

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103042.D
 Acq On : 16 Feb 2018 10:40
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 16 13:35:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	181925	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	787248	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	358554	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	625837	20.00	ng	0.00
75) Chrysene-d12	14.06	240	471645	20.00	ng	0.00
86) Perylene-d12	15.54	264	450858	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	946922	79.05	ng	0.00
7) Phenol-d6	6.51	99	1141632	79.15	ng	0.00
23) Nitrobenzene-d5	7.45	82	1026917	90.49	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	249342	86.40	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1604518	74.26	ng	0.00
78) Terphenyl-d14	12.99	244	1375454	69.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	246785	41.709	ng	89
3) Pyridine	3.43	79	702721	42.987	ng	93
4) n-Nitrosodimethylamine	3.39	42	276768	39.571	ng	99
6) Aniline	6.55	93	839047	39.391	ng	95
8) 2-Chlorophenol	6.66	128	492575	39.940	ng	92
9) Benzaldehyde	6.43	77	362858	33.875	ng	97
10) Phenol	6.53	94	665101	43.027	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	511933	39.800	ng	93
12) 1,3-Dichlorobenzene	6.82	146	558067	39.076	ng	99
13) 1,4-Dichlorobenzene	6.90	146	561011	39.435	ng	99
14) 1,2-Dichlorobenzene	7.05	146	512251	38.658	ng	99
15) Benzyl Alcohol	7.02	79	441135	39.780	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	887858	36.337	ng	99
17) 2-Methylphenol	7.13	107	449247	39.491	ng	99
18) Hexachloroethane	7.39	117	202810	41.573	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	351916	37.005	ng	97
20) 3+4-Methylphenols	7.29	107	513072	36.574	ng	# 71
22) Acetophenone	7.29	105	672189	34.892	ng	# 93
24) Nitrobenzene	7.46	77	560706	41.999	ng	98
25) Isophorone	7.70	82	993043	38.002	ng	97
26) 2-Nitrophenol	7.78	139	290630	52.093	ng	97
27) 2,4-Dimethylphenol	7.81	122	399595	36.195	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	600234	38.775	ng	100
29) 2,4-Dichlorophenol	8.02	162	408310	40.684	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	431570	38.012	ng	99
31) Naphthalene	8.19	128	1436869	37.357	ng	99
32) Benzoic acid	7.95	122	299375	40.977	ng	95
33) 4-Chloroaniline	8.23	127	635106	38.329	ng	98
34) Hexachlorobutadiene	8.30	225	219425	37.716	ng	98
35) Caprolactam	8.62	113	145815	41.836	ng	# 72
36) 4-Chloro-3-methylphenol	8.72	107	448266	39.753	ng	95
37) 2-Methylnaphthalene	8.87	142	927336	36.825	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	375901	38.503	ng	99
40) Hexachlorocyclopentadiene	9.02	237	173312	37.343	ng	98

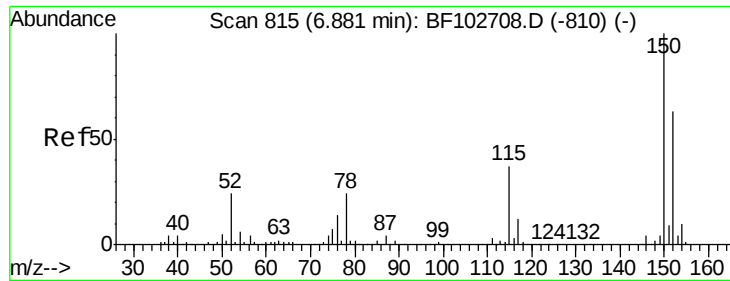
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103042.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	266842	41.613	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	295235	40.849	ng	96
45) 1,1'-Biphenyl	9.34	154	1118315	37.030	ng	99
46) 2-Chloronaphthalene	9.37	162	891915	37.514	ng	98
47) 2-Nitroaniline	9.46	65	341442	46.645	ng	90
48) Acenaphthylene	9.78	152	1387272	37.567	ng	99
49) Dimethylphthalate	9.64	163	1082284	38.712	ng	100
50) 2,6-Dinitrotoluene	9.70	165	236394	44.444	ng	94
51) Acenaphthene	9.96	154	793677	35.939	ng	100
52) 3-Nitroaniline	9.87	138	302609	46.238	ng	100
53) 2,4-Dinitrophenol	9.98	184	85134	58.900	ng	# 19
54) Dibenzofuran	10.13	168	1155824	37.139	ng	98
55) 4-Nitrophenol	10.03	139	197052	38.819	ng	89
56) 2,4-Dinitrotoluene	10.11	165	313165	44.163	ng	96
57) Fluorene	10.47	166	884217	39.049	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	202414	40.408	ng	98
59) Diethylphthalate	10.33	149	1039649	37.661	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	398702	39.803	ng	99
61) 4-Nitroaniline	10.49	138	301814	48.449	ng	92
62) Azobenzene	10.62	77	1027683	37.265	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	154233	56.020	ng	96
65) n-Nitrosodiphenylamine	10.58	169	819567	37.126	ng	98
66) 4-Bromophenyl-phenylether	10.95	248	245682	37.111	ng	90
67) Hexachlorobenzene	11.02	284	270918	37.095	ng	99
68) Atrazine	11.10	200	254188	39.031	ng	98
69) Pentachlorophenol	11.21	266	150297	35.057	ng	97
70) Phenanthrene	11.43	178	1261601	36.196	ng	99
71) Anthracene	11.49	178	1311766	37.002	ng	99
72) Carbazole	11.64	167	1311638	37.766	ng	99
73) Di-n-butylphthalate	11.96	149	1632084	38.685	ng	99
74) Fluoranthene	12.63	202	1284495	36.628	ng	99
76) Benzidine	12.74	184	918509	42.373	ng	99
77) Pyrene	12.86	202	1337639	36.168	ng	100
79) Butylbenzylphthalate	13.46	149	711597	40.390	ng	100
80) Benzo(a)anthracene	14.04	228	1160444	39.122	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	431748	39.257	ng	100
82) Chrysene	14.09	228	1089859	36.449	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	959148	42.335	ng	# 99
84) Di-n-octyl phthalate	14.64	149	1528726	44.938	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	951157	38.354	ng	98
87) Benzo(b)fluoranthene	15.11	252	1042907	35.678	ng	97
88) Benzo(k)fluoranthene	15.14	252	1045758	37.442	ng	99
89) Benzo(a)pyrene	15.49	252	976084	37.098	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	791908	37.081	ng	97
91) Benzo(g,h,i)perylene	17.52	276	786830	37.642	ng	99

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

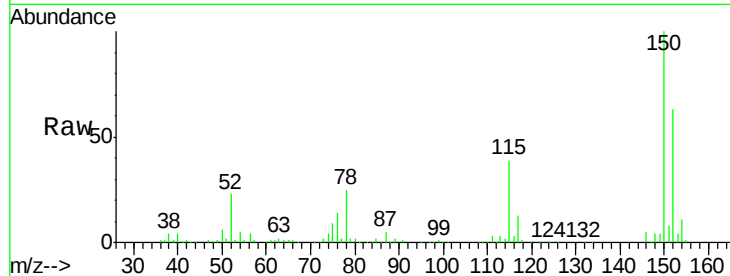


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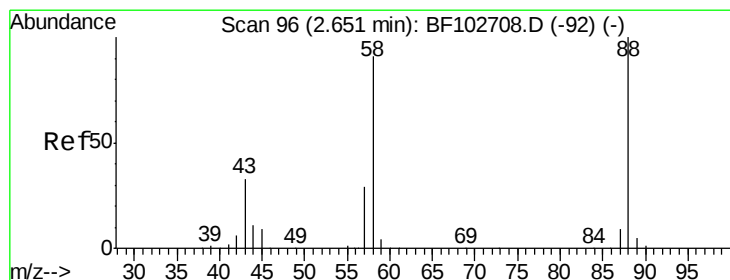
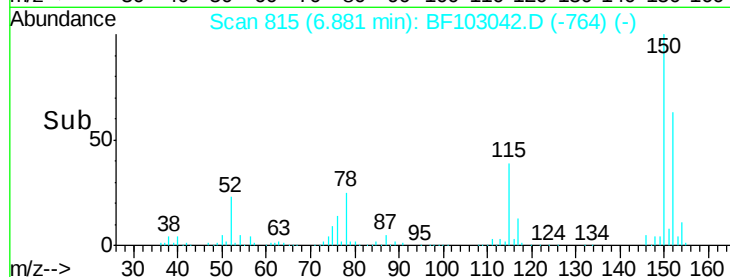
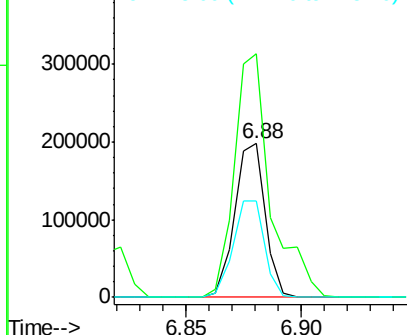
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 181925
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 62.5 50.1 75.1



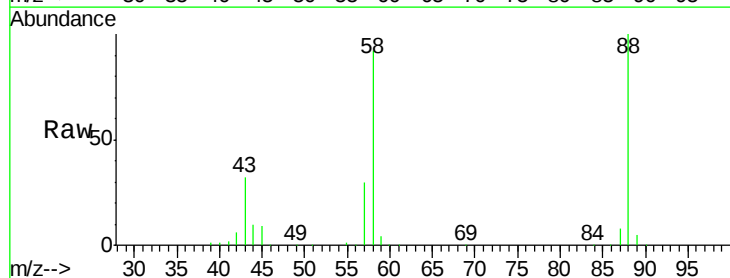
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



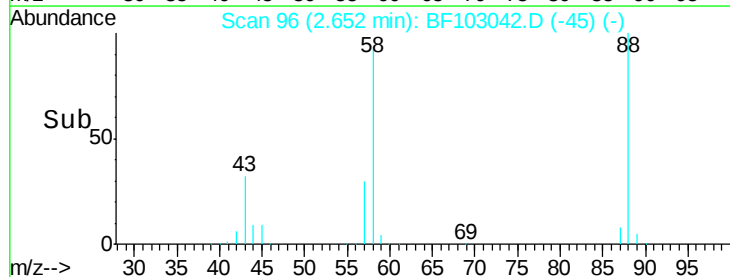
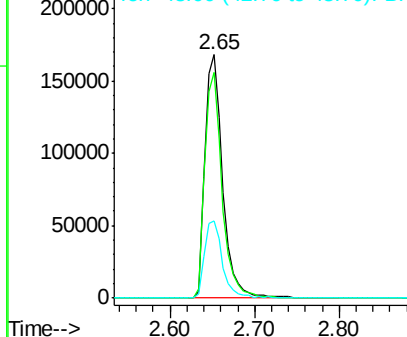
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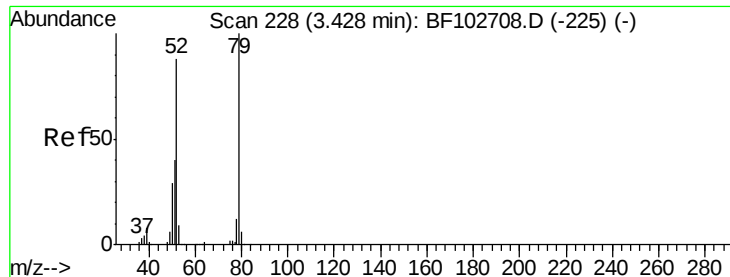
1,4-Dioxane
Concen: 41.709 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion: 88 Resp: 246785
Ion Ratio Lower Upper
88 100
58 90.4 62.6 93.8
43 32.0 24.6 37.0



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





#3

Pvridine

Concen: 42.987 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

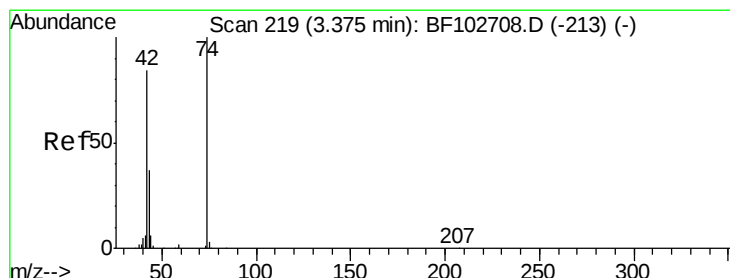
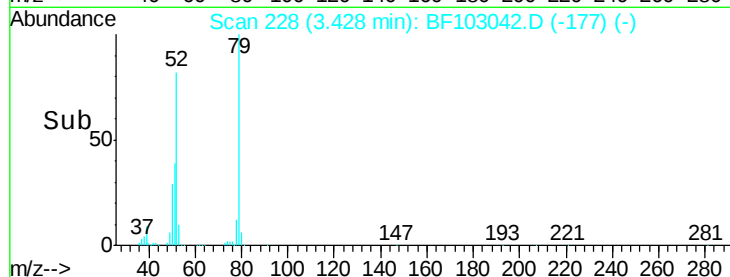
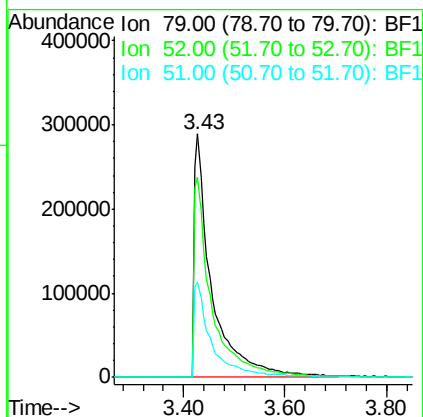
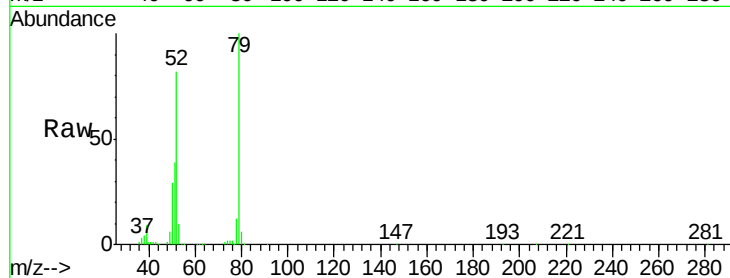
Tot Ion: 79 Resp: 702721

Ion Ratio Lower Upper

79 100

52 82.1 59.8 89.6

51 38.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.571 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

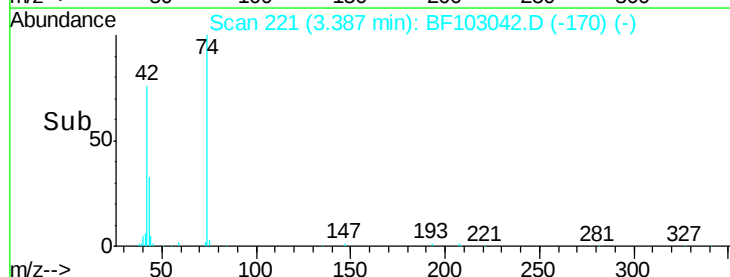
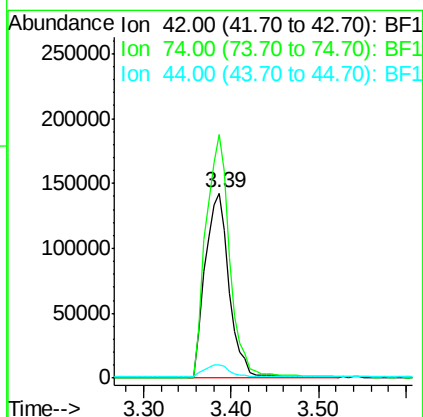
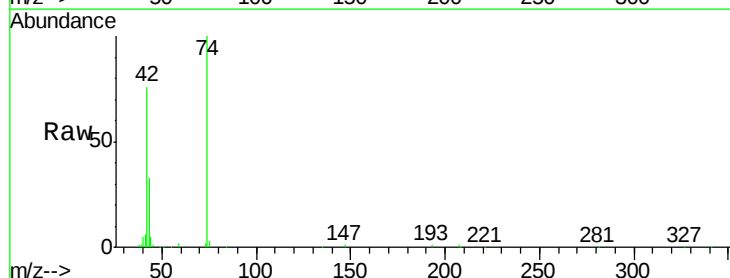
Tgt Ion: 42 Resp: 276768

Ion Ratio Lower Upper

42 100

74 131.7 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 79.047 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

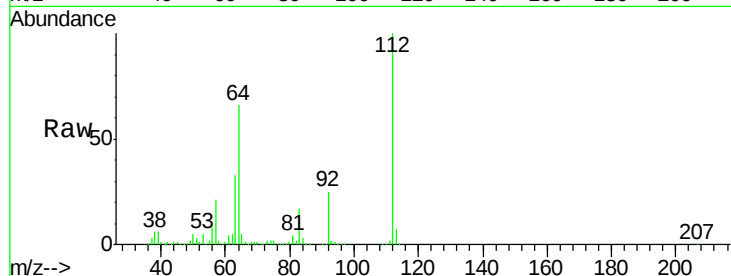
Tot Ion:112 Resp: 946922

Ion Ratio Lower Upper

112 100

64 66.1 47.9 71.9

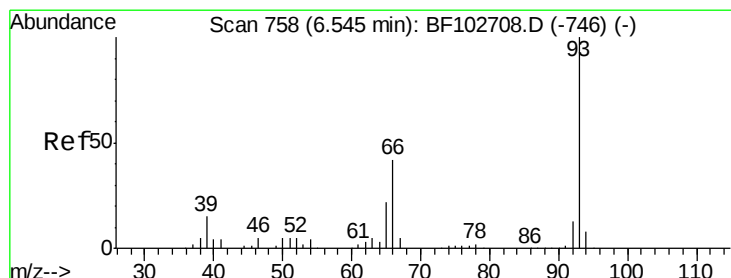
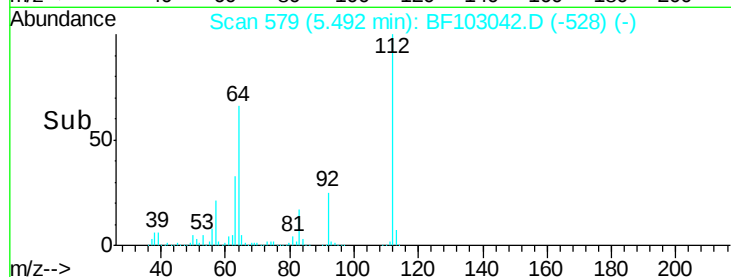
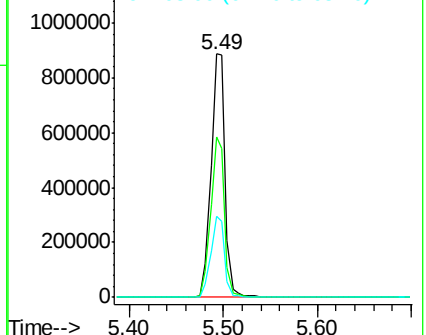
63 33.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.391 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

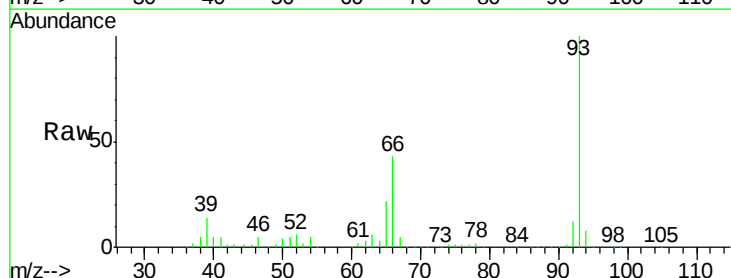
Tgt Ion: 93 Resp: 839047

Ion Ratio Lower Upper

93 100

66 43.5 32.2 48.2

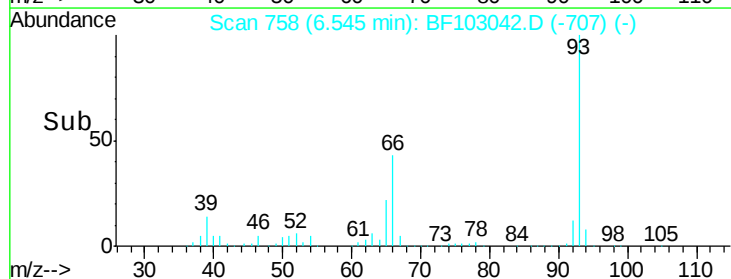
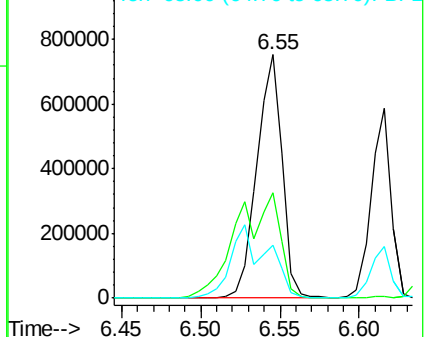
65 22.0 16.4 24.6



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: 79.149 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

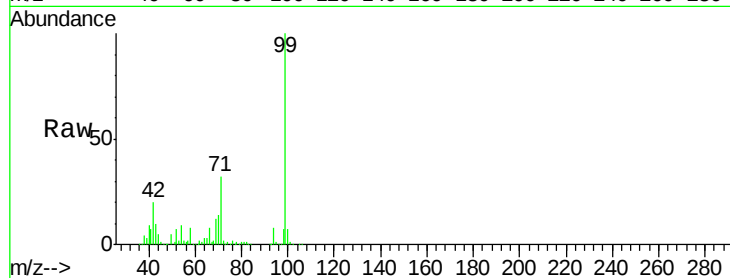
Tot Ion: 99 Resp: 1141632

Ion Ratio Lower Upper

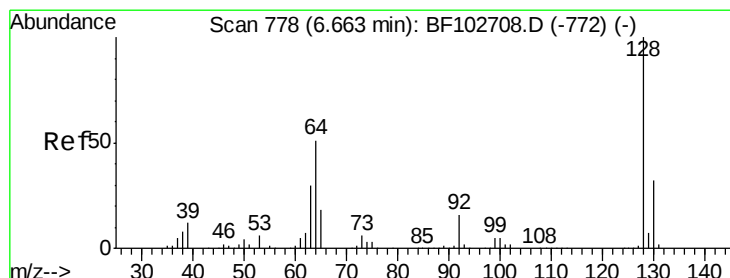
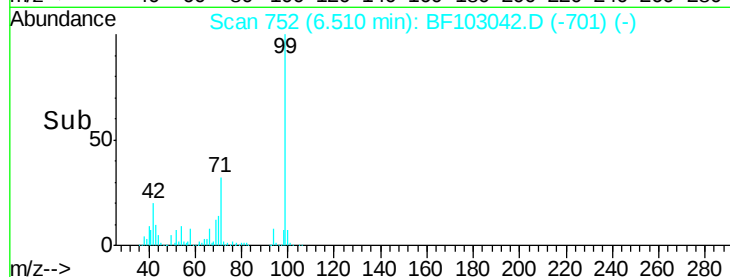
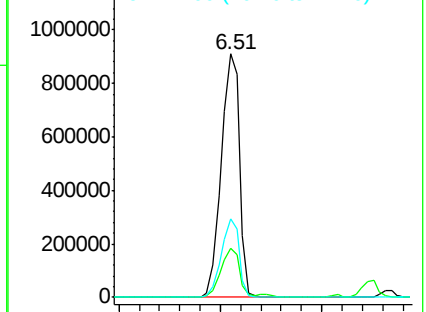
99 100

42 20.0 14.5 21.7

71 32.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.940 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

