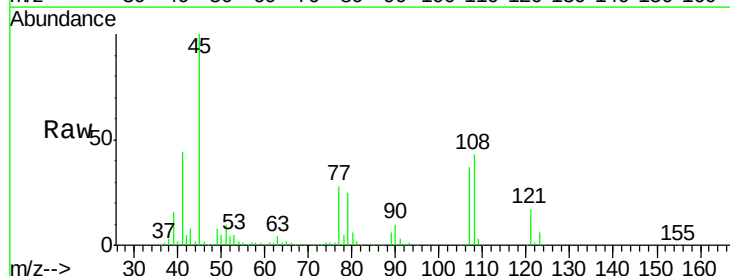


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

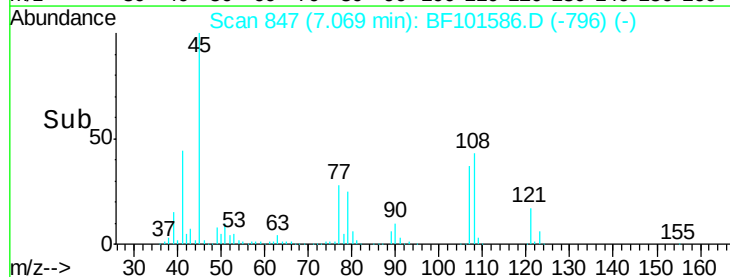
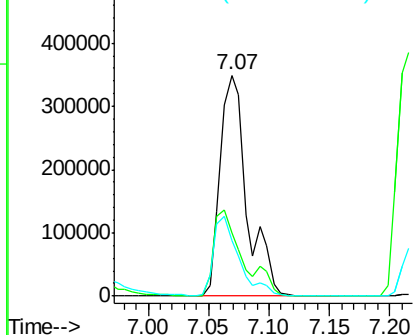


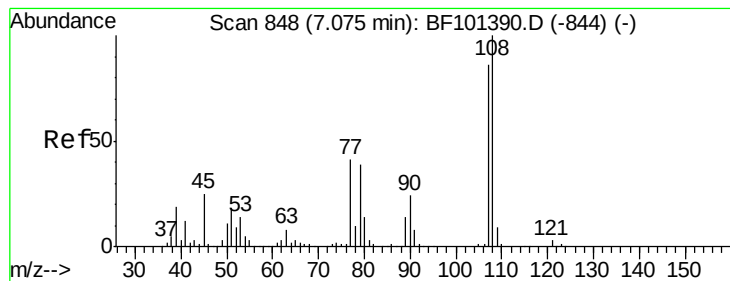
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.692 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion: 45 Resp: 539988
Ion Ratio Lower Upper
45 100
77 28.4 0.0 32.9
79 24.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 35.686 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 298432

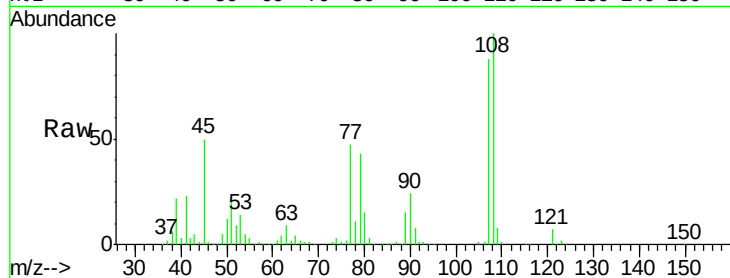
Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 53.6 33.8 50.8#

79 48.4 33.8 50.8

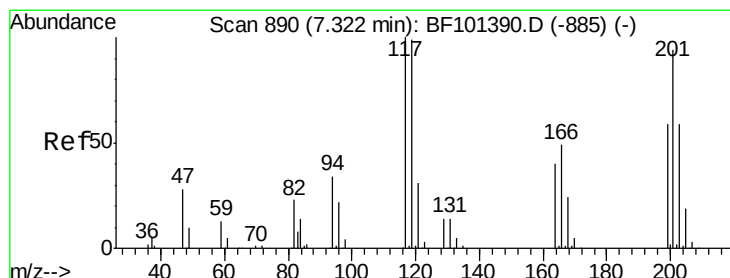
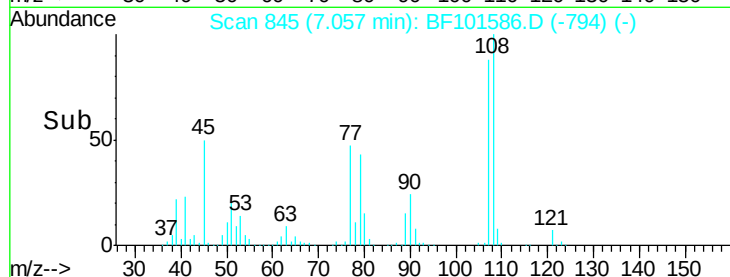
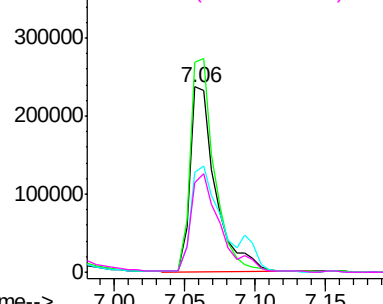


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.982 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

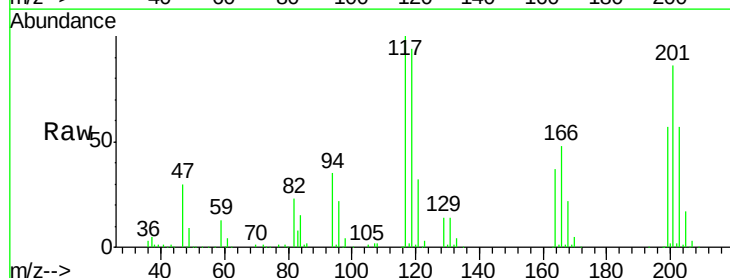
Tgt Ion:117 Resp: 127438

Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.8

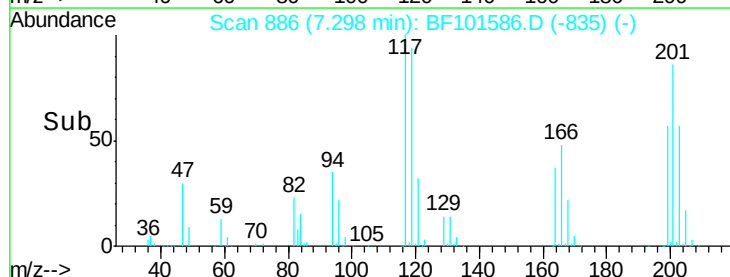
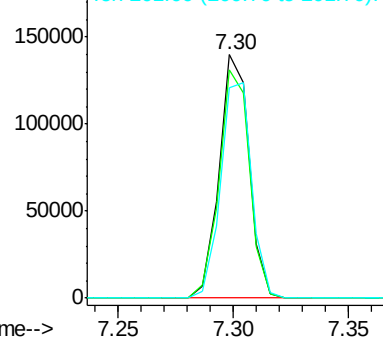
201 86.3 75.7 113.5

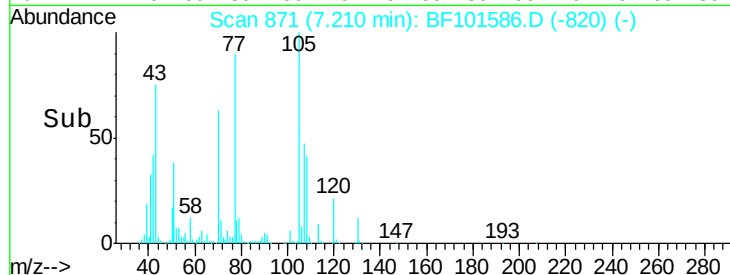
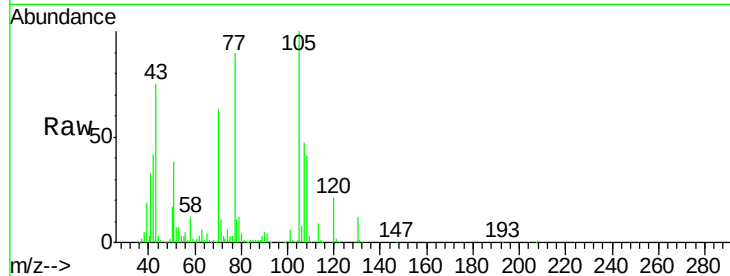
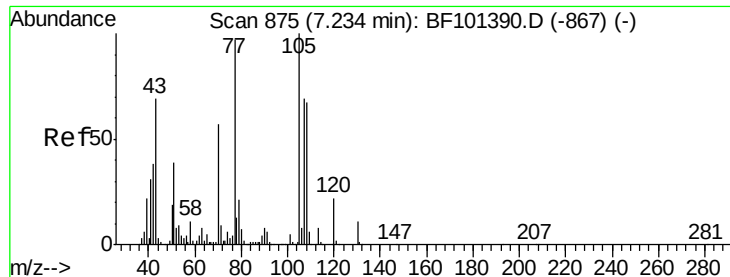


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

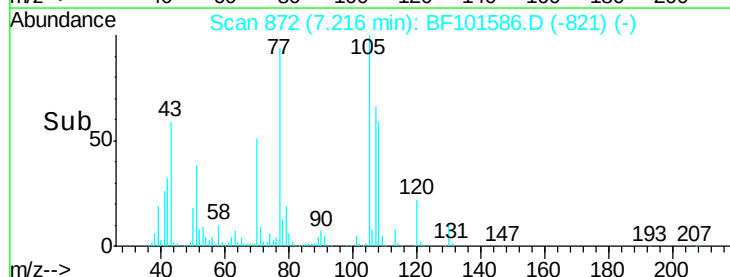
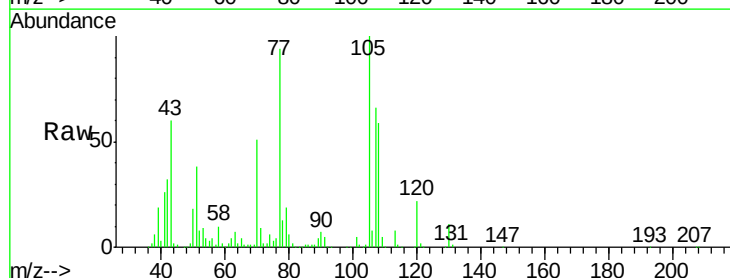
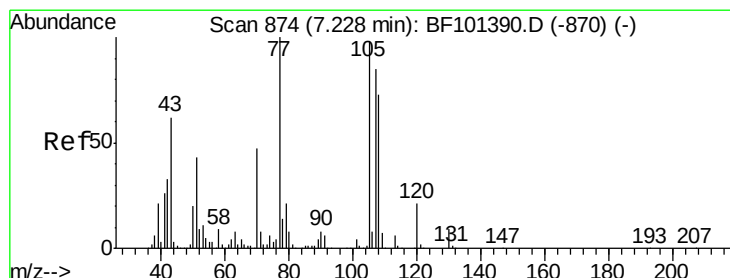
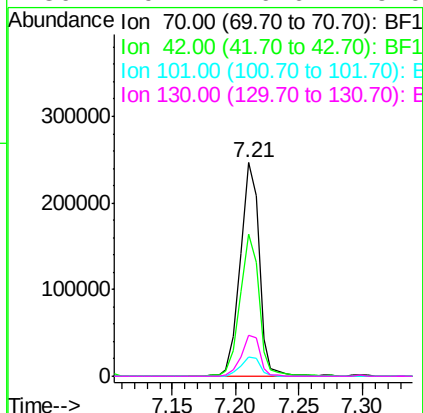




#19
n-Nitroso-di-n-propylamine
Concen: 36.007 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

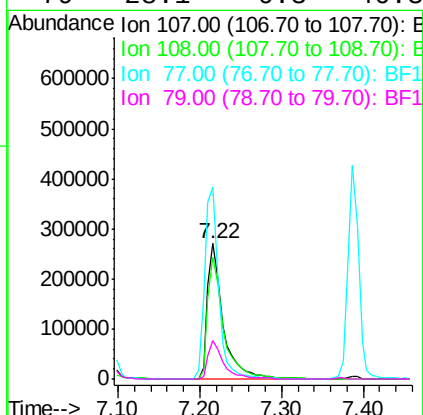
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

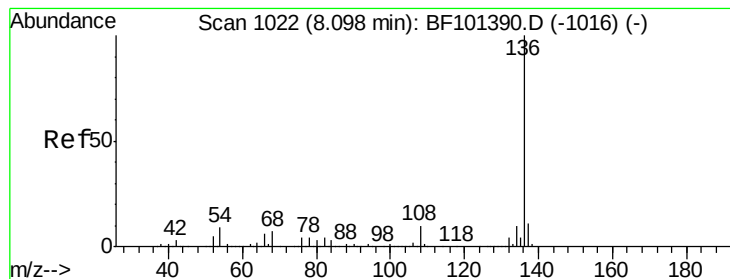
Tot Ion:	70	Resp:	254338
Ion	Ratio	Lower	Upper
70	100		
42	66.6	47.5	71.3
101	9.3	7.4	11.2
130	19.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.945 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion:	107	Resp:	353984
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	142.6	26.7	66.7#
79	28.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 492496

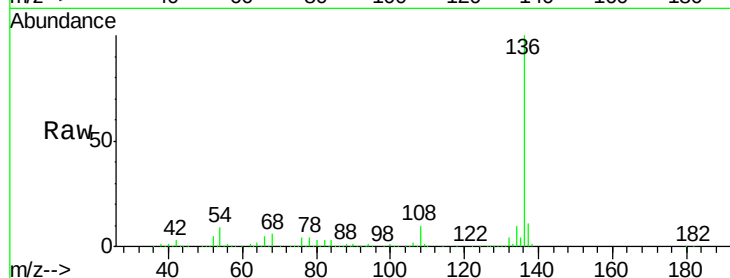
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.7 6.6 9.8

68 6.4 5.0 7.4

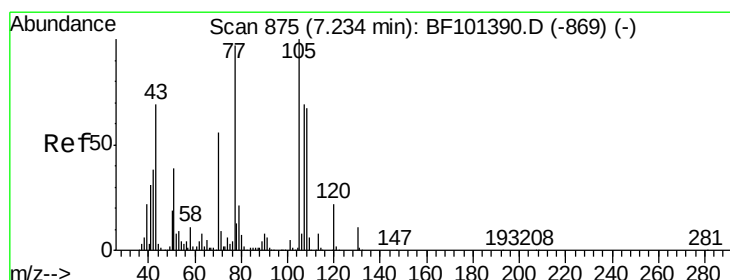
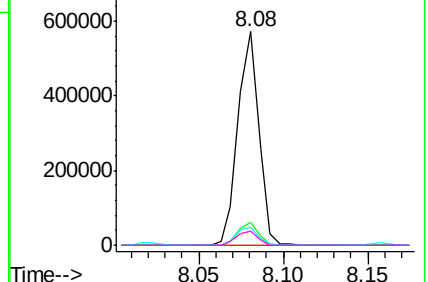
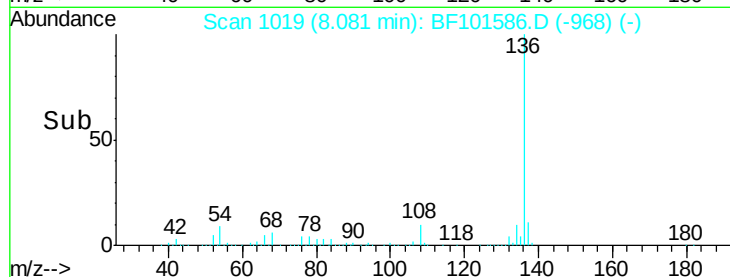


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.542 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Tgt Ion:105 Resp: 455596

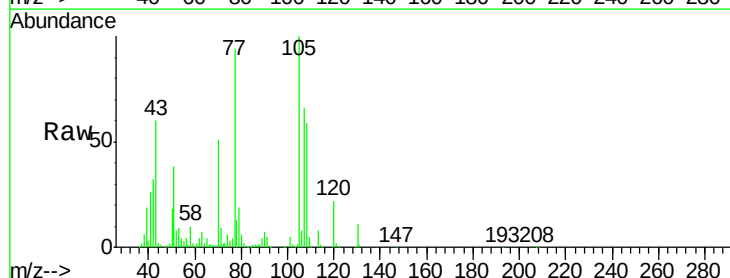
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 37.9 22.3 33.5#

120 21.5 16.9 25.3

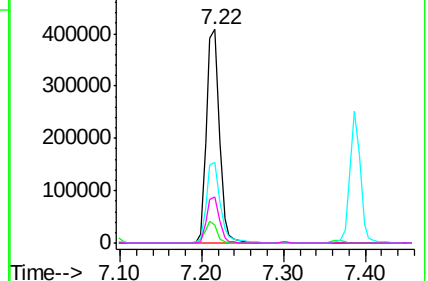
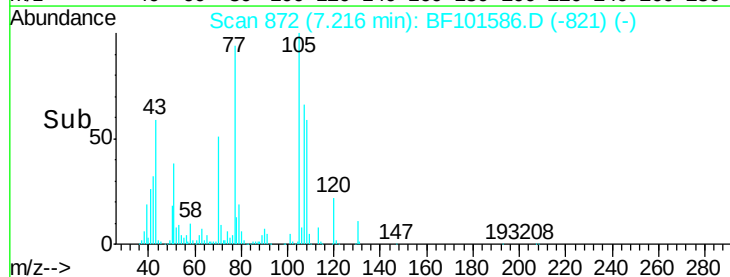


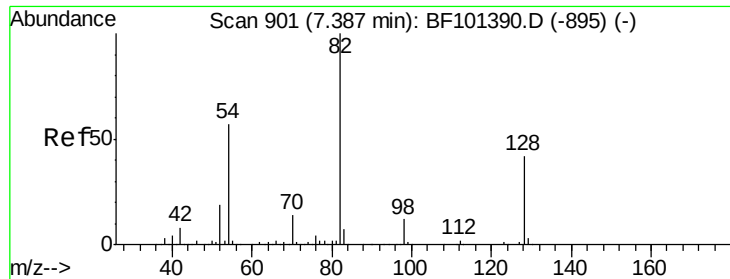
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

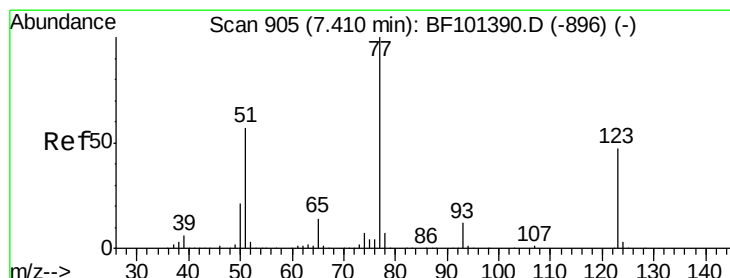
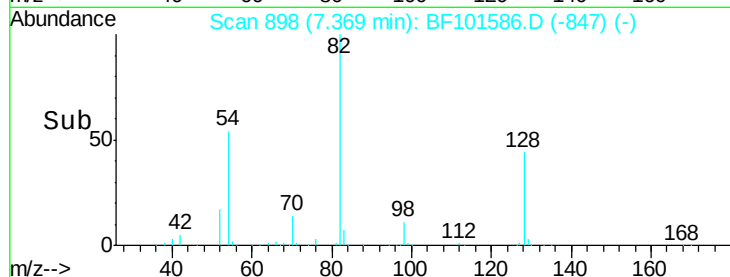
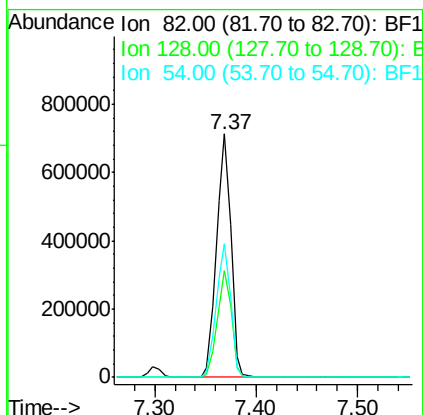
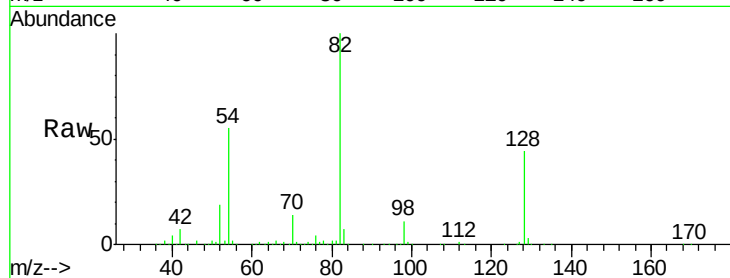




#23
Nitrobenzene-d5
Concen: 79.875 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

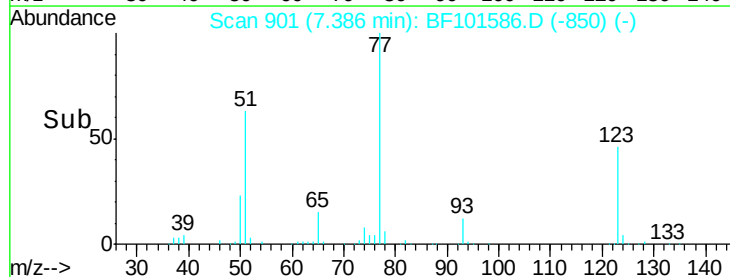
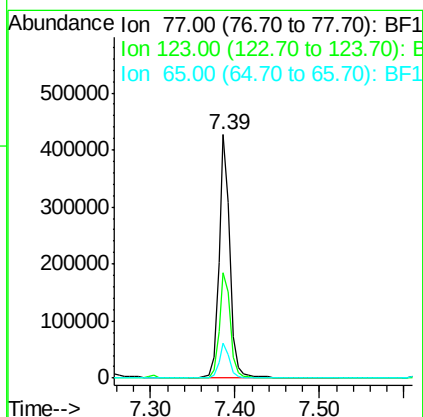
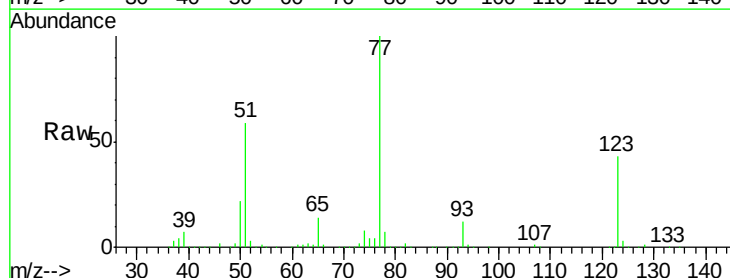
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

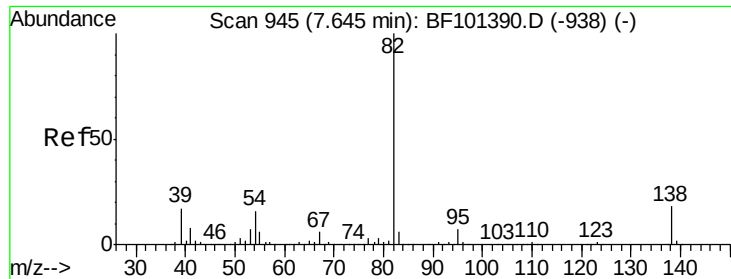
Tot Ion: 82 Resp: 706688
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 55.0 41.4 62.2



#24
Nitrobenzene
Concen: 39.634 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion: 77 Resp: 388094
Ion Ratio Lower Upper
77 100
123 43.4 37.9 56.9
65 14.2 11.0 16.4

