

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103682.D
 Acq On : 15 Mar 2018 21:36
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 16 04:31:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154300	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	645110	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	300184	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	529565	20.00	ng	0.00
75) Chrysene-d12	14.15	240	402756	20.00	ng	0.00
86) Perylene-d12	15.68	264	326235	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	818411	80.67	ng	0.00
7) Phenol-d6	6.59	99	999870	80.56	ng	0.00
23) Nitrobenzene-d5	7.53	82	859754	92.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	235673	91.31	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1453690	77.25	ng	0.00
78) Terphenyl-d14	13.09	244	1371991	79.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	201532	40.345	ng	92
3) Pyridine	3.60	79	549253	39.976	ng	91
4) n-Nitrosodimethylamine	3.56	42	201346	39.745	ng	94
6) Aniline	6.63	93	722373	40.761	ng	97
8) 2-Chlorophenol	6.75	128	436241	41.050	ng	97
9) Benzaldehyde	6.52	77	328815	40.327	ng	99
10) Phenol	6.60	94	530336	40.212	ng	99
11) bis(2-Chloroethyl)ether	6.70	93	437852	40.217	ng	94
12) 1,3-Dichlorobenzene	6.91	146	488778	40.382	ng	98
13) 1,4-Dichlorobenzene	6.99	146	485819	39.944	ng	99
14) 1,2-Dichlorobenzene	7.14	146	455887	40.393	ng	99
15) Benzyl Alcohol	7.10	79	394620	41.036	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	618768	39.959	ng	96
17) 2-Methylphenol	7.20	107	385000	40.682	ng	97
18) Hexachloroethane	7.48	117	180127	42.103	ng	93
19) n-Nitroso-di-n-propylamine	7.38	70	319148	40.124	ng	95
20) 3+4-Methylphenols	7.36	107	494617	41.183	ng	96
22) Acetophenone	7.37	105	649637	39.183	ng	96
24) Nitrobenzene	7.55	77	482031	44.384	ng	99
25) Isophorone	7.79	82	841509	39.296	ng	98
26) 2-Nitrophenol	7.86	139	196051	47.556	ng	99
27) 2,4-Dimethylphenol	7.89	122	376576	41.048	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	513579	39.605	ng	100
29) 2,4-Dichlorophenol	8.10	162	347475	41.631	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	386427	39.917	ng	99
31) Naphthalene	8.27	128	1283080	39.373	ng	99
32) Benzoic acid	8.00	122	301722	46.897	ng	97
33) 4-Chloroaniline	8.32	127	552699	40.427	ng	99
34) Hexachlorobutadiene	8.39	225	210054	39.576	ng	100
35) Caprolactam	8.69	113	118951	41.388	ng	90
36) 4-Chloro-3-methylphenol	8.79	107	382974	41.621	ng	99
37) 2-Methylnaphthalene	8.96	142	826825	40.010	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	348865	40.737	ng	99
40) Hexachlorocyclopentadiene	9.12	237	200021	45.264	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.23	196	239397	43.704	ng	98
43) 2,4,5-Trichlorophenol	9.27	196	270328	43.724	ng	98
45) 1,1'-Biphenyl	9.43	154	998609	39.895	ng	100
46) 2-Chloronaphthalene	9.46	162	793875	39.931	ng	99
47) 2-Nitroaniline	9.55	65	239324	46.298	ng	94
48) Acenaphthylene	9.87	152	1221153	39.610	ng	99
49) Dimethylphthalate	9.73	163	912232	39.831	ng	100
50) 2,6-Dinitrotoluene	9.79	165	194183	44.176	ng	90
51) Acenaphthene	10.05	154	743591	40.621	ng	100
52) 3-Nitroaniline	9.96	138	233072	44.221	ng	97
53) 2,4-Dinitrophenol	10.06	184	53259	52.942	ng	# 37
54) Dibenzofuran	10.22	168	1036265	39.636	ng	98
55) 4-Nitrophenol	10.10	139	177276	44.622	ng	95
56) 2,4-Dinitrotoluene	10.19	165	250914	45.130	ng	97
57) Fluorene	10.56	166	797856	39.328	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	200444	45.754	ng	97
59) Diethylphthalate	10.43	149	907237	39.911	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	369939	39.900	ng	94
61) 4-Nitroaniline	10.57	138	224187	44.192	ng	94
62) Azobenzene	10.71	77	907673	39.275	ng	97
64) 4,6-Dinitro-2-methylphenol	10.60	198	100799	50.477	ng	93
65) n-Nitrosodiphenylamine	10.67	169	728365	40.408	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	223038	41.020	ng	96
67) Hexachlorobenzene	11.10	284	249707	40.238	ng	98
68) Atrazine	11.19	200	228507	40.980	ng	99
69) Pentachlorophenol	11.30	266	160593	45.012	ng	97
70) Phenanthrene	11.53	178	1150977	39.732	ng	99
71) Anthracene	11.58	178	1158958	39.391	ng	100
72) Carbazole	11.73	167	1131474	39.566	ng	99
73) Di-n-butylphthalate	12.05	149	1401760	40.852	ng	99
74) Fluoranthene	12.72	202	1171601	39.257	ng	100
76) Benzidine	12.84	184	710321	41.351	ng	98
77) Pyrene	12.95	202	1216790	41.138	ng	100
79) Butylbenzylphthalate	13.56	149	566094	43.198	ng	94
80) Benzo(a)anthracene	14.14	228	1016299	39.864	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	358279	42.013	ng	100
82) Chrysene	14.18	228	972717	40.025	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	810870	43.313	ng	99
84) Di-n-octyl phthalate	14.74	149	1191062	43.731	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	763369	35.968	ng	97
87) Benzo(b)fluoranthene	15.23	252	835916	40.557	ng	98
88) Benzo(k)fluoranthene	15.26	252	855446	43.177	ng	99
89) Benzo(a)pyrene	15.62	252	767540	41.058	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	637389	39.376	ng	98
91) Benzo(g,h,i)perylene	17.72	276	614880	39.046	ng	96

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

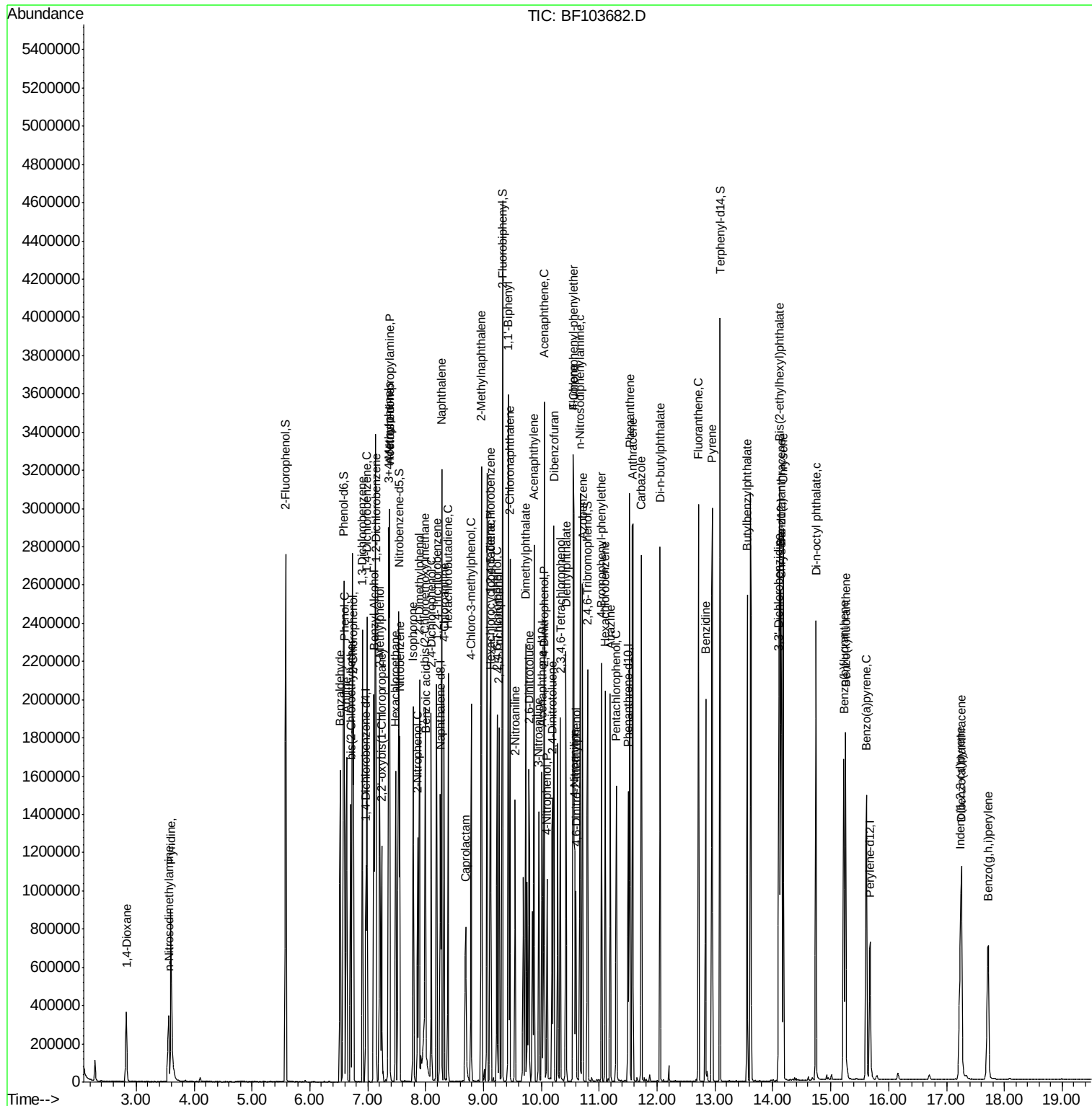
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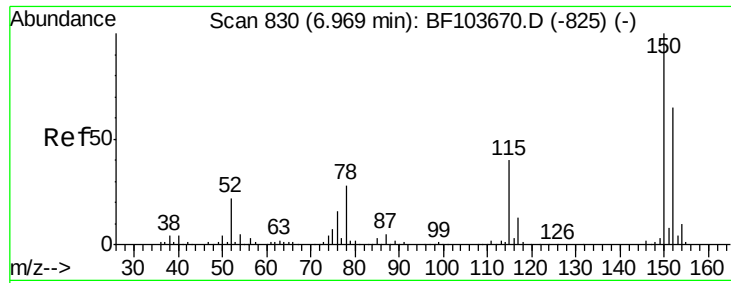
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
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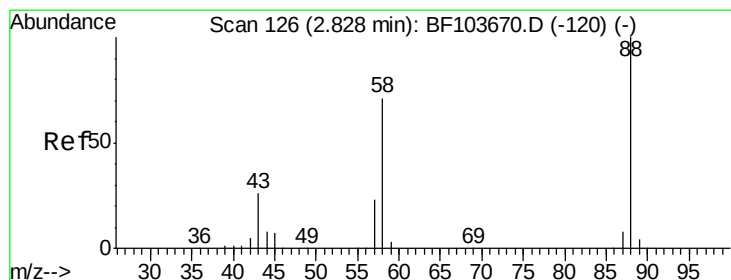
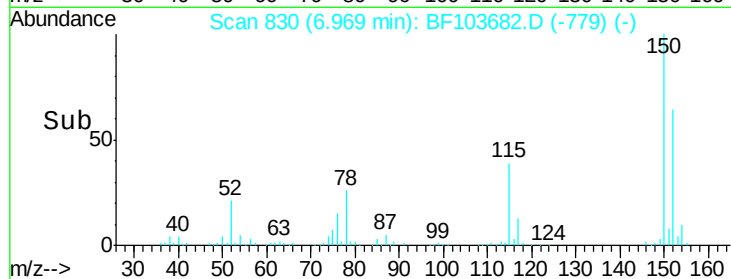
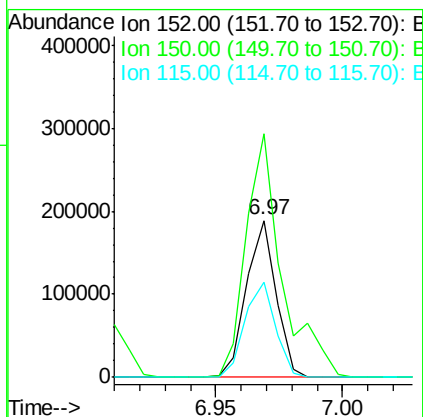
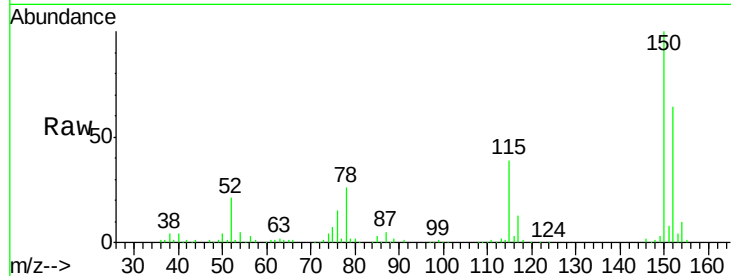


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

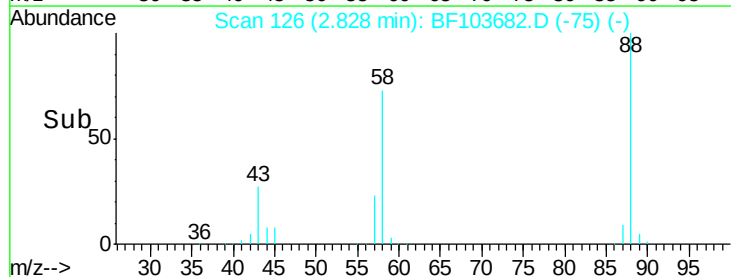
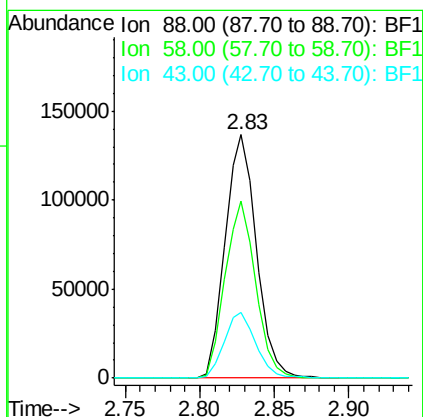
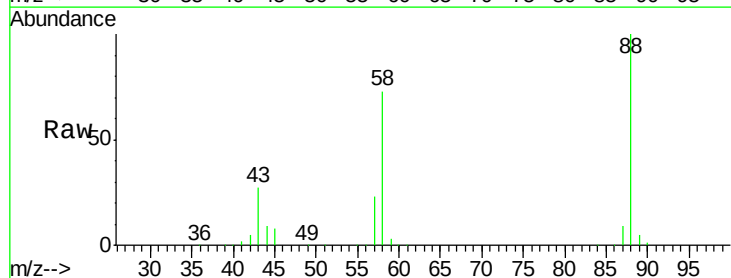
Tot Ion:152 Resp: 154300
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.9 50.1 75.1

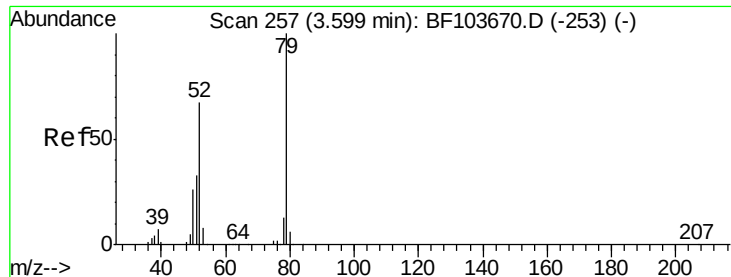


#2

1,4-Dioxane
Concen: 40.345 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion: 88 Resp: 201532
Ion Ratio Lower Upper
88 100
58 71.0 62.6 93.8
43 27.1 24.6 37.0





#3

Pvridine

Concen: 39.976 ng

RT: 3.60 min Scan# 257

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

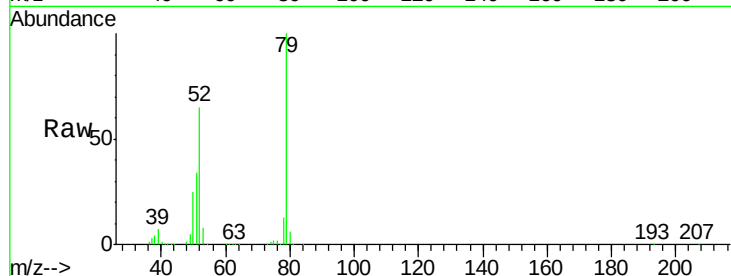
Tot Ion: 79 Resp: 549253

Ion Ratio Lower Upper

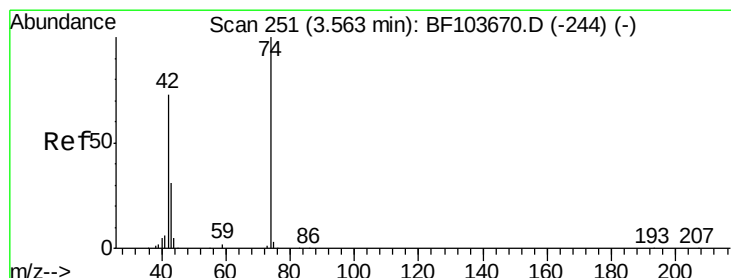
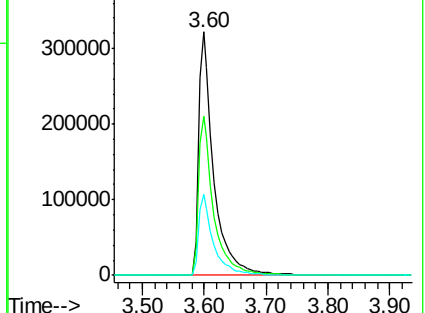
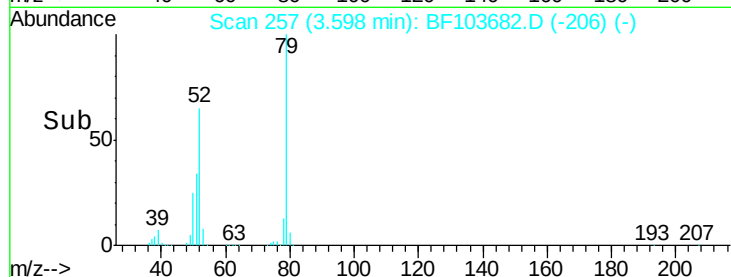
79 100

52 65.3 59.8 89.6

51 33.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.745 ng

RT: 3.56 min Scan# 251

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

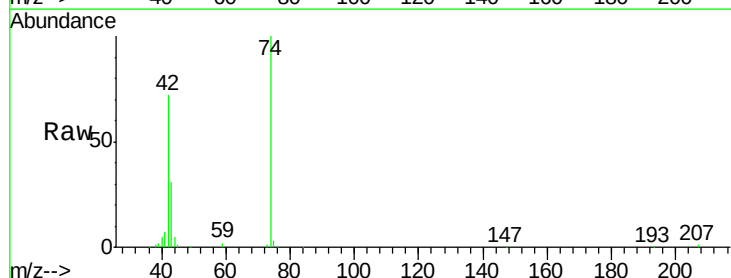
Tgt Ion: 42 Resp: 201346

Ion Ratio Lower Upper

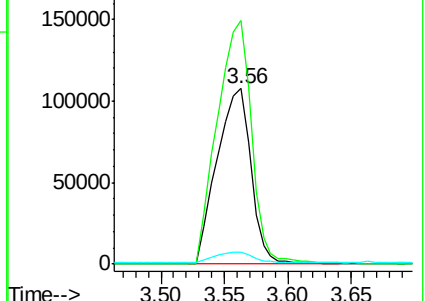
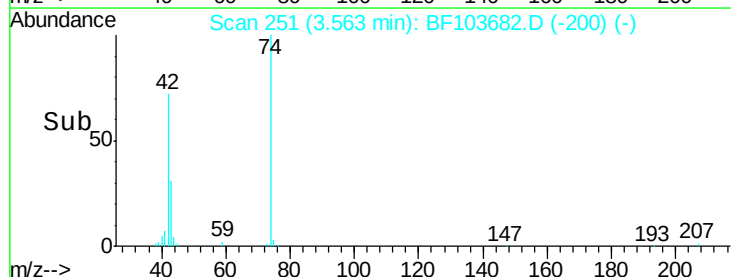
42 100

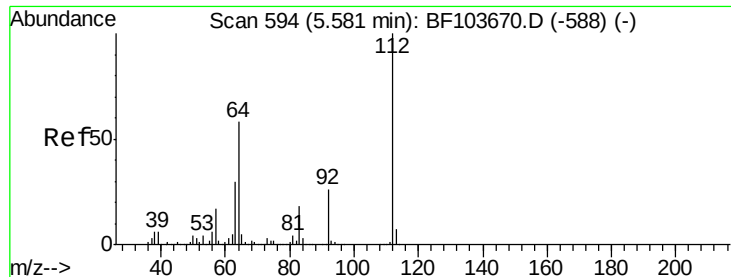
74 138.8 104.9 157.3

44 7.1 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.674 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

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BNA_F

ClientSampleId :

SSTDCCC040EC

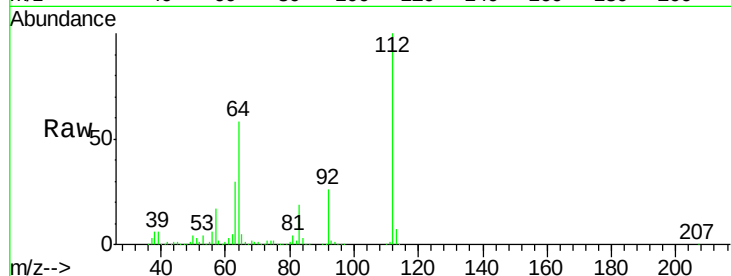
Tot Ion:112 Resp: 818411

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

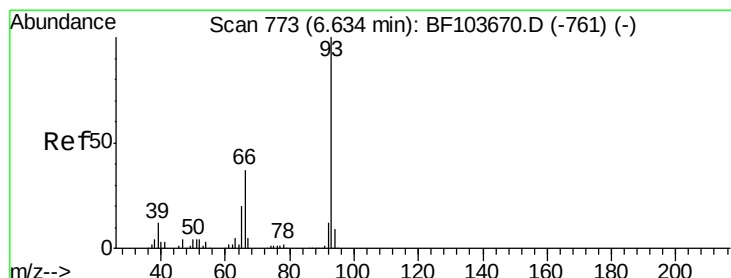
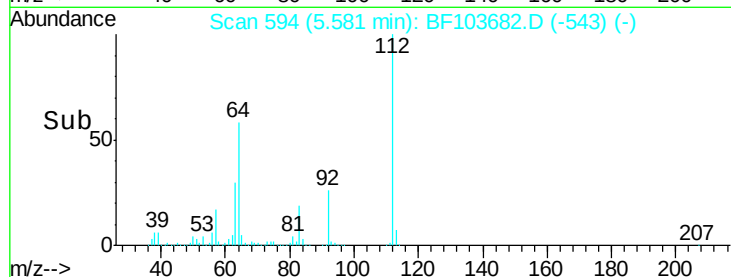
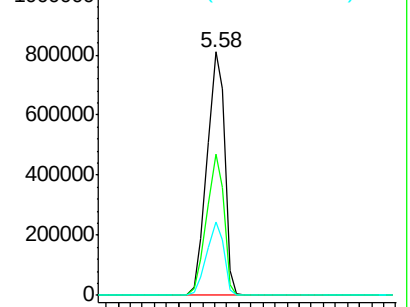
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.761 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

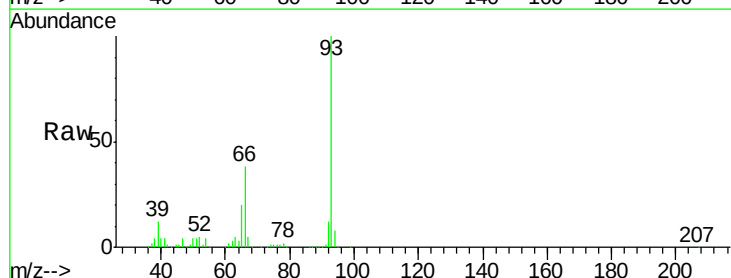
Tgt Ion: 93 Resp: 722373

Ion Ratio Lower Upper

93 100

66 38.3 32.2 48.2

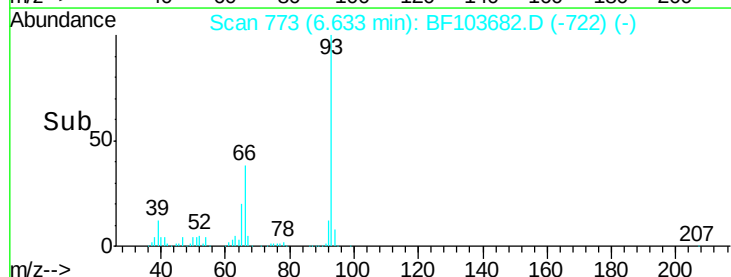
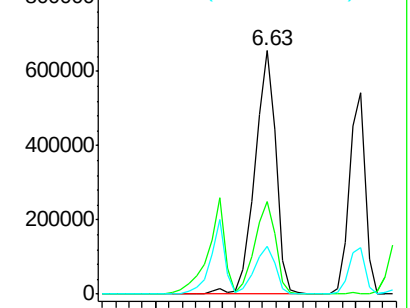
65 19.8 16.4 24.6

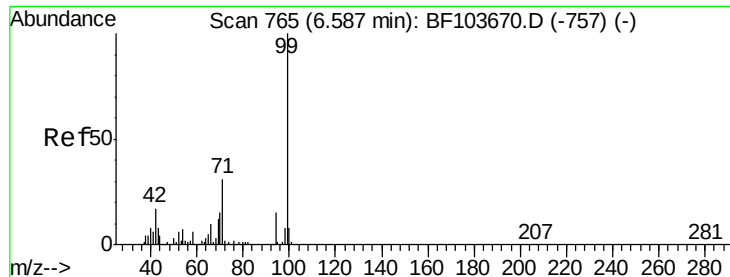


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.561 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

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ClientSampleId :

SSTDCCC040EC

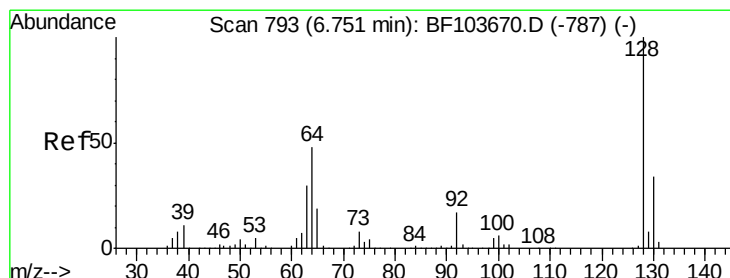
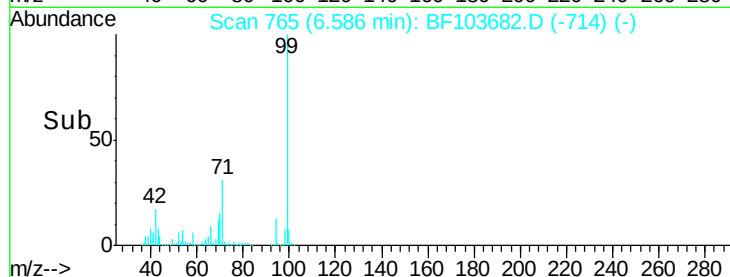
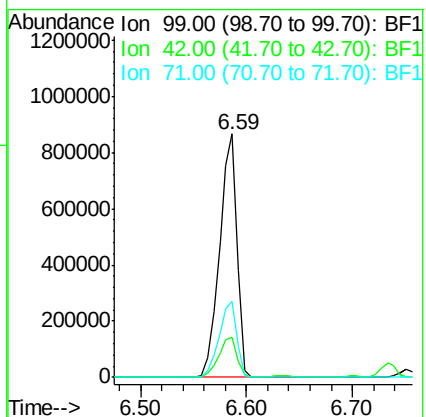
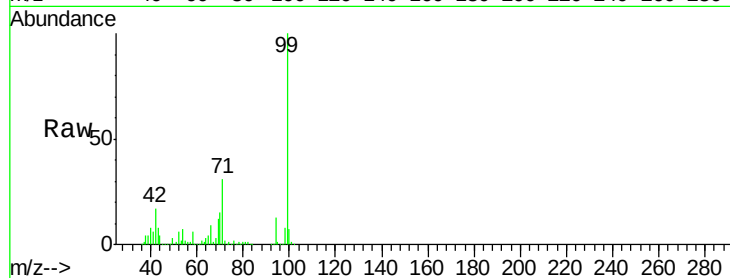
Tot Ion: 99 Resp: 999870

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 31.4 25.4 38.0



#8

2-Chlorophenol

Concen: 41.050 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

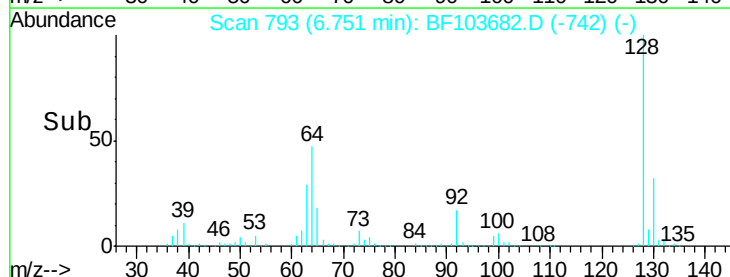
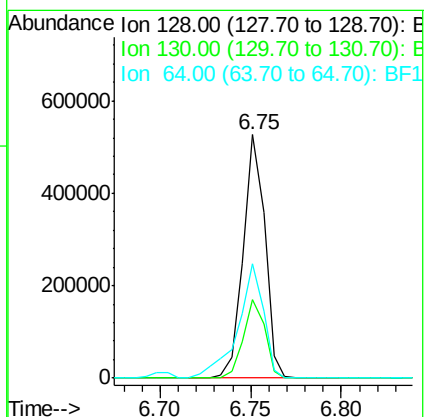
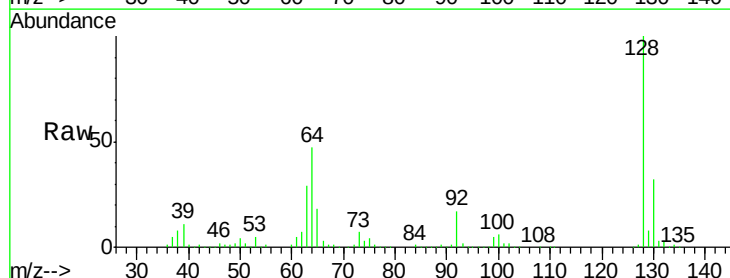
Tgt Ion: 128 Resp: 436241