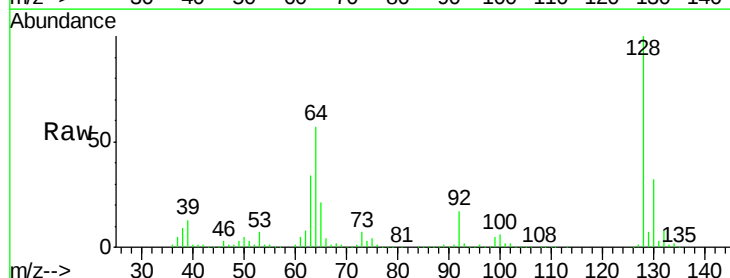
Tgt Ion: 128 Resp: 492575

Ion Ratio Lower Upper

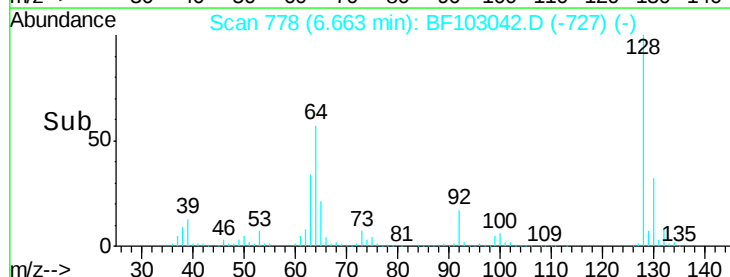
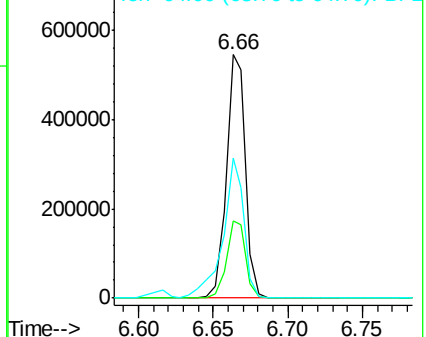
128 100

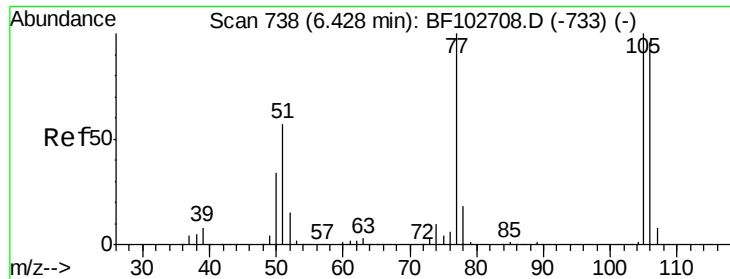
130 31.6 13.0 53.0

64 57.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.875 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

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SSTDCCC040

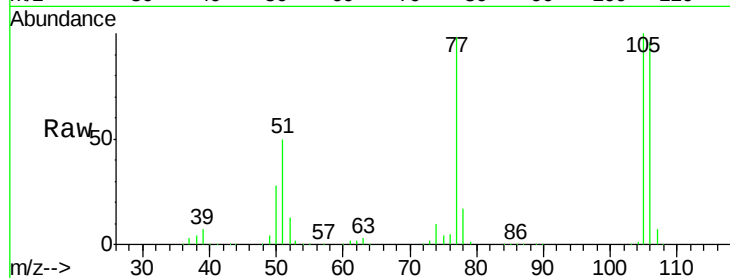
Tot Ion: 77 Resp: 362858

Ion Ratio Lower Upper

77 100

105 102.4 81.1 121.1

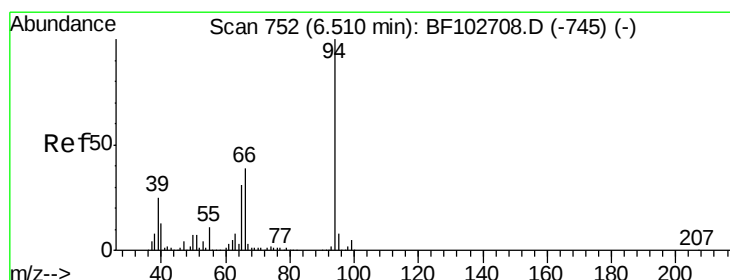
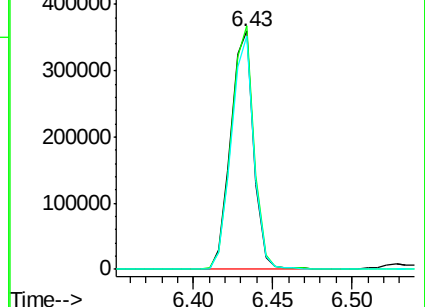
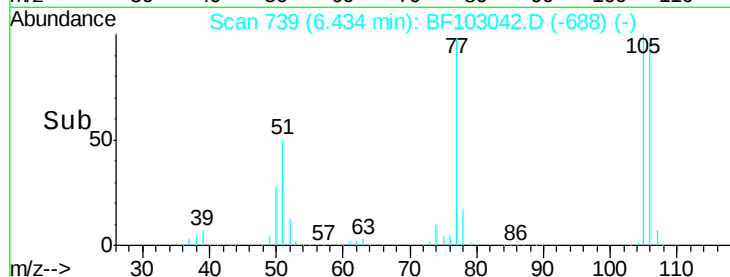
106 98.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.027 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

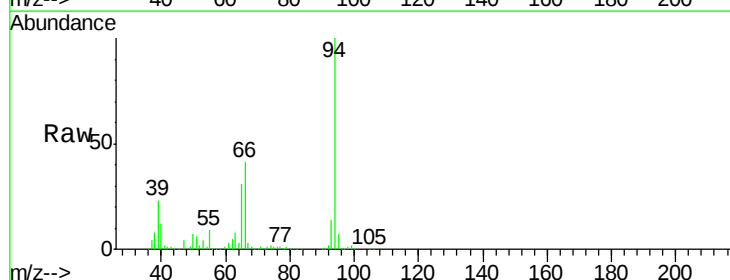
Tgt Ion: 94 Resp: 665101

Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

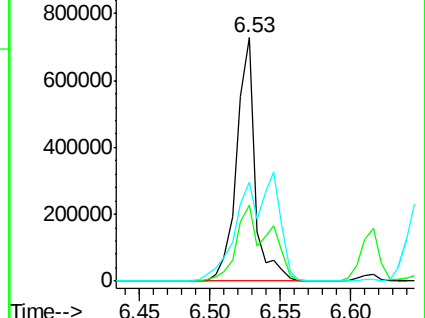
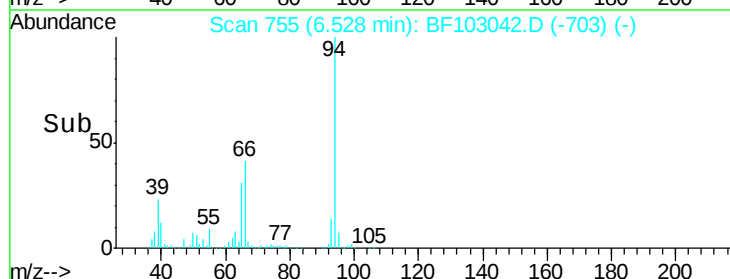
66 40.9 16.2 56.2

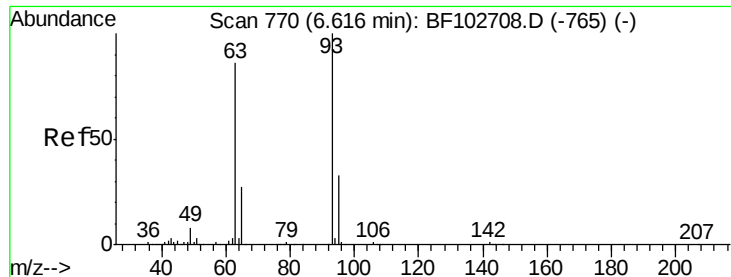


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.800 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

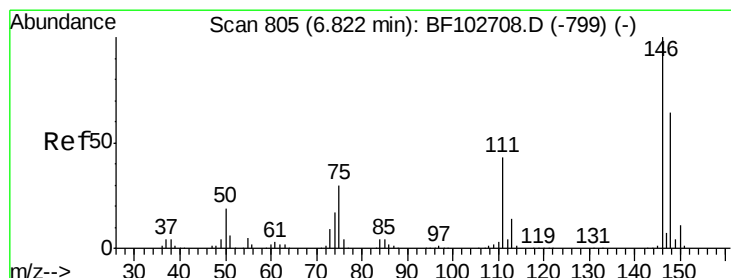
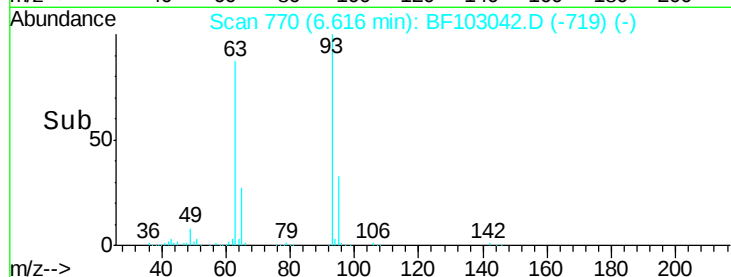
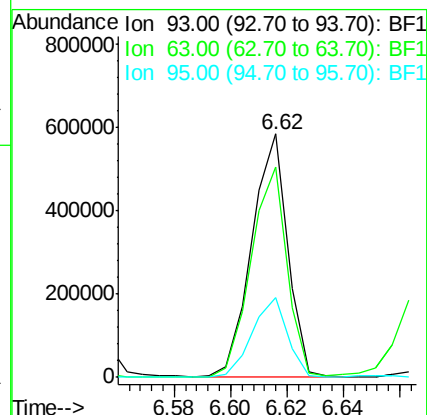
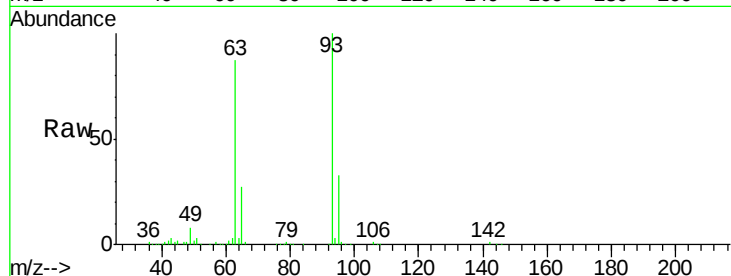
Tot Ion: 93 Resp: 511933

Ion Ratio Lower Upper

93 100

63 86.5 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.076 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

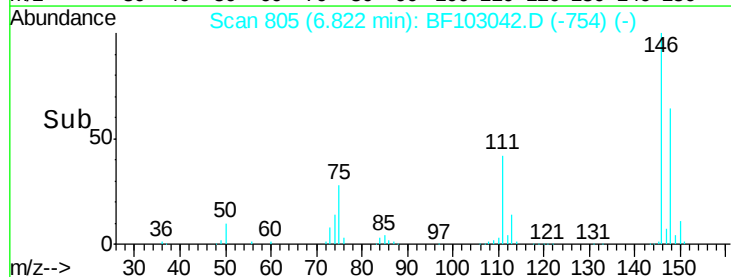
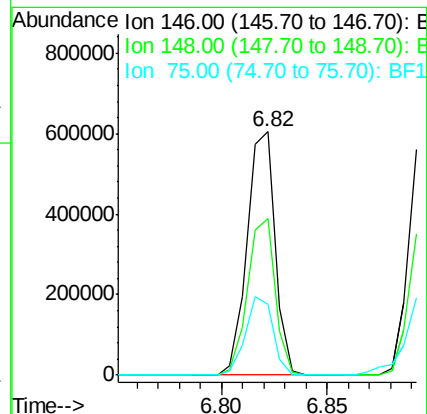
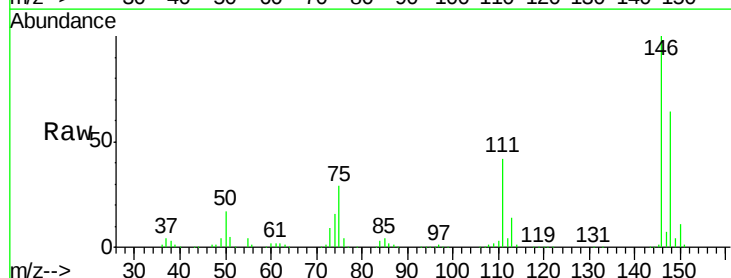
Tgt Ion: 146 Resp: 558067

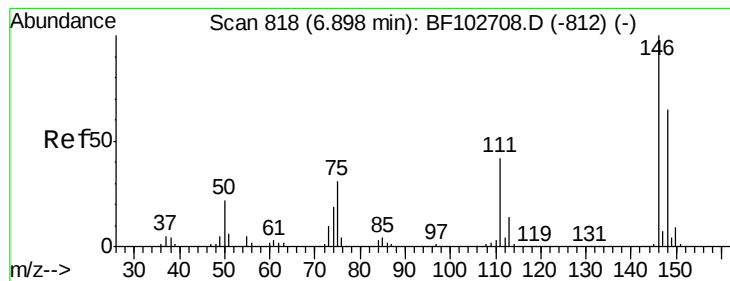
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 29.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.435 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

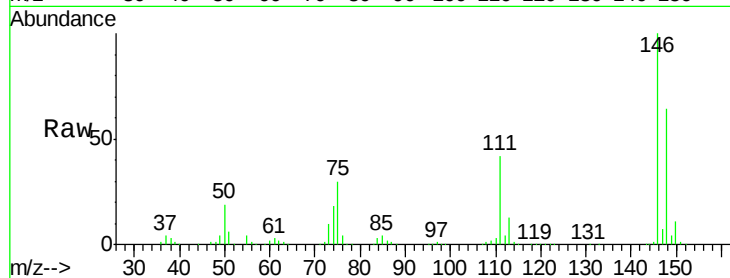
Tot Ion:146 Resp: 561011

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

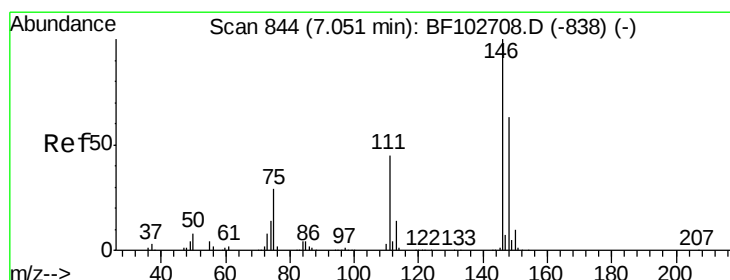
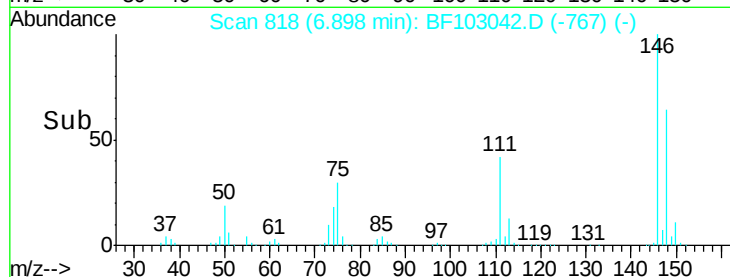
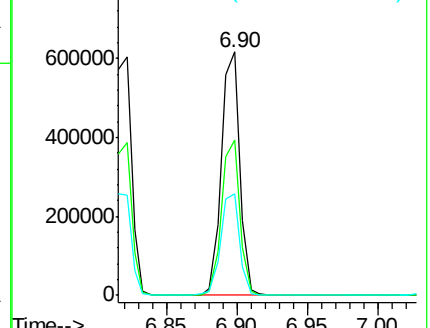
111 41.6 34.2 51.2



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: 38.658 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

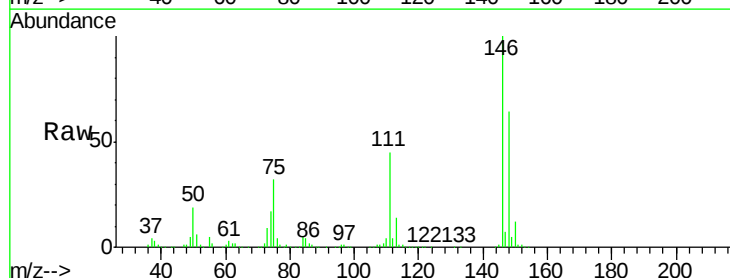
Tgt Ion:146 Resp: 512251

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

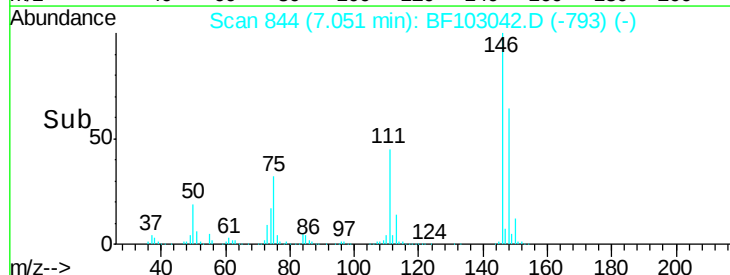
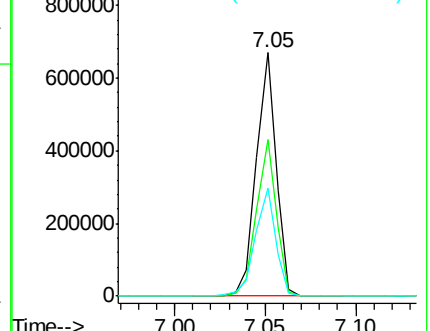
111 44.6 36.0 54.0

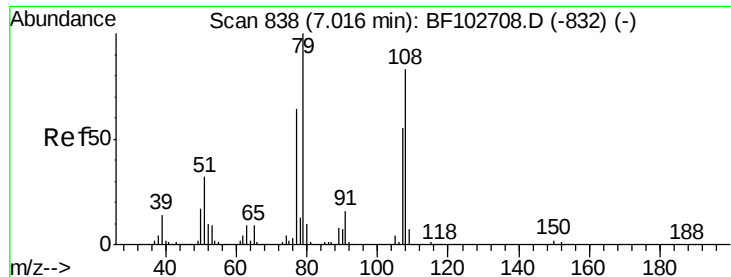


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

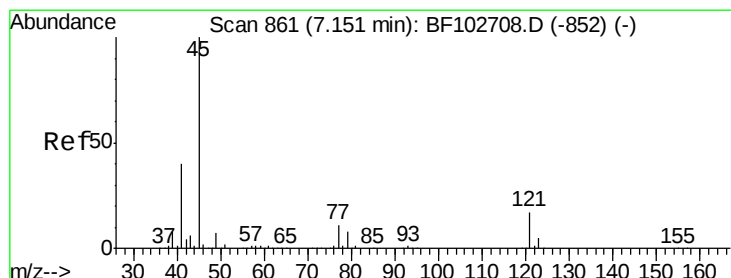
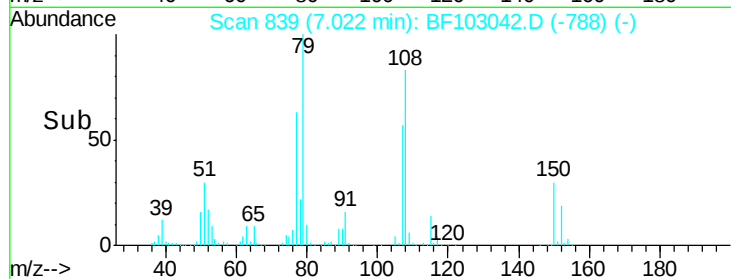
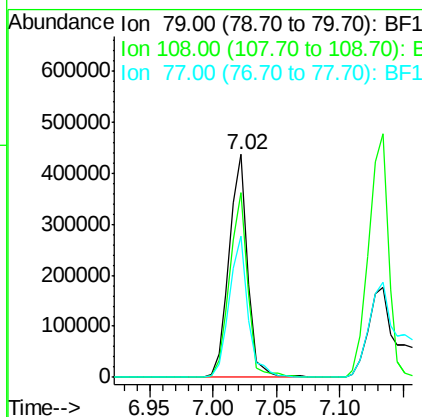
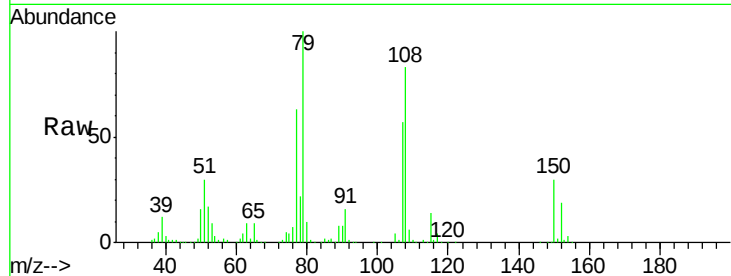




#15
Benzyl Alcohol
Concen: 39.780 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

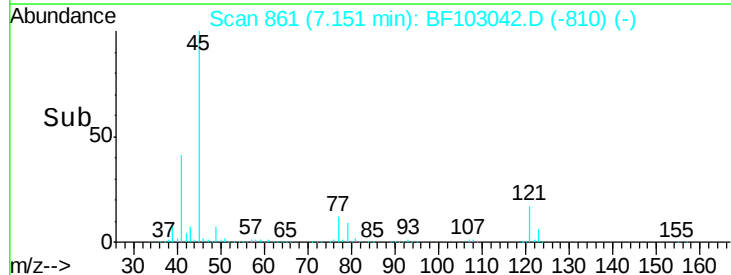
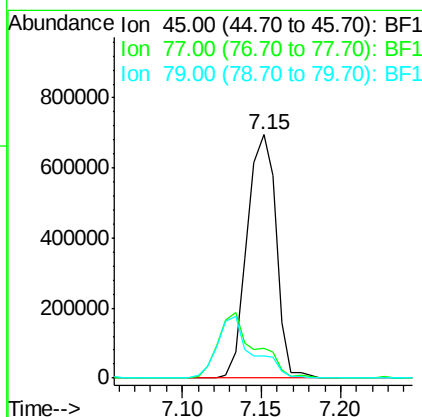
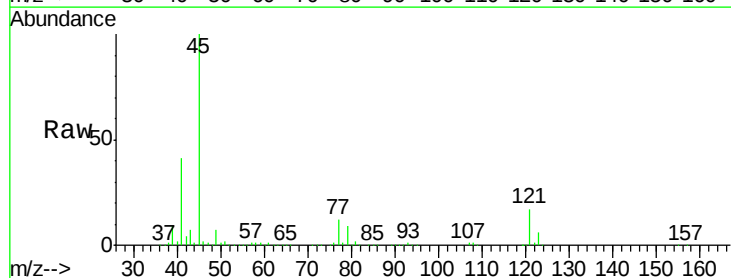
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

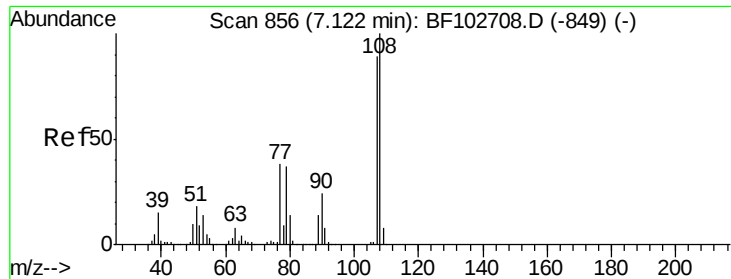
Tot Ion: 79 Resp: 441135
Ion Ratio Lower Upper
79 100
108 82.6 65.1 97.7
77 63.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.337 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion: 45 Resp: 887858
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.9
79 9.3 0.0 29.6

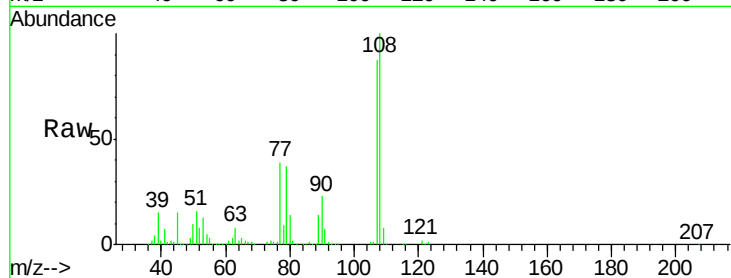




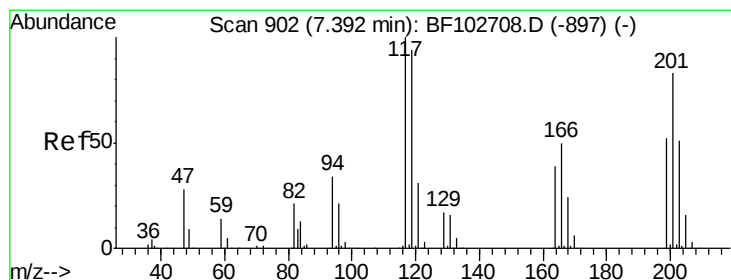
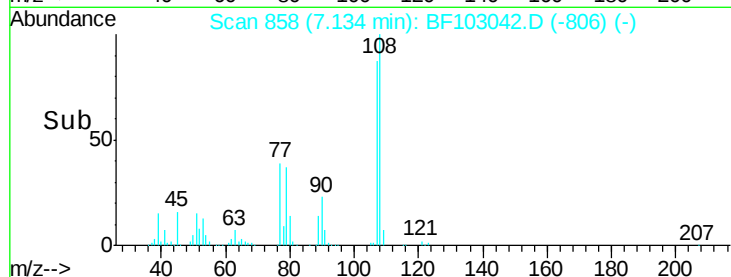
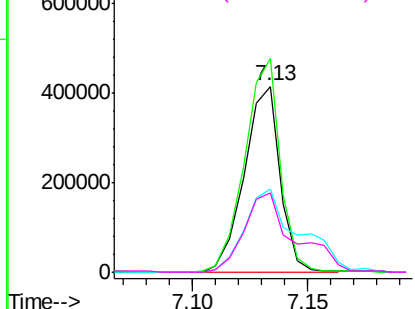
#17
2-Methylphenol
Concen: 39.491 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.7	137.5
77	45.1	33.8	50.8
79	42.7	33.8	50.8

