

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102252.D
 Acq On : 20 Jan 2018 8:55
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 22 01:18:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124621	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	516768	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	233770	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	400043	20.00	ng	0.00
75) Chrysene-d12	13.87	240	266425	20.00	ng	0.00
86) Perylene-d12	15.29	264	228397	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	672945	76.25	ng	0.00
7) Phenol-d6	6.36	99	812626	77.18	ng	0.00
23) Nitrobenzene-d5	7.29	82	737131	83.82	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	180802	88.62	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1283377	85.77	ng	0.00
78) Terphenyl-d14	12.83	244	1003435	78.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	155101	35.22	ng	98
3) Pyridine	3.07	79	428289	35.61	ng	95
4) n-Nitrosodimethylamine	3.03	42	171257	34.00	ng	97
6) Aniline	6.39	93	545653	36.77	ng	100
8) 2-Chlorophenol	6.50	128	352233	39.79	ng	97
9) Benzaldehyde	6.27	77	279048	38.17	ng	97
10) Phenol	6.37	94	434554	36.52	ng	77
11) bis(2-Chloroethyl)ether	6.46	93	335408	37.03	ng	99
12) 1,3-Dichlorobenzene	6.66	146	403936	39.59	ng	99
13) 1,4-Dichlorobenzene	6.74	146	405068	39.78	ng	97
14) 1,2-Dichlorobenzene	6.89	146	379678	40.29	ng	97
15) Benzyl Alcohol	6.87	79	294496	38.24	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	553747	33.17	ng	99
17) 2-Methylphenol	6.98	107	305690	38.28	ng	98
18) Hexachloroethane	7.23	117	141649	39.51	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	246922	35.78	ng	96
20) 3+4-Methylphenols	7.14	107	365203	38.09	ng	# 71
22) Acetophenone	7.13	105	489877	39.34	ng	# 90
24) Nitrobenzene	7.31	77	379218	40.13	ng	96
25) Isophorone	7.55	82	647274	37.25	ng	99
26) 2-Nitrophenol	7.62	139	199143	50.35	ng	95
27) 2,4-Dimethylphenol	7.66	122	288096	39.00	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	387906	36.97	ng	99
29) 2,4-Dichlorophenol	7.86	162	290494	41.42	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	301507	41.10	ng	99
31) Naphthalene	8.03	128	1033644	40.03	ng	100
32) Benzoic acid	7.80	122	202860	36.22	ng	95
33) 4-Chloroaniline	8.08	127	444430	40.32	ng	98
34) Hexachlorobutadiene	8.14	225	160854	41.42	ng	99
35) Caprolactam	8.46	113	99125	41.17	ng	89
36) 4-Chloro-3-methylphenol	8.56	107	309981	40.38	ng	100
37) 2-Methylnaphthalene	8.72	142	686352	40.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	280205	42.37	ng	99
40) Hexachlorocyclopentadiene	8.86	237	129203	35.72	ng	98

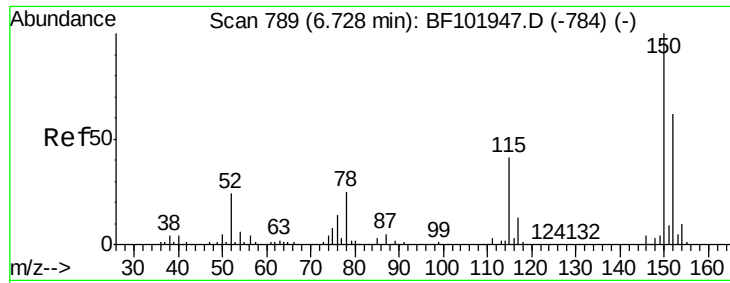
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	188158	41.29	nq	97
43) 2,4,5-Trichlorophenol	9.04	196	215918	41.92	nq	97
45) 1,1'-Biphenyl	9.18	154	825251	39.94	nq	99
46) 2-Chloronaphthalene	9.20	162	651847	40.68	nq	98
47) 2-Nitroaniline	9.30	65	214101	44.61	nq	94
48) Acenaphthylene	9.62	152	1009519	39.70	nq	99
49) Dimethylphthalate	9.49	163	757506	40.39	nq	99
50) 2,6-Dinitrotoluene	9.55	165	164870	44.01	nq	94
51) Acenaphthene	9.79	154	591861	38.35	nq	99
52) 3-Nitroaniline	9.72	138	203984	43.15	nq	86
53) 2,4-Dinitrophenol	9.82	184	61671	47.08	nq	# 20
54) Dibenzofuran	9.96	168	833927	39.37	nq	98
55) 4-Nitrophenol	9.89	139	163338	46.36	nq	88
56) 2,4-Dinitrotoluene	9.95	165	211757	45.10	nq	96
57) Fluorene	10.30	166	651406	44.49	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	148968	40.62	nq	98
59) Diethylphthalate	10.18	149	715577	38.36	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	276956	44.42	nq	99
61) 4-Nitroaniline	10.33	138	193383	43.10	nq	91
62) Azobenzene	10.46	77	679770	36.63	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	97506	45.25	nq	82
65) n-Nitrosodiphenylamine	10.42	169	588176	39.26	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	173027	40.96	nq	95
67) Hexachlorobenzene	10.85	284	193672	41.99	nq	92
68) Atrazine	10.95	200	173536	40.09	nq	98
69) Pentachlorophenol	11.05	266	99829	35.50	nq	99
70) Phenanthrene	11.26	178	937747	40.13	nq	99
71) Anthracene	11.32	178	940163	39.67	nq	99
72) Carbazole	11.47	167	885470	38.01	nq	100
73) Di-n-butylphthalate	11.80	149	1101472	38.54	nq	99
74) Fluoranthene	12.45	202	891547	38.78	nq	98
76) Benzidine	12.57	184	277056	21.54	nq	99
77) Pyrene	12.68	202	911819	38.72	nq	99
79) Butylbenzylphthalate	13.30	149	426803	39.49	nq	99
80) Benzo(a)anthracene	13.86	228	653863	38.47	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	230985	36.70	nq	# 97
82) Chrysene	13.90	228	667367	37.65	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	542637	43.77	nq	98
84) Di-n-octyl phthalate	14.47	149	849292	41.28	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	553299	42.89	nq	98
87) Benzo(b)fluoranthene	14.89	252	588856	39.54	nq	99
88) Benzo(k)fluoranthene	14.92	252	549066	38.22	nq	98
89) Benzo(a)pyrene	15.24	252	536366	40.02	nq	100
90) Dibenzo(a,h)anthracene	16.70	278	451911	42.26	nq	98
91) Benzo(g,h,i)perylene	17.10	276	466848	43.34	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

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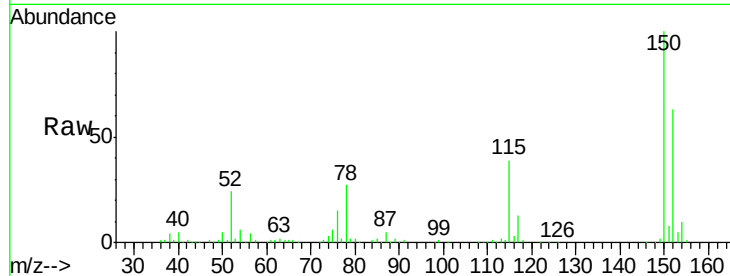
Tot Ion:152 Resp: 124621

Ion Ratio Lower Upper

152 100

150 157.8 124.6 186.8

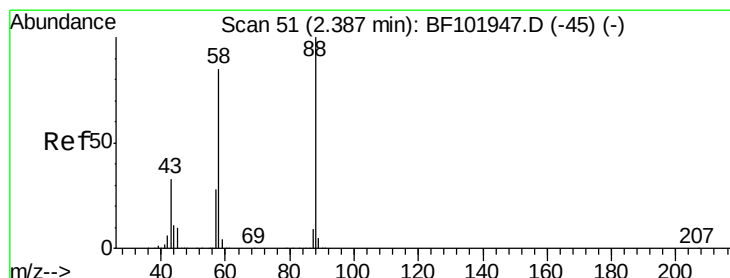
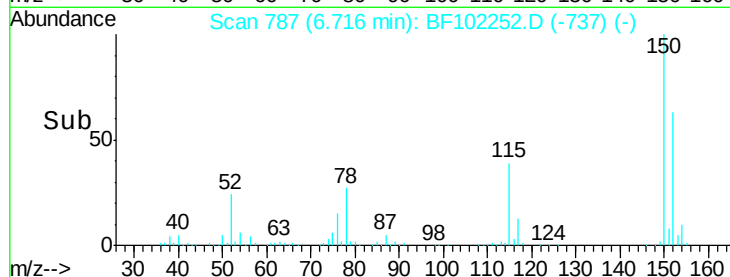
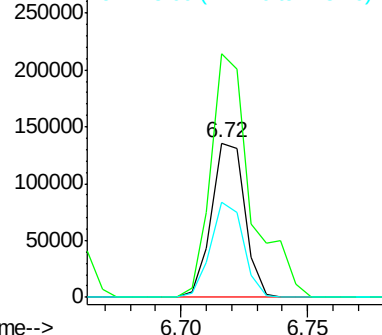
115 61.4 50.1 75.1



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



#2

1,4-Dioxane

Concen: 35.22 ng

RT: 2.36 min Scan# 47

Delta R.T. -0.02 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

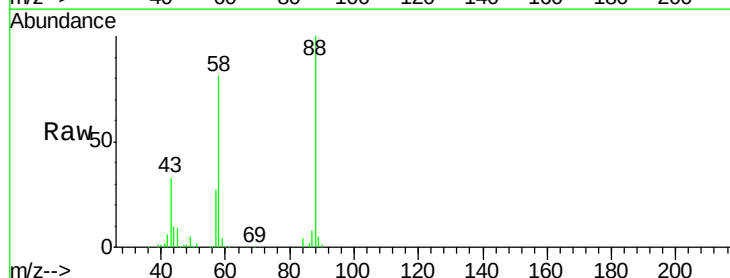
Tgt Ion: 88 Resp: 155101

Ion Ratio Lower Upper

88 100

58 80.6 62.6 93.8

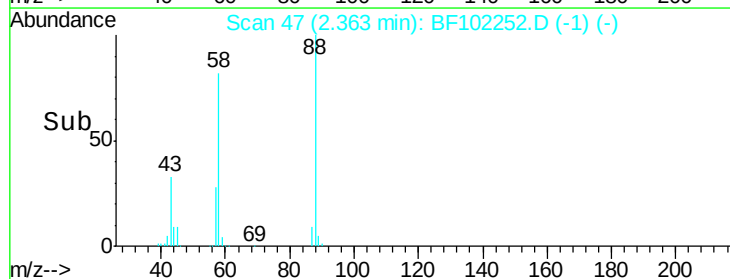
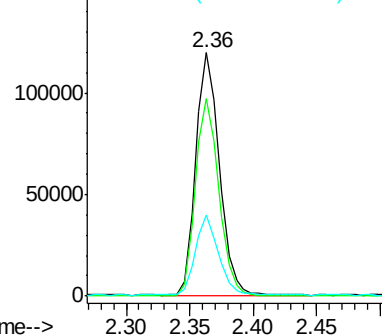
43 31.8 24.6 37.0

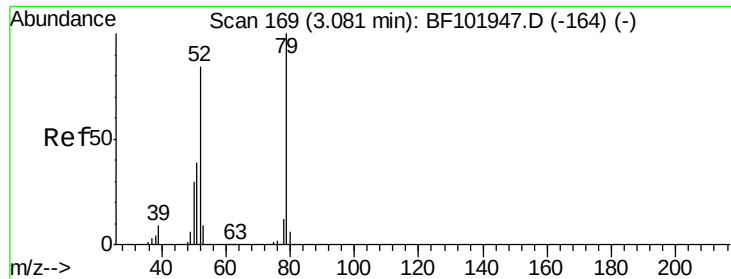


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.61 ng

RT: 3.07 min Scan# 167

Delta R.T. -0.02 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

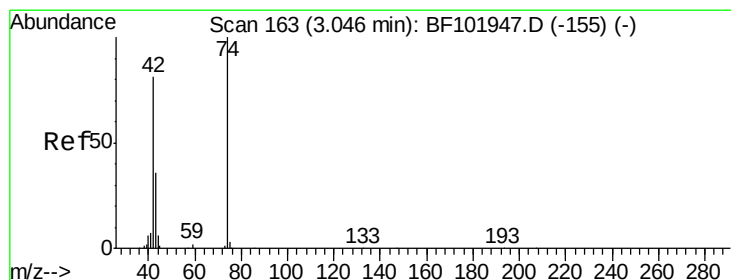
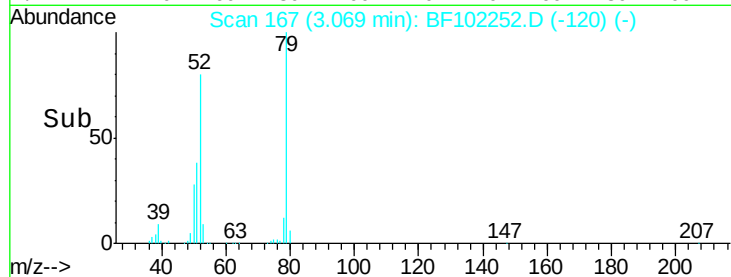
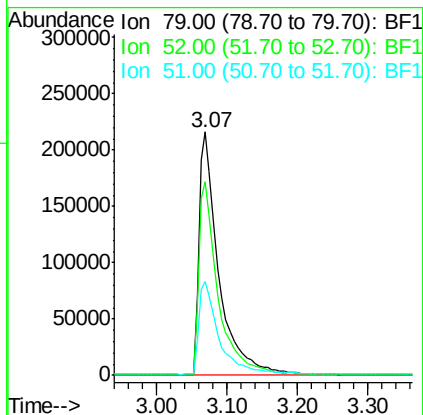
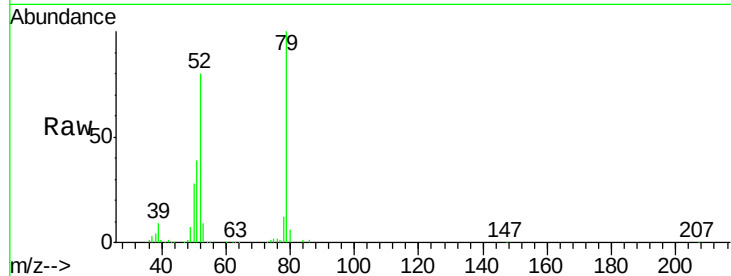
Tot Ion: 79 Resp: 428289

Ion Ratio Lower Upper

79 100

52 79.6 59.8 89.6

51 38.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.00 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.03 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

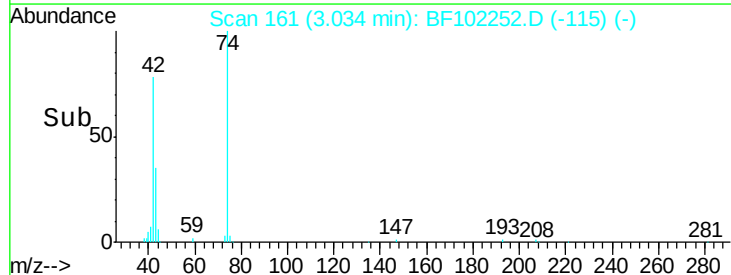
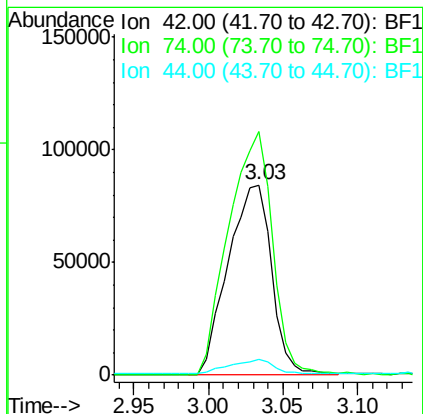
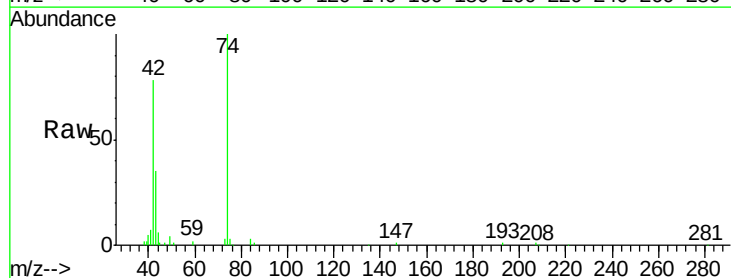
Tgt Ion: 42 Resp: 171257

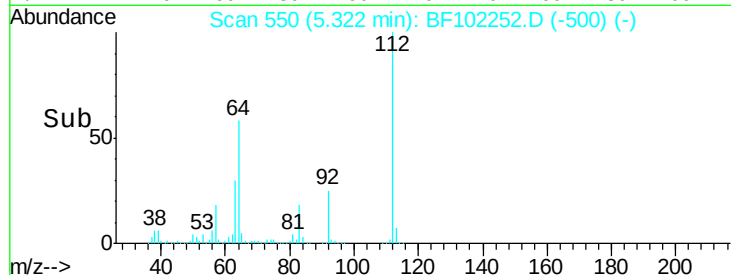
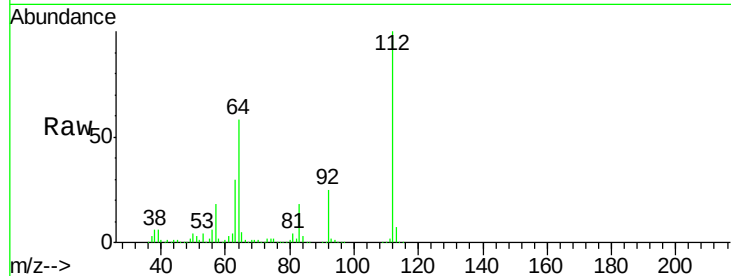
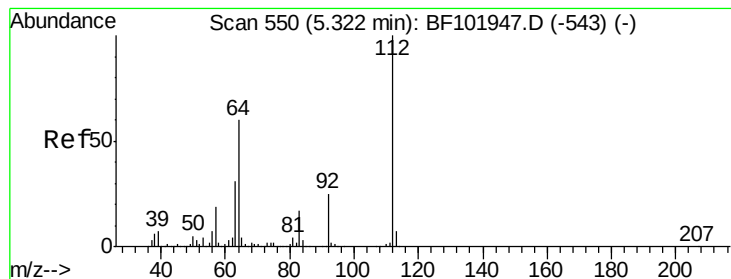
Ion Ratio Lower Upper

42 100

74 127.9 104.9 157.3

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 76.25 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

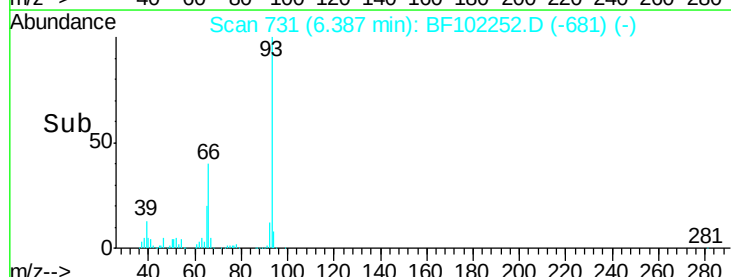
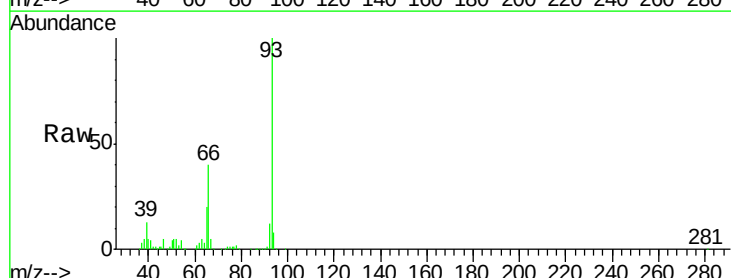
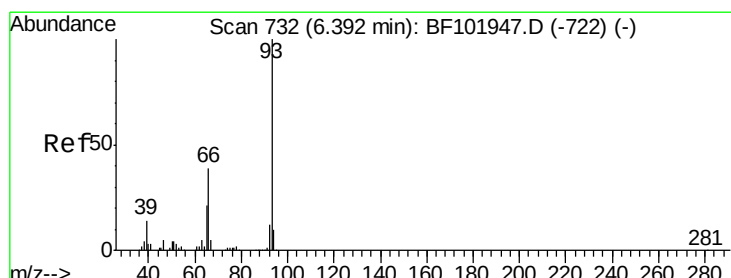
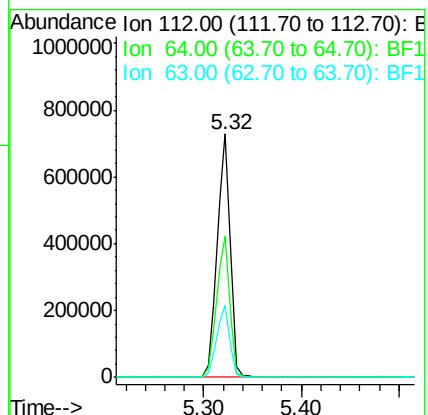
Tot Ion:112 Resp: 672945

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

63 29.5 23.7 35.5



#6

Aniline

Concen: 36.77 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

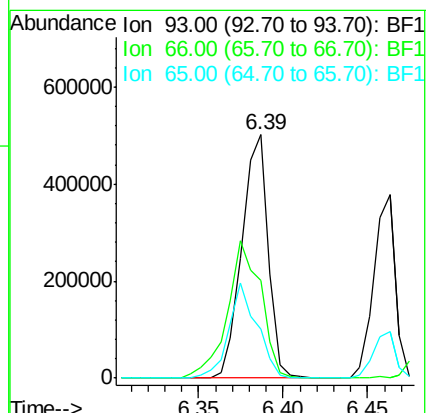
Tgt Ion: 93 Resp: 545653

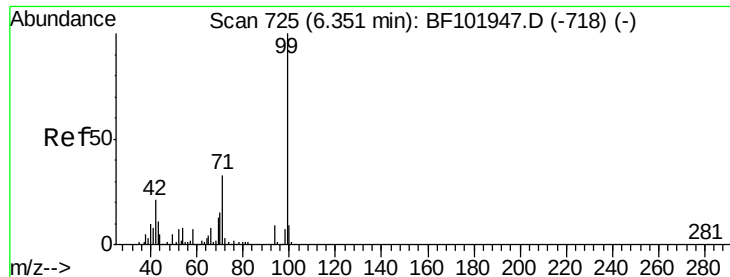
Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

65 20.1 16.4 24.6





#7

Phenol-d6

Concen: 77.18 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

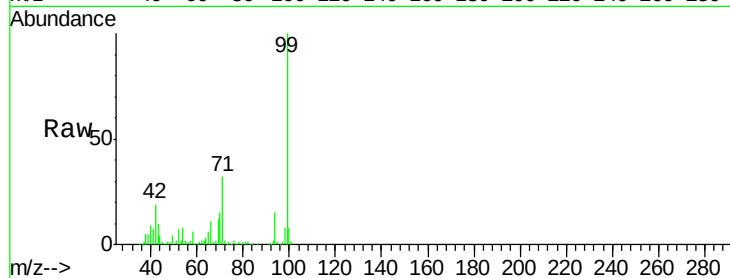
Tot Ion: 99 Resp: 812626

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

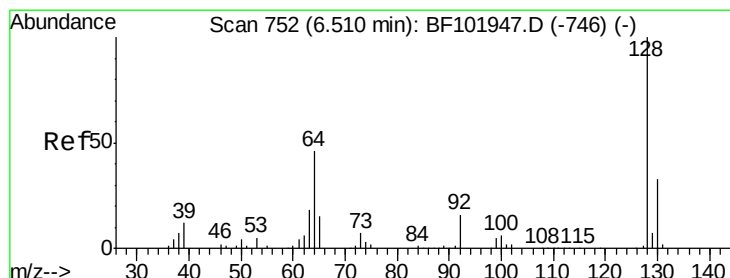
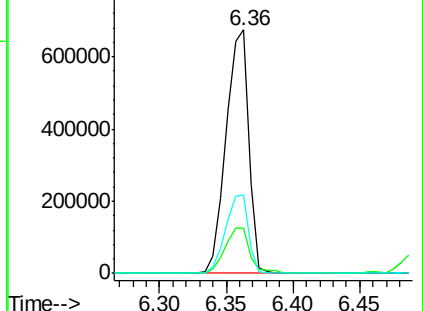
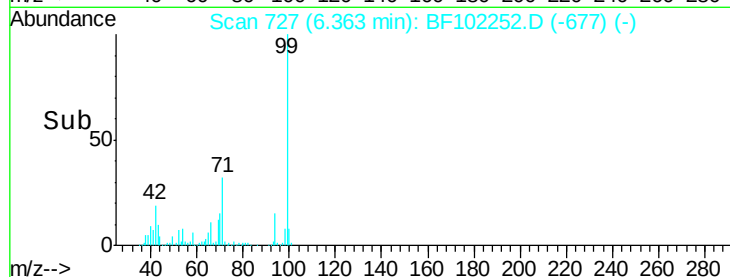
71 32.4 25.4 38.0



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: 39.79 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

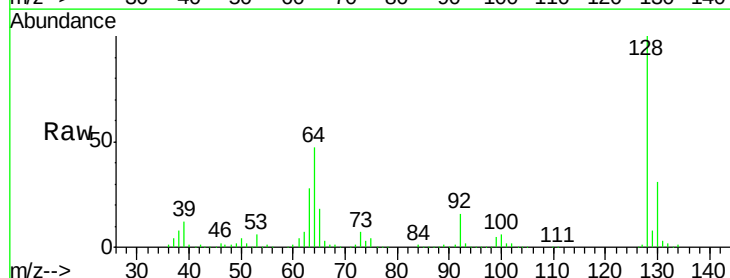
Tgt Ion: 128 Resp: 352233

Ion Ratio Lower Upper

128 100

130 31.4 13.0 53.0

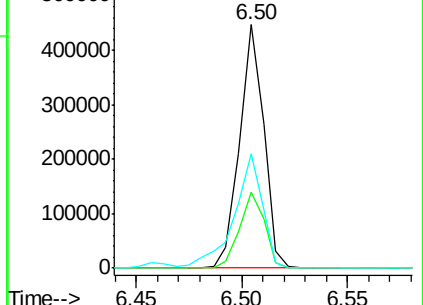
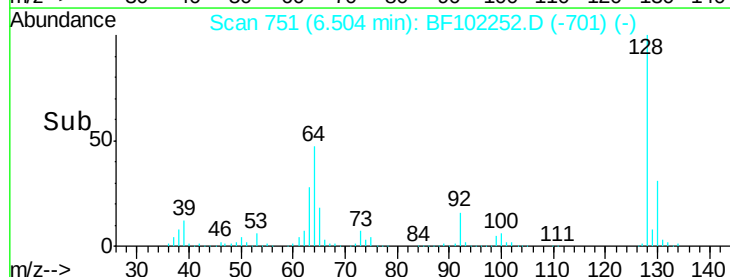
64 46.9 29.4 69.4

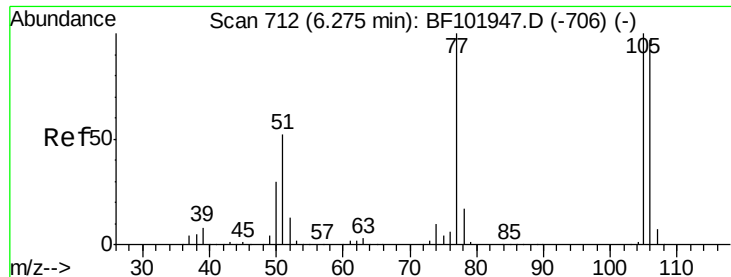


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.17 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

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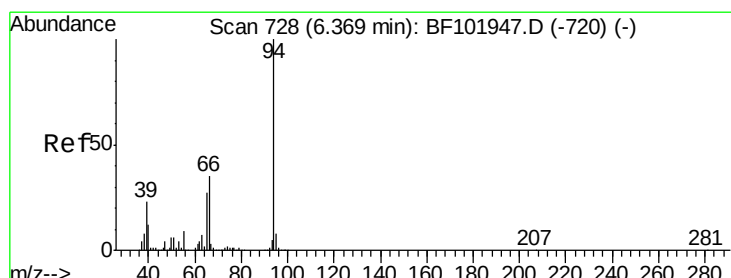
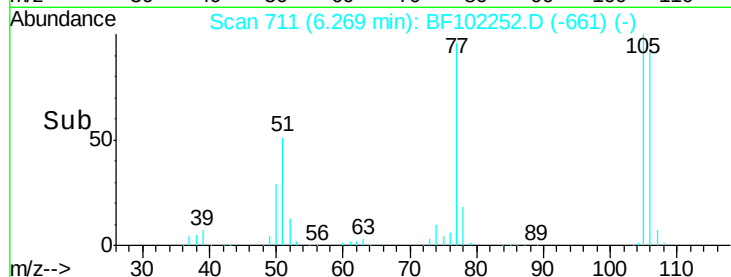
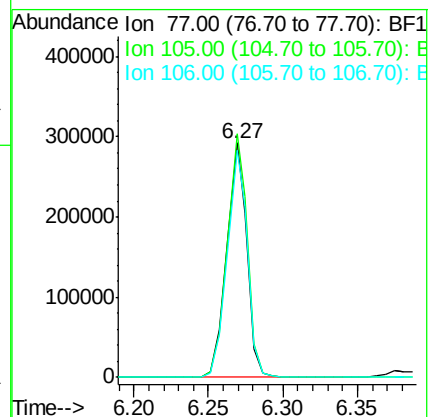
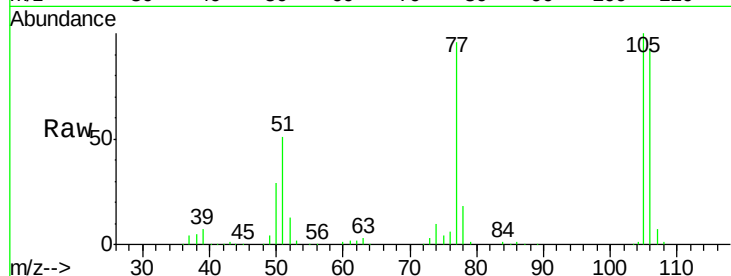
Tot Ion: 77 Resp: 279048