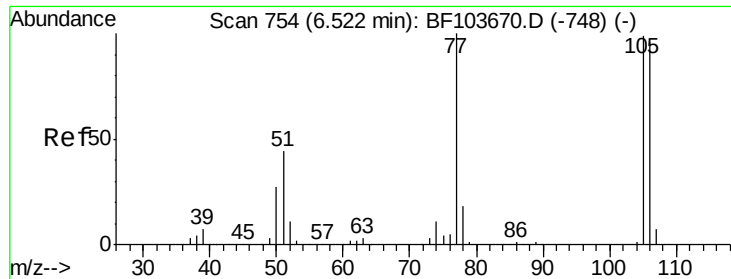
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 46.7 29.4 69.4

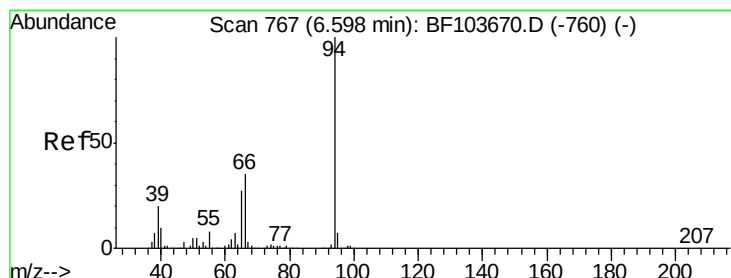
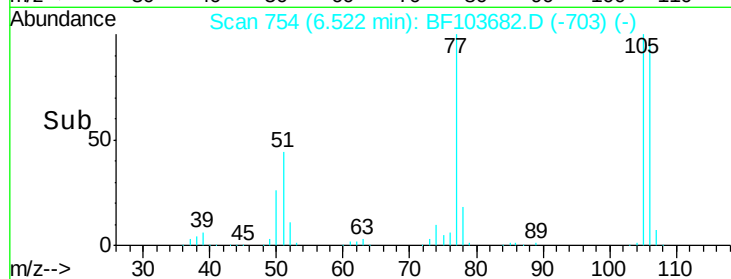
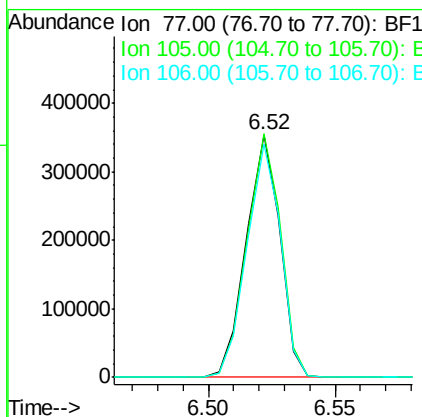
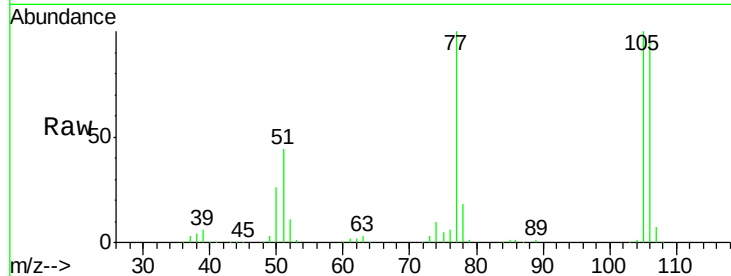




#9
Benzaldehyde
Concen: 40.327 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

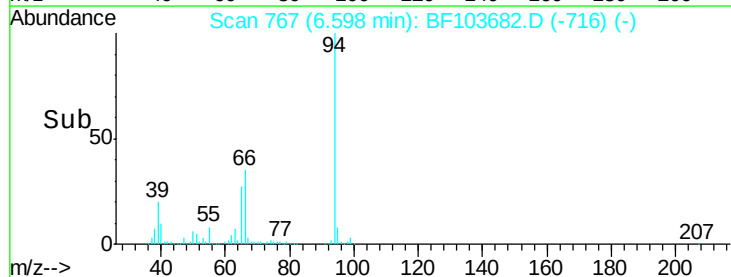
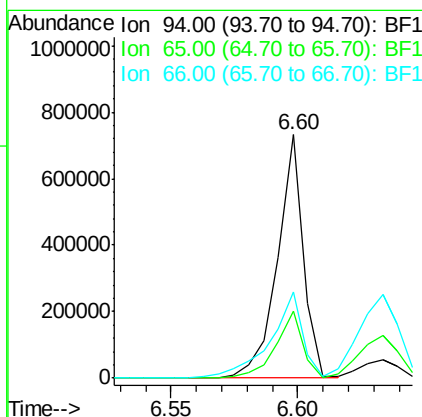
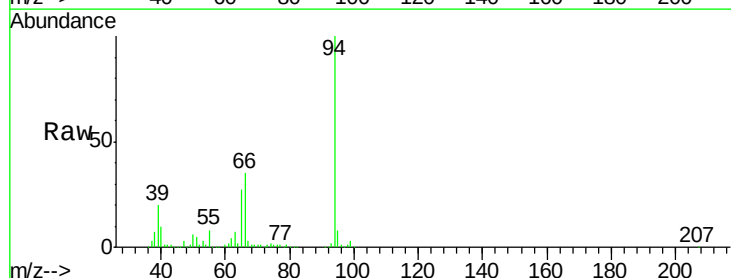
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

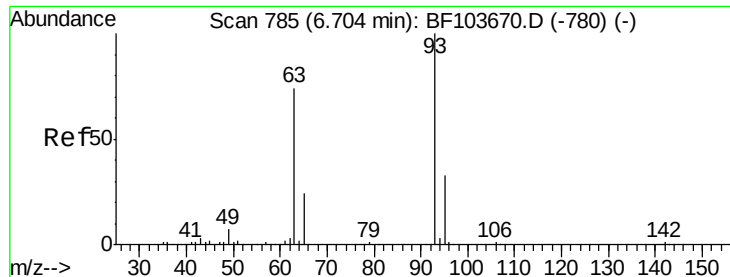
Tot Ion: 77 Resp: 328815
Ion Ratio Lower Upper
77 100
105 100.3 81.1 121.1
106 96.2 74.5 114.5



#10
Phenol
Concen: 40.212 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion: 94 Resp: 530336
Ion Ratio Lower Upper
94 100
65 27.4 7.9 47.9
66 35.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.217 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

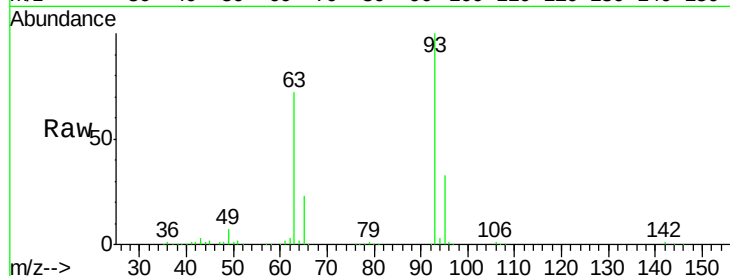
Tot Ion: 93 Resp: 437852

Ion Ratio Lower Upper

93 100

63 72.4 58.6 98.6

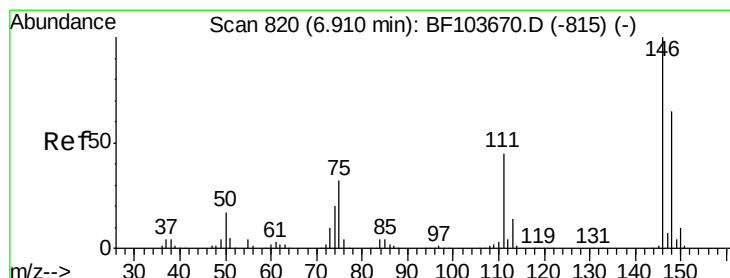
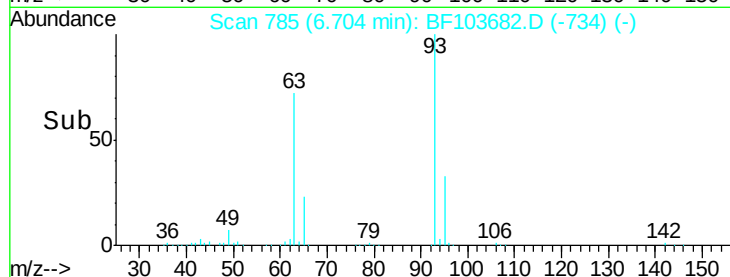
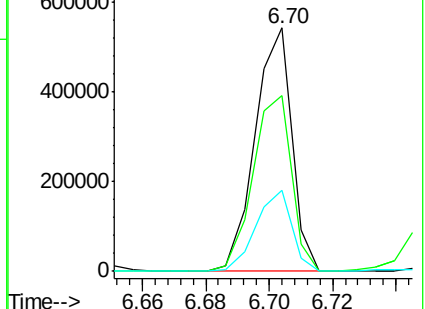
95 33.4 11.8 51.8



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: 40.382 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

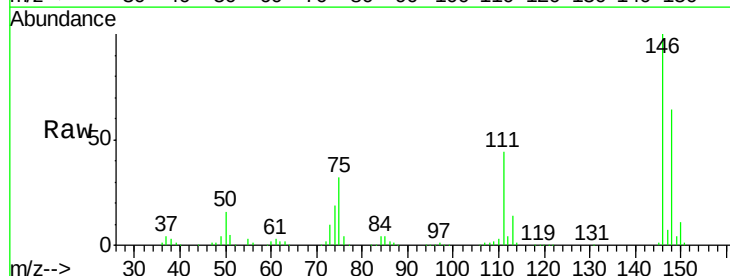
Tgt Ion: 146 Resp: 488778

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

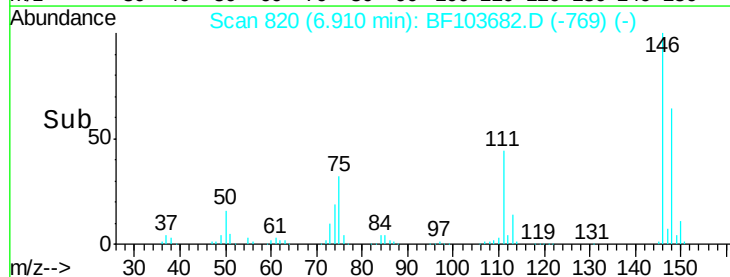
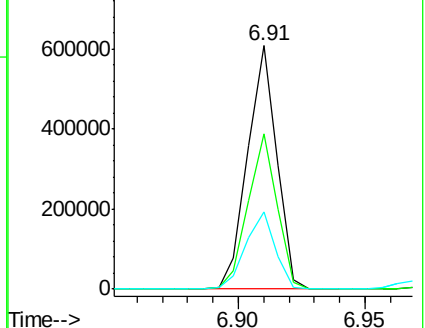
75 31.9 24.2 36.4

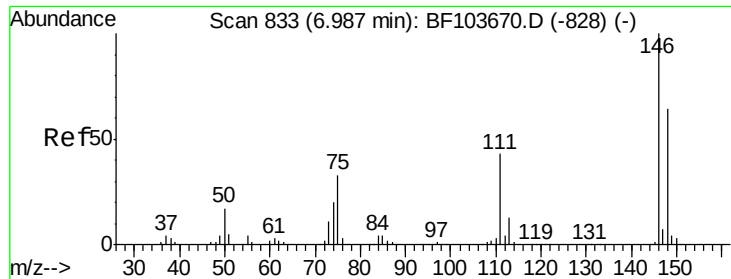


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

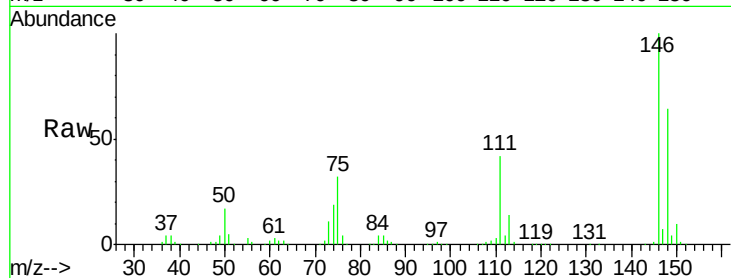




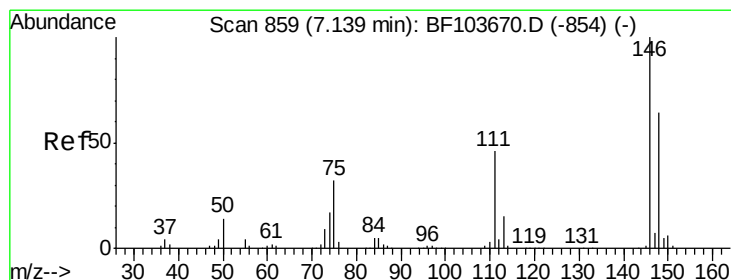
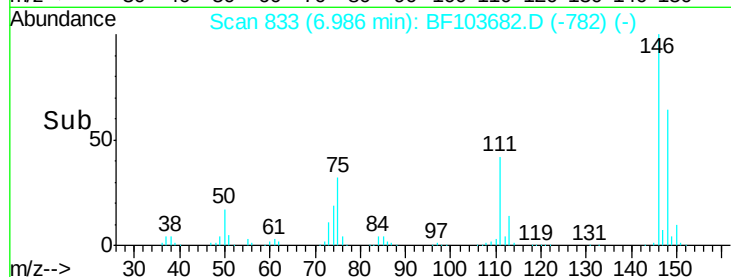
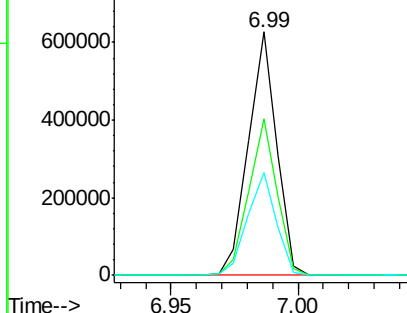
#13
 1,4-Dichlorobenzene
 Concen: 39.944 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 485819
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 42.5 34.2 51.2

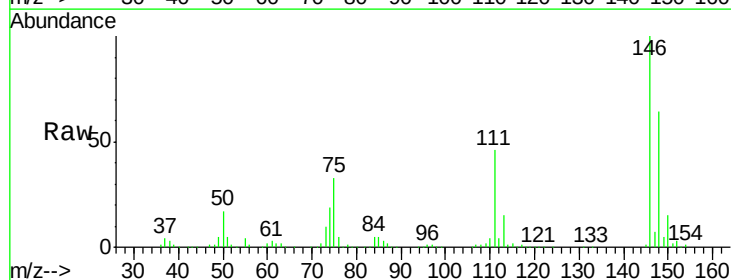


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

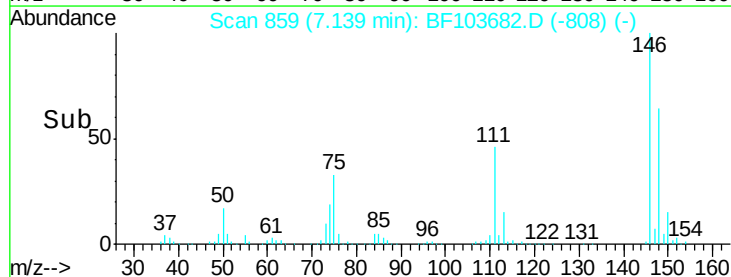
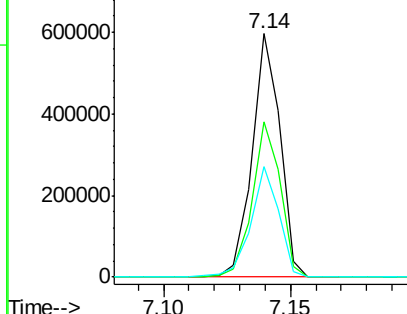


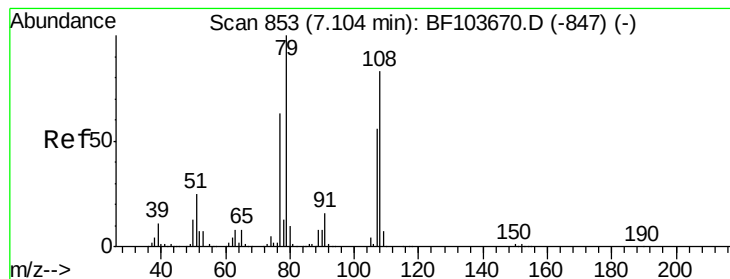
#14
 1,2-Dichlorobenzene
 Concen: 40.393 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Tgt Ion:146 Resp: 455887
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 45.6 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 41.036 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

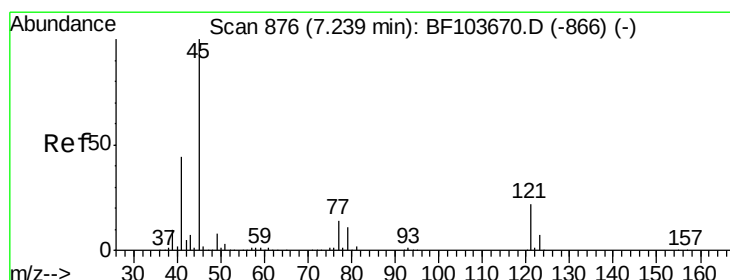
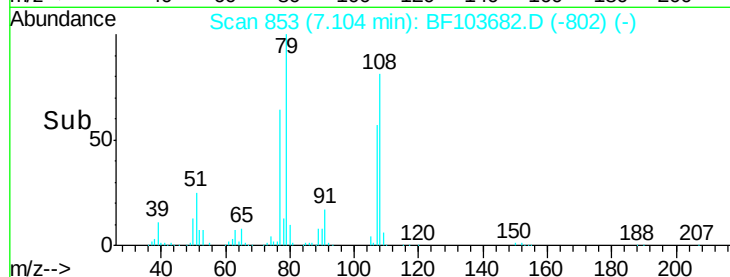
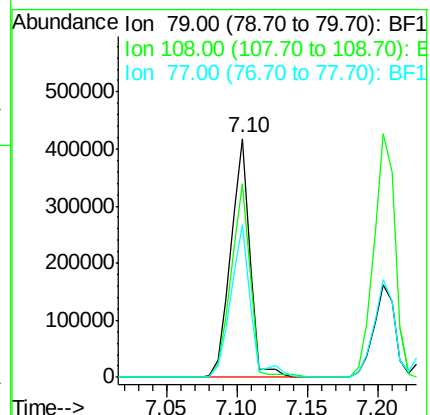
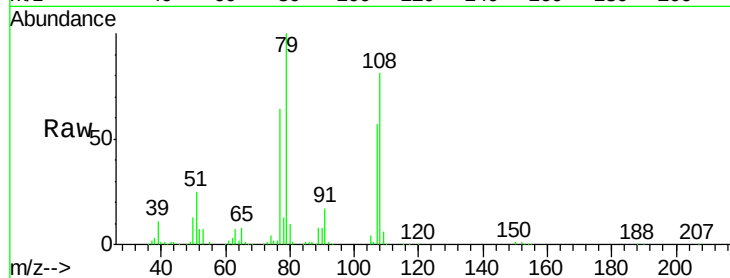
Tot Ion: 79 Resp: 394620

Ion Ratio Lower Upper

79 100

108 81.4 65.1 97.7

77 64.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.959 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

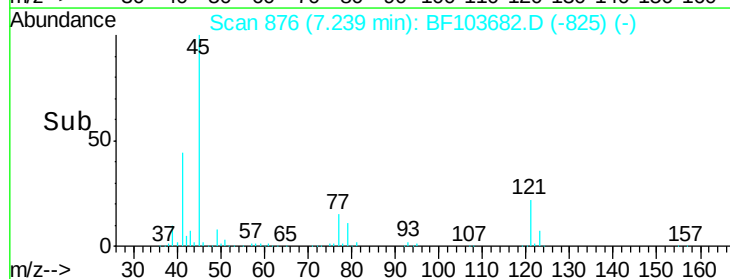
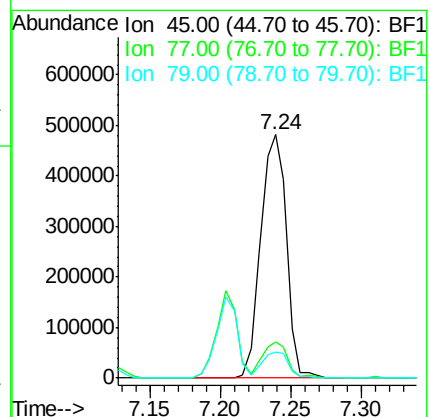
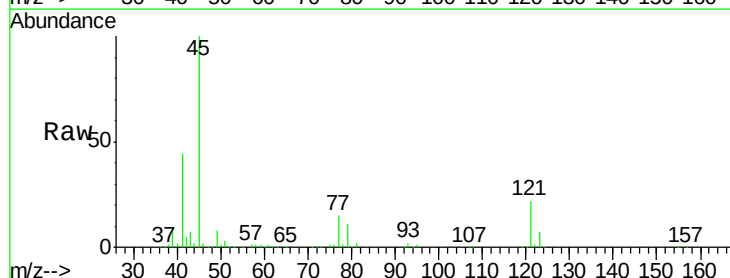
Tgt Ion: 45 Resp: 618768

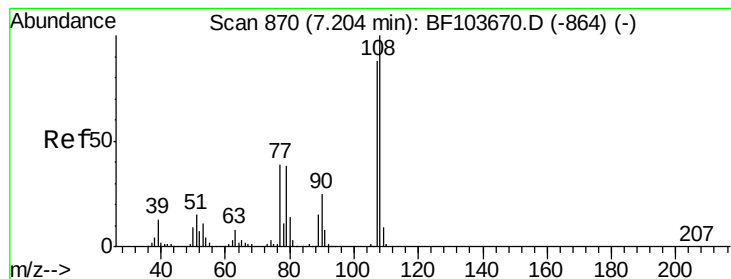
Ion Ratio Lower Upper

45 100

77 14.9 0.0 32.9

79 10.9 0.0 29.6

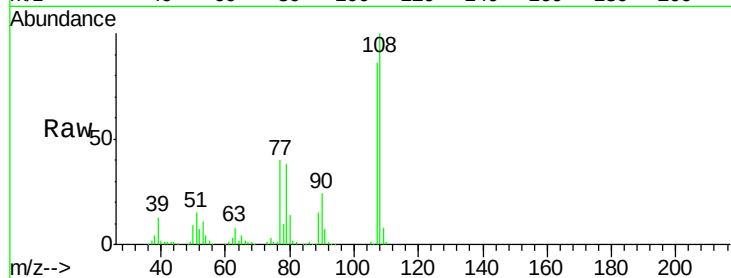




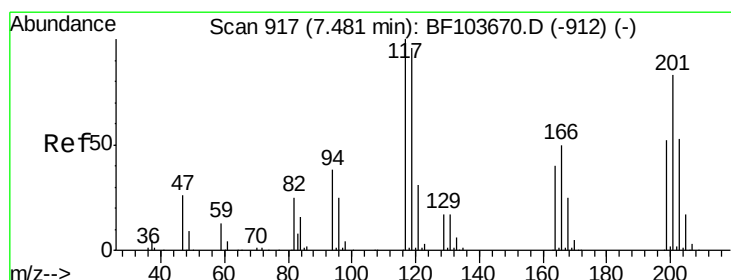
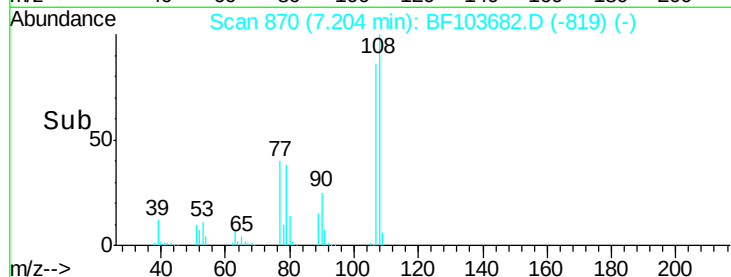
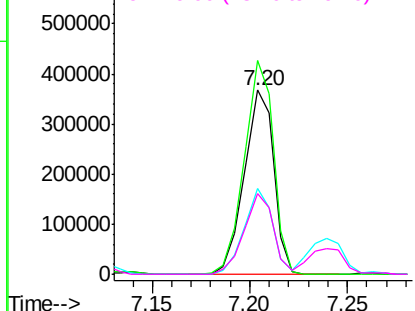
#17
2-Methylphenol
Concen: 40.682 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	107	Resp:	385000
Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.7	137.5
77	46.7	33.8	50.8
79	43.9	33.8	50.8

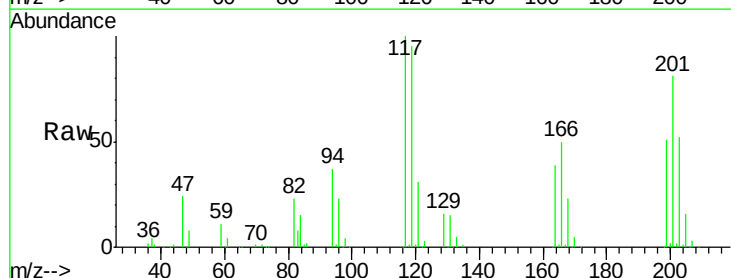


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

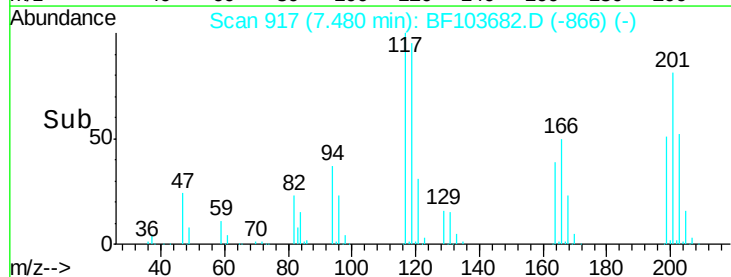
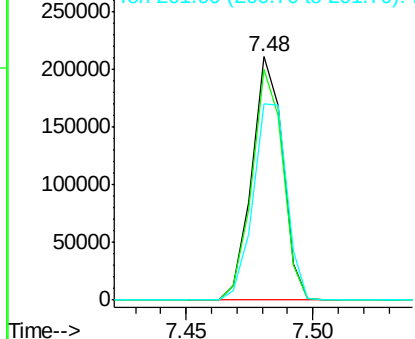


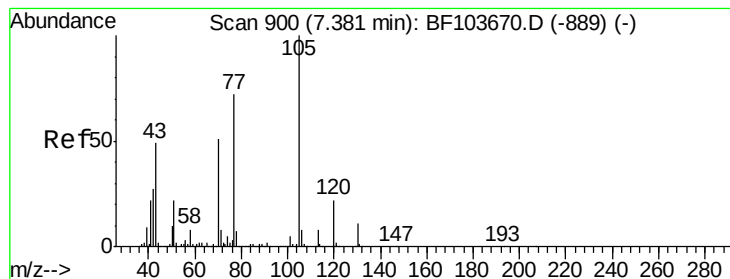
#18
Hexachloroethane
Concen: 42.103 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion:	117	Resp:	180127
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	80.9	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: 40.124 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 319148

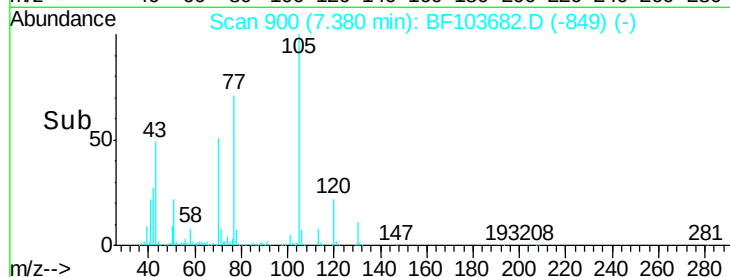
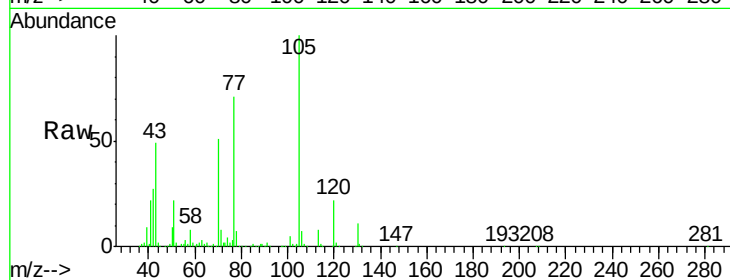
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 9.4 7.4 11.2

130 21.7 16.6 25.0

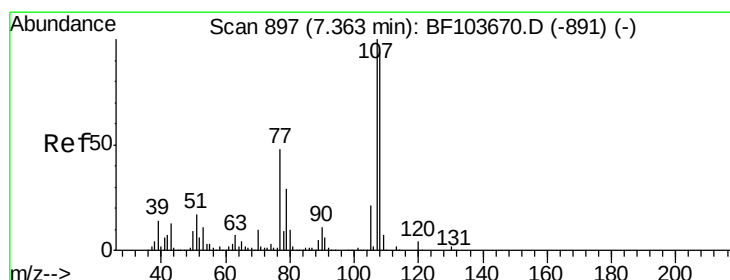
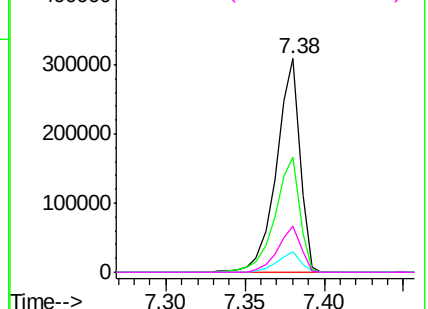


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.183 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Tgt Ion:107 Resp: 494617

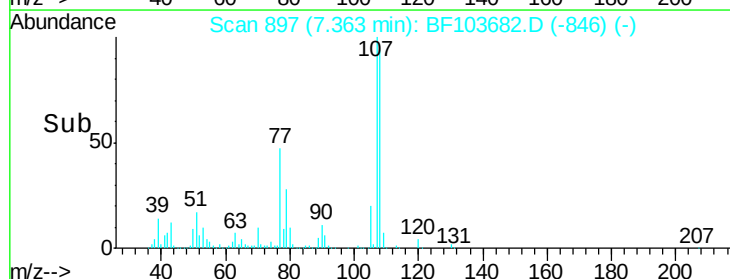
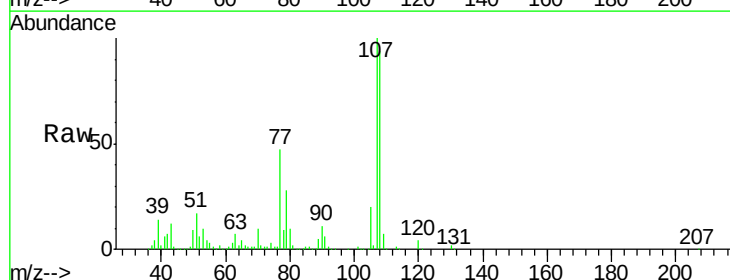
Ion Ratio Lower Upper