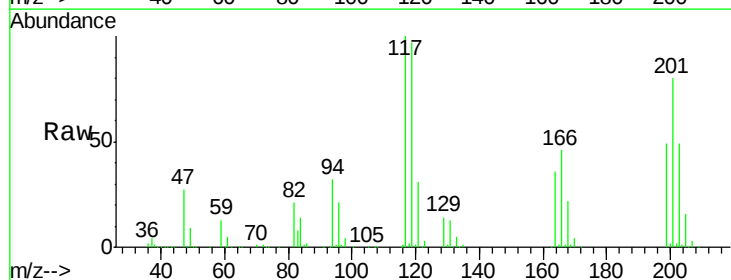


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

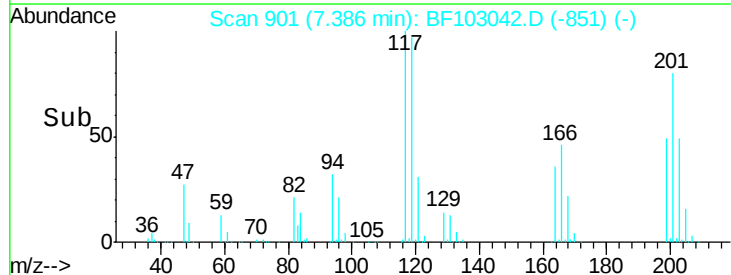
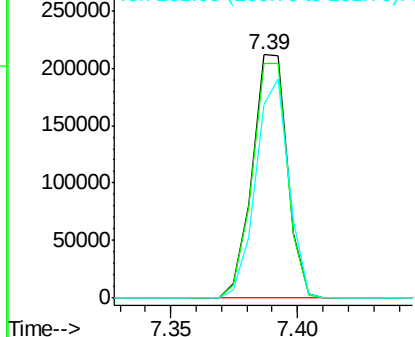


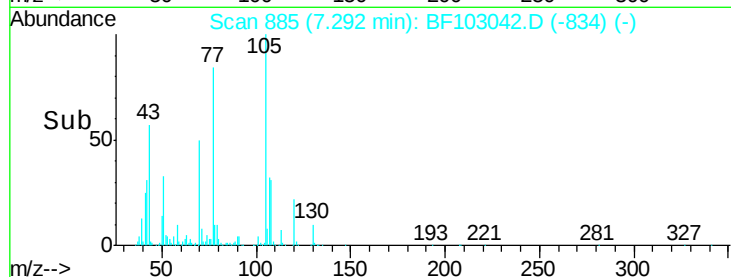
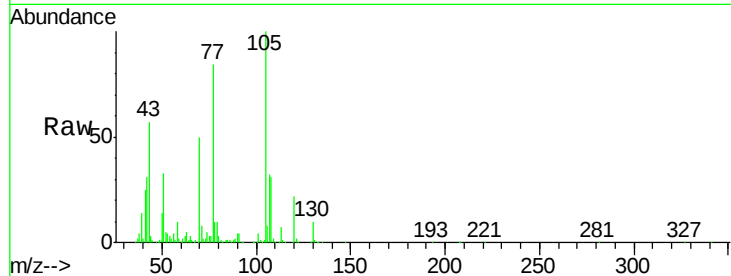
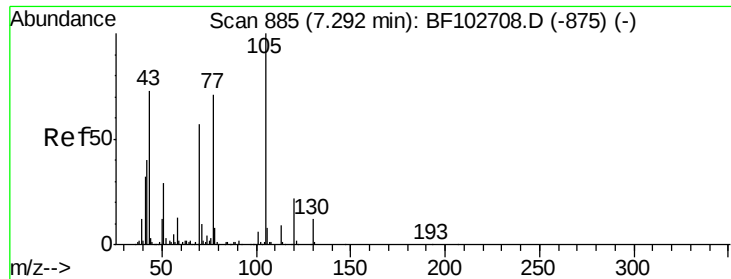
#18
Hexachloroethane
Concen: 41.573 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.8
201	79.6	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

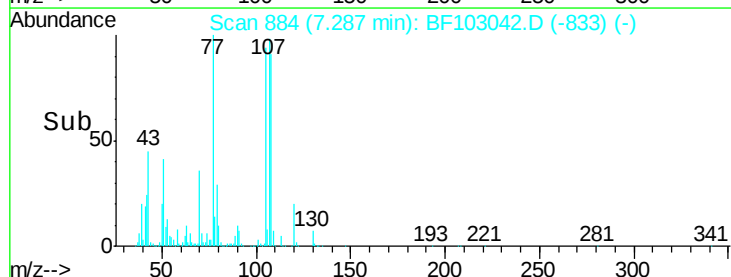
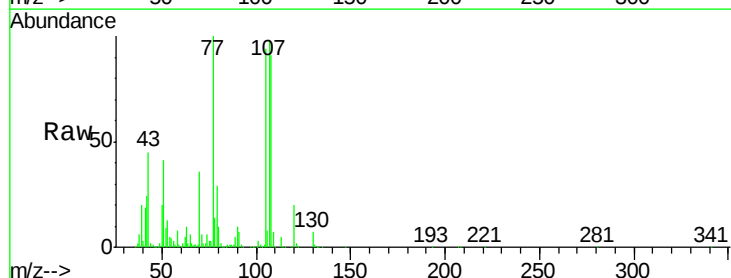
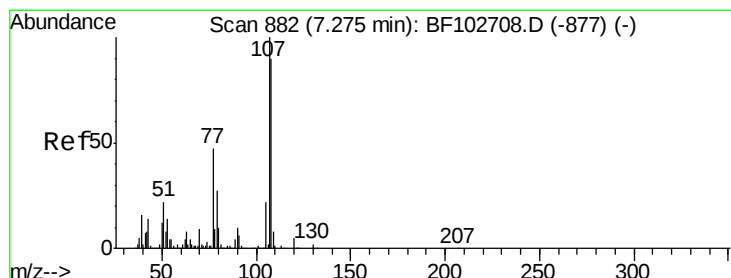
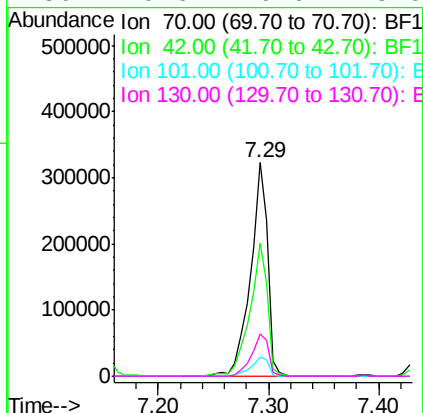




#19
n-Nitroso-di-n-propylamine
Concen: 37.005 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

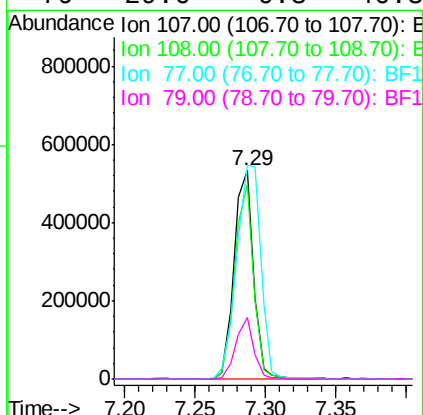
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

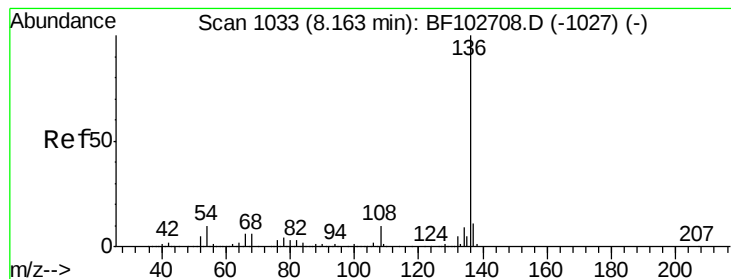
Tot Ion: 70 Resp: 351916
Ion Ratio Lower Upper
70 100
42 62.0 47.5 71.3
101 8.9 7.4 11.2
130 19.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.574 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion: 107 Resp: 513072
Ion Ratio Lower Upper
107 100
108 93.7 68.2 108.2
77 102.5 26.7 66.7#
79 29.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 787248

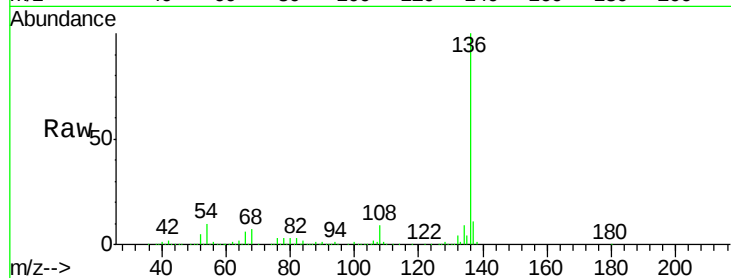
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.6 6.6 9.8

68 6.7 5.0 7.4

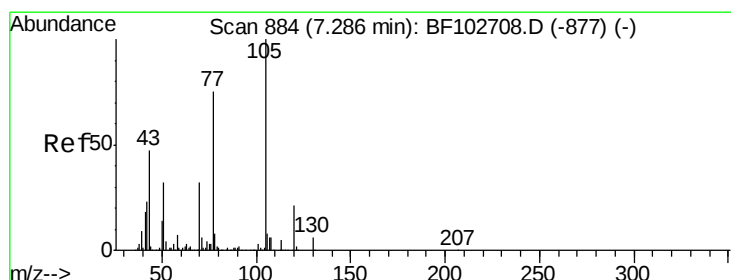
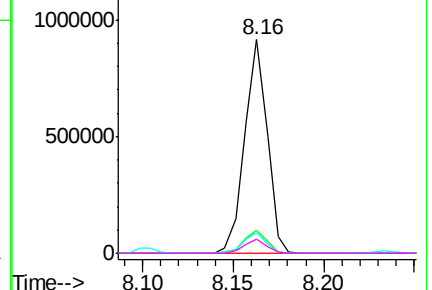
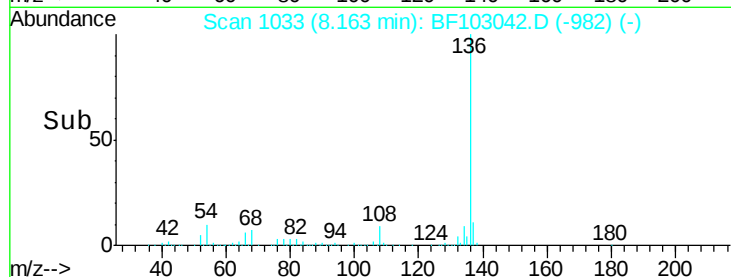


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.892 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Tgt Ion:105 Resp: 672189

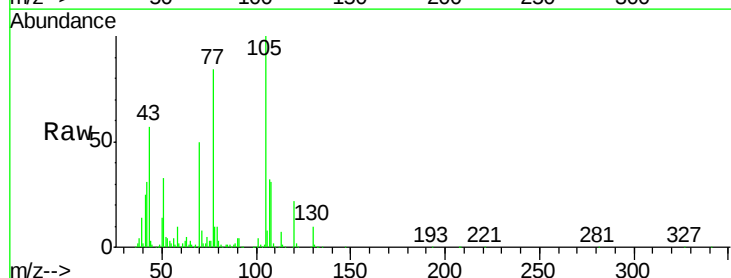
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 32.9 22.3 33.5

120 22.2 16.9 25.3

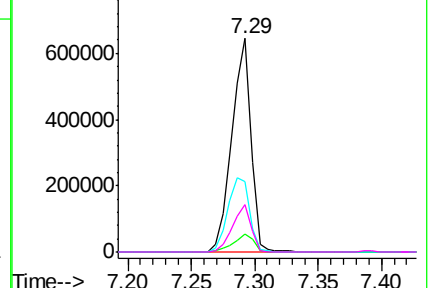
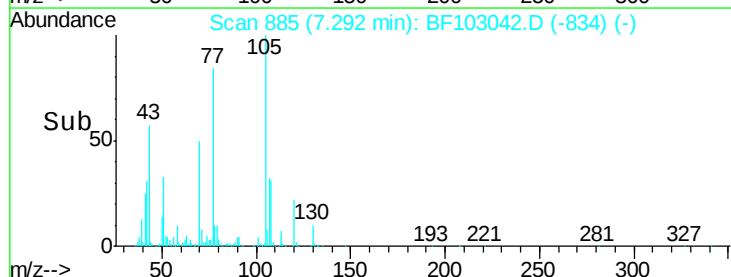


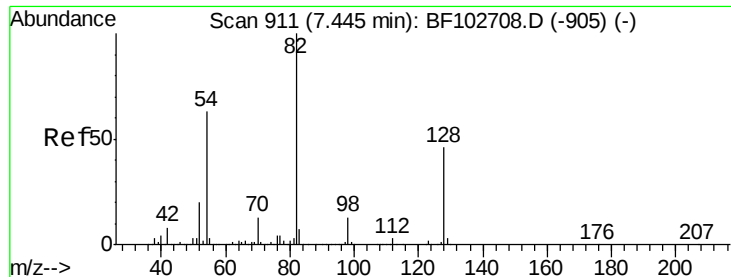
Abundance Ion 105.00 (104.70 to 105.70): E

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



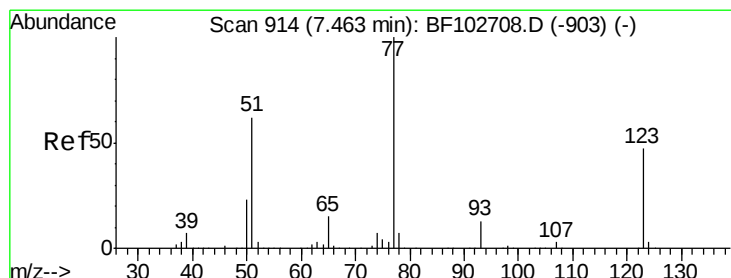
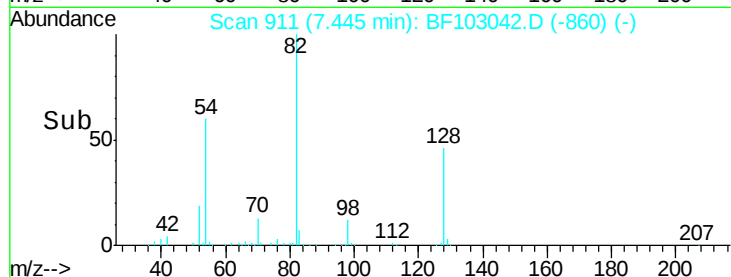
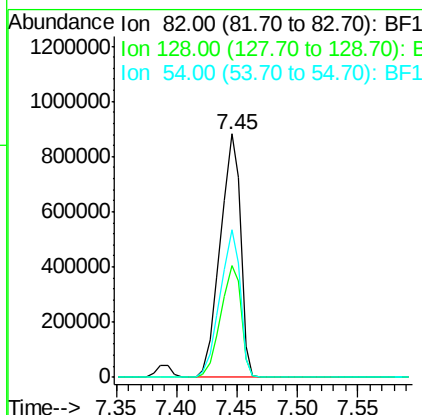
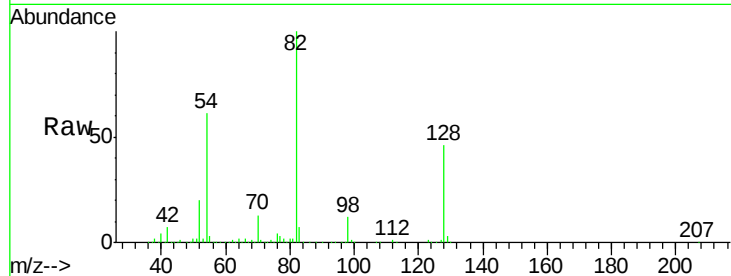


#23
 Nitrobenzene-d5
 Concen: 90.490 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1026917

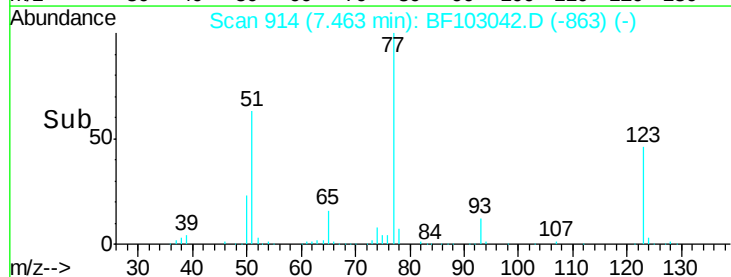
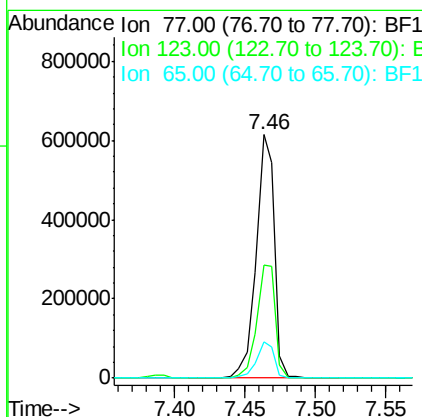
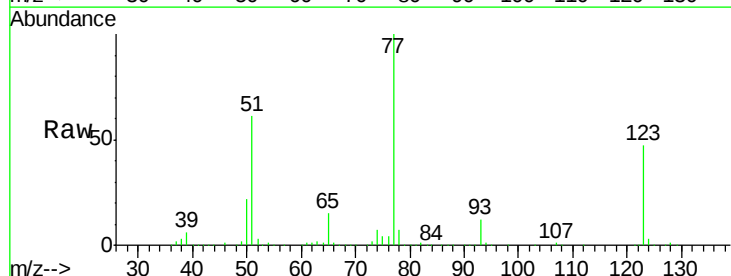
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	60.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 41.999 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Tgt Ion: 77 Resp: 560706

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 38.002 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

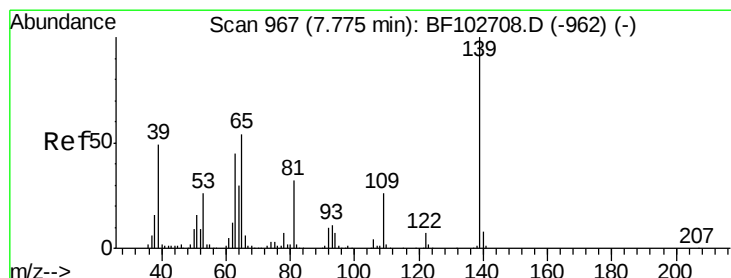
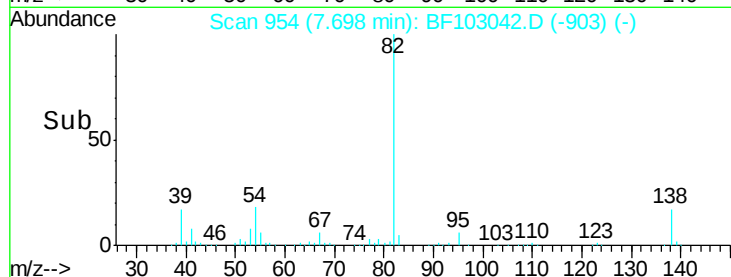
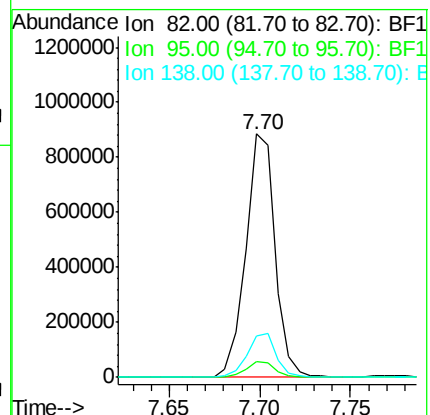
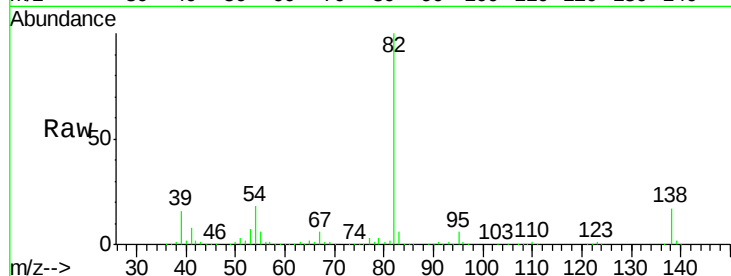
Tot Ion: 82 Resp: 993043

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 52.093 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

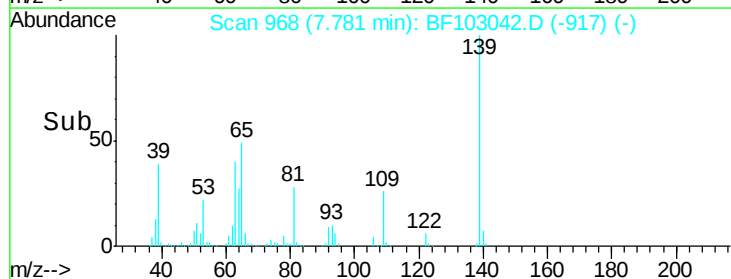
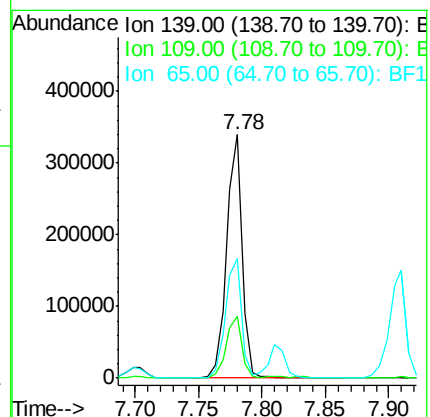
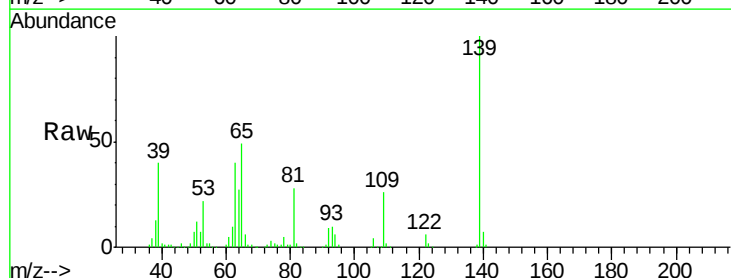
Tgt Ion: 139 Resp: 290630

Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 49.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.195 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