Ion Ratio Lower Upper

77 100

105 103.8 81.1 121.1

106 96.9 74.5 114.5



#10

Phenol

Concen: 36.52 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

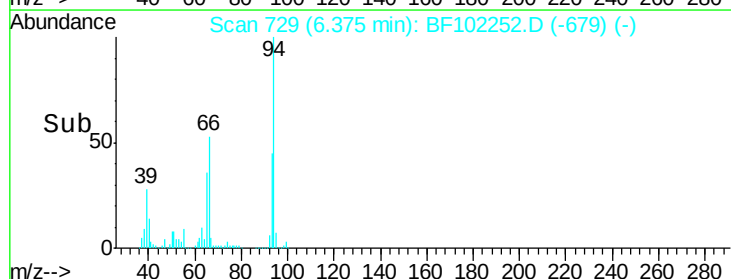
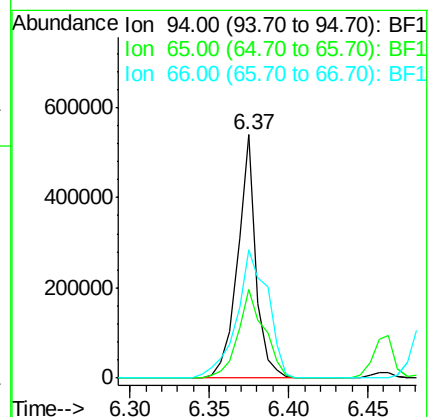
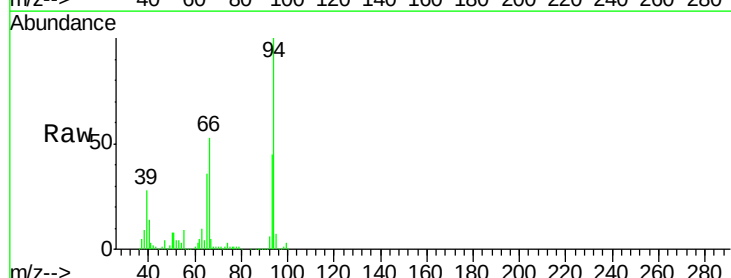
Tgt Ion: 94 Resp: 434554

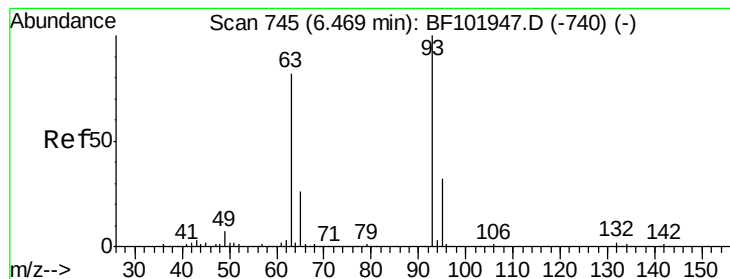
Ion Ratio Lower Upper

94 100

65 36.2 7.9 47.9

66 52.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.03 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

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SSTDCCC040

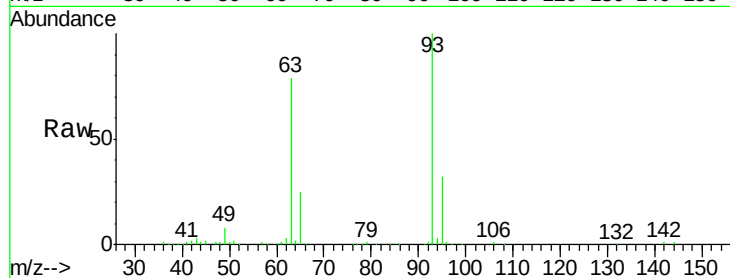
Tot Ion: 93 Resp: 335408

Ion Ratio Lower Upper

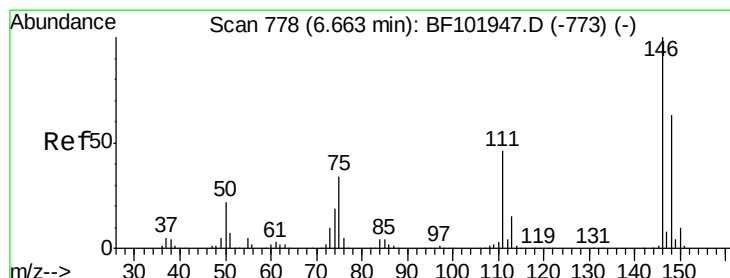
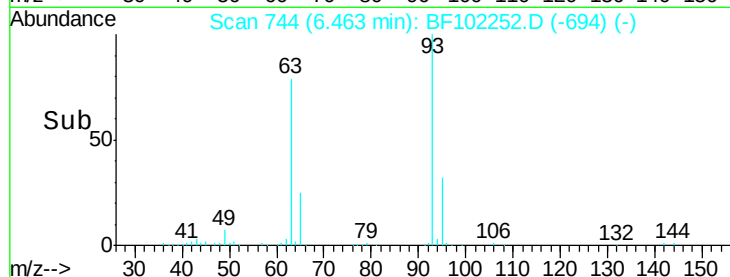
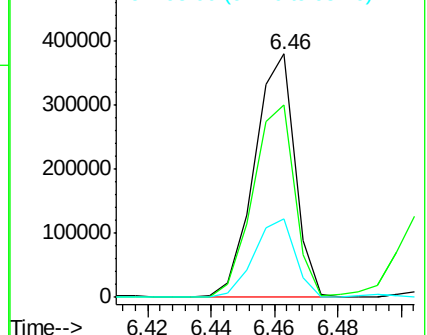
93 100

63 79.2 58.6 98.6

95 32.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.59 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

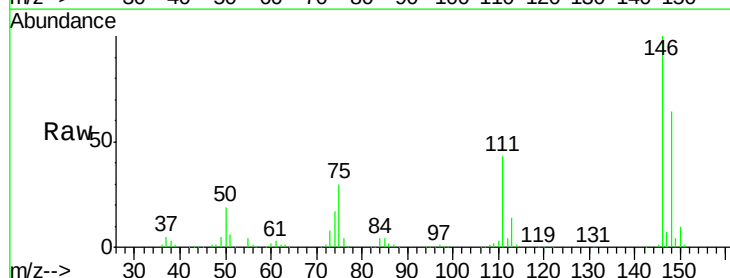
Tgt Ion: 146 Resp: 403936

Ion Ratio Lower Upper

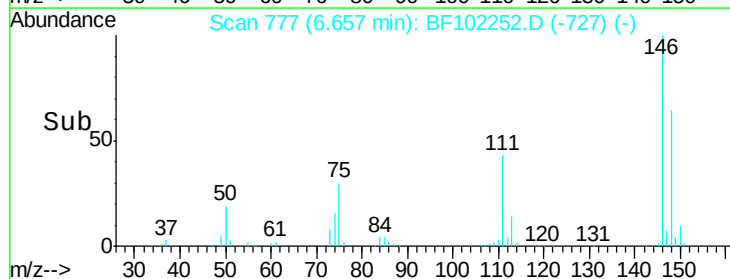
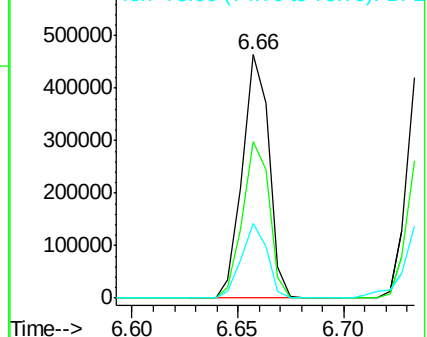
146 100

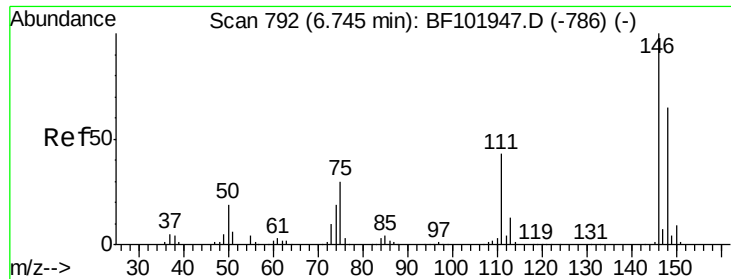
148 64.2 51.8 77.8

75 30.5 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

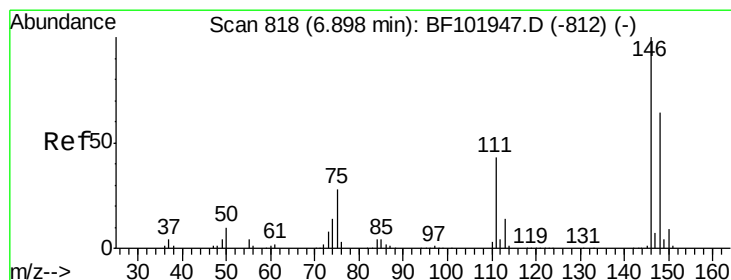
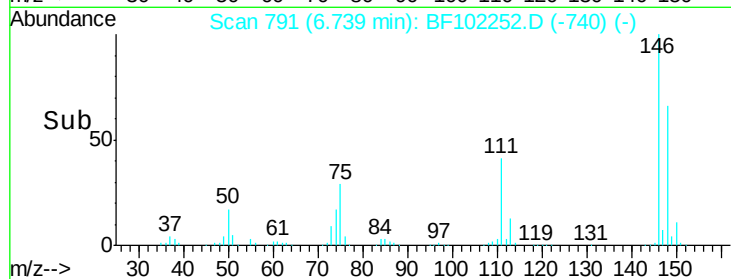
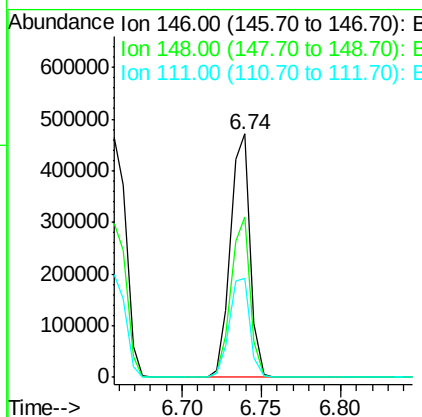
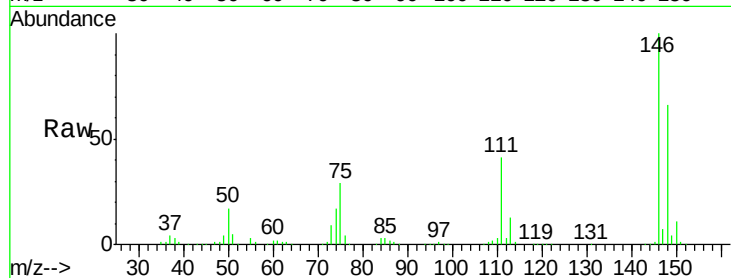




#13
 1,4-Dichlorobenzene
 Concen: 39.78 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

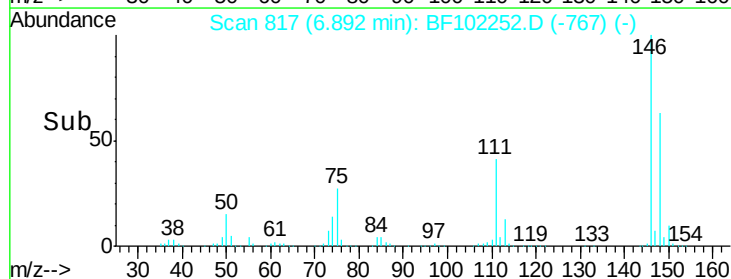
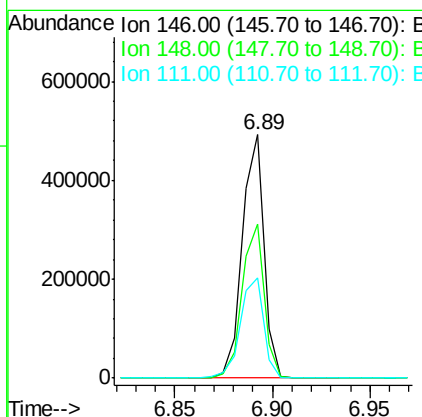
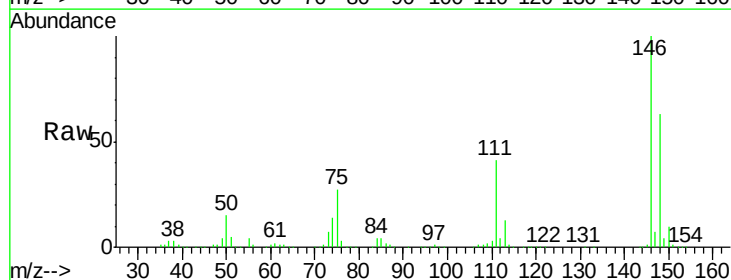
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

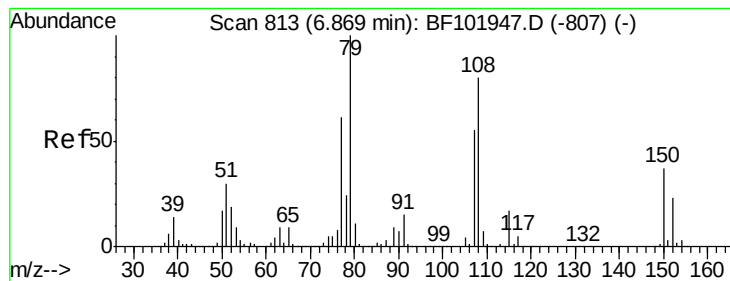
Tot Ion:146 Resp: 405068
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.8 76.2
 111 40.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.29 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion:146 Resp: 379678
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 41.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.24 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

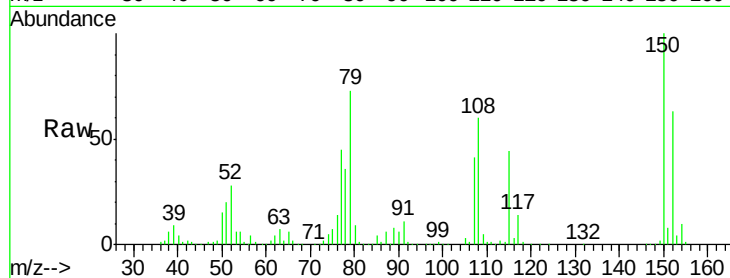
Tot Ion: 79 Resp: 294496

Ion Ratio Lower Upper

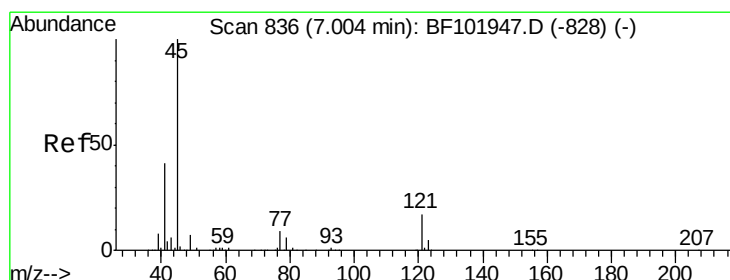
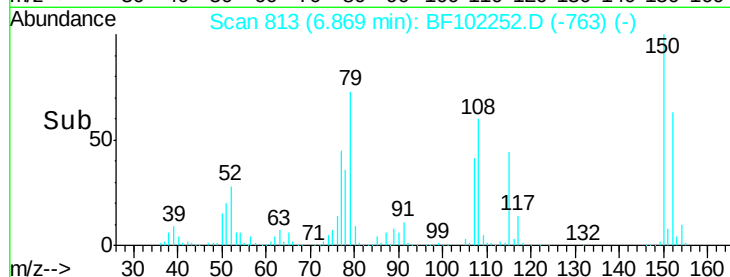
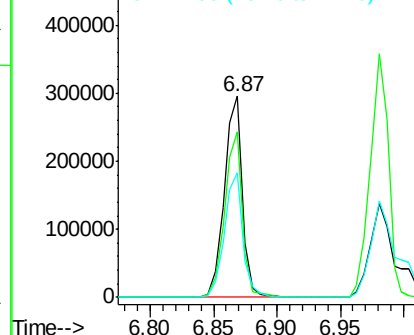
79 100

108 82.5 65.1 97.7

77 61.9 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: 33.17 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

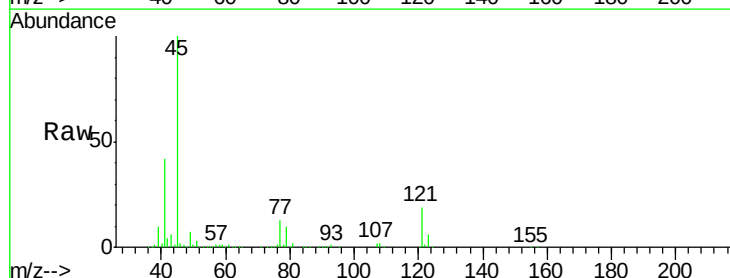
Tgt Ion: 45 Resp: 553747

Ion Ratio Lower Upper

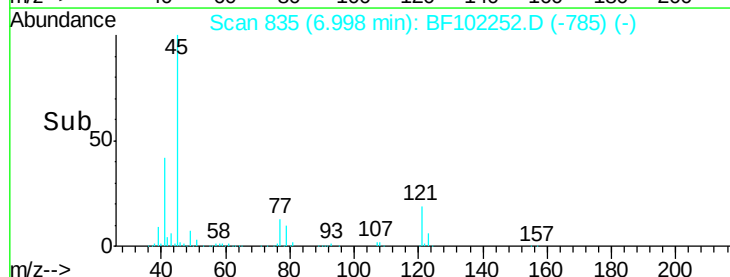
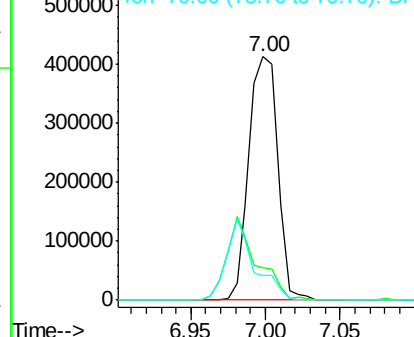
45 100

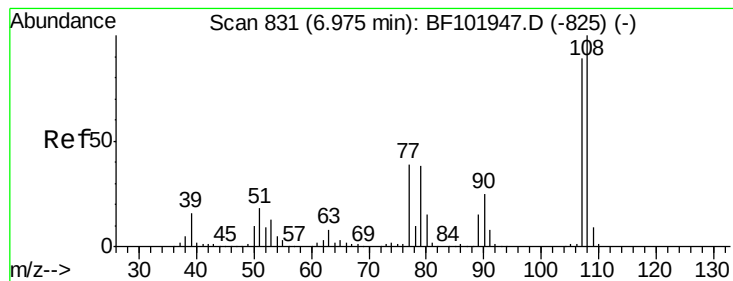
77 13.2 0.0 32.9

79 10.0 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

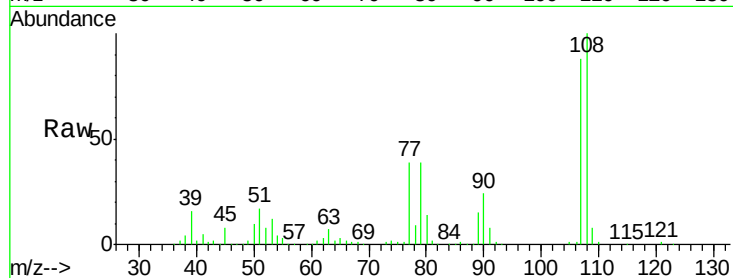




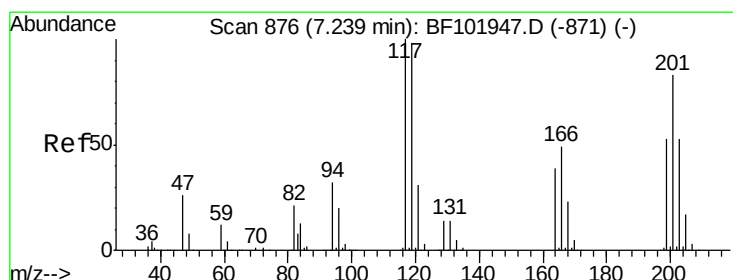
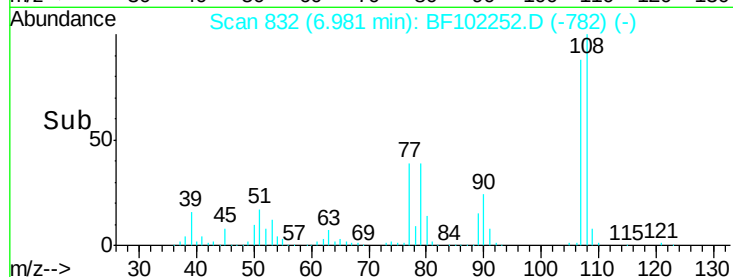
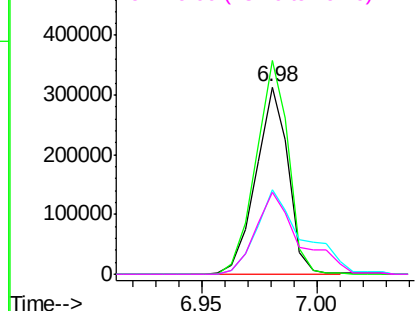
#17
2-Methylphenol
Concen: 38.28 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 305690
Ion Ratio Lower Upper
107 100
108 114.2 91.7 137.5
77 45.0 33.8 50.8
79 44.1 33.8 50.8

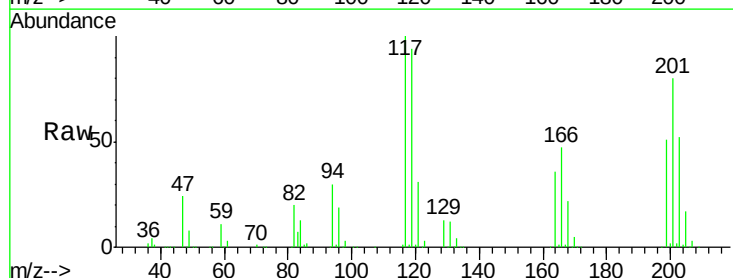


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

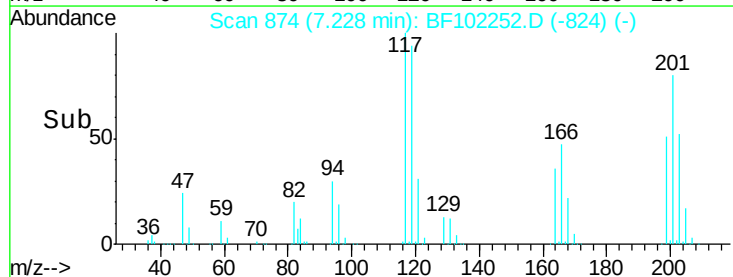
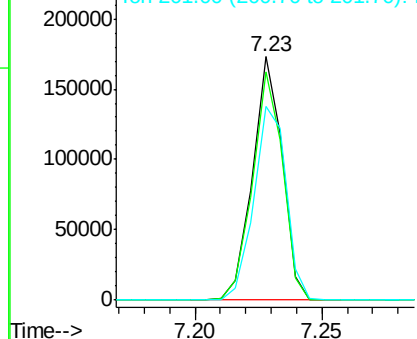


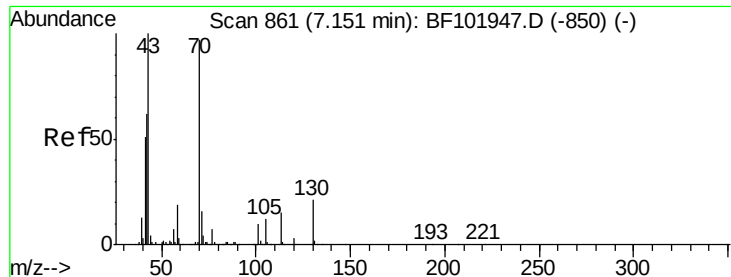
#18
Hexachloroethane
Concen: 39.51 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion:117 Resp: 141649
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
201 79.7 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

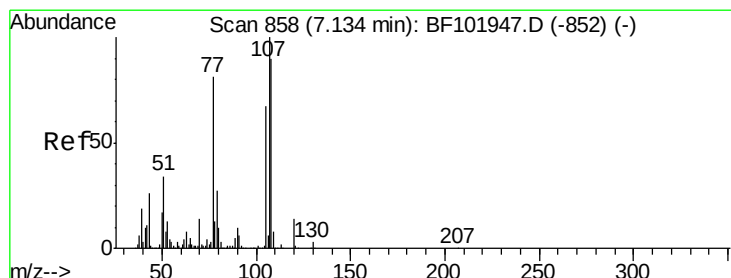
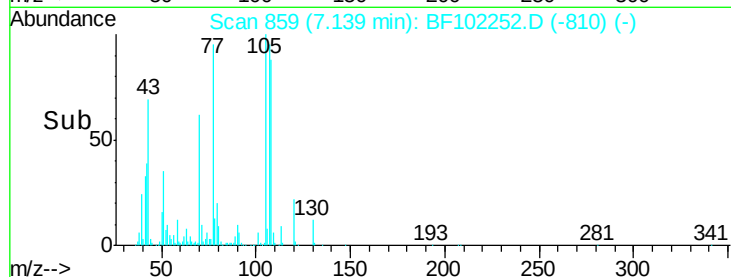
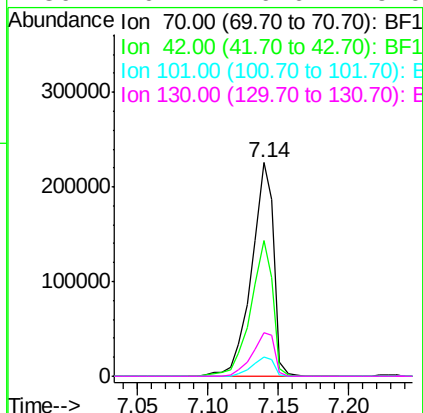
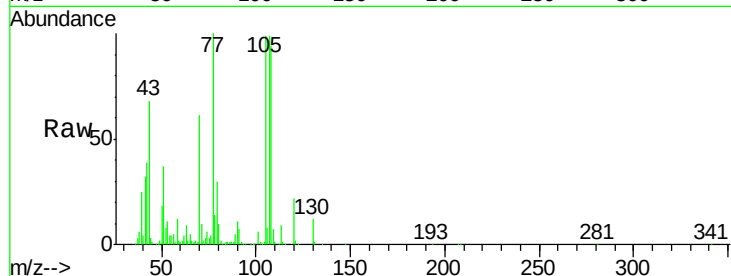




#19
n-Nitroso-di-n-propylamine
Concen: 35.78 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

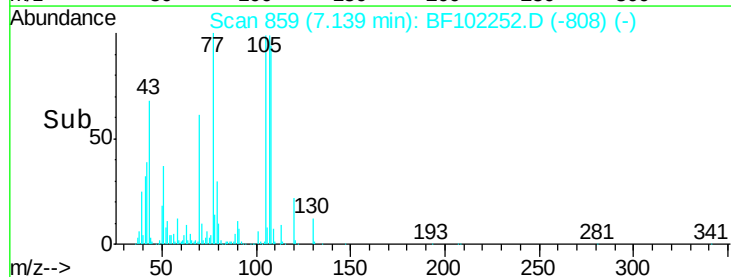
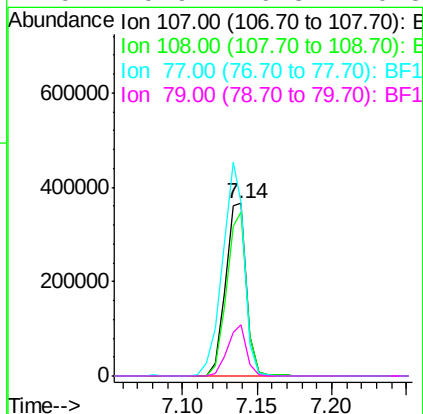
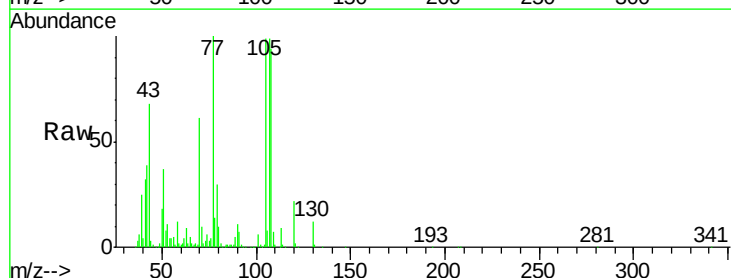
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

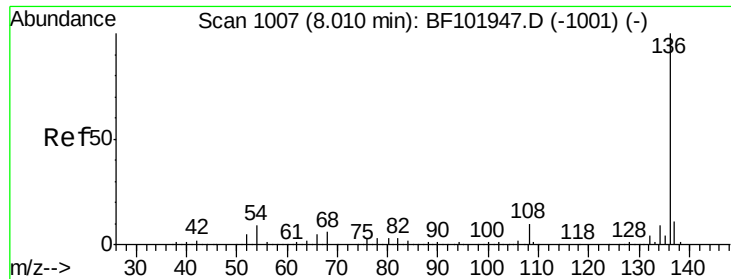
Tot Ion	Ratio	Lower	Upper
70	100		
42	63.4	47.5	71.3
101	9.1	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.09 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.4	68.2	108.2
77	101.0	26.7	66.7#
79	29.9	6.3	46.3