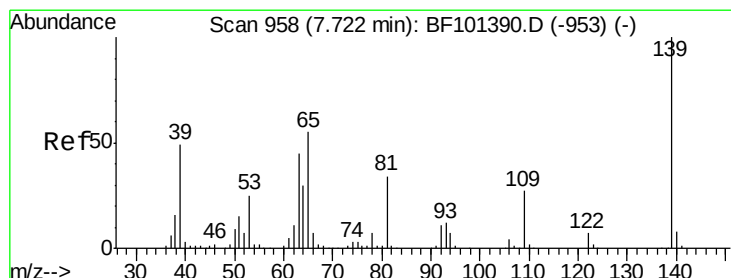
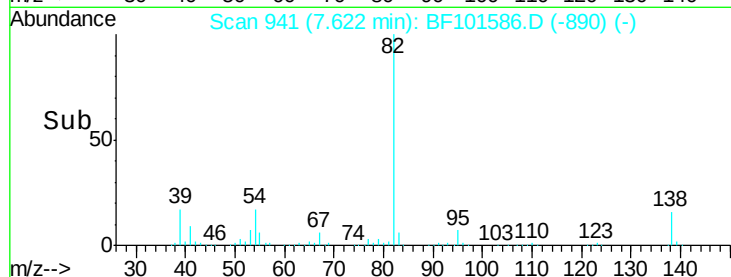
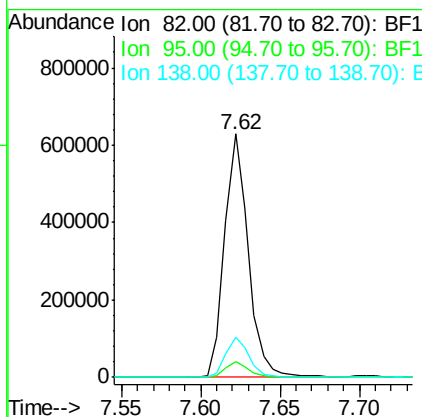
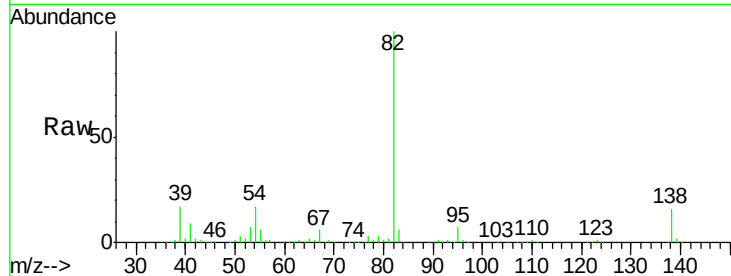




#25
Isophorone
Concen: 36.876 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

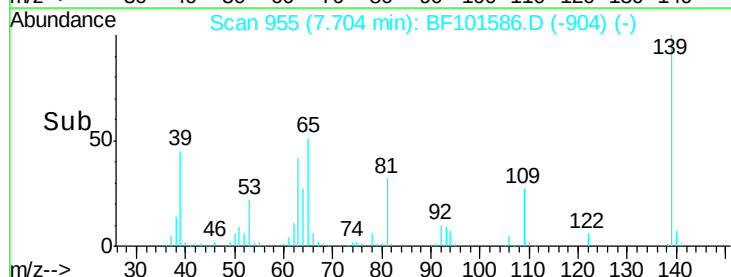
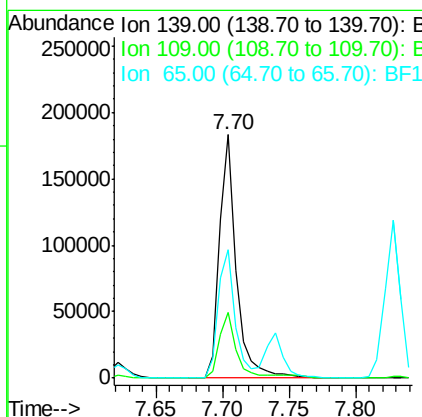
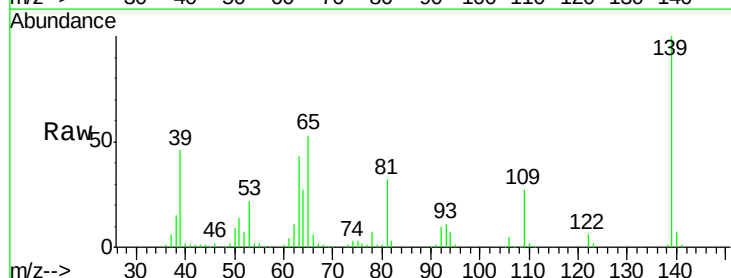
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

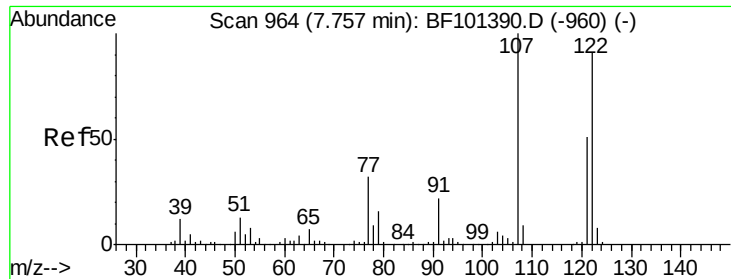
Tot Ion: 82 Resp: 654490
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.4 14.9 22.3



#26
2-Nitrophenol
Concen: 39.221 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion: 139 Resp: 164993
Ion Ratio Lower Upper
139 100
109 27.1 22.7 34.1
65 52.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.805 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

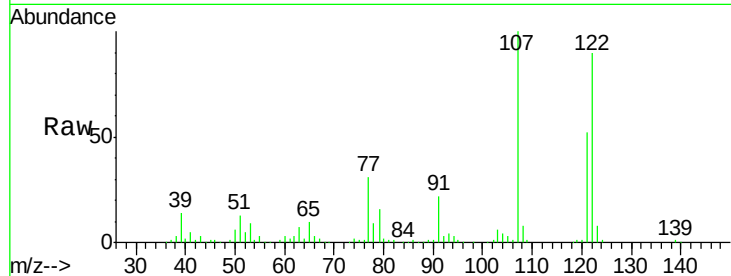
Tot Ion:122 Resp: 270179

Ion Ratio Lower Upper

122 100

107 111.2 91.2 136.8

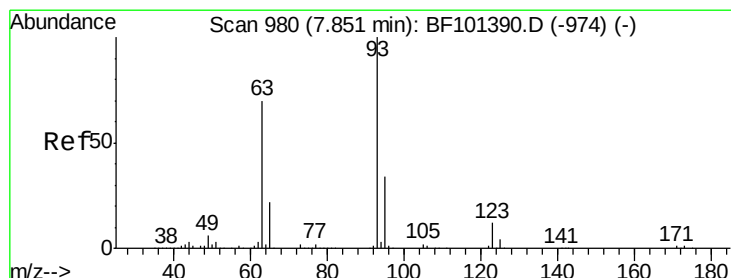
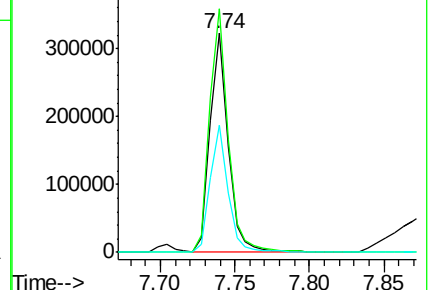
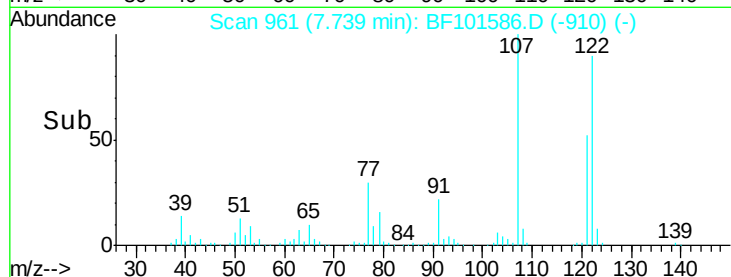
121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.385 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

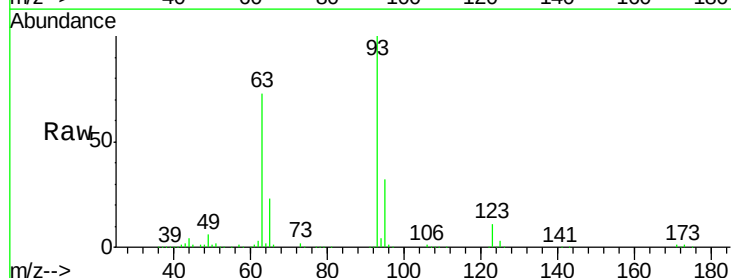
Tgt Ion: 93 Resp: 432763

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

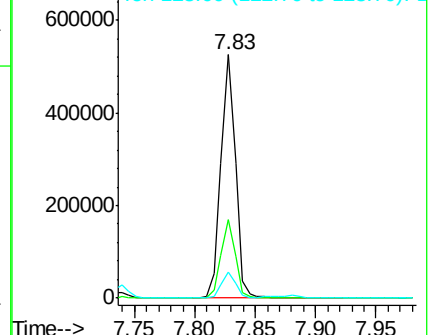
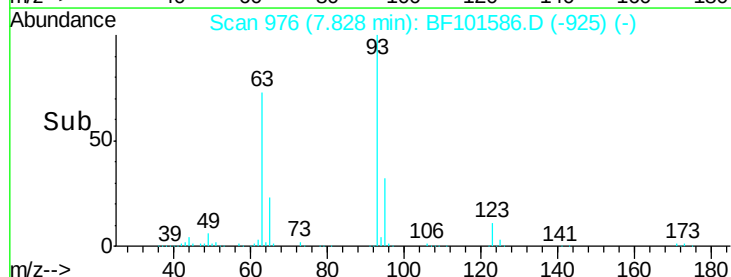
123 10.7 9.8 14.6

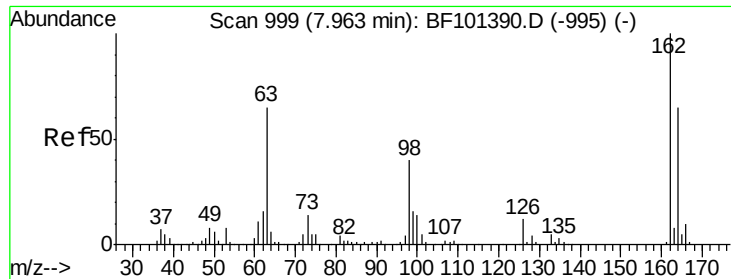


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

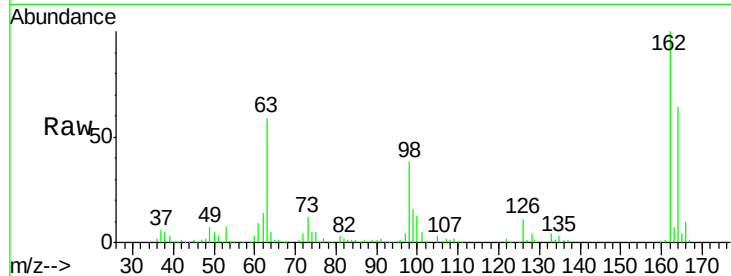




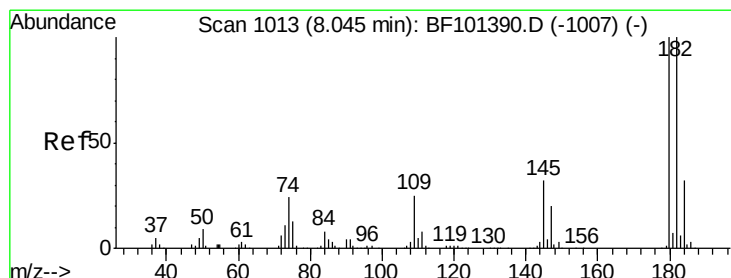
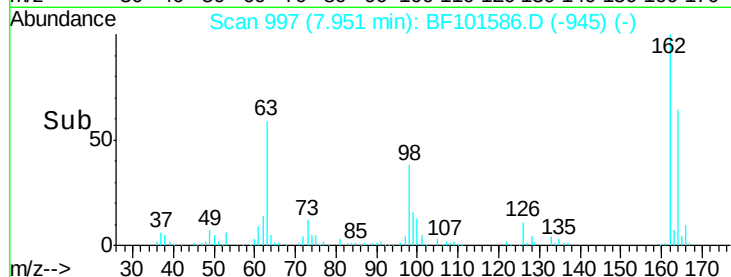
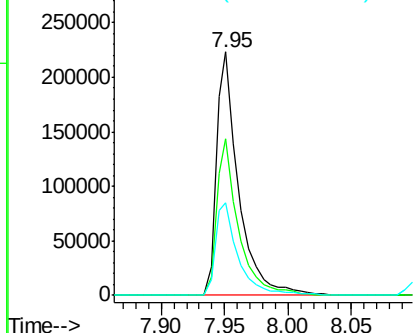
#29
 2,4-Dichlorophenol
 Concen: 38.633 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	38.0	18.1	58.1

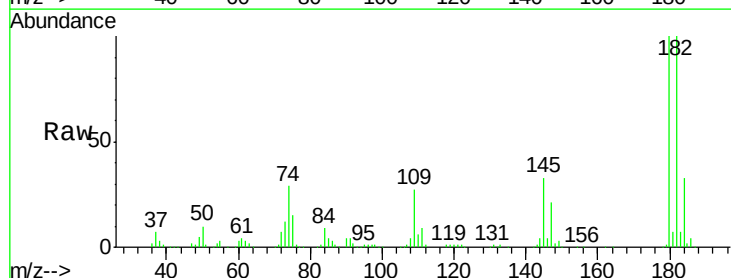


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

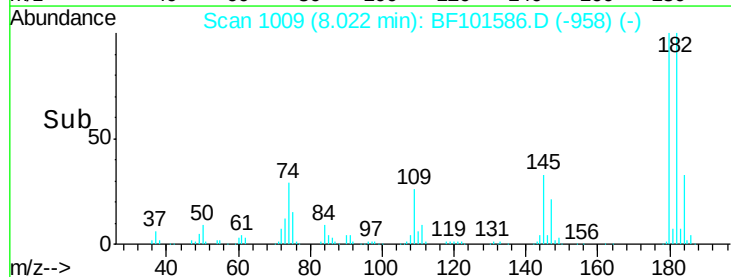
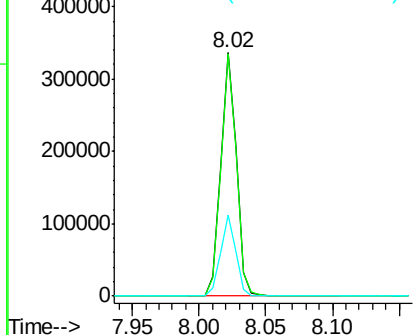


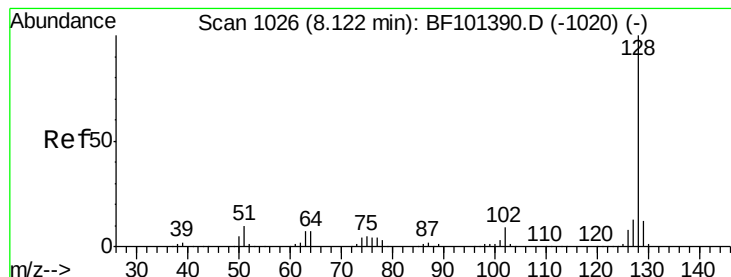
#30
 1,2,4-Trichlorobenzene
 Concen: 37.474 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.8	115.2
145	33.4	26.5	39.7



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: 37.347 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

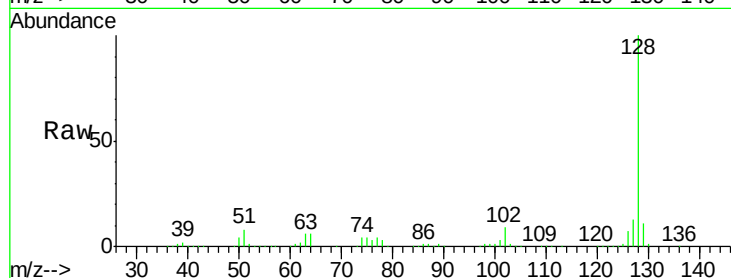
Tot Ion:128 Resp: 925977

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

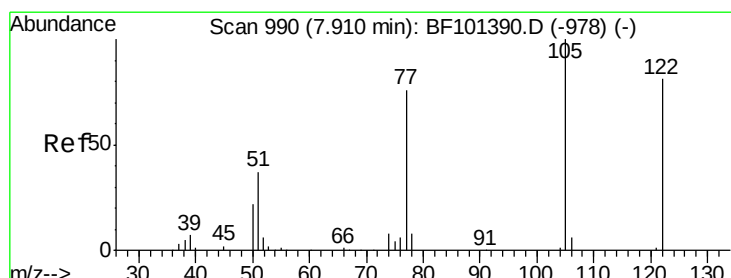
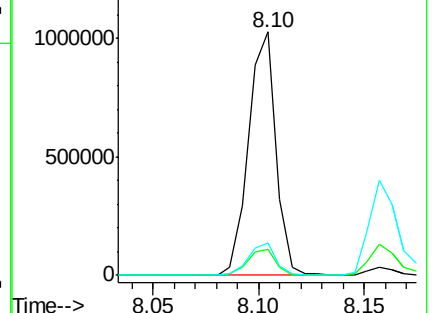
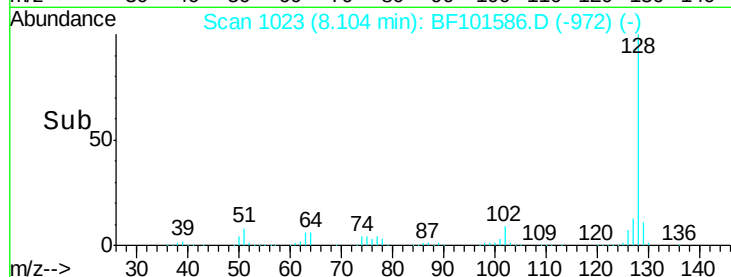
127 13.1 10.9 16.3



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: 28.393 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

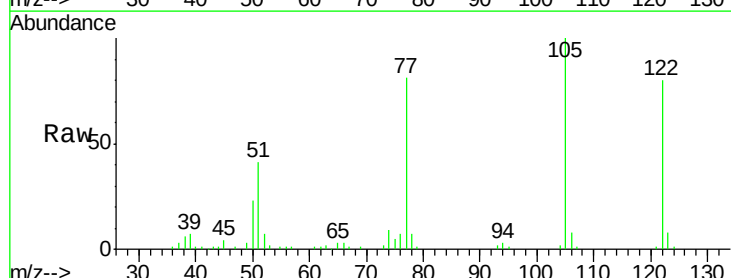
Tgt Ion:122 Resp: 117951

Ion Ratio Lower Upper

122 100

105 125.6 101.1 141.1

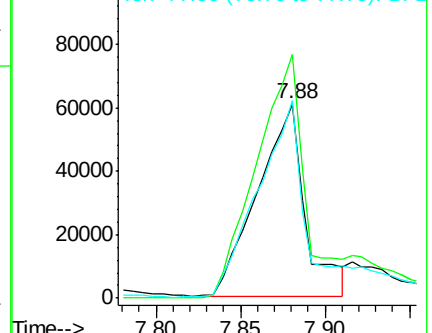
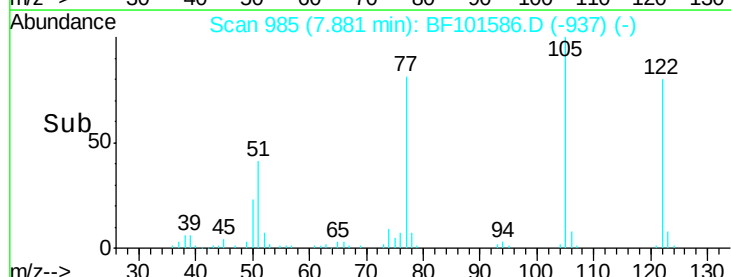
77 101.6 70.7 110.7

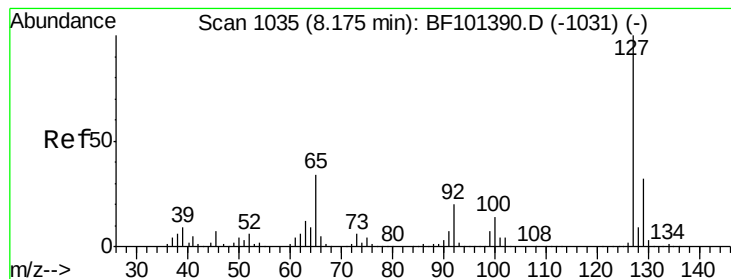


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 36.690 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 395386

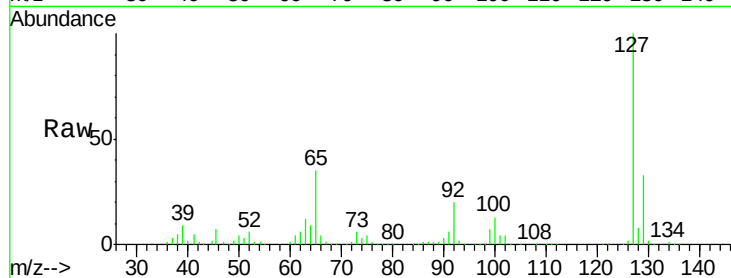
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 34.6 25.0 37.4

92 19.6 15.2 22.8

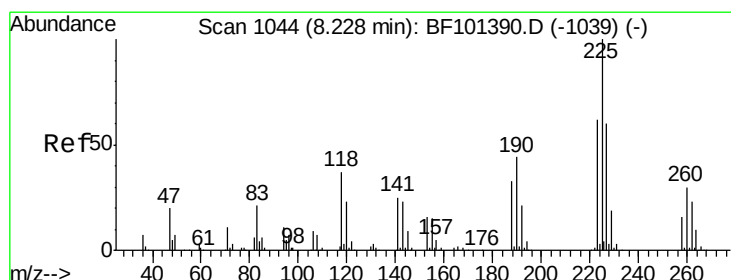
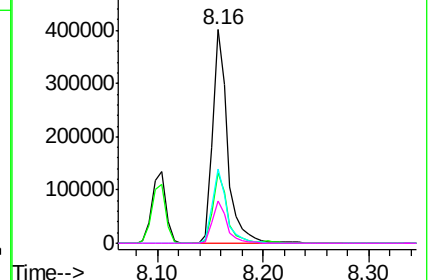
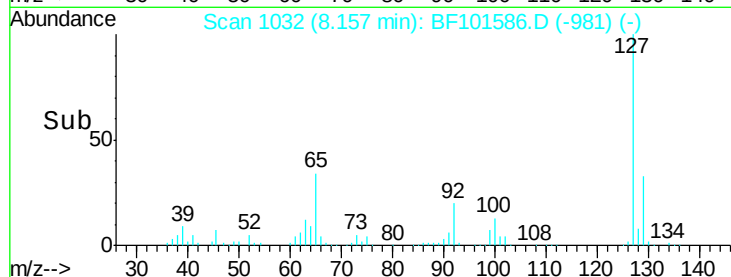


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 38.891 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

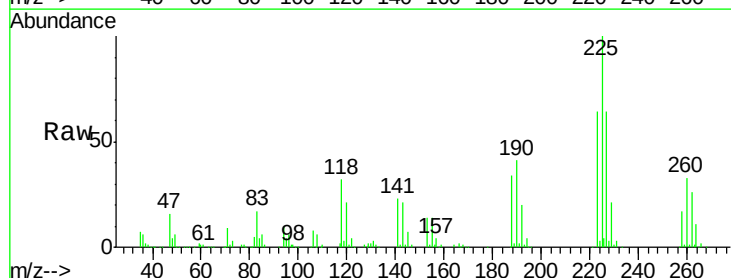
Tgt Ion:225 Resp: 167599

Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

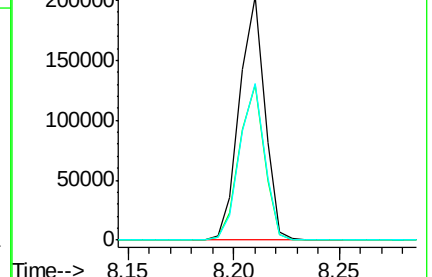
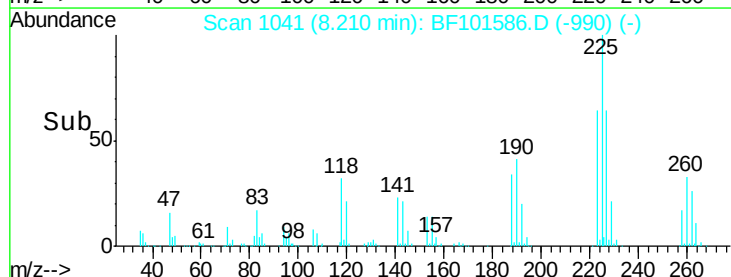
227 64.4 51.9 77.9