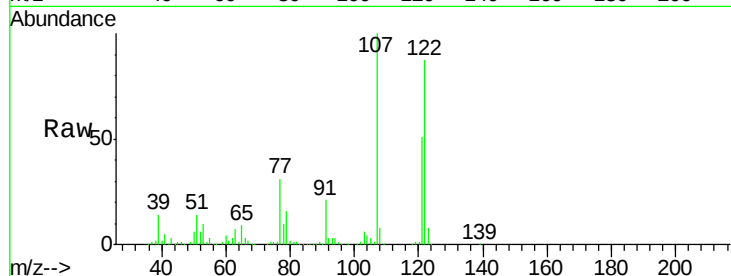
Tot Ion:122 Resp: 399595

Ion Ratio Lower Upper

122 100

107 114.3 91.2 136.8

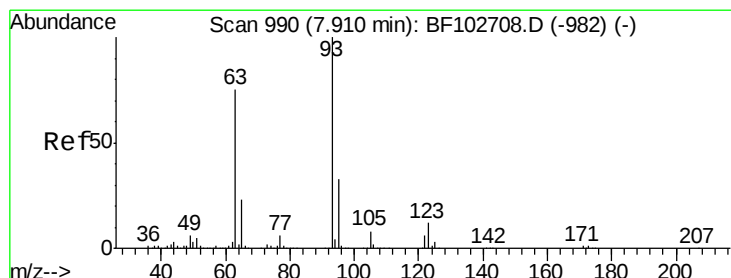
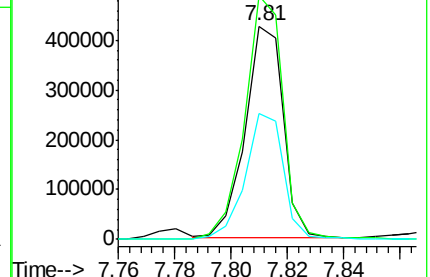
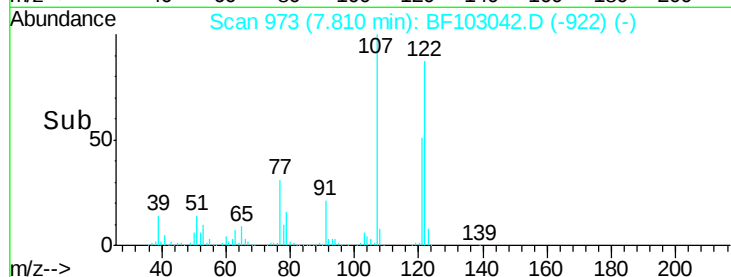
121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.775 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

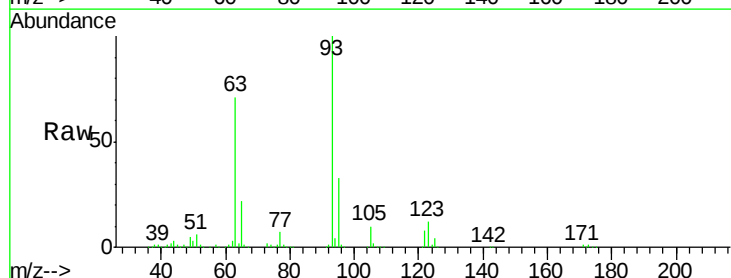
Tgt Ion: 93 Resp: 600234

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

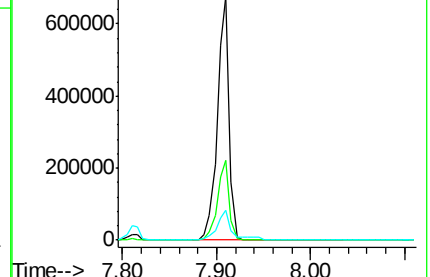
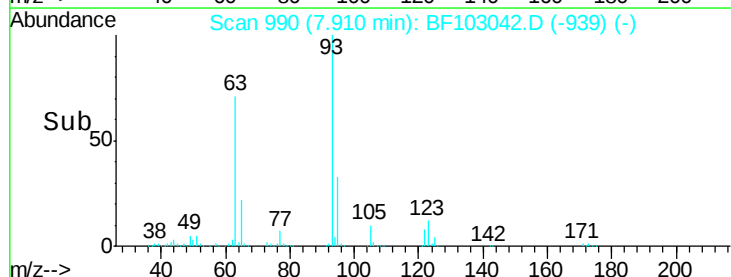
123 12.1 9.8 14.6

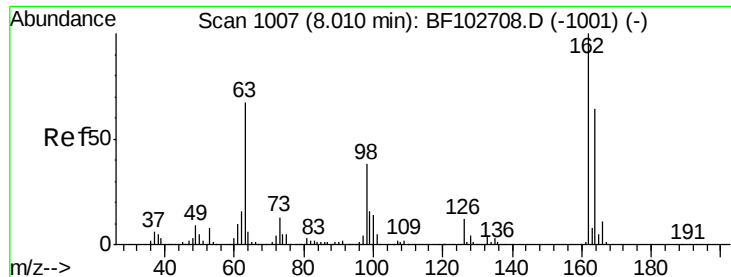


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

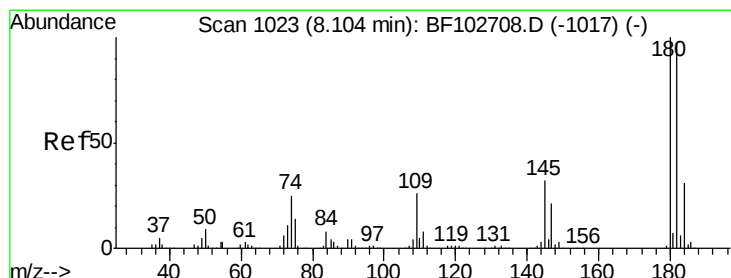
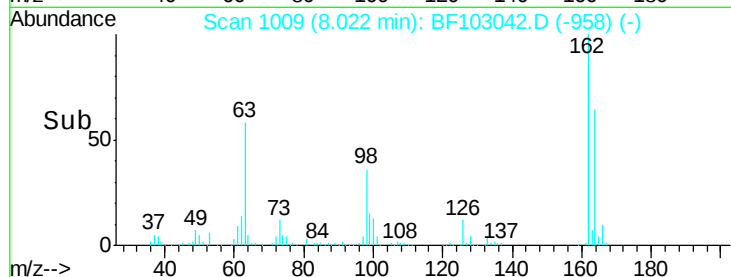
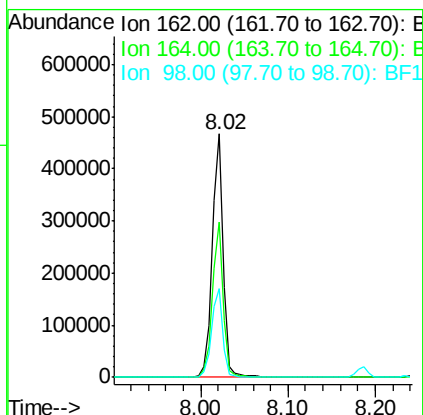
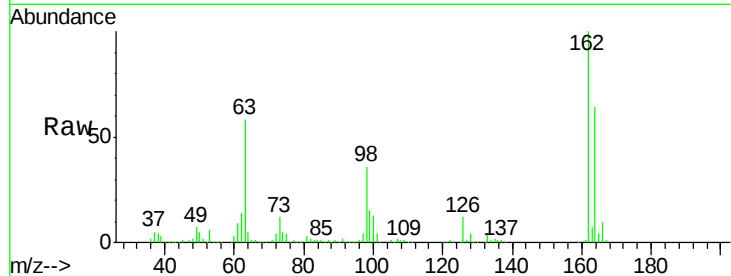




#29
 2,4-Dichlorophenol
 Concen: 40.684 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

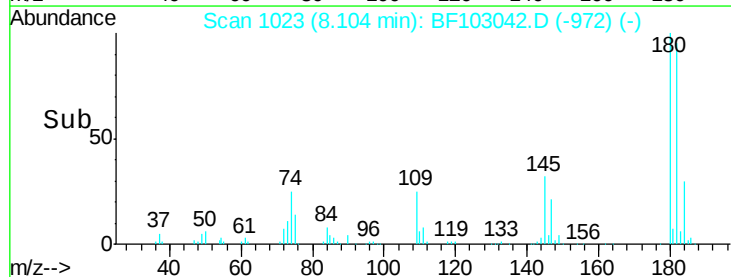
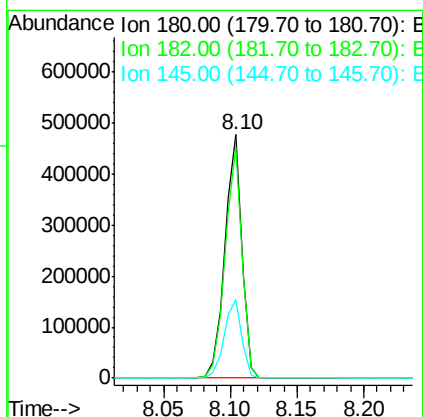
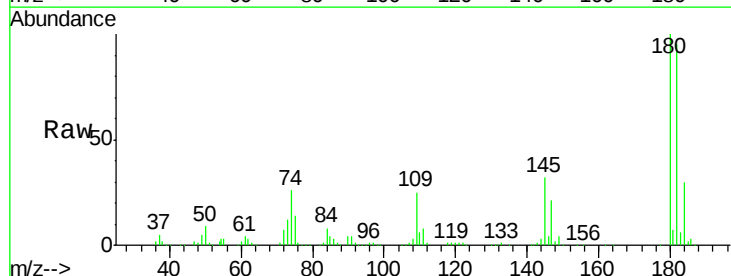
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

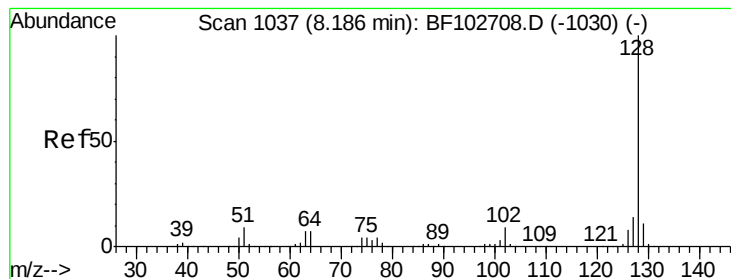
Tot Ion:162 Resp: 408310
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.7 82.7
 98 36.5 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.012 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Tgt Ion:180 Resp: 431570
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.8 115.2
 145 32.3 26.5 39.7





#31

Naphthalene

Concen: 37.357 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

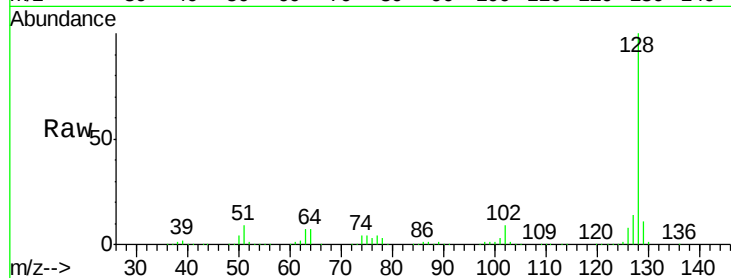
Tot Ion:128 Resp: 1436869

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

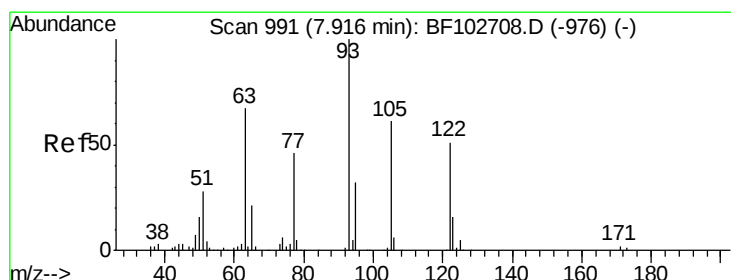
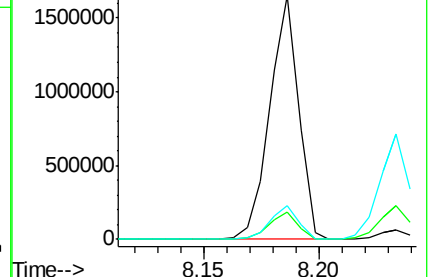
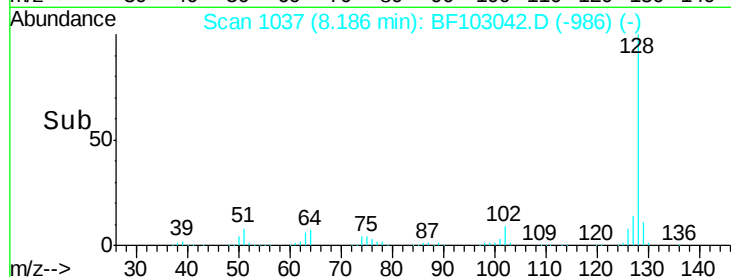
127 13.7 10.9 16.3



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: 40.977 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

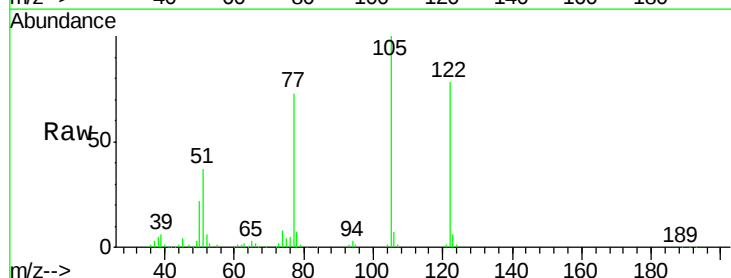
Tgt Ion:122 Resp: 299375

Ion Ratio Lower Upper

122 100

105 128.5 101.1 141.1

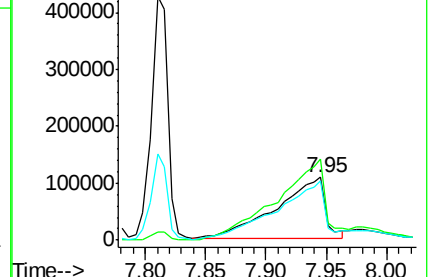
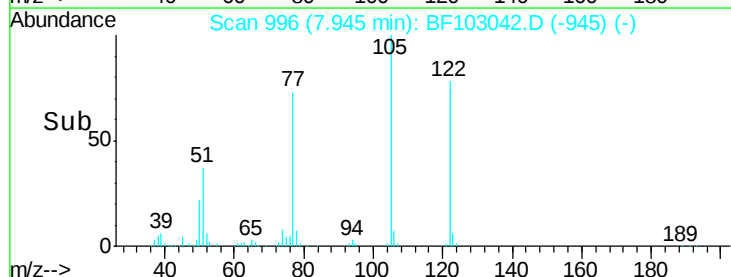
77 93.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

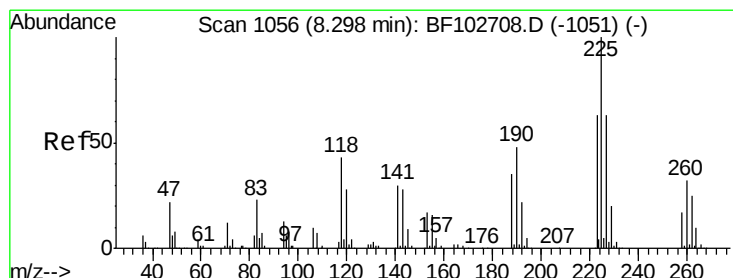
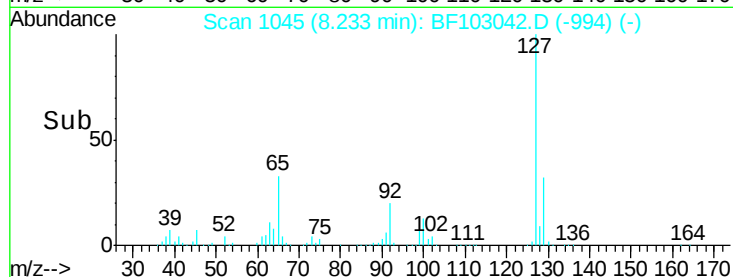
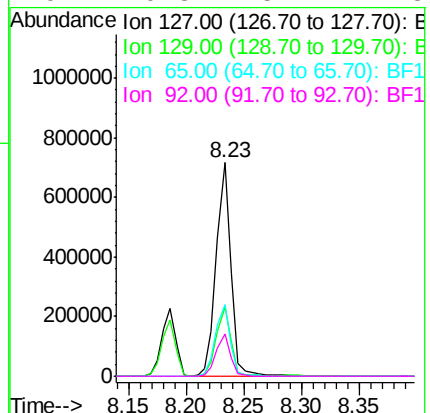
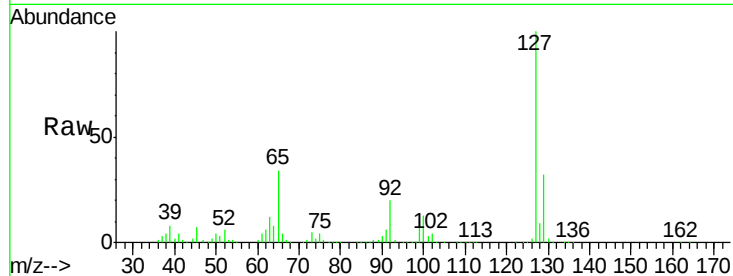




#33
4-Chloroaniline
Concen: 38.329 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

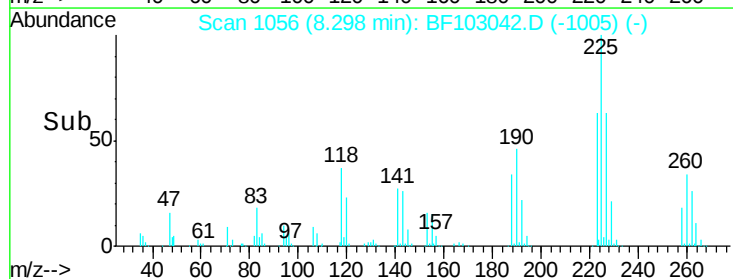
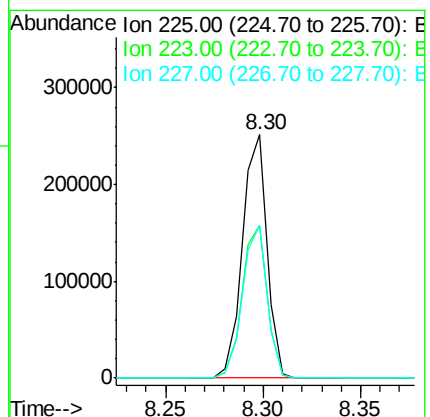
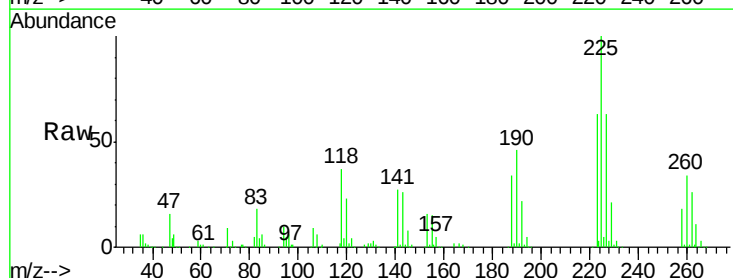
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

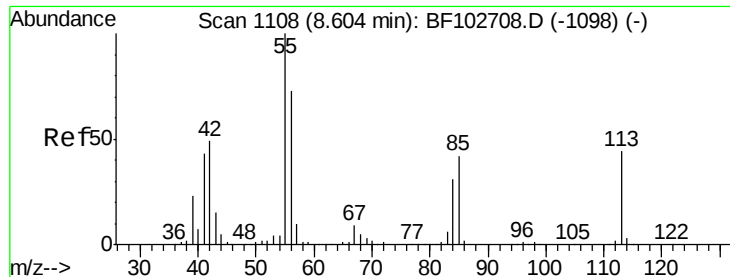
Tot Ion:	127	Resp:	635106
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	33.6	25.0	37.4
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.716 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion:	225	Resp:	219425
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.9	51.9	77.9

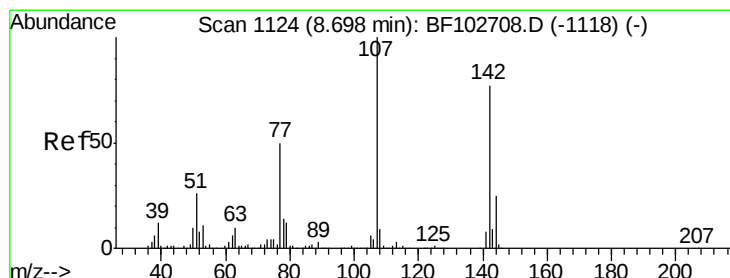
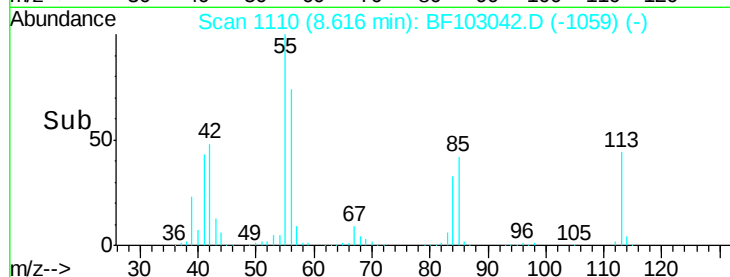
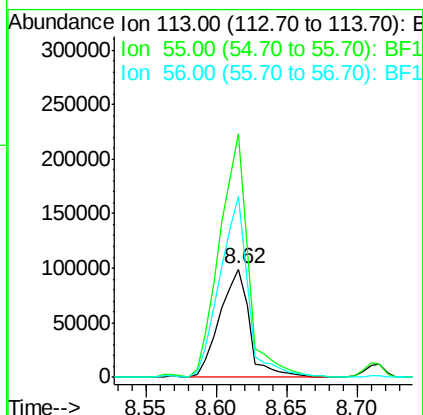
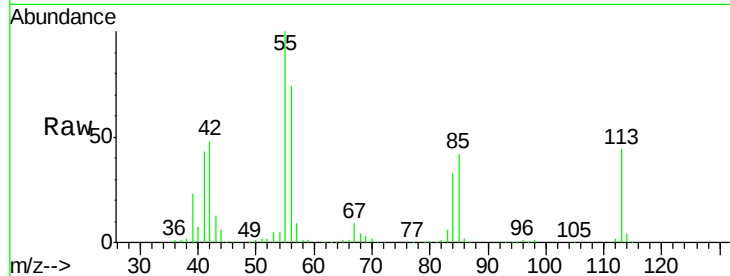




#35
 Caprolactam
 Concen: 41.836 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

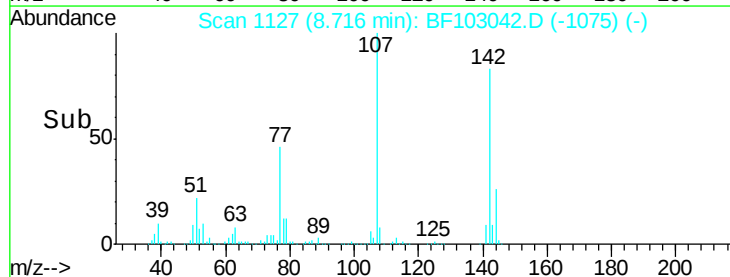
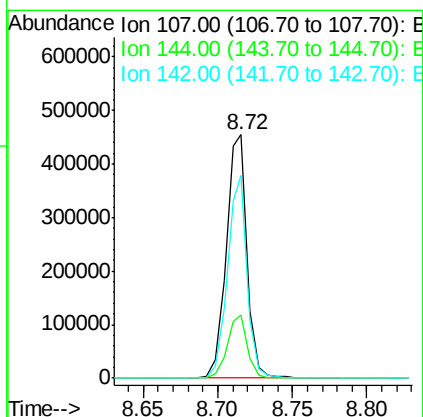
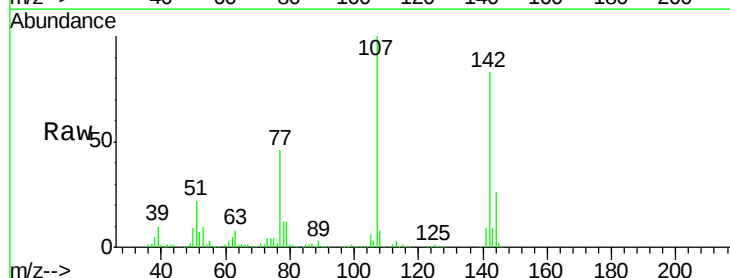
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

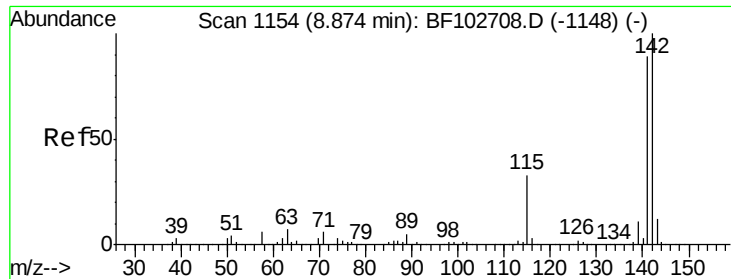
Tot Ion:113 Resp: 145815
 Ion Ratio Lower Upper
 113 100
 55 224.8 163.3 203.3#
 56 166.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.753 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Tgt Ion:107 Resp: 448266
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 83.1 62.0 93.0