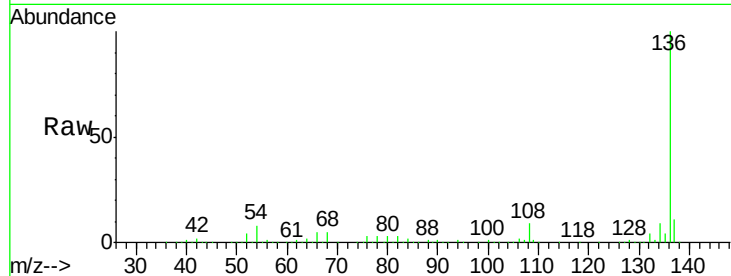




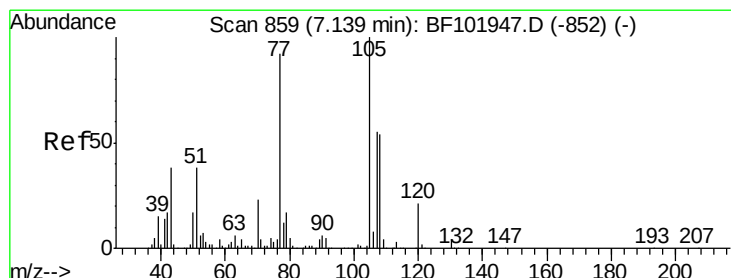
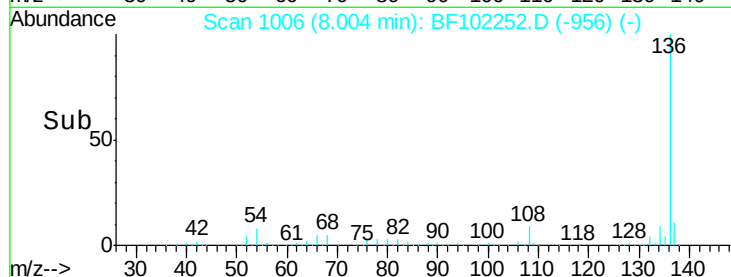
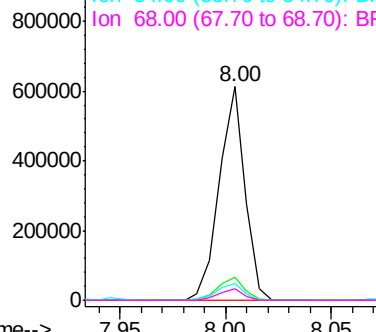
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	516768
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.6	6.6 9.8
68	5.3	5.0 7.4

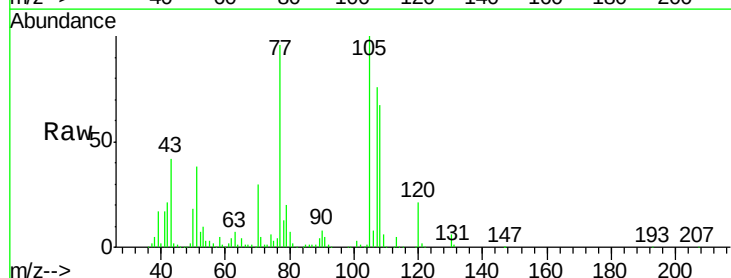


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

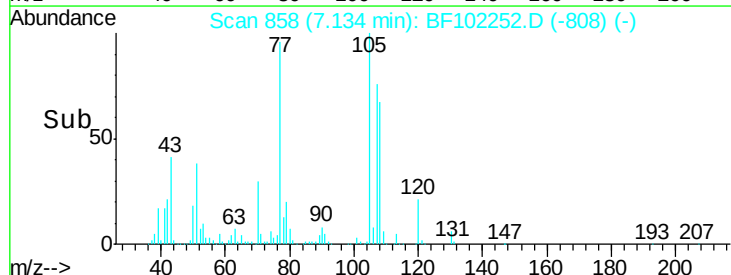
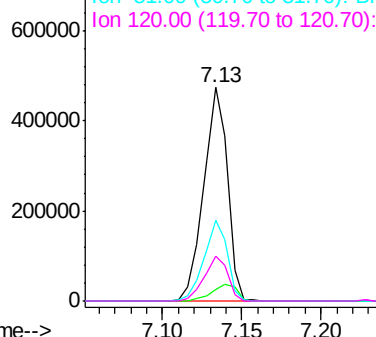


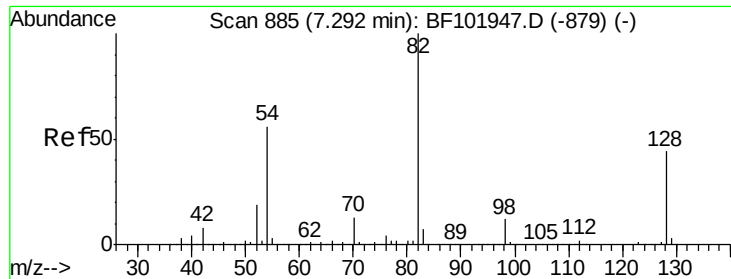
#22
Acetophenone
Concen: 39.34 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion:105	Resp:	489877
Ion Ratio	Lower	Upper
105	100	
71	5.3	4.4 6.6
51	37.7	22.3 33.5#
120	21.0	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

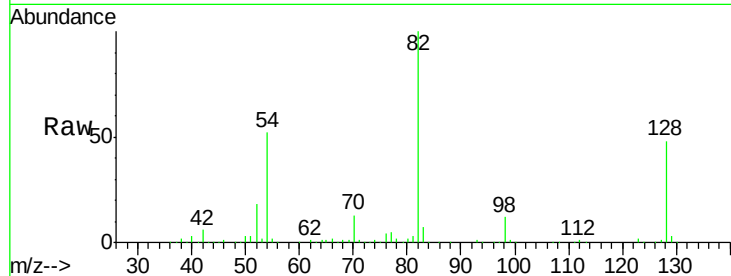




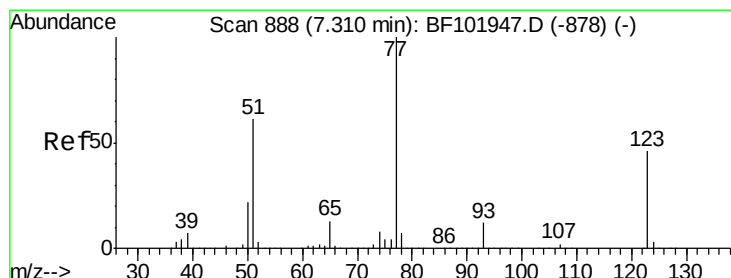
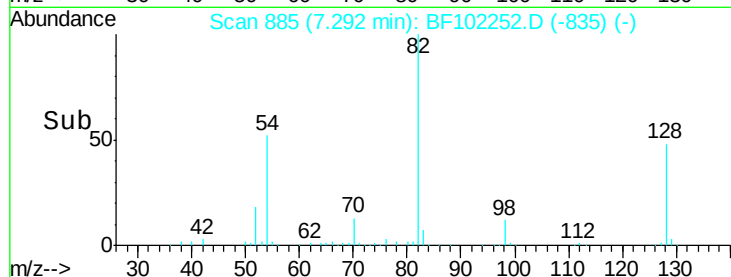
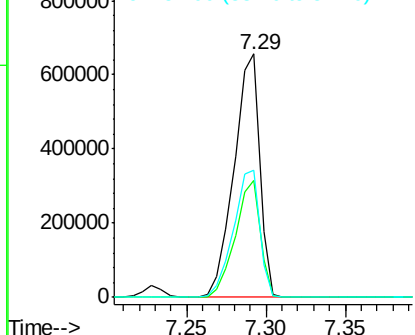
#23
 Nitrobenzene-d5
 Concen: 83.82 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	737131
Ion Ratio	100	Lower	Upper
128	48.0	36.1	54.1
54	52.3	41.4	62.2

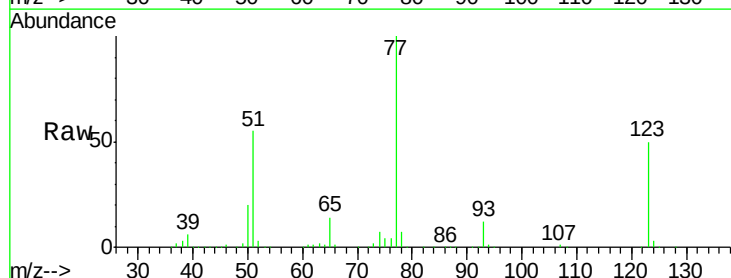


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

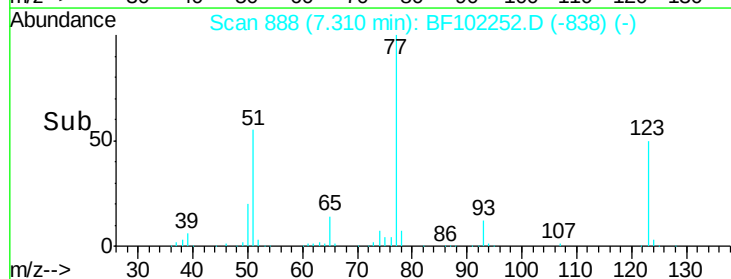
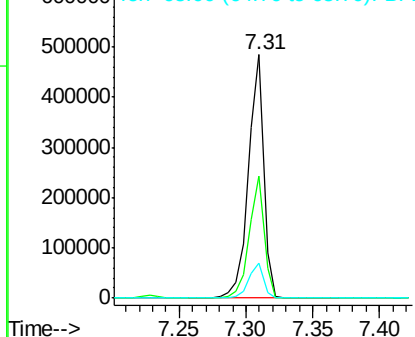


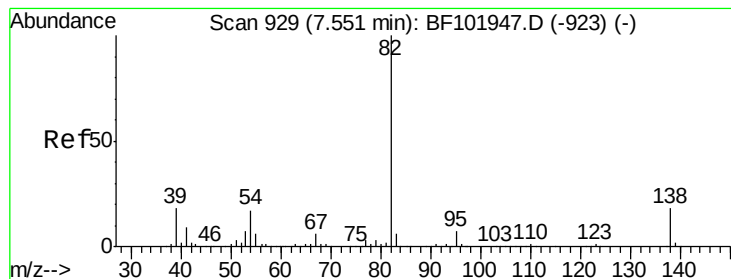
#24
 Nitrobenzene
 Concen: 40.13 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion	77	Resp	379218
Ion Ratio	100	Lower	Upper
123	50.4	37.9	56.9
65	14.2	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.25 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

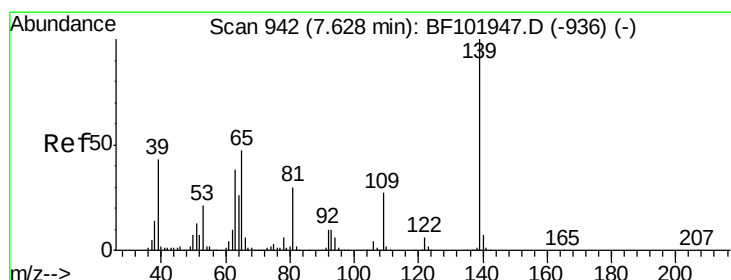
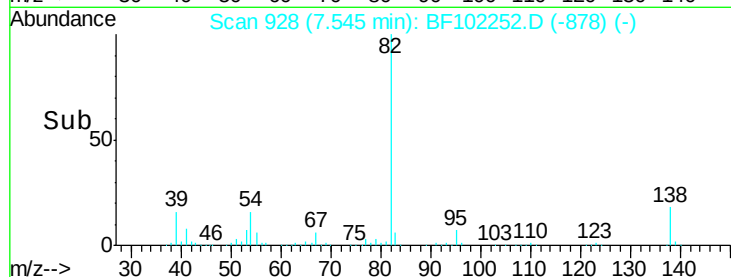
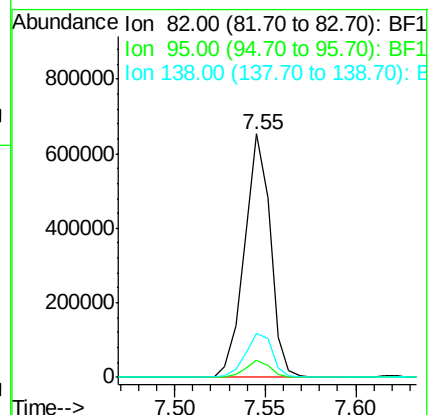
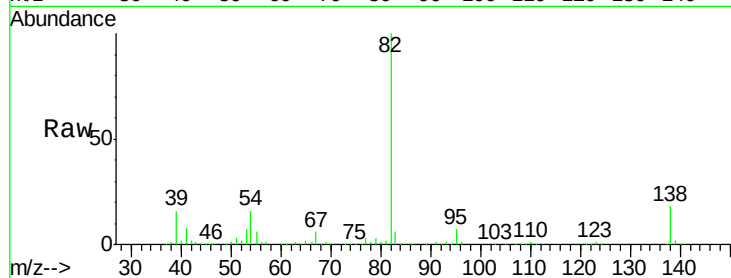
Tot Ion: 82 Resp: 647274

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 50.35 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

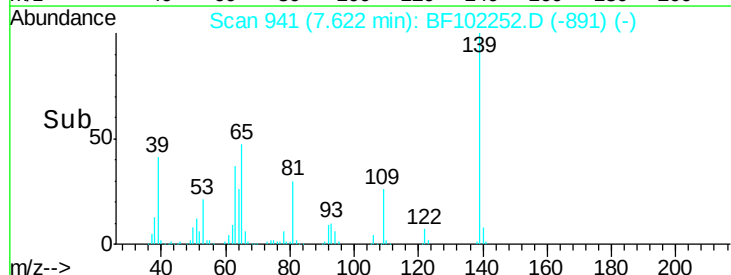
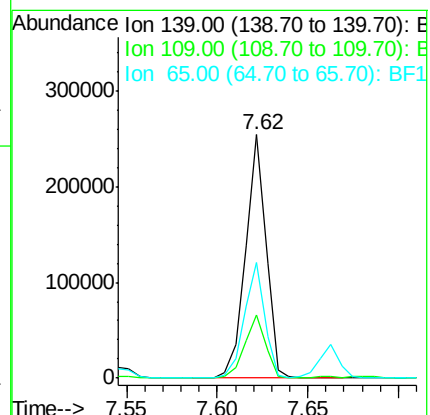
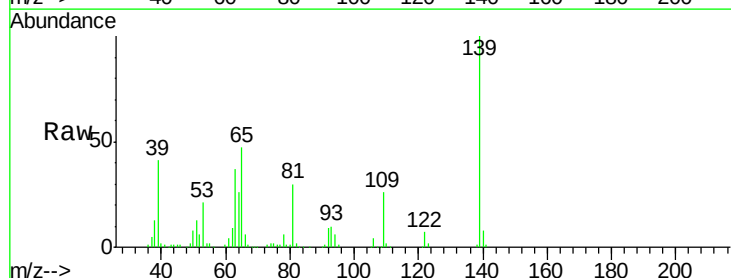
Tgt Ion: 139 Resp: 199143

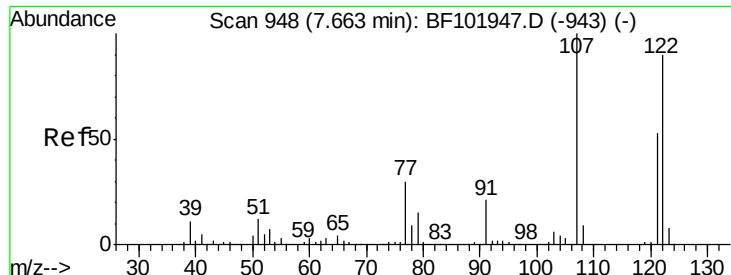
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 47.4 40.5 60.7

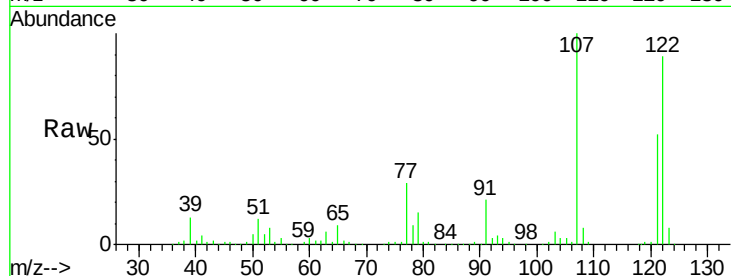




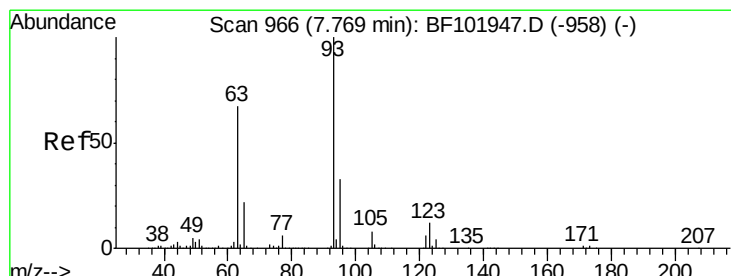
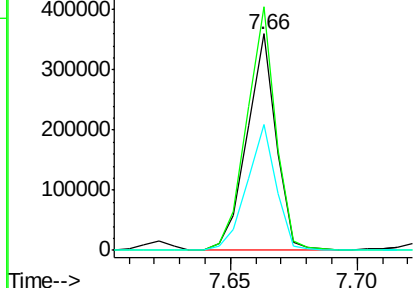
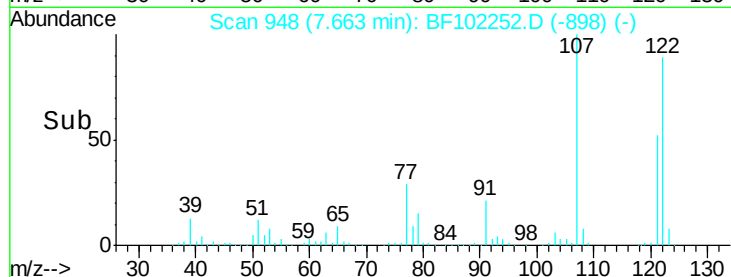
#27
 2,4-Dimethylphenol
 Concen: 39.00 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.2	136.8
121	58.3	47.2	70.8

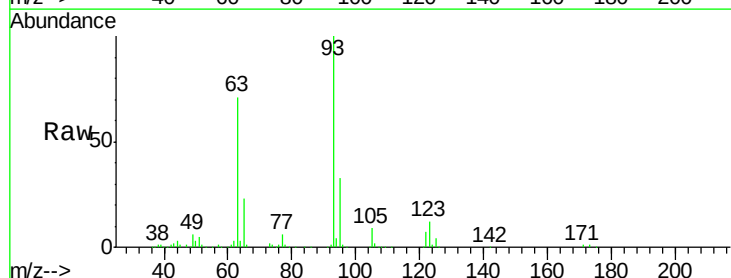


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

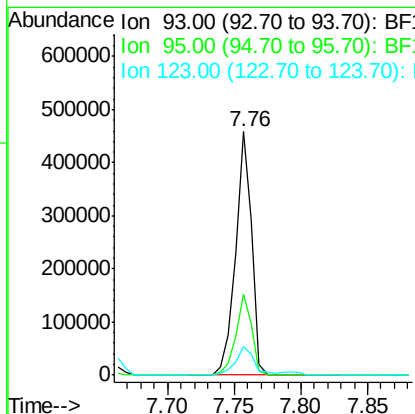
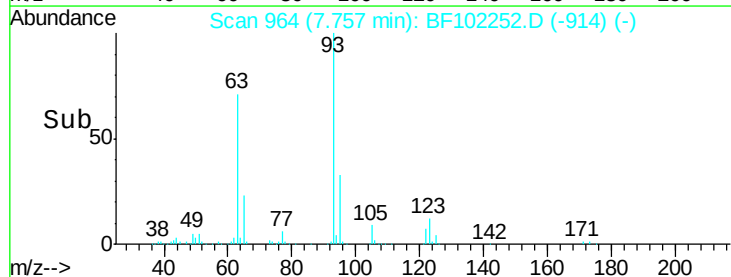


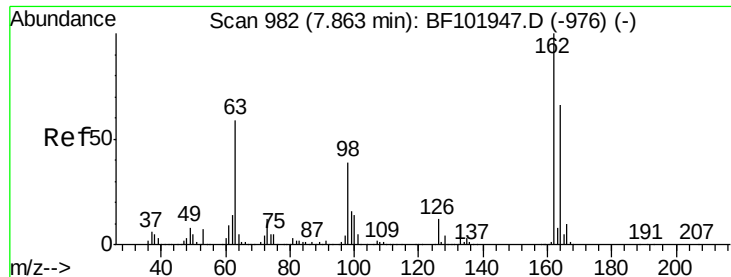
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.97 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	12.0	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

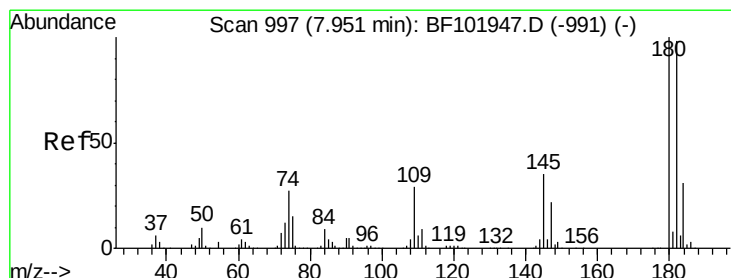
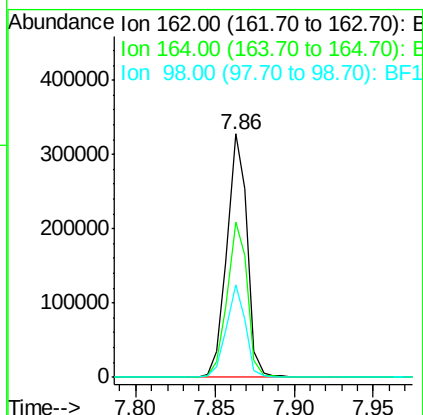
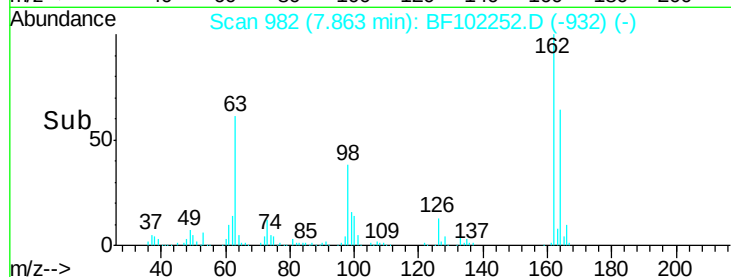
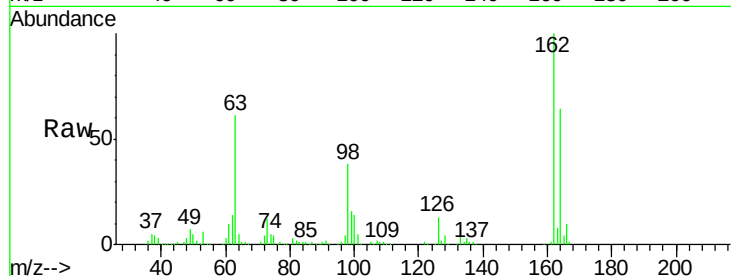




#29
2,4-Dichlorophenol
Concen: 41.42 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

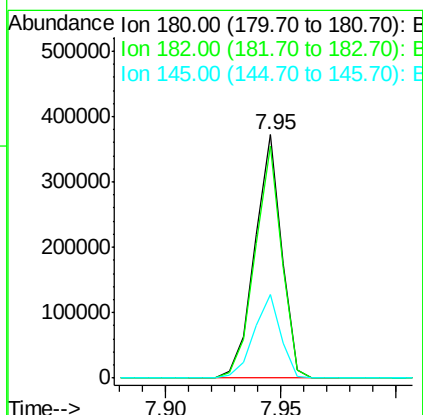
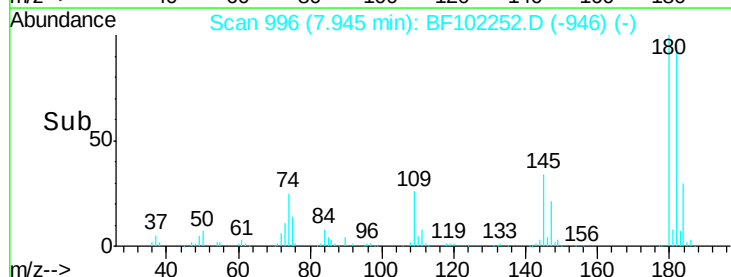
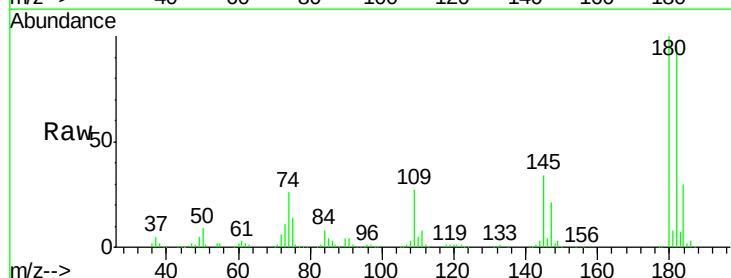
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

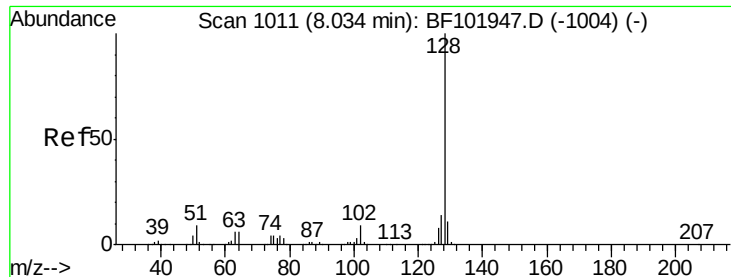
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	38.0	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 41.10 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	34.1	26.5	39.7





#31

Naphthalene

Concen: 40.03 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

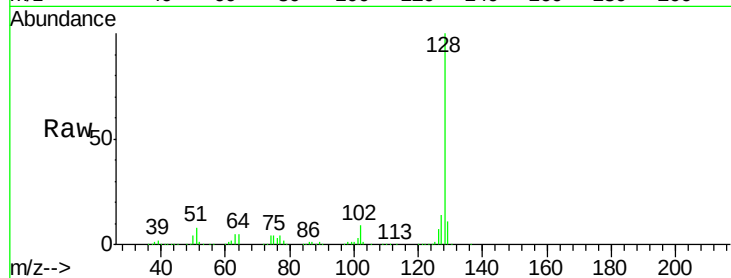
Tot Ion:128 Resp: 1033644

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

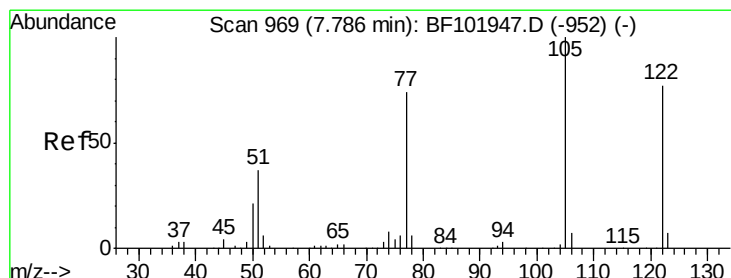
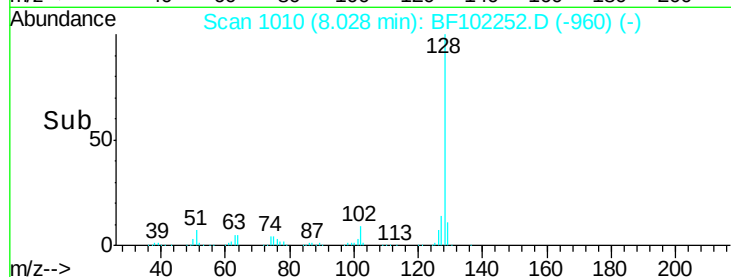
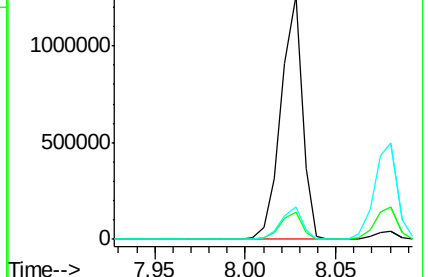
127 13.5 10.9 16.3



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: 36.22 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

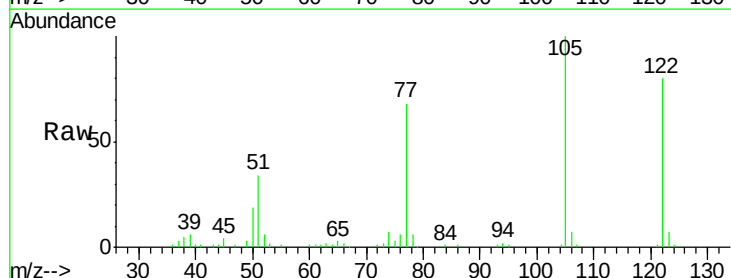
Tgt Ion:122 Resp: 202860

Ion Ratio Lower Upper

122 100

105 125.1 101.1 141.1

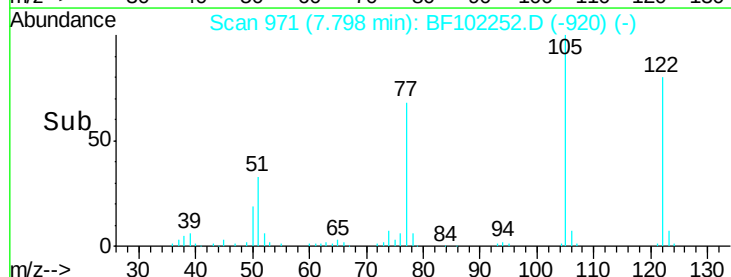
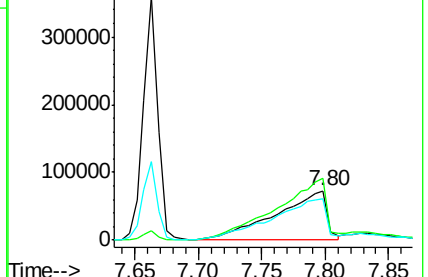
77 84.7 70.7 110.7