107 100

108 94.2 68.2 108.2

77 46.7 26.7 66.7

79 28.5 6.3 46.3

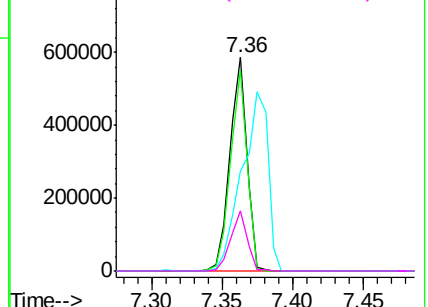


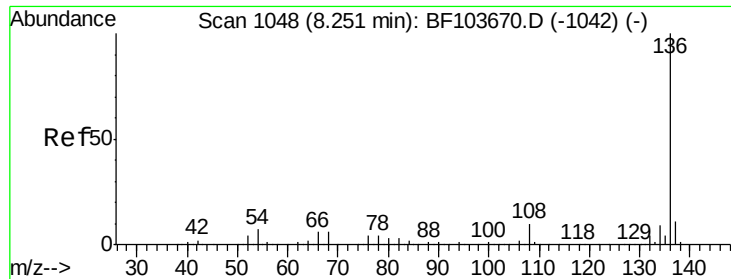
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 645110

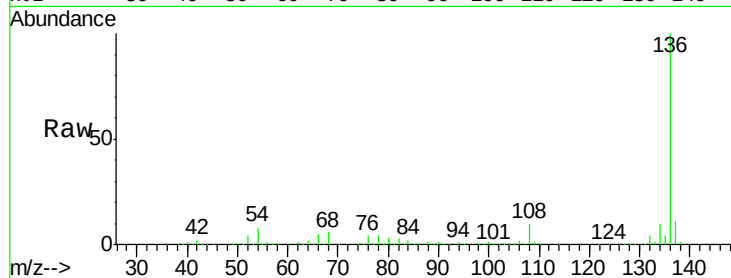
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.7 6.6 9.8

68 6.1 5.0 7.4

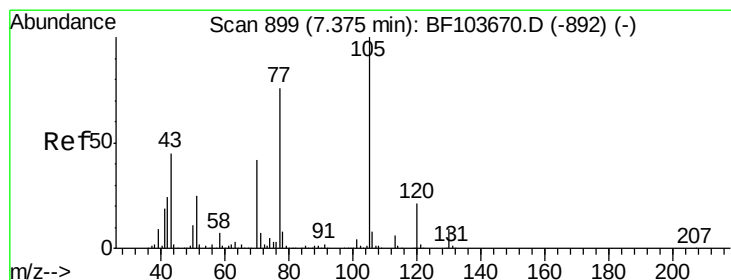
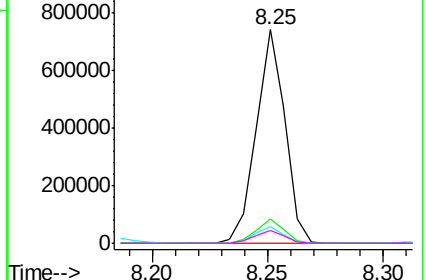
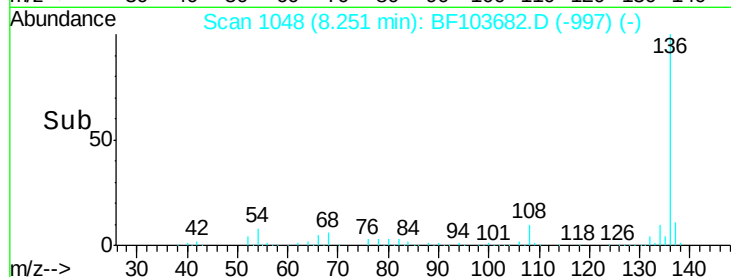


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.183 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Tgt Ion:105 Resp: 649637

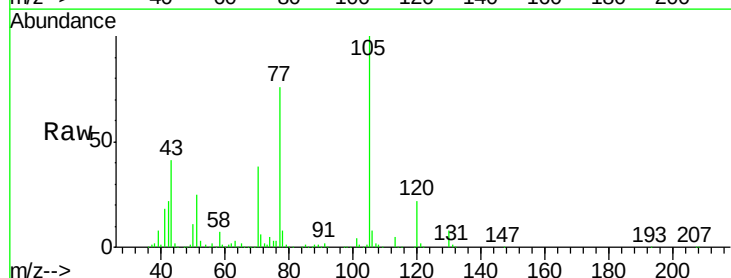
Ion Ratio Lower Upper

105 100

71 6.4 4.4 6.6

51 24.9 22.3 33.5

120 21.8 16.9 25.3

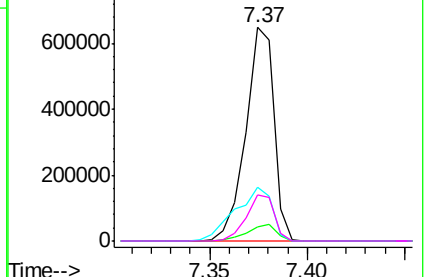
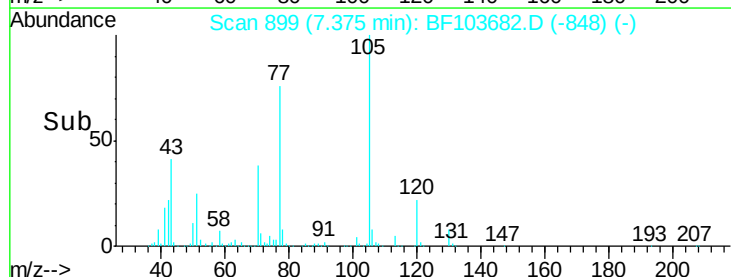


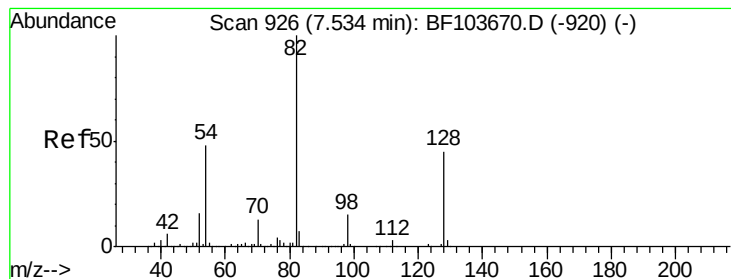
Abundance Ion 105.00 (104.70 to 105.70): E

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: 92.939 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

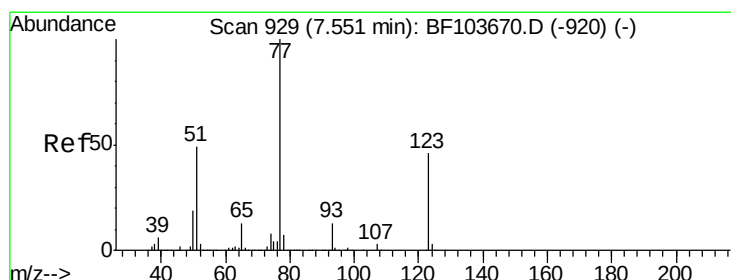
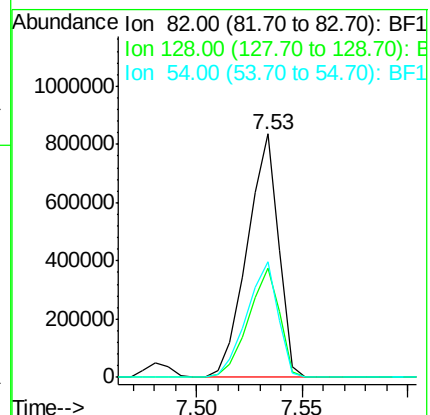
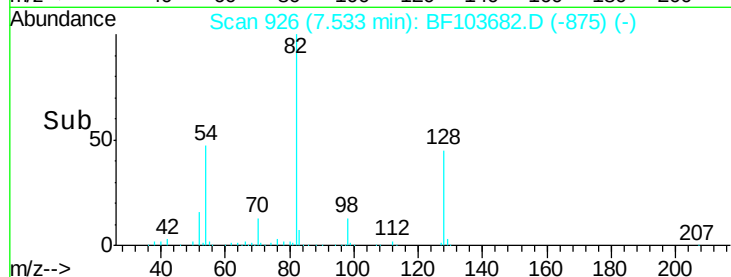
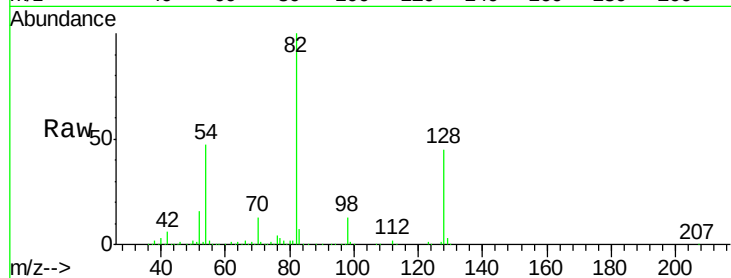
Tot Ion: 82 Resp: 859754

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

54 47.4 41.4 62.2



#24

Nitrobenzene

Concen: 44.384 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

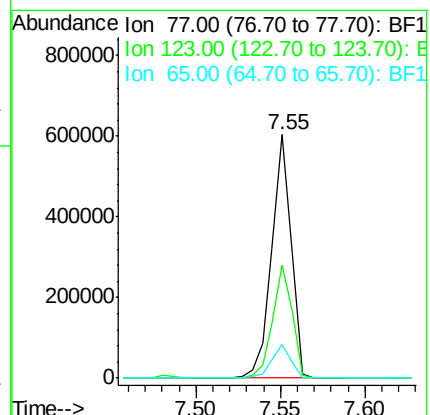
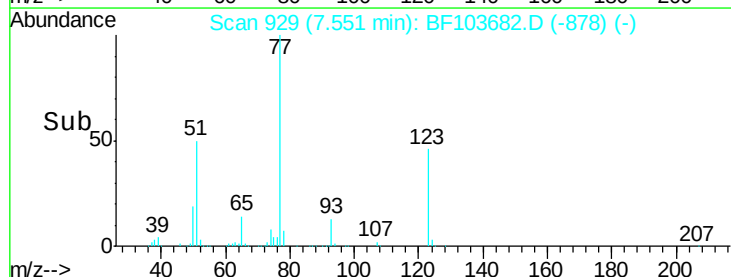
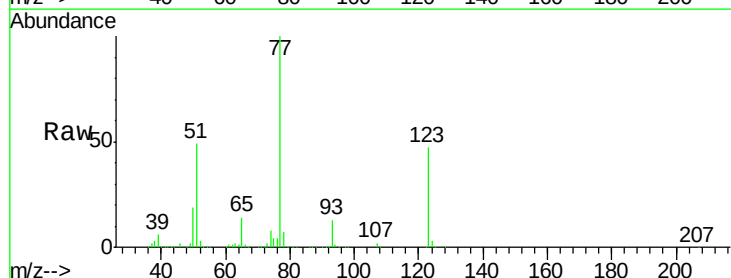
Tgt Ion: 77 Resp: 482031

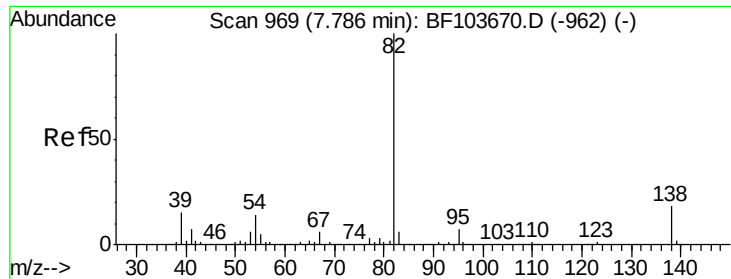
Ion Ratio Lower Upper

77 100

123 46.6 37.9 56.9

65 13.8 11.0 16.4





#25

Isophorone

Concen: 39.296 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

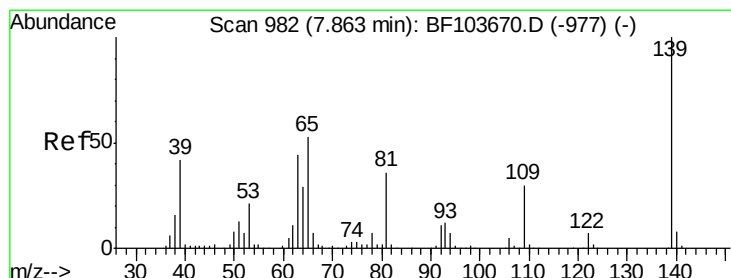
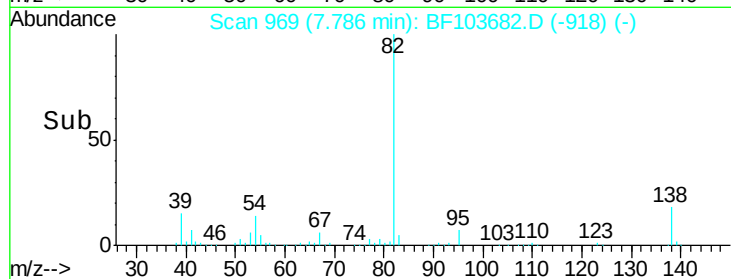
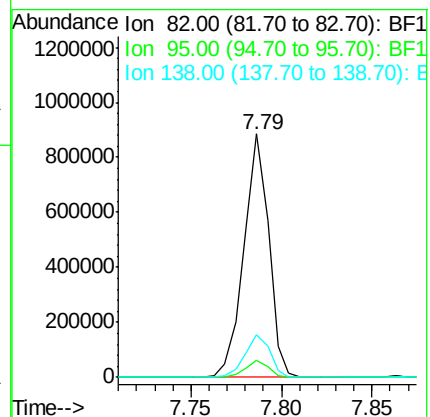
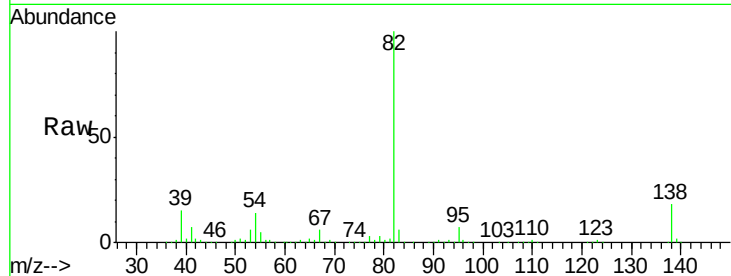
Tot Ion: 82 Resp: 841509

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 47.556 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

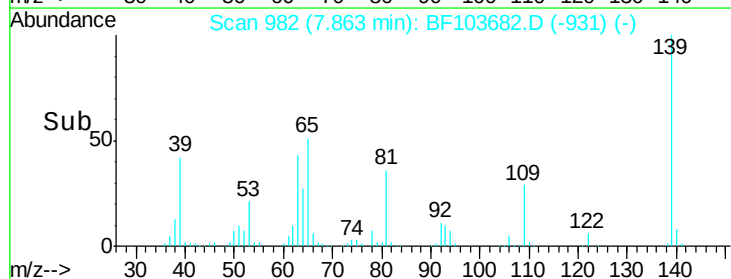
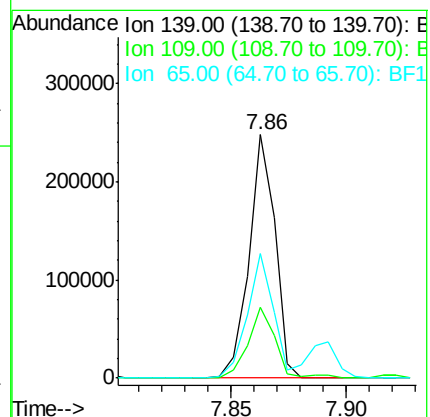
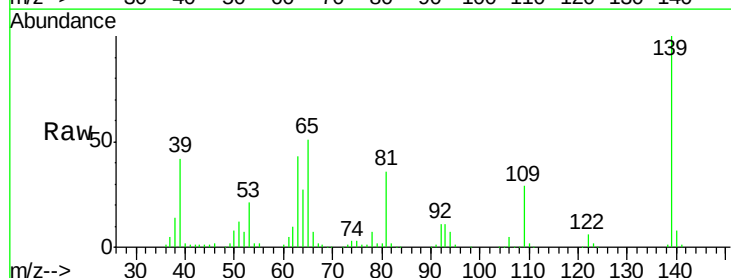
Tgt Ion: 139 Resp: 196051

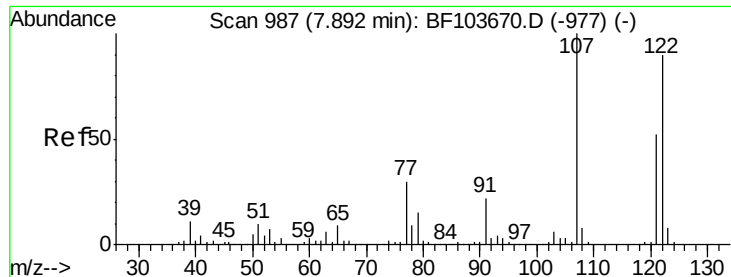
Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

65 51.4 40.5 60.7

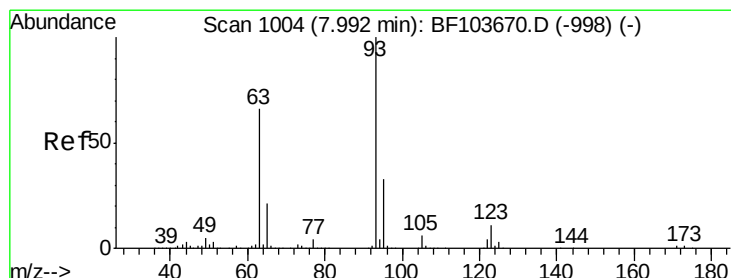
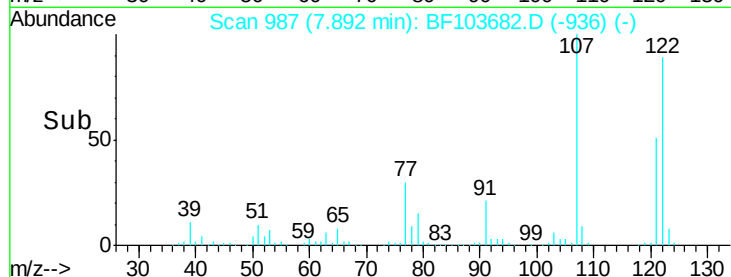
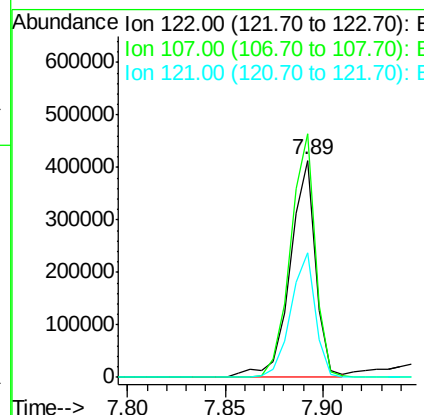
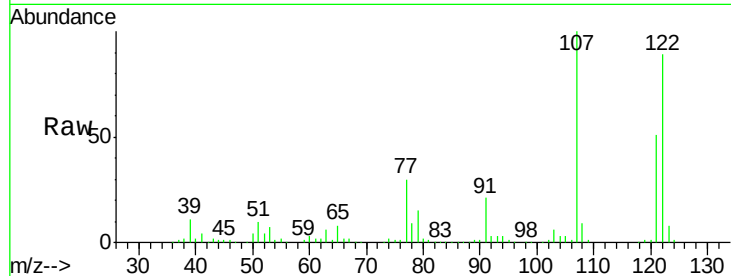




#27
2,4-Dimethylphenol
Concen: 41.048 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

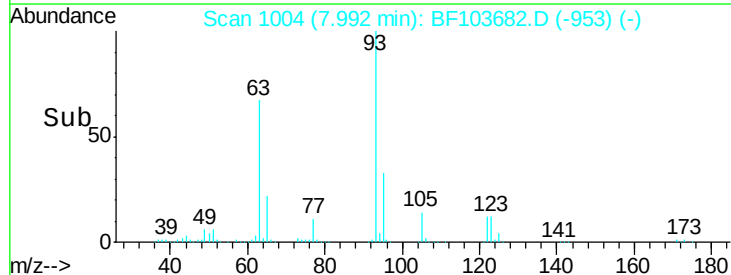
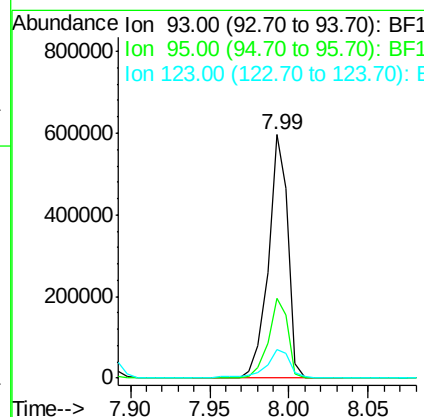
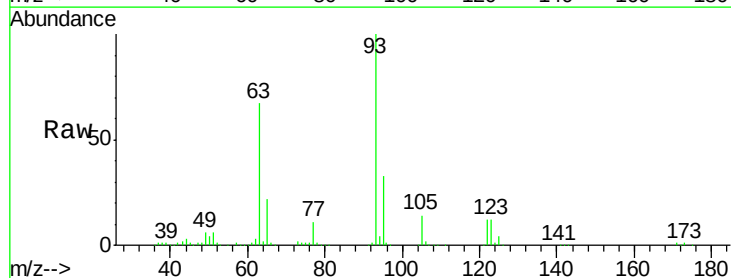
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

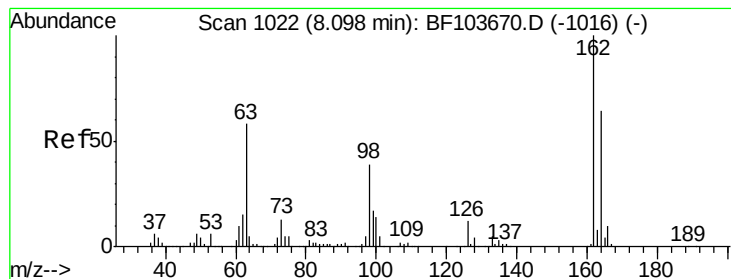
Tot Ion:122 Resp: 376576
Ion Ratio Lower Upper
122 100
107 112.1 91.2 136.8
121 57.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.605 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion: 93 Resp: 513579
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 12.0 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 41.631 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

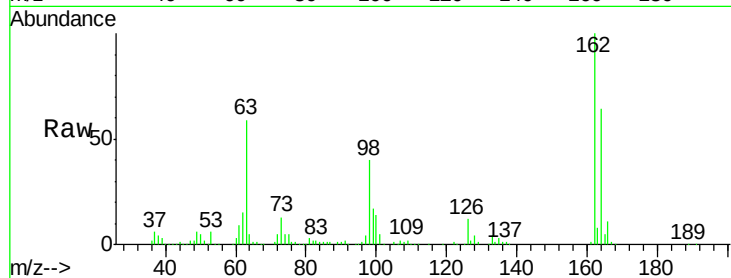
Tot Ion:162 Resp: 347475

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

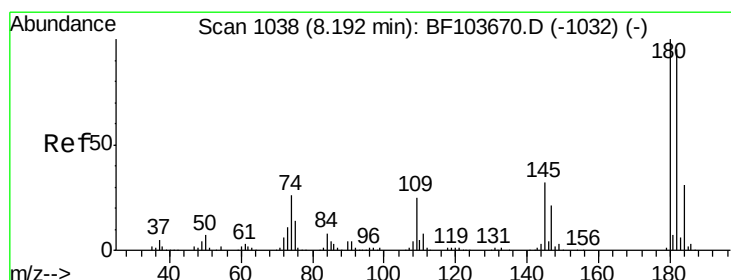
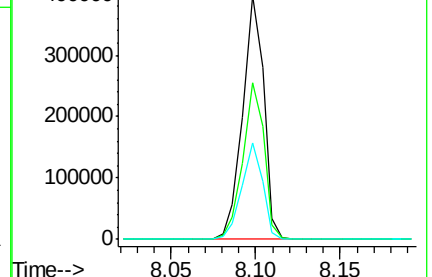
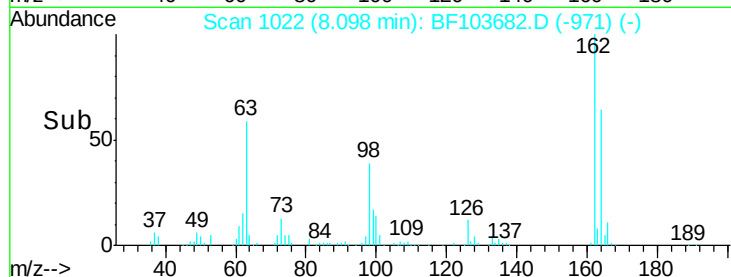
98 39.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.917 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

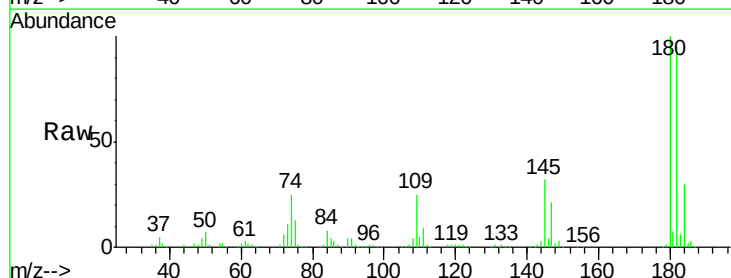
Tgt Ion:180 Resp: 386427

Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

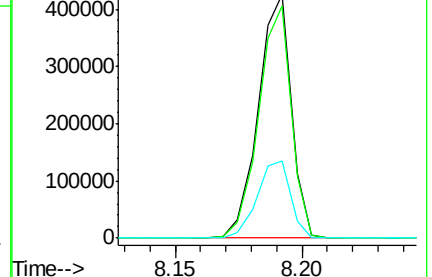
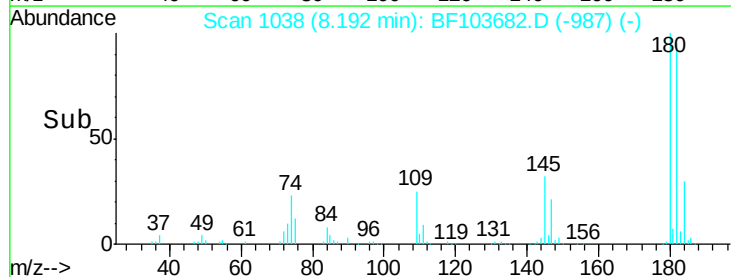
145 31.7 26.5 39.7

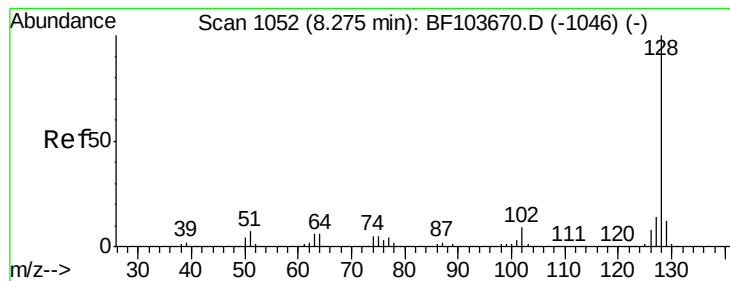


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.373 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

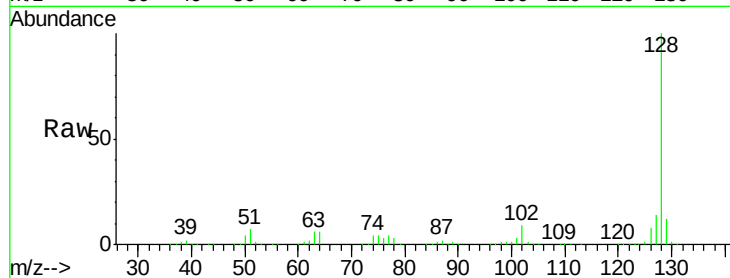
Tot Ion:128 Resp: 1283080

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

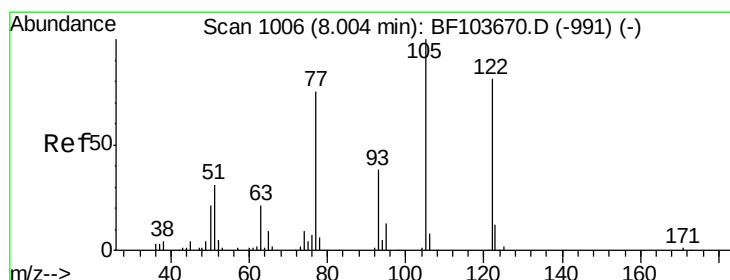
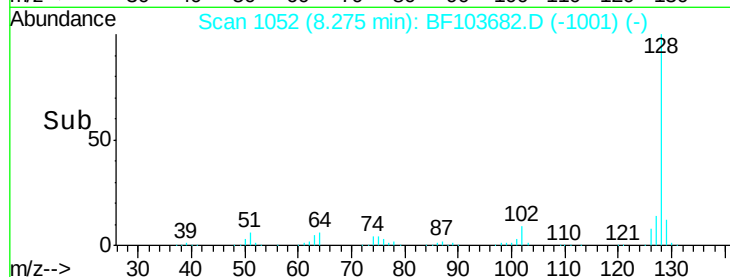
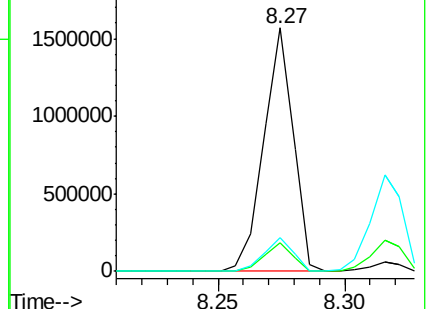
127 13.6 10.9 16.3



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: 46.897 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