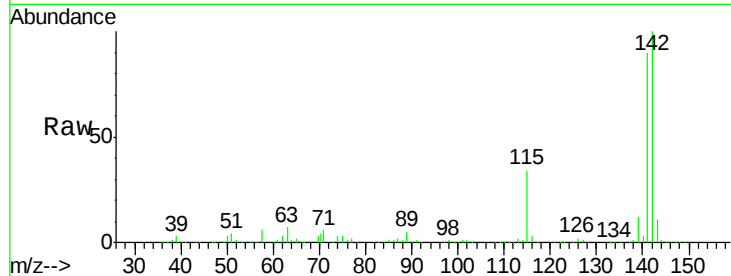




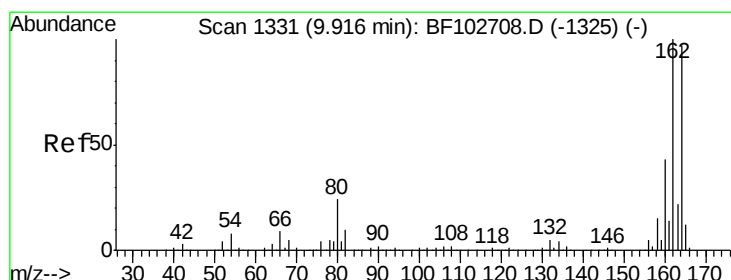
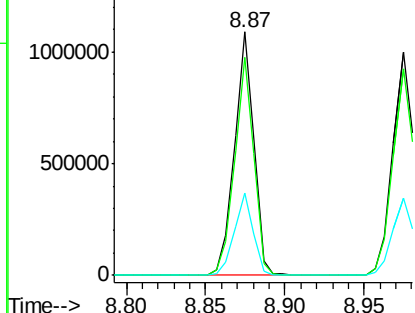
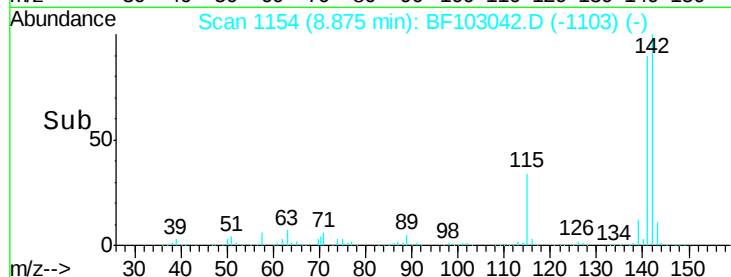
#37
2-Methylnaphthalene
Concen: 36.825 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 927336
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 33.8 26.1 39.1

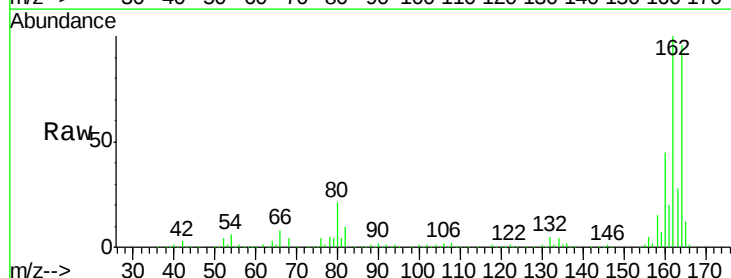


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

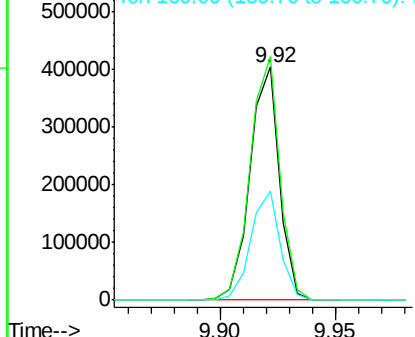
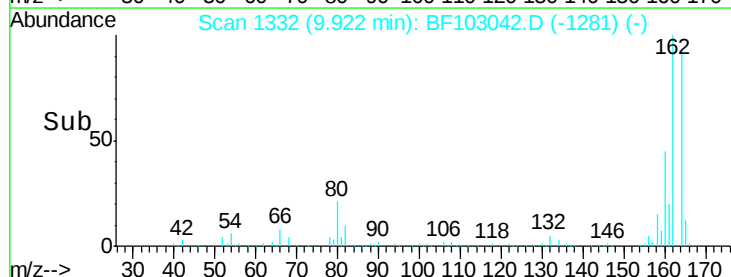


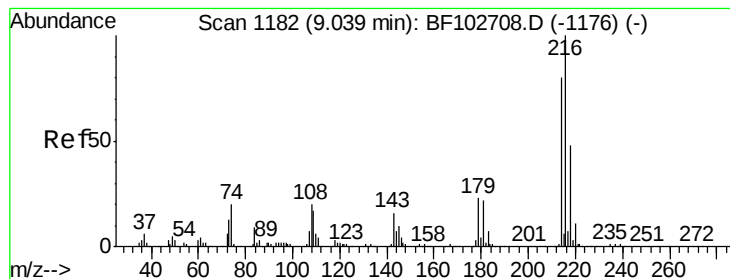
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion:164 Resp: 358554
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 46.9 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: 38.503 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 375901

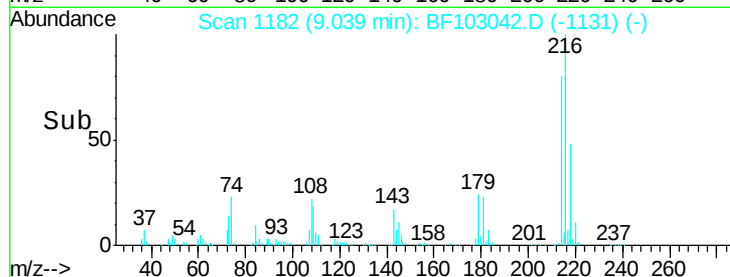
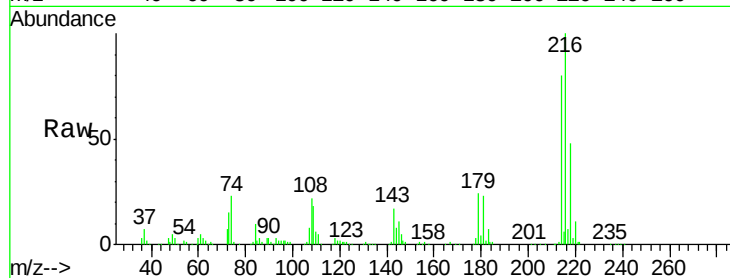
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 23.2 18.1 27.1

108 22.7 17.2 25.8

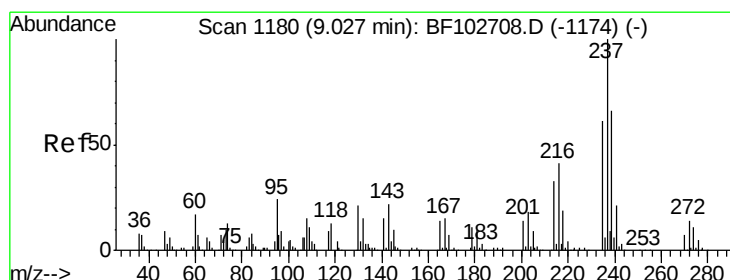
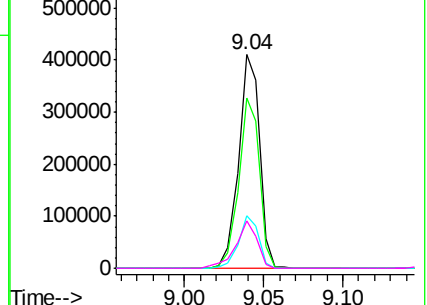


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.343 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

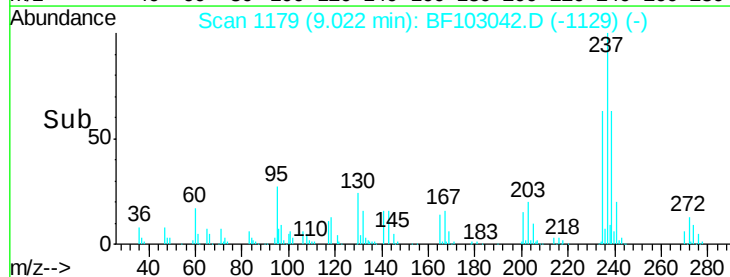
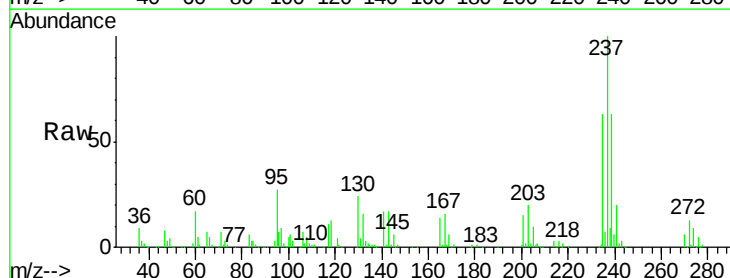
Tgt Ion:237 Resp: 173312

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

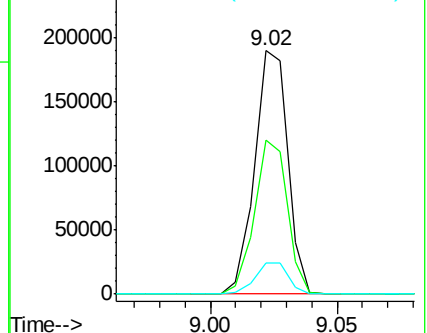
272 12.8 0.0 33.3

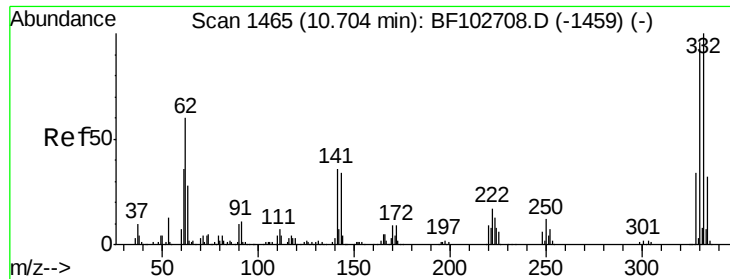


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

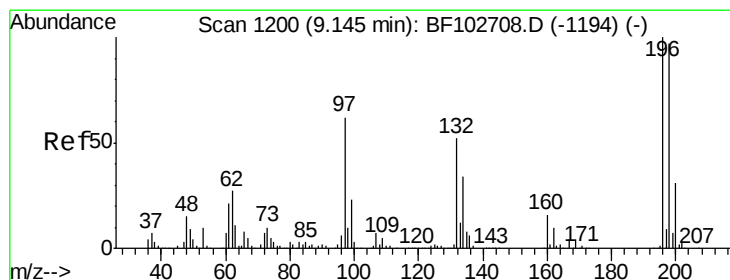
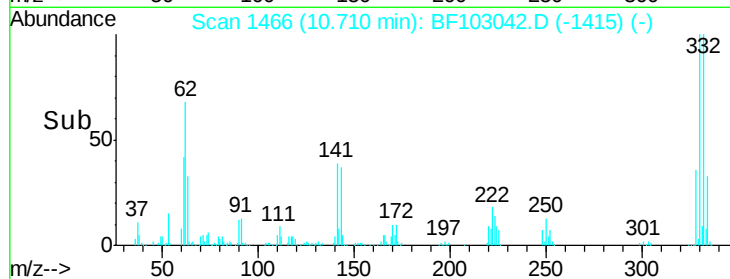
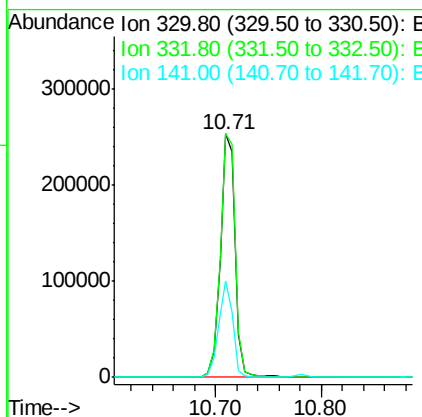
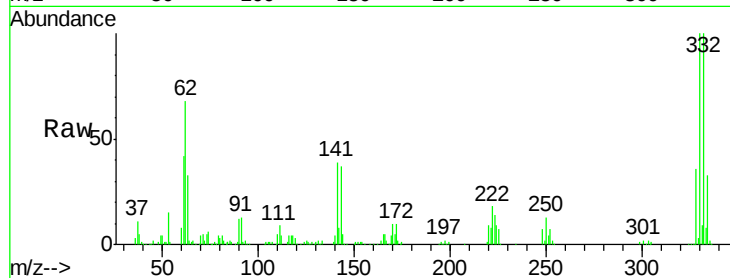




#41
 2,4,6-Tribromophenol
 Concen: 86.399 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

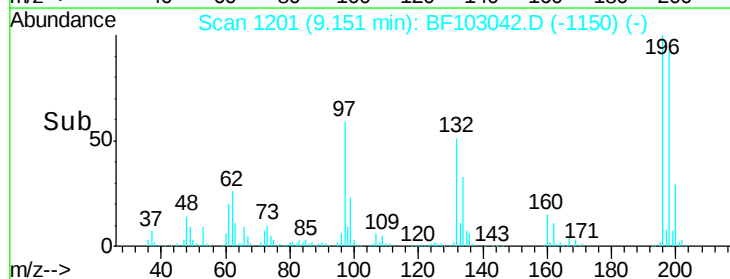
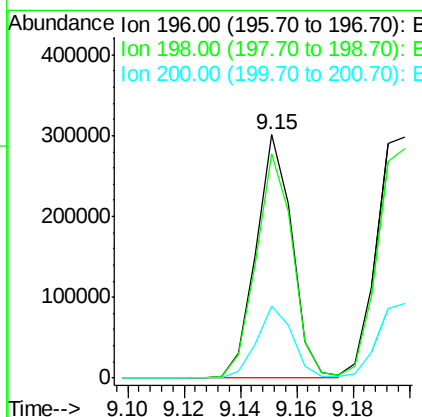
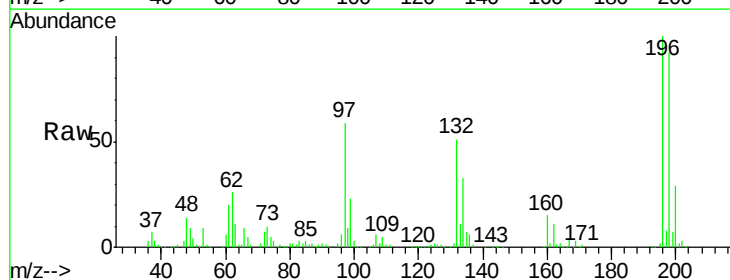
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

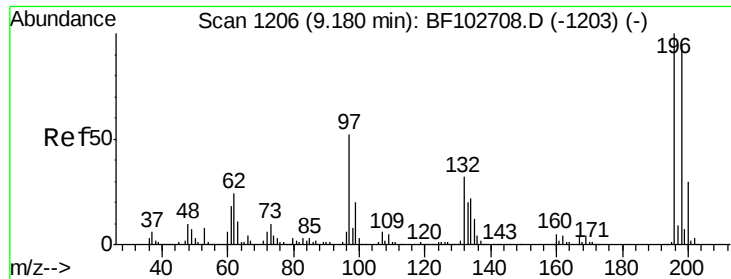
Tot Ion:330 Resp: 249342
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 38.6 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.613 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Tgt Ion:196 Resp: 266842
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.7 113.5
 200 29.4 24.5 36.7

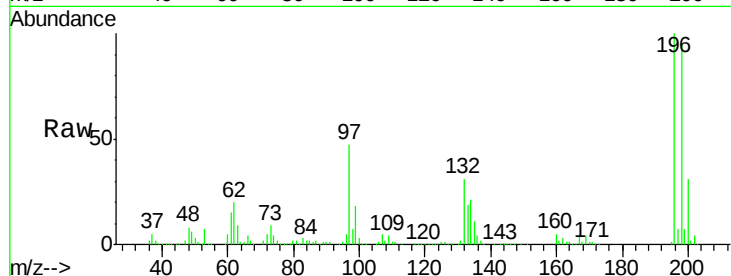




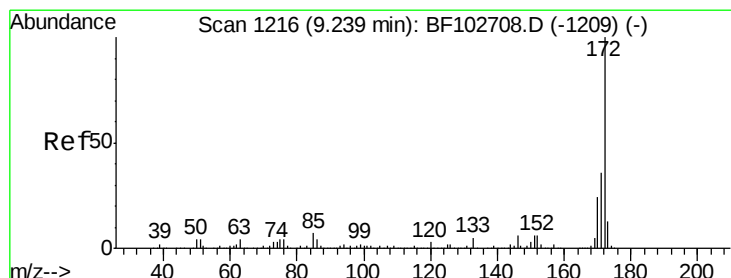
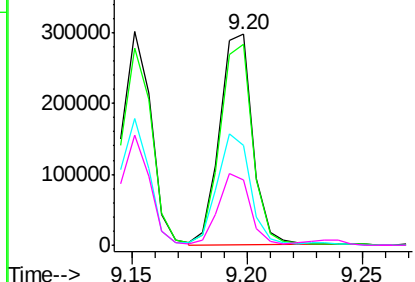
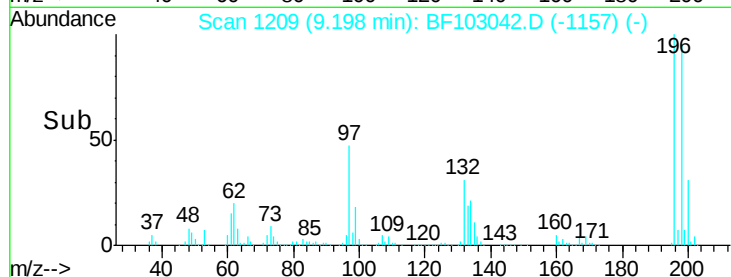
#43
 2,4,5-Trichlorophenol
 Concen: 40.849 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	295235
Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.6	112.0
97	47.5	42.9	64.3
132	31.2	26.3	39.5

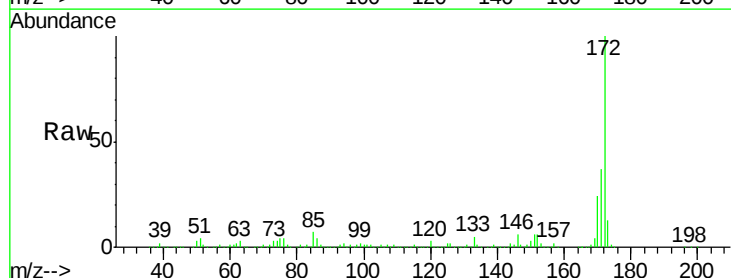


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

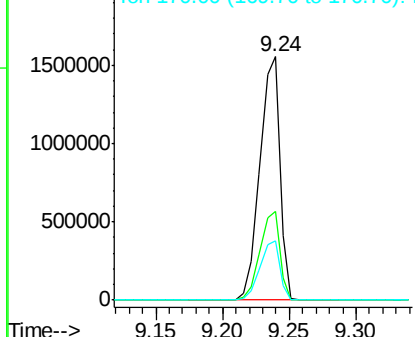
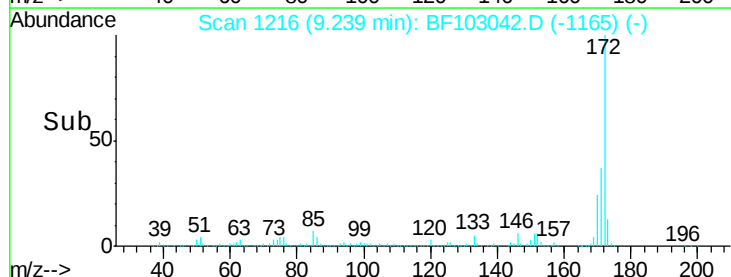


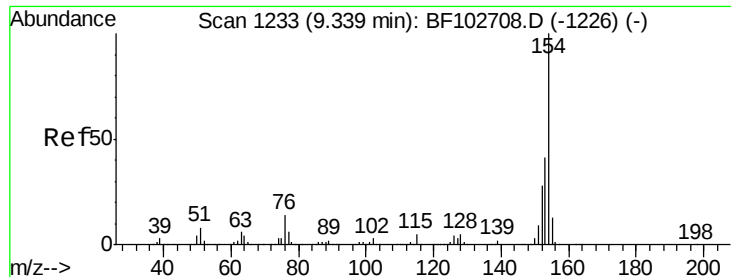
#44
 2-Fluorobiphenyl
 Concen: 74.256 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Tgt Ion:	172	Resp:	1604518
Ion	Ratio	Lower	Upper
172	100		
171	36.6	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: 37.030 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

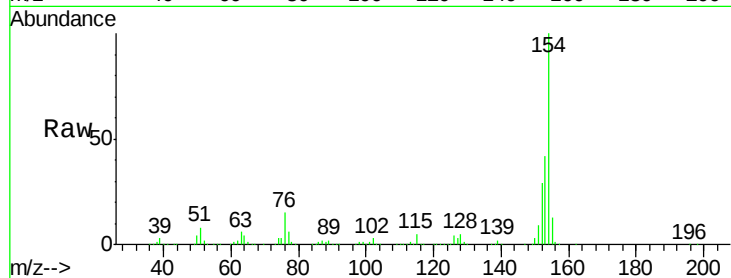
Tot Ion:154 Resp: 1118315

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

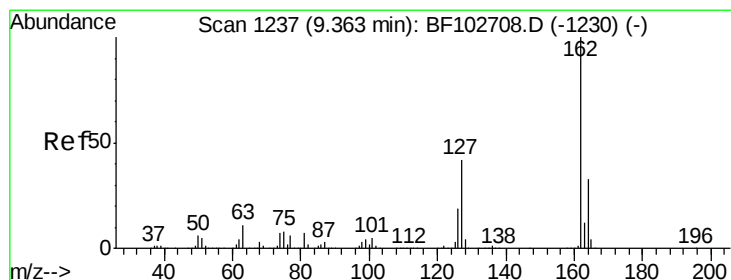
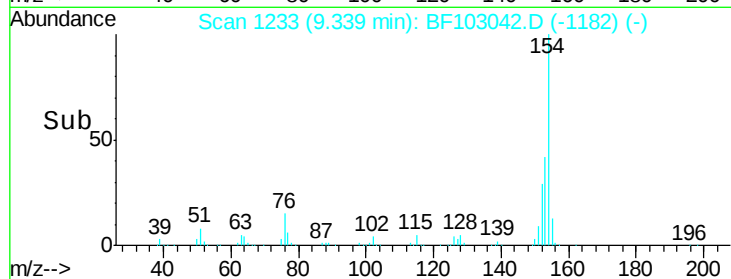
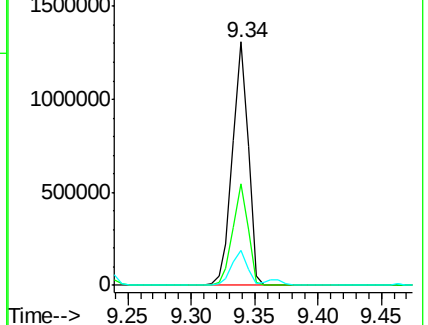
76 14.6 0.0 34.0



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: 37.514 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