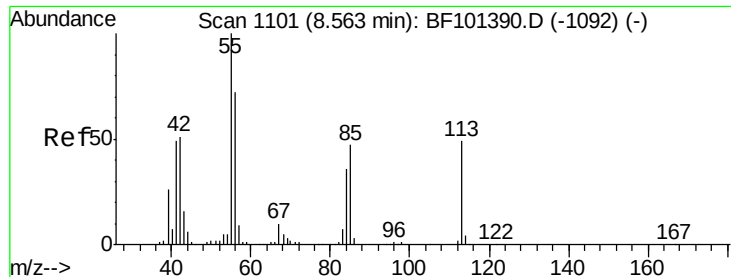


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

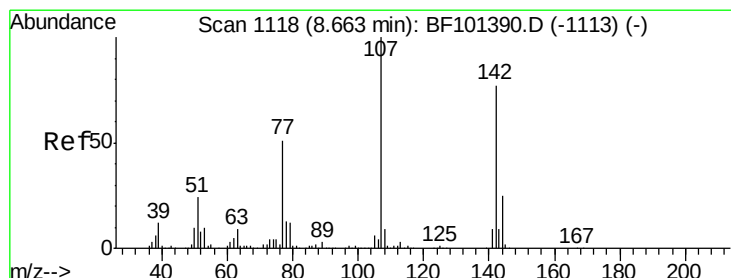
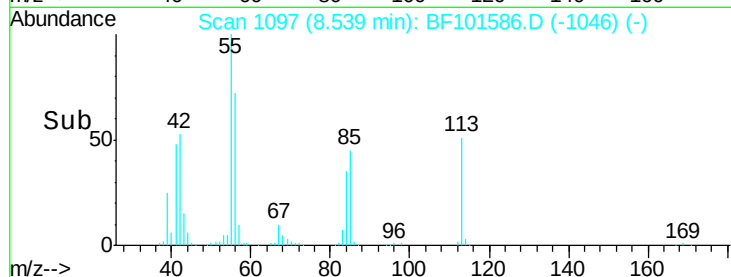
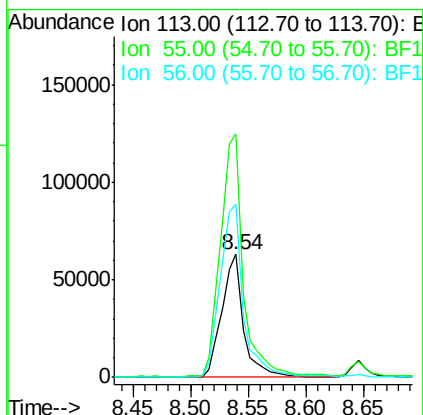
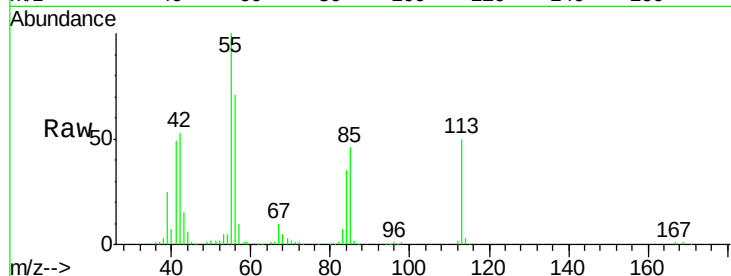




#35
 Caprolactam
 Concen: 33.768 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

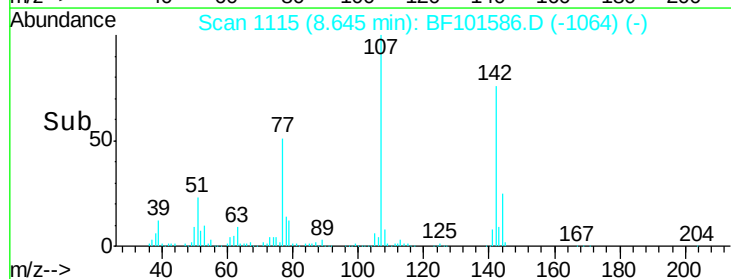
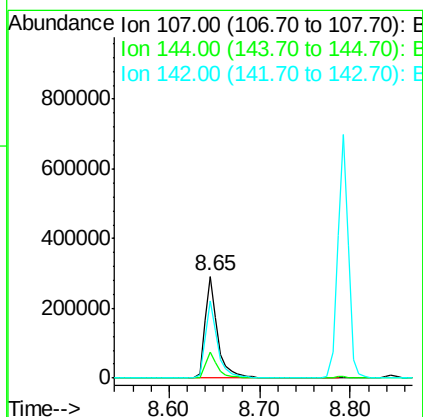
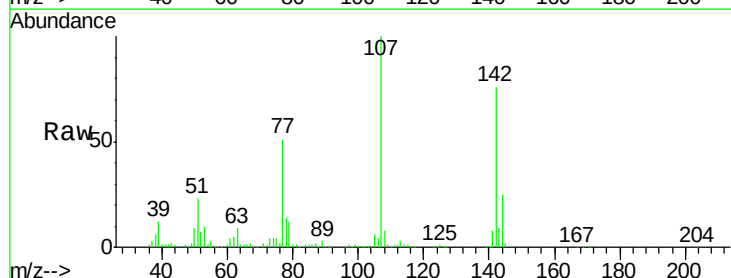
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

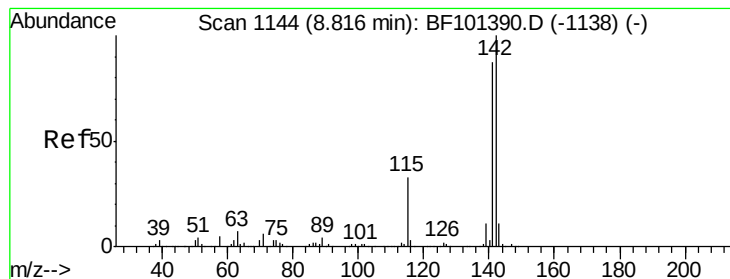
Tot Ion:113 Resp: 82789
 Ion Ratio Lower Upper
 113 100
 55 198.1 163.3 203.3
 56 141.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.741 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion:107 Resp: 285122
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 75.8 62.0 93.0

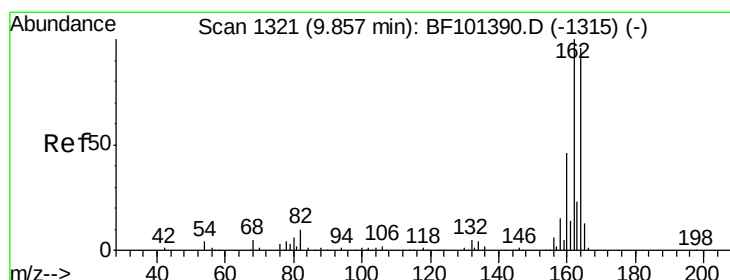
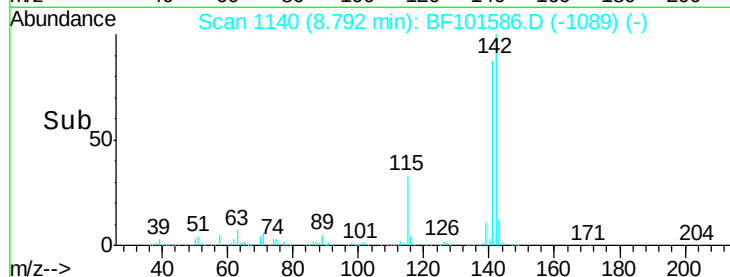
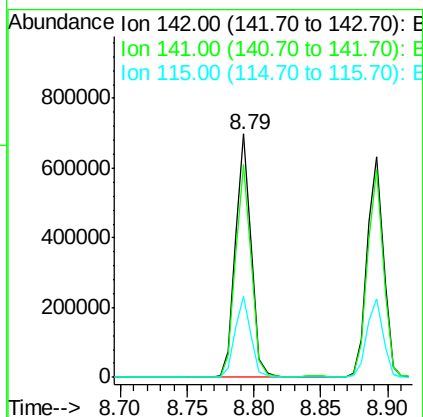
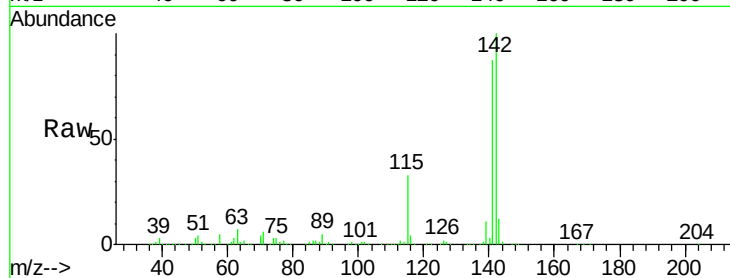




#37
2-Methylnaphthalene
Concen: 36.014 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

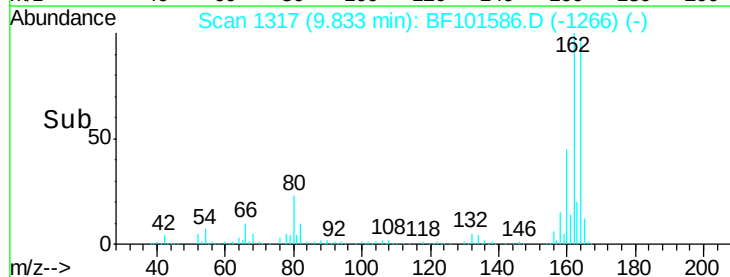
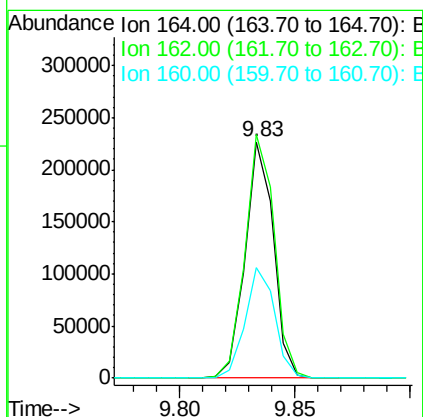
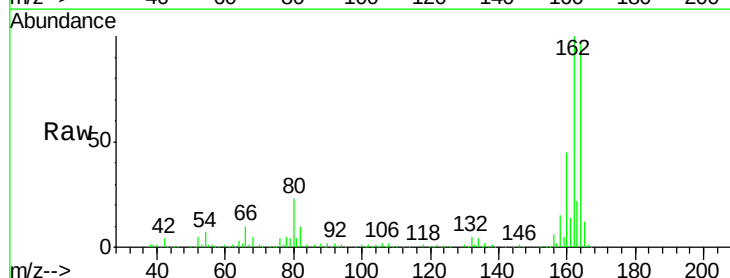
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

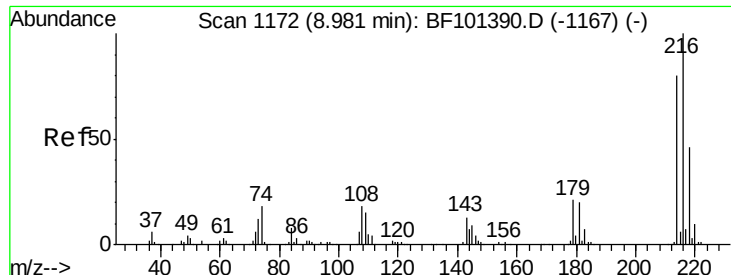
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2
115	33.5	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.413 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 272247

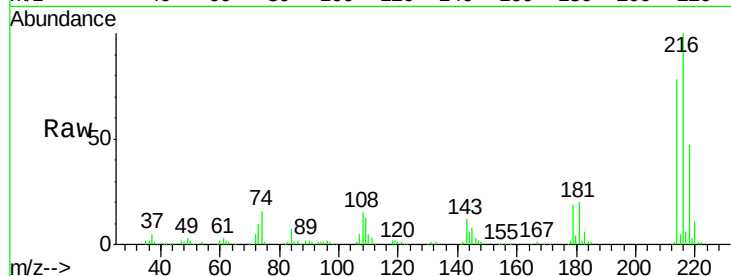
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 20.7 18.1 27.1

108 17.8 17.2 25.8

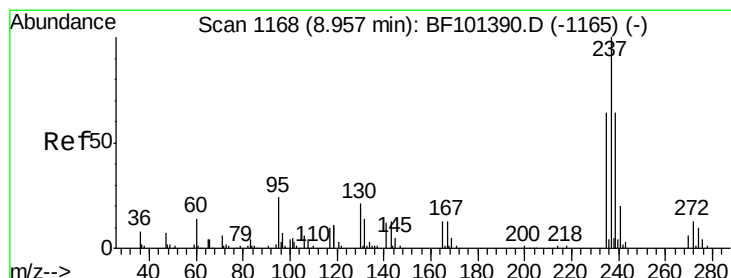
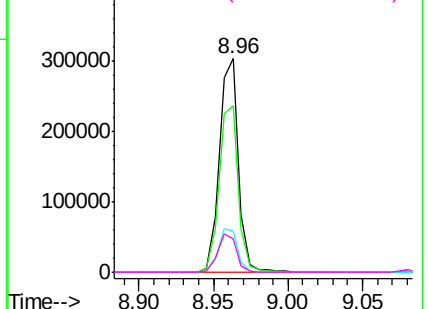
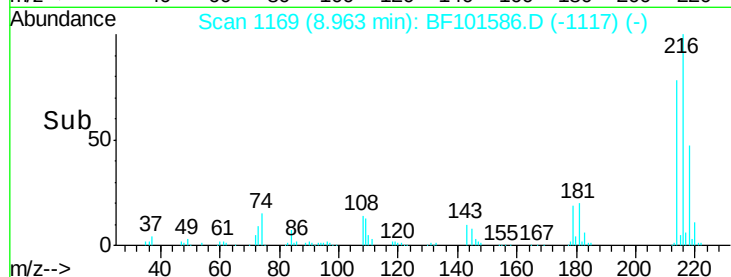


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.280 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

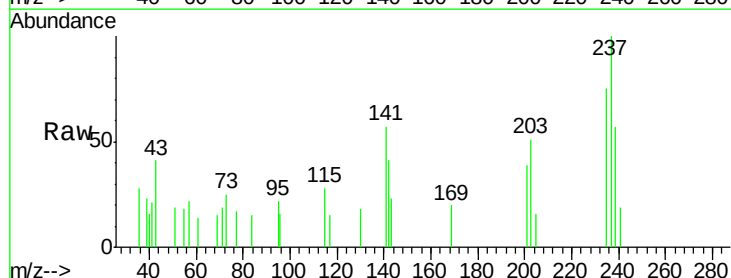
Tgt Ion:237 Resp: 1878

Ion Ratio Lower Upper

237 100

235 75.3 44.8 84.8

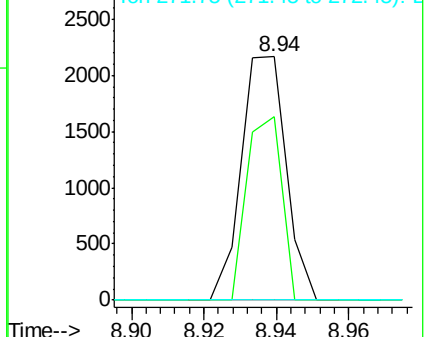
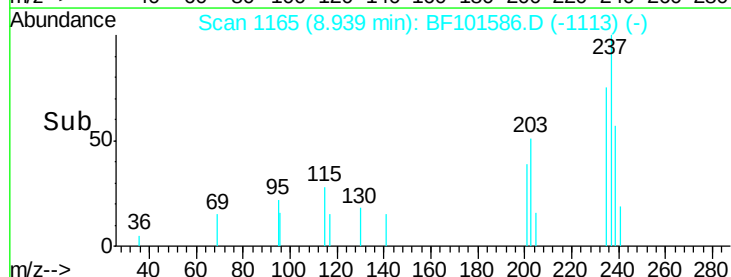
272 0.0 0.0 33.3

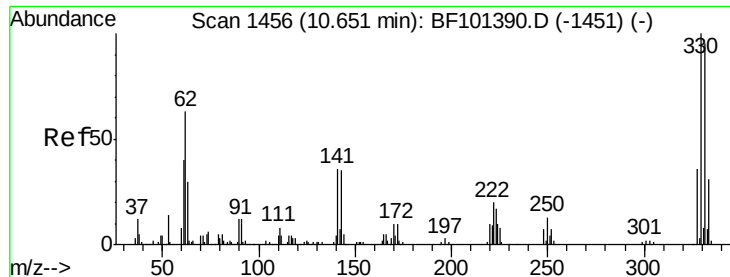


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

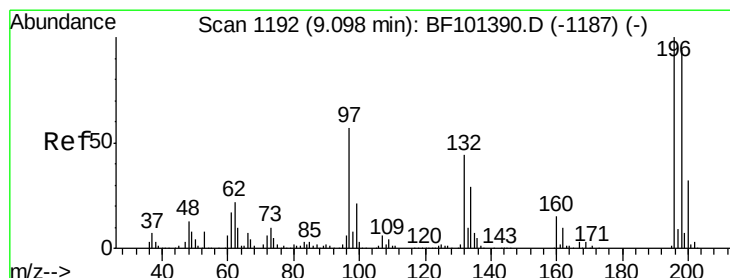
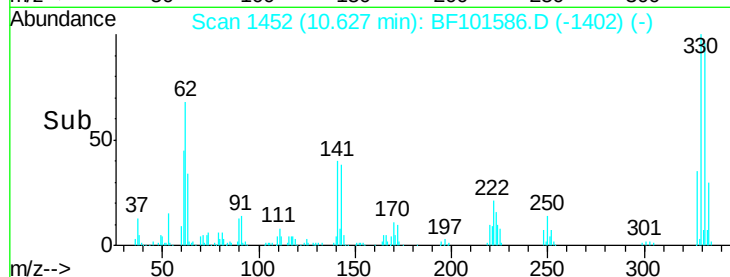
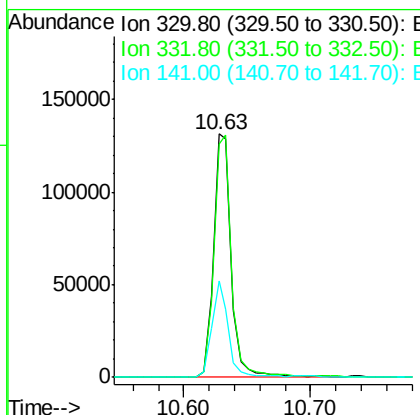
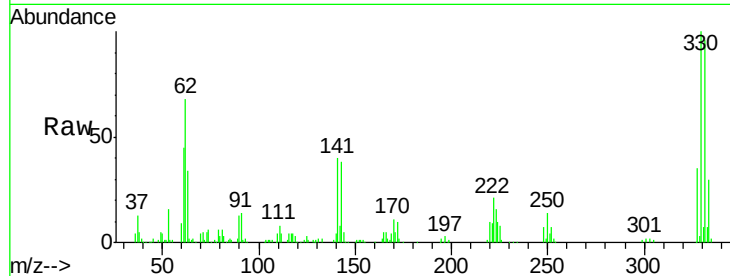




#41
 2,4,6-Tribromophenol
 Concen: 69.431 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

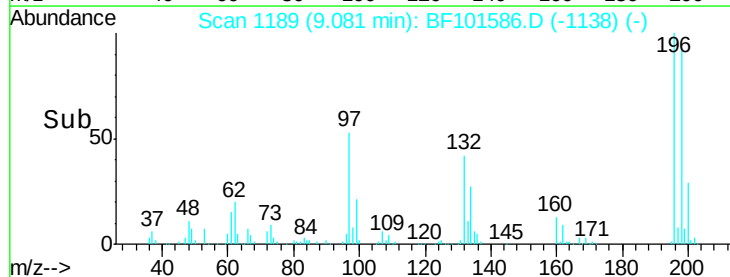
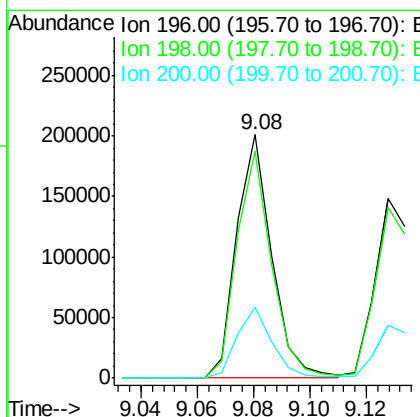
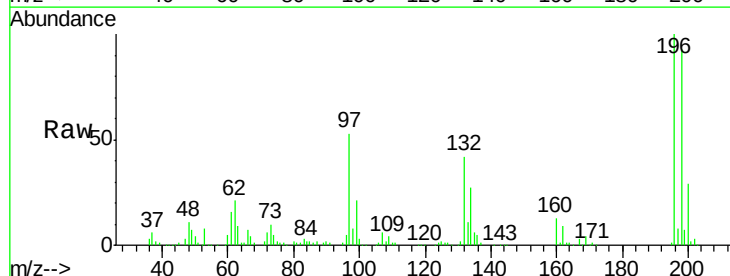
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

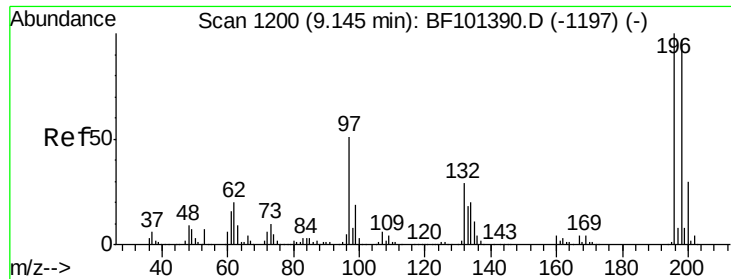
Tot Ion:330 Resp: 130265
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.0 115.6
 141 36.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.805 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion:196 Resp: 173365
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 200 29.1 24.5 36.7

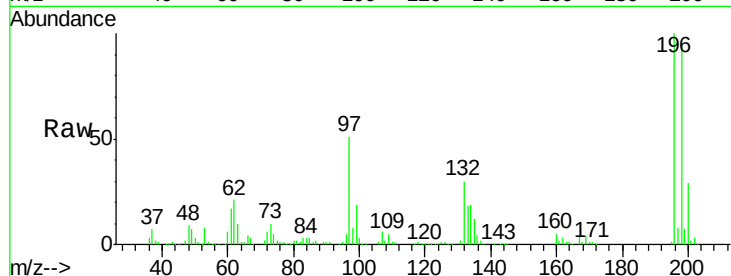




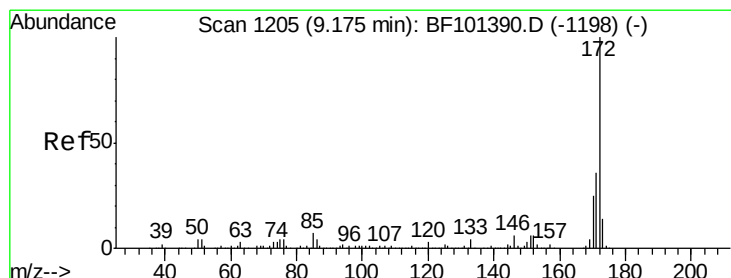
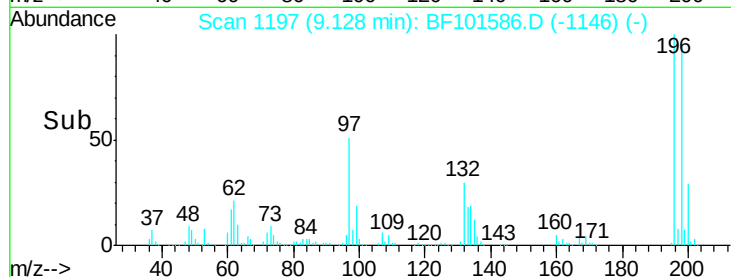
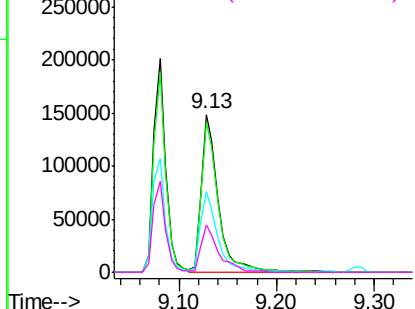
#43
 2,4,5-Trichlorophenol
 Concen: 40.919 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 177321
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.6 112.0
 97 51.1 42.9 64.3
 132 29.8 26.3 39.5

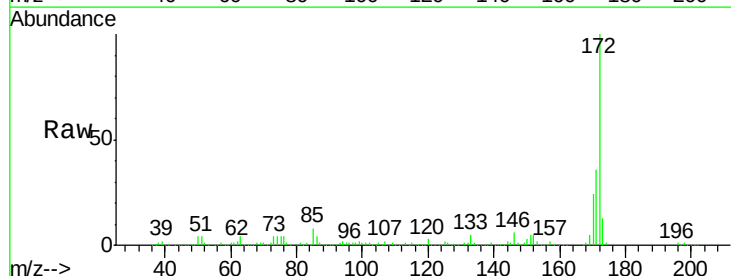


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

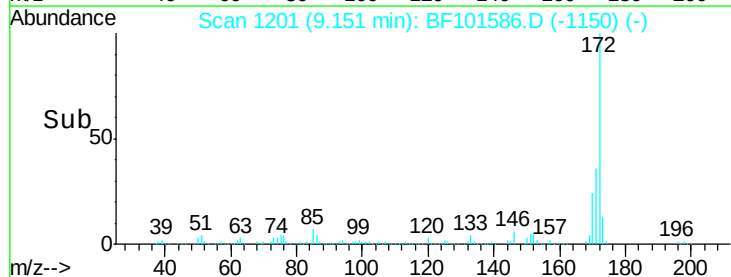
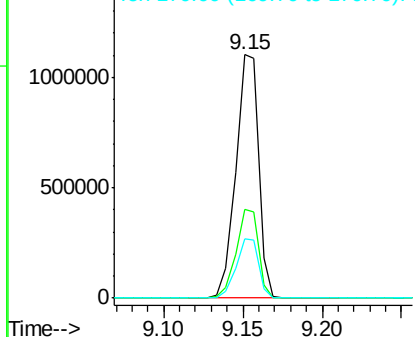