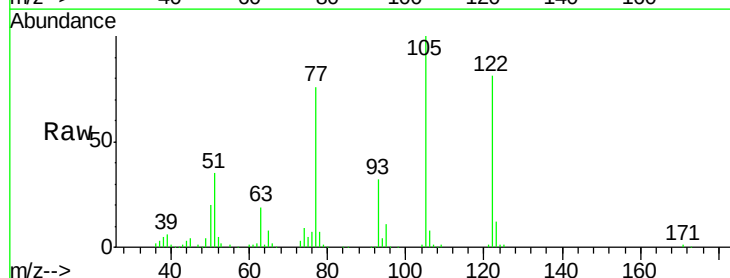
Tgt Ion:122 Resp: 301722

Ion Ratio Lower Upper

122 100

105 124.0 101.1 141.1

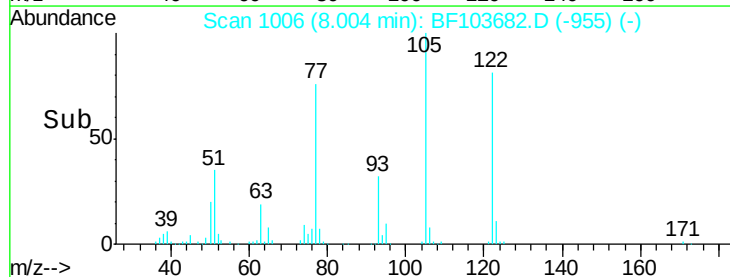
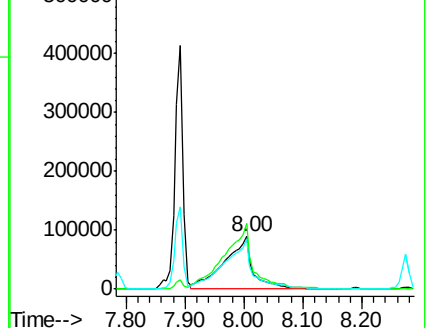
77 94.6 70.7 110.7

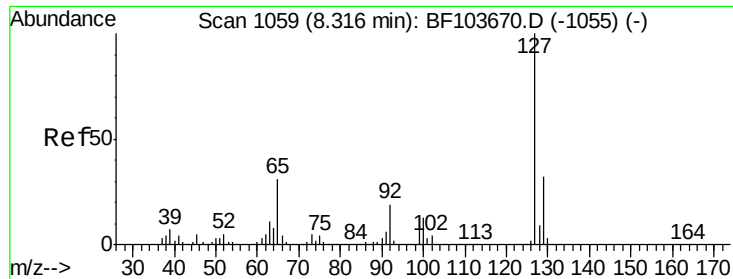


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

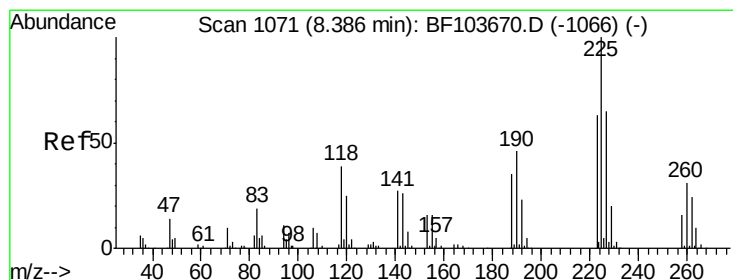
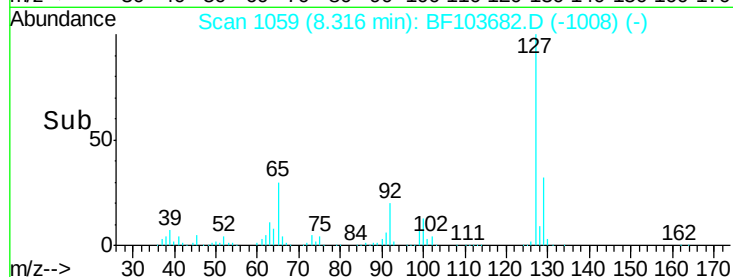
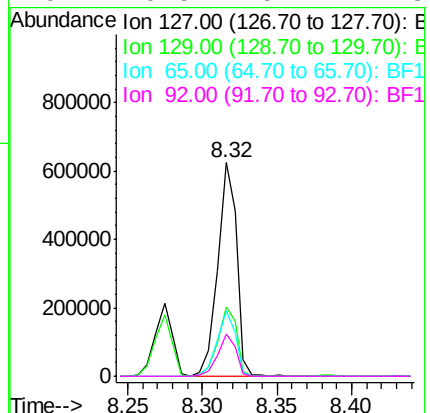
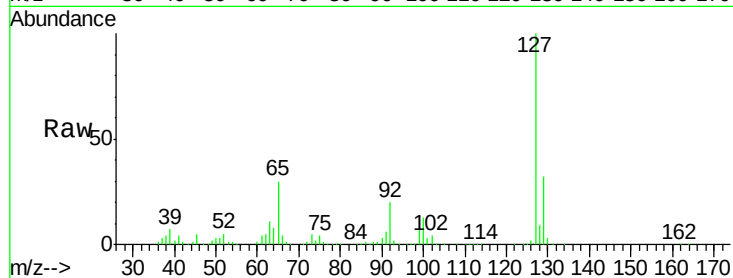




#33
4-Chloroaniline
Concen: 40.427 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

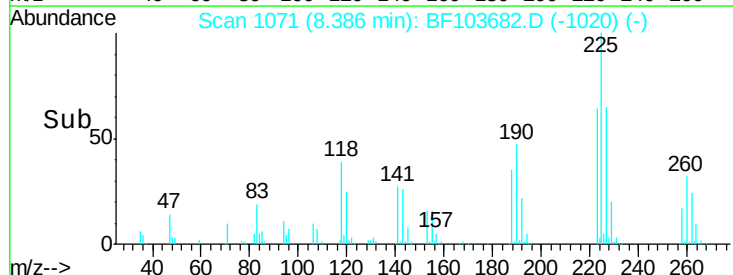
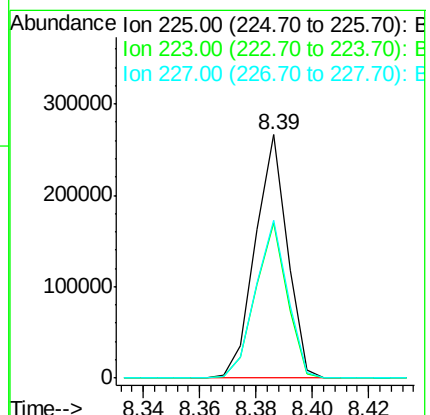
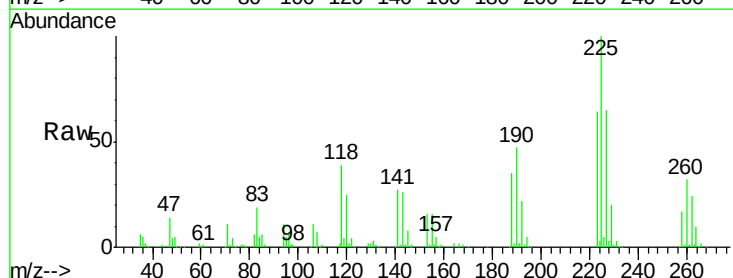
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

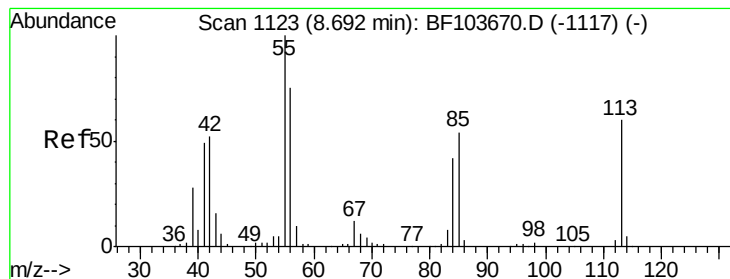
Tot Ion:	127	Resp:	552699
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	30.3	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.576 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion:	225	Resp:	210054
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.6	51.9	77.9





#35

Caprolactam

Concen: 41.388 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

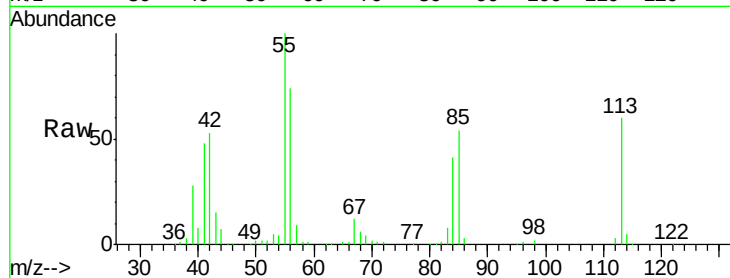
Tot Ion:113 Resp: 118951

Ion Ratio Lower Upper

113 100

55 167.7 163.3 203.3

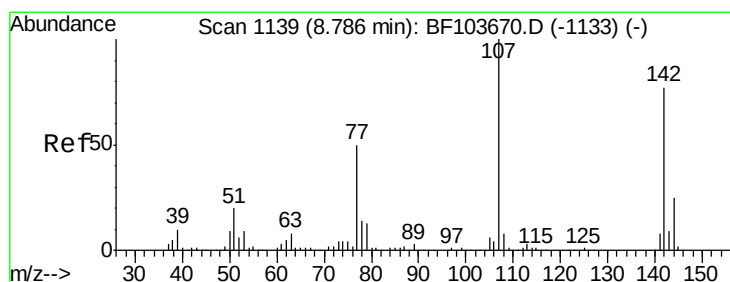
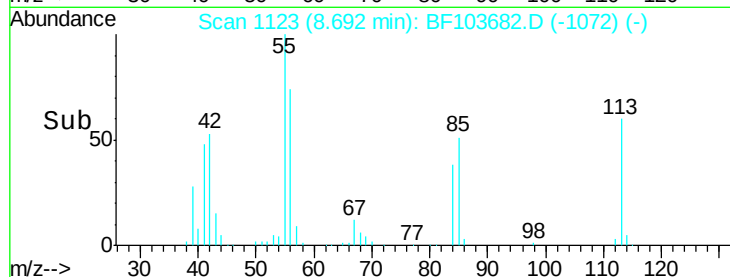
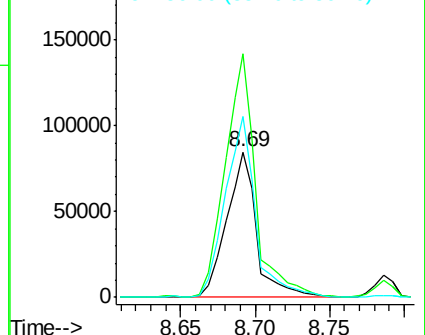
56 124.2 115.7 155.7



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: 41.621 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

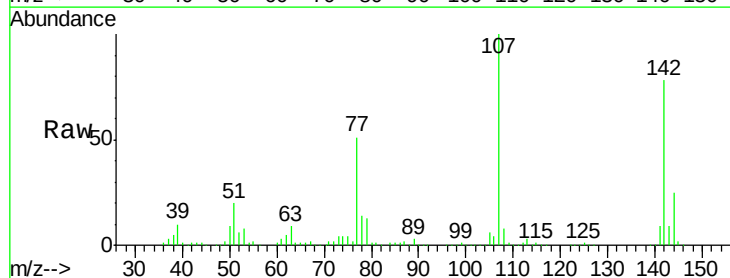
Tgt Ion:107 Resp: 382974

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

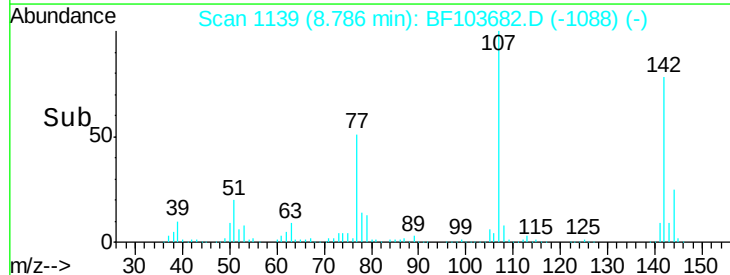
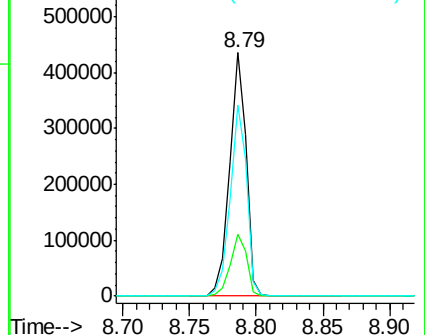
142 78.4 62.0 93.0

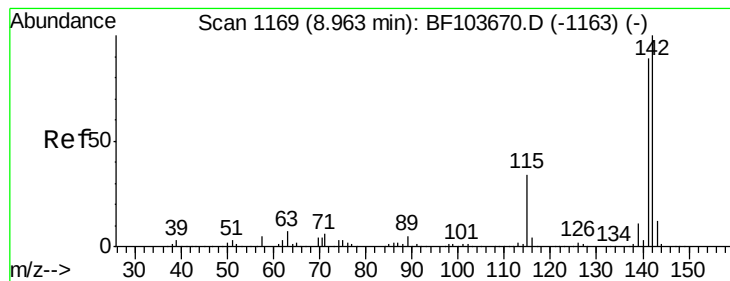


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.010 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

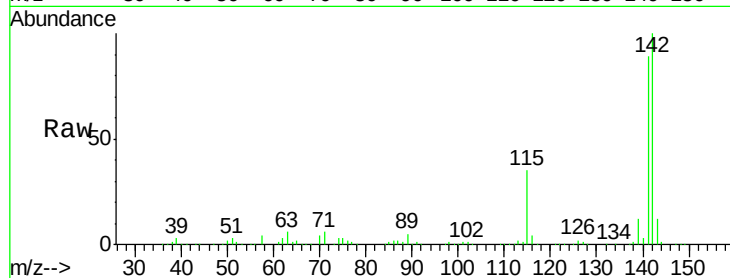
Tot Ion:142 Resp: 826825

Ion Ratio Lower Upper

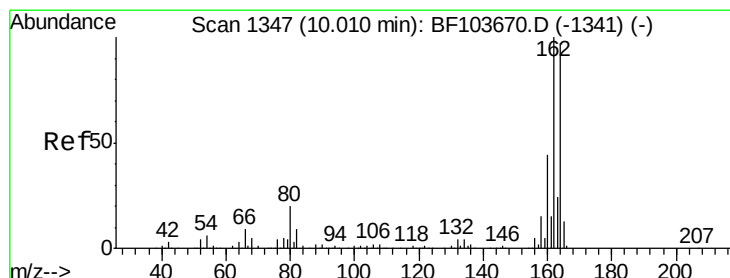
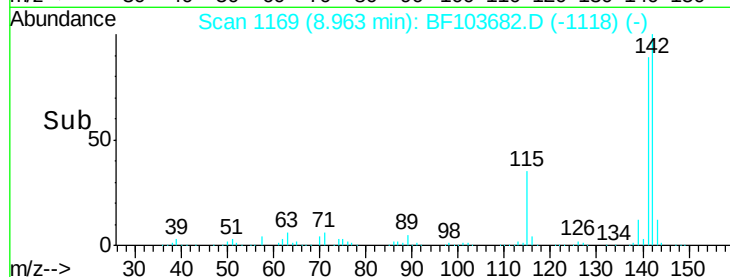
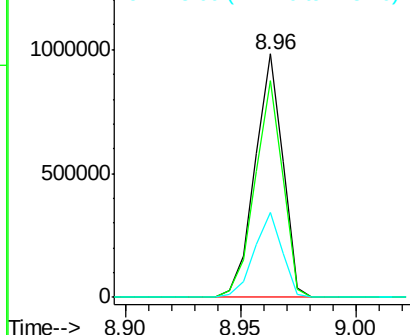
142 100

141 89.0 70.8 106.2

115 34.9 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

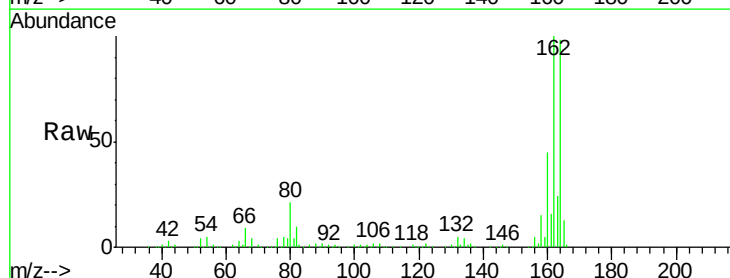
Tgt Ion:164 Resp: 300184

Ion Ratio Lower Upper

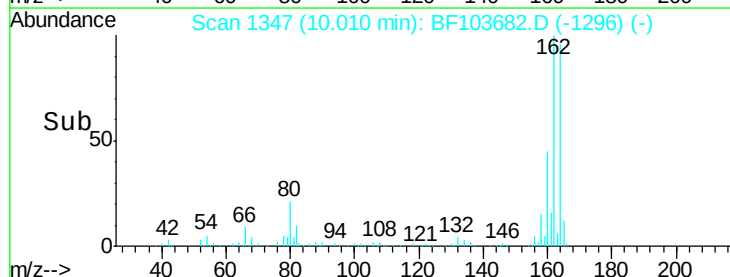
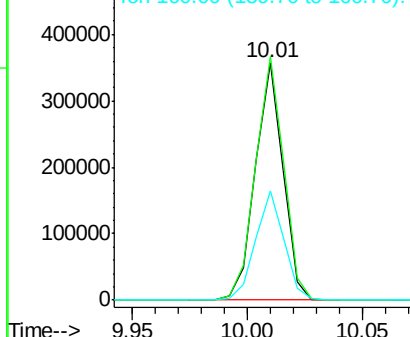
164 100

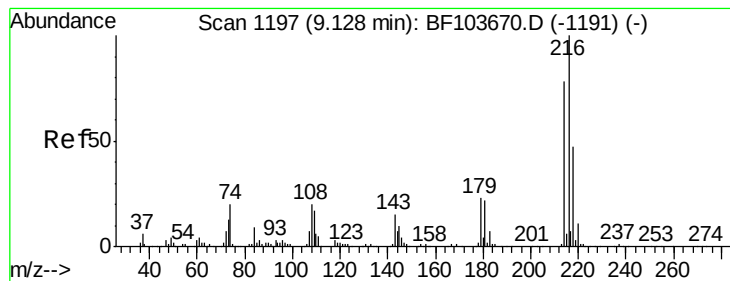
162 102.5 86.1 129.1

160 45.9 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.737 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 348865

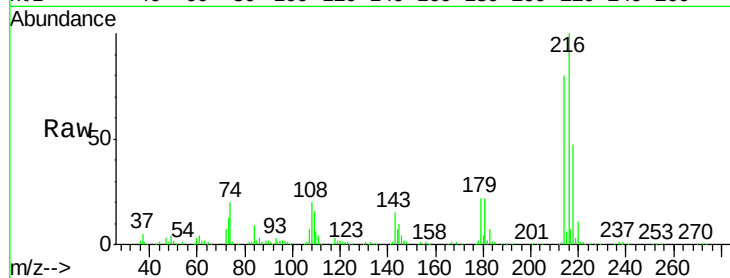
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 22.5 18.1 27.1

108 22.5 17.2 25.8

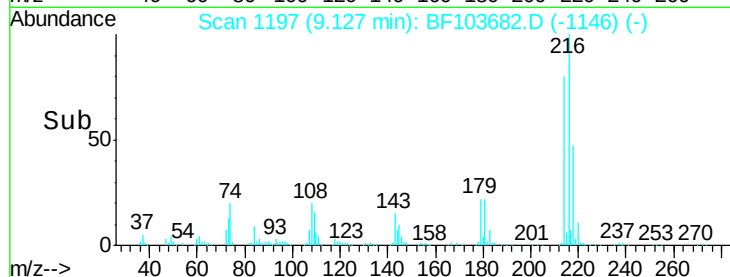


Abundance Ion 216.00 (215.70 to 216.70): E

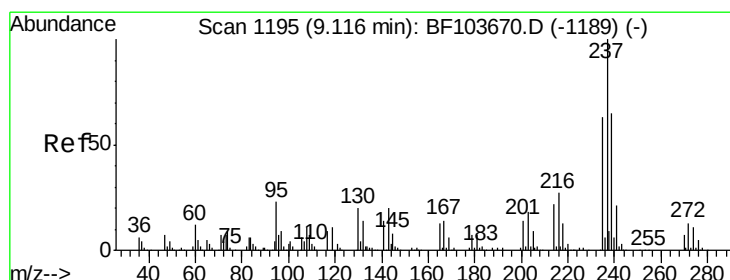
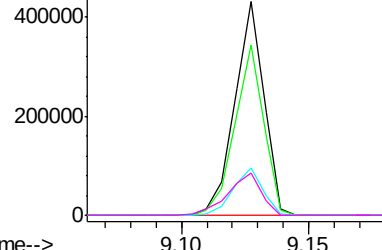
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 45.264 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

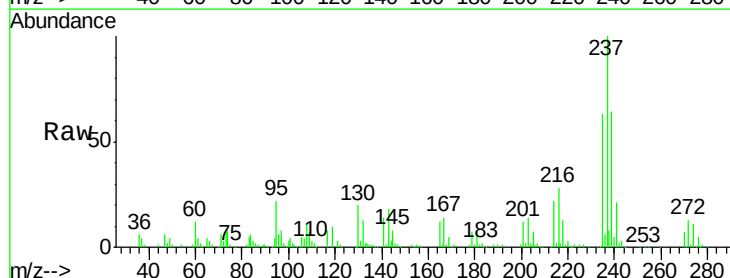
Tgt Ion:237 Resp: 200021

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

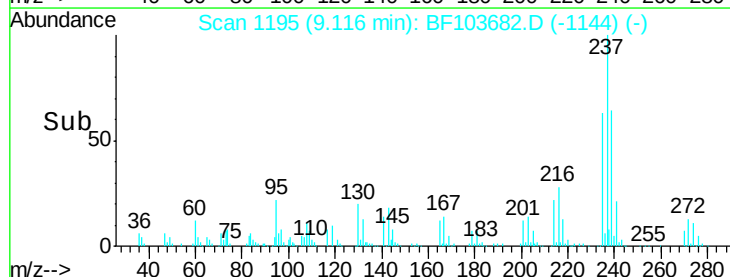
272 13.3 0.0 33.3



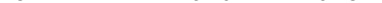
Abundance Ion 236.80 (236.50 to 237.50): E

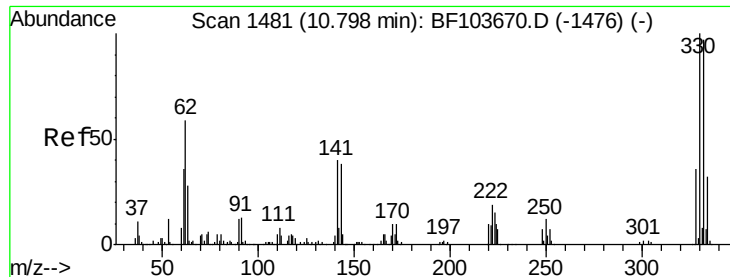
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 91.311 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

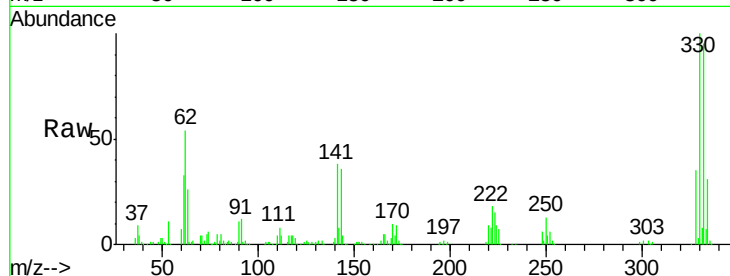
Tot Ion:330 Resp: 235673

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

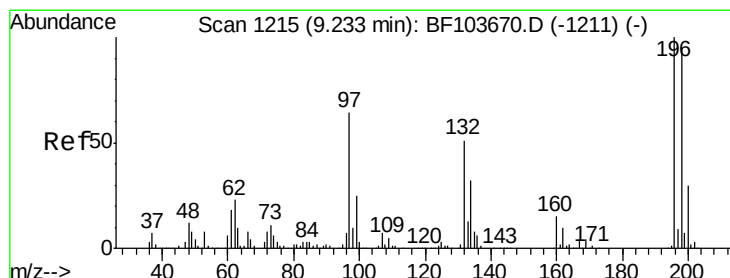
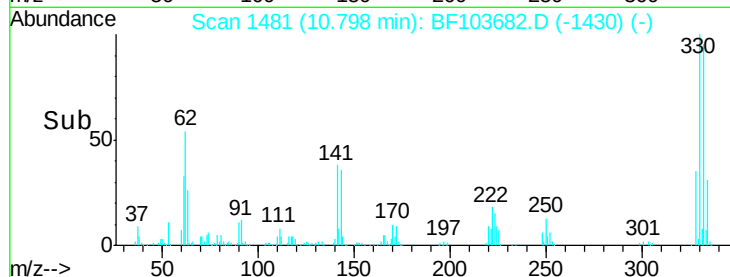
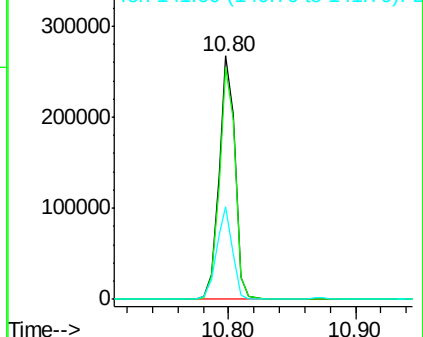
141 37.9 29.9 44.9



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: 43.704 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

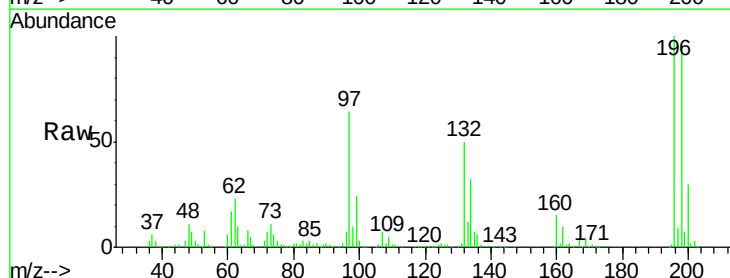
Tgt Ion:196 Resp: 239397

Ion Ratio Lower Upper

196 100

198 96.4 75.7 113.5

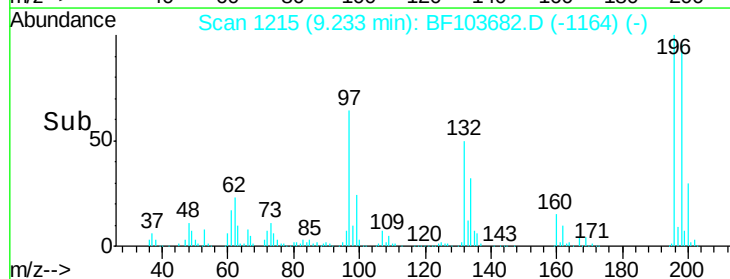
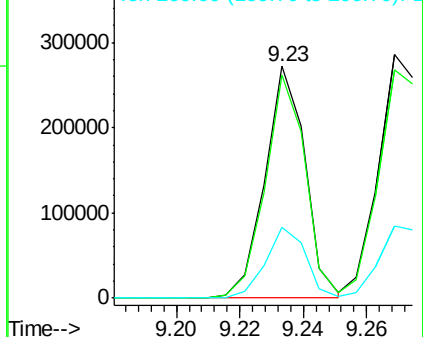
200 30.4 24.5 36.7

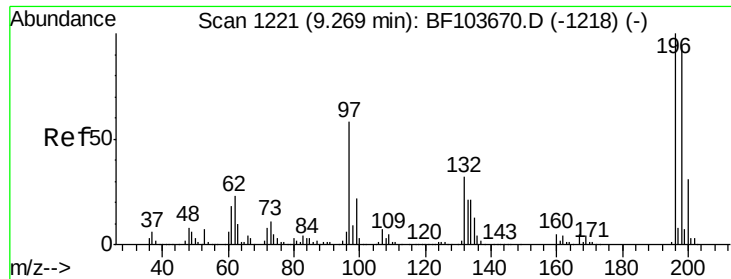


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

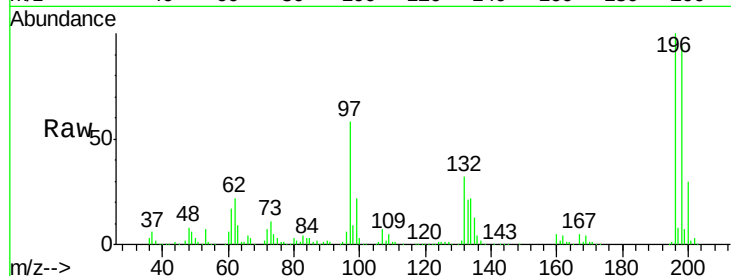




#43
 2,4,5-Trichlorophenol
 Concen: 43.724 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	93.9	74.6	112.0	
97	57.6	42.9	64.3	
132	32.1	26.3	39.5	



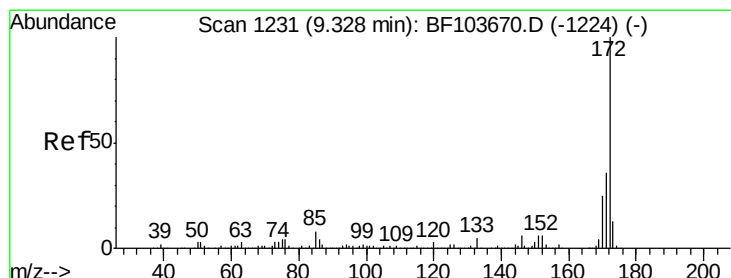
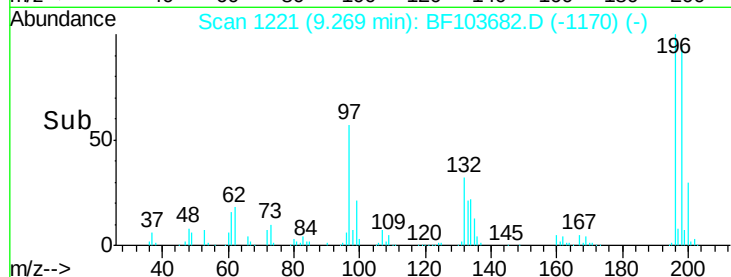
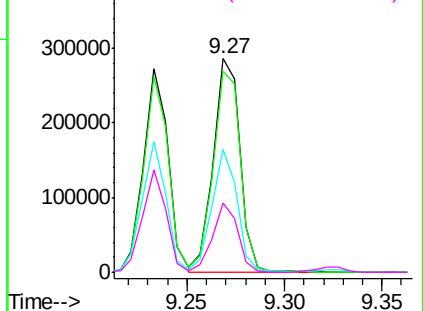
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

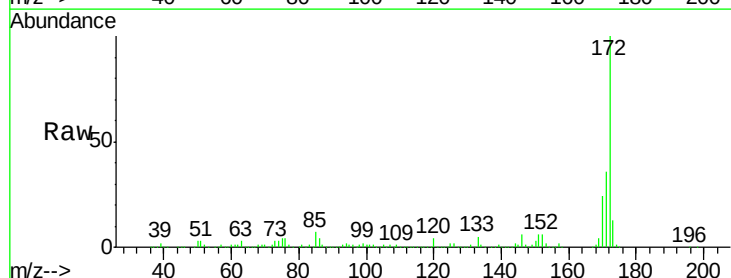
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.248 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	24.3	19.6	29.4	