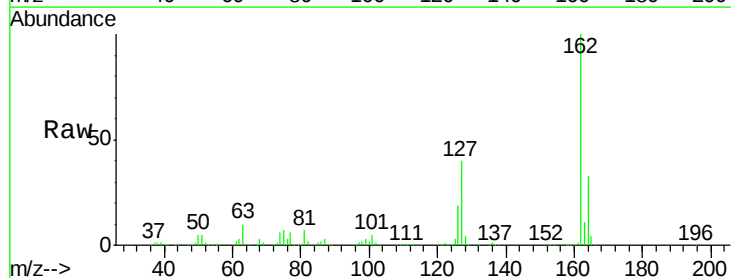
Tgt Ion:162 Resp: 891915

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

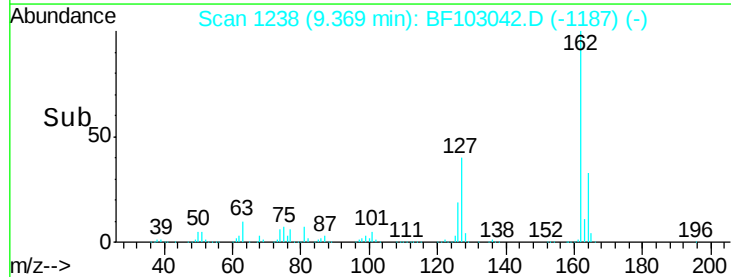
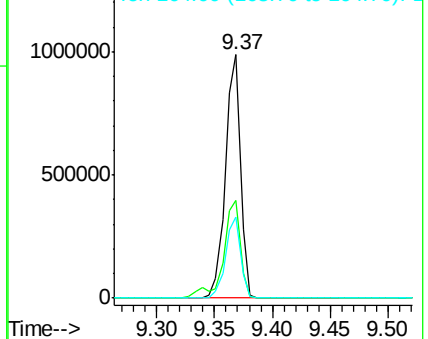
164 33.2 26.5 39.7

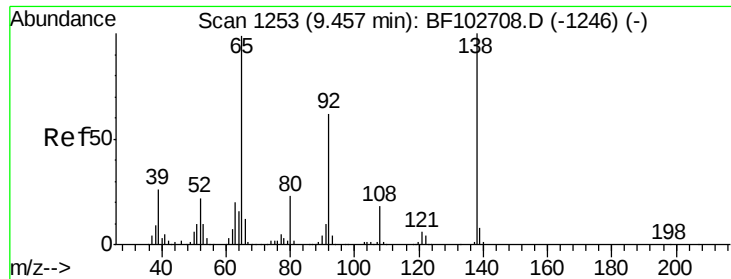


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

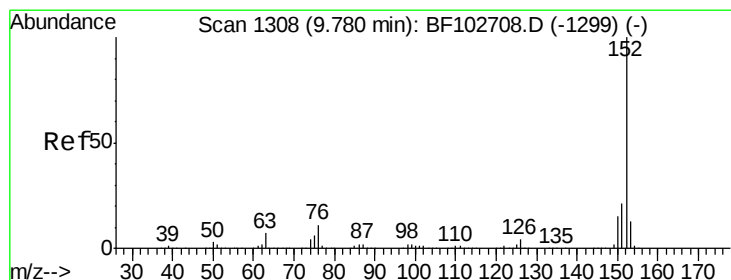
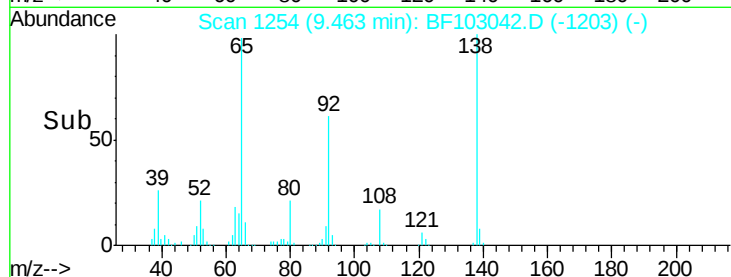
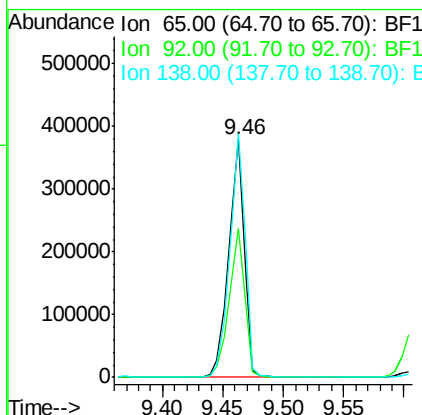
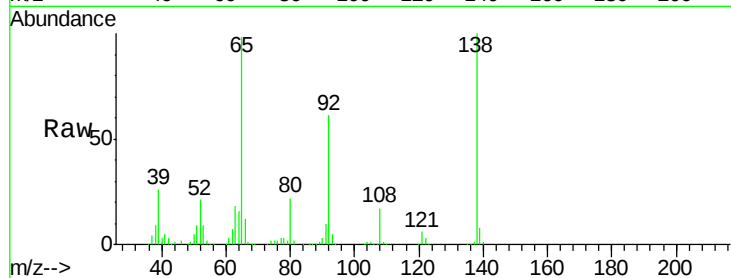




#47
2-Nitroaniline
Concen: 46.645 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

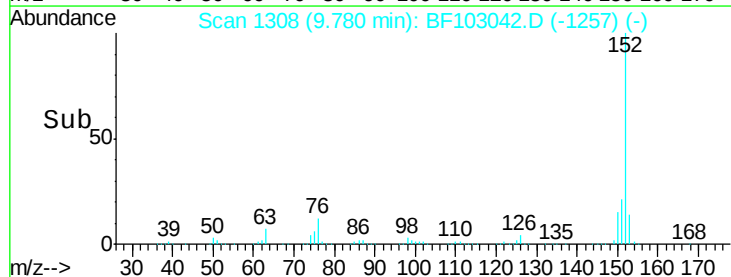
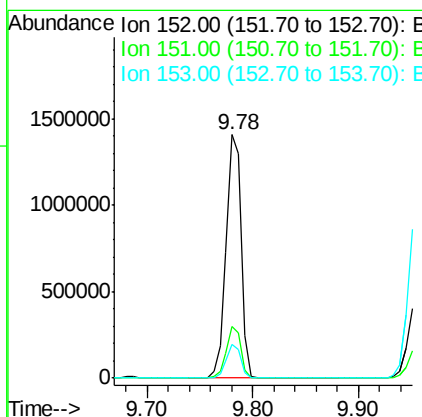
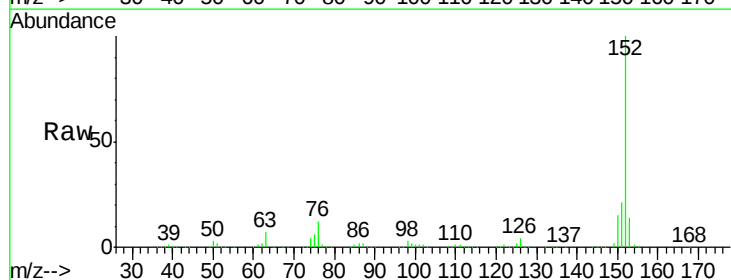
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

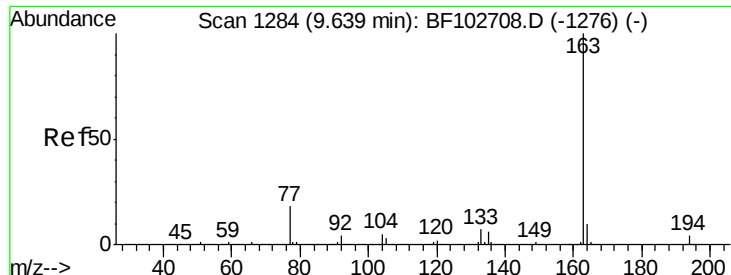
Tot Ion: 65 Resp: 341442
Ion Ratio Lower Upper
65 100
92 62.8 55.8 83.6
138 102.3 91.2 136.8



#48
Acenaphthylene
Concen: 37.567 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion: 152 Resp: 1387272
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.6 10.7 16.1

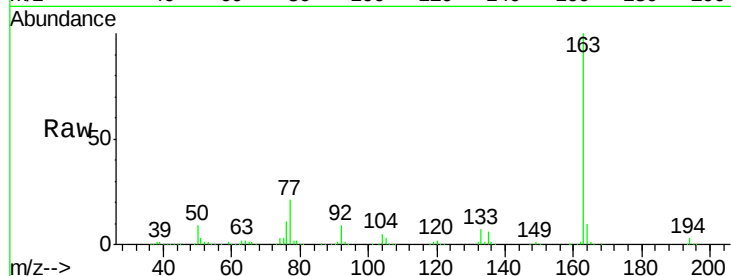




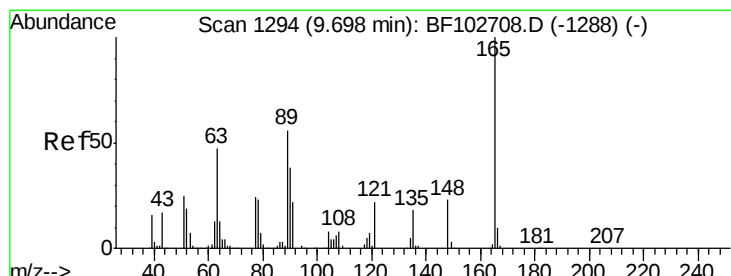
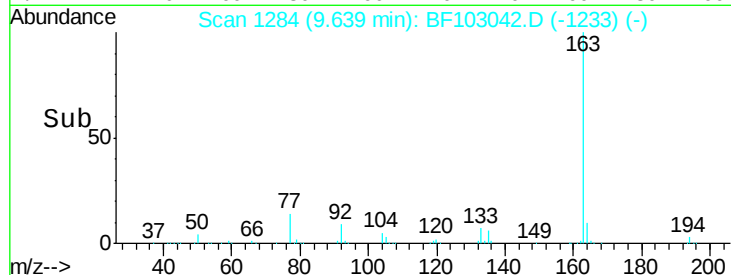
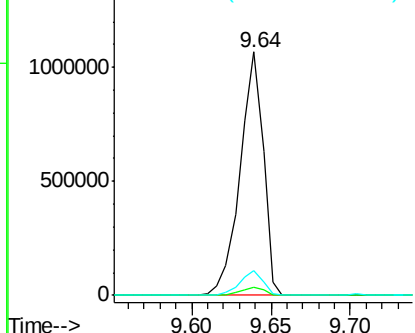
#49
Dimethylphthalate
Concen: 38.712 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1082284
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

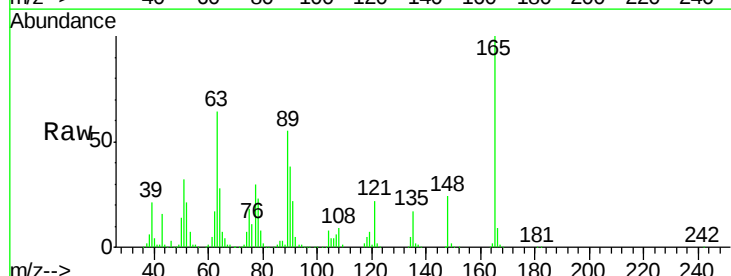


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

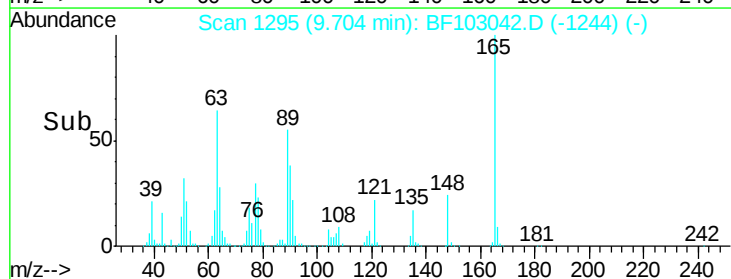
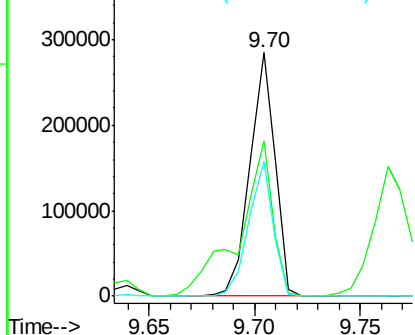


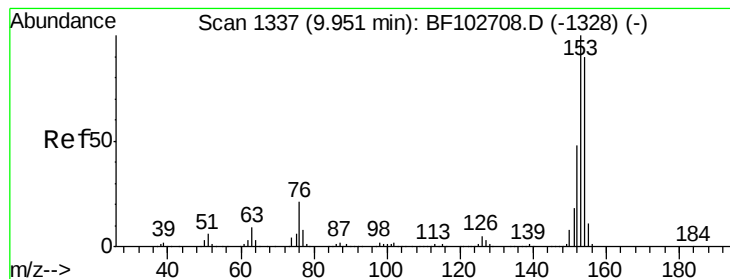
#50
2,6-Dinitrotoluene
Concen: 44.444 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion:165 Resp: 236394
Ion Ratio Lower Upper
165 100
63 63.9 44.7 67.1
89 55.3 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: 35.939 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

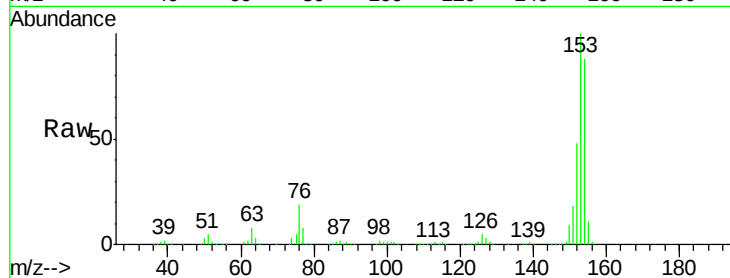
Tot Ion:154 Resp: 793677

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

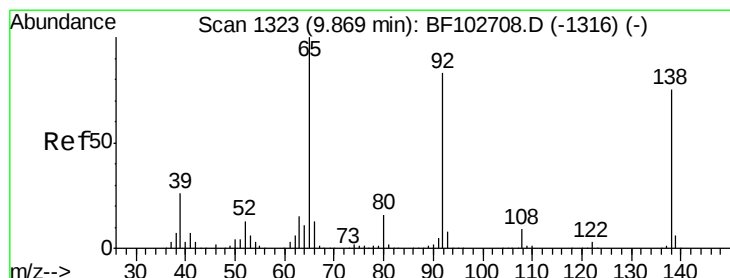
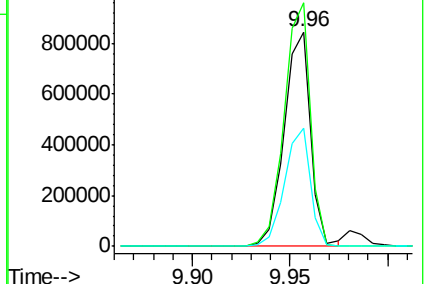
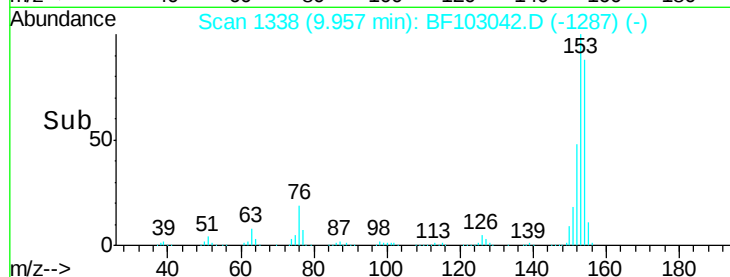
152 54.9 43.8 65.8



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: 46.238 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

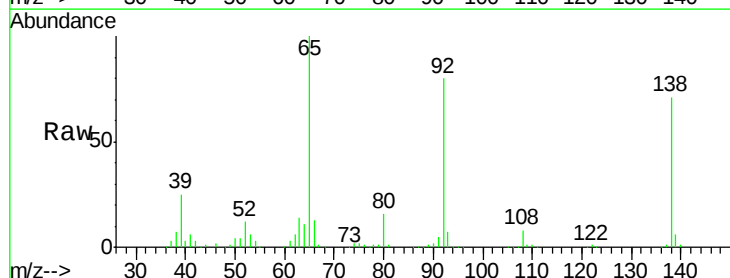
Tgt Ion:138 Resp: 302609

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

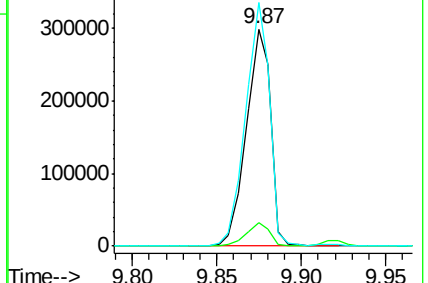
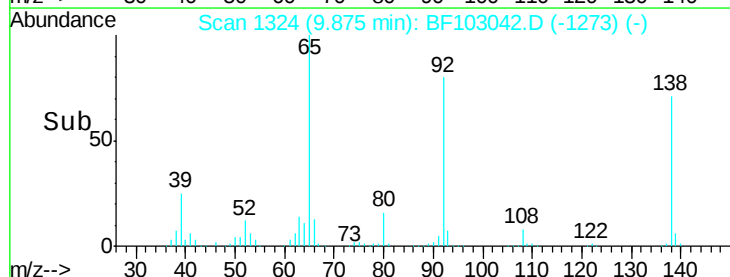
92 112.0 89.4 134.2

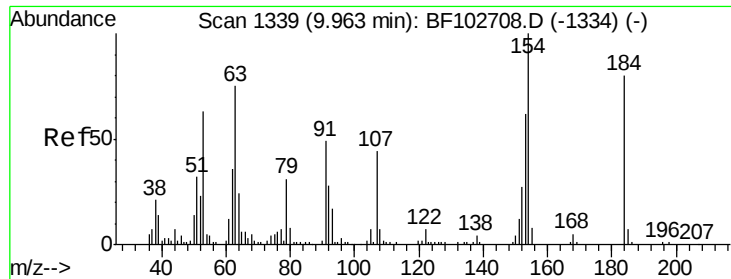


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

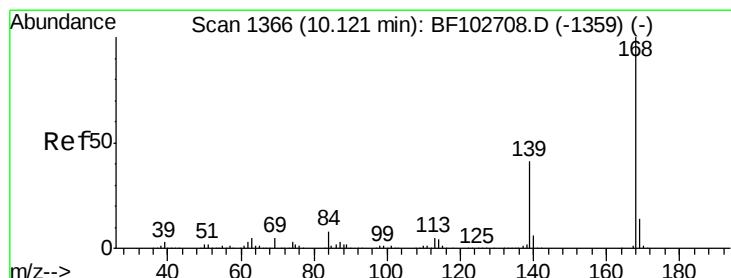
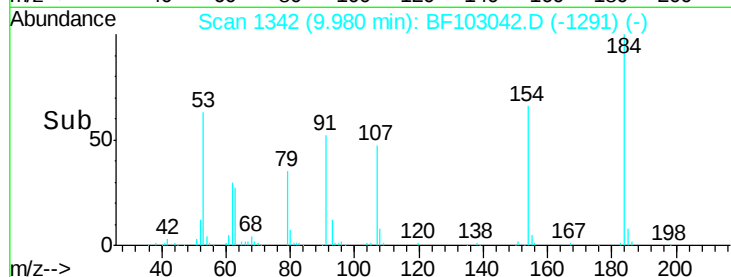
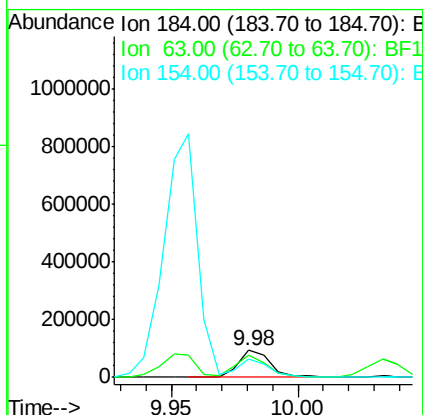
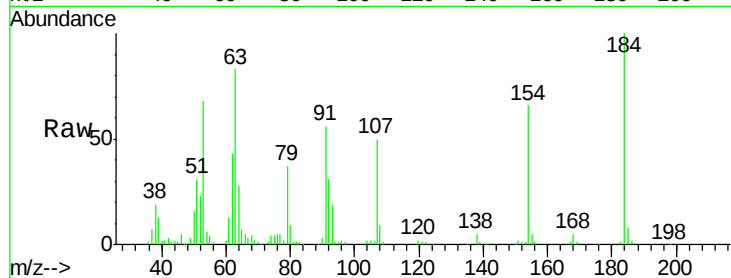




#53
2,4-Dinitrophenol
Concen: 58.900 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

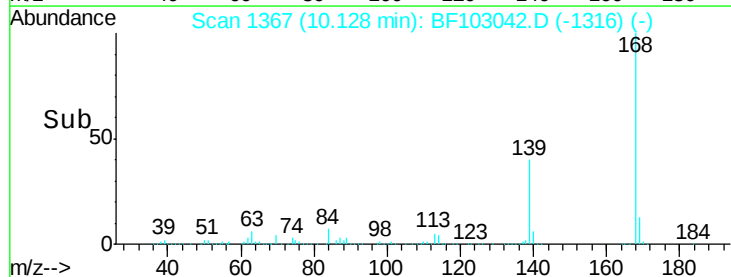
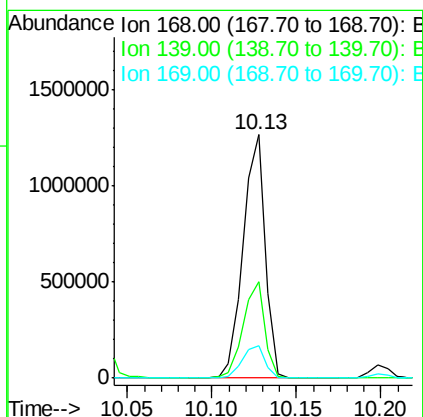
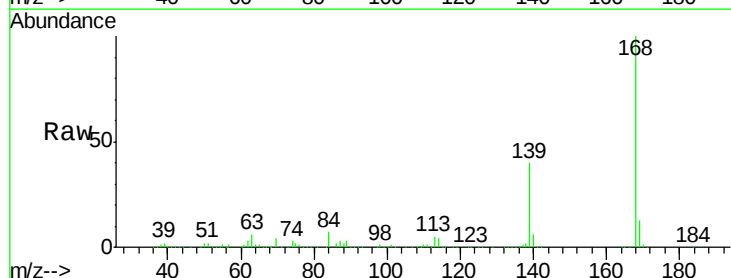
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

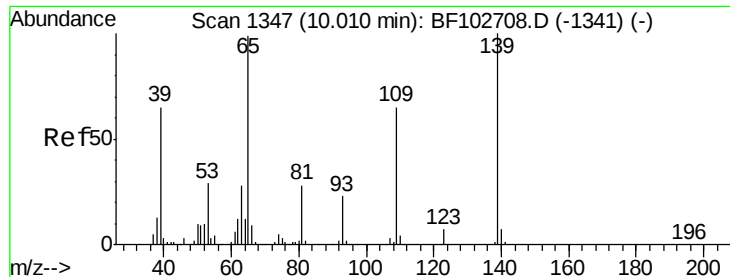
Tot Ion:184 Resp: 85134
Ion Ratio Lower Upper
184 100
63 83.4 54.2 81.2#
154 66.4 184.0 276.0#



#54
Dibenzofuran
Concen: 37.139 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion:168 Resp: 1155824
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 13.5 10.9 16.3

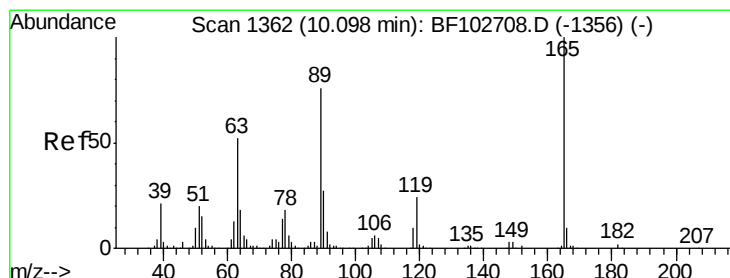
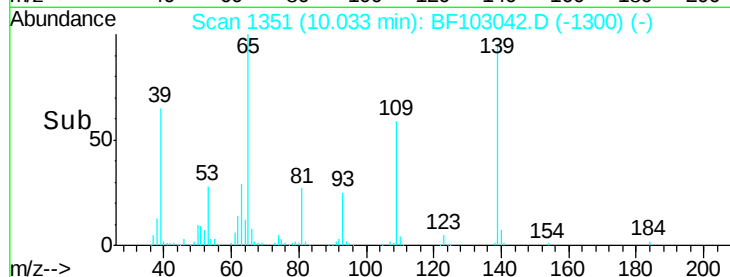
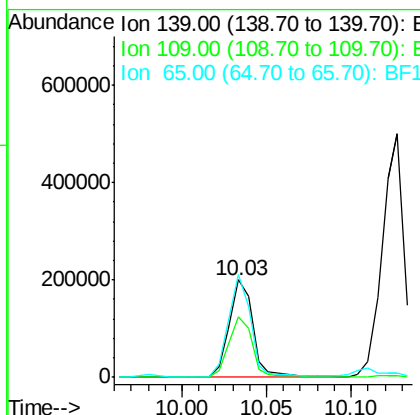
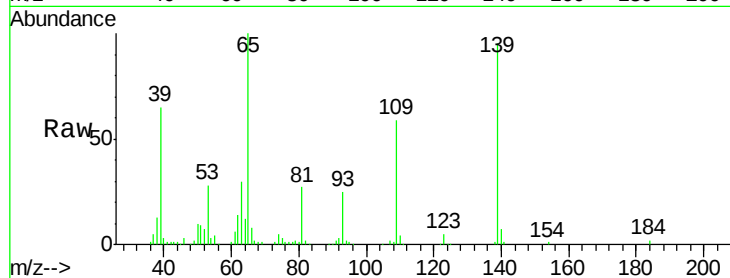