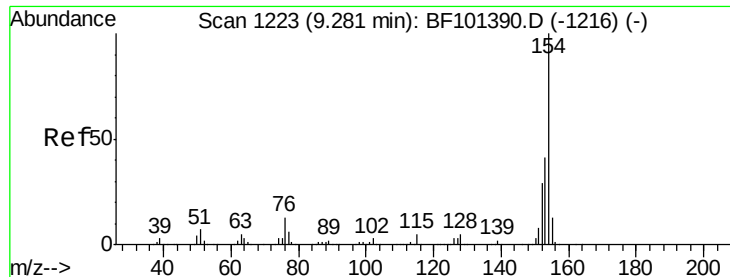
#44
 2-Fluorobiphenyl
 Concen: 87.329 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion:172 Resp: 1096143
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.3 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 40.600 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

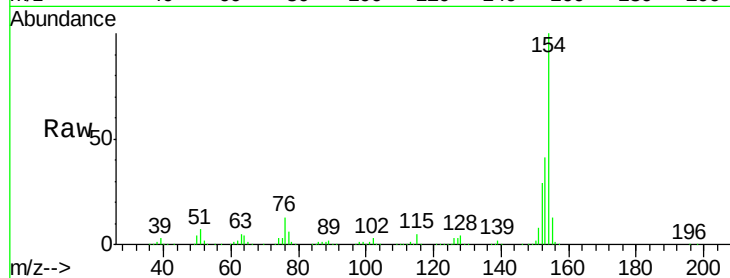
Tot Ion:154 Resp: 701076

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

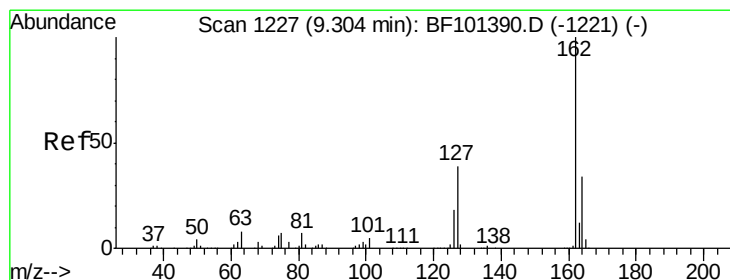
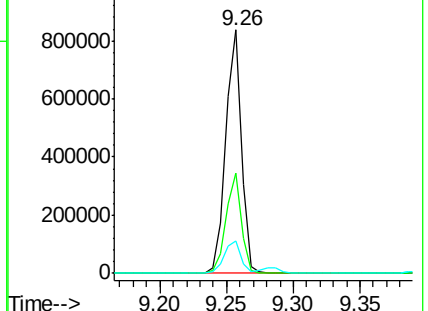
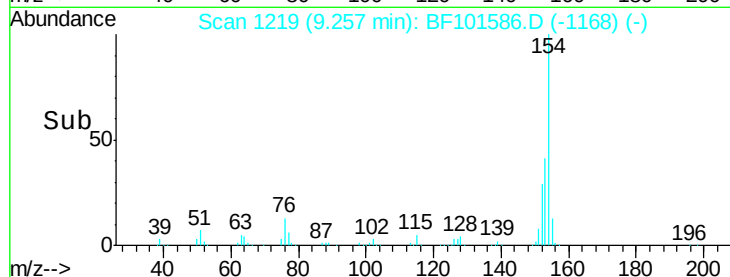
76 13.2 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 39.504 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

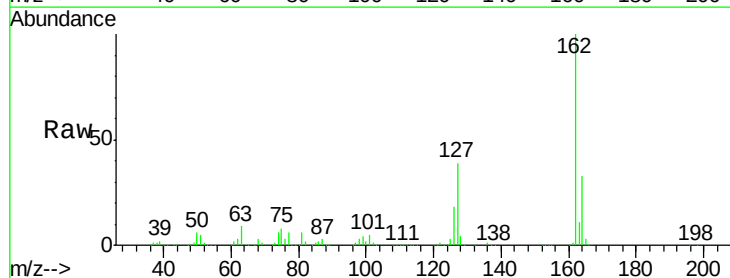
Tgt Ion:162 Resp: 521947

Ion Ratio Lower Upper

162 100

127 38.6 33.9 50.9

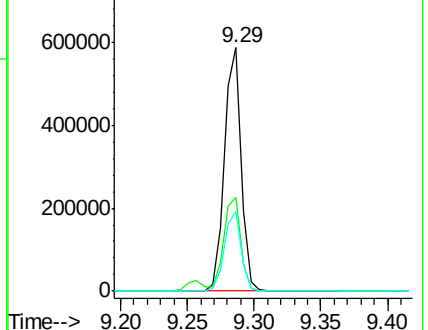
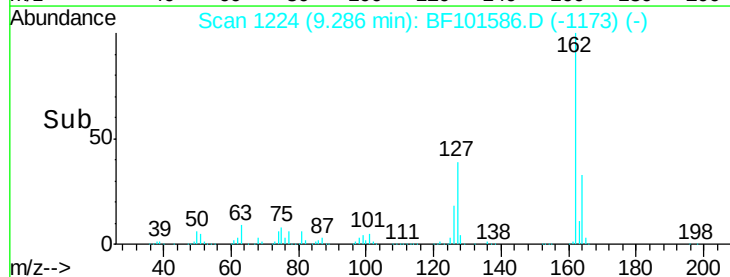
164 32.9 26.5 39.7

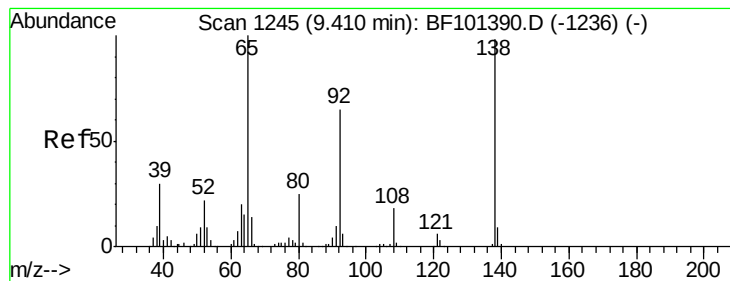


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.646 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

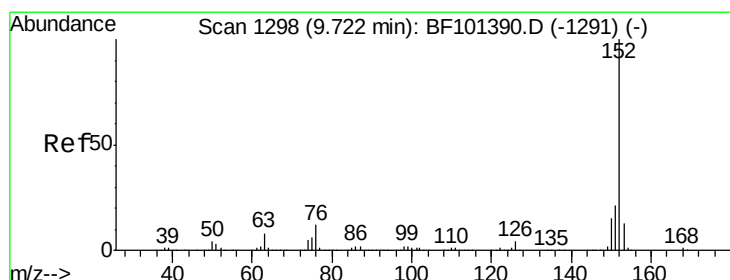
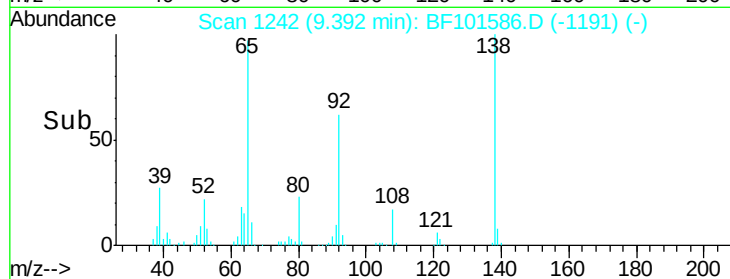
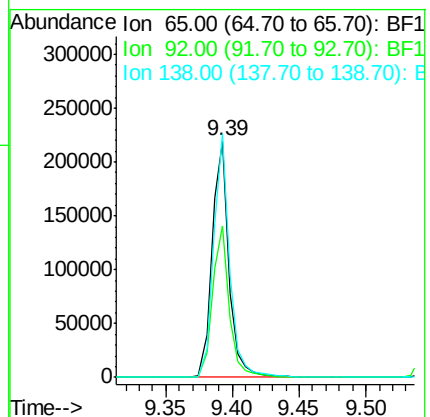
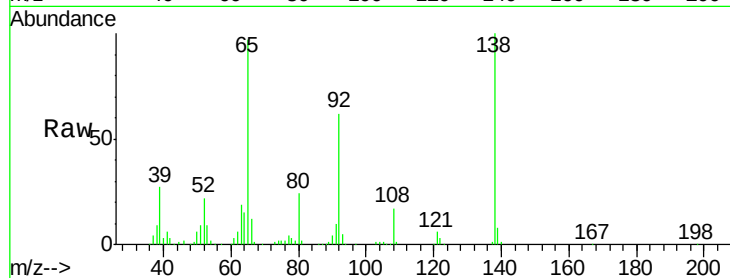
Tot Ion: 65 Resp: 194651

Ion Ratio Lower Upper

65 100

92 64.0 55.8 83.6

138 103.2 91.2 136.8



#48

Acenaphthylene

Concen: 37.872 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

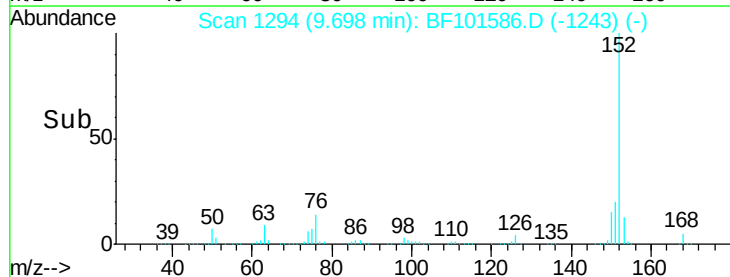
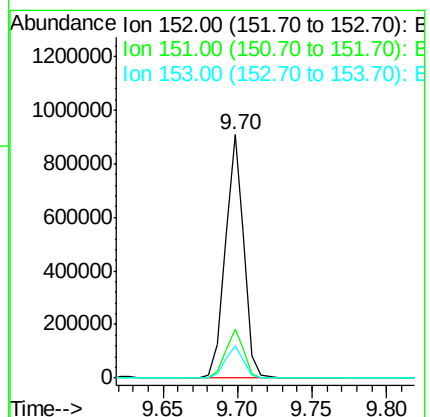
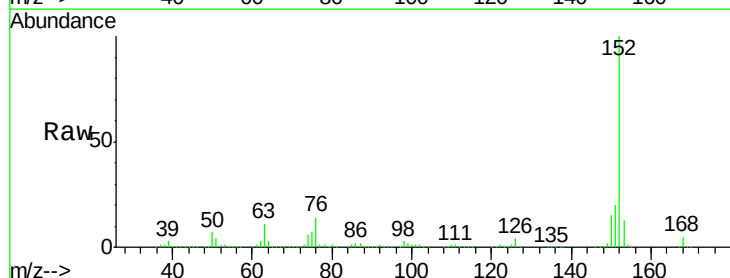
Tgt Ion: 152 Resp: 790363

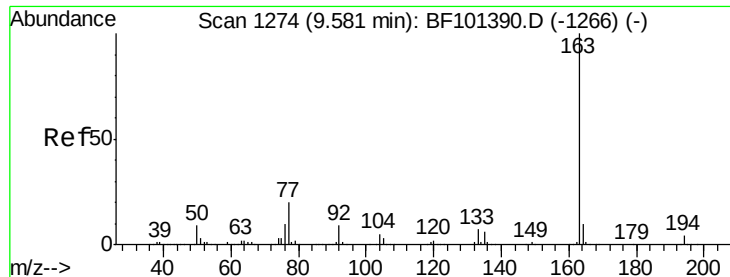
Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.1 10.7 16.1

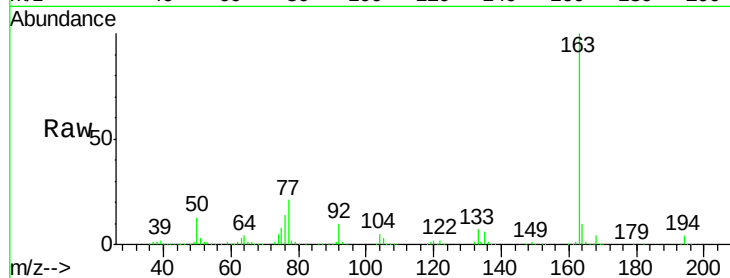




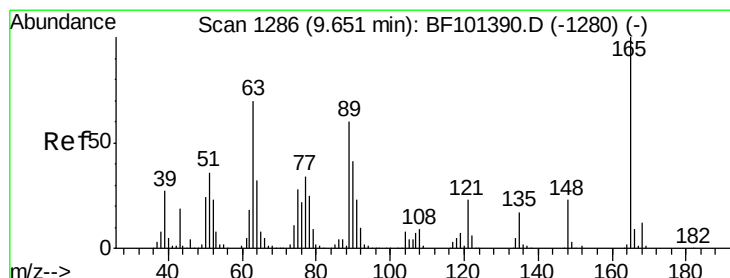
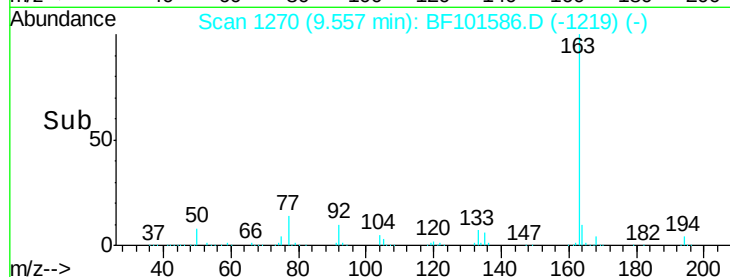
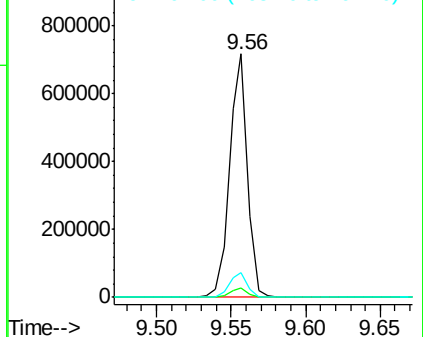
#49
Dimethylphthalate
Concen: 38.747 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.4	8.2	12.2

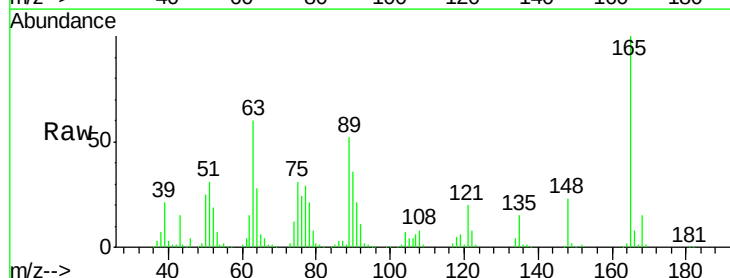


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

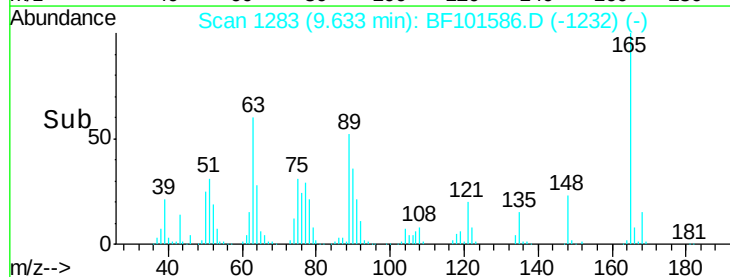
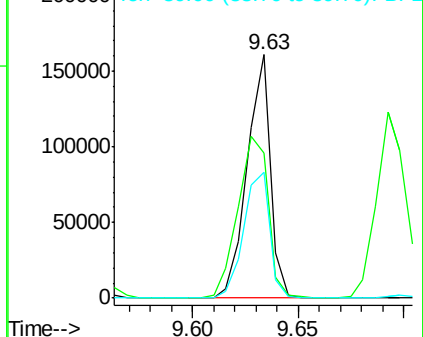


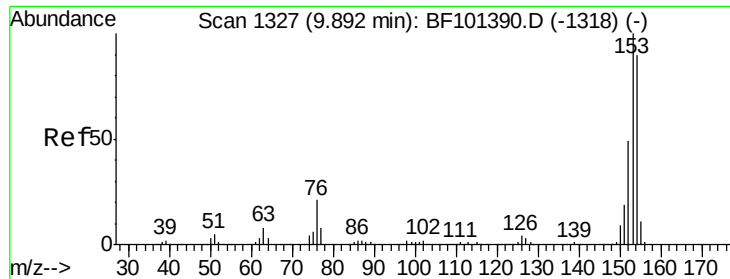
#50
2,6-Dinitrotoluene
Concen: 38.801 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.6	44.7	67.1
89	51.7	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.086 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

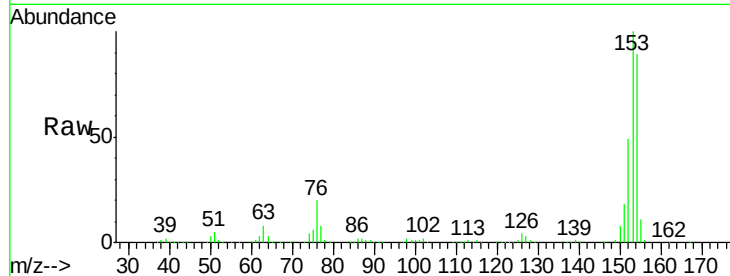
Tot Ion:154 Resp: 477523

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

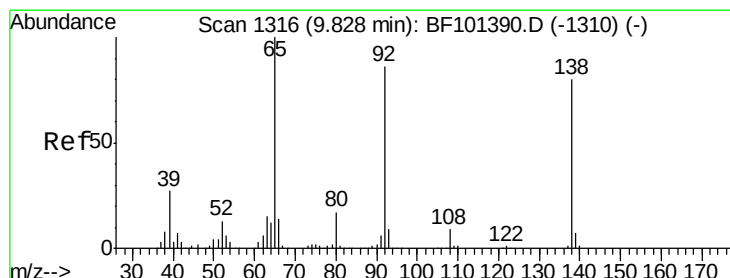
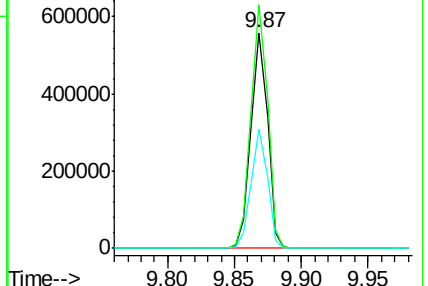
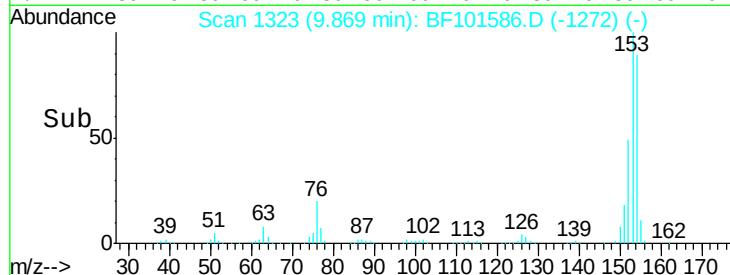
152 55.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.699 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

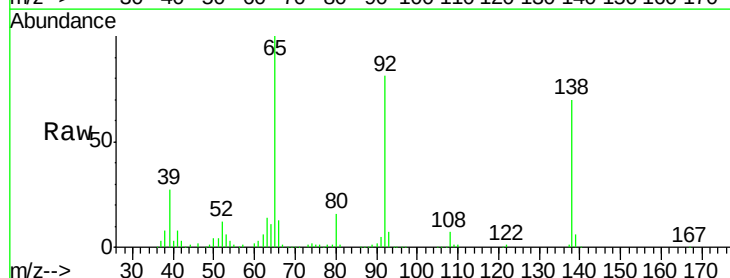
Tgt Ion:138 Resp: 157551

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

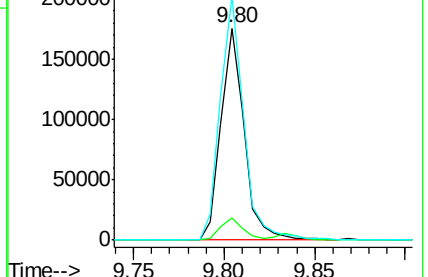
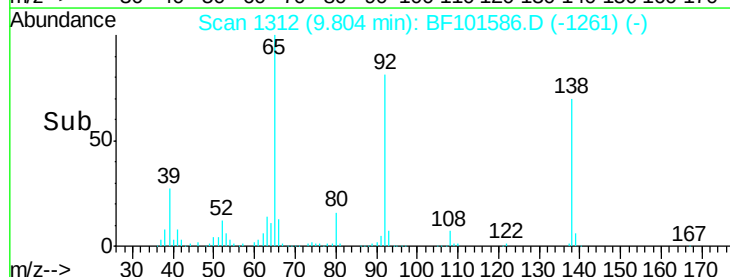
92 115.0 89.4 134.2

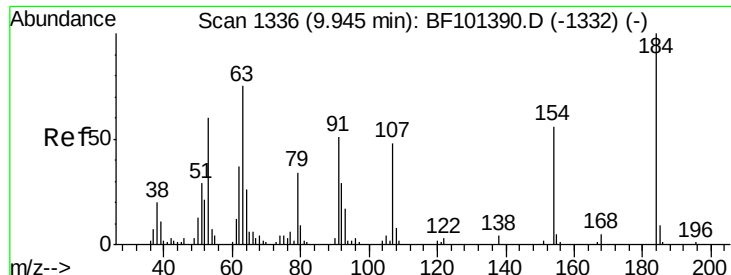


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

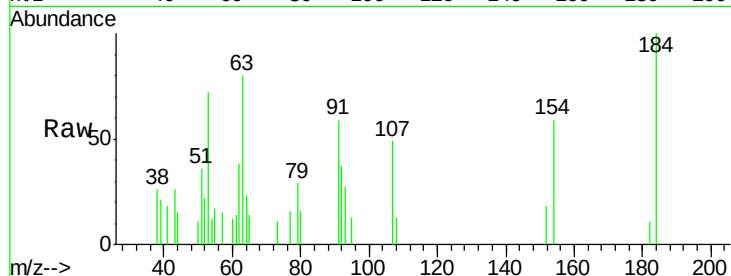




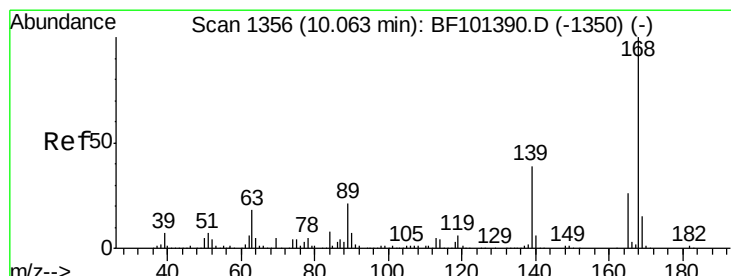
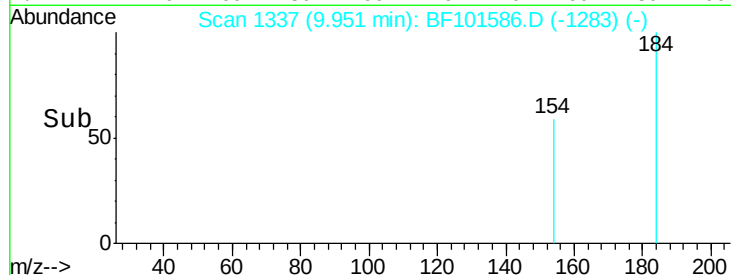
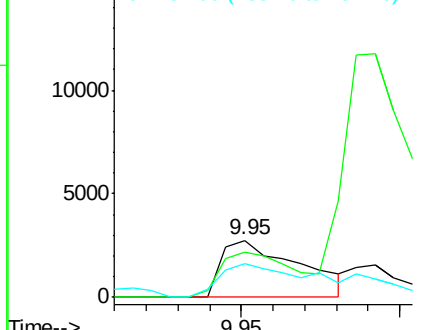
#53
2,4-Dinitrophenol
Concen: 13.955 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 4626
Ion Ratio Lower Upper
184 100
63 79.8 54.2 81.2
154 59.0 184.0 276.0#