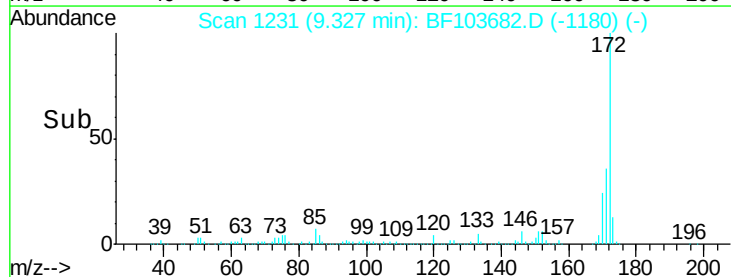
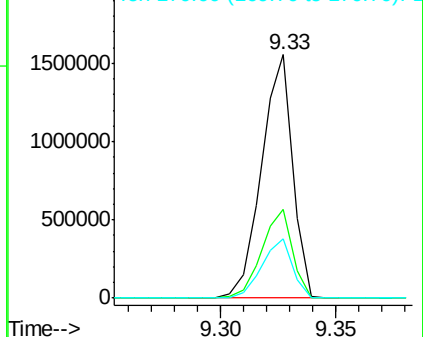


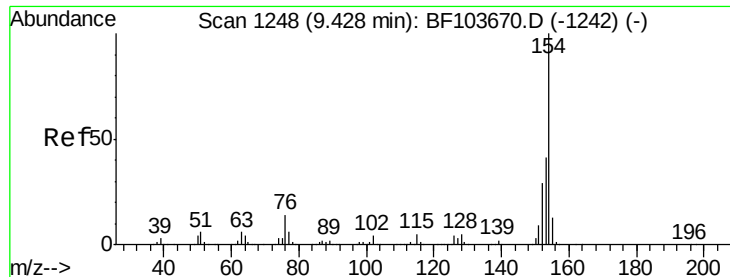
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.895 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

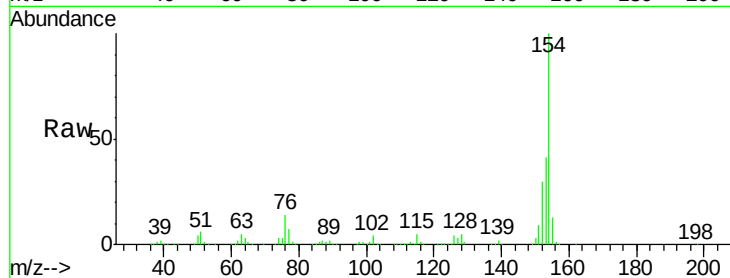
Tot Ion:154 Resp: 998609

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

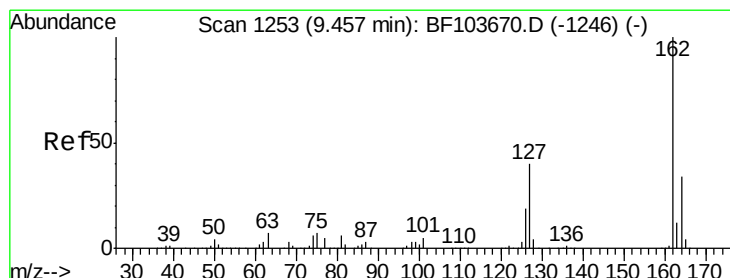
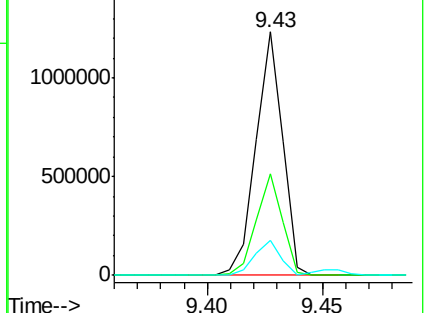
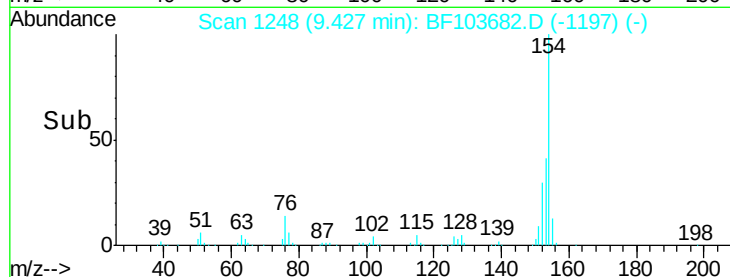
76 14.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 39.931 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

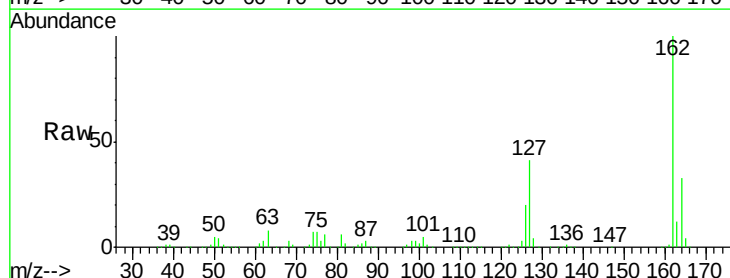
Tgt Ion:162 Resp: 793875

Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

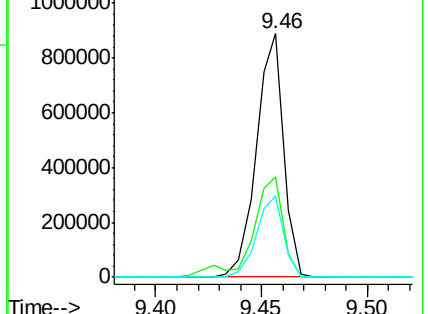
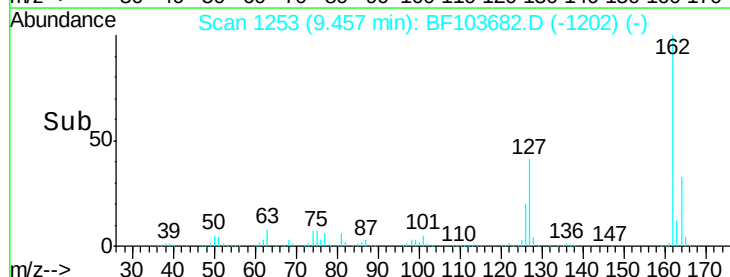
164 33.2 26.5 39.7

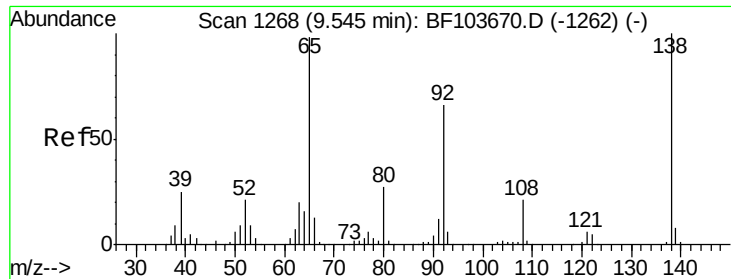


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

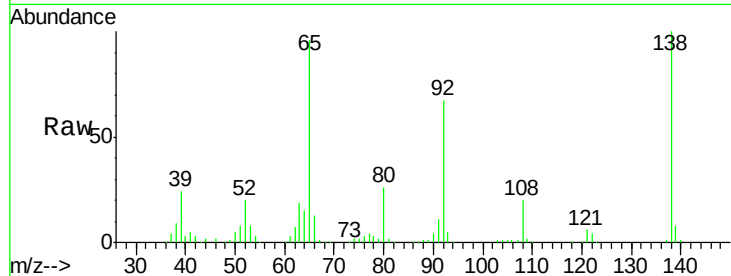




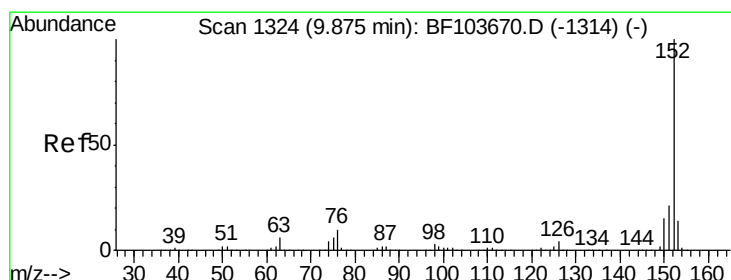
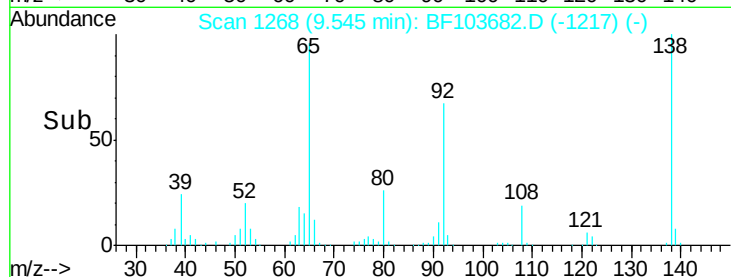
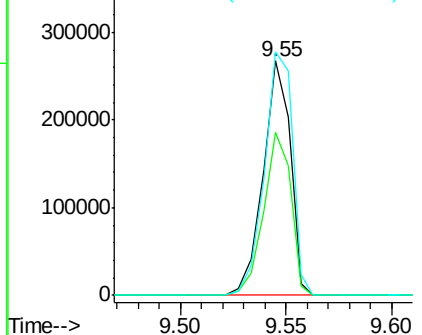
#47
2-Nitroaniline
Concen: 46.298 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 65 Resp: 239324
Ion Ratio Lower Upper
65 100
92 69.5 55.8 83.6
138 103.8 91.2 136.8

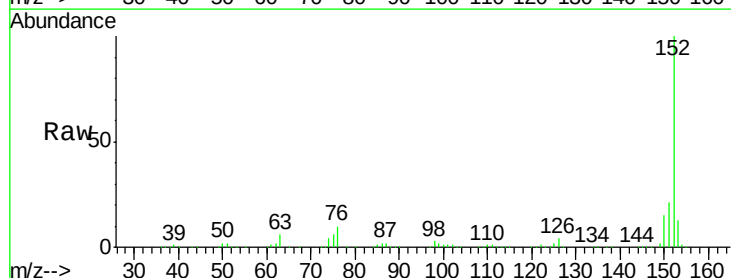


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

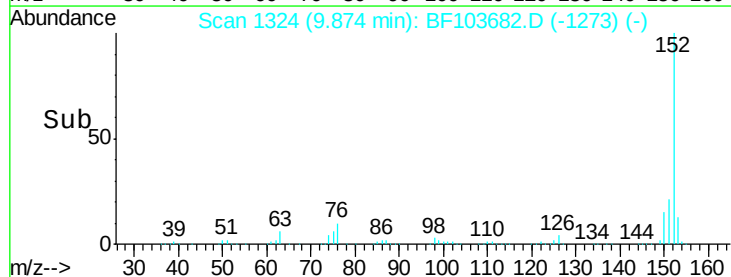
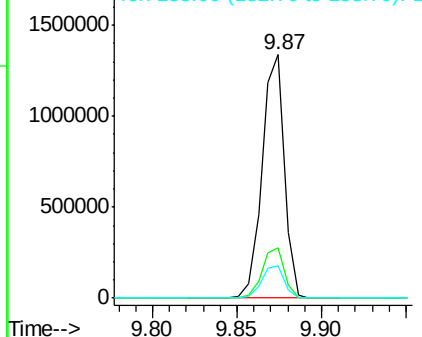


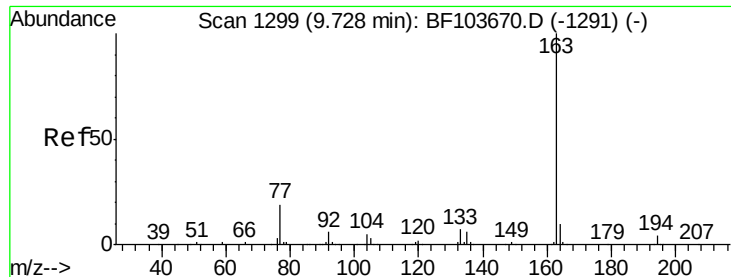
#48
Acenaphthylene
Concen: 39.610 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion: 152 Resp: 1221153
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

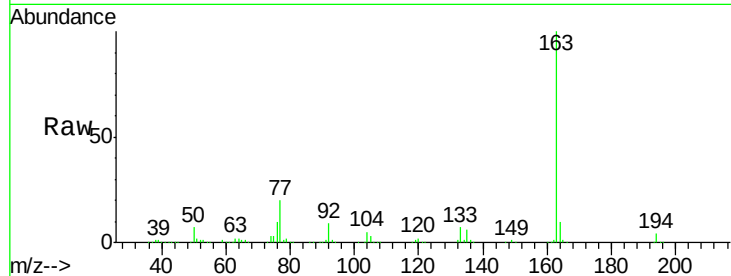




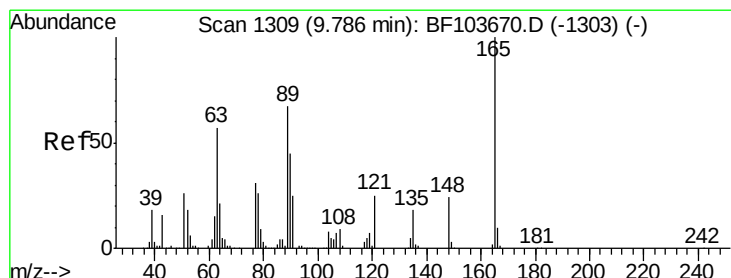
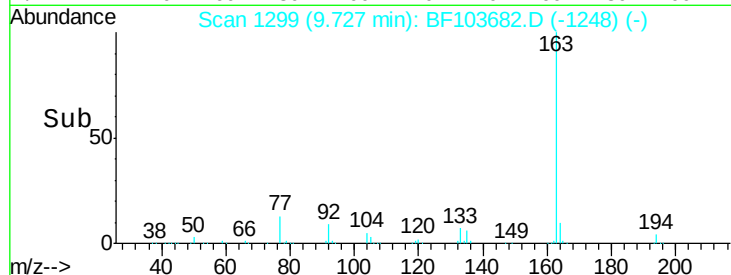
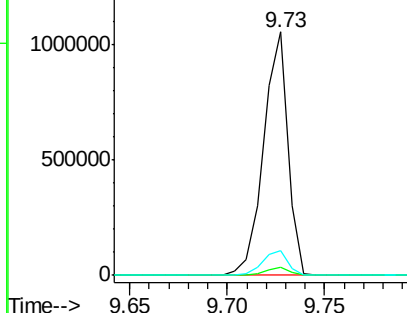
#49
Dimethylphthalate
Concen: 39.831 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 912232
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

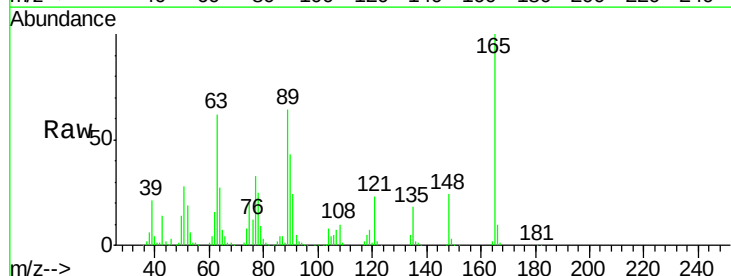


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

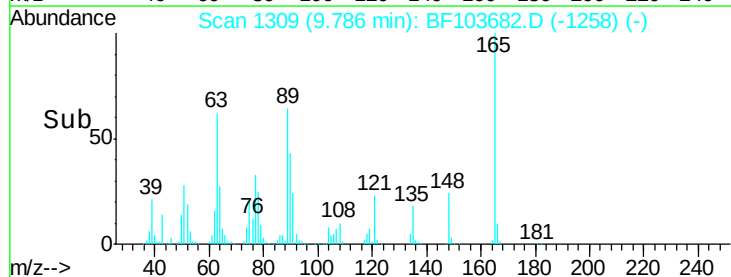
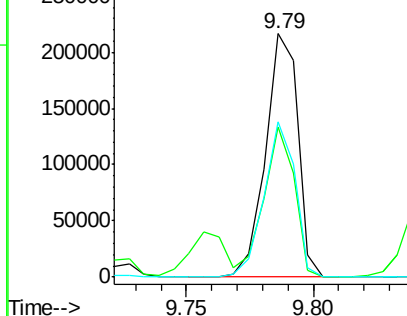


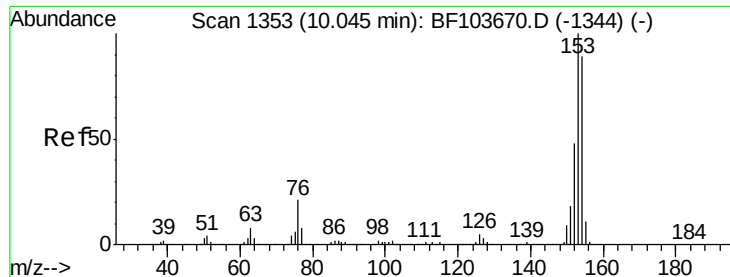
#50
2,6-Dinitrotoluene
Concen: 44.176 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion:165 Resp: 194183
Ion Ratio Lower Upper
165 100
63 61.8 44.7 67.1
89 64.0 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: 40.621 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

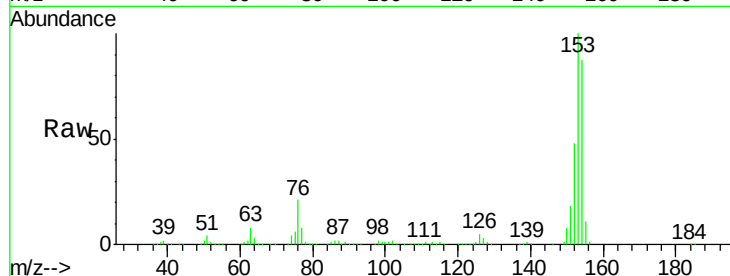
Tot Ion:154 Resp: 743591

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

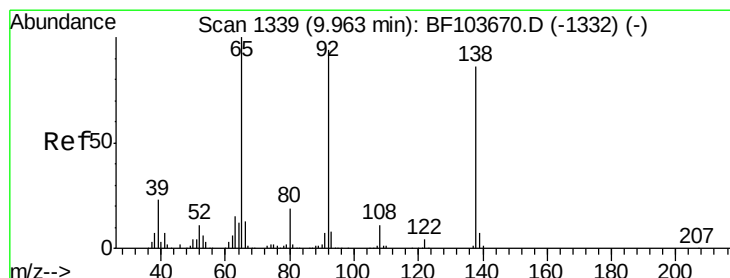
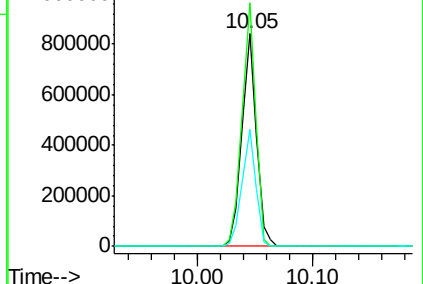
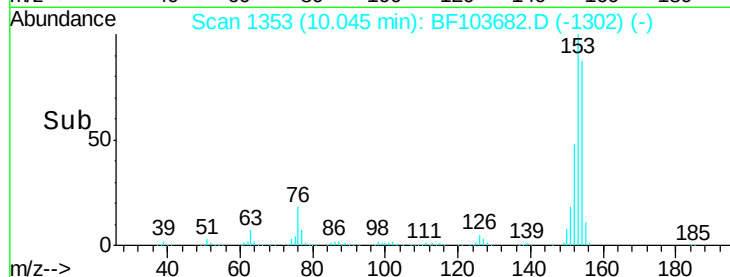
152 54.9 43.8 65.8



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: 44.221 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

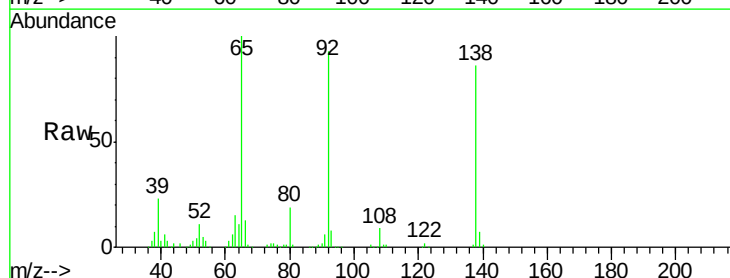
Tgt Ion:138 Resp: 233072

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

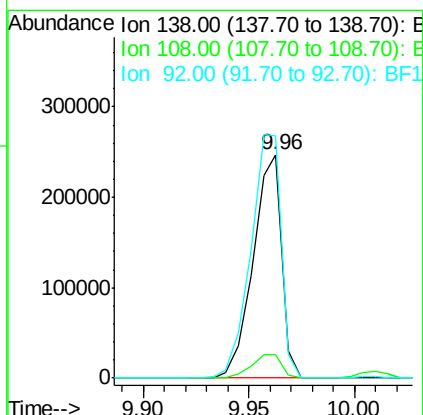
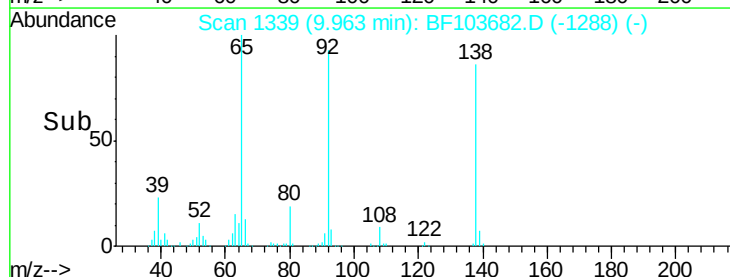
92 108.5 89.4 134.2

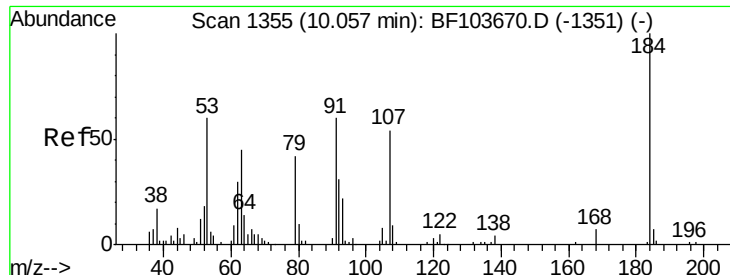


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

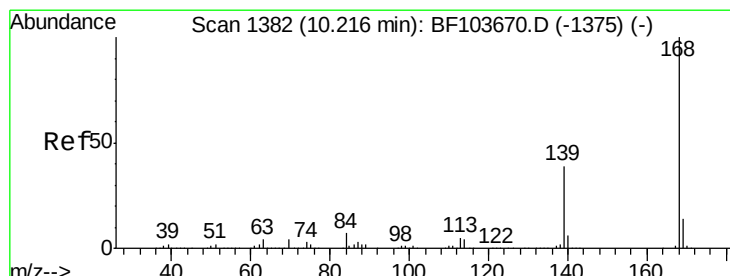
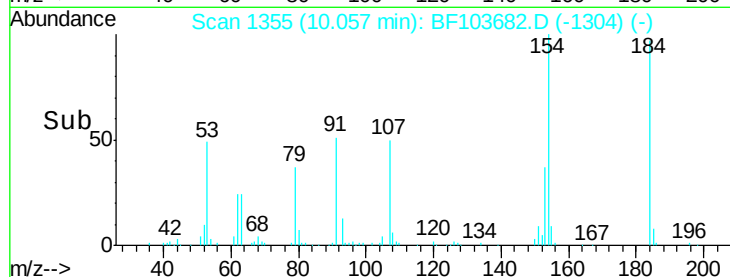
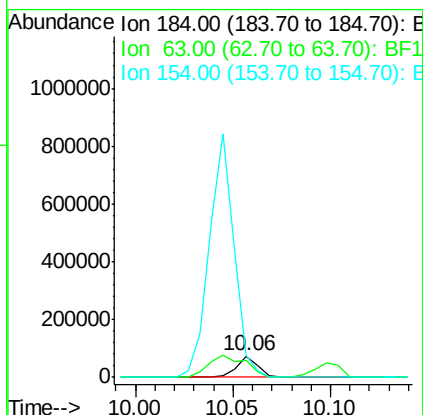
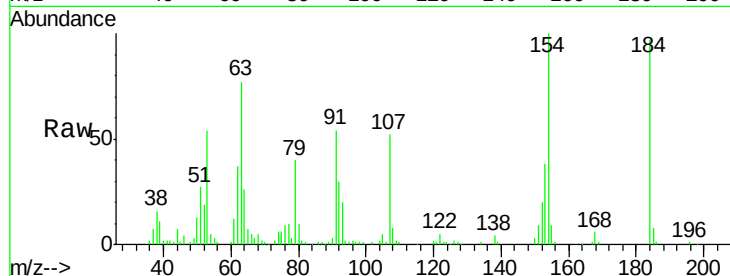




#53
 2,4-Dinitrophenol
 Concen: 52.942 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

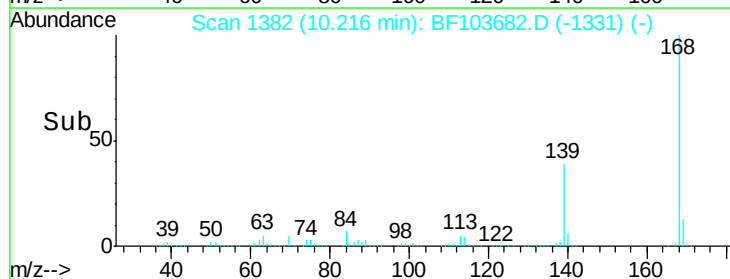
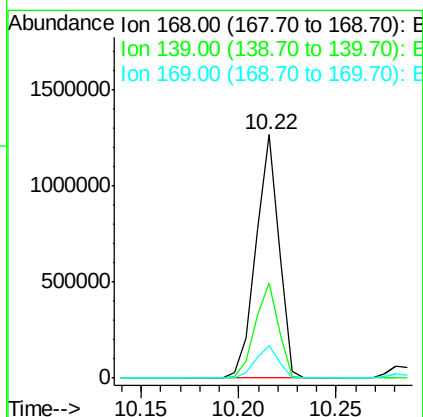
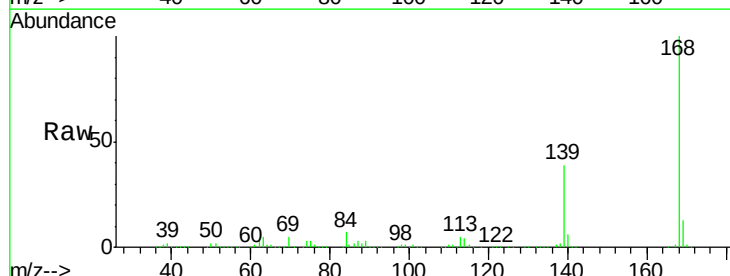
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

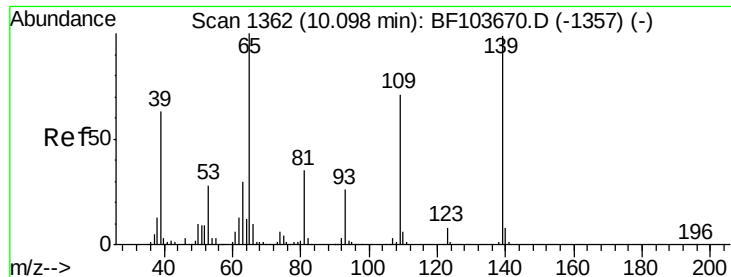
Tot Ion:184 Resp: 53259
 Ion Ratio Lower Upper
 184 100
 63 79.7 54.2 81.2
 154 102.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.636 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Tgt Ion:168 Resp: 1036265
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.1 45.1
 169 13.4 10.9 16.3

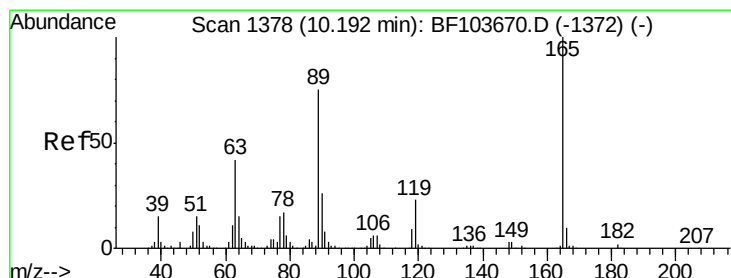
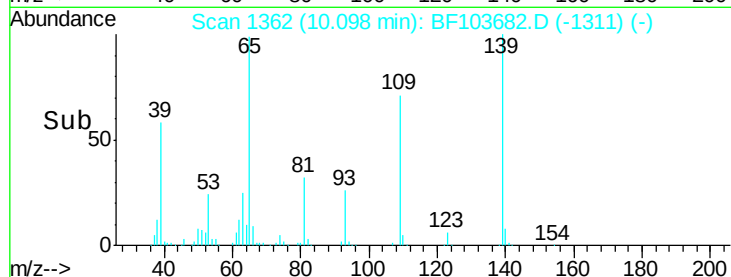
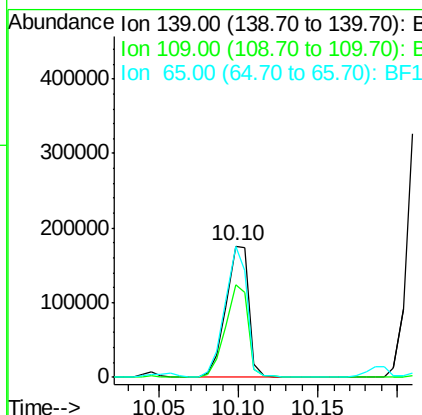
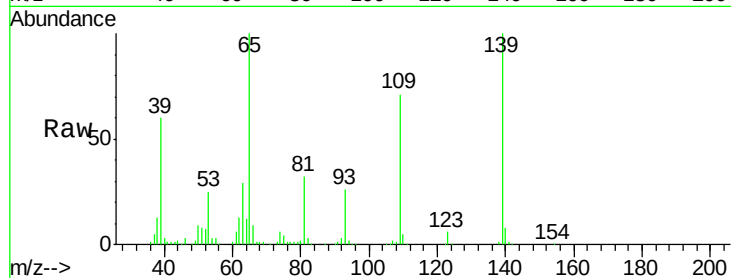




#55
4-Nitrophenol
Concen: 44.622 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