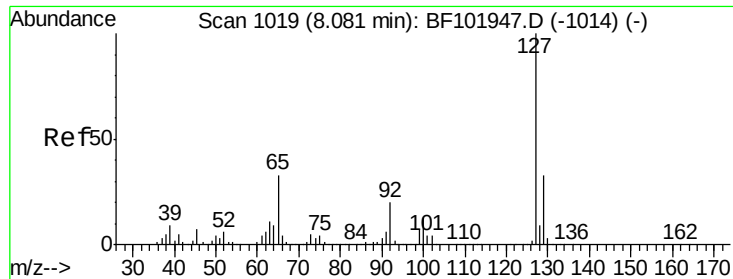


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

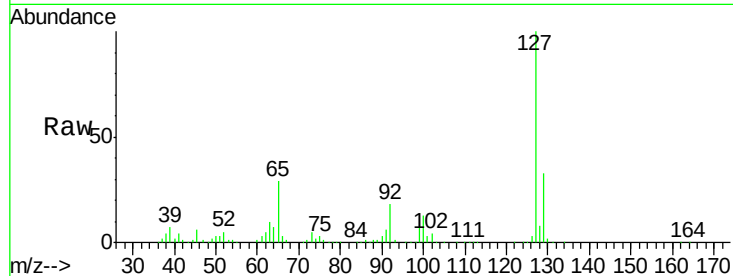




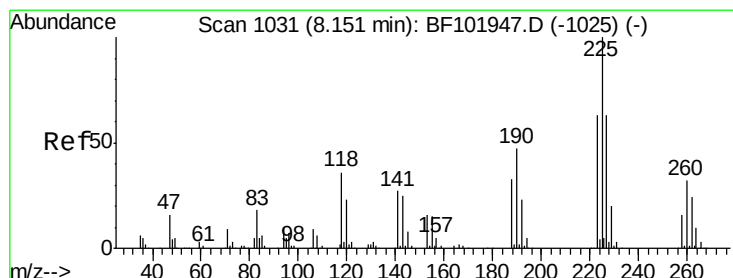
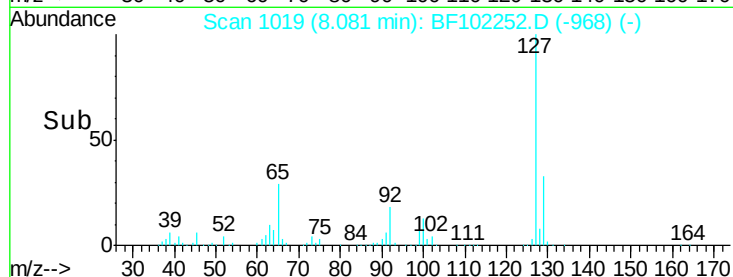
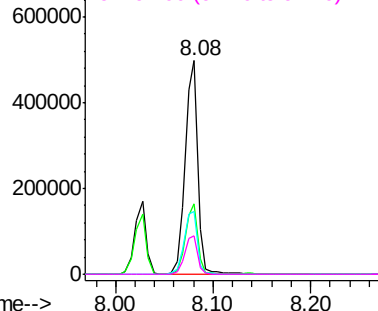
#33
4-Chloroaniline
Concen: 40.32 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	444430
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	29.3	25.0	37.4
92	18.1	15.2	22.8

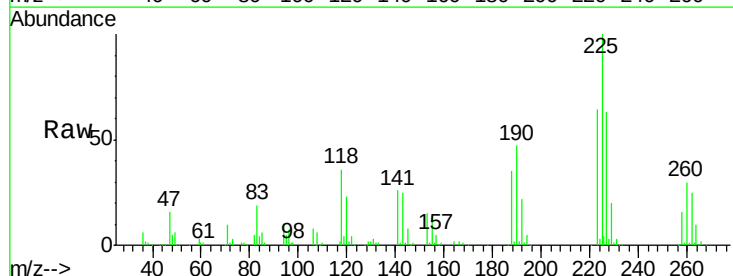


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

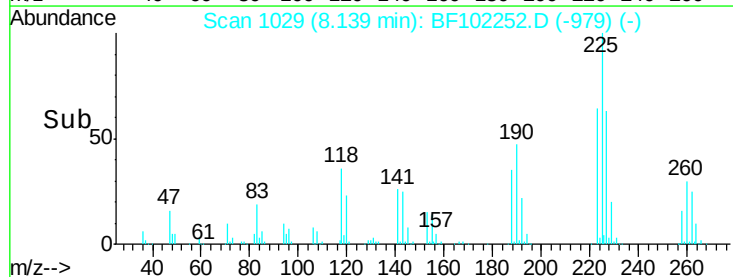
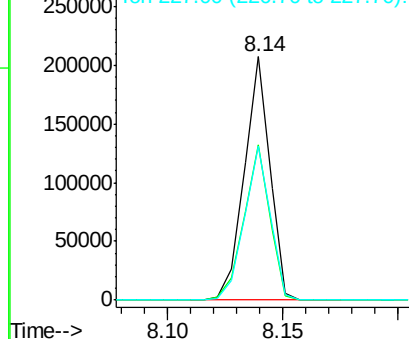


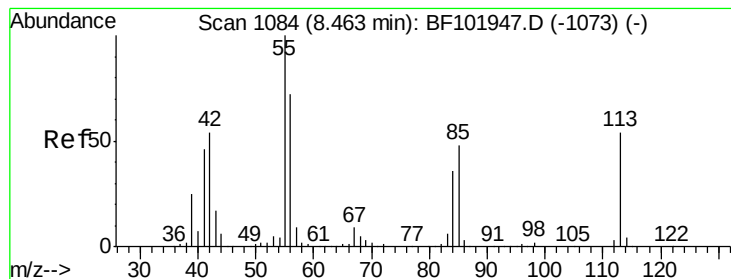
#34
Hexachlorobutadiene
Concen: 41.42 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion:	225	Resp:	160854
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.0	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: 41.17 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

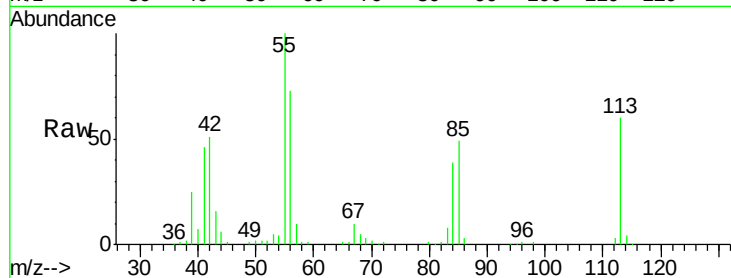
Tot Ion:113 Resp: 99125

Ion Ratio Lower Upper

113 100

55 168.0 163.3 203.3

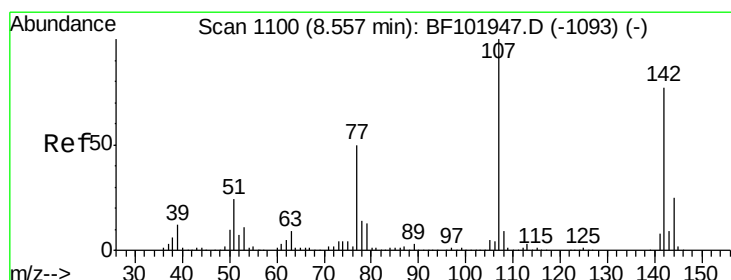
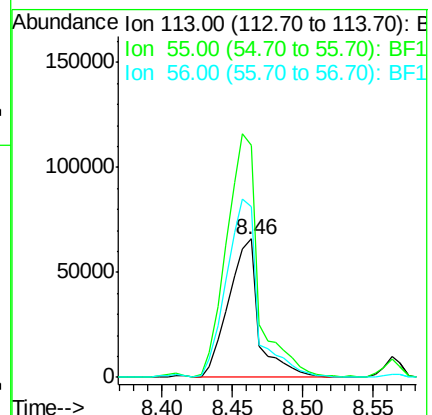
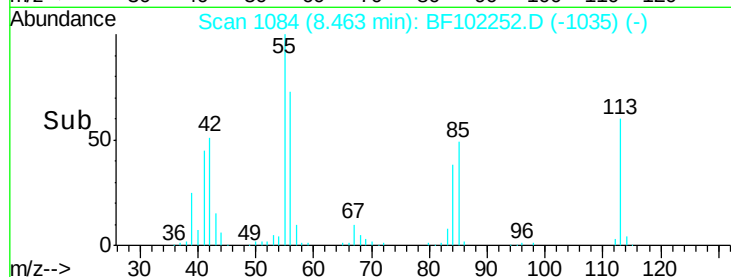
56 123.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.38 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

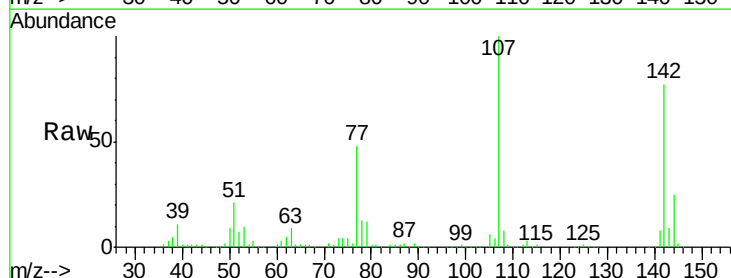
Tgt Ion:107 Resp: 309981

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

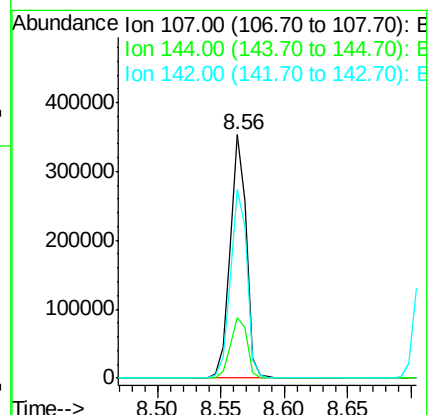
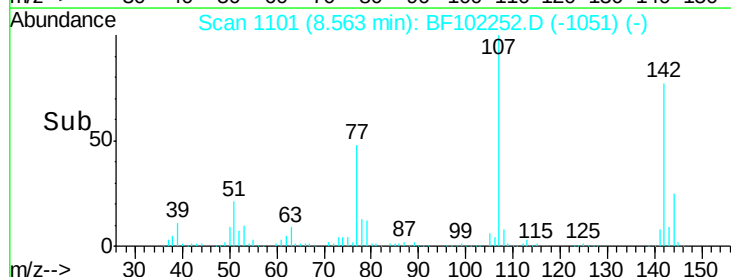
142 77.4 62.0 93.0

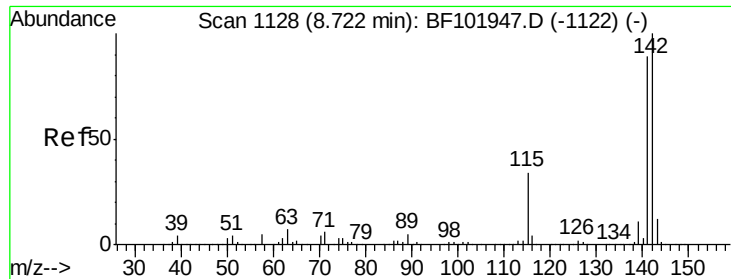


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

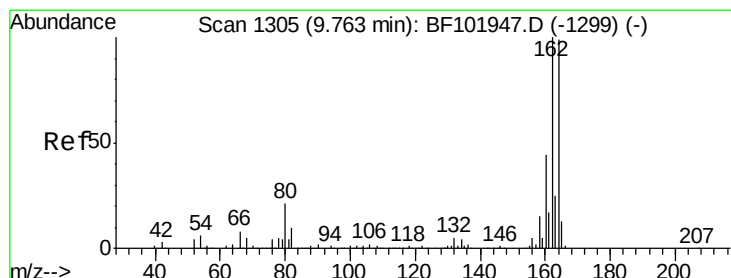
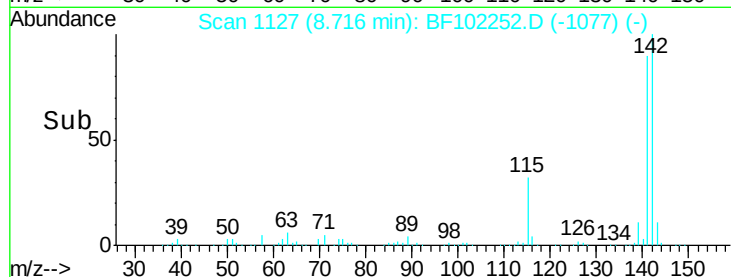
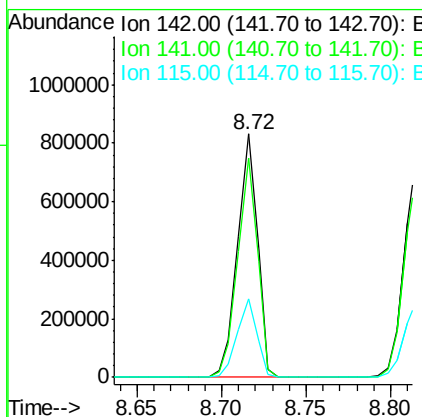
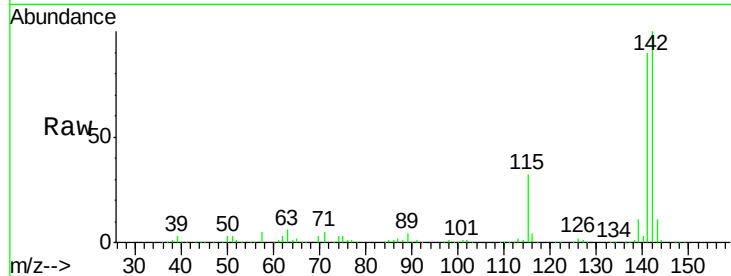




#37
2-Methylnaphthalene
Concen: 40.38 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

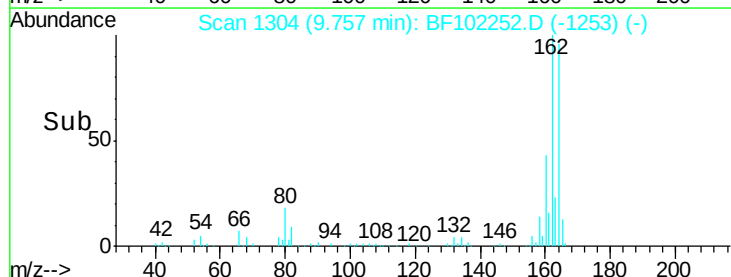
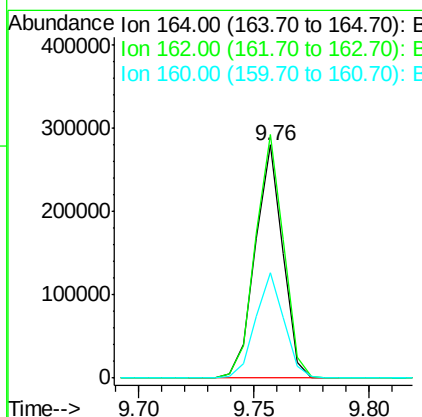
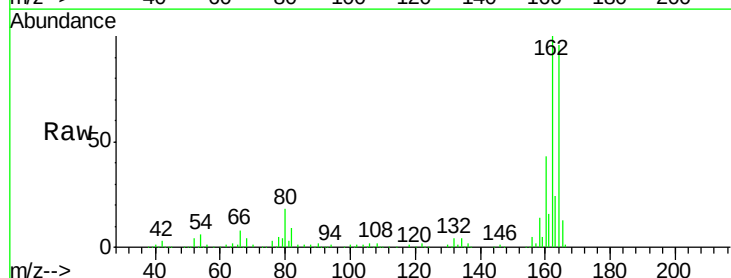
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

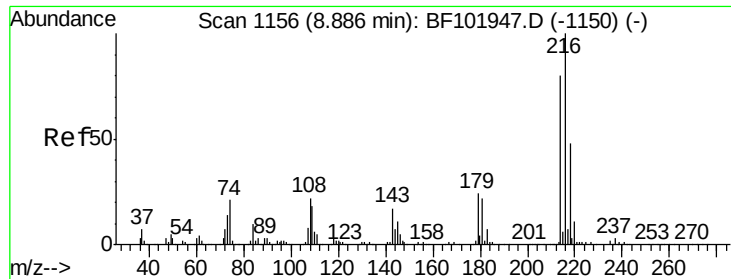
Tot Ion:142 Resp: 686352
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2
115 32.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion:164 Resp: 233770
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 45.4 38.3 57.5

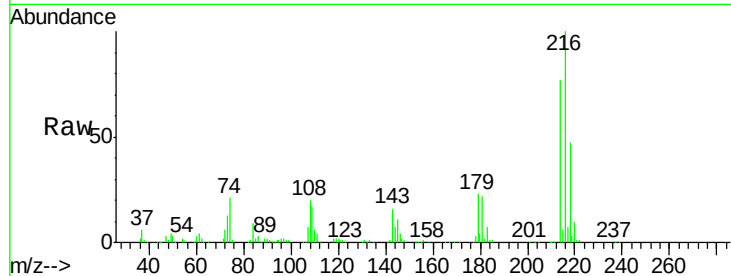




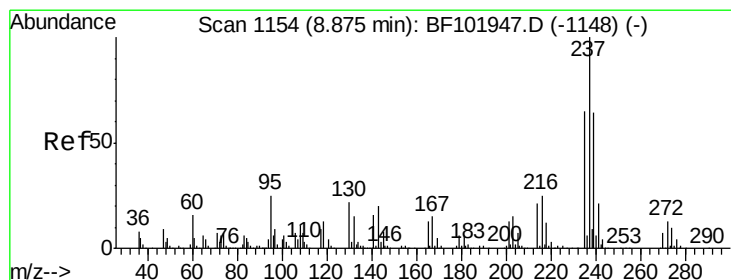
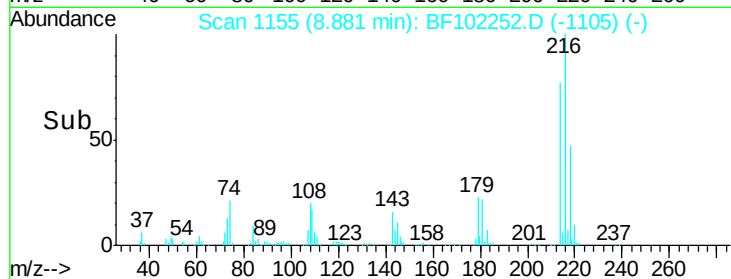
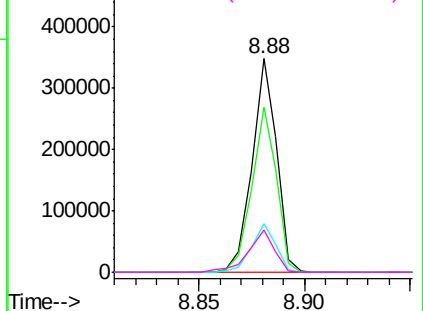
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.37 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	280205
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.0	94.4
179	22.4	18.1	27.1
108	21.1	17.2	25.8

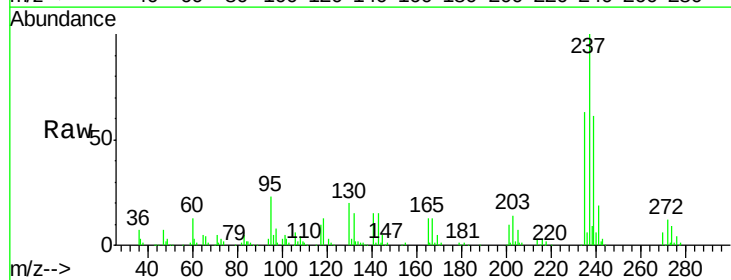


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

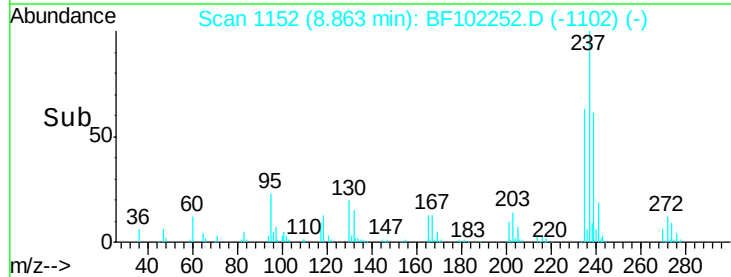
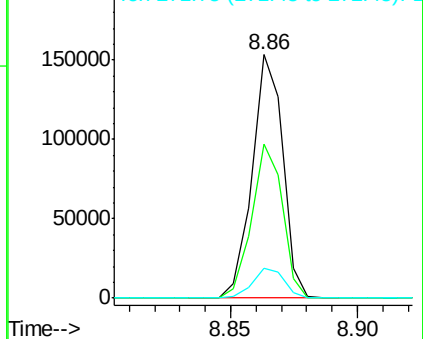


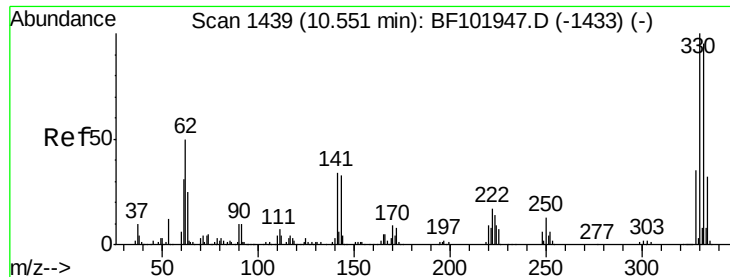
#40
 Hexachlorocyclopentadiene
 Concen: 35.72 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion:	237	Resp:	129203
Ion Ratio	Lower	Upper	
237	100		
235	63.0	44.8	84.8
272	12.2	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

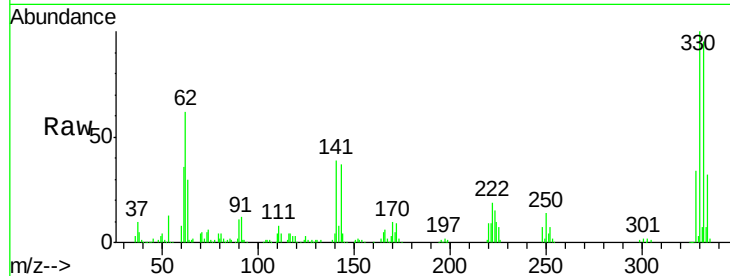




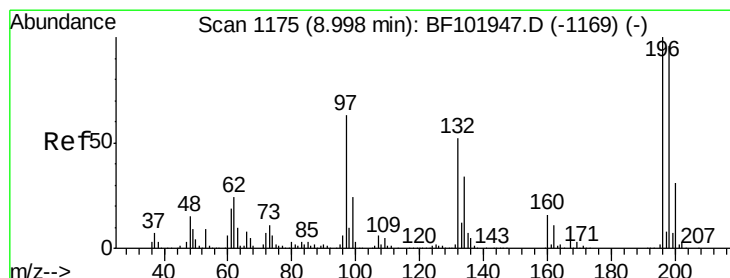
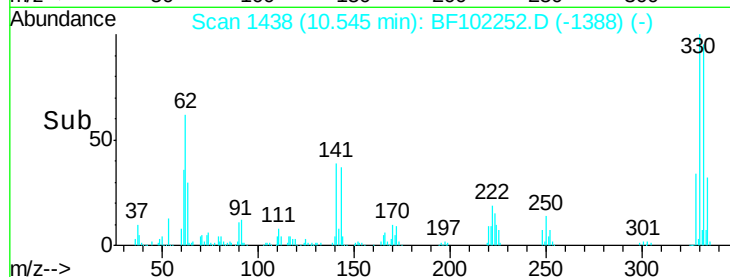
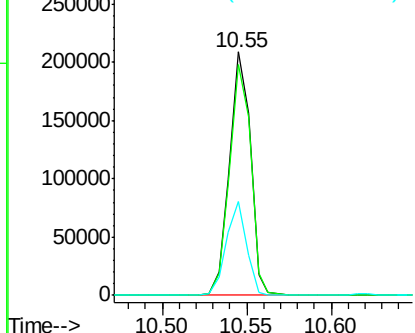
#41
 2,4,6-Tribromophenol
 Concen: 88.62 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 180802
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 37.7 29.9 44.9

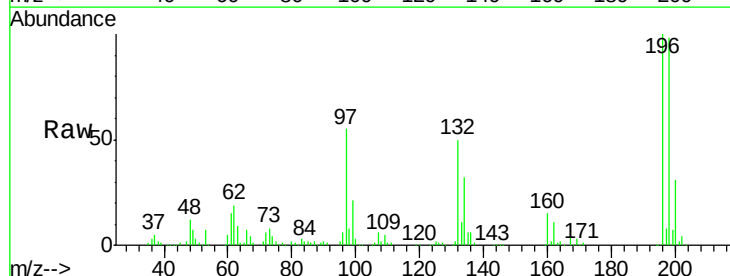


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

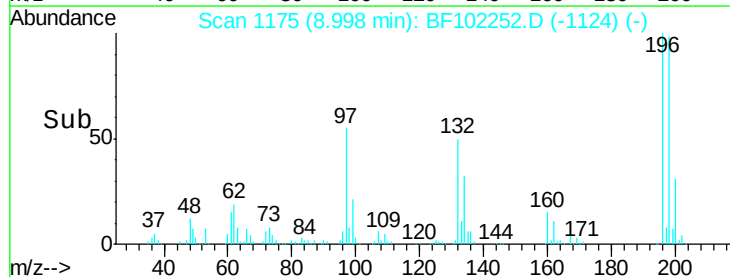
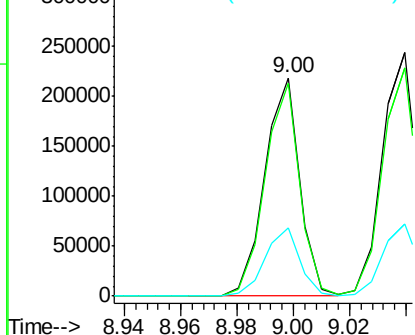


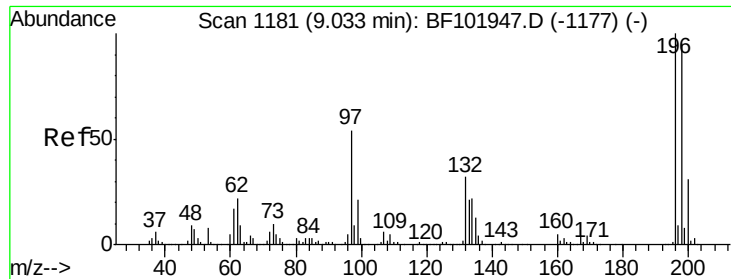
#42
 2,4,6-Trichlorophenol
 Concen: 41.29 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion:196 Resp: 188158
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.7 113.5
 200 31.2 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

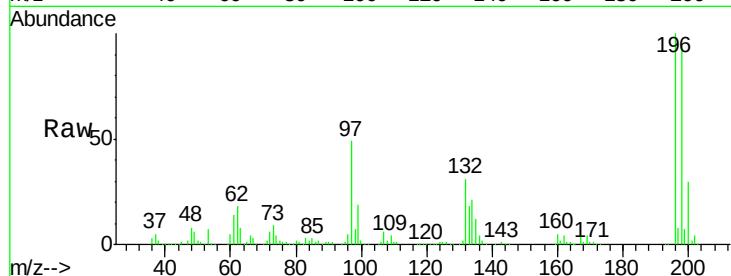




#43
 2,4,5-Trichlorophenol
 Concen: 41.92 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.6	112.0
97	49.0	42.9	64.3
132	31.1	26.3	39.5



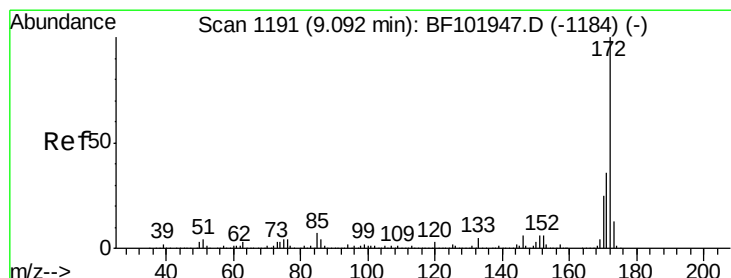
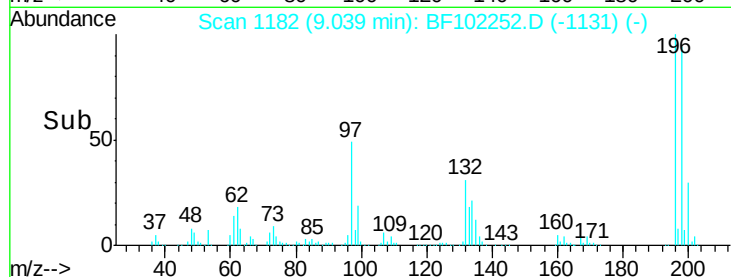
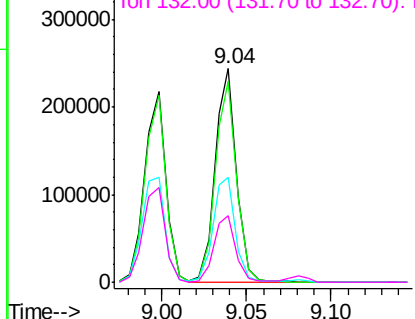
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

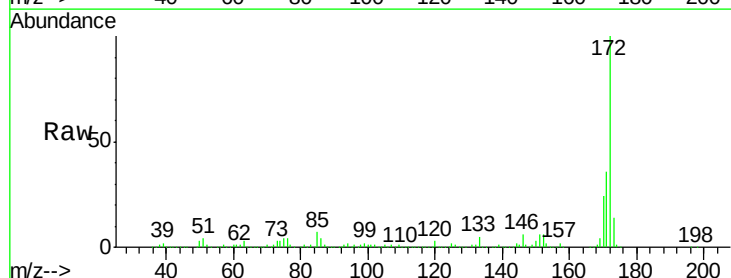
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.77 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

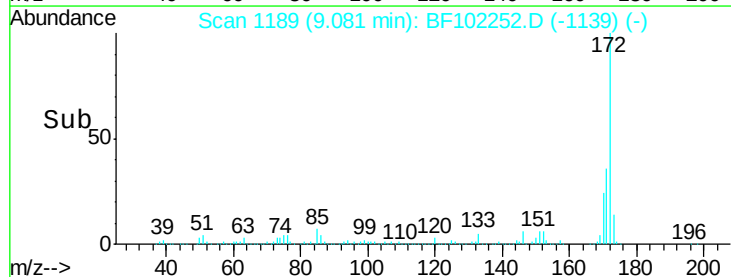
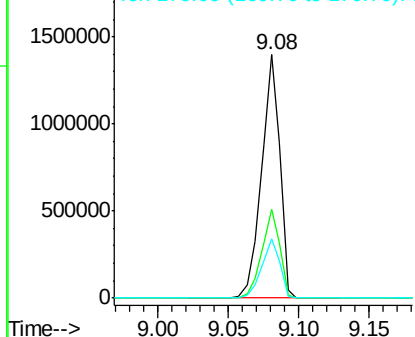