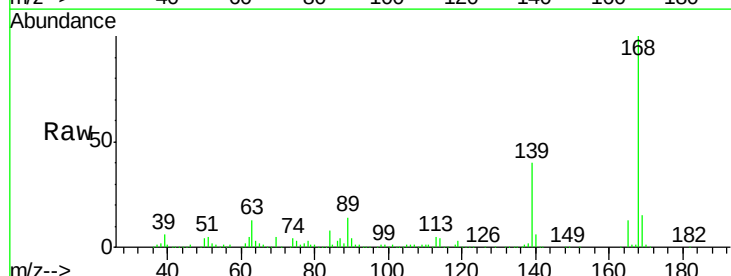


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

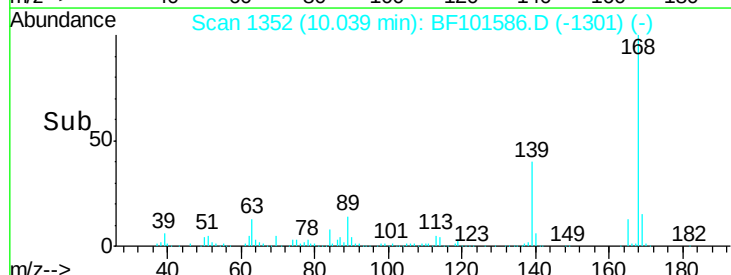
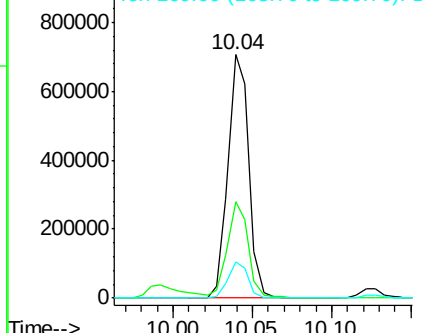


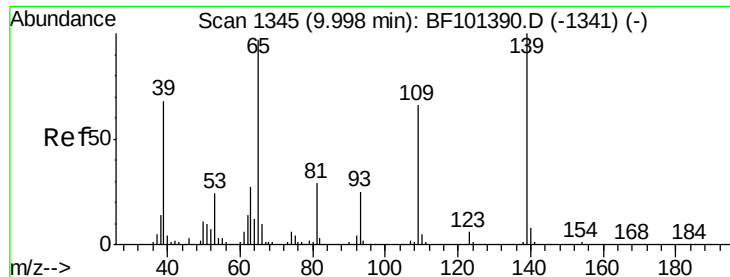
#54
Dibenzofuran
Concen: 40.210 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion:168 Resp: 640696
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 14.7 10.9 16.3



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

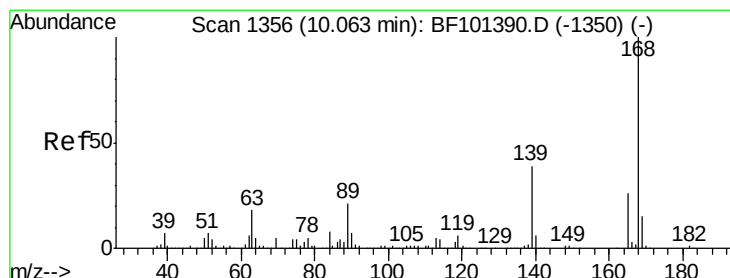
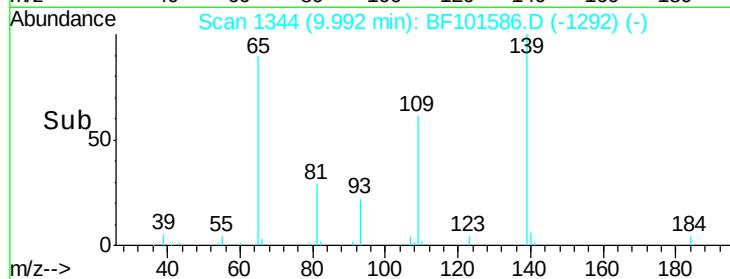
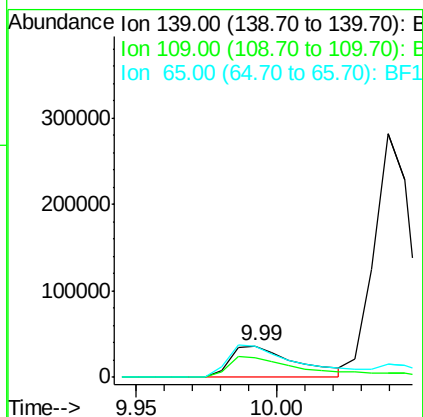
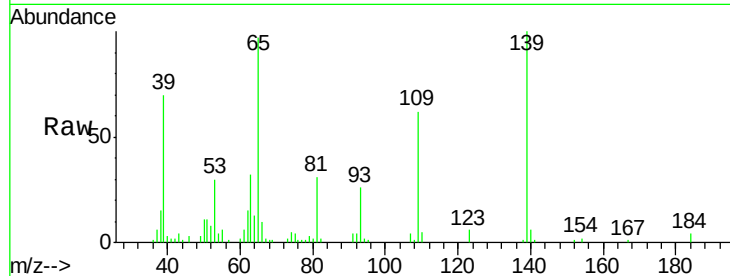




#55
4-Nitrophenol
Concen: 33.299 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

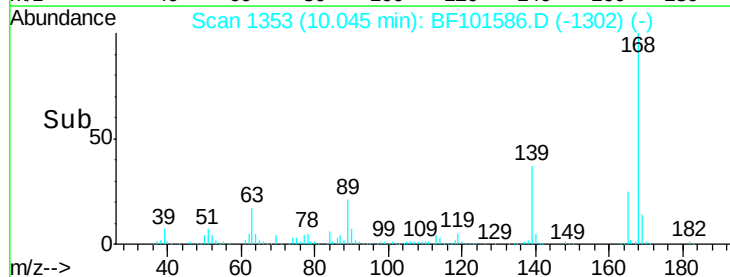
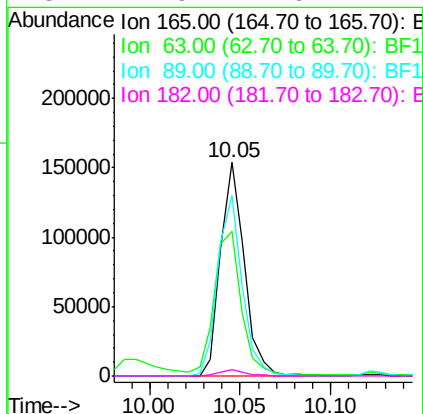
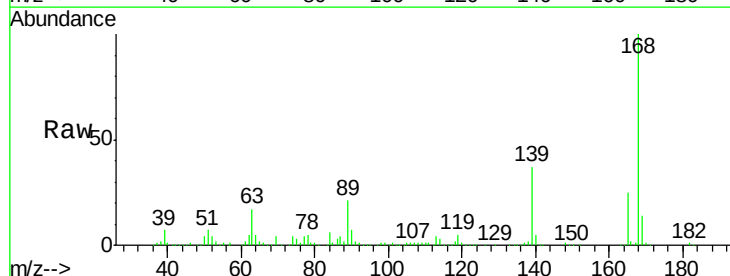
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

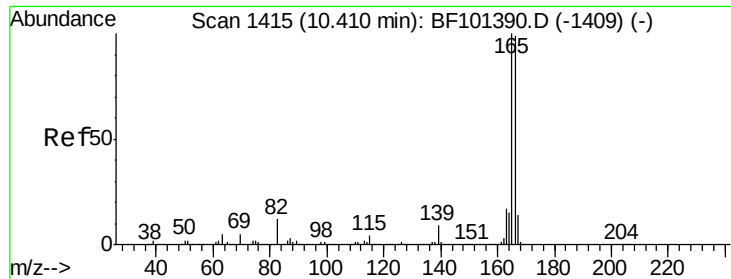
Tot Ion:139 Resp: 57624
Ion Ratio Lower Upper
139 100
109 62.2 48.4 88.4
65 97.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.236 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion:165 Resp: 140715
Ion Ratio Lower Upper
165 100
63 67.8 36.4 54.6#
89 84.8 57.8 86.6
182 2.9 1.6 2.4#

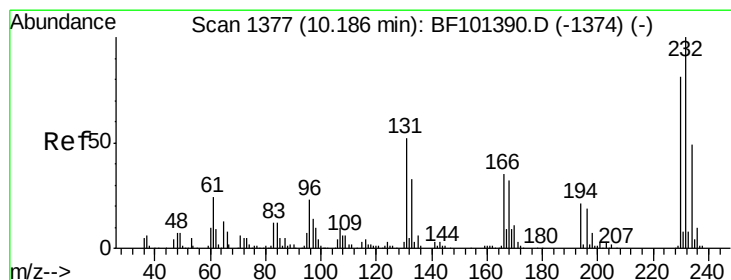
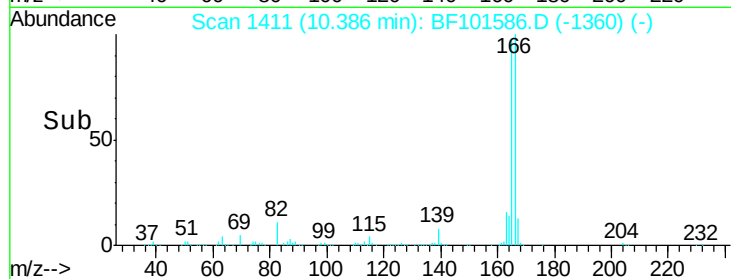
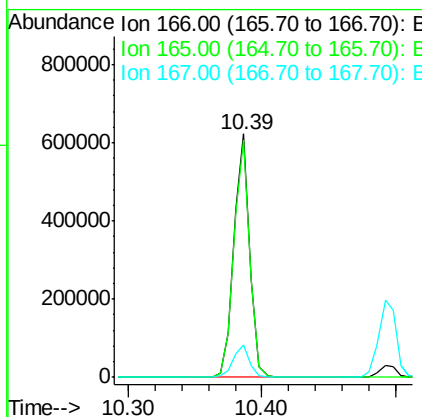
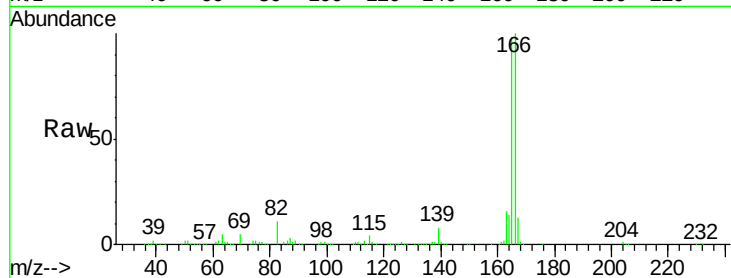




#57
 Fluorene
 Concen: 38.387 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

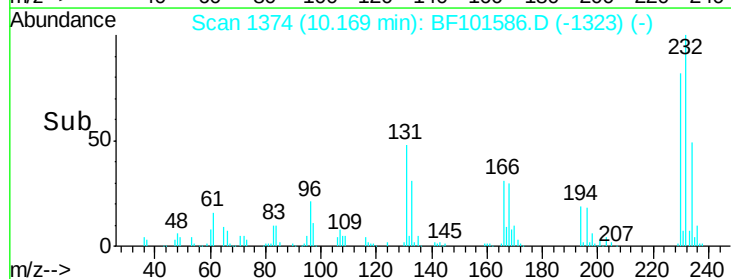
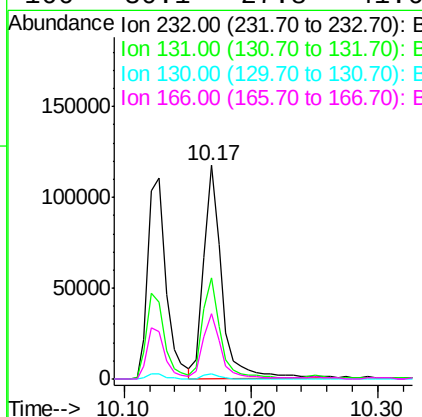
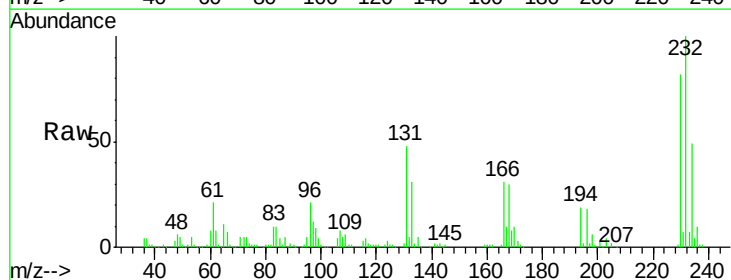
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

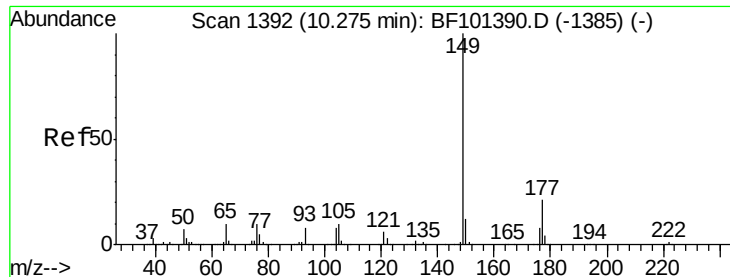
Tot Ion:166 Resp: 517427
 Ion Ratio Lower Upper
 166 100
 165 97.6 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.074 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion:232 Resp: 115425
 Ion Ratio Lower Upper
 232 100
 131 47.6 43.8 65.8
 130 2.4 2.1 3.1
 166 30.1 27.8 41.6





#59

Diethylphthalate

Concen: 38.246 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

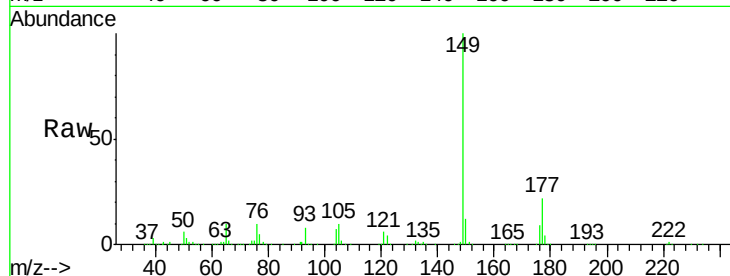
Tot Ion:149 Resp: 593185

Ion Ratio Lower Upper

149 100

177 21.9 16.1 24.1

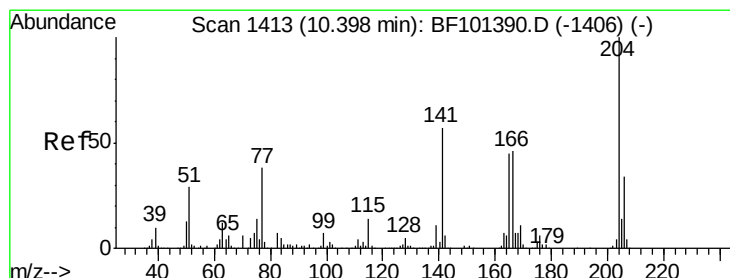
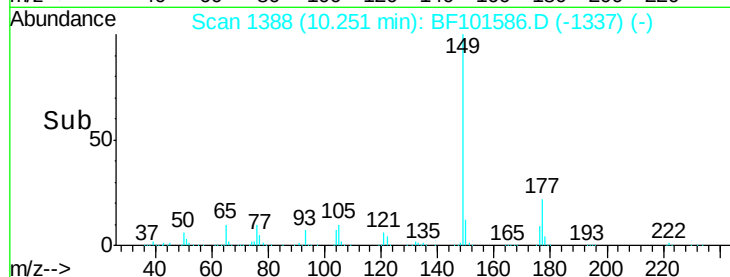
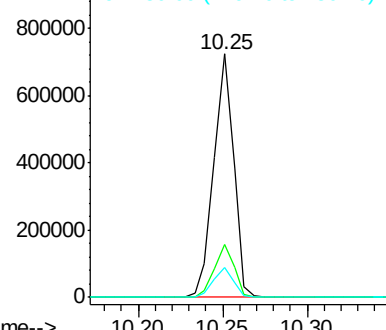
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.439 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

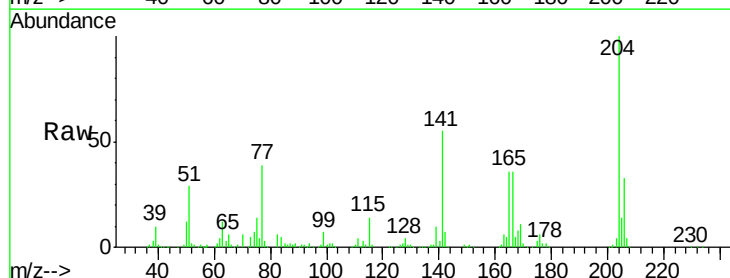
Tgt Ion:204 Resp: 261238

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

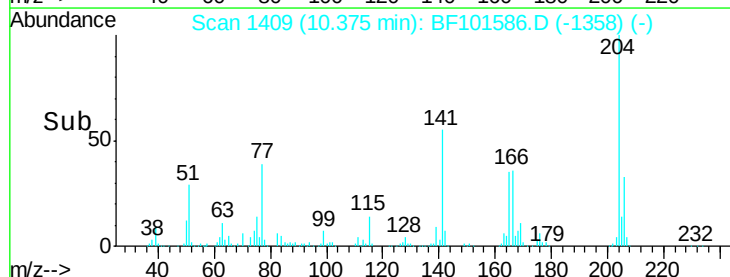
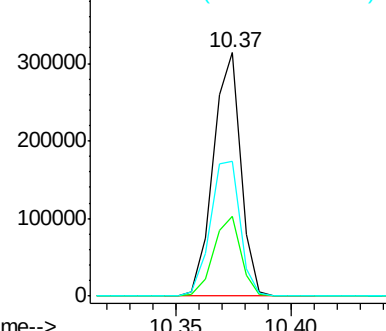
141 55.4 54.6 81.8

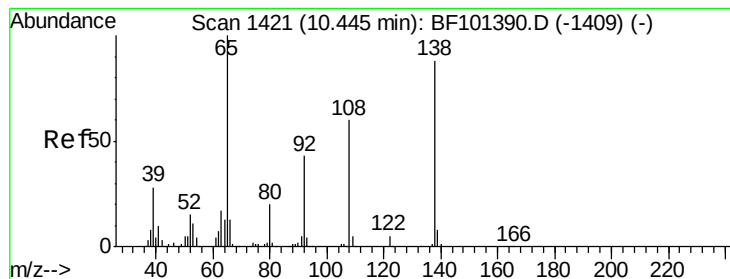


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.086 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

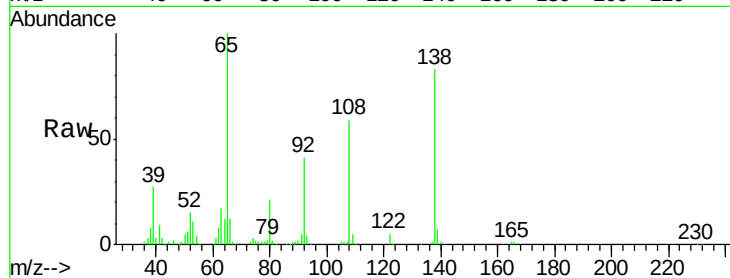
Tot Ion:138 Resp: 135970

Ion Ratio Lower Upper

138 100

92 49.7 30.2 70.2

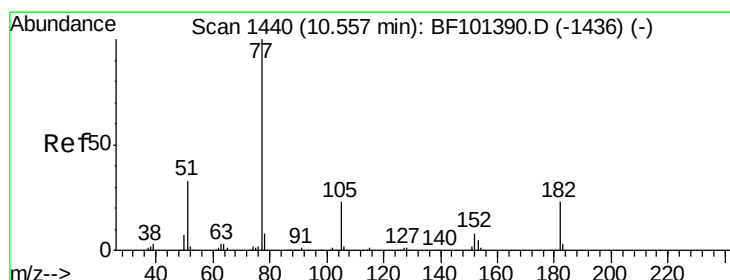
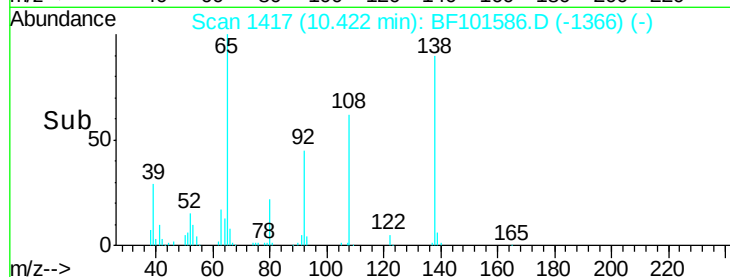
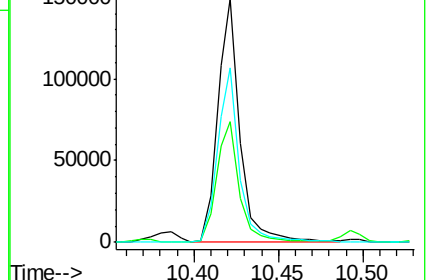
108 71.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.878 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Tgt Ion: 77 Resp: 592501

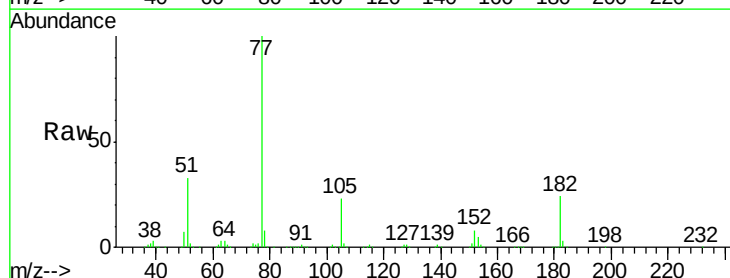
Ion Ratio Lower Upper

77 100

182 23.6 1.7 41.7

105 23.0 3.0 43.0

51 32.7 9.9 49.9

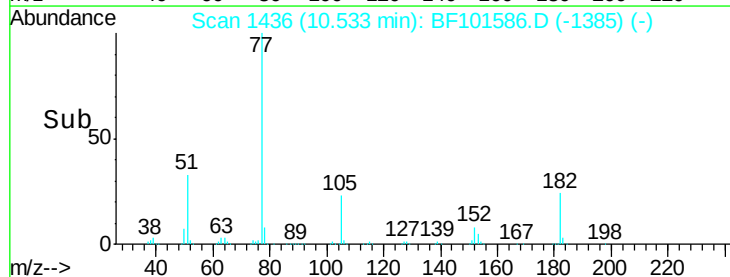
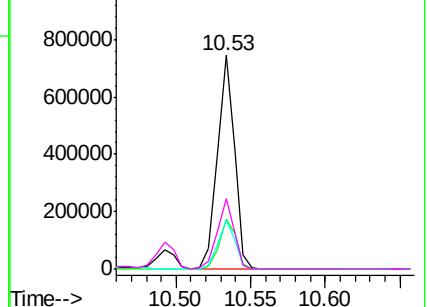


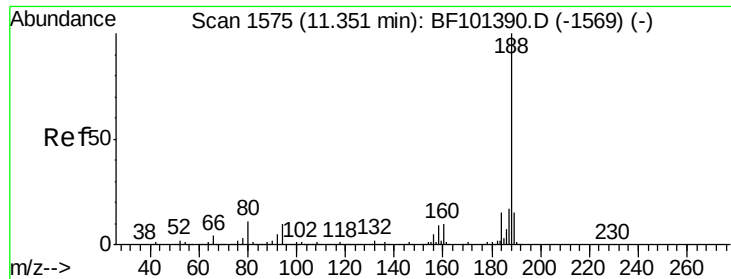
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