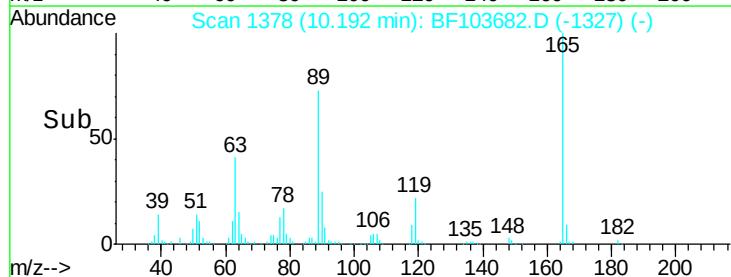
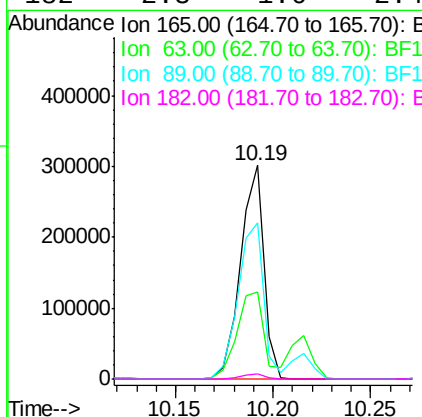
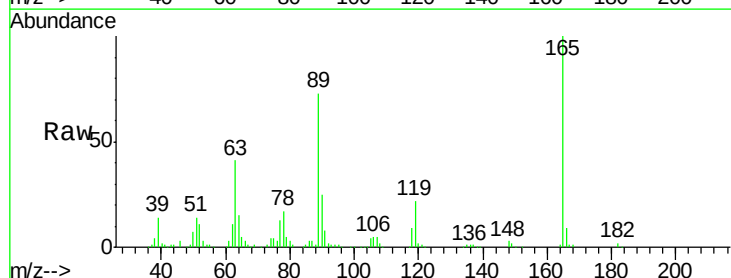
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

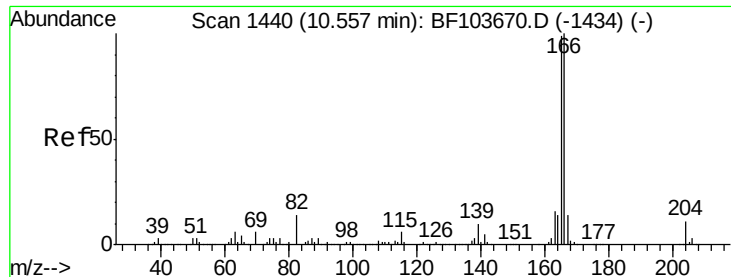
Tot Ion:139 Resp: 177276
Ion Ratio Lower Upper
139 100
109 70.7 48.4 88.4
65 99.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.130 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion:165 Resp: 250914
Ion Ratio Lower Upper
165 100
63 40.8 36.4 54.6
89 73.1 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 39.328 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

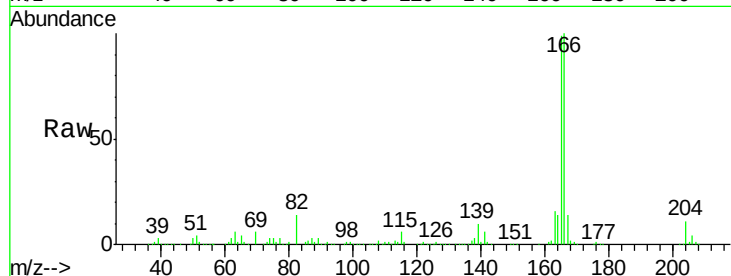
Tot Ion:166 Resp: 797856

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

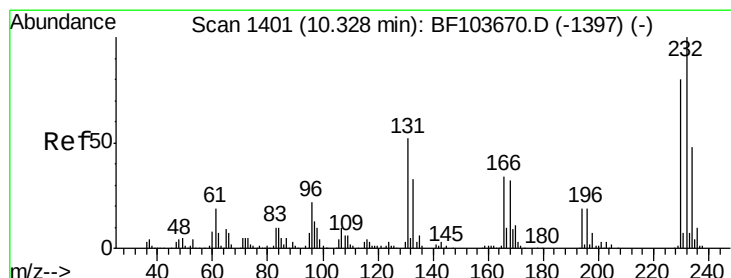
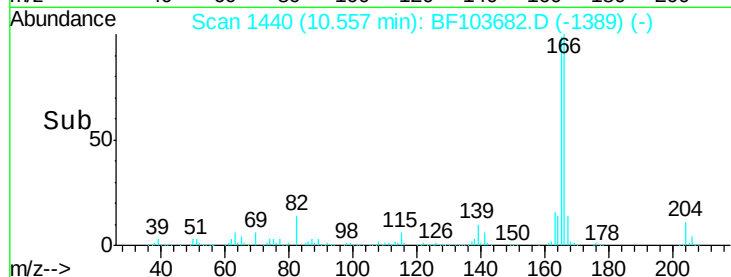
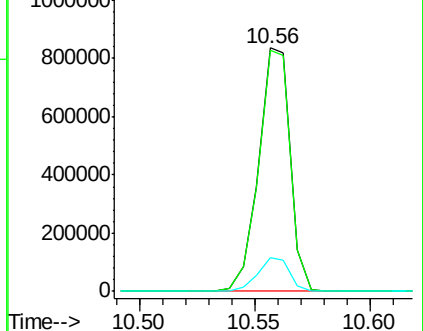
167 13.8 10.6 16.0



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: 45.754 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Tgt Ion:232 Resp: 200444

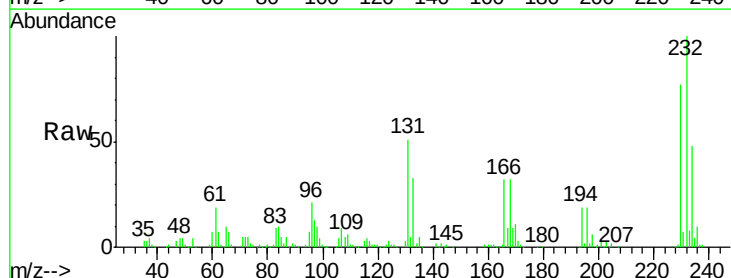
Ion Ratio Lower Upper

232 100

131 52.4 43.8 65.8

130 2.7 2.1 3.1

166 32.8 27.8 41.6

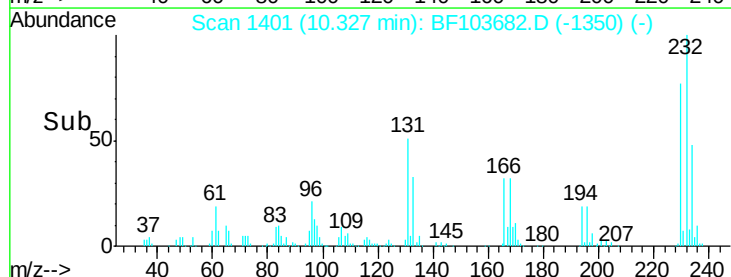
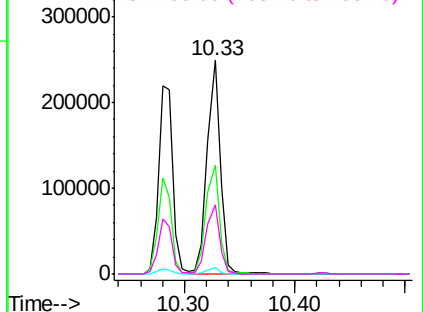


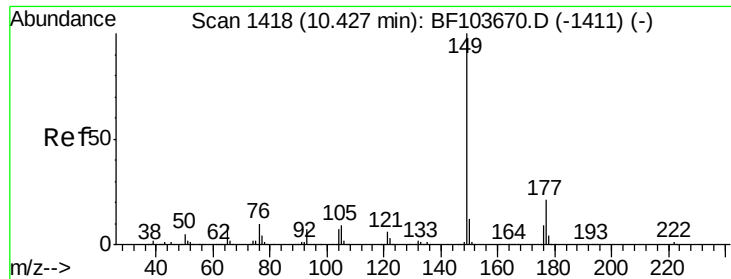
Abundance Ion 232.00 (231.70 to 232.70): E

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

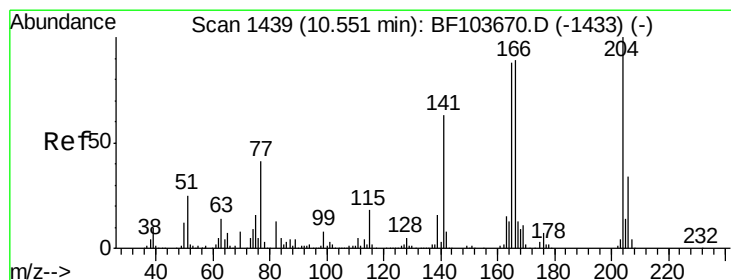
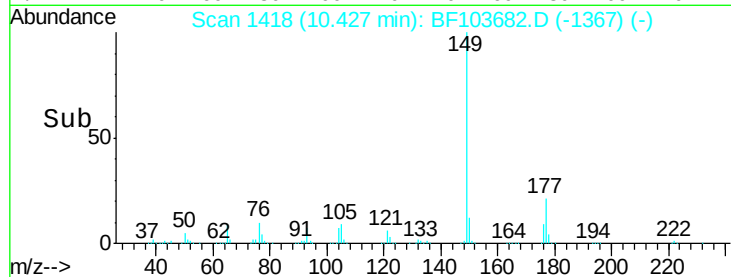
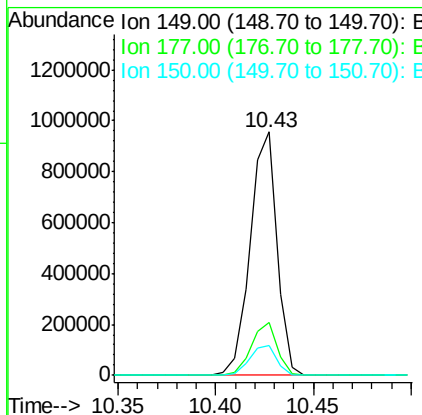
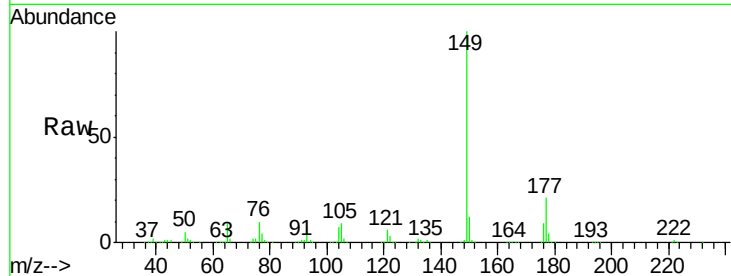




#59
Diethylphthalate
Concen: 39.911 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

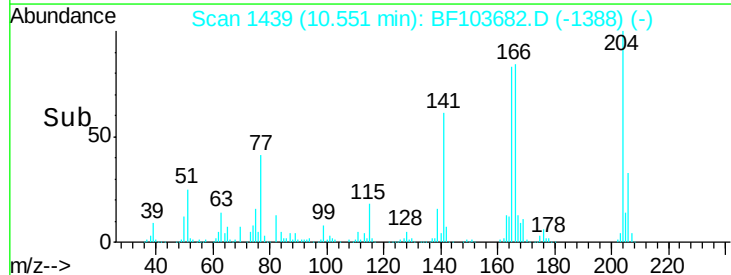
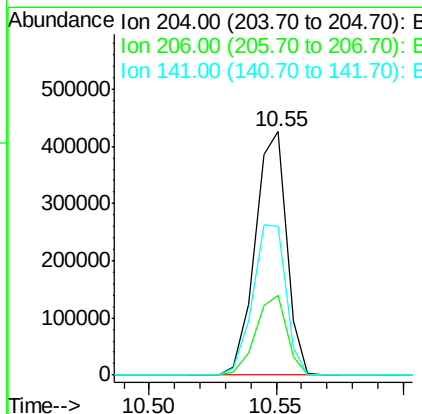
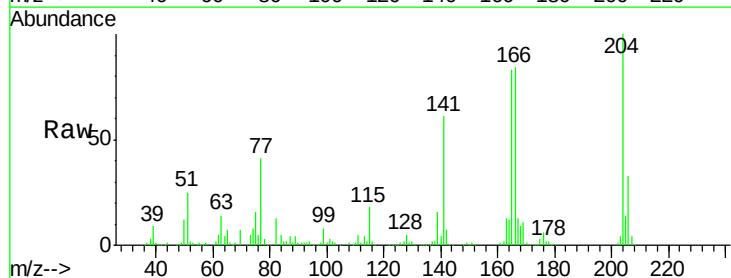
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

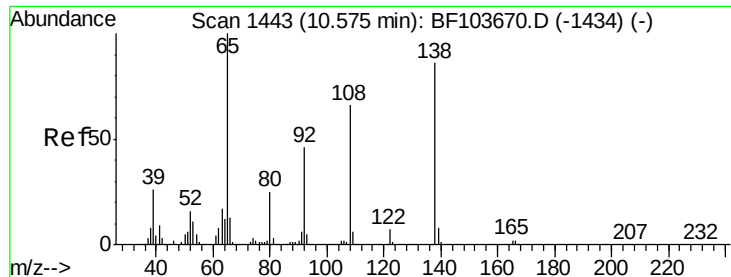
Tot Ion:149 Resp: 907237
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.900 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion:204 Resp: 369939
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.1 54.6 81.8

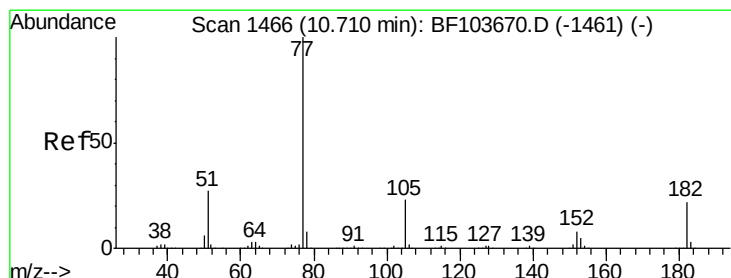
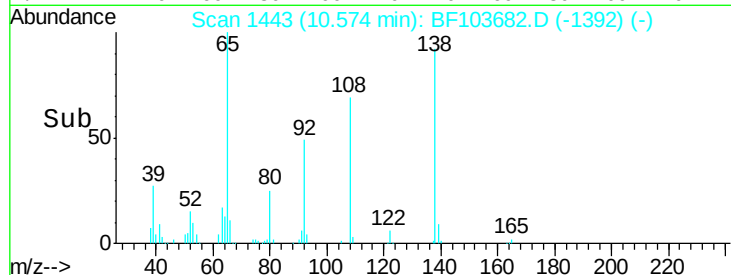
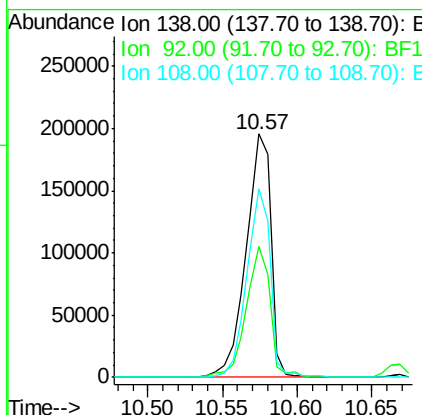
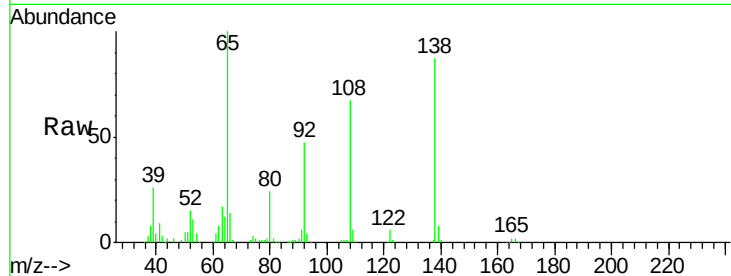




#61
4-Nitroaniline
Concen: 44.192 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

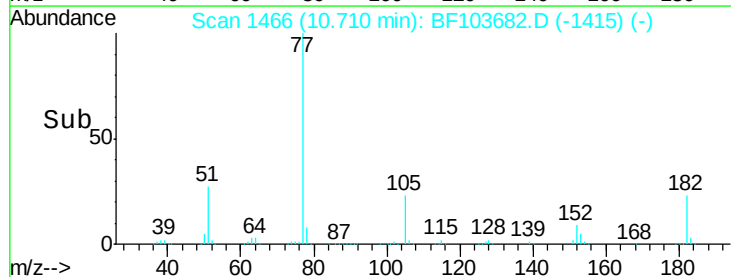
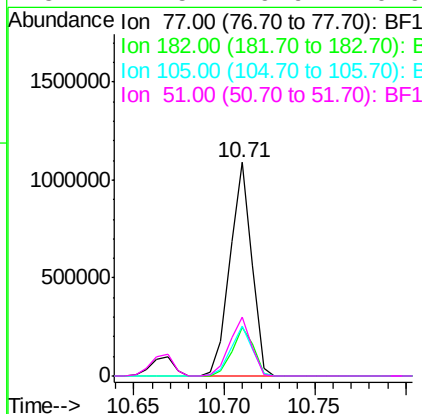
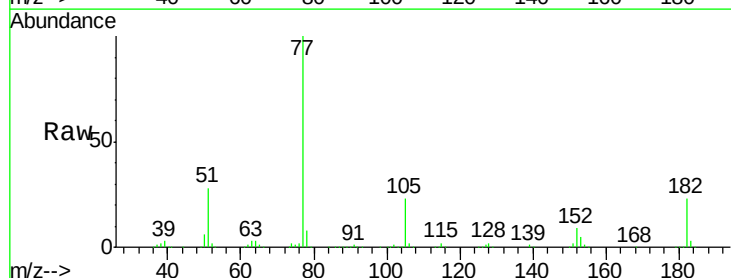
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

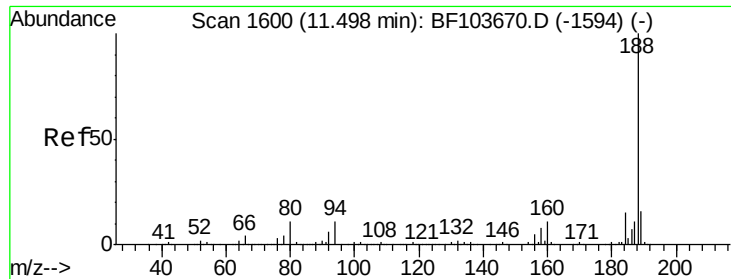
Tot Ion:138 Resp: 224187
Ion Ratio Lower Upper
138 100
92 53.9 30.2 70.2
108 77.6 52.5 92.5



#62
Azobenzene
Concen: 39.275 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion: 77 Resp: 907673
Ion Ratio Lower Upper
77 100
182 23.0 1.7 41.7
105 23.4 3.0 43.0
51 27.5 9.9 49.9

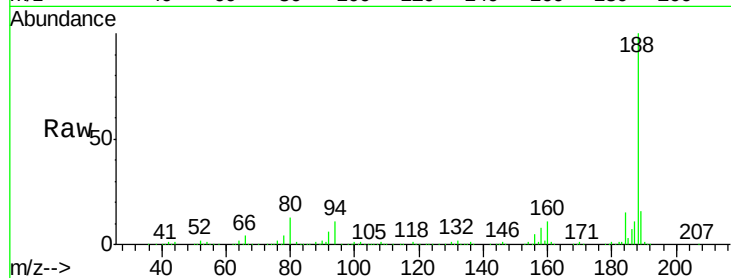




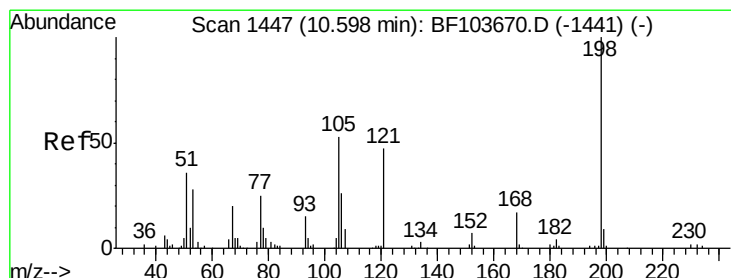
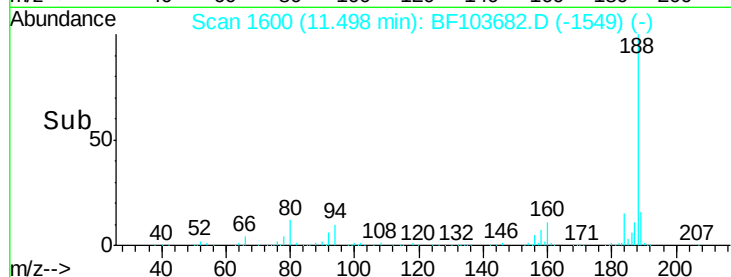
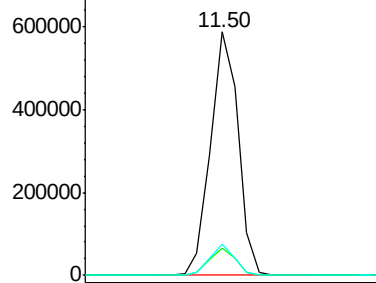
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 529565
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.5 9.2 13.8

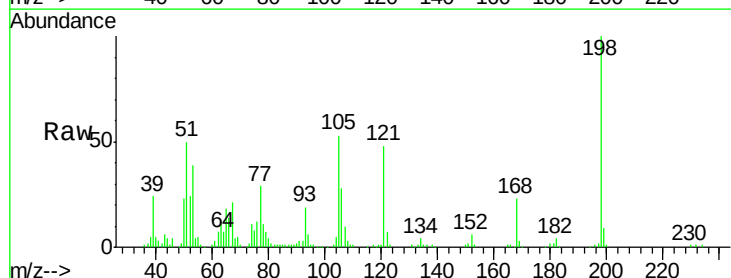


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

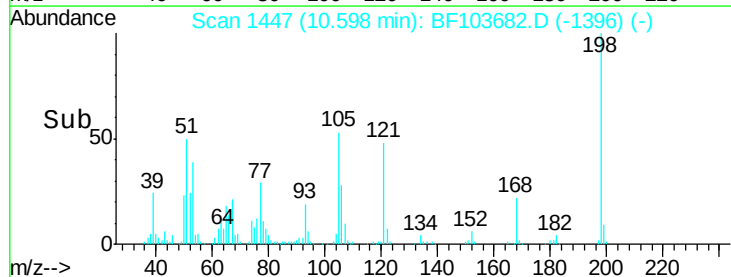
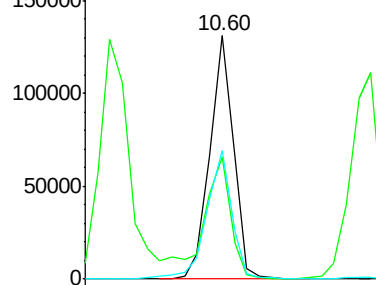


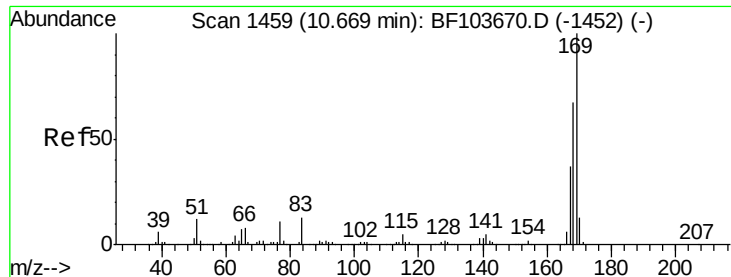
#64
4,6-Dinitro-2-methylphenol
Concen: 50.477 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion:198 Resp: 100799
Ion Ratio Lower Upper
198 100
51 50.2 37.7 77.7
105 53.0 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

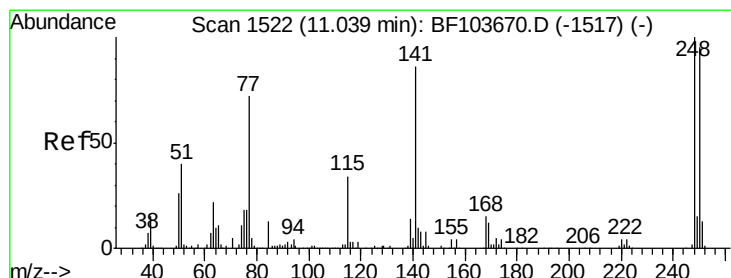
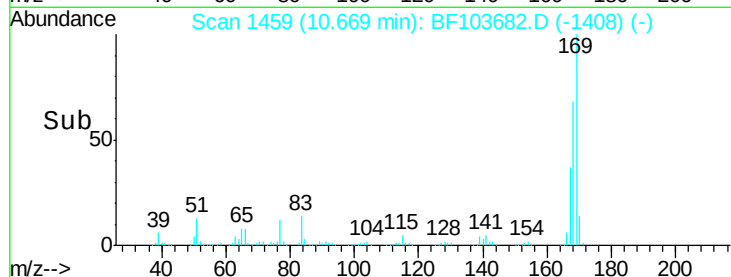
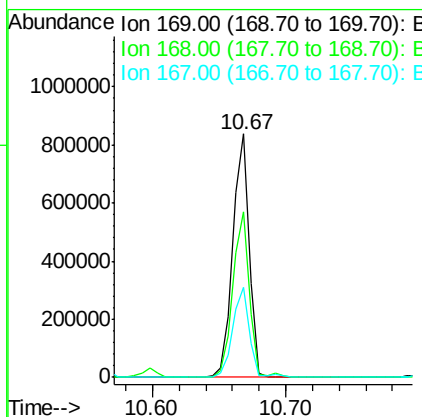
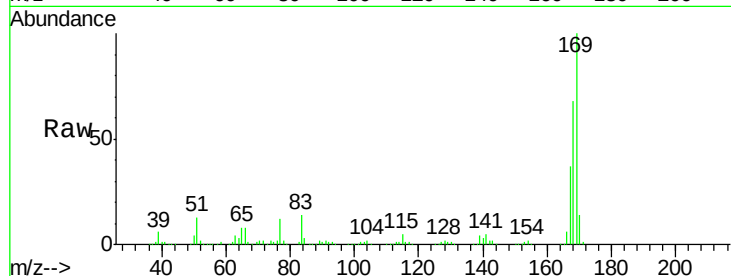




#65
 n-Nitrosodiphenylamine
 Concen: 40.408 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

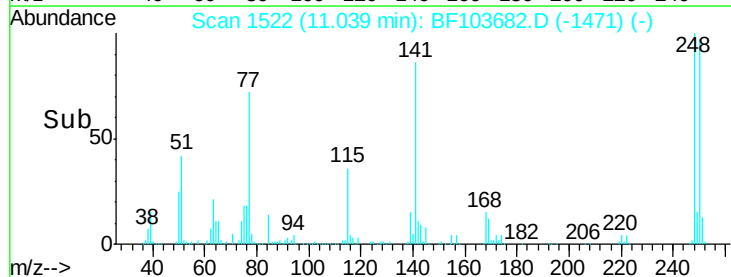
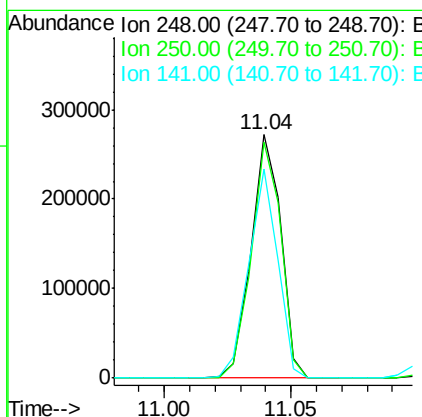
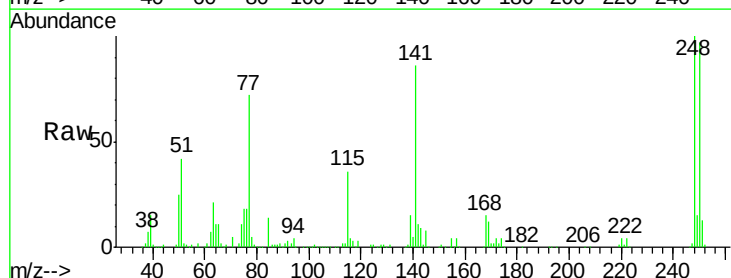
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

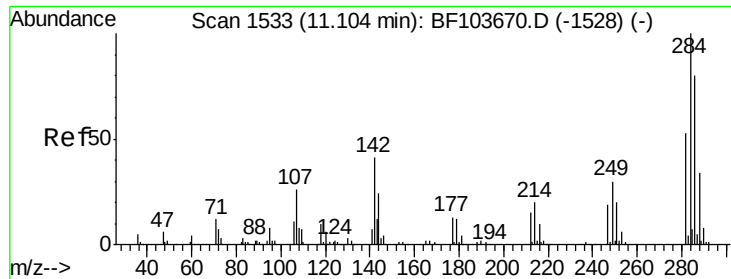
Tot Ion	169	Resp	728365
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	67.7		
167	37.0		



#66
 4-Bromophenyl-phenylether
 Concen: 41.020 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Tgt Ion	248	Resp	223038
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	96.8		
141	85.9		

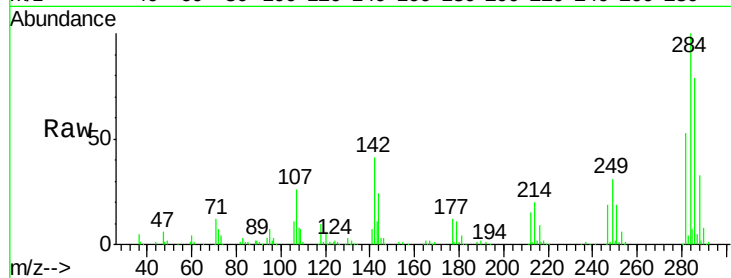




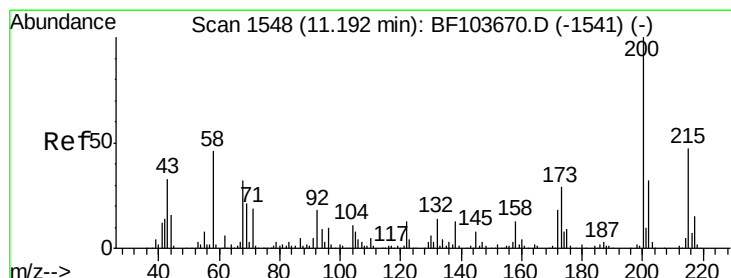
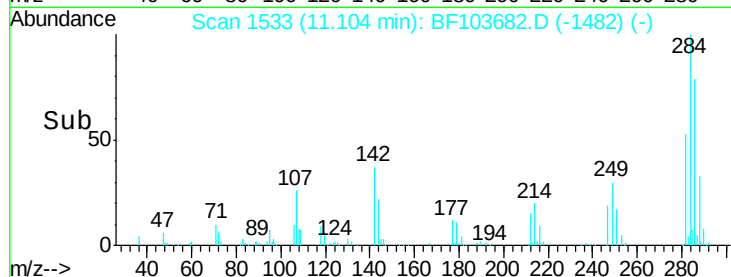
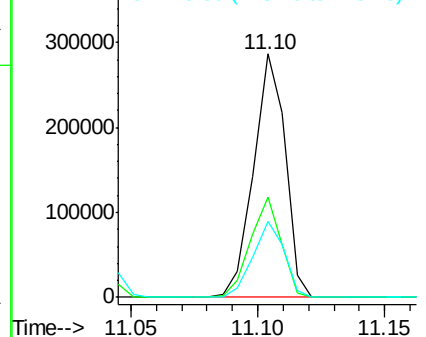
#67
Hexachlorobenzene
Concen: 40.238 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.9	34.6	52.0
249	31.1	24.8	37.2