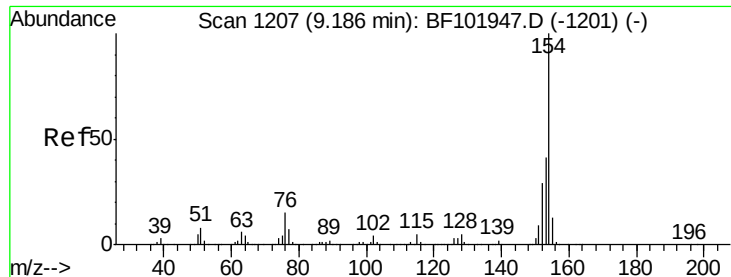
Abundance

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: 39.94 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

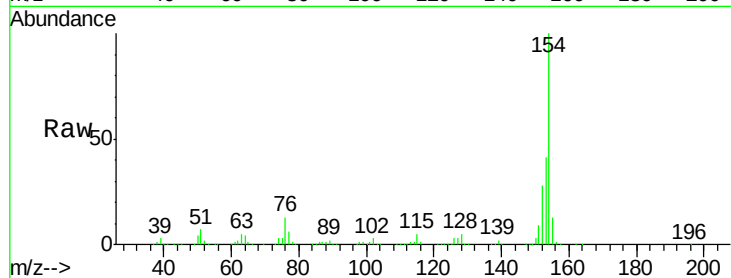
Tot Ion:154 Resp: 825251

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

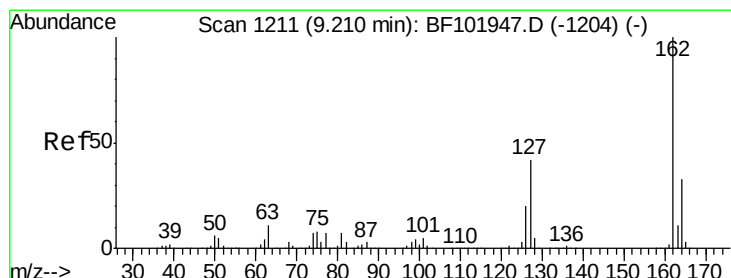
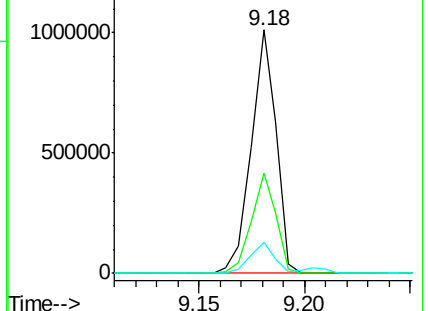
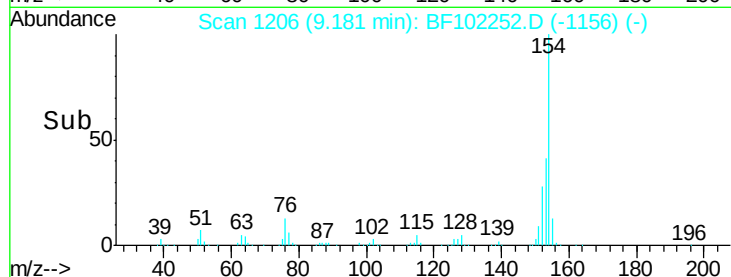
76 12.8 0.0 34.0



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: 40.68 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

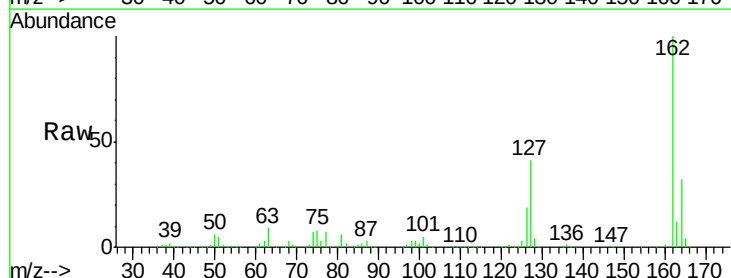
Tgt Ion:162 Resp: 651847

Ion Ratio Lower Upper

162 100

127 41.1 33.9 50.9

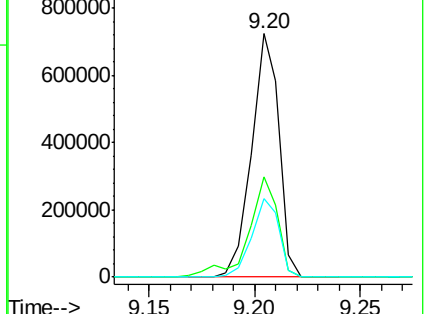
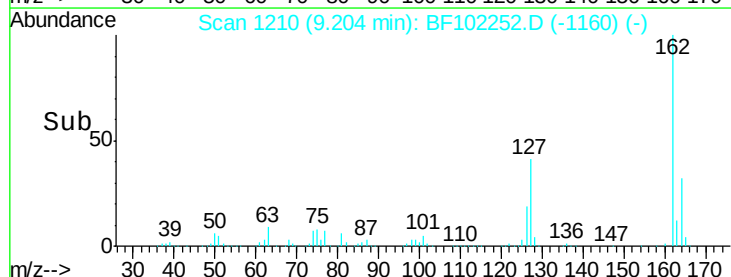
164 32.2 26.5 39.7

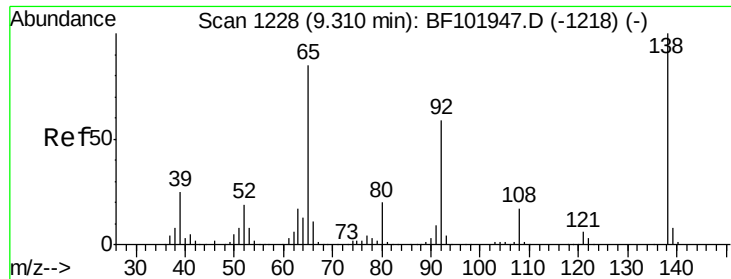


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

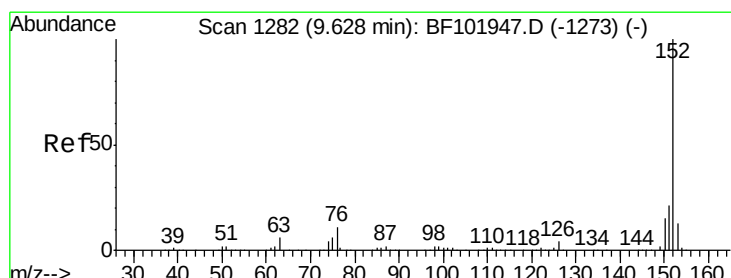
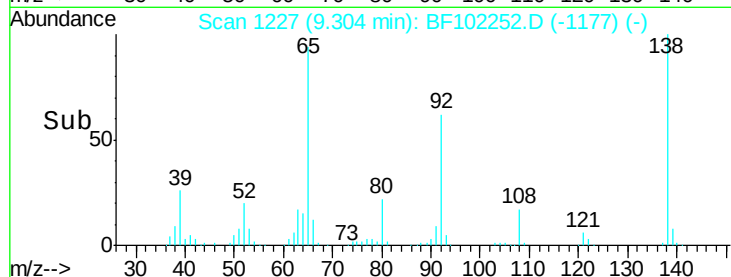
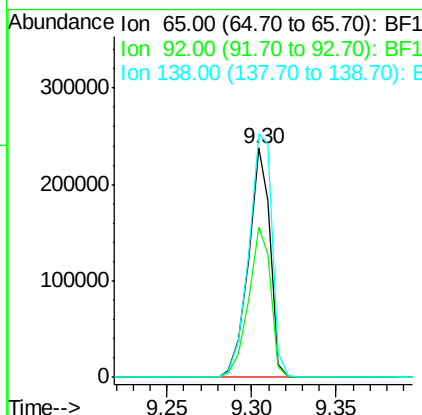
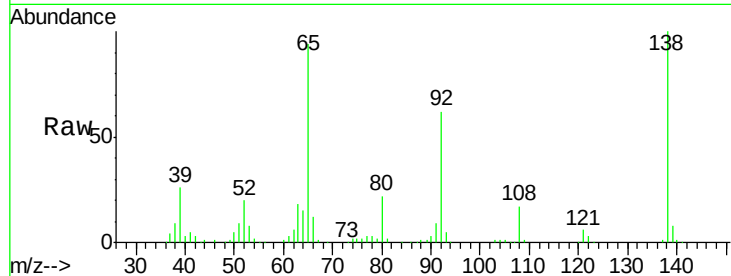




#47
2-Nitroaniline
Concen: 44.61 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

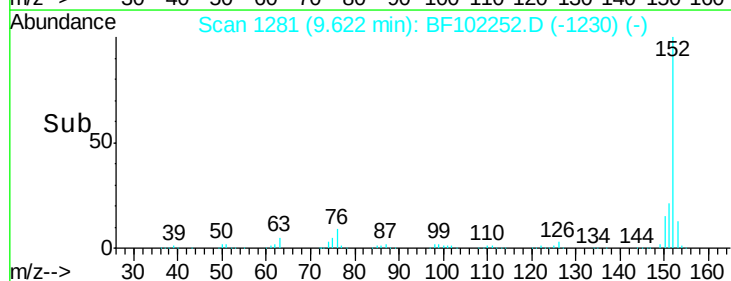
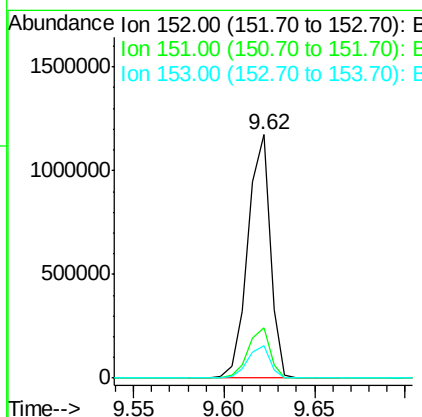
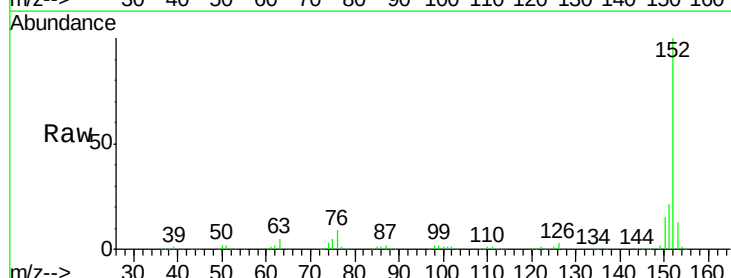
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

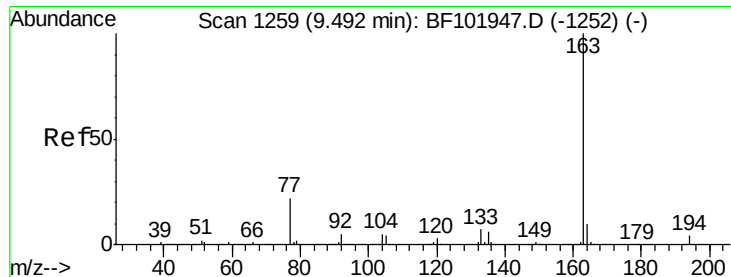
Tot Ion: 65 Resp: 214101
Ion Ratio Lower Upper
65 100
92 65.5 55.8 83.6
138 106.2 91.2 136.8



#48
Acenaphthylene
Concen: 39.70 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion: 152 Resp: 1009519
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.1 10.7 16.1

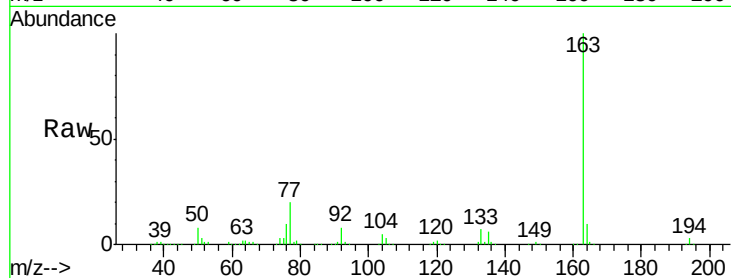




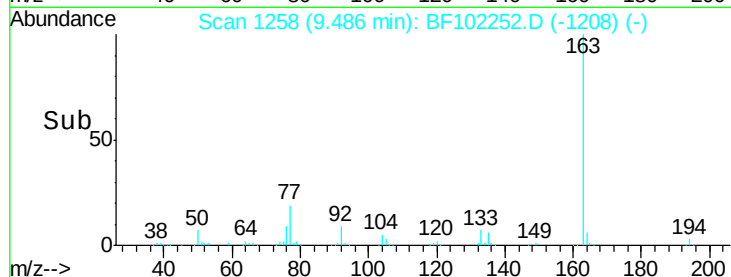
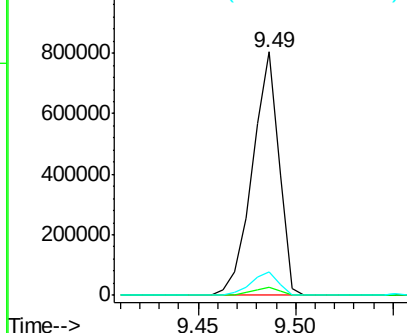
#49
Dimethylphthalate
Concen: 40.39 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 757506
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 8.2 12.2

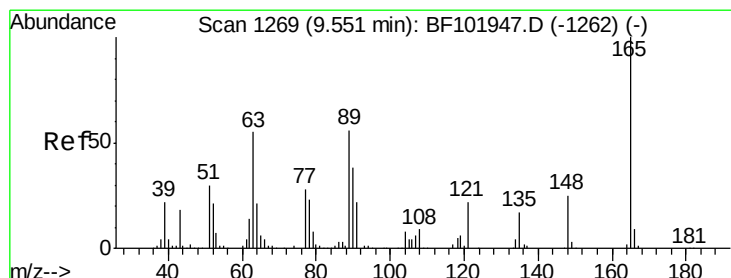


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

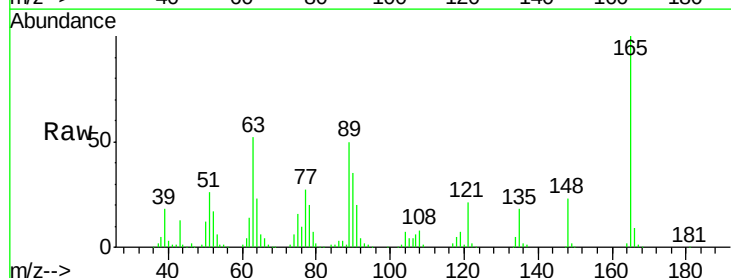
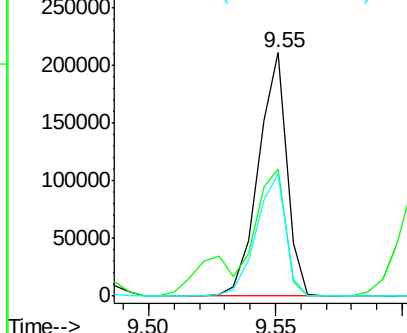


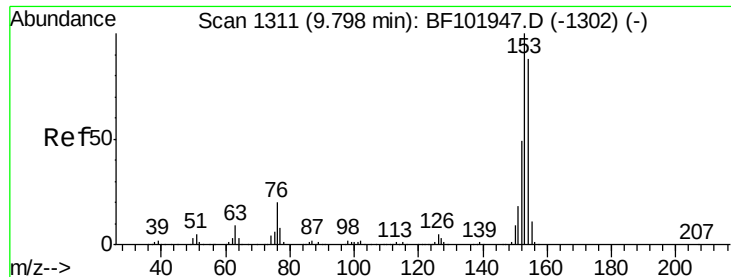
#50
2,6-Dinitrotoluene
Concen: 44.01 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion:165 Resp: 164870
Ion Ratio Lower Upper
165 100
63 52.5 44.7 67.1
89 50.1 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: 38.35 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

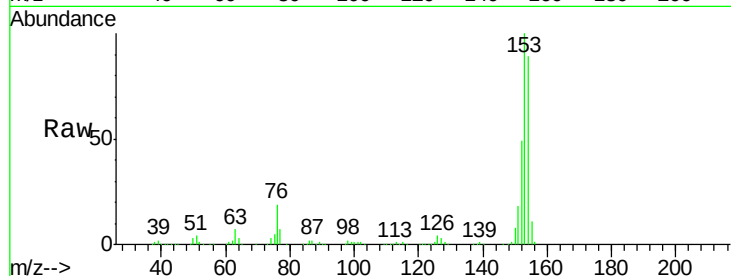
Tot Ion:154 Resp: 591861

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

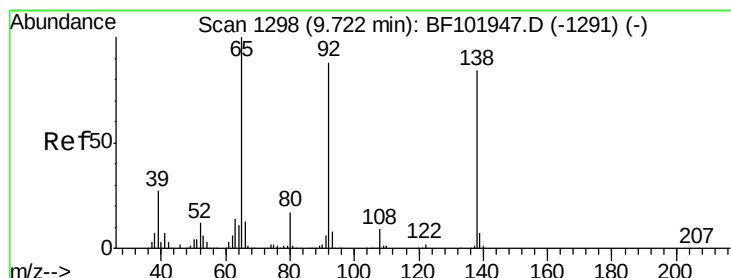
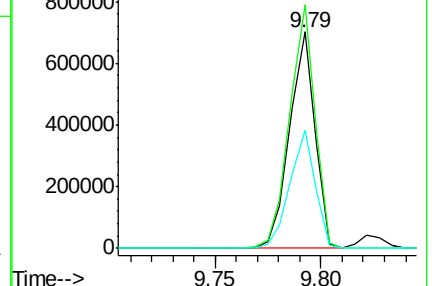
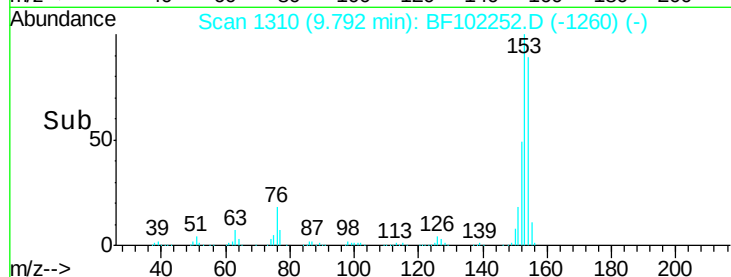
152 54.8 43.8 65.8



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: 43.15 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

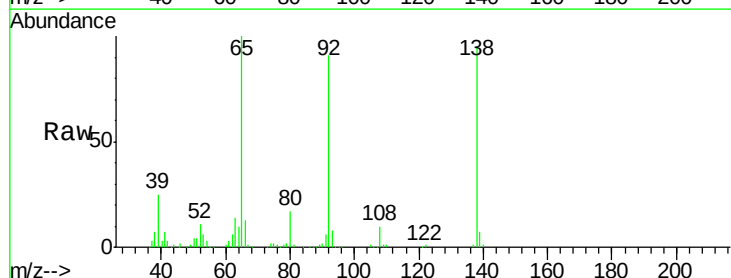
Tgt Ion:138 Resp: 203984

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

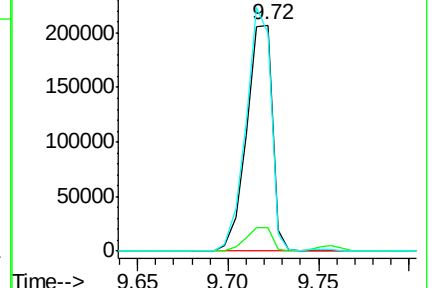
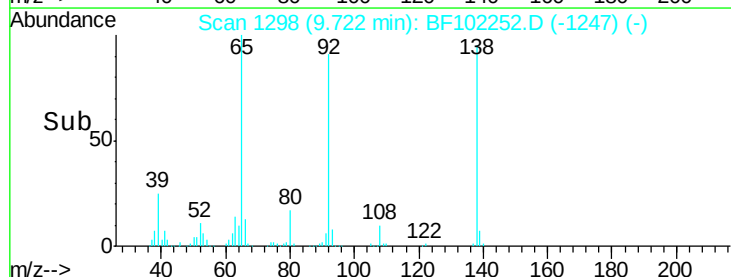
92 96.3 89.4 134.2

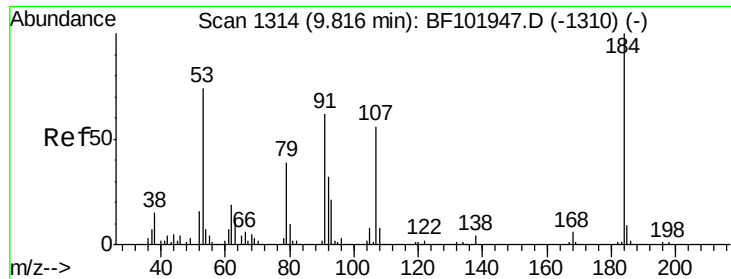


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

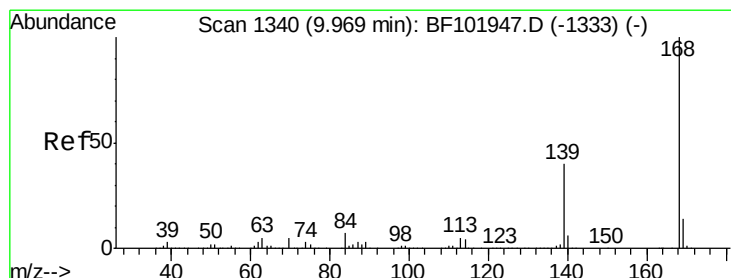
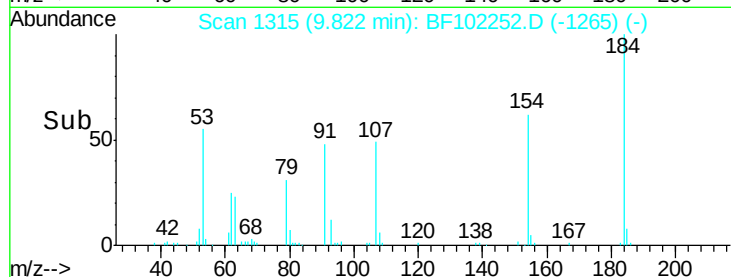
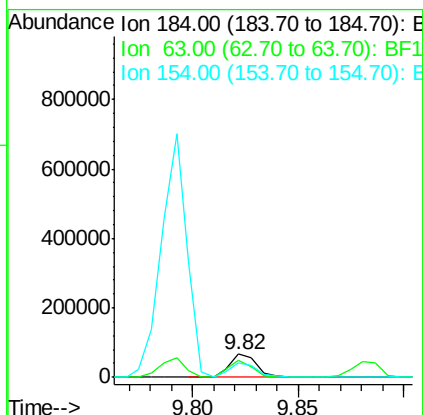
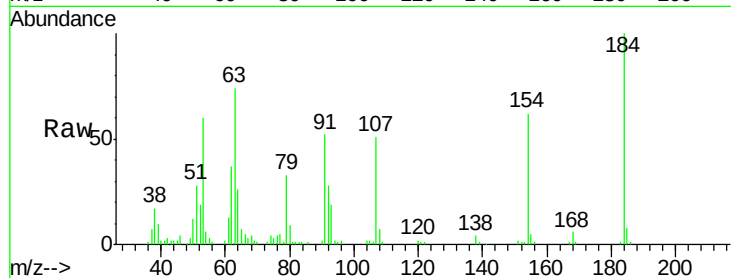




#53
2,4-Dinitrophenol
Concen: 47.08 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

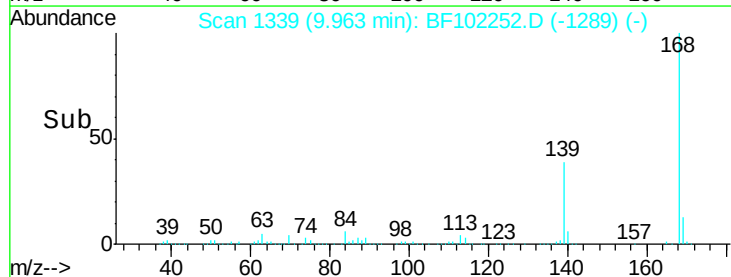
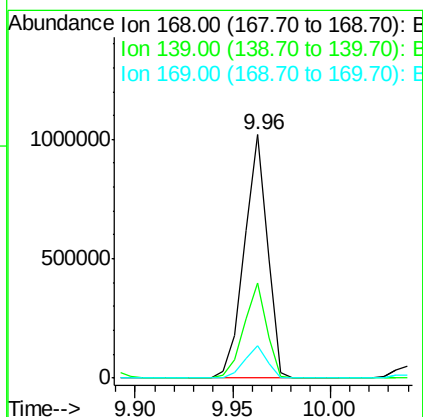
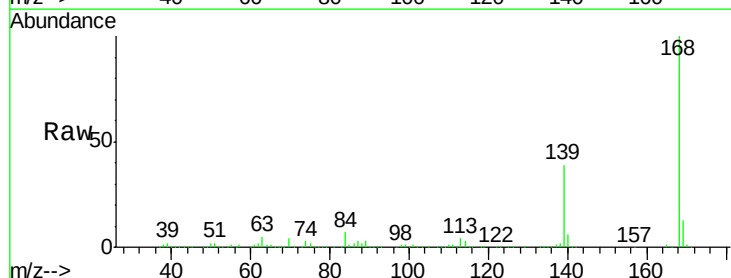
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

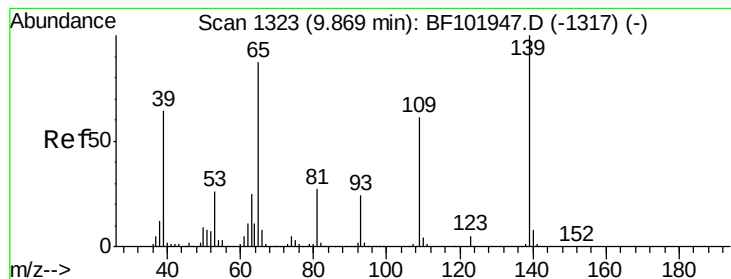
Tot Ion:184 Resp: 61671
Ion Ratio Lower Upper
184 100
63 74.1 54.2 81.2
154 62.1 184.0 276.0#



#54
Dibenzofuran
Concen: 39.37 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion:168 Resp: 833927
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.4 10.9 16.3





#55

4-Nitrophenol

Concen: 46.36 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

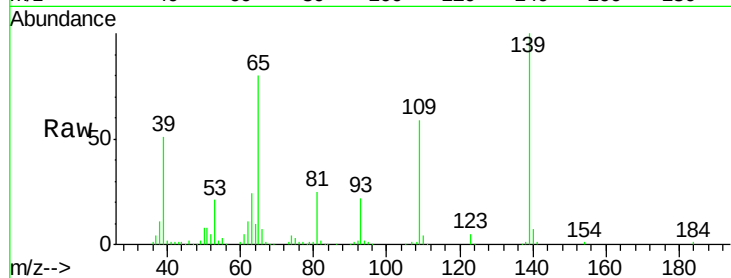
Tot Ion:139 Resp: 163338

Ion Ratio Lower Upper

139 100

109 59.0 48.4 88.4

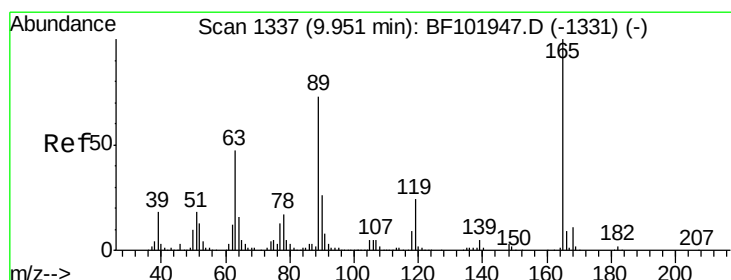
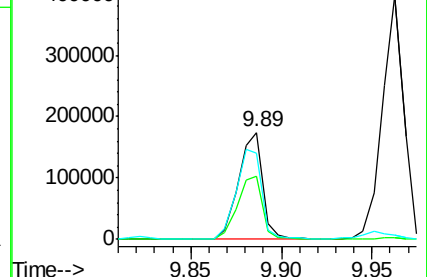
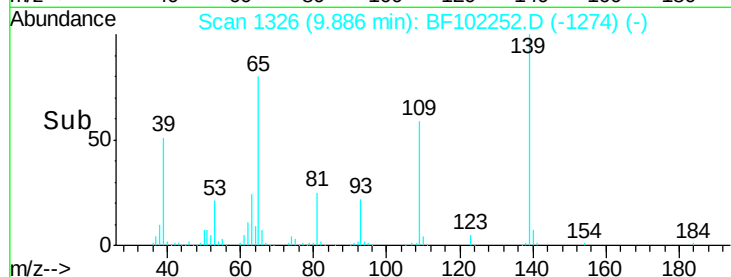
65 80.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 45.10 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Tgt Ion:165 Resp: 211757

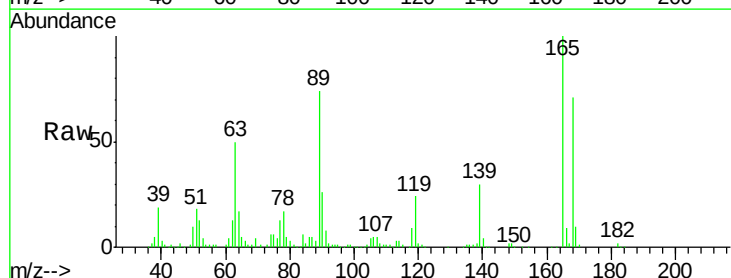
Ion Ratio Lower Upper

165 100

63 49.8 36.4 54.6

89 74.0 57.8 86.6

182 2.3 1.6 2.4

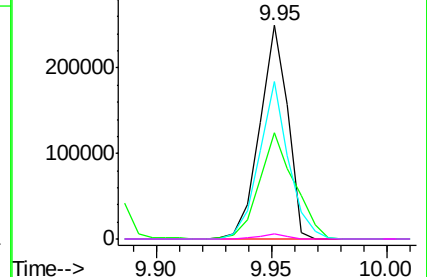
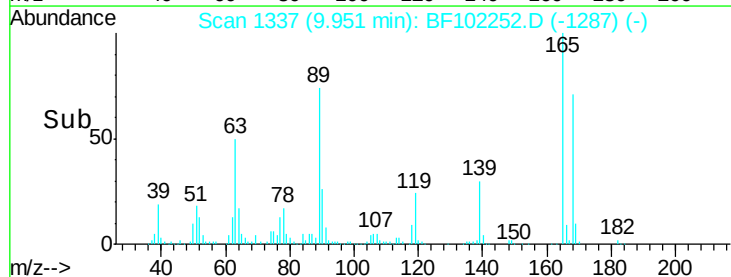