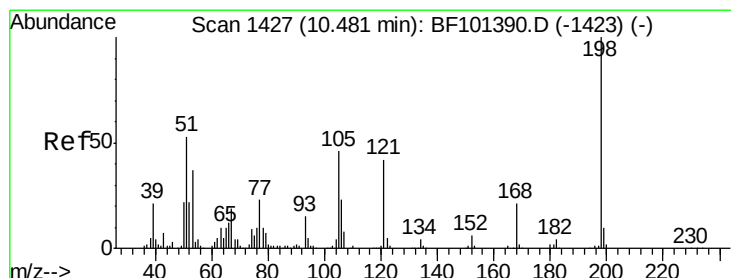
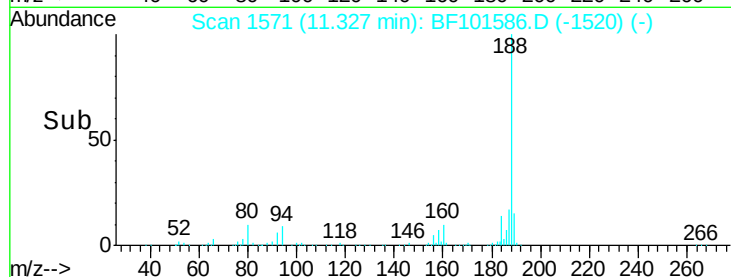
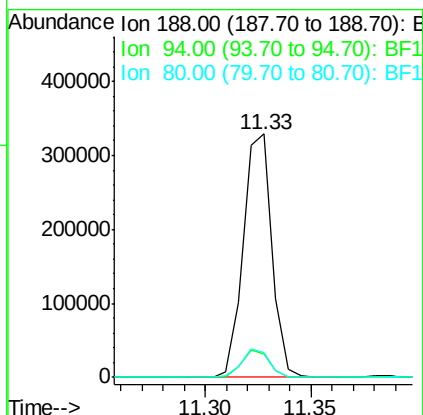
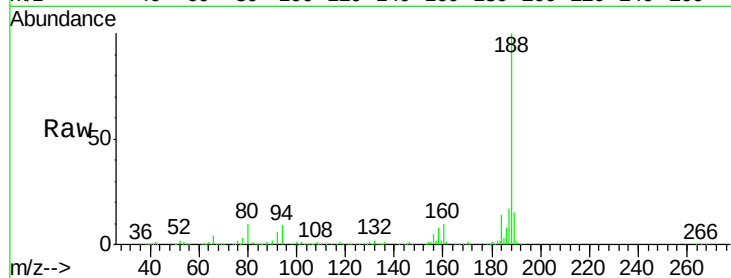




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

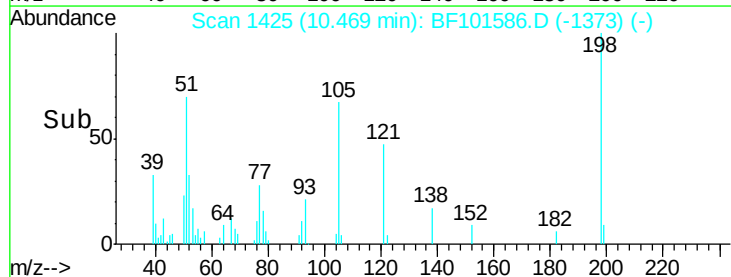
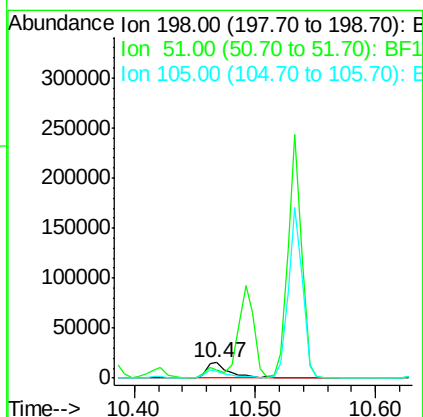
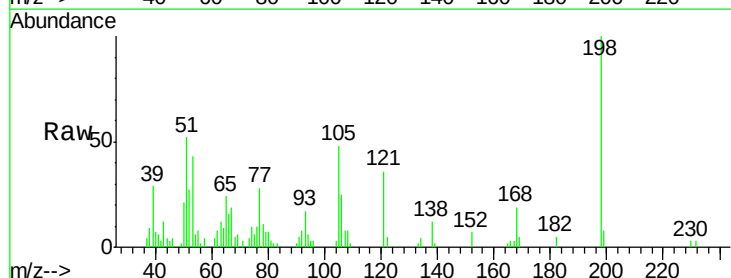
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

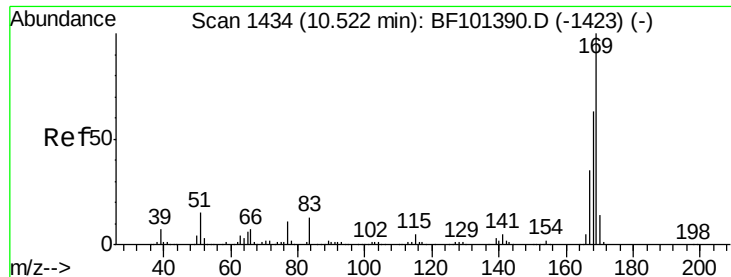
Tot Ion:188 Resp: 308569
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 13.484 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion:198 Resp: 21233
Ion Ratio Lower Upper
198 100
51 52.1 37.7 77.7
105 47.5 36.3 76.3

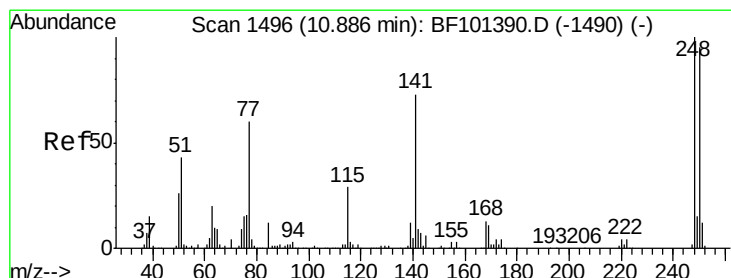
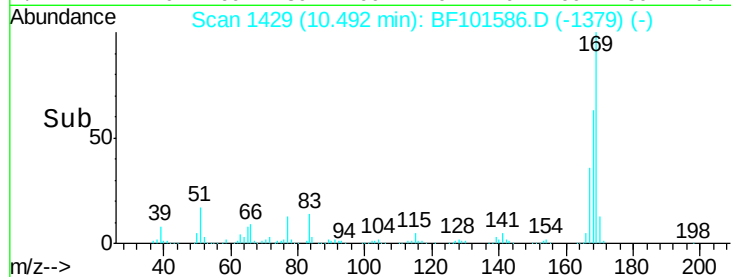
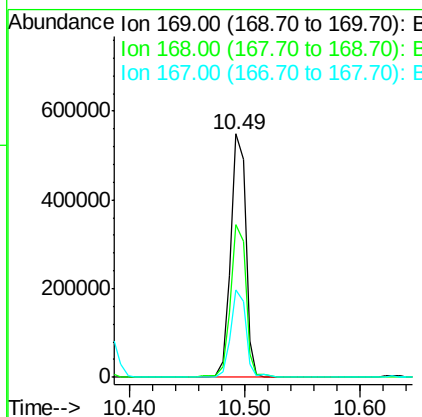
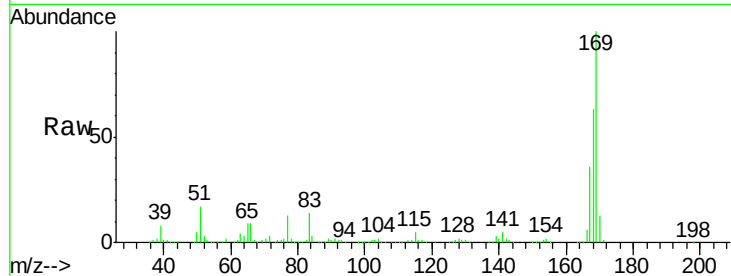




#65
 n-Nitrosodiphenylamine
 Concen: 43.469 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

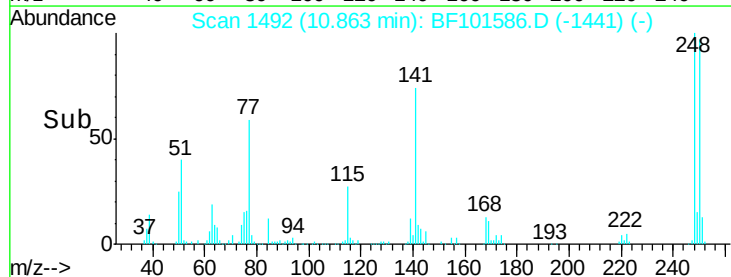
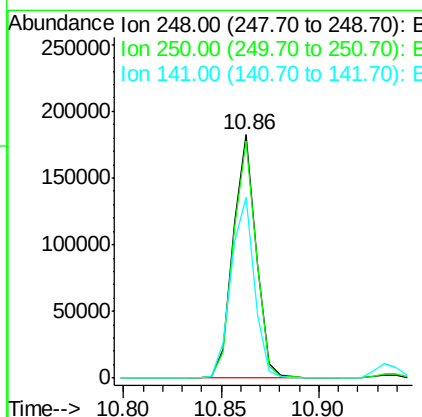
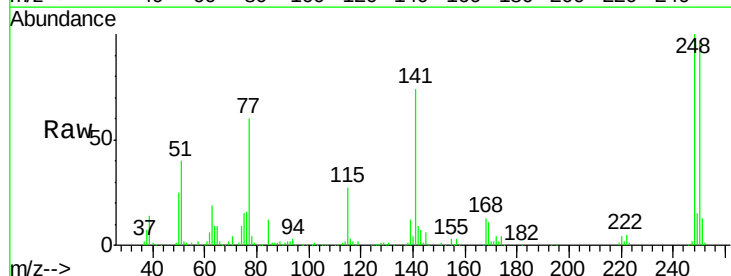
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

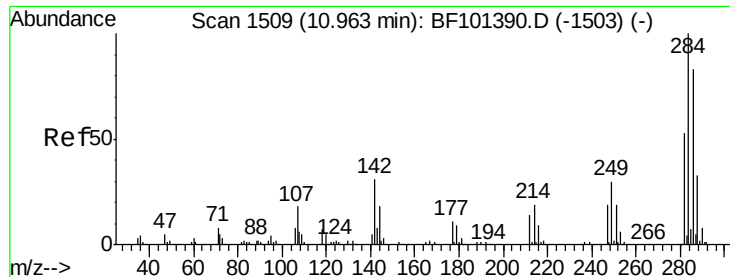
Tot Ion:169 Resp: 495270
 Ion Ratio Lower Upper
 169 100
 168 62.7 54.4 81.6
 167 35.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.765 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion:248 Resp: 148272
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 74.1 74.4 111.6#





#67

Hexachlorobenzene

Concen: 39.890 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

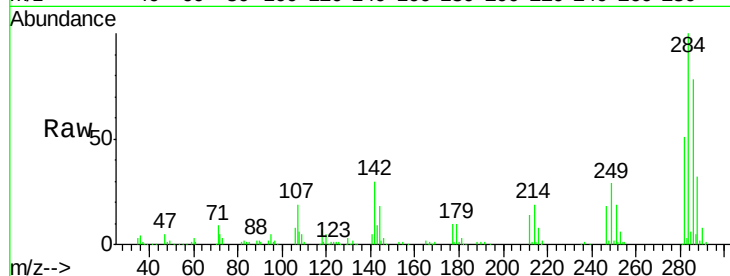
Tot Ion:284 Resp: 146377

Ion Ratio Lower Upper

284 100

142 30.2 34.6 52.0#

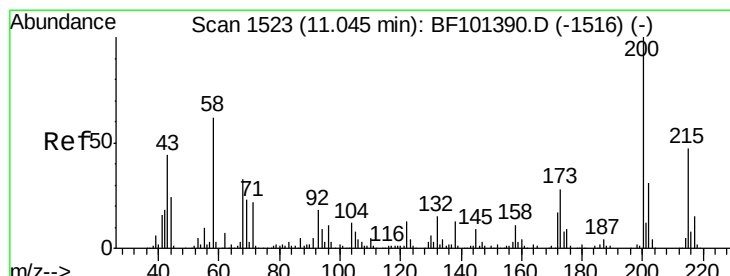
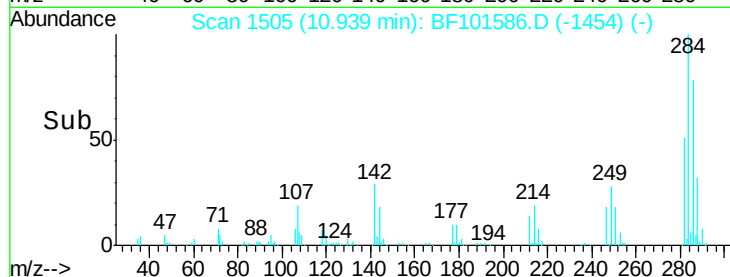
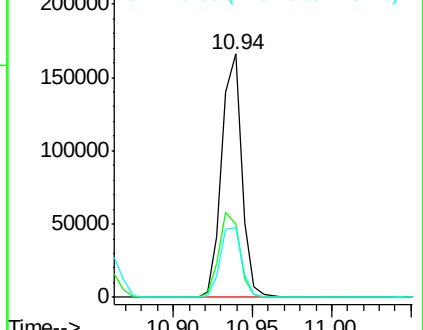
249 28.8 24.8 37.2



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: 38.503 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

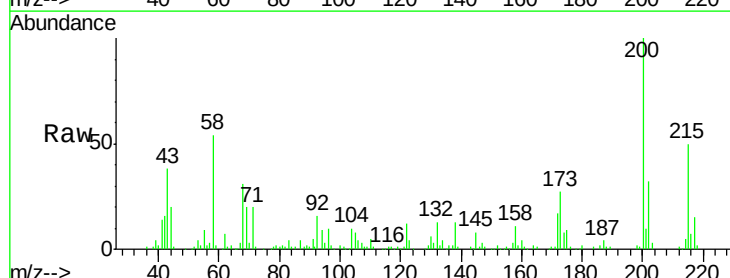
Tgt Ion:200 Resp: 130808

Ion Ratio Lower Upper

200 100

173 27.1 8.6 48.6

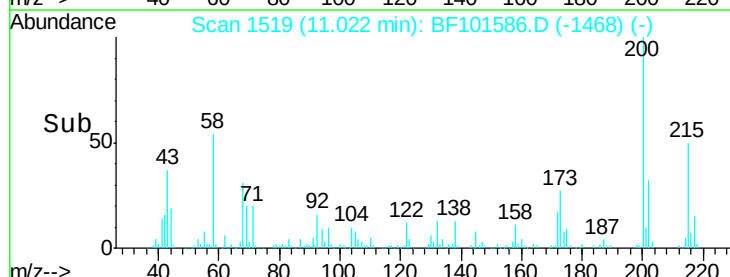
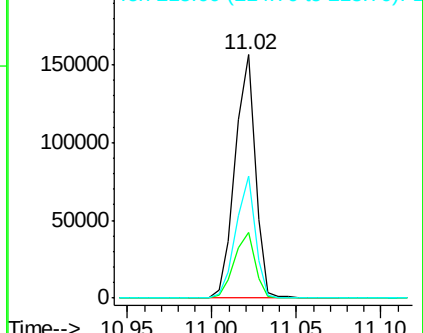
215 50.3 25.1 65.1

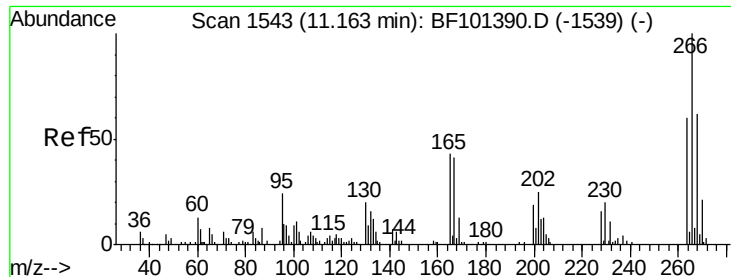


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

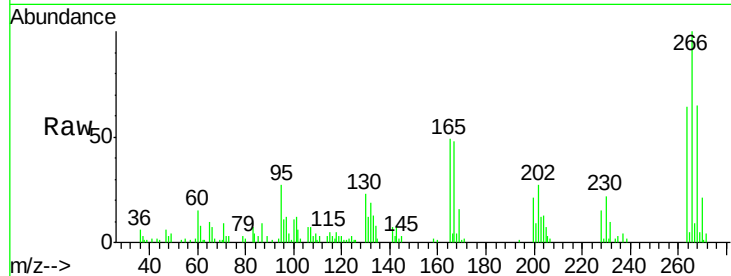




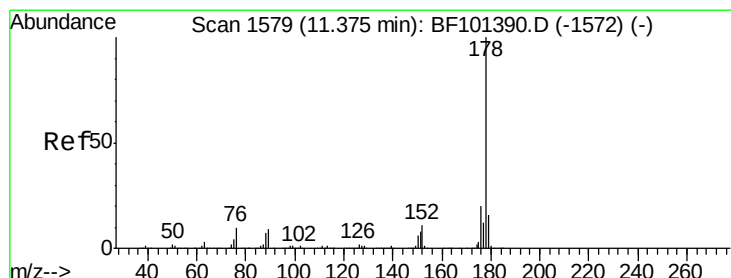
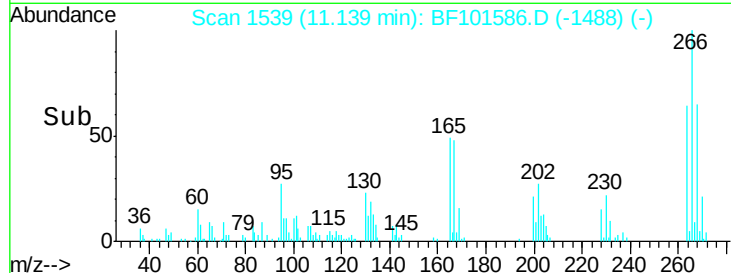
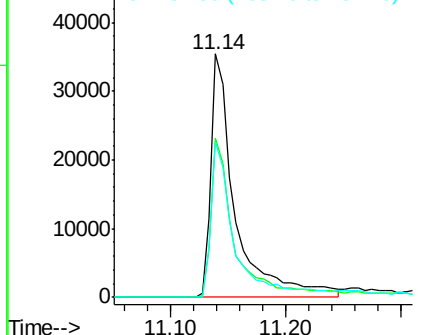
#69
 Pentachlorophenol
 Concen: 39.970 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 51937
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.1 76.7
 264 64.0 49.5 74.3

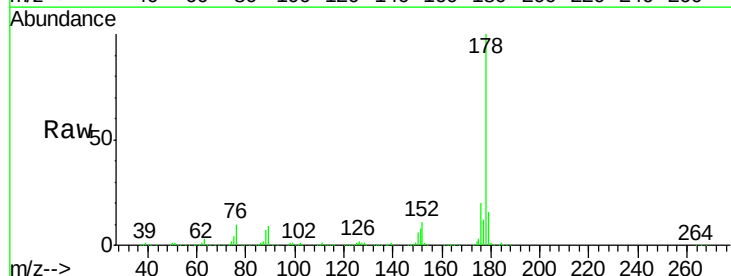


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

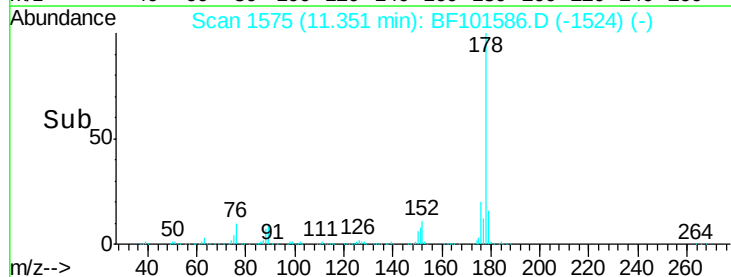
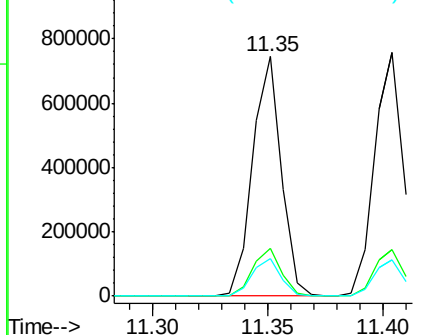


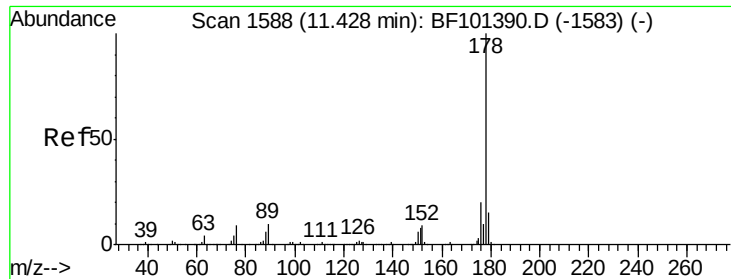
#70
 Phenanthrene
 Concen: 37.760 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion:178 Resp: 647955
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 13.0 19.6



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

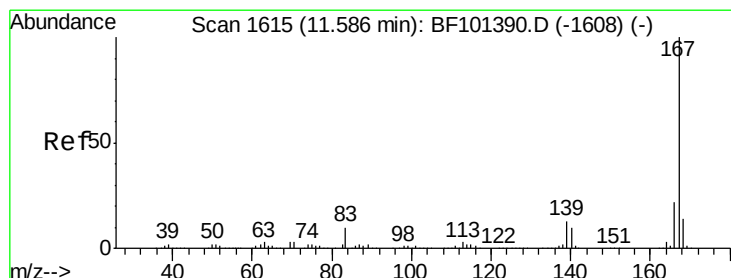
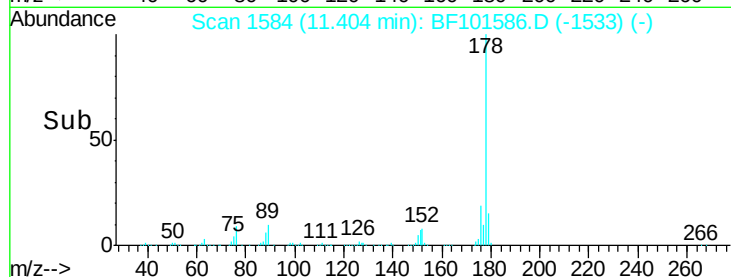
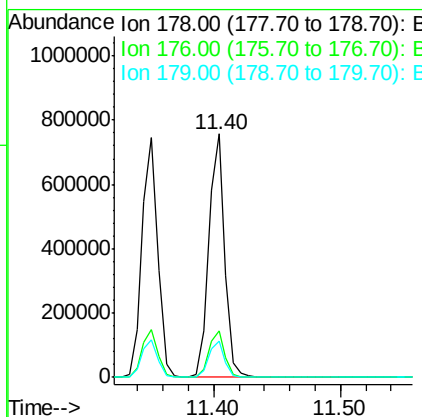
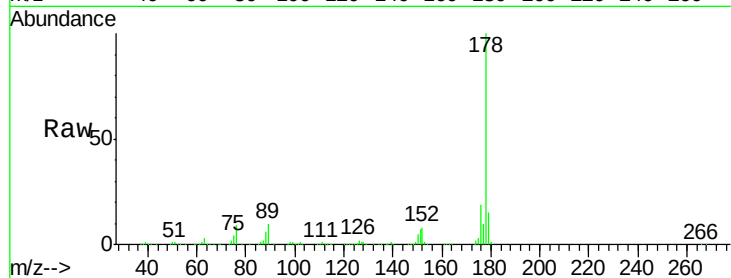




#71
 Anthracene
 Concen: 37.983 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

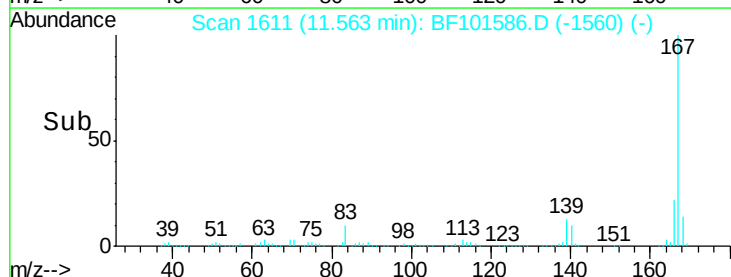
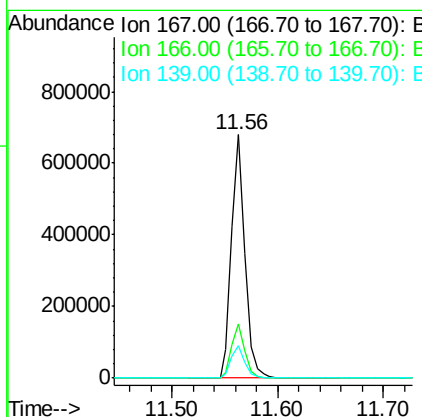
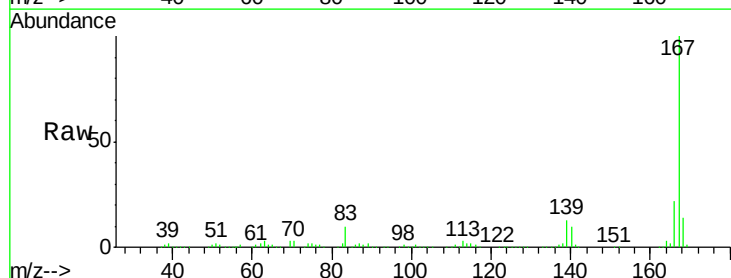
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