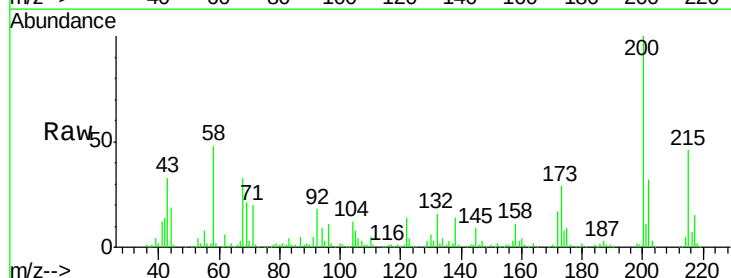


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

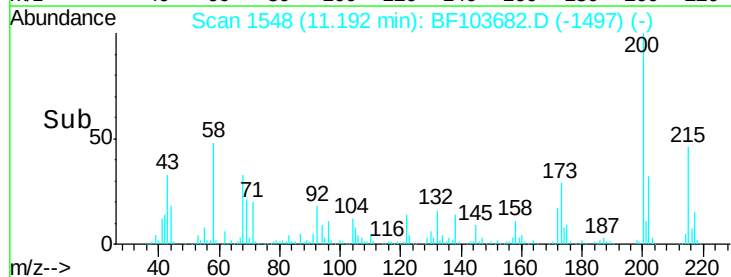
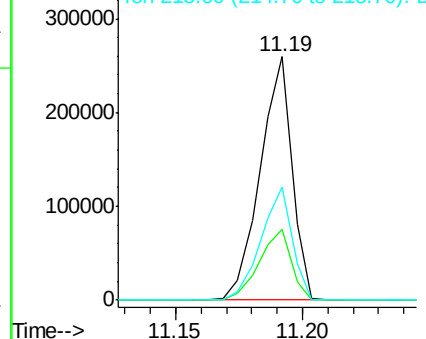


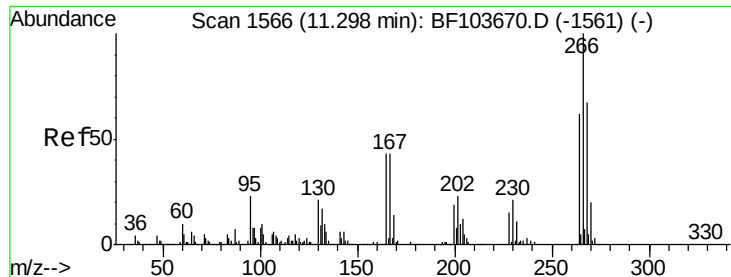
#68
Atrazine
Concen: 40.980 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.6	48.6
215	46.4	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

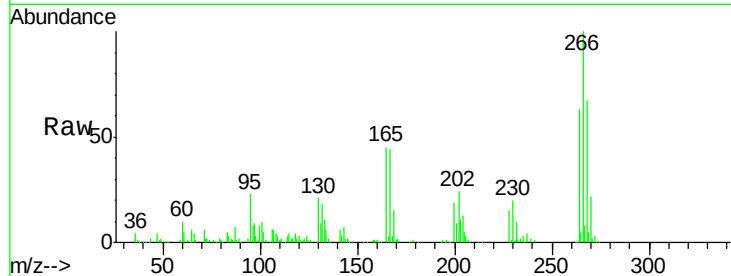




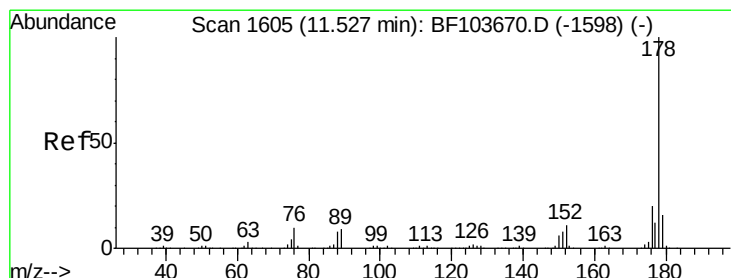
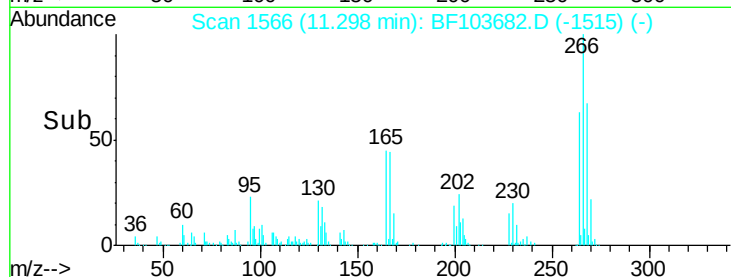
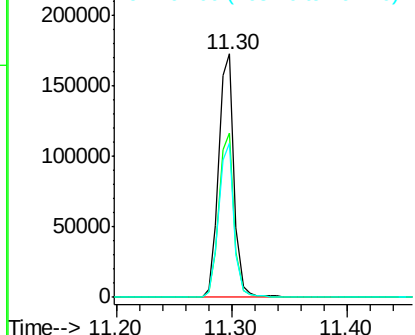
#69
 Pentachlorophenol
 Concen: 45.012 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 160593
 Ion Ratio Lower Upper
 266 100
 268 67.3 51.1 76.7
 264 63.0 49.5 74.3

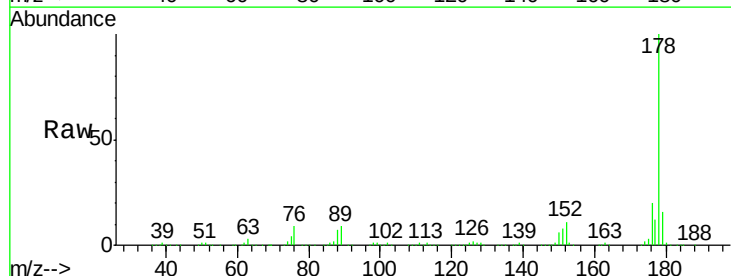


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

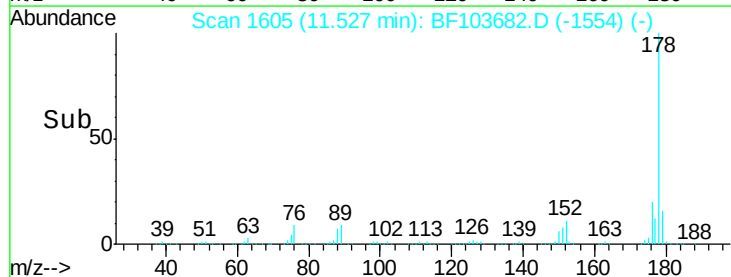
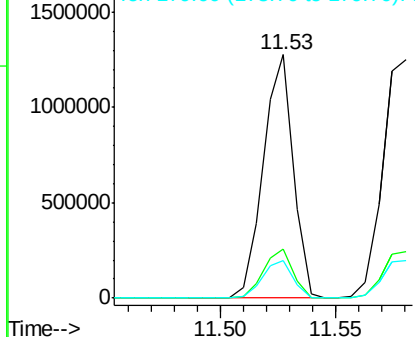


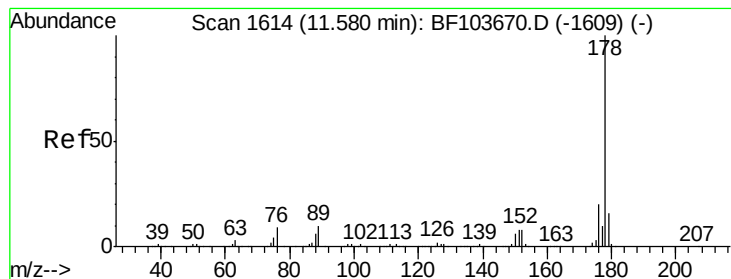
#70
 Phenanthrene
 Concen: 39.732 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Tgt Ion:178 Resp: 1150977
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.7 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: 39.391 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

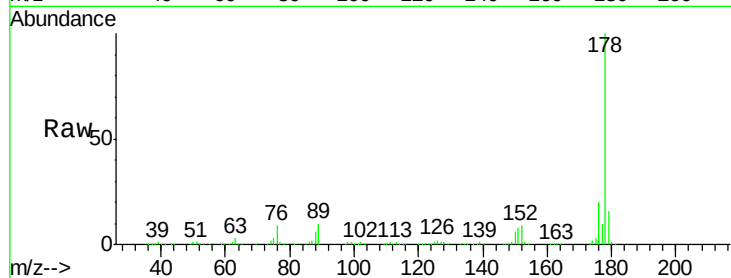
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1158958

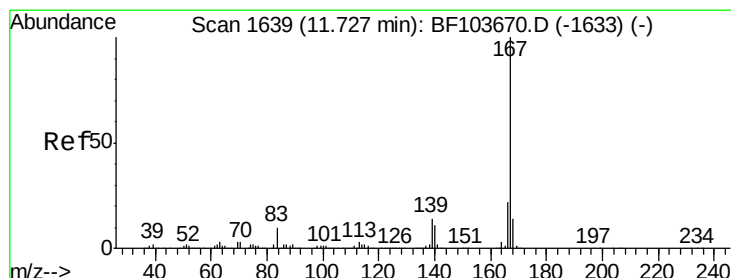
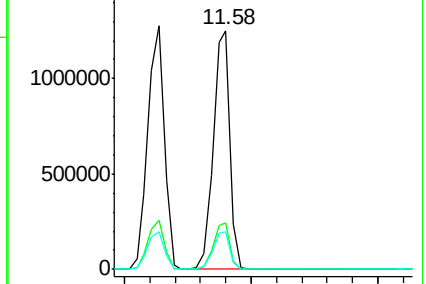
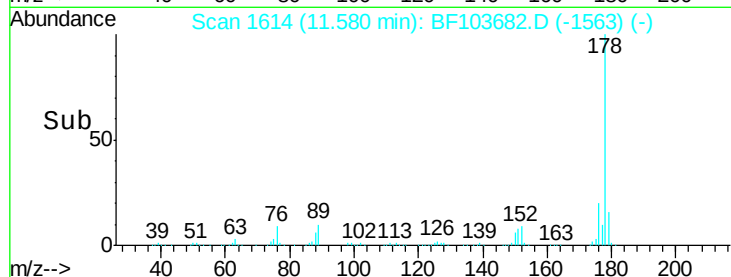
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.566 ng

RT: 11.73 min Scan# 1639

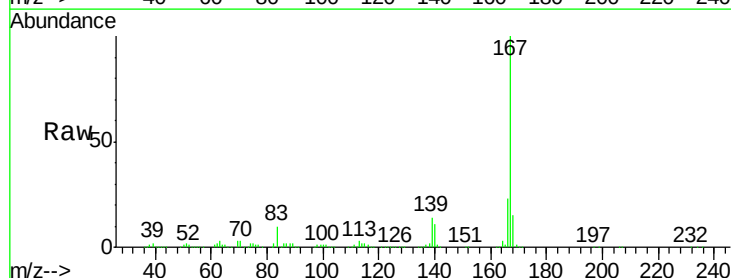
Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Tgt Ion:167 Resp: 1131474

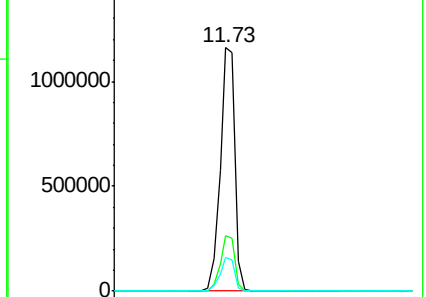
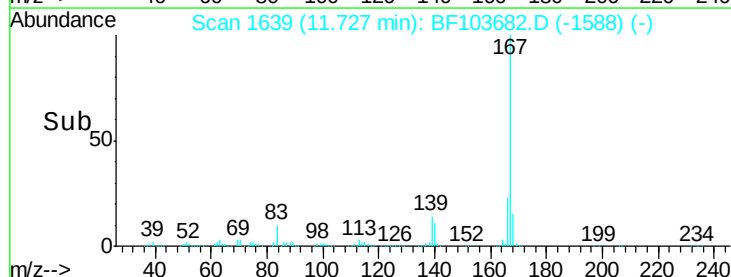
Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.9	10.9	16.3

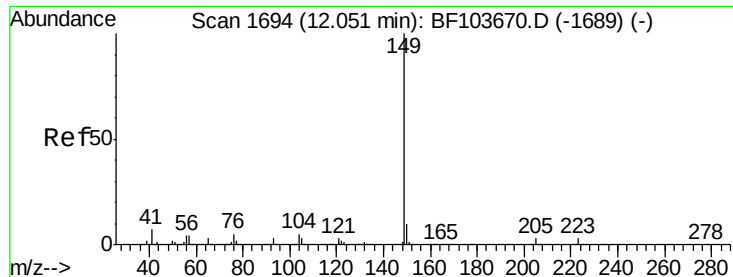


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.852 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

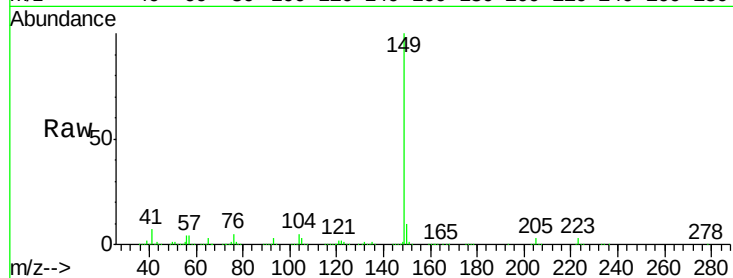
Tot Ion:149 Resp: 1401760

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

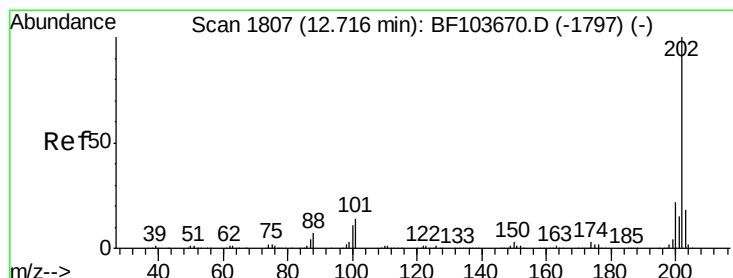
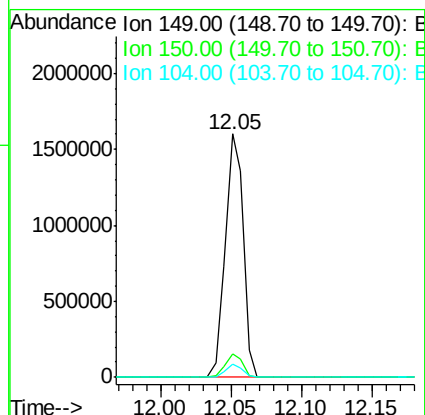
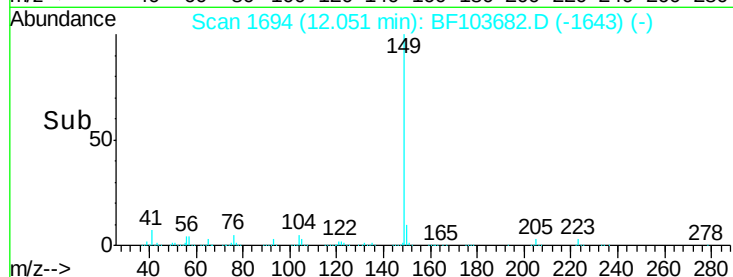
104 5.4 3.8 5.8



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: 39.257 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

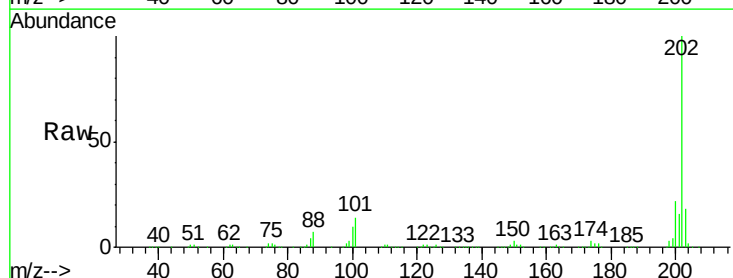
Tgt Ion:202 Resp: 1171601

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

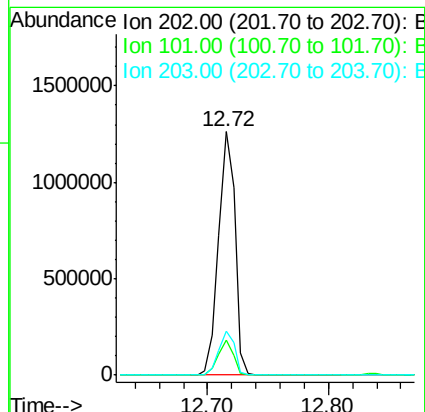
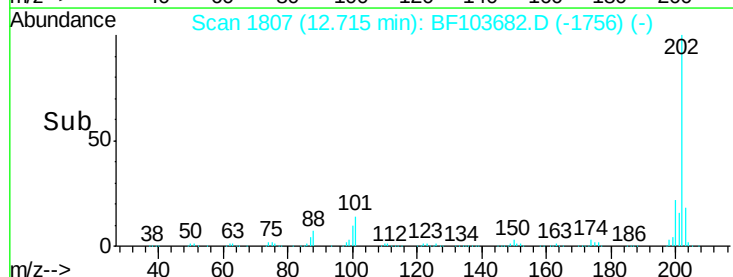
203 18.1 0.0 38.1

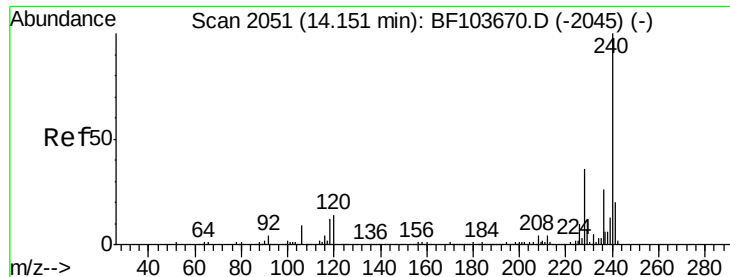


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

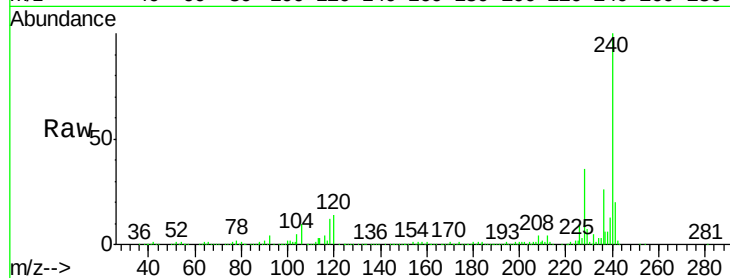
Tot Ion:240 Resp: 402756

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

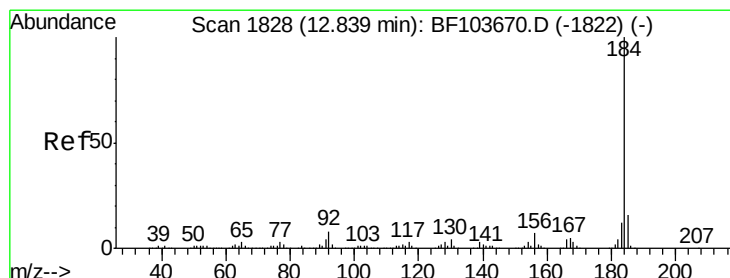
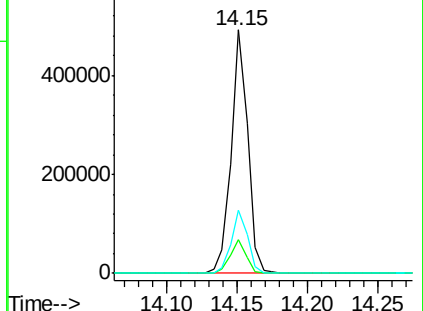
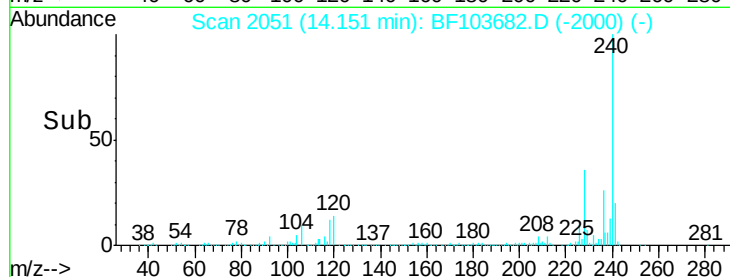
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.351 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

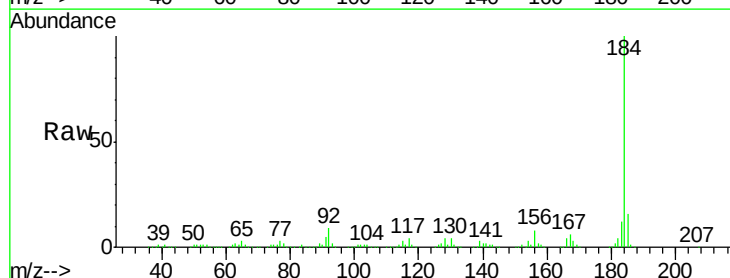
Tgt Ion:184 Resp: 710321

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

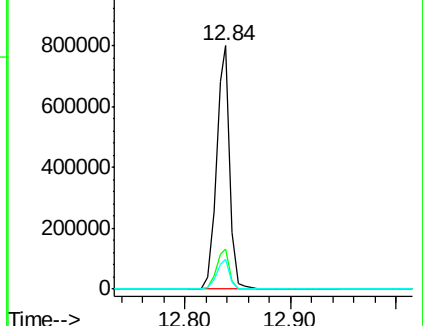
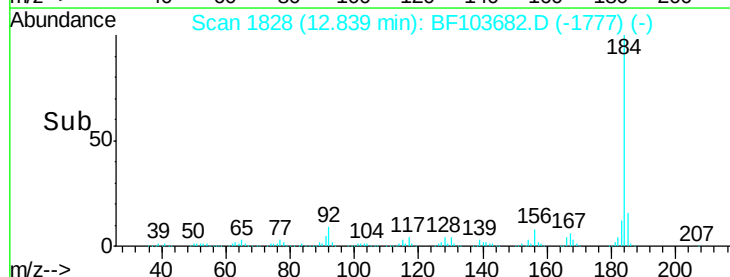
183 12.3 9.3 13.9

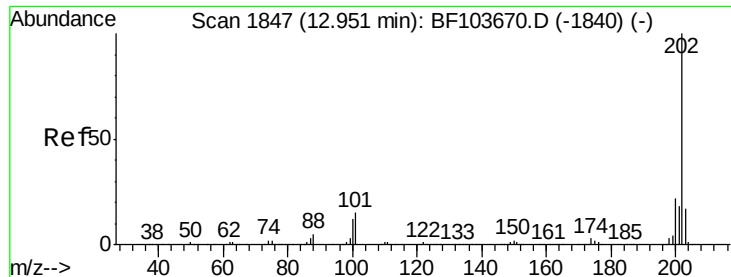


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

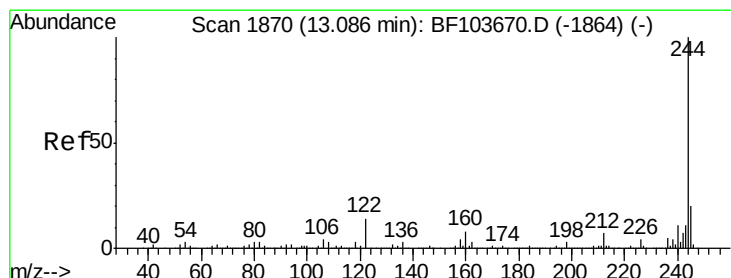
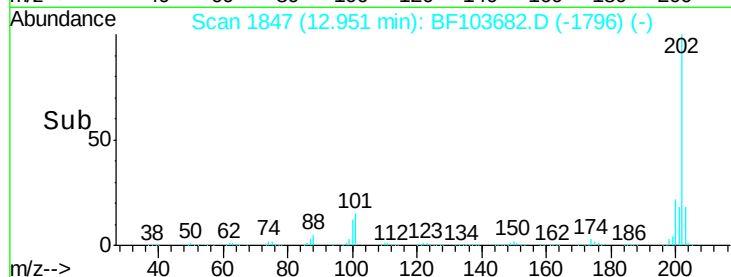
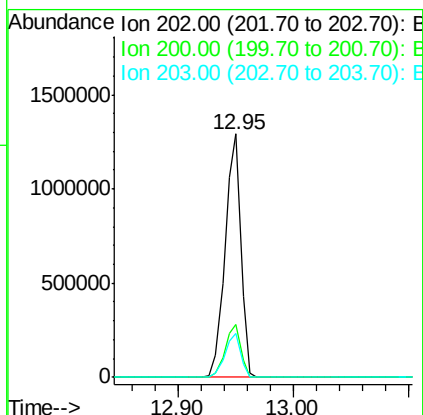
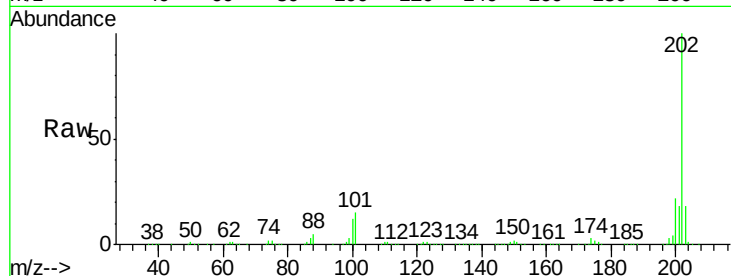




#77
Pvrene
Concen: 41.138 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

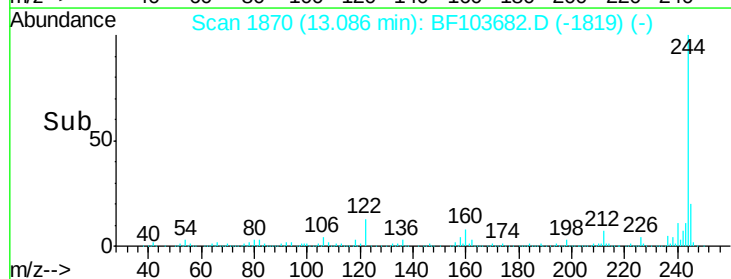
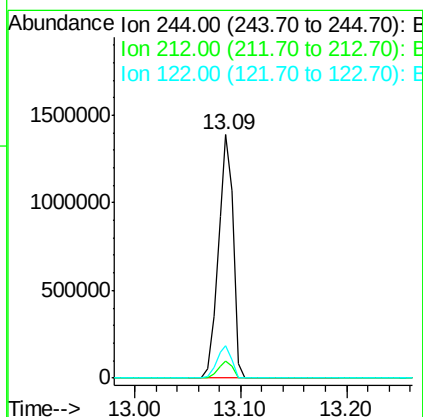
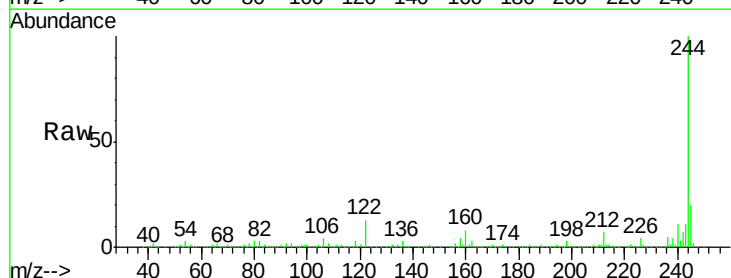
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

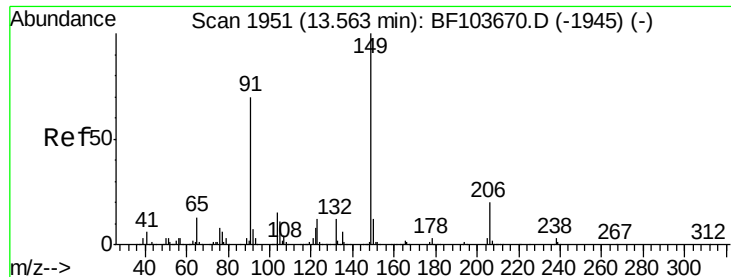
Tot Ion:202 Resp: 1216790
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 79.070 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion:244 Resp: 1371991
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.5 11.0 16.4

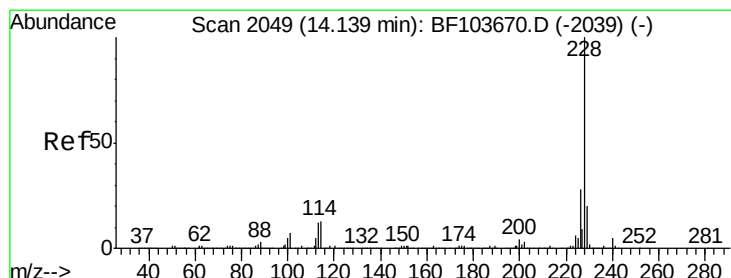
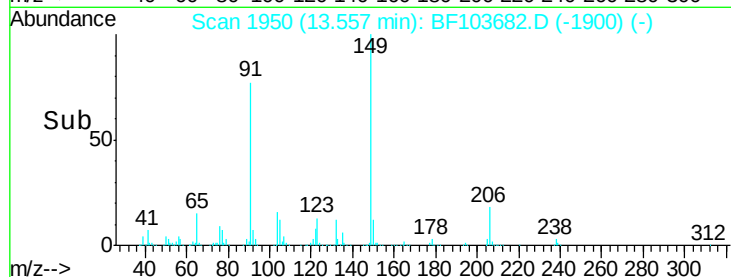
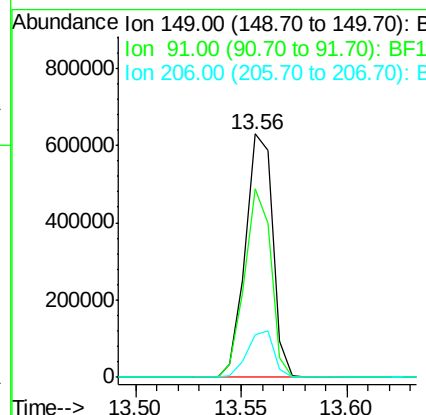
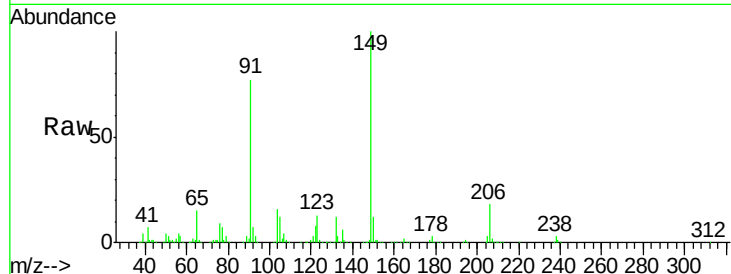