#55
4-Nitrophenol
Concen: 38.819 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

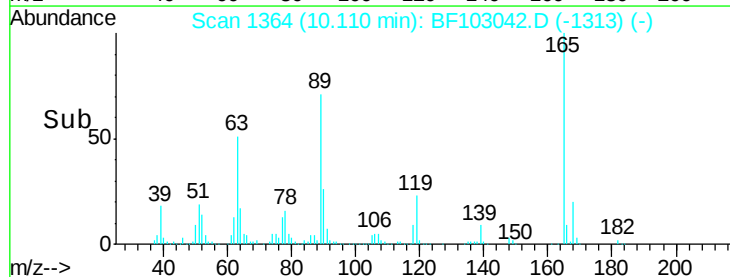
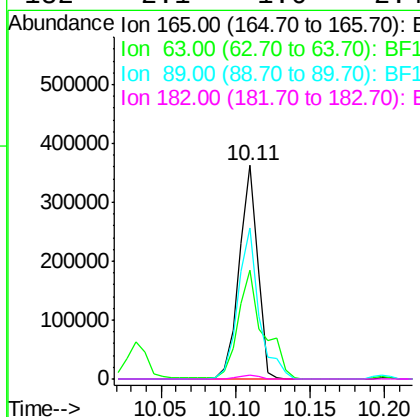
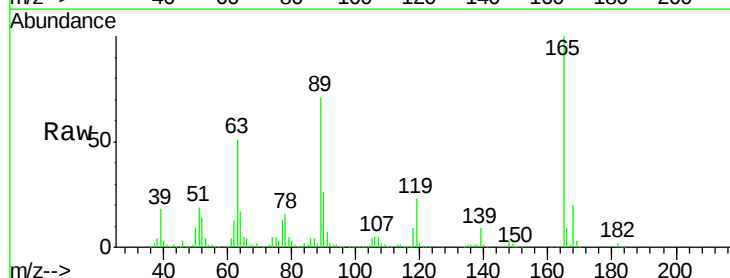
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

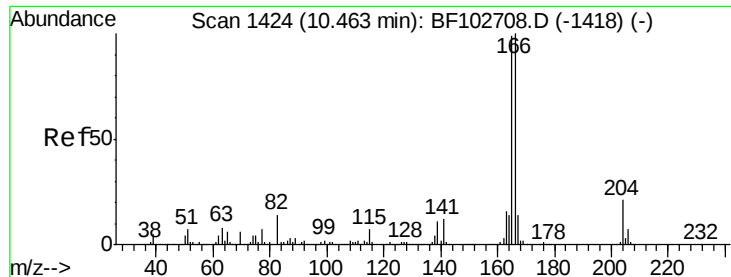
Tot Ion:139 Resp: 197052
Ion Ratio Lower Upper
139 100
109 61.9 48.4 88.4
65 105.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.163 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion:165 Resp: 313165
Ion Ratio Lower Upper
165 100
63 50.8 36.4 54.6
89 70.9 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 39.049 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

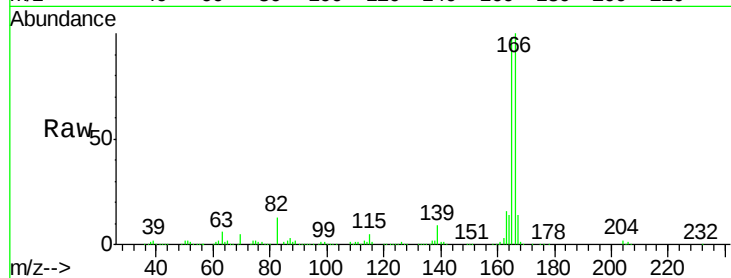
Tot Ion:166 Resp: 884217

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

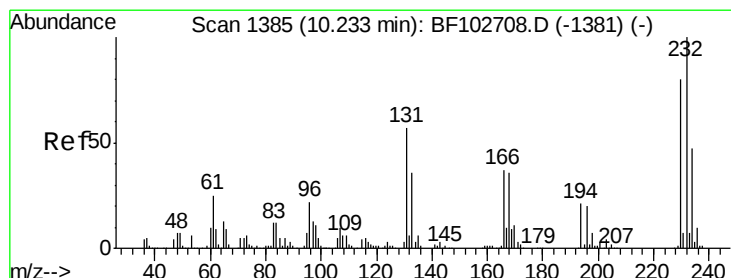
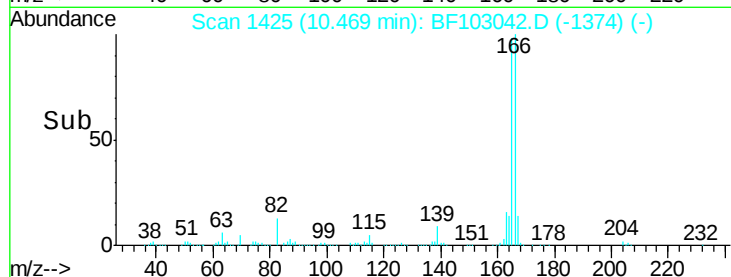
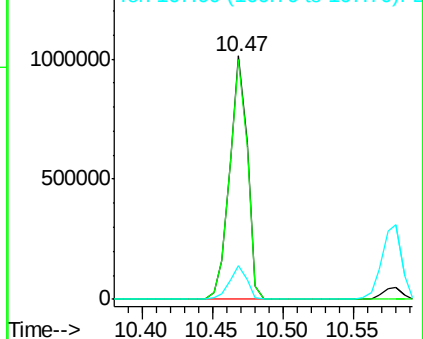
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.408 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Tgt Ion:232 Resp: 202414

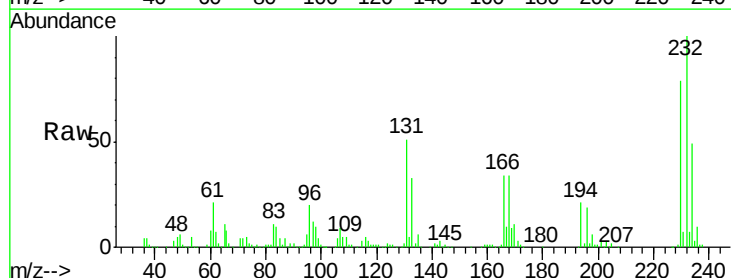
Ion Ratio Lower Upper

232 100

131 56.7 43.8 65.8

130 2.7 2.1 3.1

166 35.5 27.8 41.6

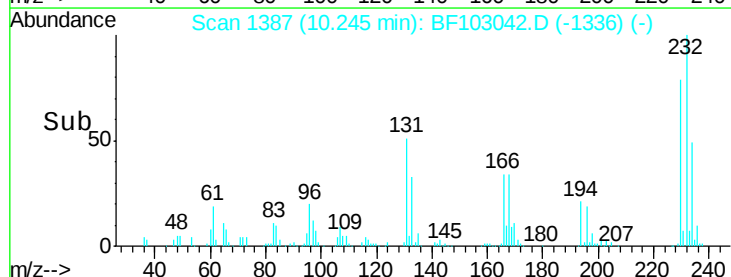
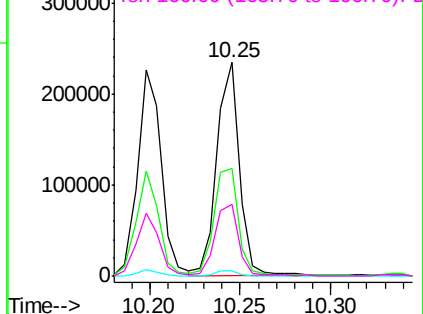


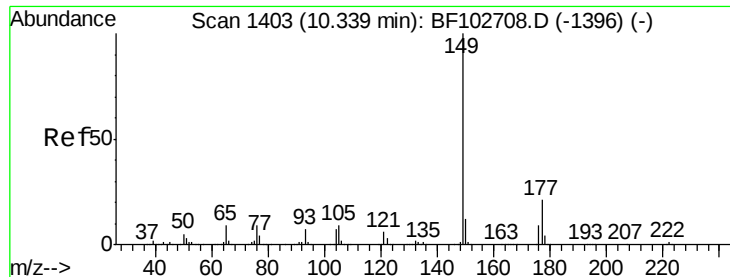
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

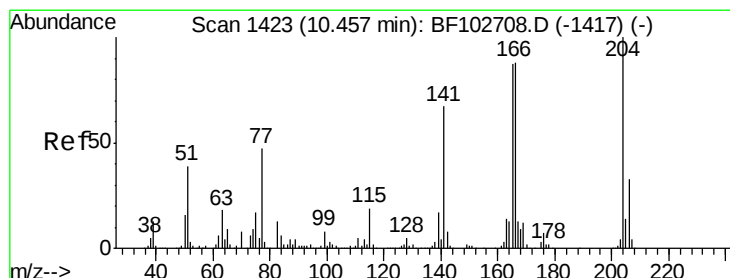
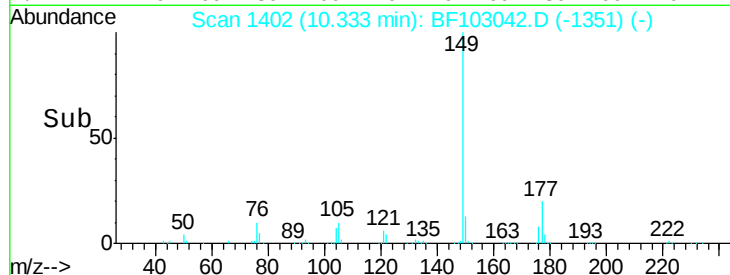
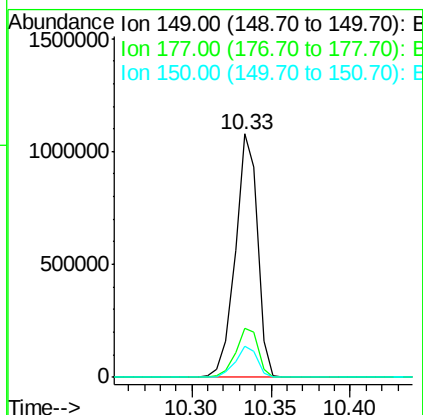
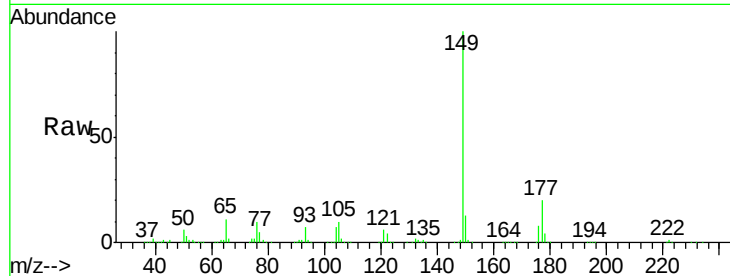




#59
Diethylphthalate
Concen: 37.661 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

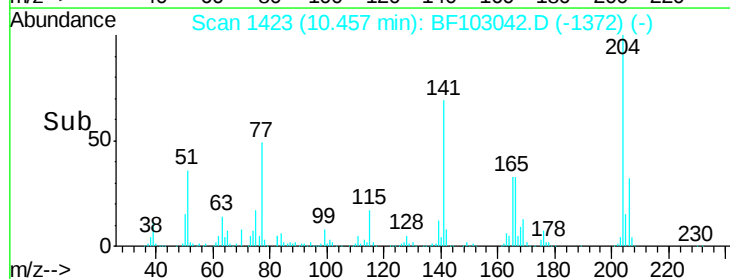
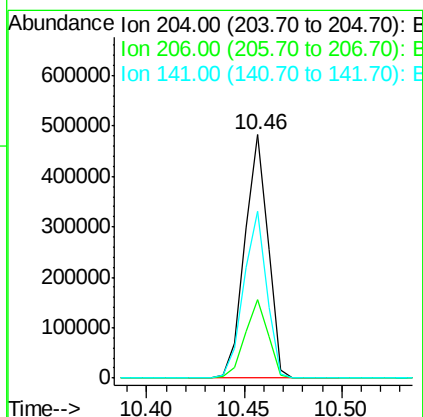
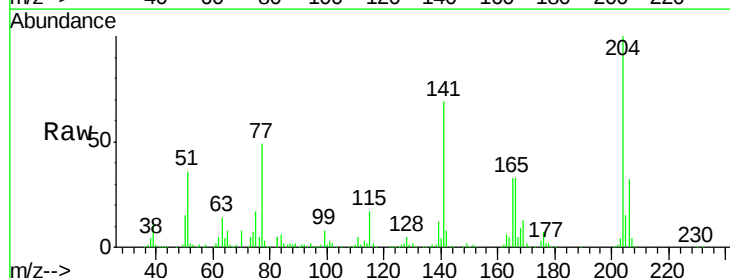
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

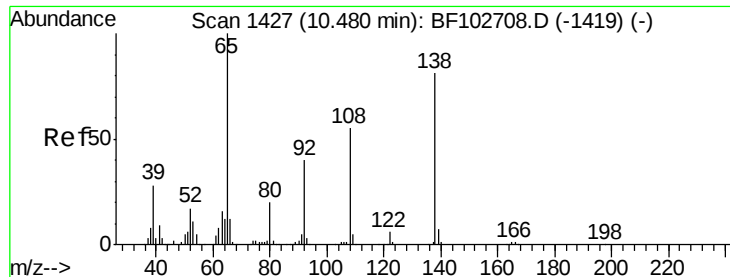
Tot Ion:149 Resp: 1039649
Ion Ratio Lower Upper
149 100
177 19.9 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.803 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion:204 Resp: 398702
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 68.5 54.6 81.8





#61

4-Nitroaniline

Concen: 48.449 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

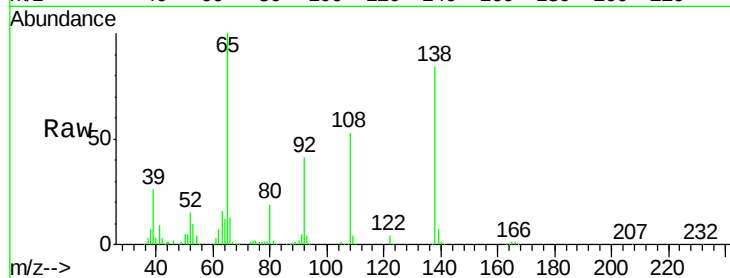
Tot Ion:138 Resp: 301814

Ion Ratio Lower Upper

138 100

92 48.3 30.2 70.2

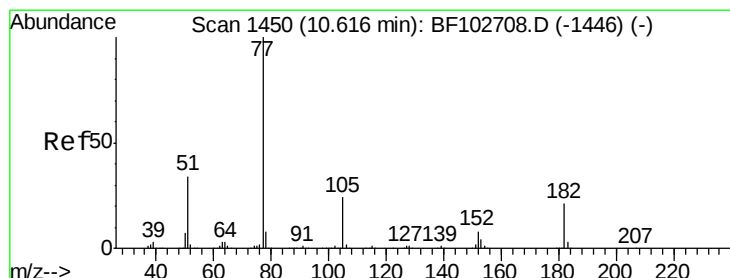
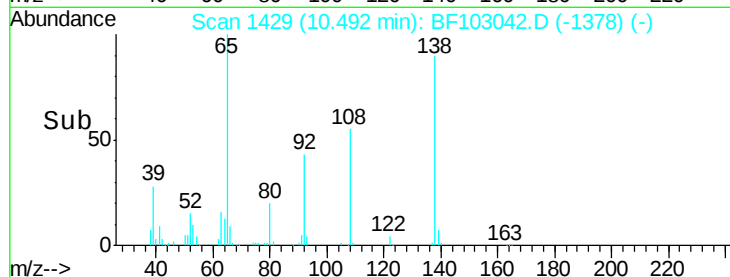
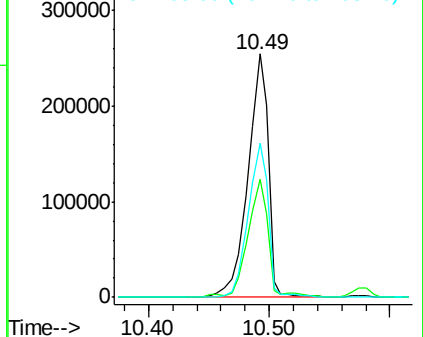
108 63.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.265 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Tgt Ion: 77 Resp: 1027683

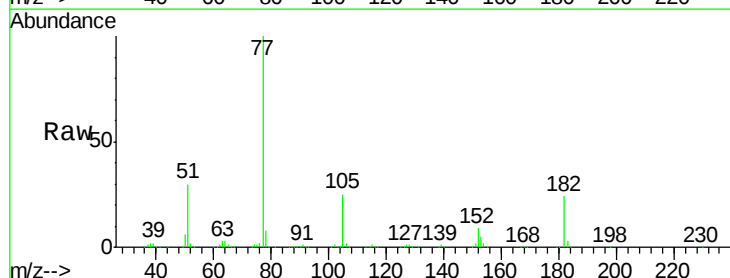
Ion Ratio Lower Upper

77 100

182 24.1 1.7 41.7

105 25.0 3.0 43.0

51 30.4 9.9 49.9

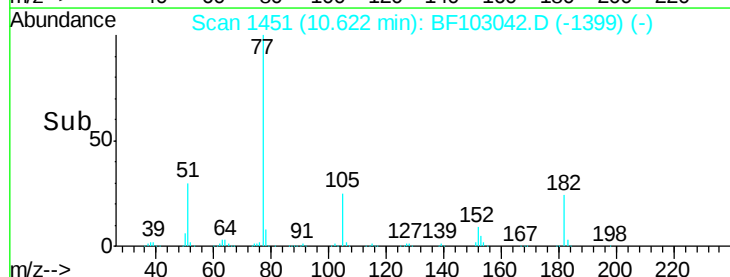
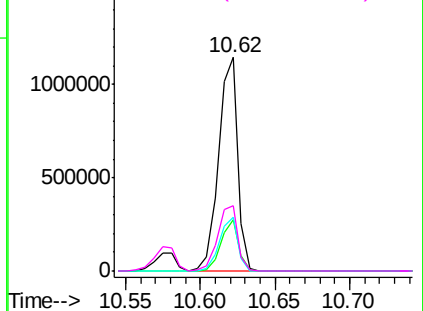


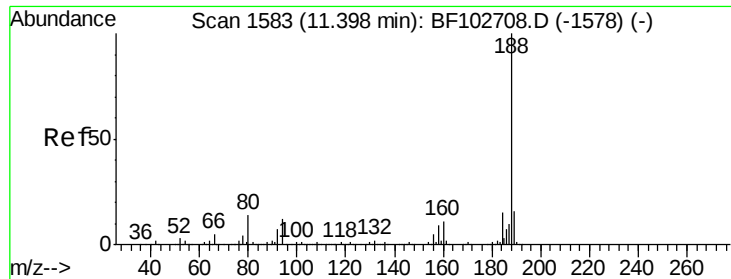
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

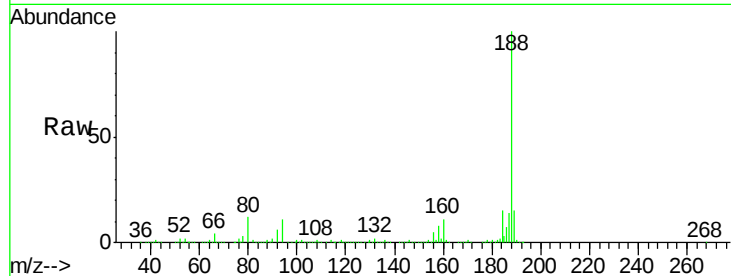
Tot Ion:188 Resp: 625837

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

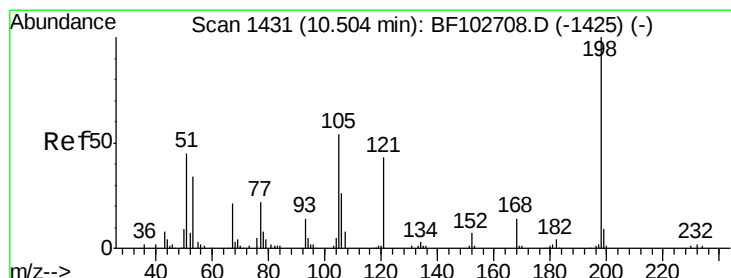
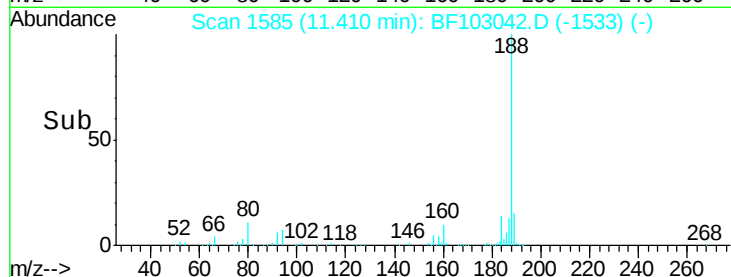
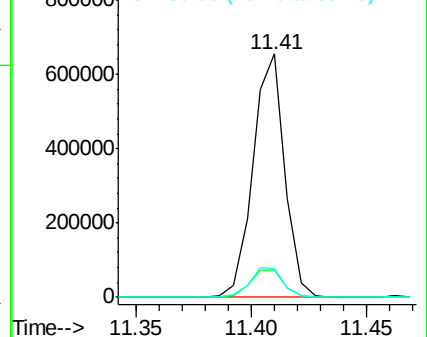
80 11.7 9.2 13.8



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: 56.020 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

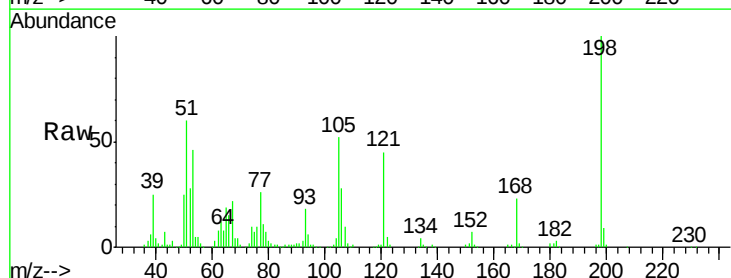
Tgt Ion:198 Resp: 154233

Ion Ratio Lower Upper

198 100

51 60.4 37.7 77.7

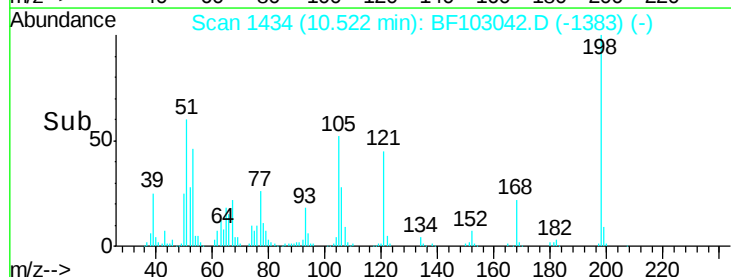
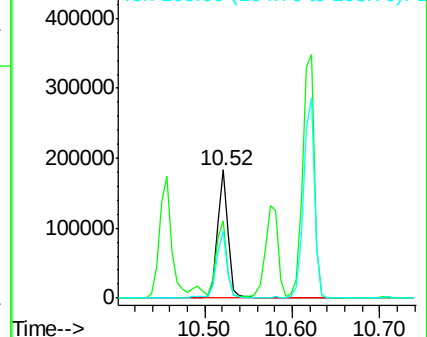
105 52.4 36.3 76.3