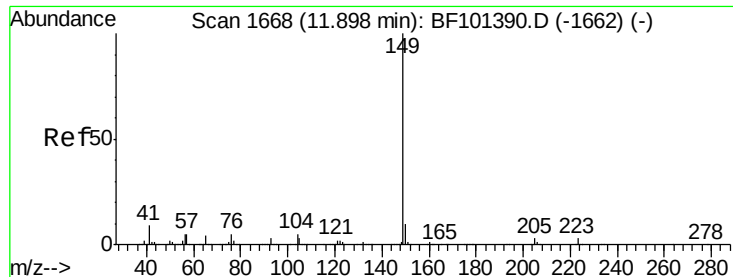
Tot Ion:178 Resp: 665779
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 36.010 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion:167 Resp: 590958
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.739 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

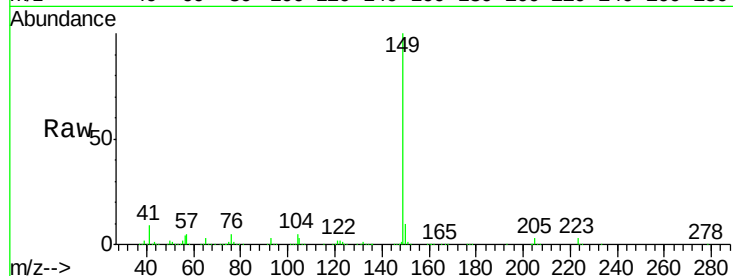
Tot Ion:149 Resp: 831397

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

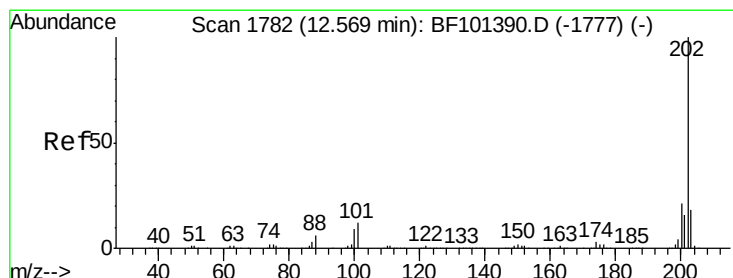
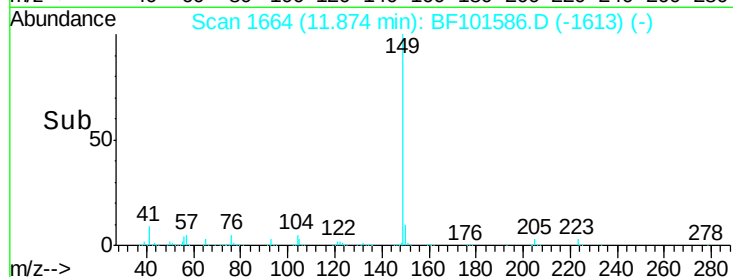
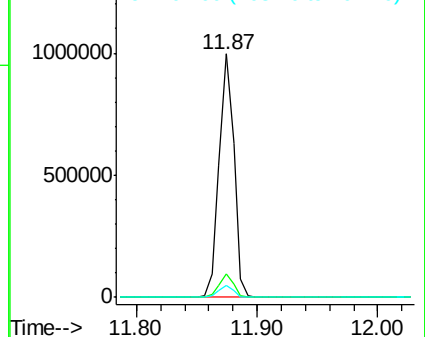
104 5.0 3.8 5.8



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: 33.928 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

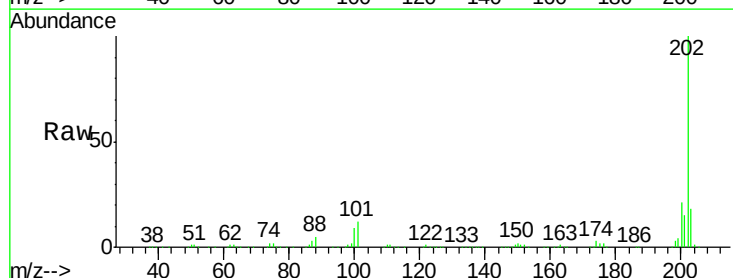
Tgt Ion:202 Resp: 611110

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

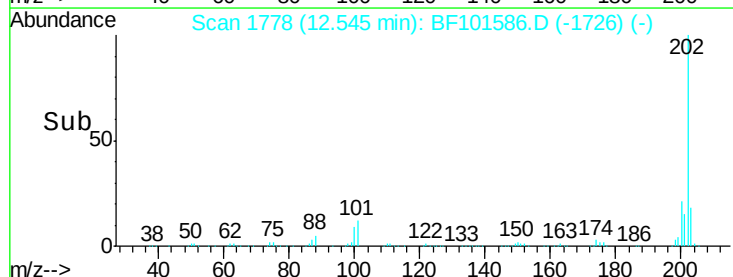
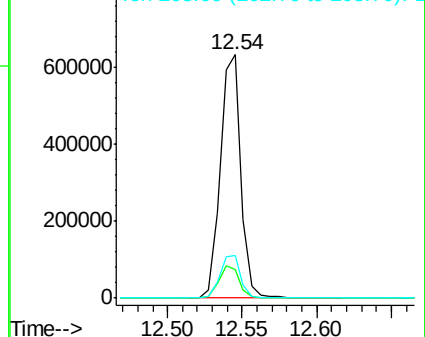
203 17.8 0.0 38.1

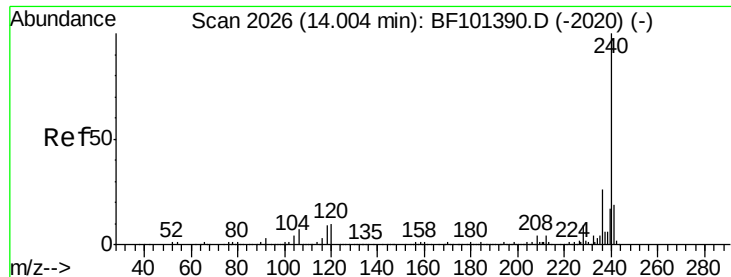


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

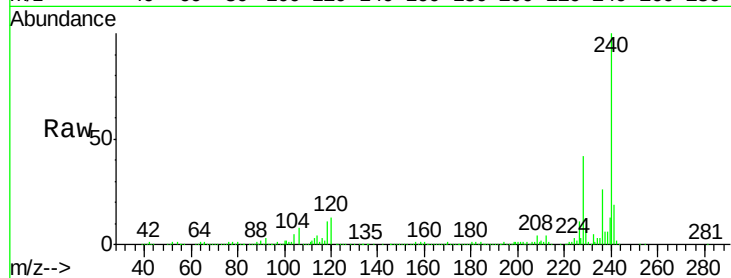
Tot Ion:240 Resp: 244420

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

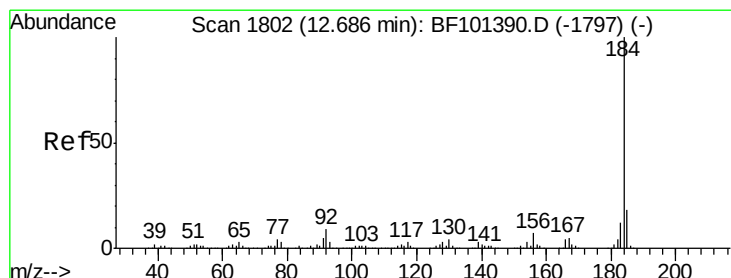
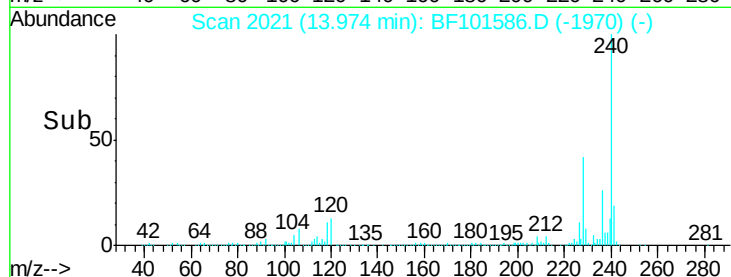
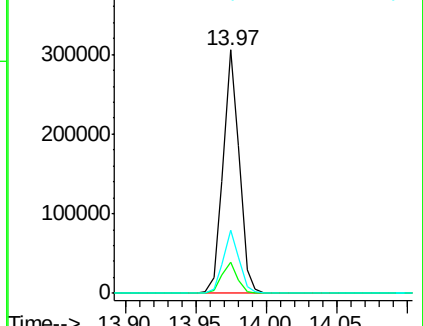
236 26.0 20.7 31.1



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: 30.373 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

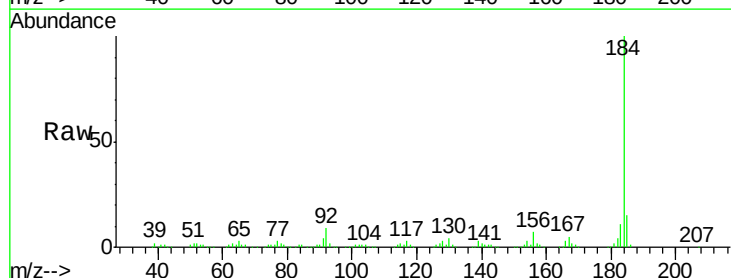
Tgt Ion:184 Resp: 313548

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

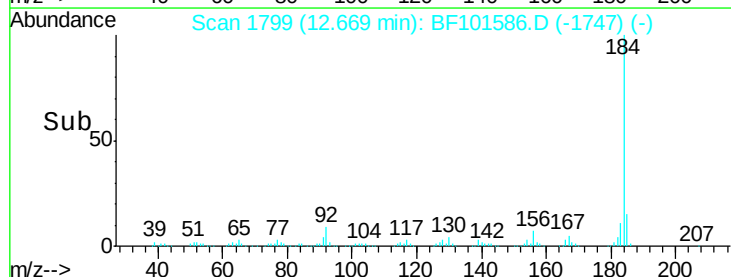
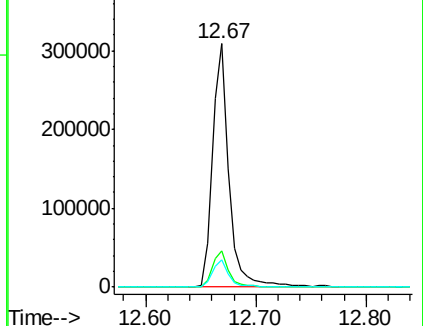
183 11.5 9.3 13.9

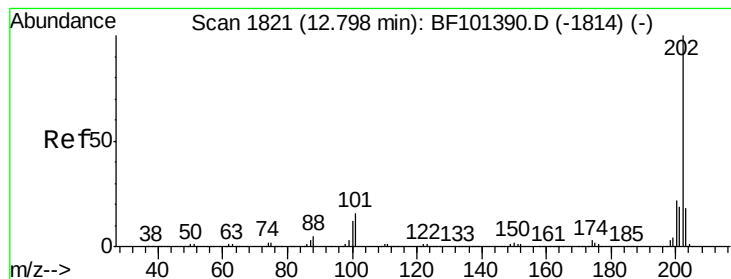


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.054 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

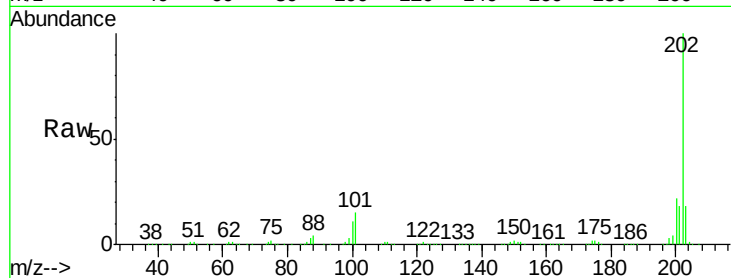
Tot Ion:202 Resp: 624670

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

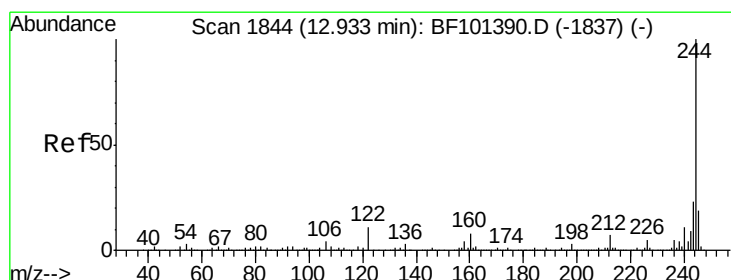
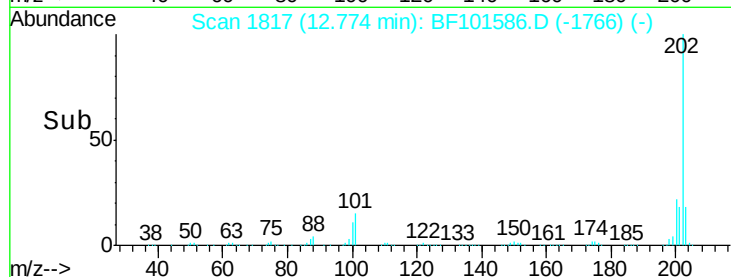
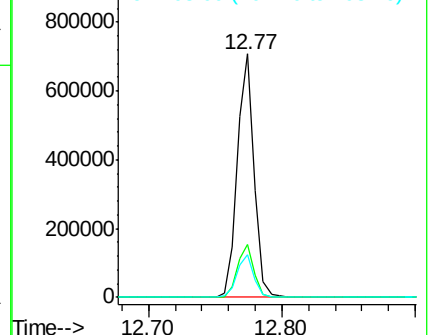
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.515 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

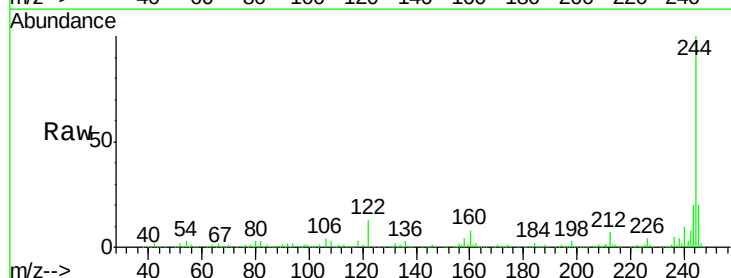
Tgt Ion:244 Resp: 725065

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

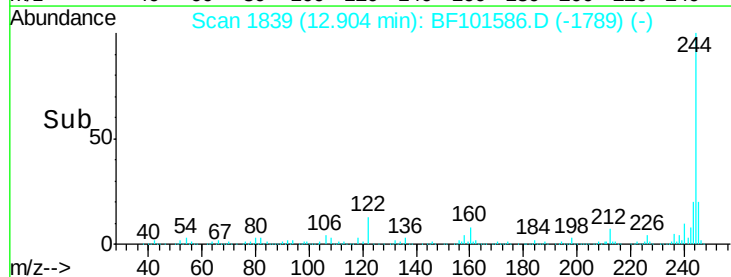
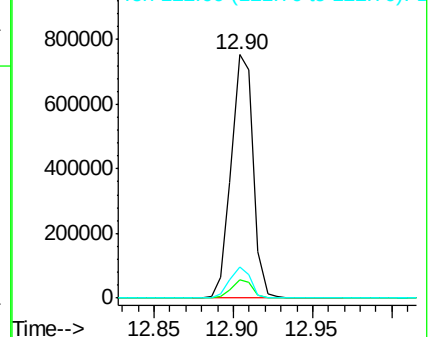
122 13.0 11.0 16.4

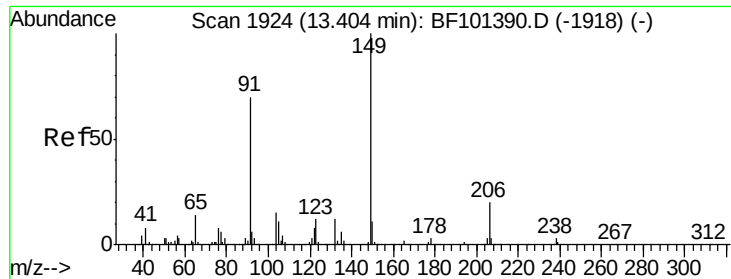


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

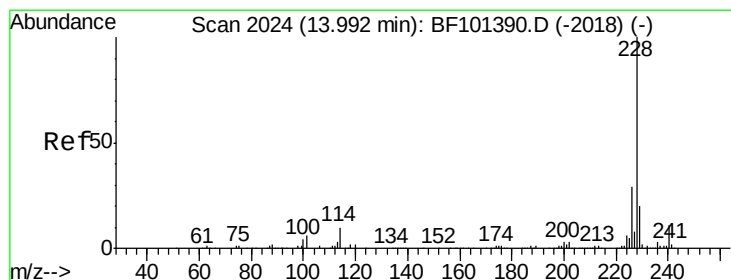
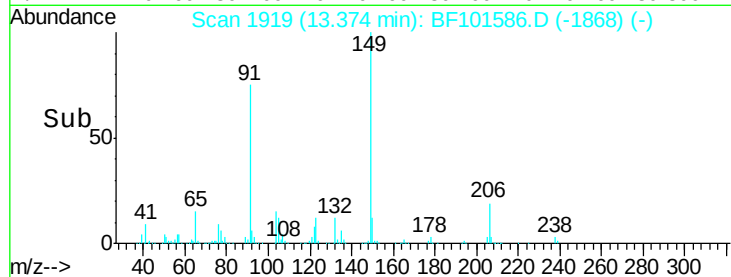
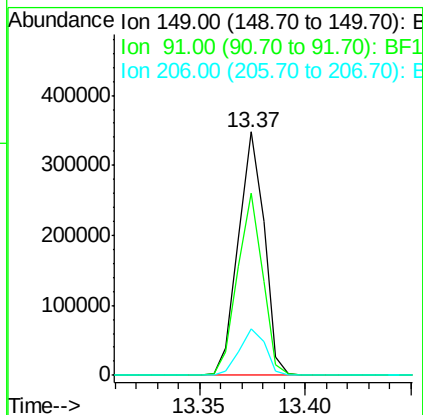
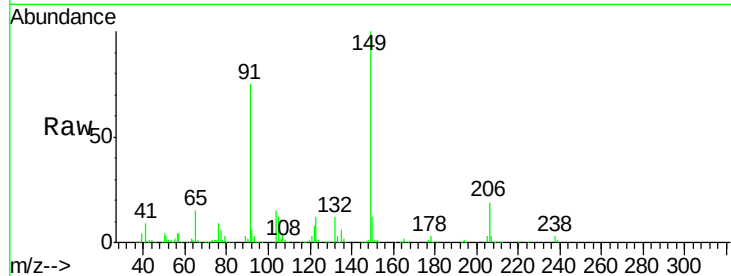




#79
Butylbenzylphthalate
Concen: 35.513 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

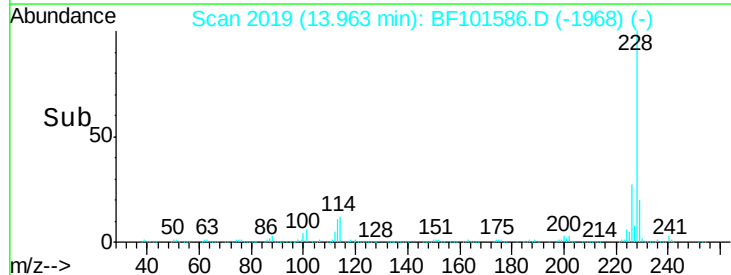
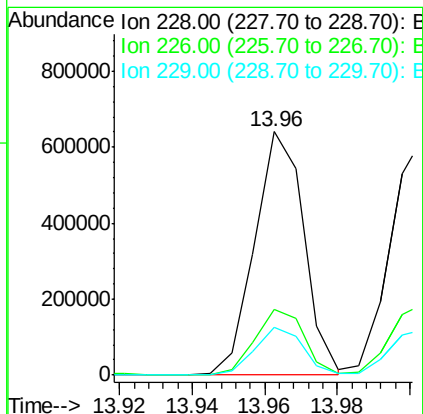
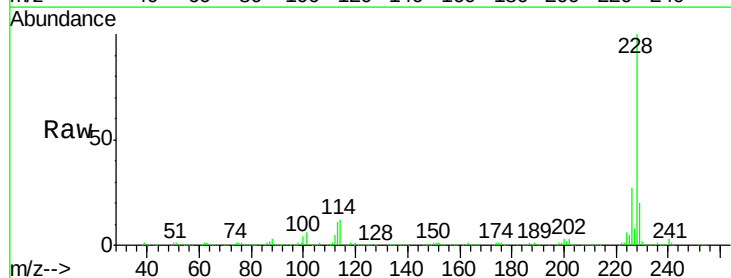
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

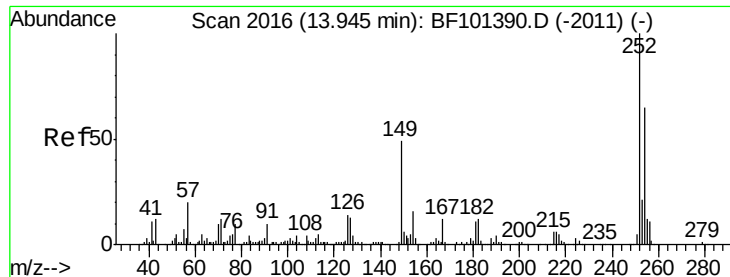
Tot Ion:149 Resp: 294763
Ion Ratio Lower Upper
149 100
91 74.7 56.8 85.2
206 19.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.363 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion:228 Resp: 603023
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.7 15.8 23.6

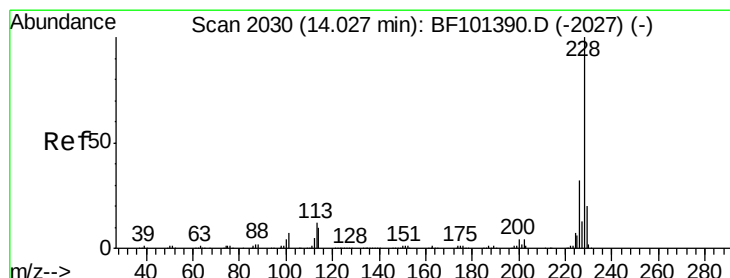
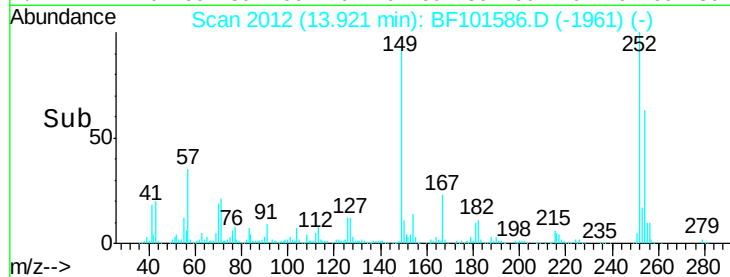
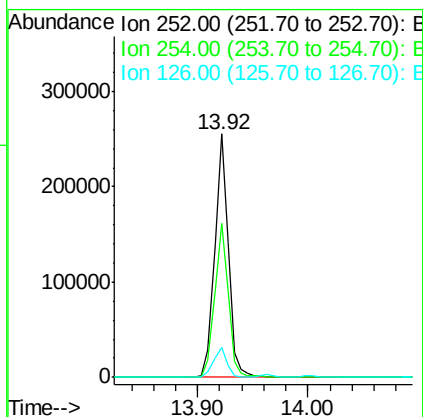
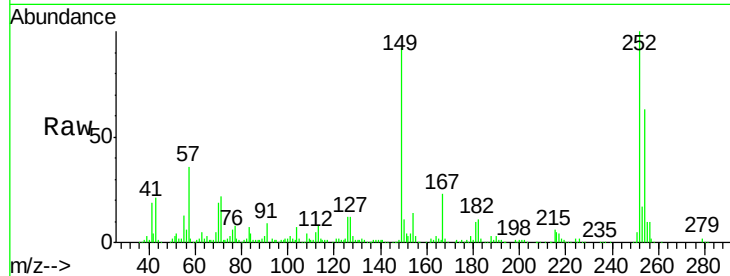