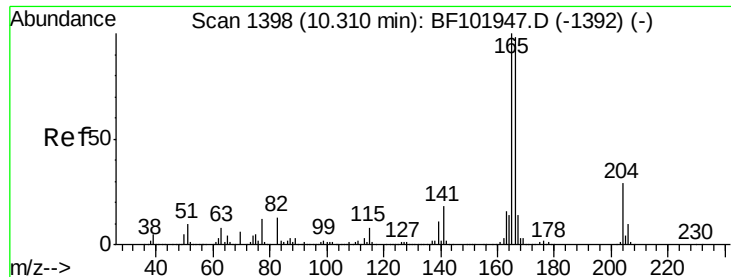
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.49 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

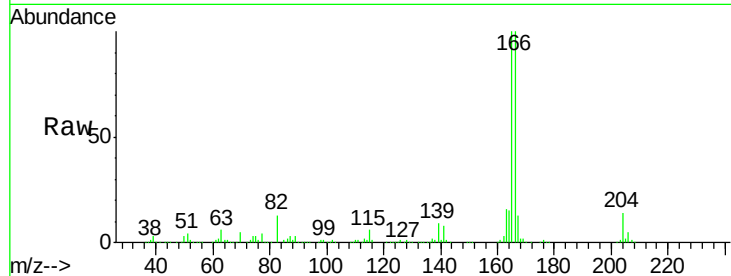
Tot Ion:166 Resp: 651406

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

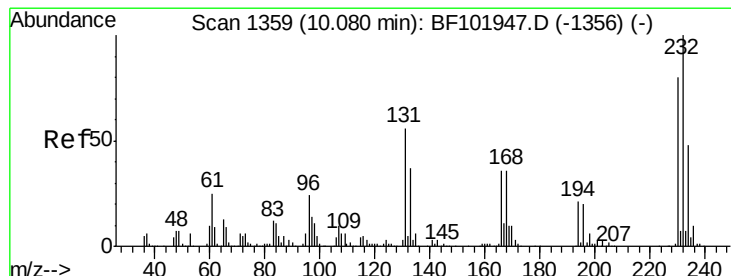
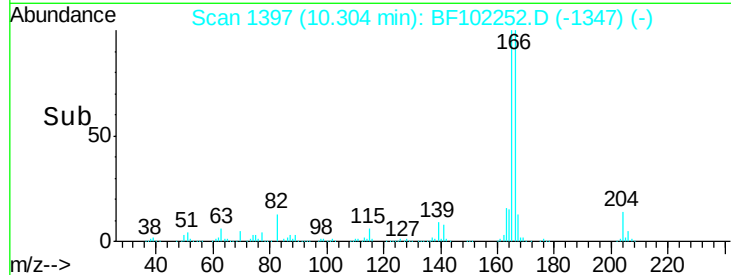
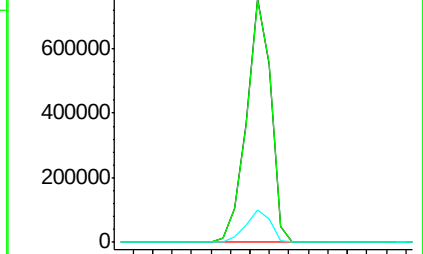
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.62 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Tgt Ion:232 Resp: 148968

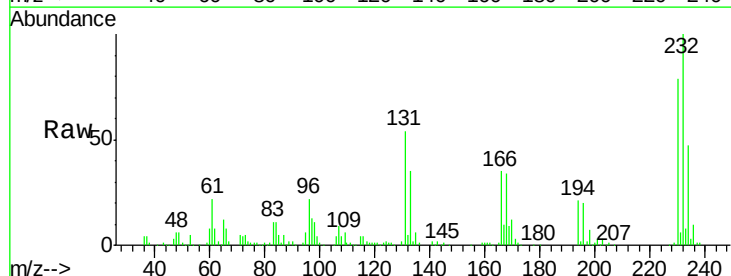
Ion Ratio Lower Upper

232 100

131 52.6 43.8 65.8

130 2.5 2.1 3.1

166 34.5 27.8 41.6

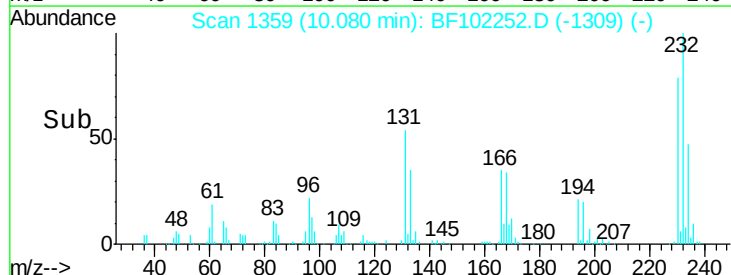
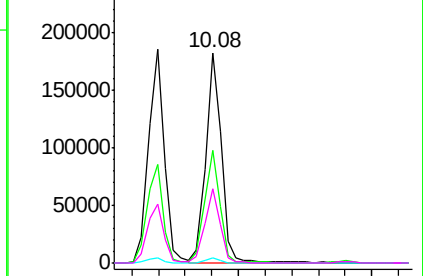


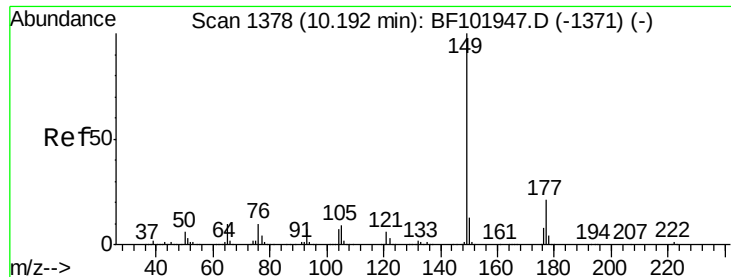
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

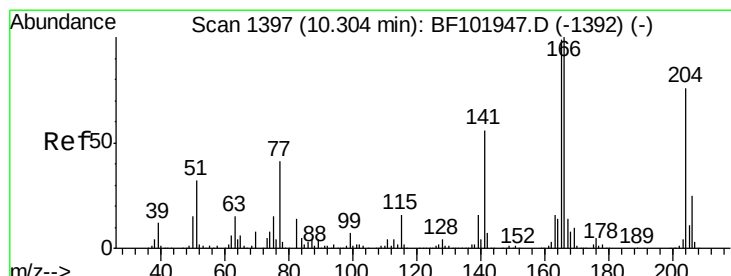
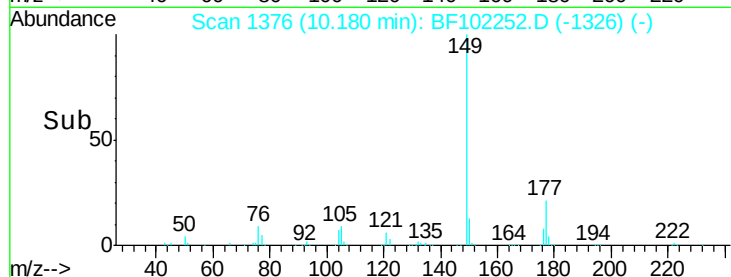
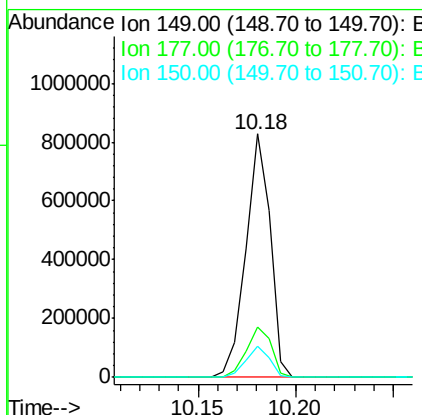
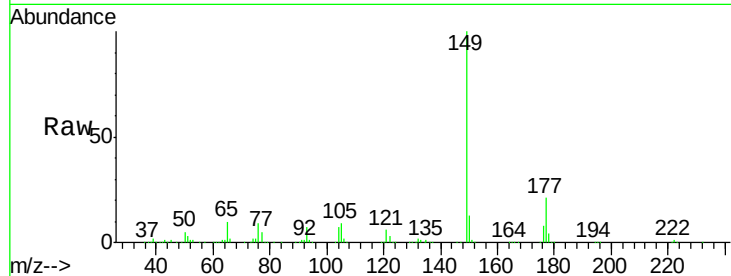




#59
Diethylphthalate
Concen: 38.36 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

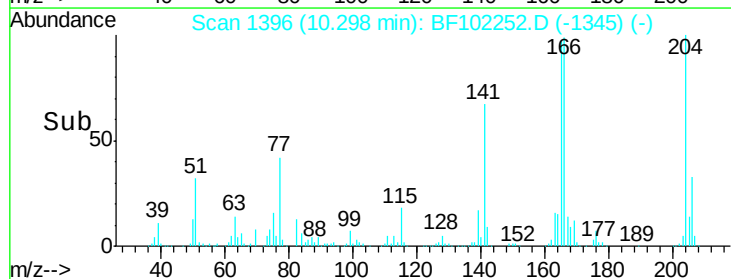
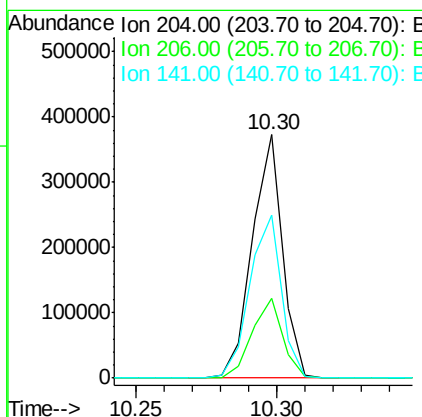
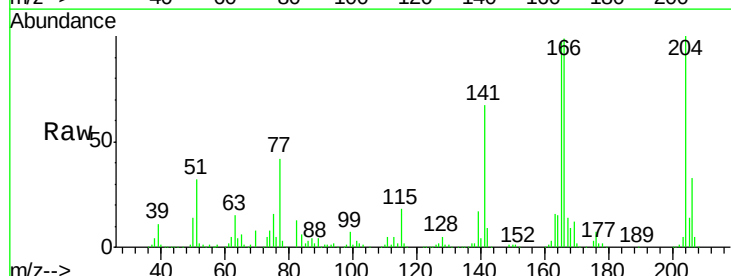
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

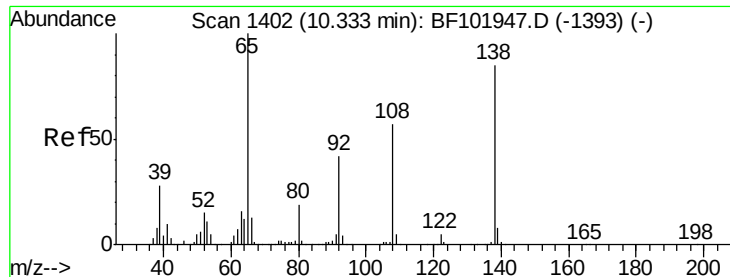
Tot Ion:149 Resp: 715577
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.42 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion:204 Resp: 276956
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 66.8 54.6 81.8

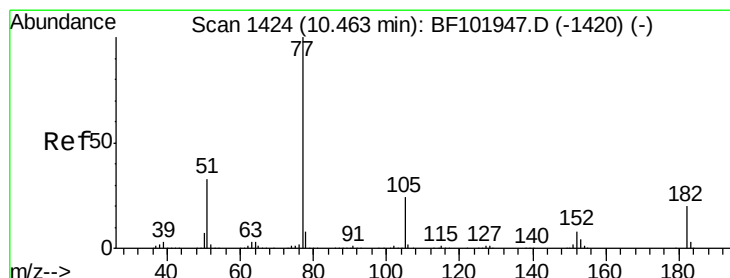
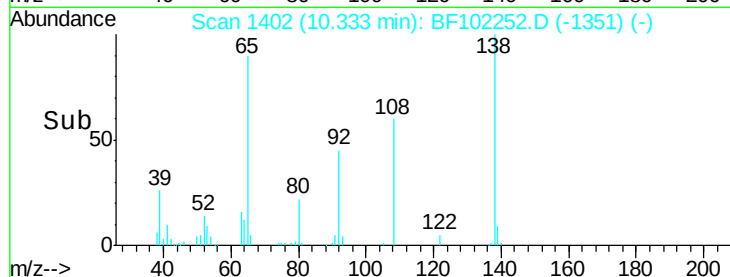
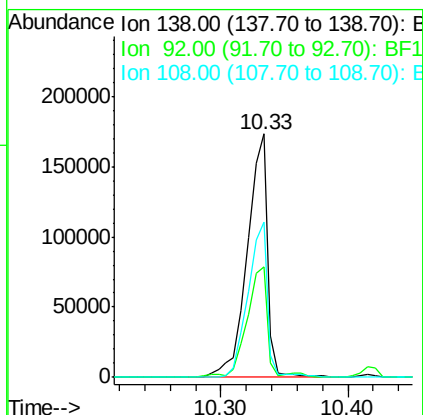
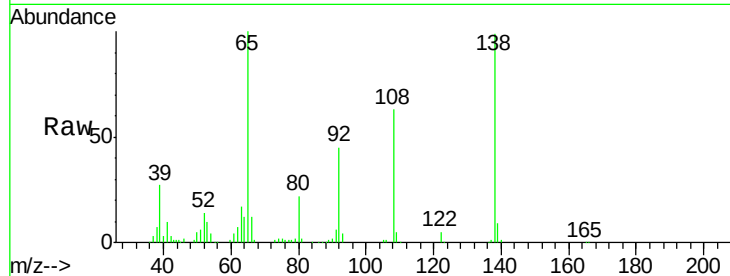




#61
4-Nitroaniline
Concen: 43.10 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

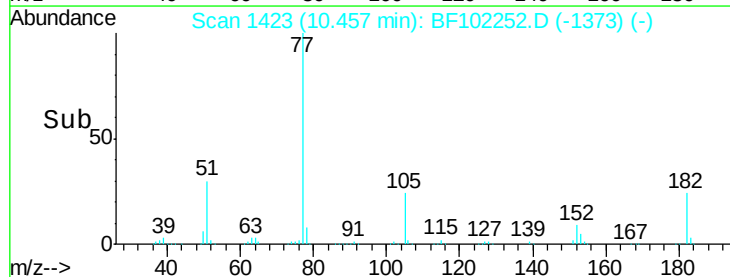
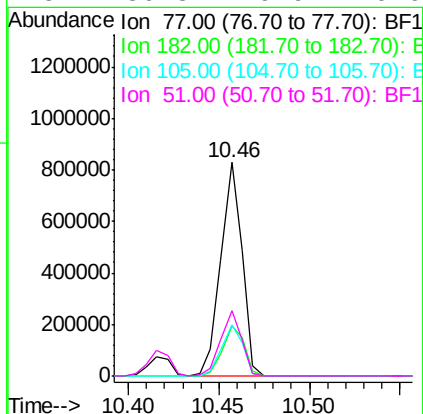
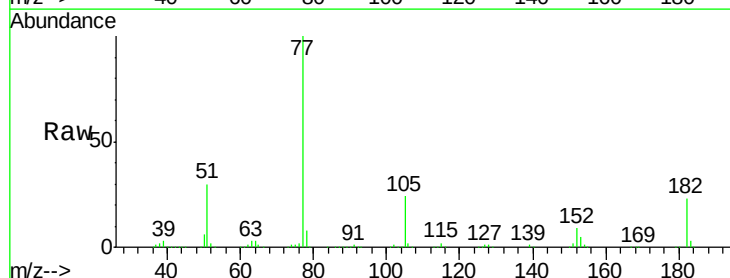
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

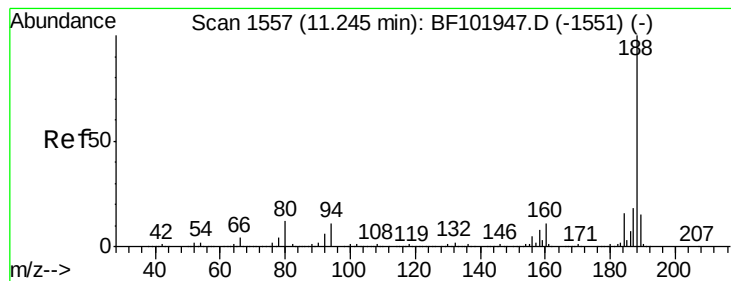
Tot Ion:138 Resp: 193383
Ion Ratio Lower Upper
138 100
92 45.3 30.2 70.2
108 63.5 52.5 92.5



#62
Azobenzene
Concen: 36.63 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion: 77 Resp: 679770
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 23.7 3.0 43.0
51 30.3 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

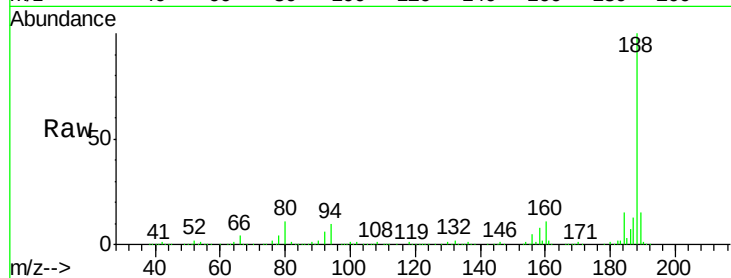
Tot Ion:188 Resp: 400043

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

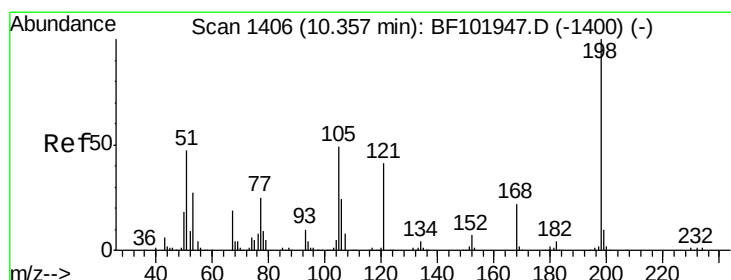
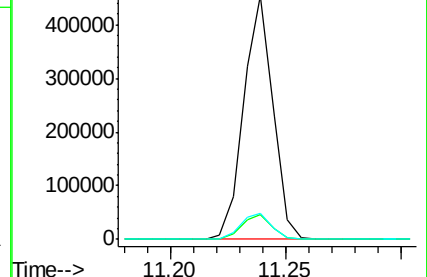
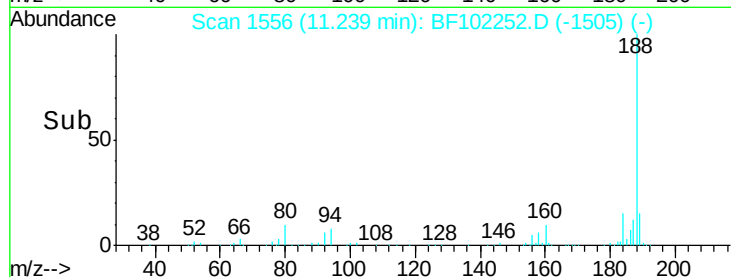
80 10.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 45.25 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

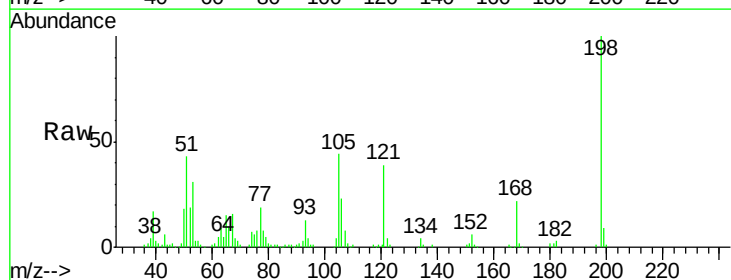
Tgt Ion:198 Resp: 97506

Ion Ratio Lower Upper

198 100

51 43.1 37.7 77.7

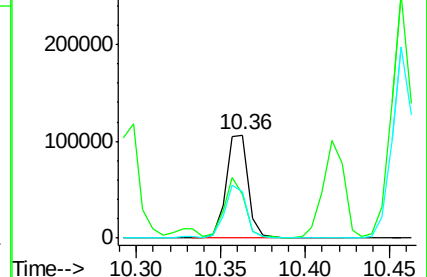
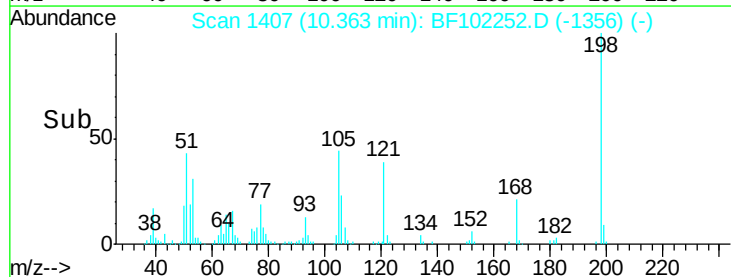
105 44.5 36.3 76.3

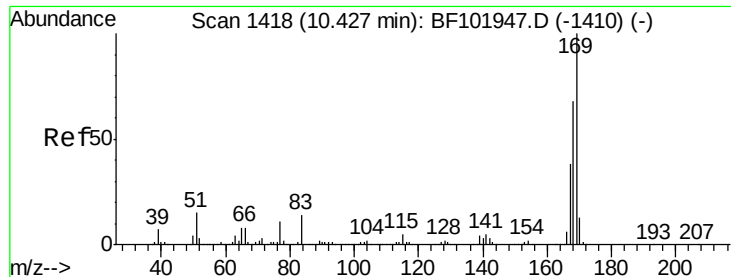


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

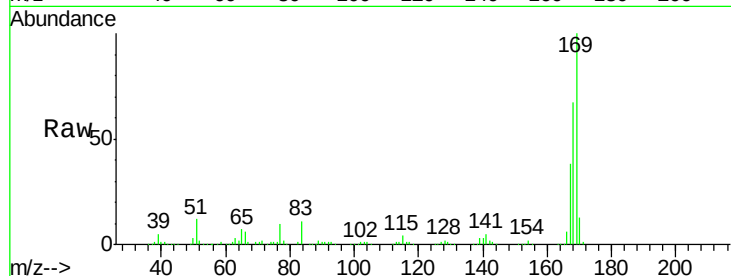




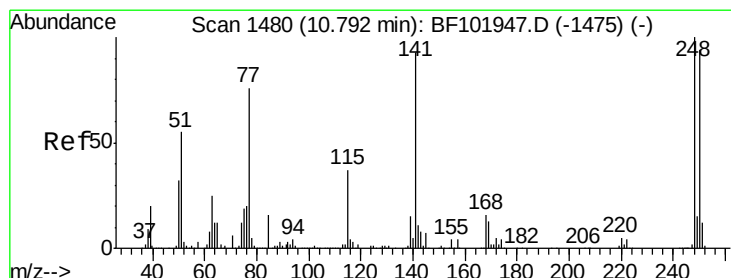
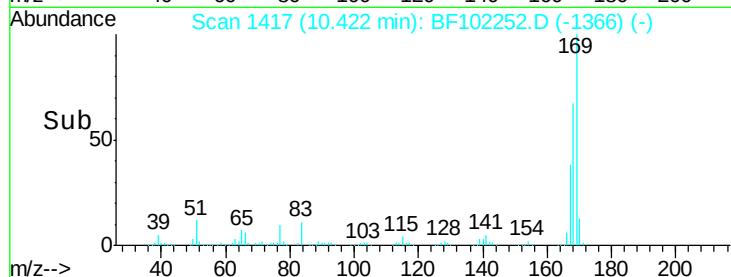
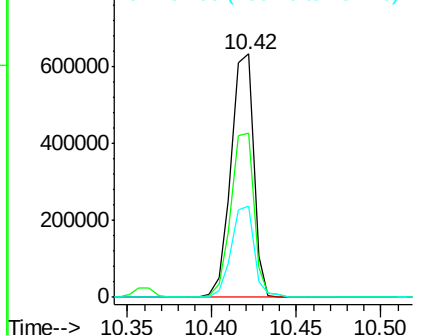
#65
 n-Nitrosodiphenylamine
 Concen: 39.26 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 588176
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 37.6 29.8 44.6

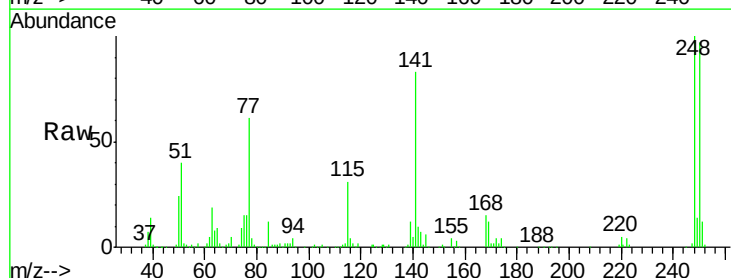


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

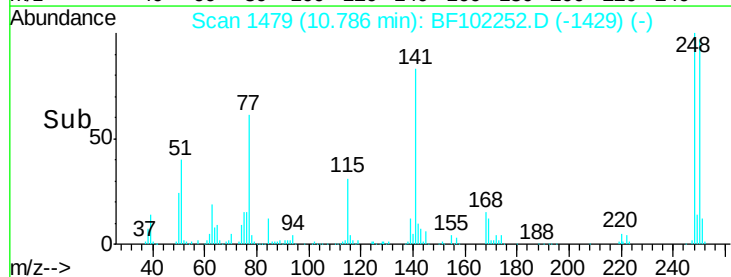
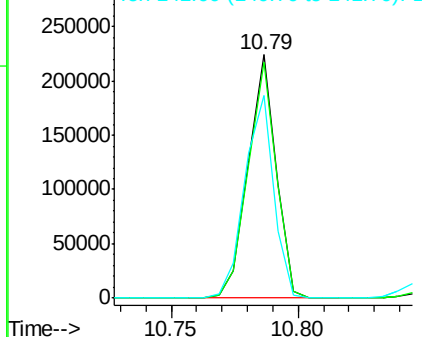


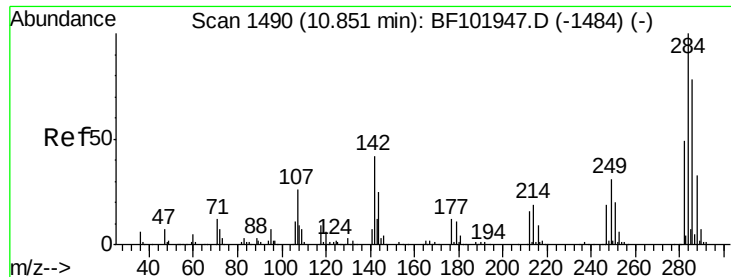
#66
 4-Bromophenyl-phenylether
 Concen: 40.96 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion:248 Resp: 173027
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.9 115.3
 141 83.4 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

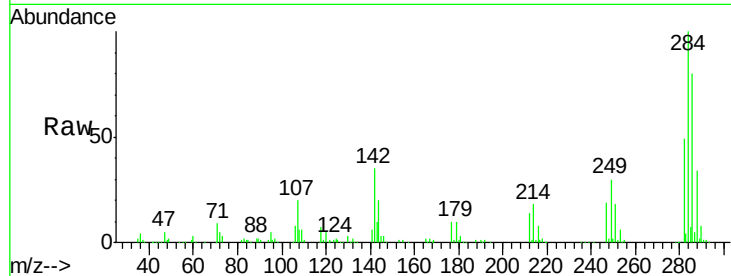




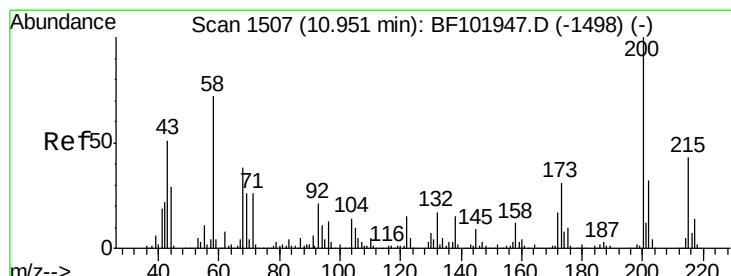
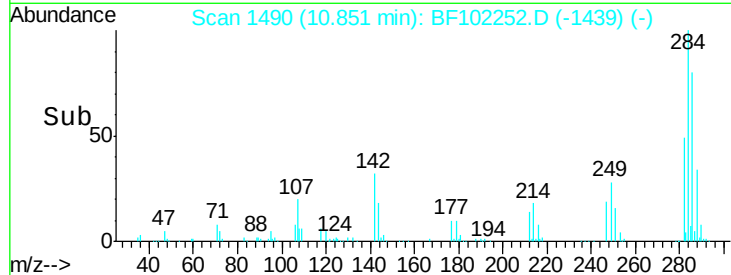
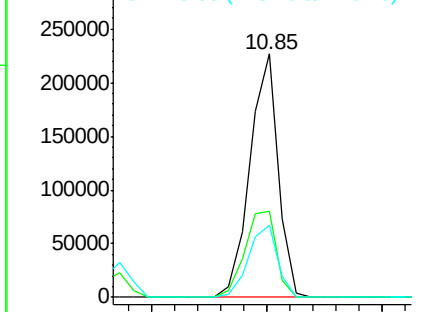
#67
Hexachlorobenzene
Concen: 41.99 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 193672
Ion Ratio Lower Upper
284 100
142 35.4 34.6 52.0
249 29.8 24.8 37.2