#79
Butylbenzylphthalate
Concen: 43.198 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

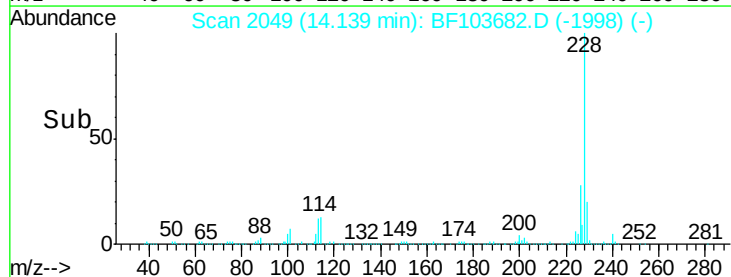
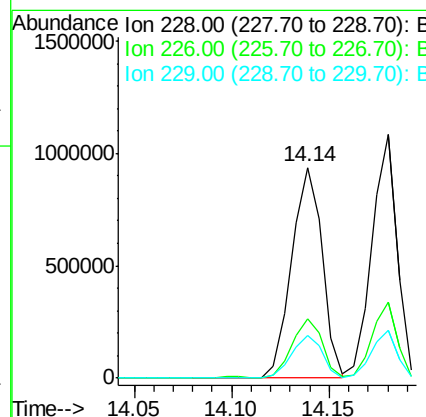
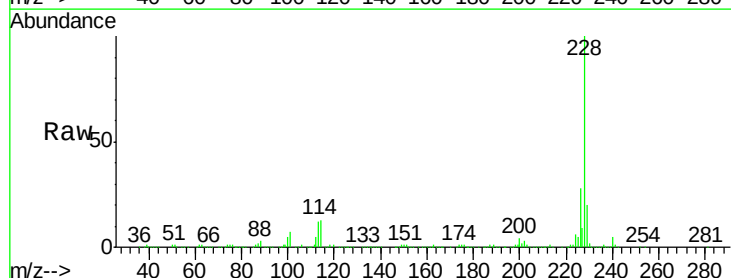
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

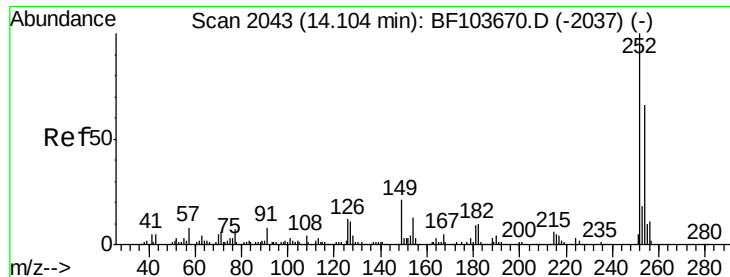
Tot Ion:149 Resp: 566094
Ion Ratio Lower Upper
149 100
91 77.2 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.864 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion:228 Resp: 1016299
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.4 15.8 23.6

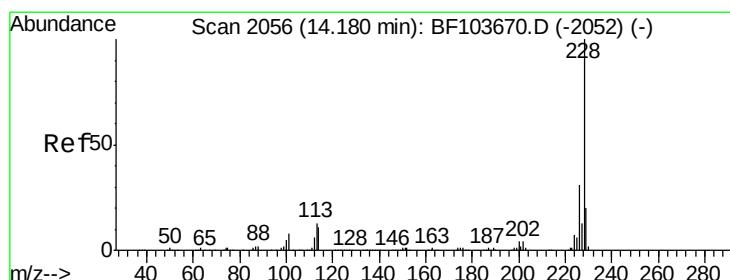
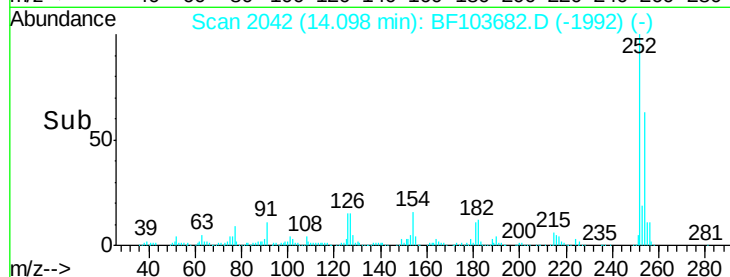
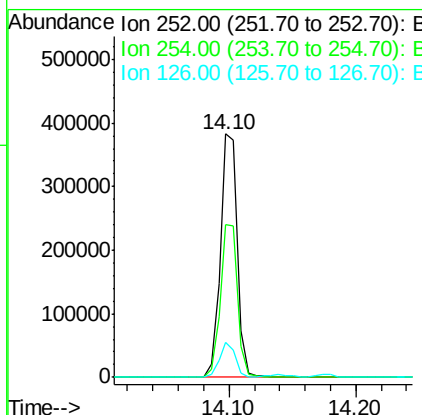
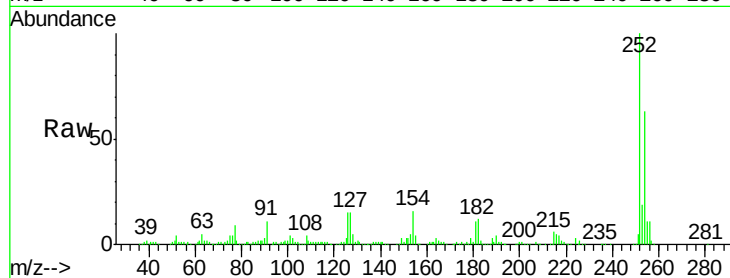




#81
 3,3'-Dichlorobenzidine
 Concen: 42.013 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

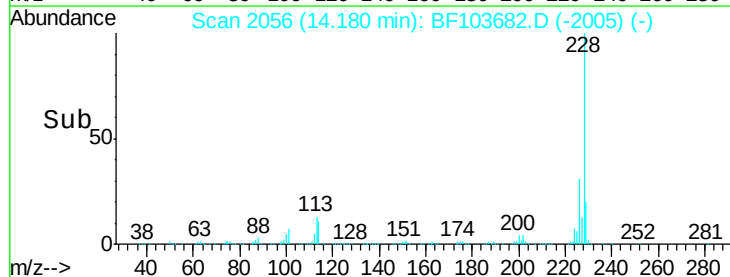
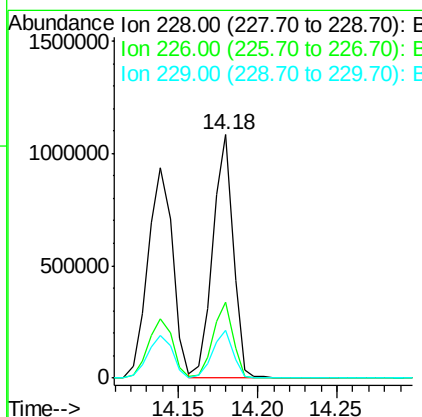
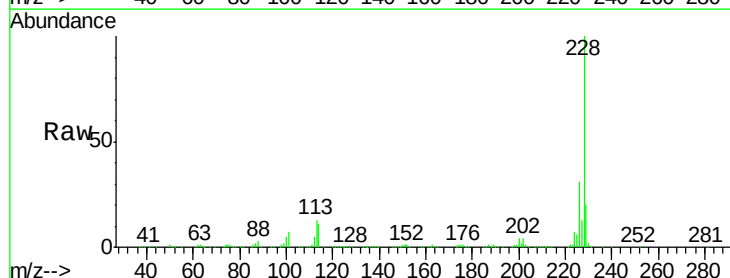
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

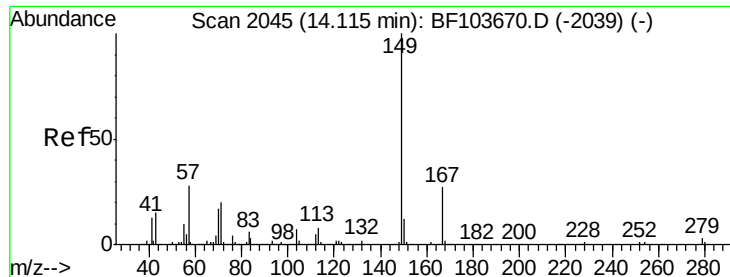
Tot Ion:252 Resp: 358279
 Ion Ratio Lower Upper
 252 100
 254 63.0 50.4 75.6
 126 14.6 11.3 16.9



#82
 Chrysene
 Concen: 40.025 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Tgt Ion:228 Resp: 972717
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.8 16.2 24.4

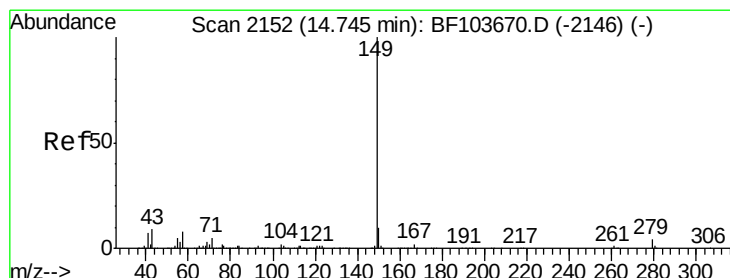
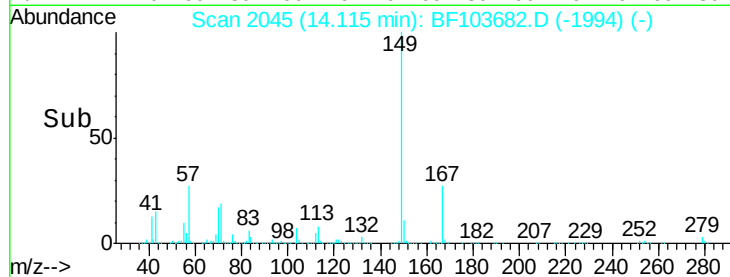
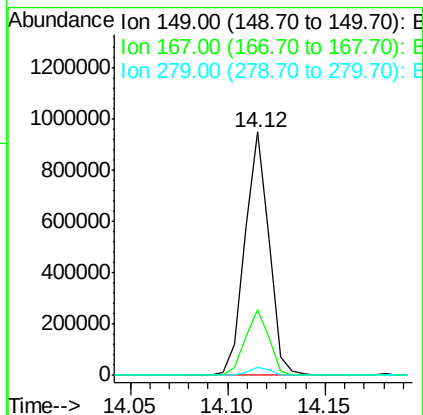
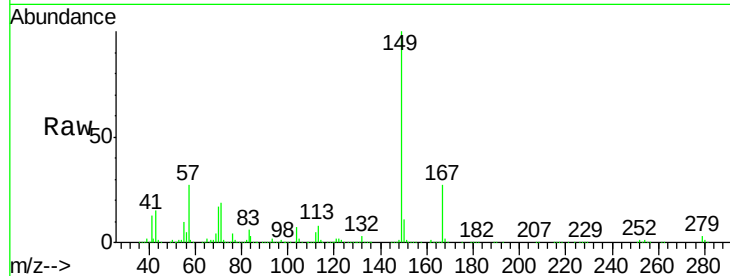




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.313 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

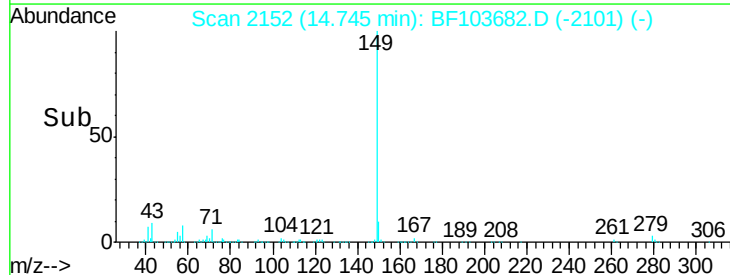
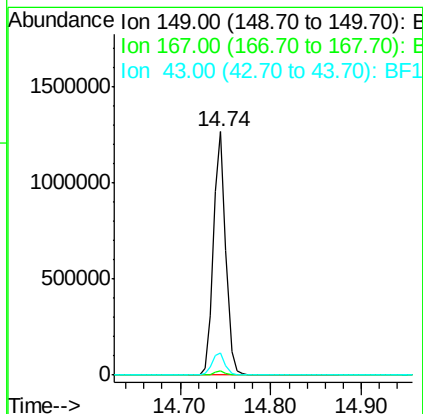
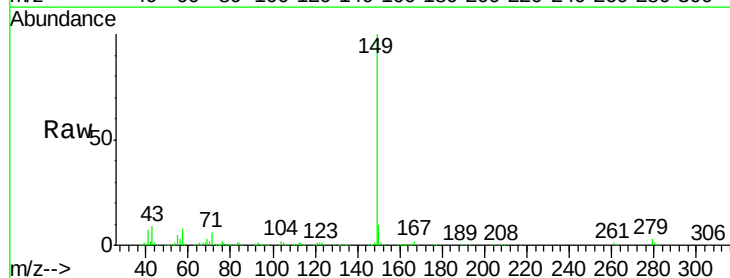
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

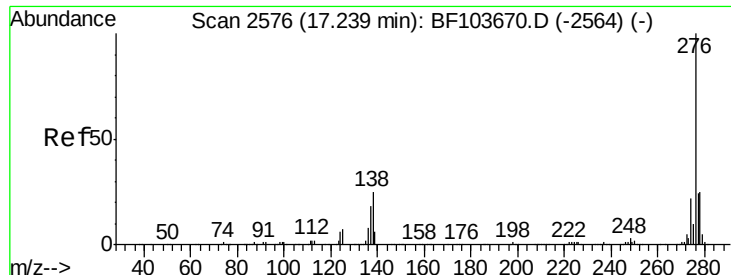
Tot Ion:149 Resp: 810870
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 43.731 ng
 RT: 14.74 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Tgt Ion:149 Resp: 1191062
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.8 8.4 12.6

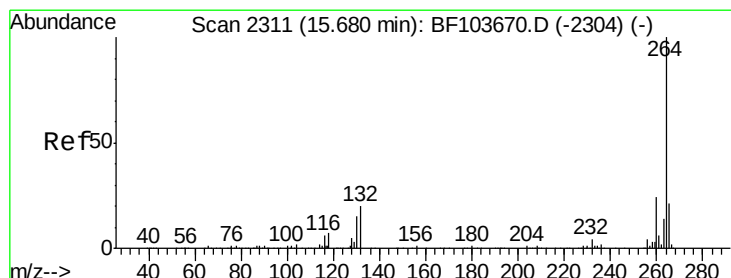
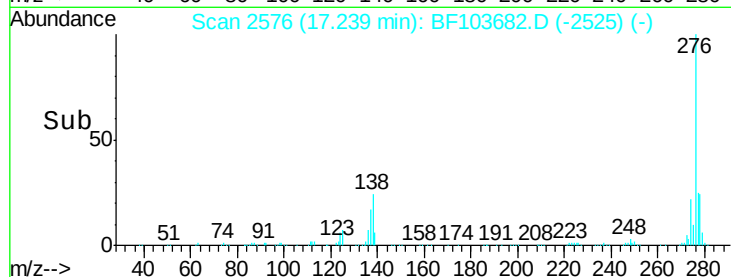
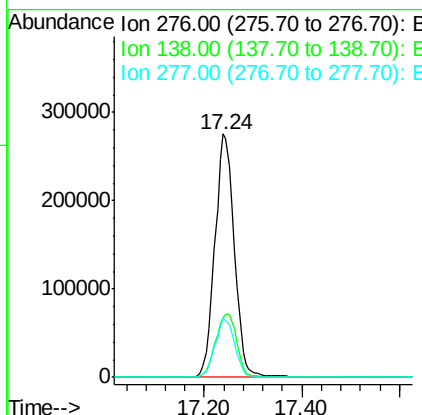
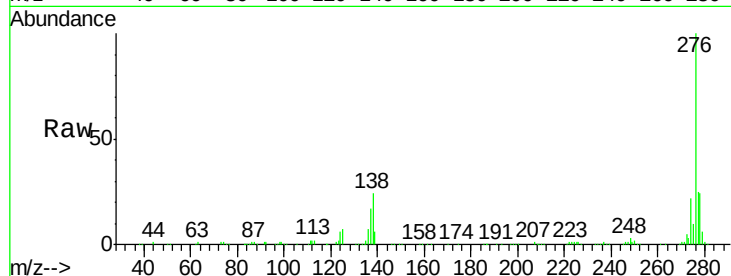




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.968 ng
 RT: 17.24 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

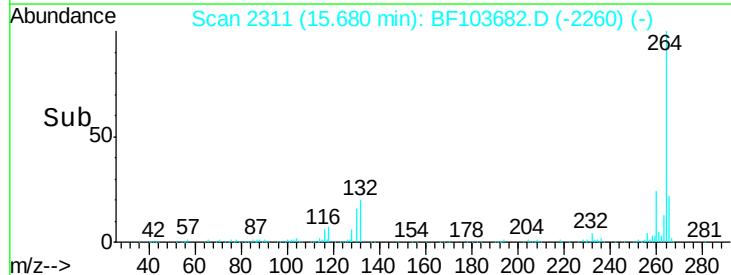
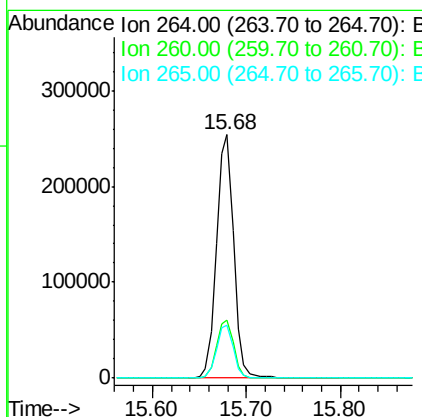
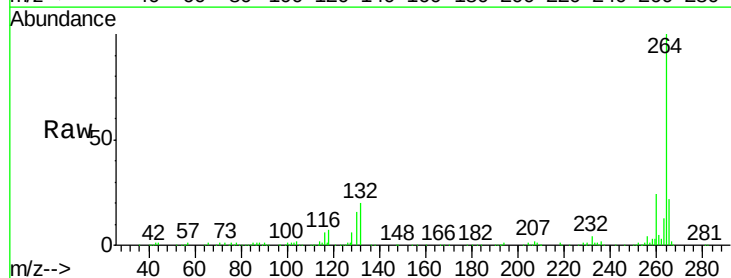
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

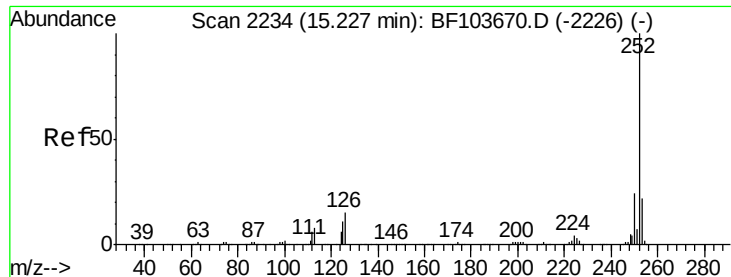
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	24.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BF103682.D
 Acq: 15 Mar 2018 21:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

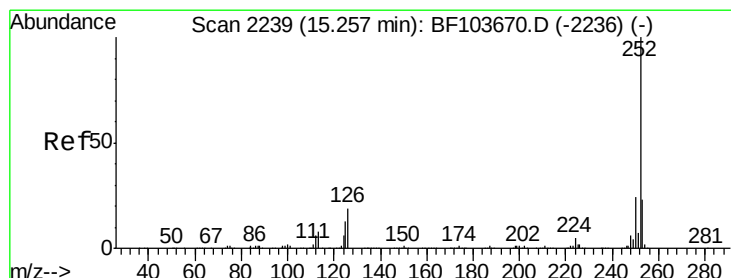
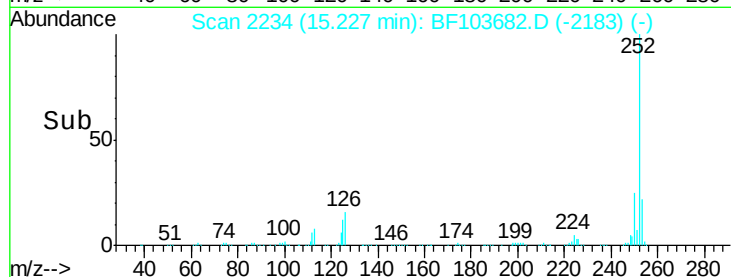
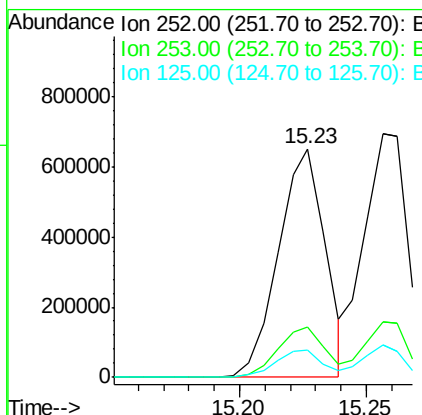
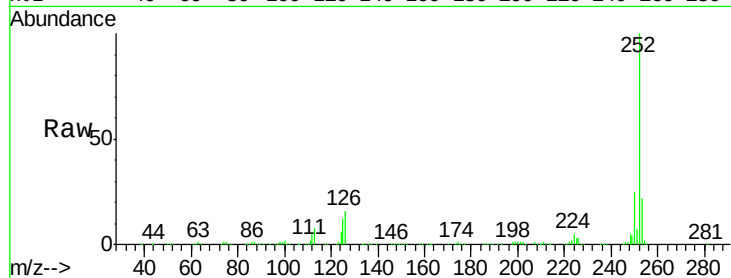




#87
Benzo(b)fluoranthene
Concen: 40.557 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

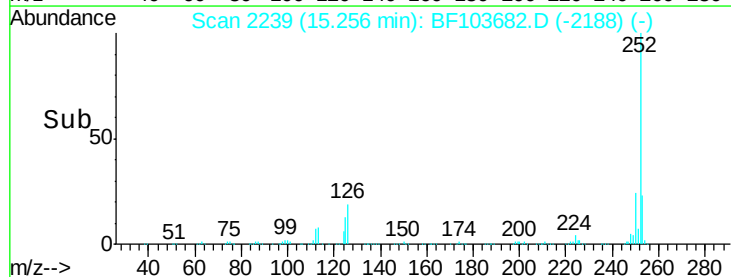
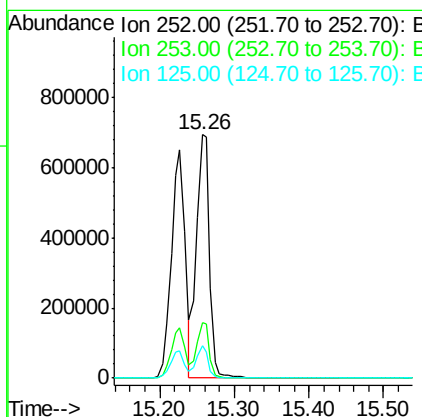
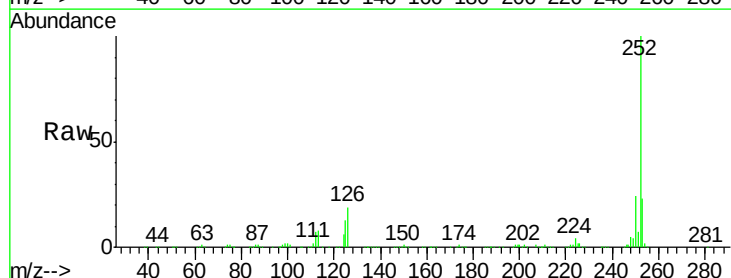
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

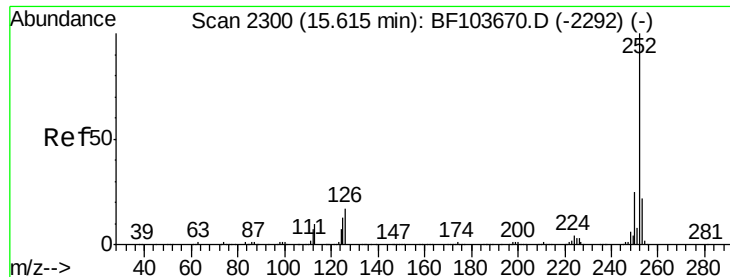
Tot Ion:252 Resp: 835916
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.177 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion:252 Resp: 855446
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 13.2 10.2 15.2

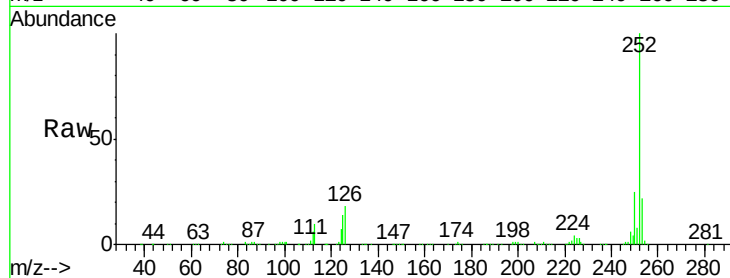




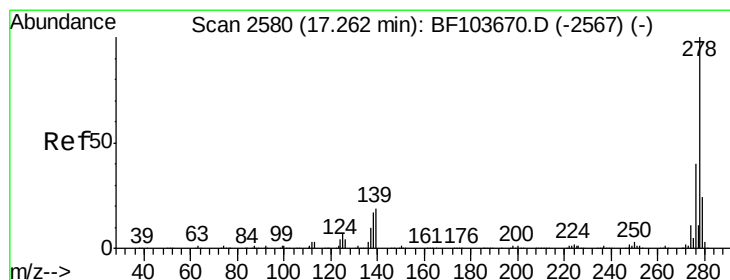
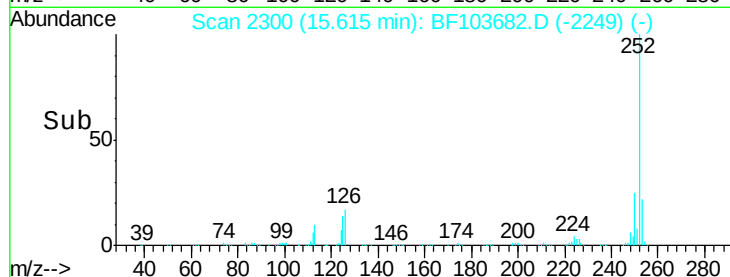
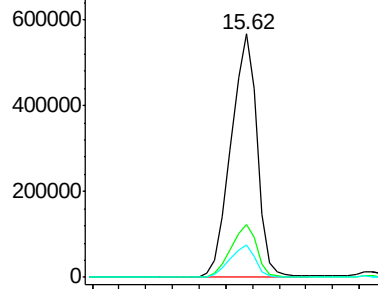
#89
Benzo(a)pyrene
Concen: 41.058 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 767540
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 13.6 9.8 14.6

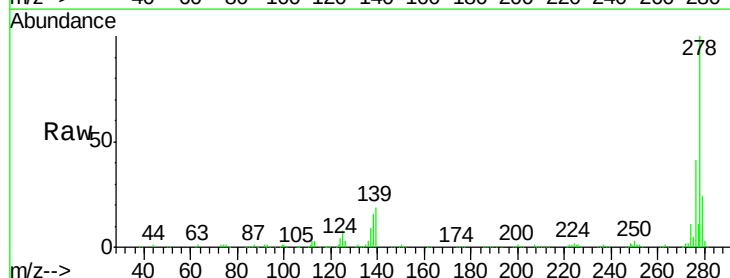


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

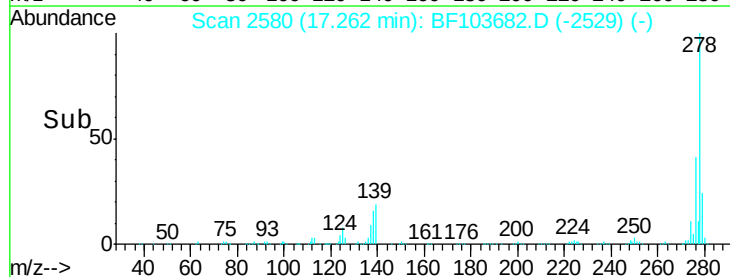
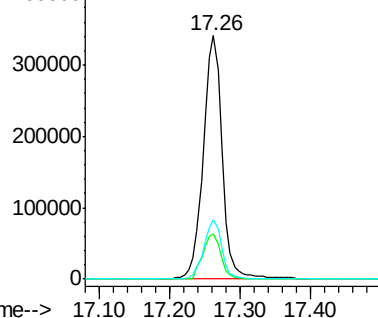


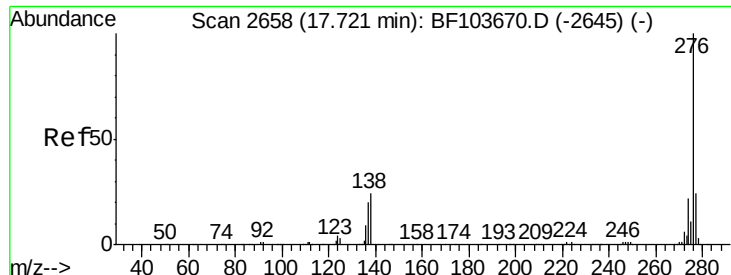
#90
Dibenzo(a,h)anthracene
Concen: 39.376 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BF103682.D
Acq: 15 Mar 2018 21:36

Tgt Ion:278 Resp: 637389
Ion Ratio Lower Upper
278 100
139 18.6 15.9 23.9
279 24.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.046 ng

RT: 17.72 min Scan# 2658

Delta R.T. -0.00 min

Lab File: BF103682.D

Acq: 15 Mar 2018 21:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

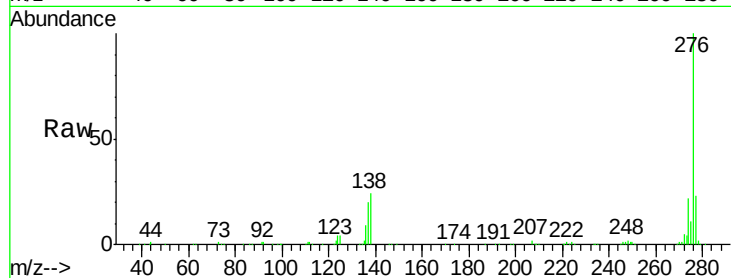
Tot Ion: 276 Resp: 614880

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 23.6 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