#81
 3,3'-Dichlorobenzidine
 Concen: 41.229 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

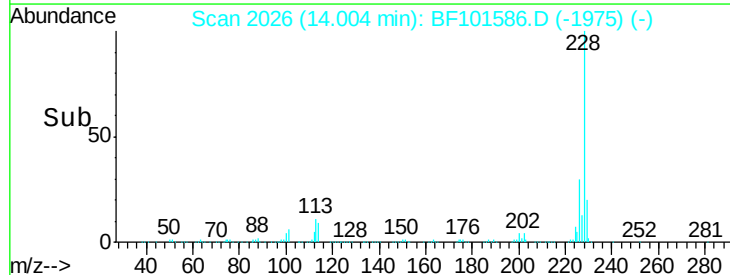
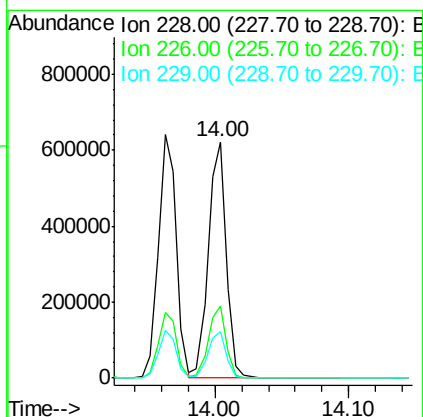
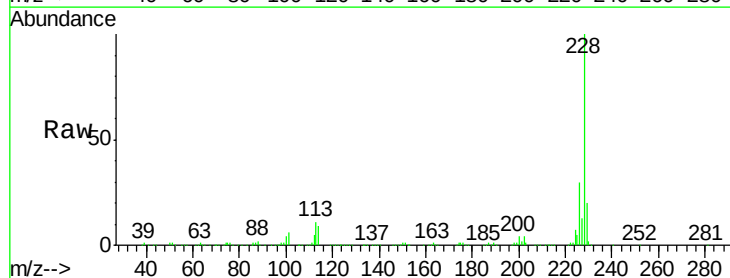
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

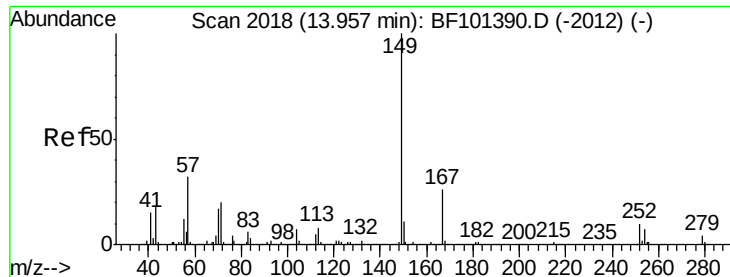
Tot Ion:252 Resp: 216967
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 12.5 11.3 16.9



#82
 Chrysene
 Concen: 38.257 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF101586.D
 Acq: 21 Dec 2017 3:53

Tgt Ion:228 Resp: 582983
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.503 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

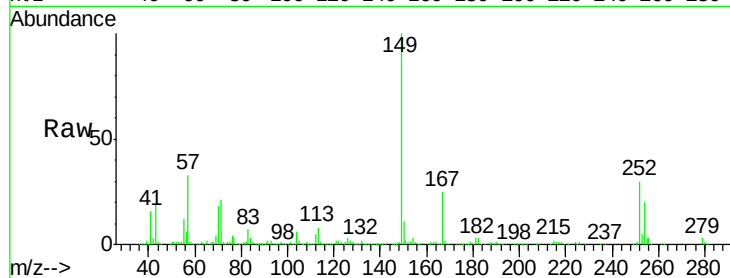
Tot Ion:149 Resp: 394265

Ion Ratio Lower Upper

149 100

167 25.1 21.3 31.9

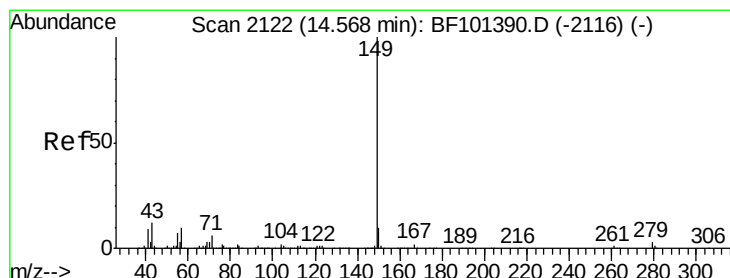
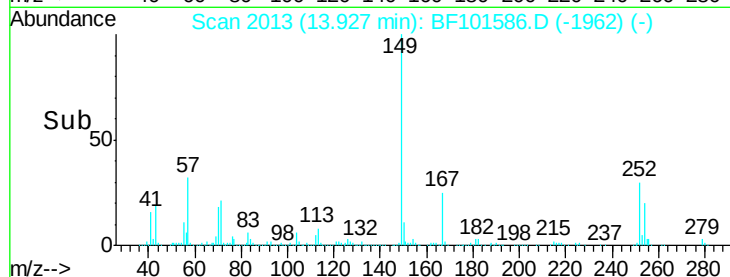
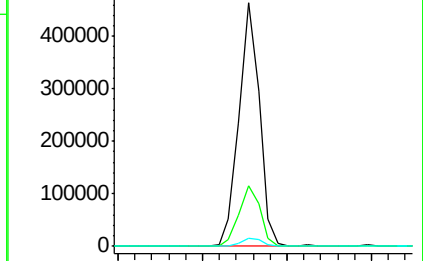
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.211 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

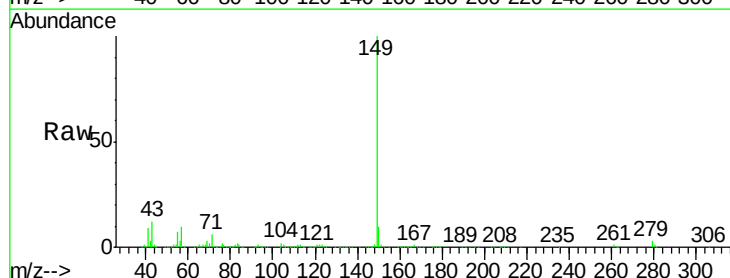
Tgt Ion:149 Resp: 716424

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

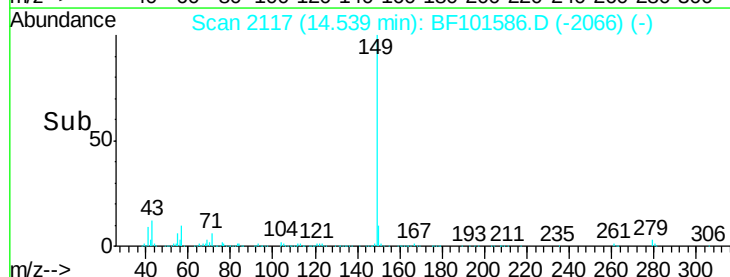
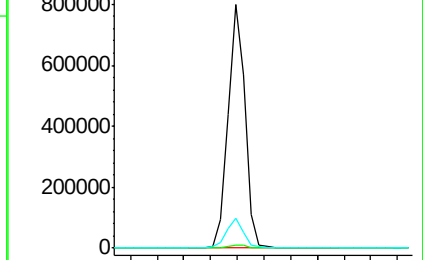
43 11.5 8.4 12.6

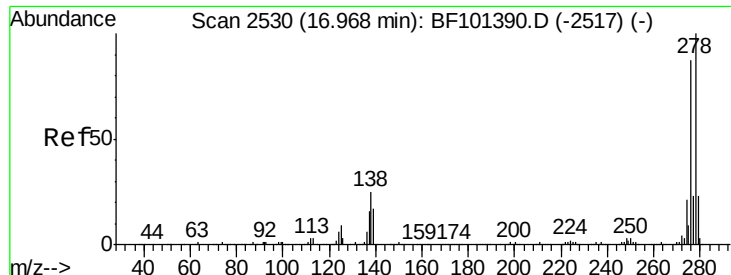


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

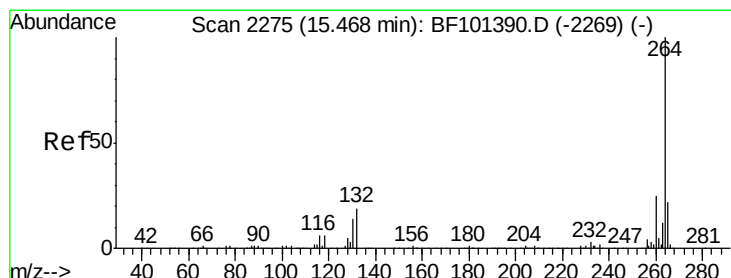
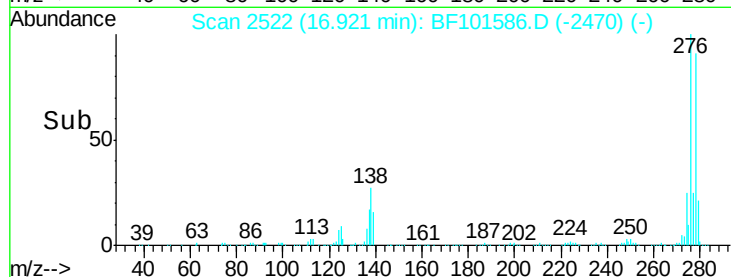
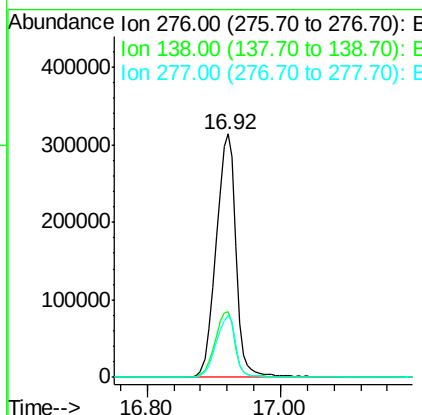
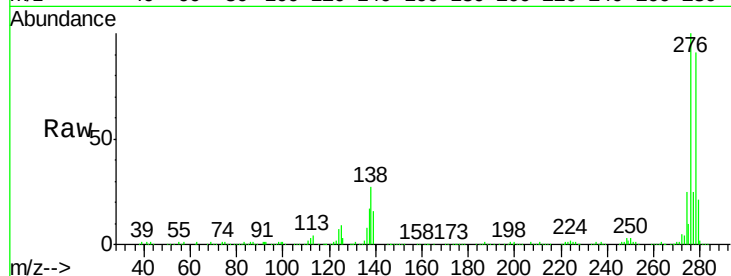




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.648 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

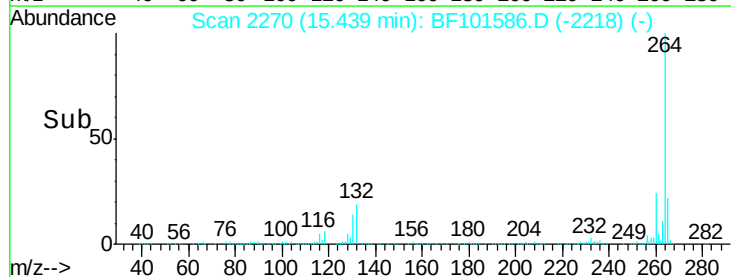
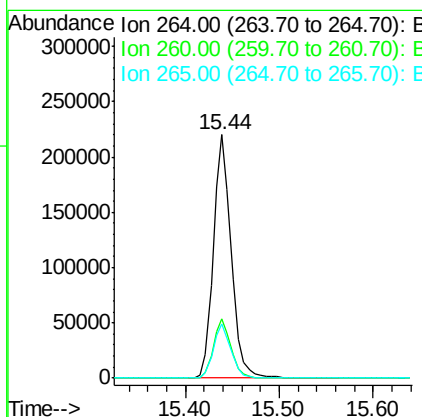
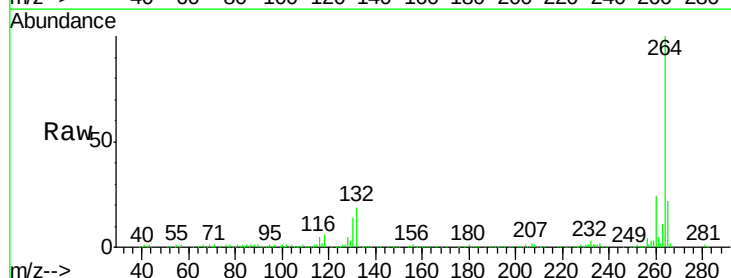
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

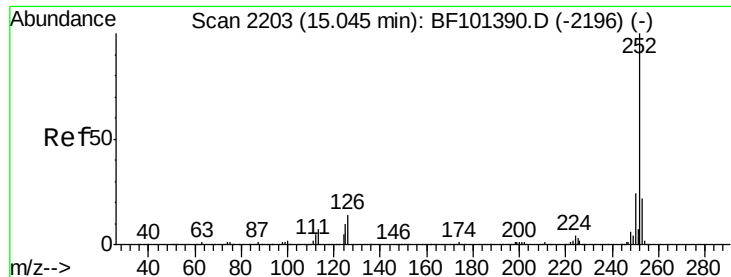
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	24.9	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3

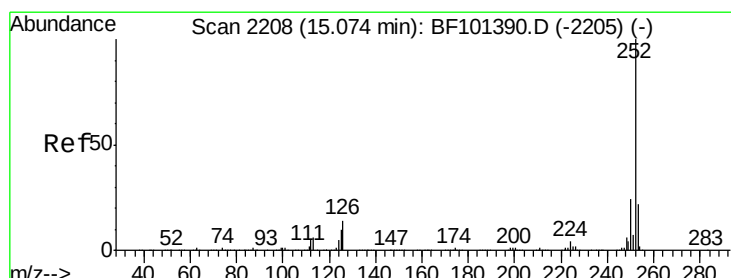
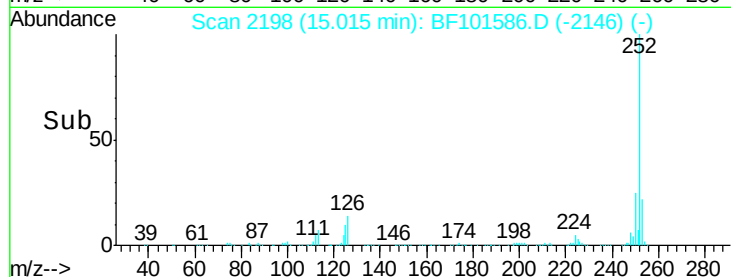
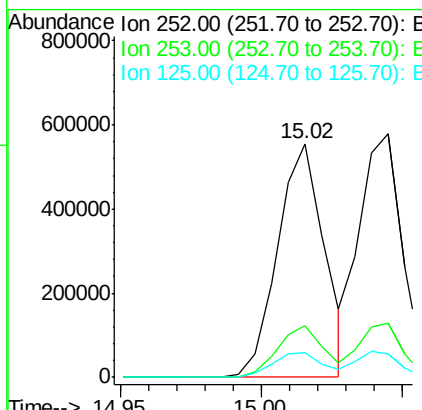
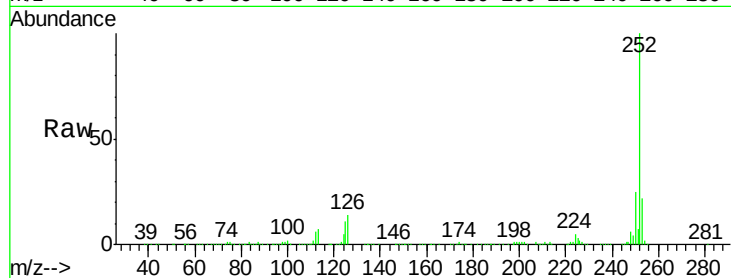




#87
Benzo(b)fluoranthene
Concen: 35.506 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

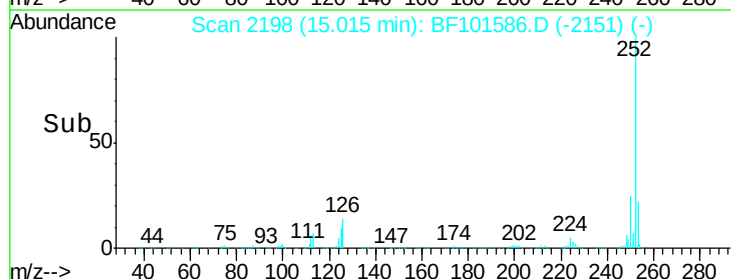
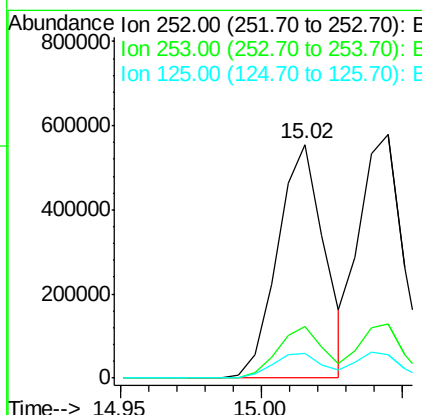
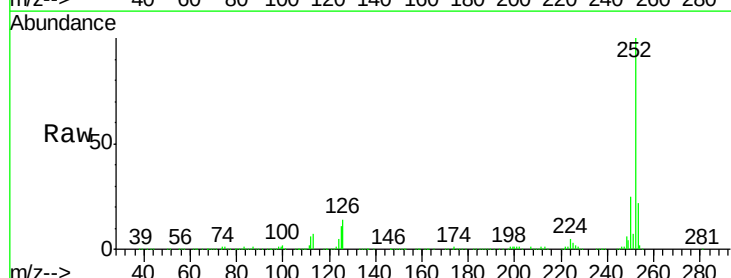
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

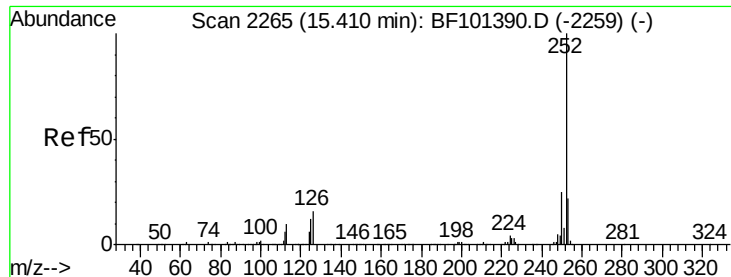
Tot Ion:252 Resp: 636751
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.519 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion:252 Resp: 636751
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.5 10.2 15.2

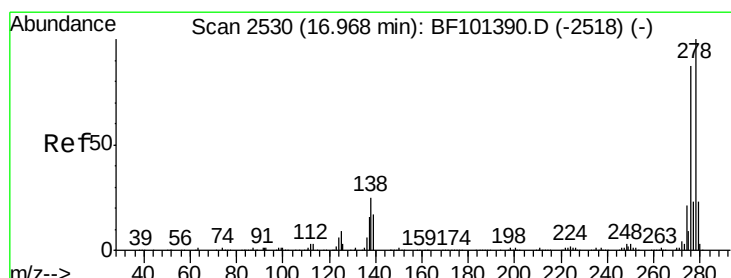
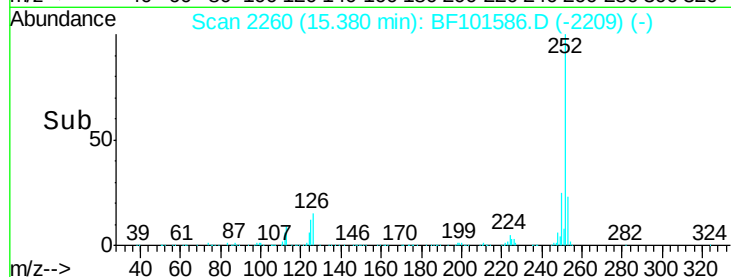
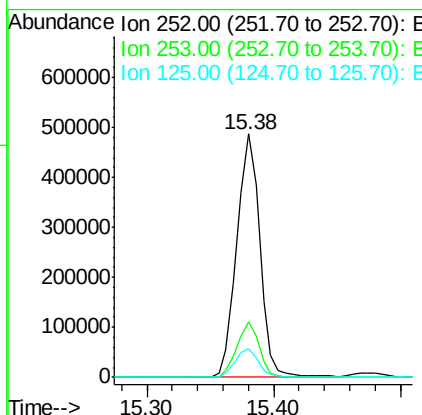
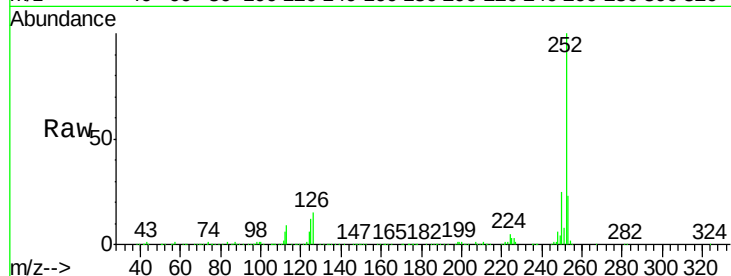




#89
Benzo(a)pyrene
Concen: 37.072 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

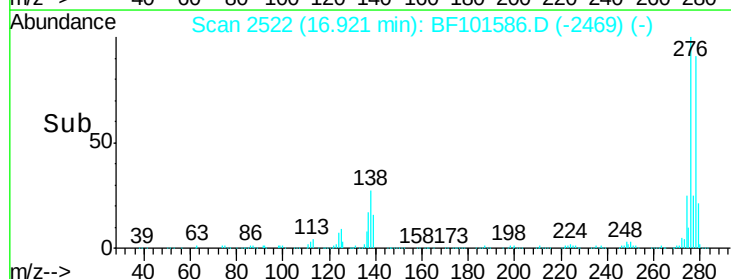
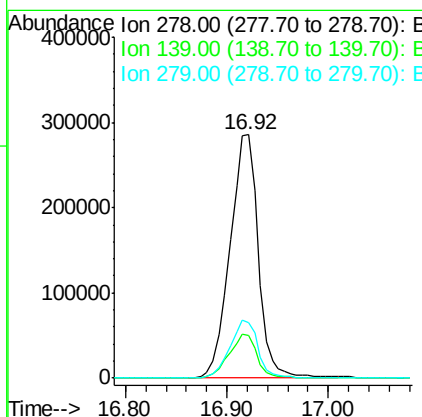
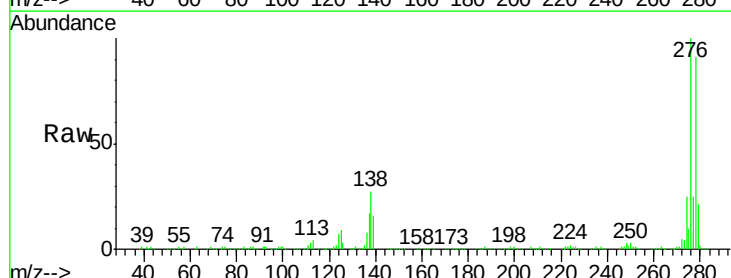
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

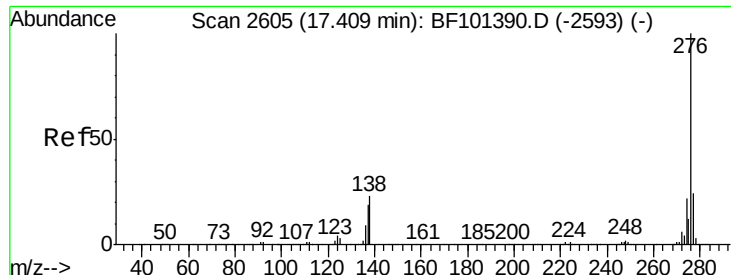
Tot Ion:252 Resp: 612876
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 11.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.116 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF101586.D
Acq: 21 Dec 2017 3:53

Tgt Ion:278 Resp: 555219
Ion Ratio Lower Upper
278 100
139 17.5 15.9 23.9
279 23.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.211 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.01 min

Lab File: BF101586.D

Acq: 21 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

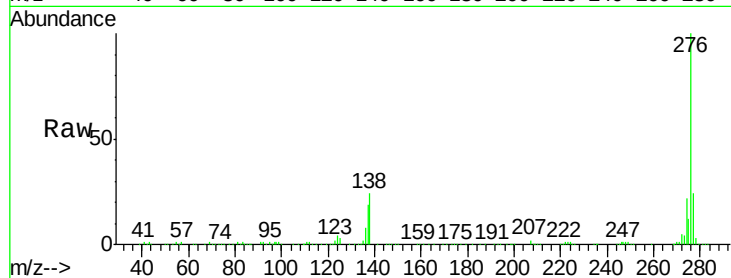
Tot Ion: 276 Resp: 537065

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 24.0 21.8 32.8



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