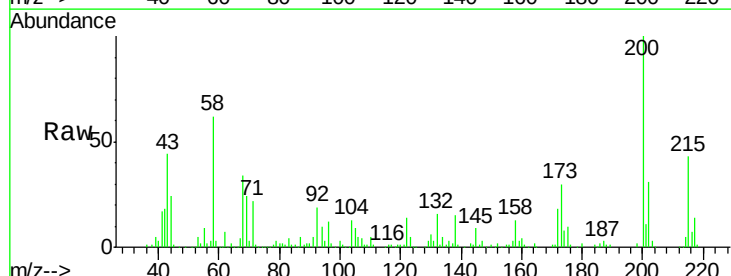


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

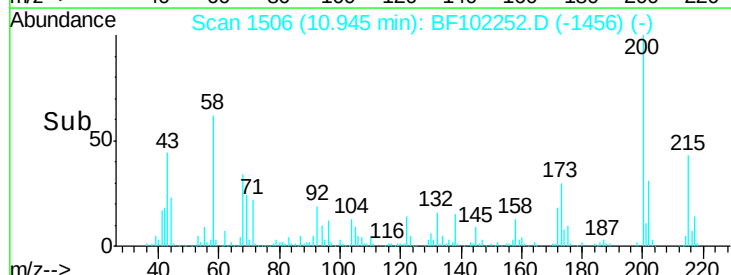
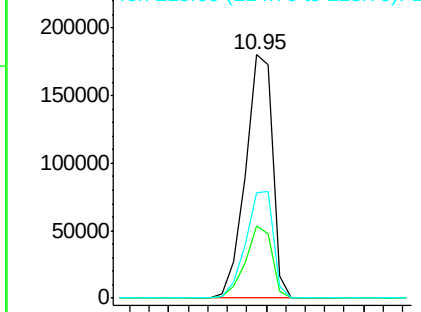


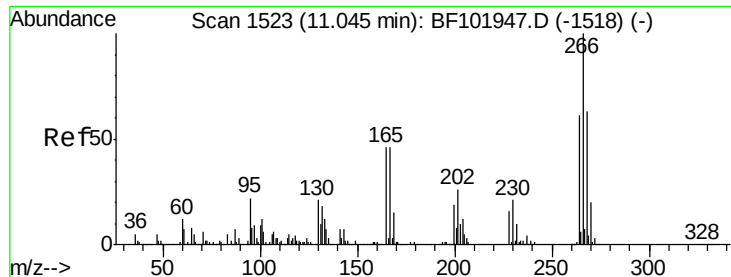
#68
Atrazine
Concen: 40.09 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion:200 Resp: 173536
Ion Ratio Lower Upper
200 100
173 29.8 8.6 48.6
215 43.4 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

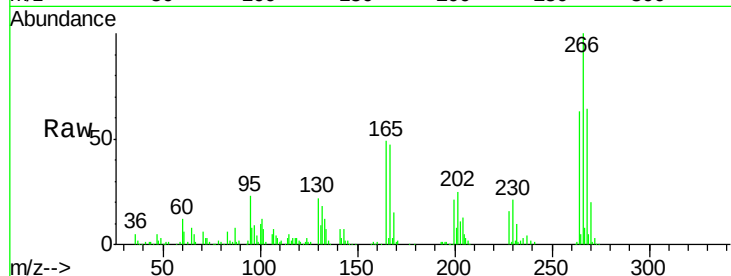




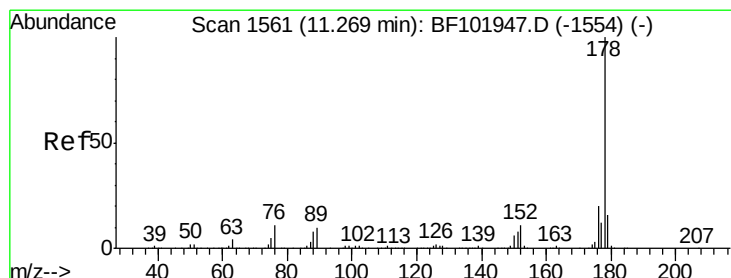
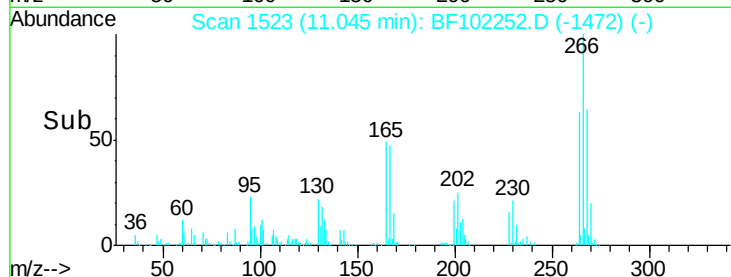
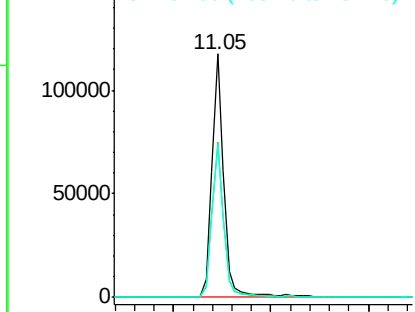
#69
 Pentachlorophenol
 Concen: 35.50 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	62.6	49.5	74.3

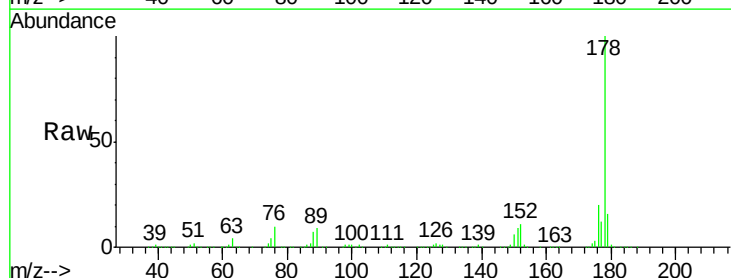


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

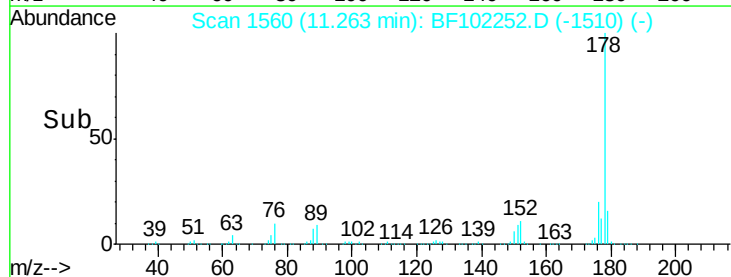
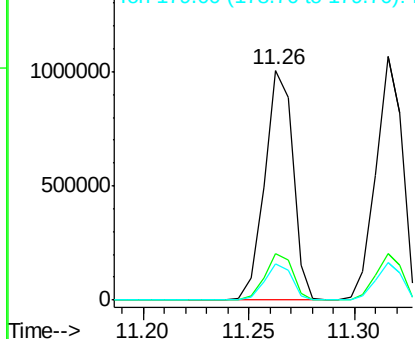


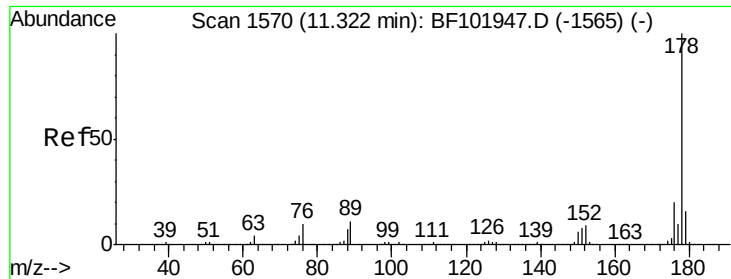
#70
 Phenanthrene
 Concen: 40.13 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.1	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

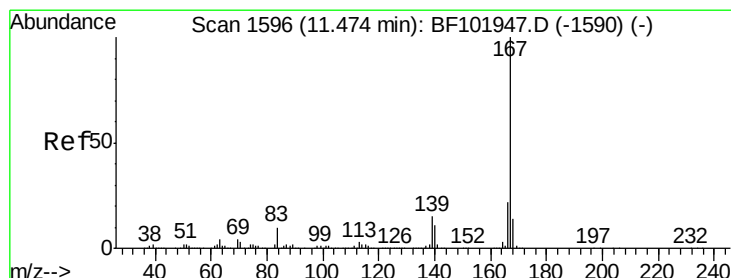
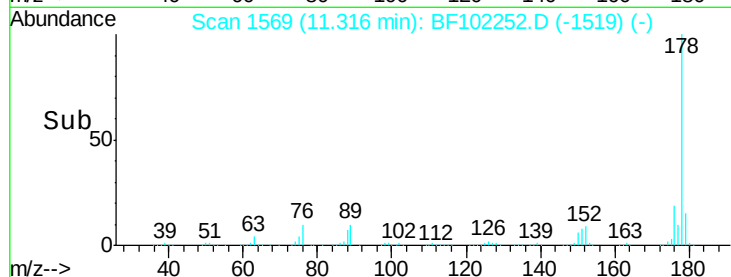
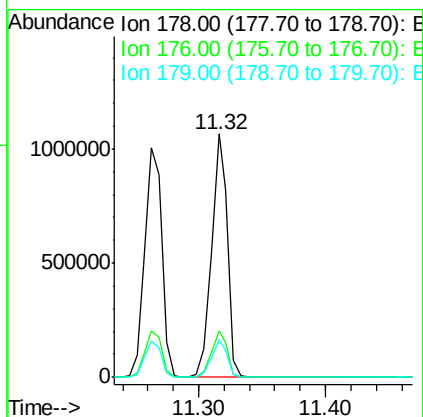
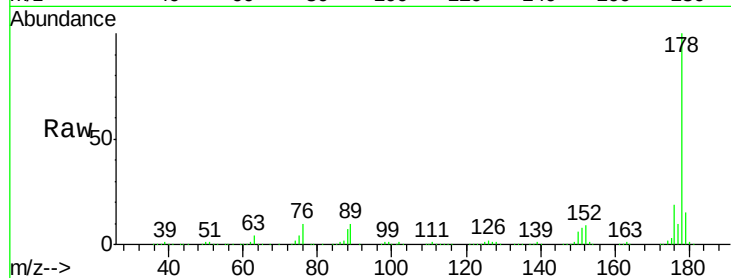




#71
 Anthracene
 Concen: 39.67 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

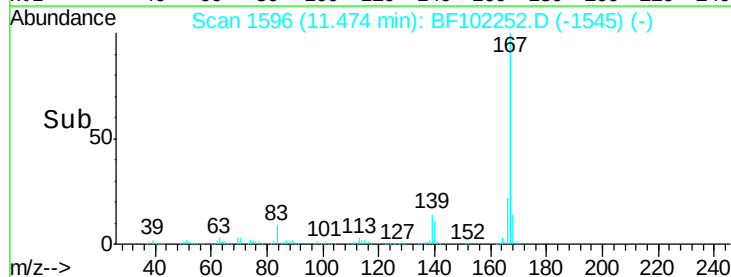
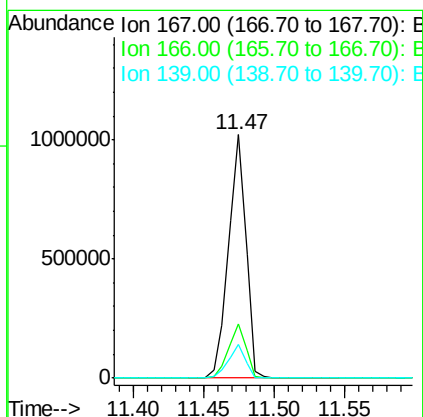
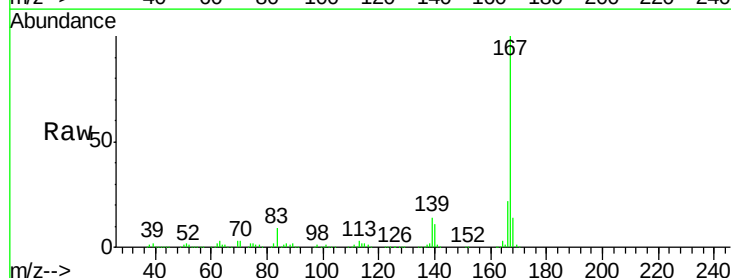
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

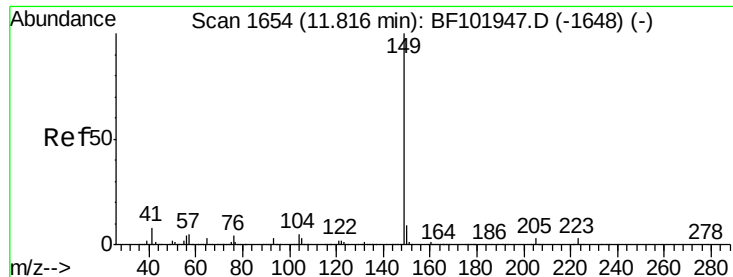
Tot Ion:178 Resp: 940163
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 38.01 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion:167 Resp: 885470
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.54 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

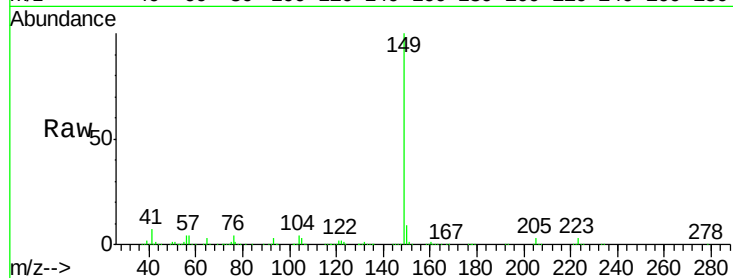
Tot Ion:149 Resp: 1101472

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

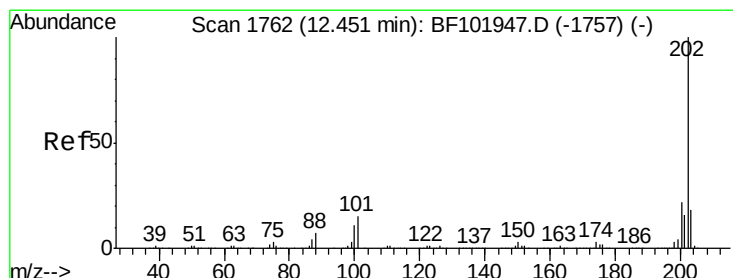
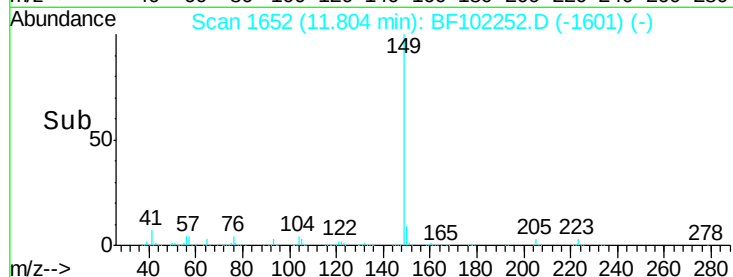
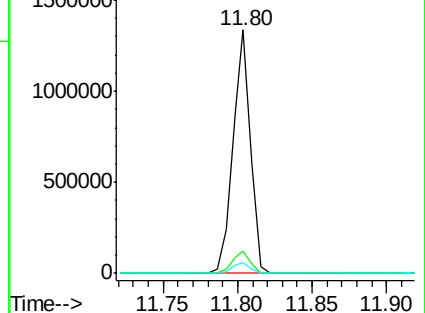
104 4.4 3.8 5.8



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: 38.78 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

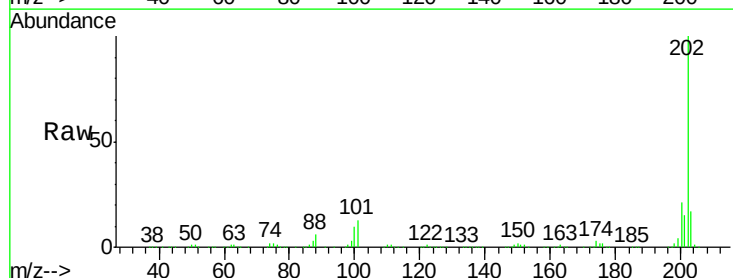
Tgt Ion:202 Resp: 891547

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

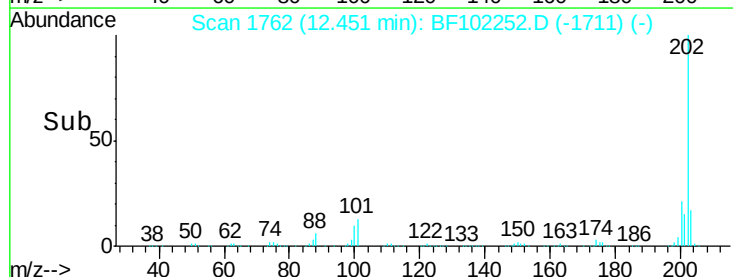
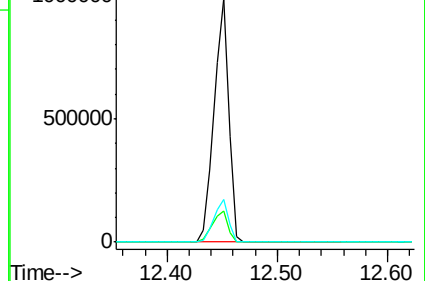
203 17.3 0.0 38.1

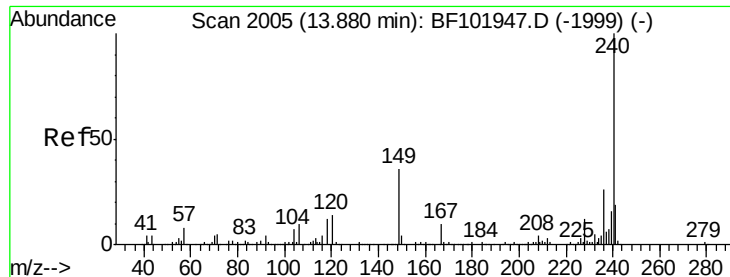


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

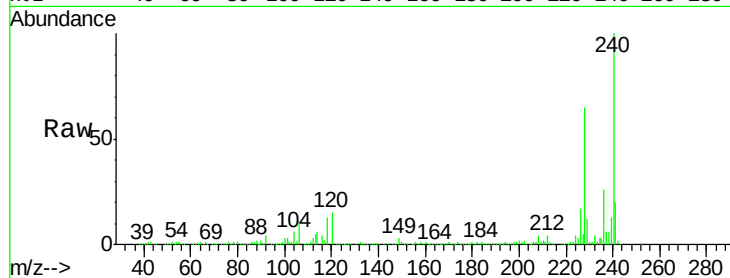
Tot Ion:240 Resp: 266425

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

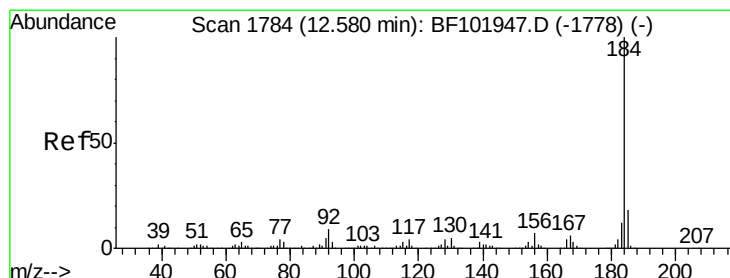
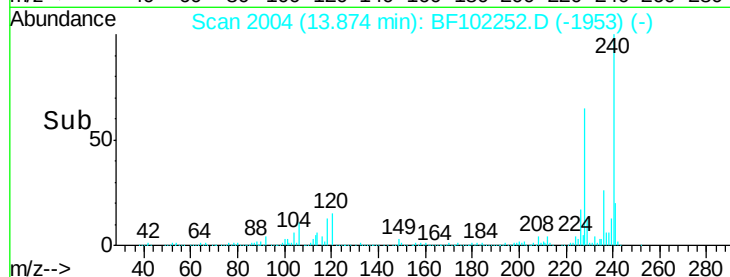
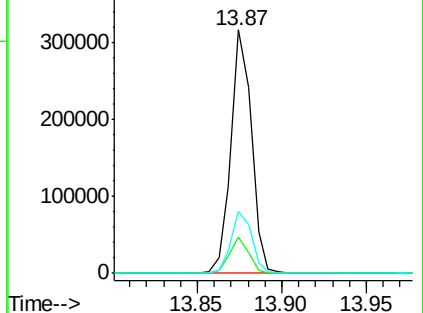
236 25.6 20.7 31.1



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: 21.54 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

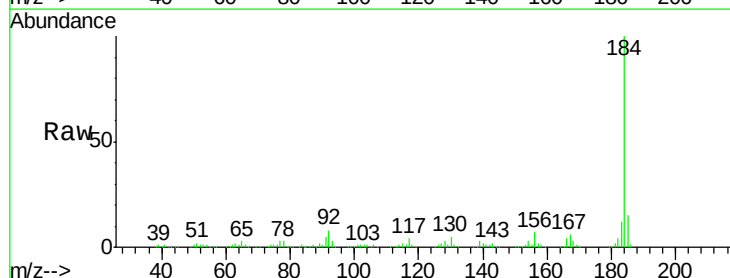
Tgt Ion:184 Resp: 277056

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

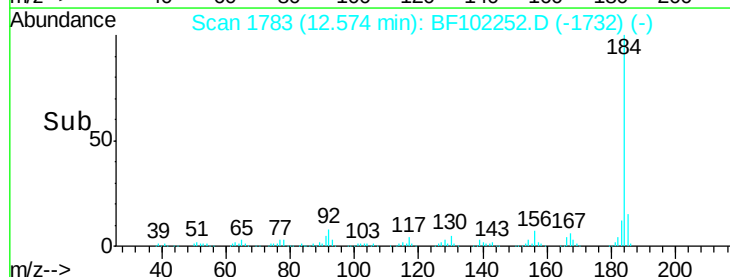
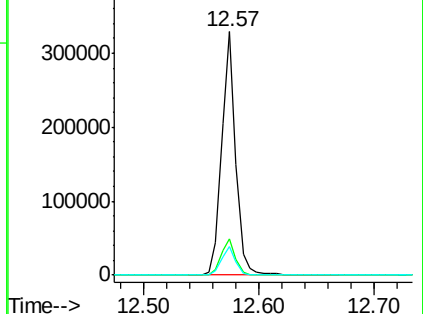
183 11.5 9.3 13.9

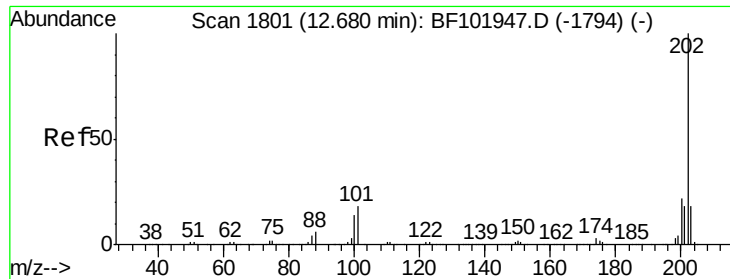


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

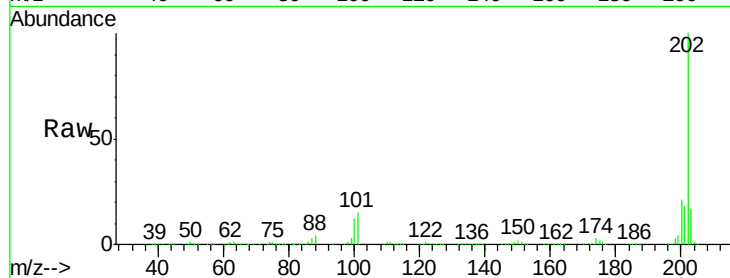




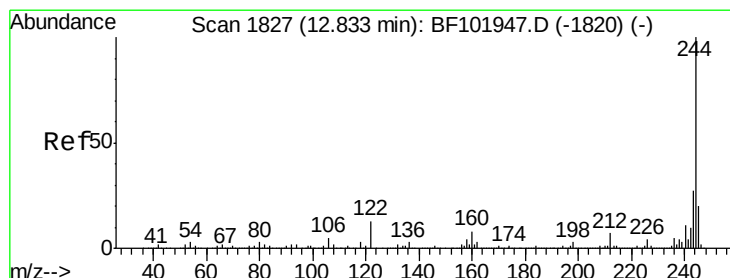
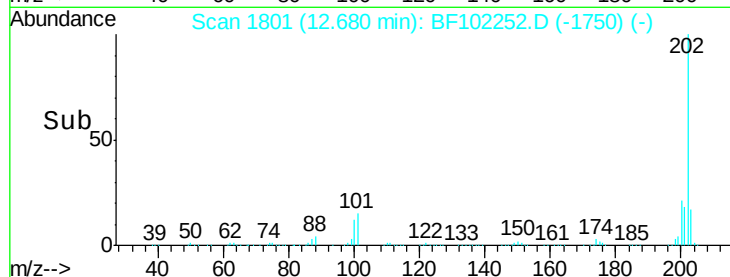
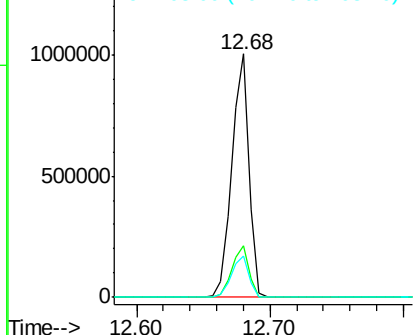
#77
Pvrene
Concen: 38.72 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 911819
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 16.9 14.3 21.5

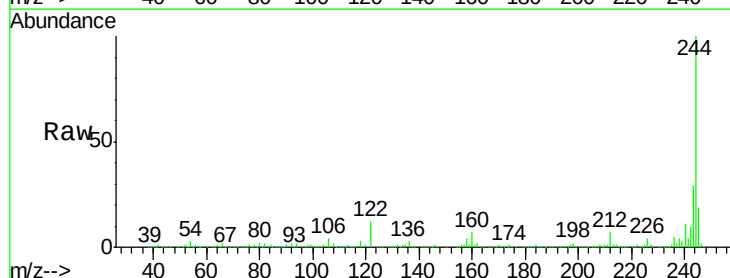


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

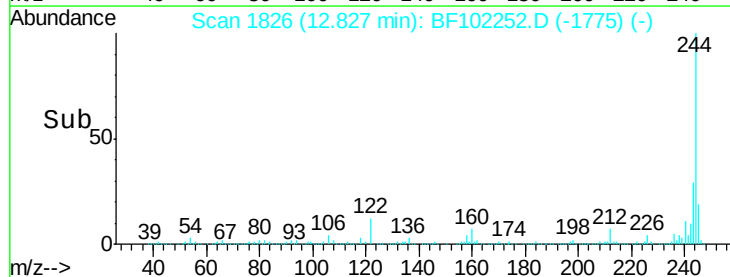
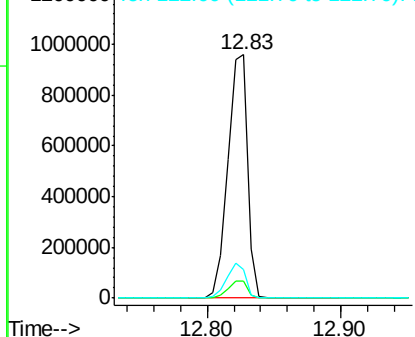


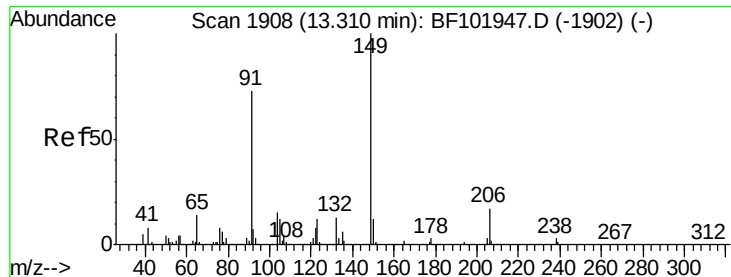
#78
Terphenyl-d14
Concen: 78.20 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion:244 Resp: 1003435
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.7 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

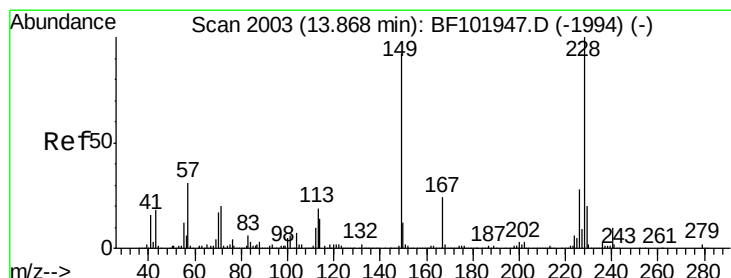
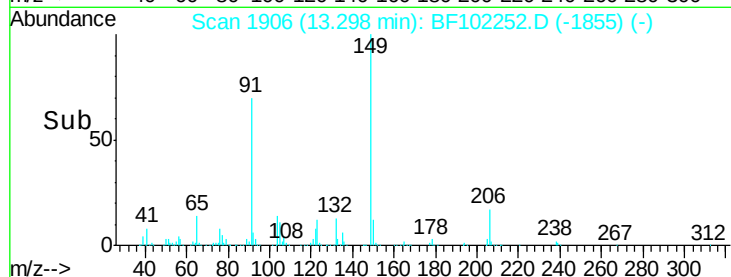
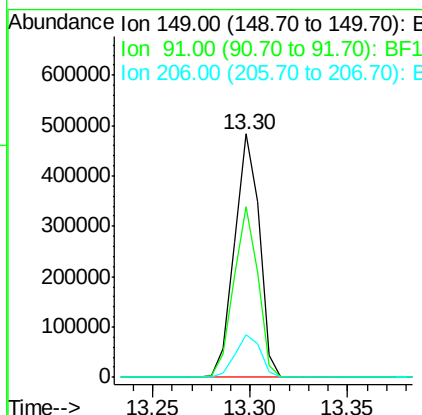
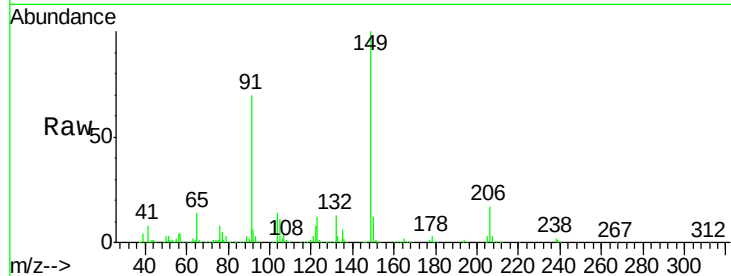




#79
 Butylbenzylphthalate
 Concen: 39.49 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

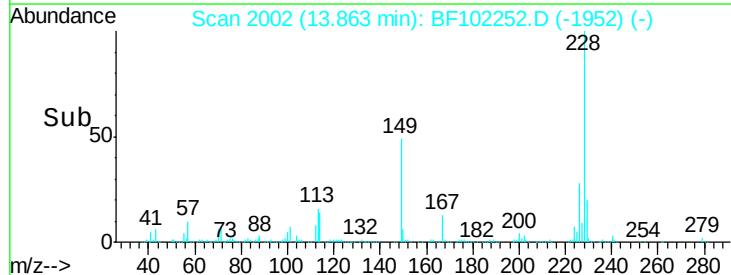
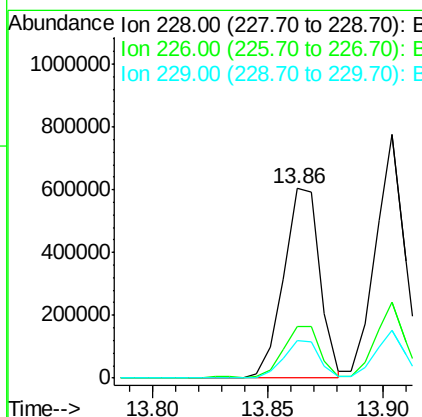
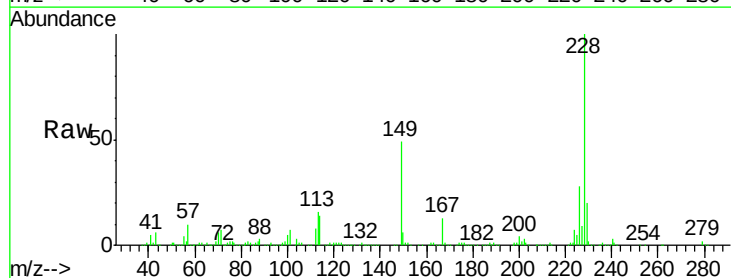
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

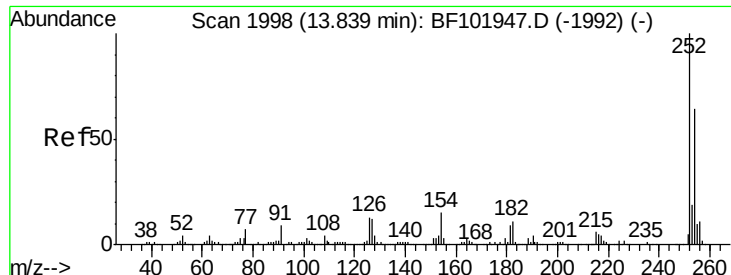
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	56.8	85.2
206	17.4	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 38.47 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.6	15.8	23.6

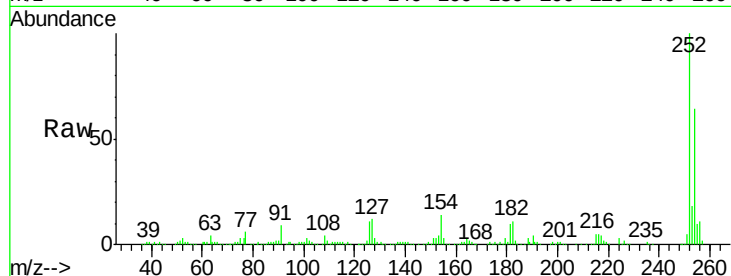




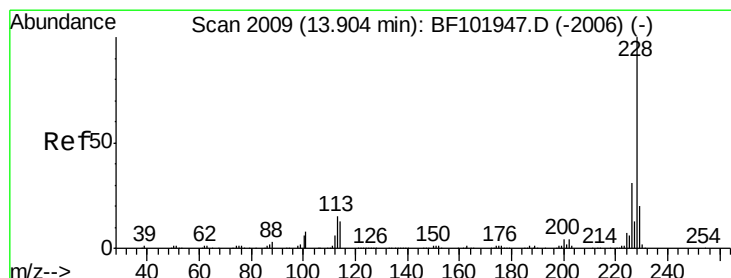
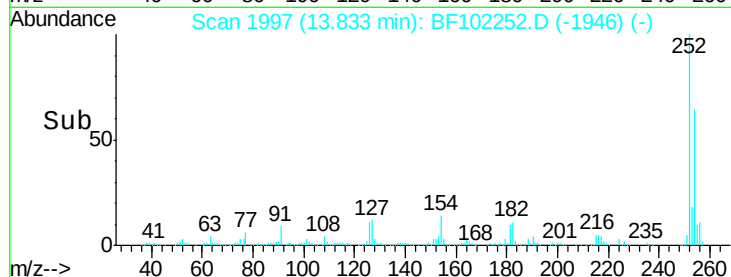
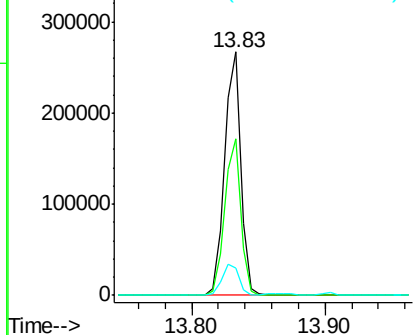
#81
 3,3'-Dichlorobenzidine
 Concen: 36.70 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	11.0	11.3	16.9#

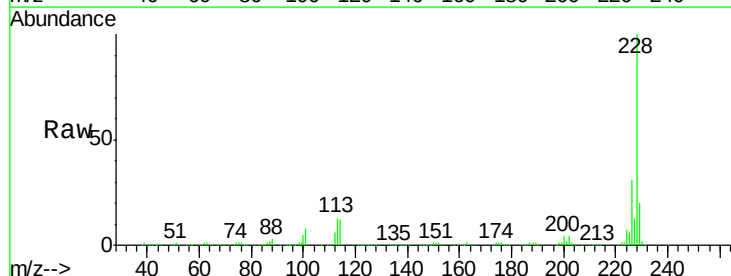


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

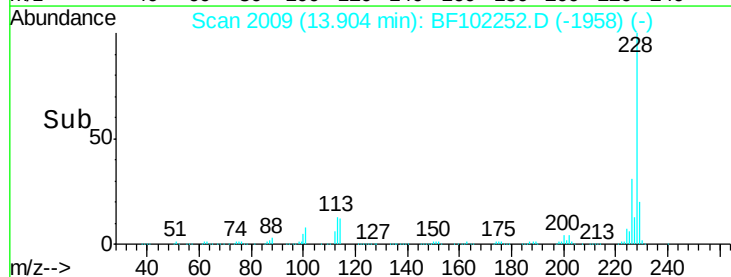
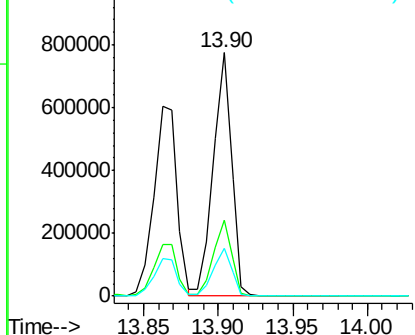


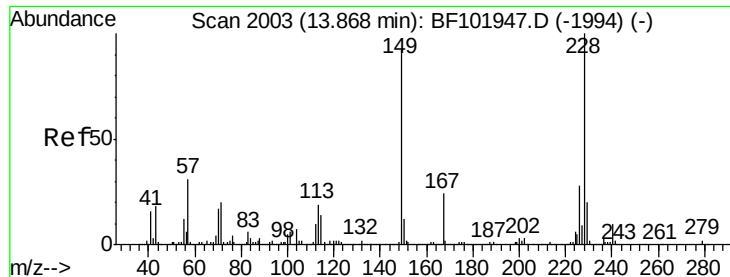
#82
 Chrysene
 Concen: 37.65 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.7	16.2	24.4



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

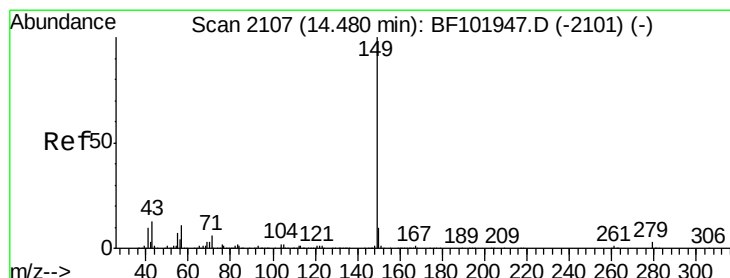
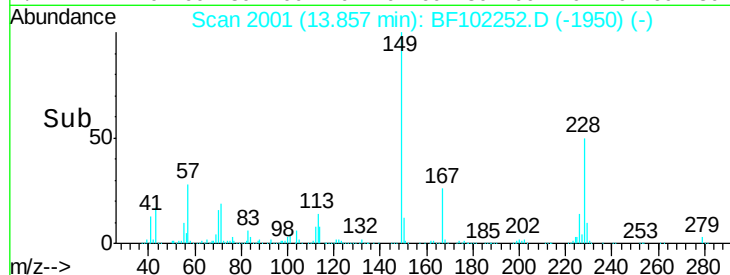
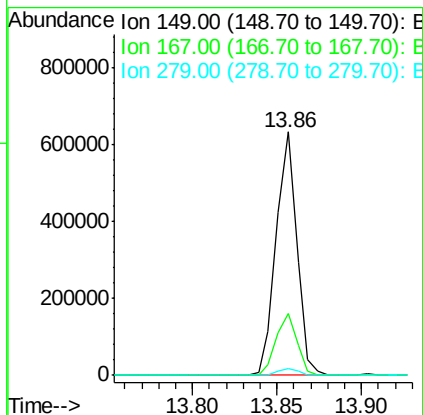
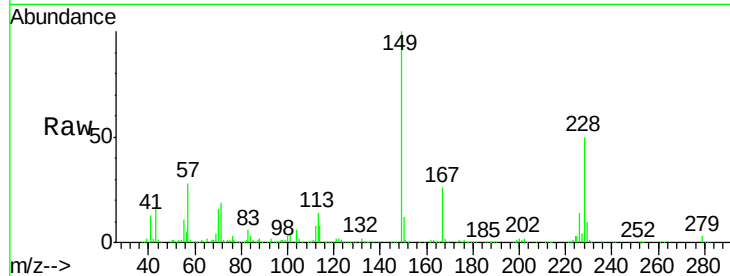




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.77 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

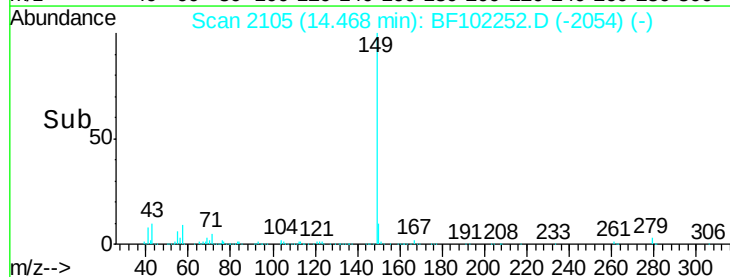
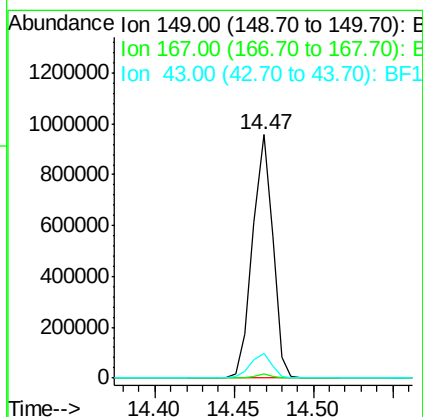
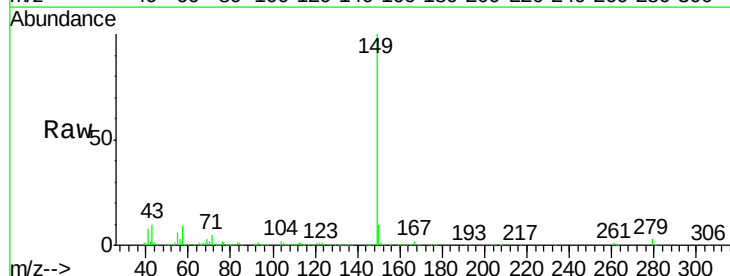
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

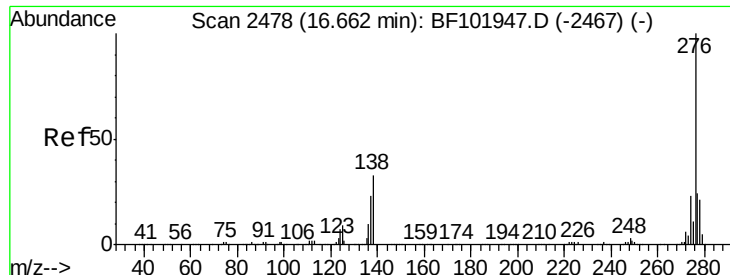
Tot Ion:149 Resp: 542637
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 41.28 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF102252.D
 Acq: 20 Jan 2018 8:55

Tgt Ion:149 Resp: 849292
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.2 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.89 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

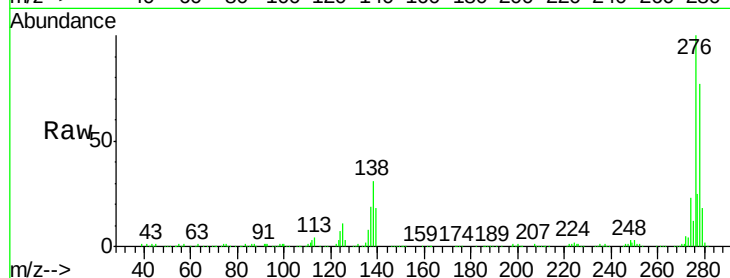
Tot Ion:276 Resp: 553299

Ion Ratio Lower Upper

276 100

138 32.8 25.0 37.6

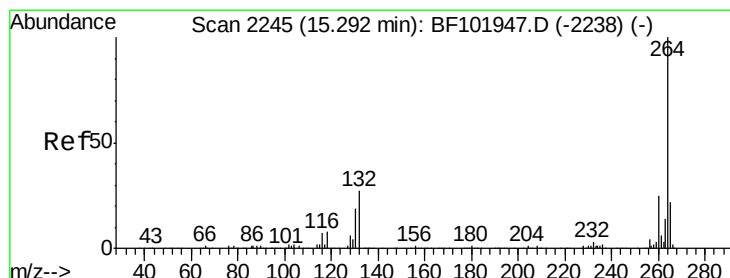
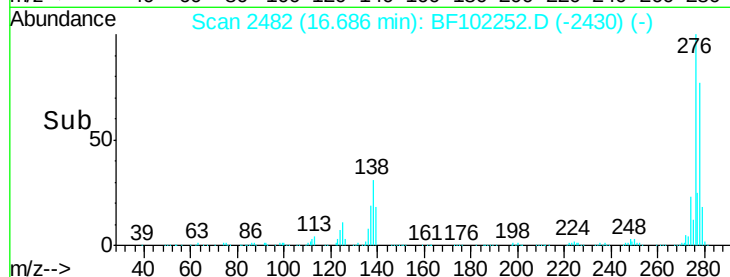
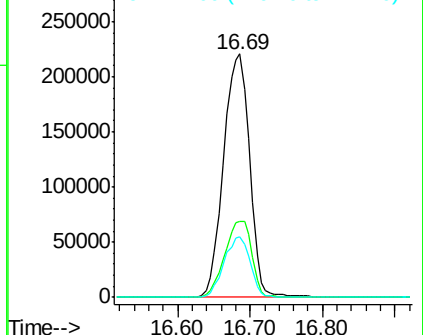
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

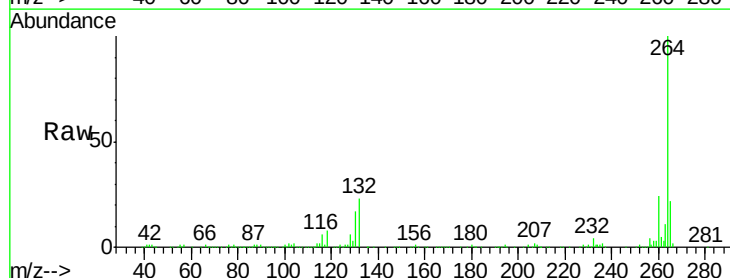
Tgt Ion:264 Resp: 228397

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

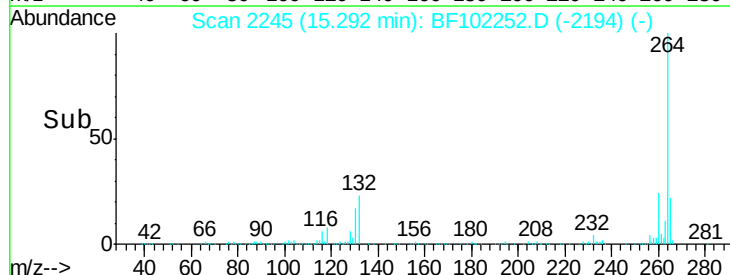
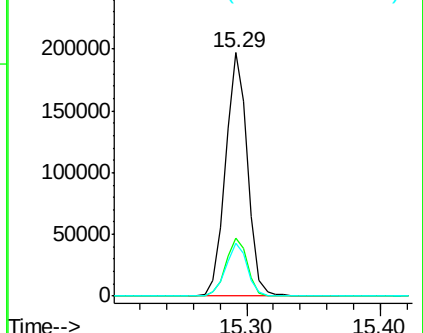
265 21.6 17.5 26.3

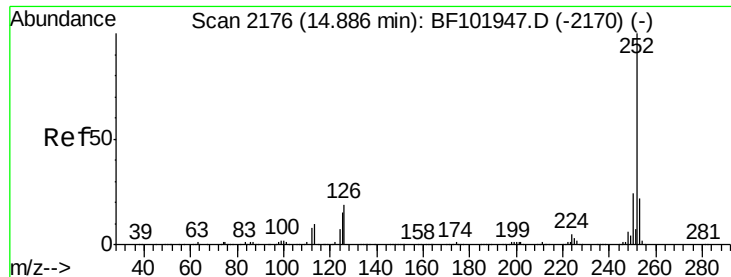


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

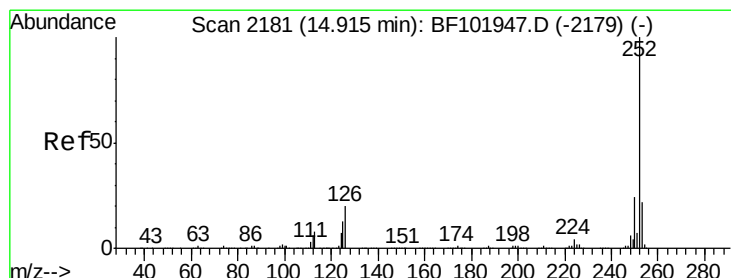
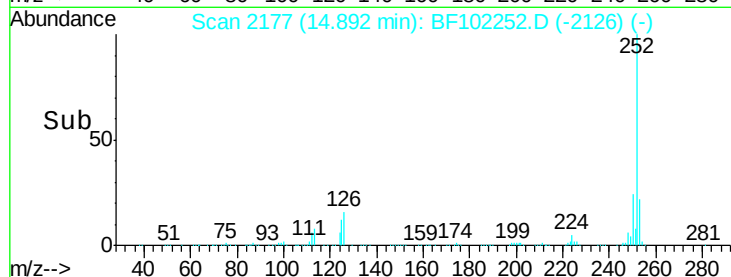
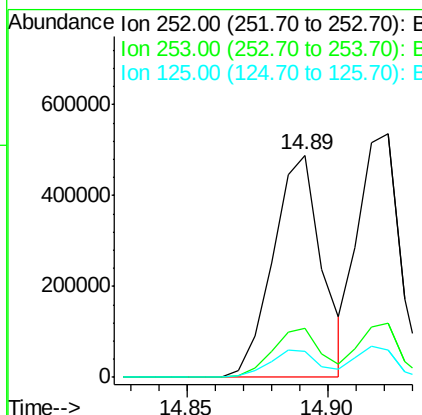
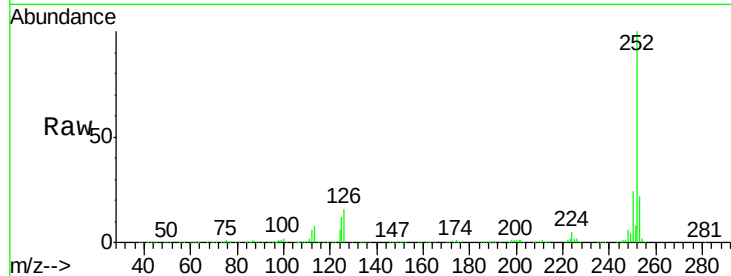




#87
Benzo(b)fluoranthene
Concen: 39.54 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

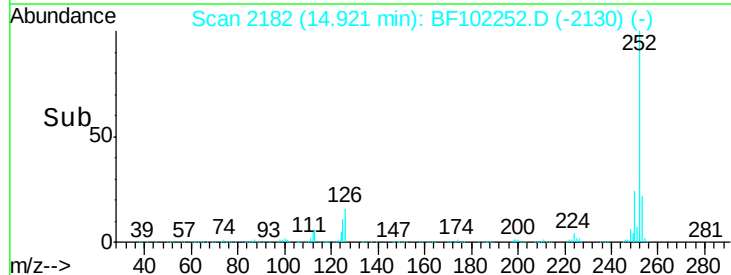
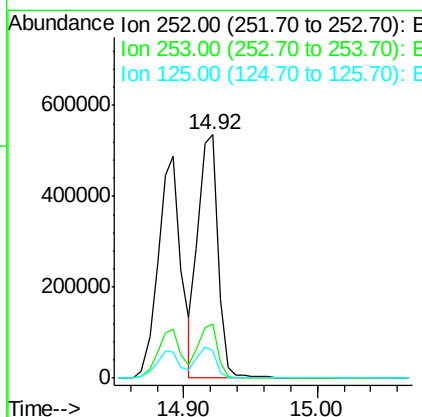
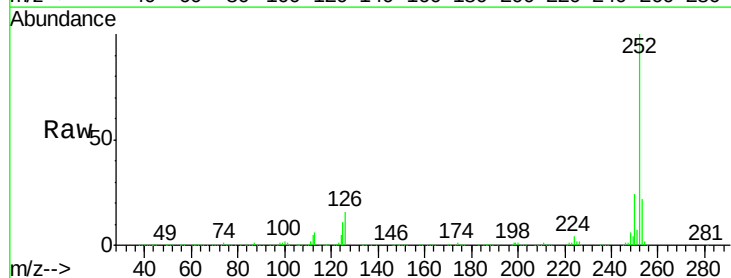
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

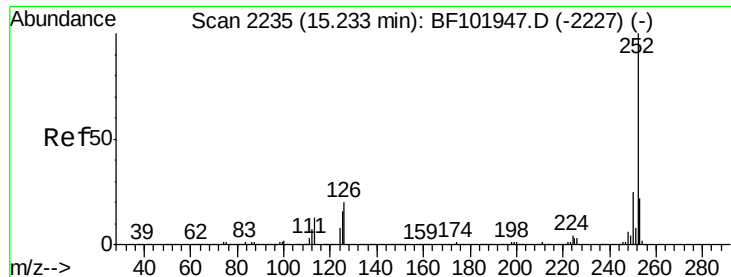
Tot Ion:252 Resp: 588856
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.22 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion:252 Resp: 549066
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.1 10.2 15.2

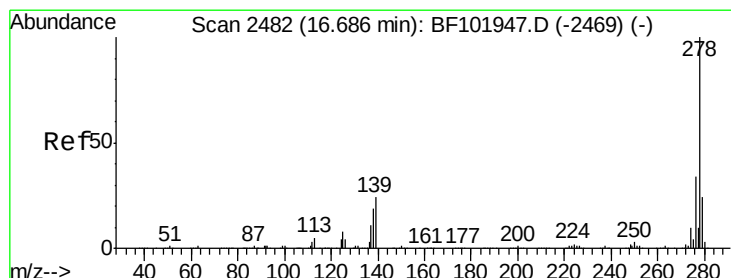
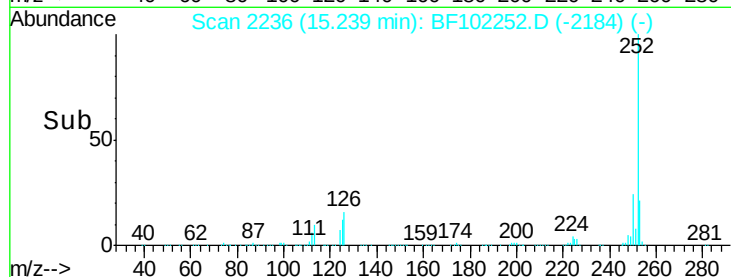
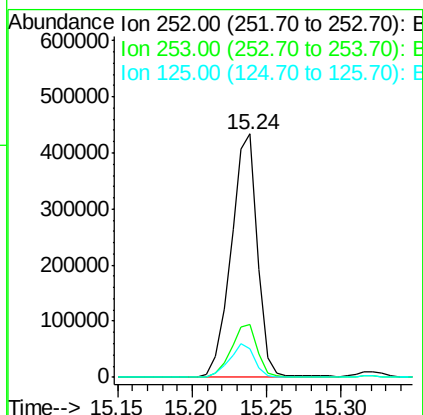
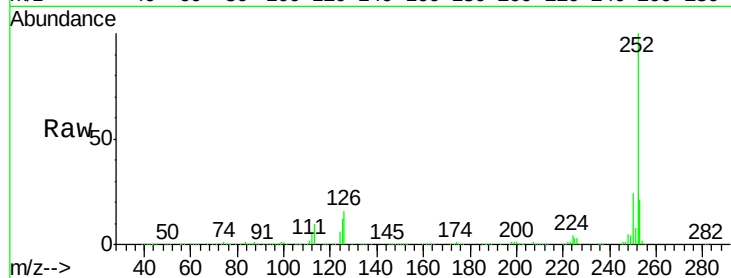




#89
Benzo(a)pyrene
Concen: 40.02 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

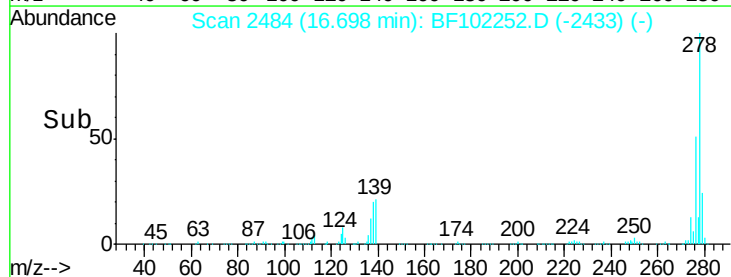
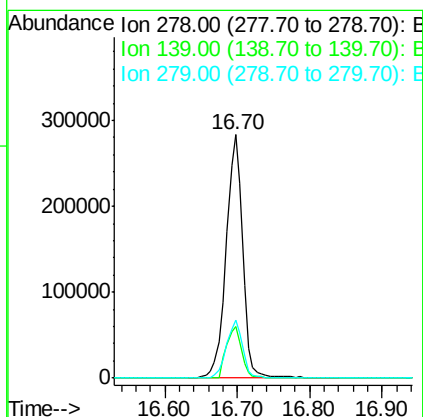
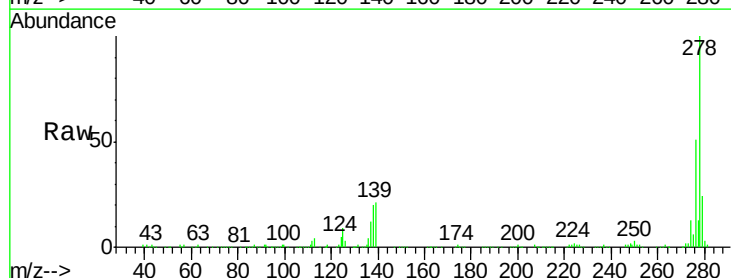
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

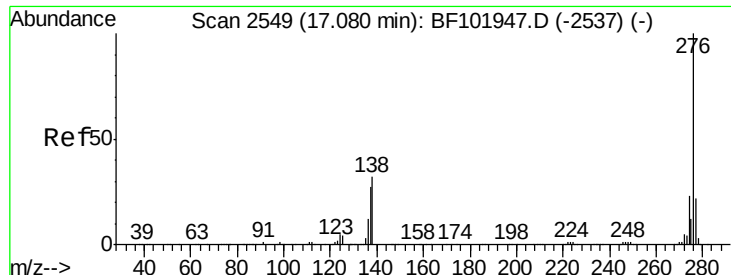
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	12.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.26 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BF102252.D
Acq: 20 Jan 2018 8:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.34 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BF102252.D

Acq: 20 Jan 2018 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

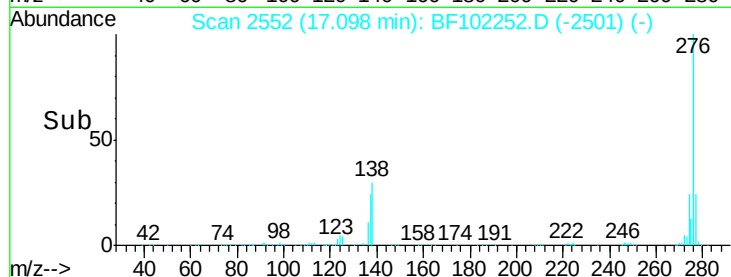
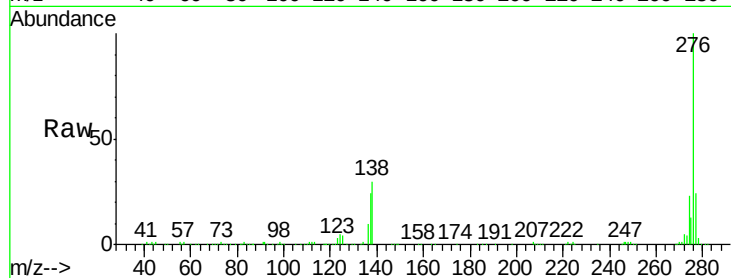
Tot Ion: 276 Resp: 466848

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 29.6 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