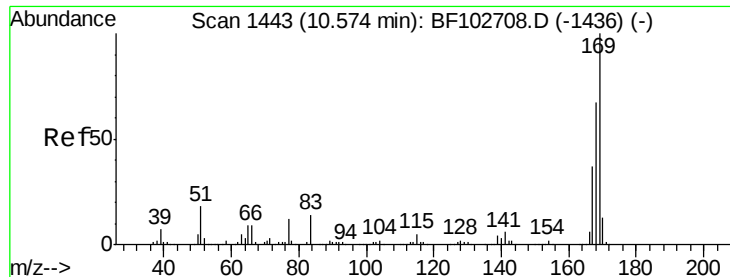


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

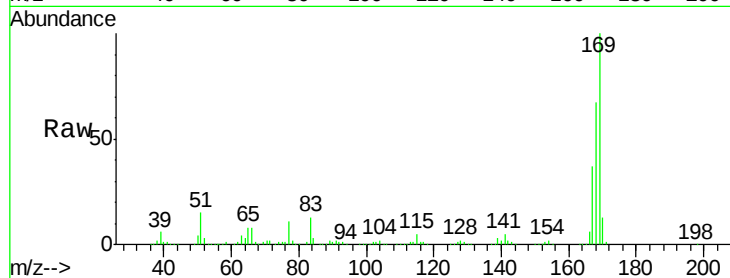




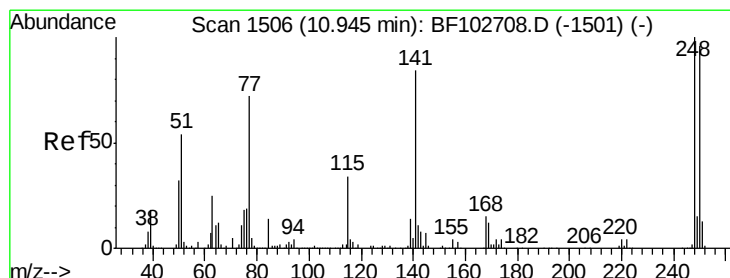
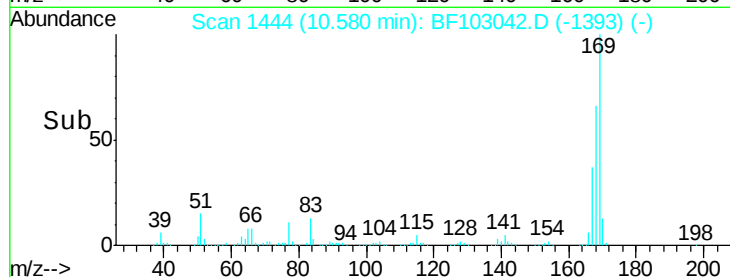
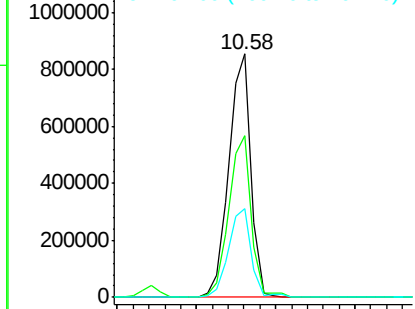
#65
 n-Nitrosodiphenylamine
 Concen: 37.126 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 819567
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.4 81.6
 167 36.5 29.8 44.6

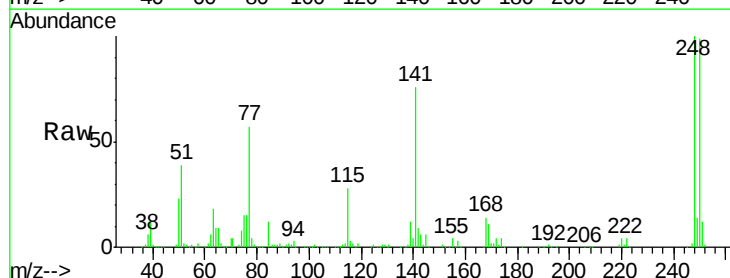


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

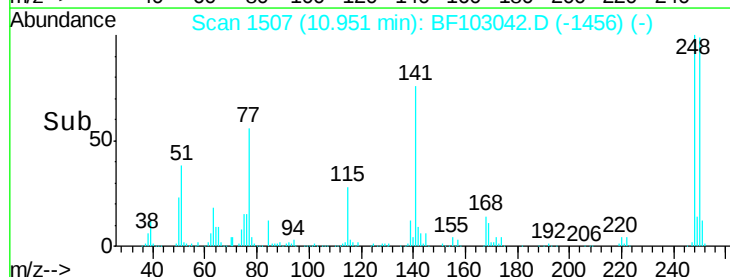
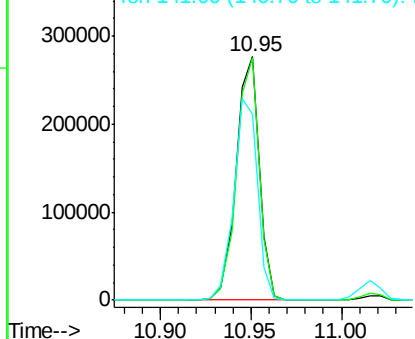


#66
 4-Bromophenyl-phenylether
 Concen: 37.111 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Tgt Ion:248 Resp: 245682
 Ion Ratio Lower Upper
 248 100
 250 99.3 76.9 115.3
 141 76.1 74.4 111.6



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

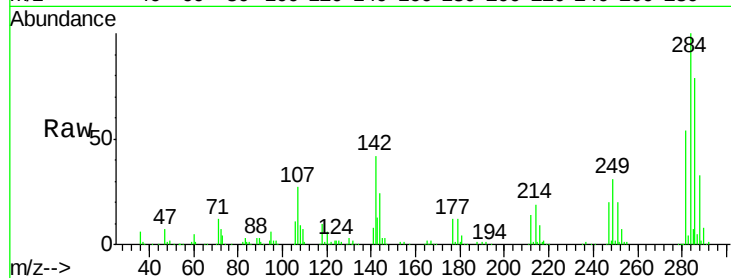




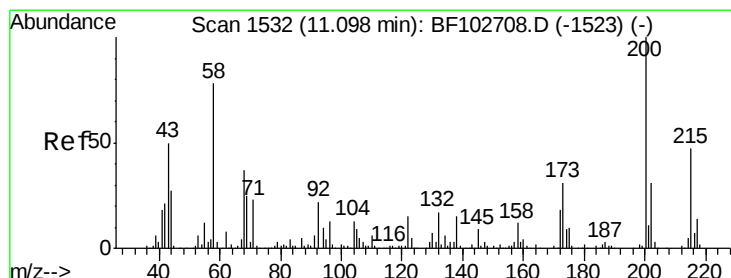
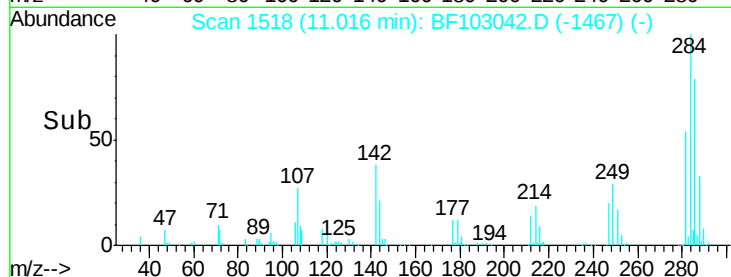
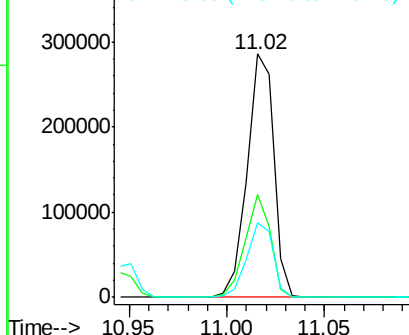
#67
Hexachlorobenzene
Concen: 37.095 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 270918
Ion Ratio Lower Upper
284 100
142 42.1 34.6 52.0
249 30.7 24.8 37.2

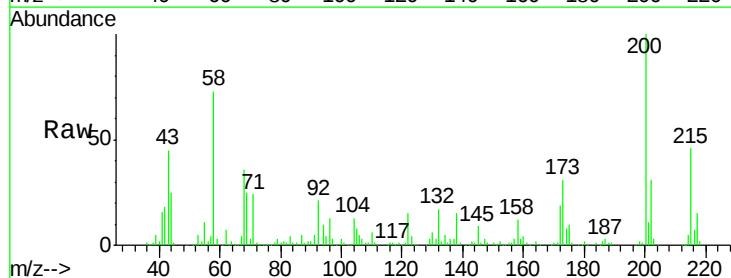


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

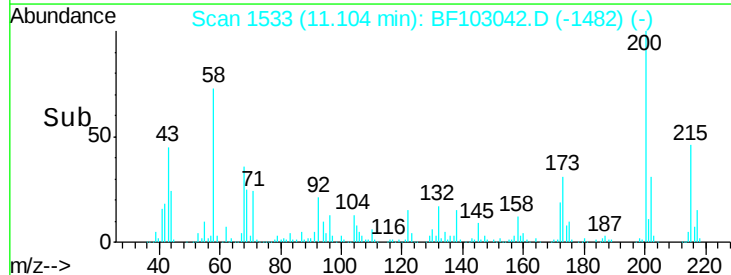
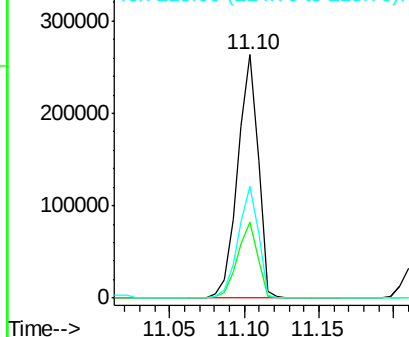


#68
Atrazine
Concen: 39.031 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion:200 Resp: 254188
Ion Ratio Lower Upper
200 100
173 30.9 8.6 48.6
215 45.9 25.1 65.1



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

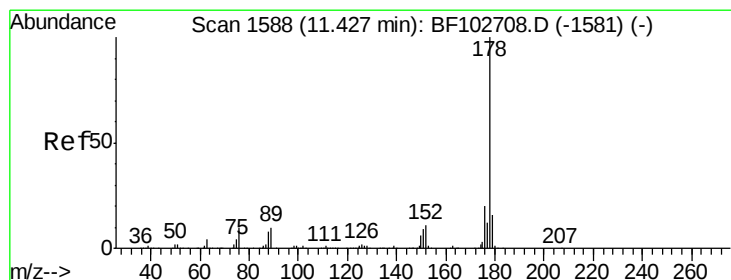
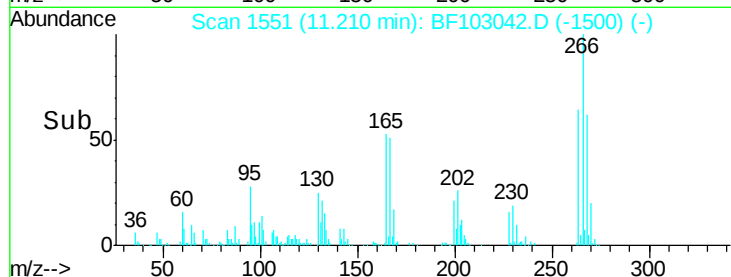
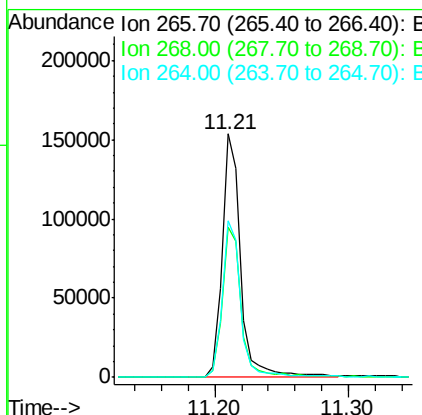
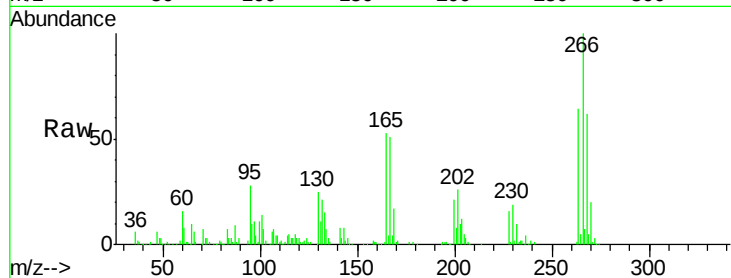




#69
 Pentachlorophenol
 Concen: 35.057 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

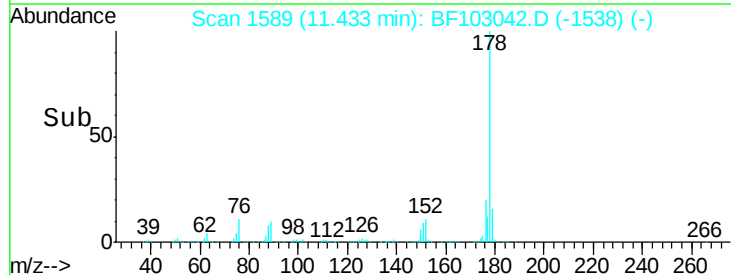
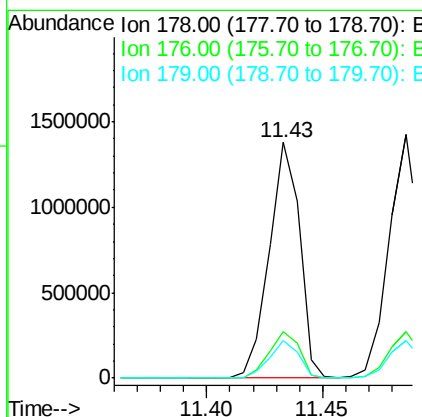
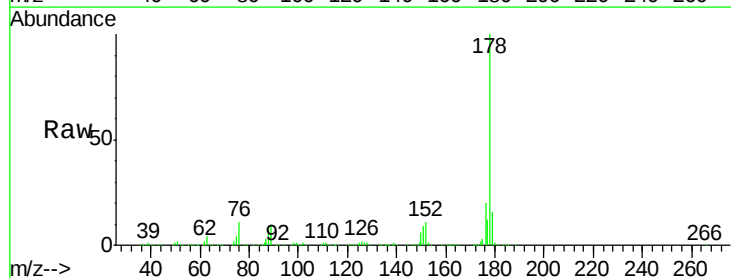
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

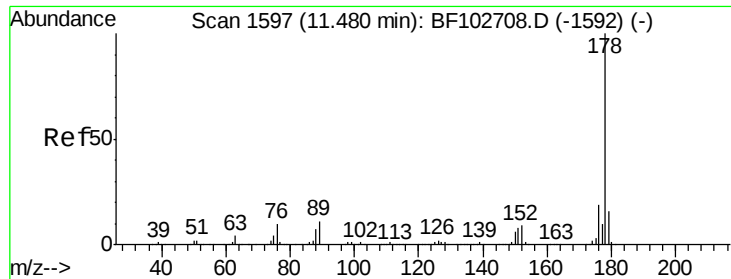
Tot Ion:266 Resp: 150297
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.1 76.7
 264 64.2 49.5 74.3



#70
 Phenanthrene
 Concen: 36.196 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Tgt Ion:178 Resp: 1261601
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.7 13.0 19.6

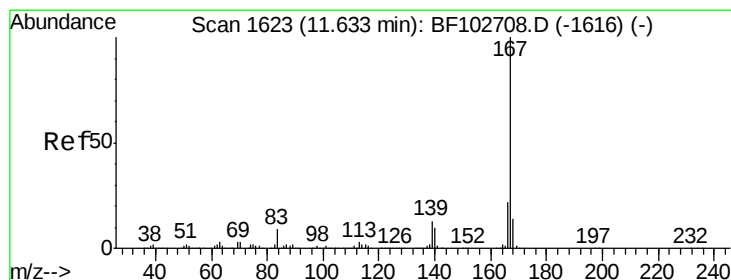
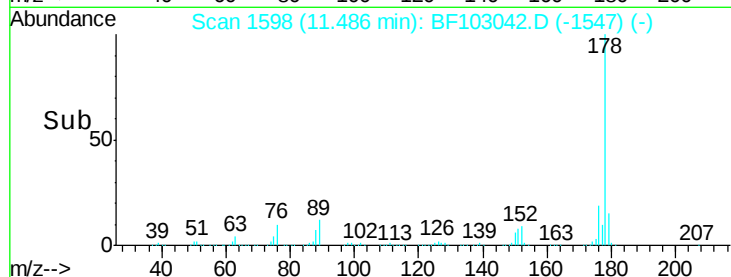
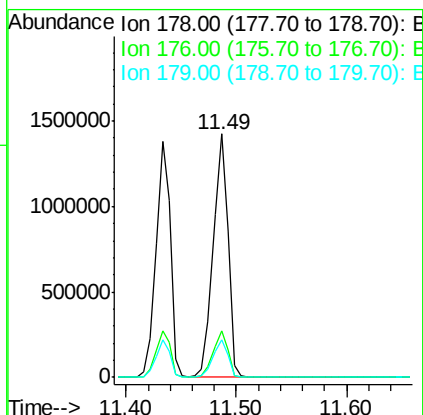
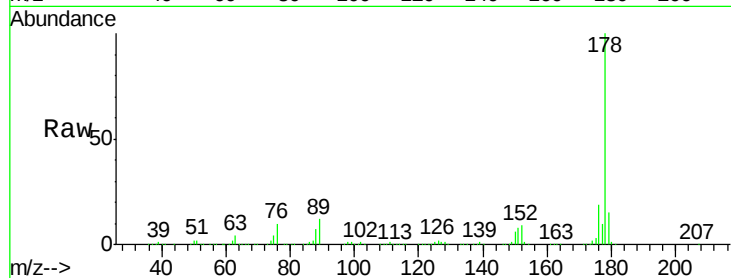




#71
 Anthracene
 Concen: 37.002 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

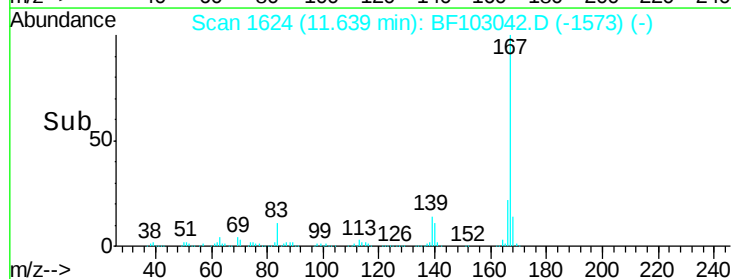
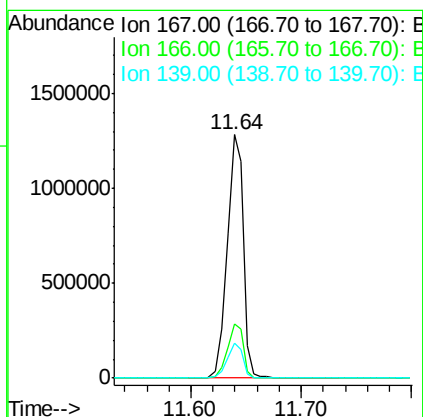
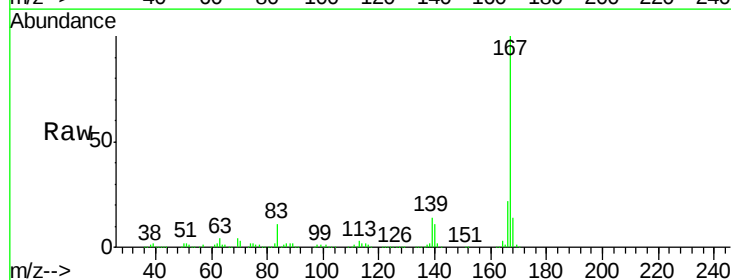
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

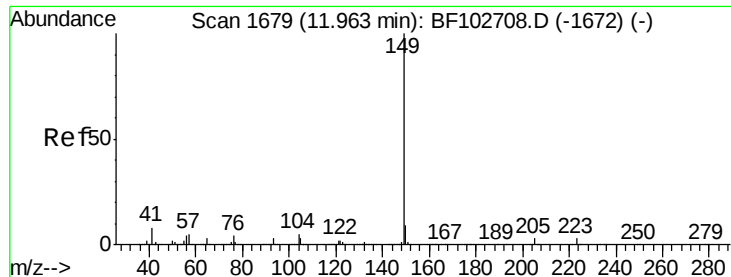
Tot Ion:178 Resp: 1311766
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 37.766 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Tgt Ion:167 Resp: 1311638
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.685 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.01 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

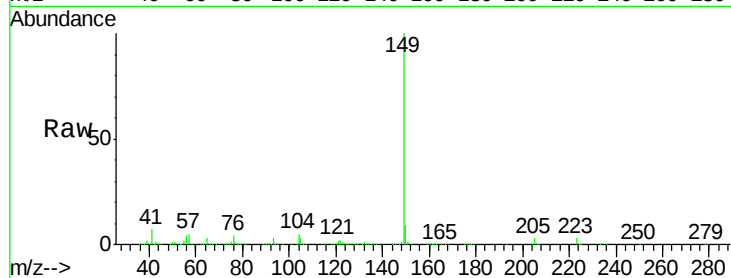
Tot Ion:149 Resp: 1632084

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

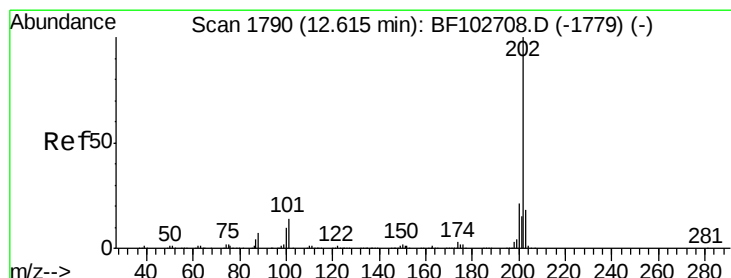
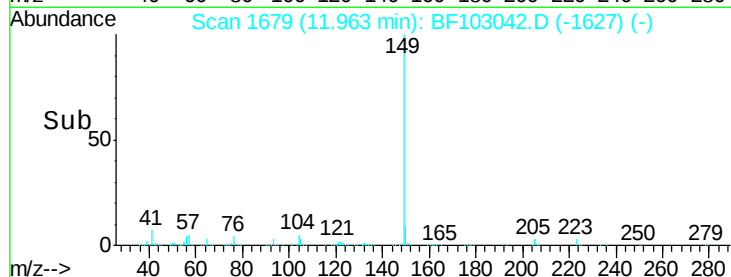
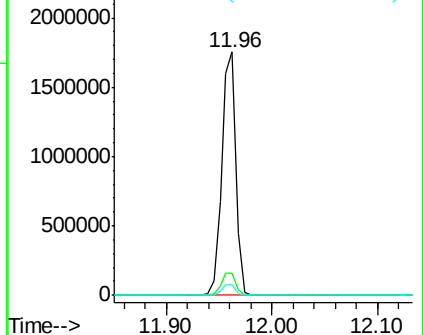
104 4.6 3.8 5.8



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: 36.628 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

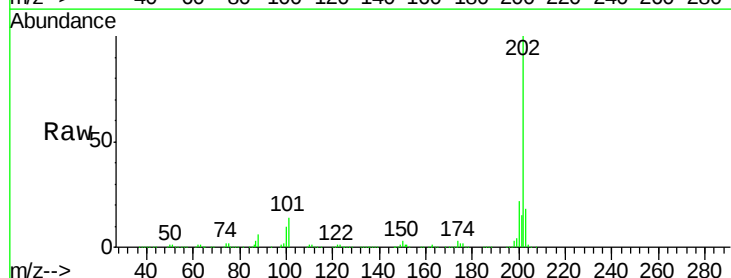
Tgt Ion:202 Resp: 1284495

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

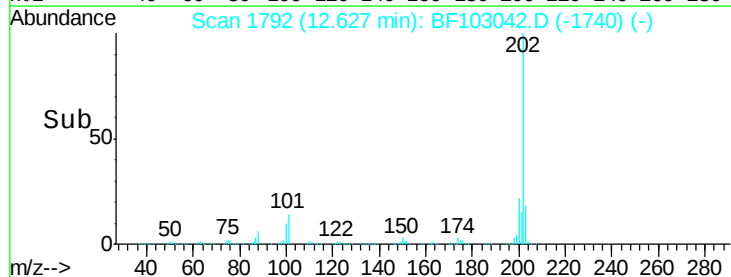
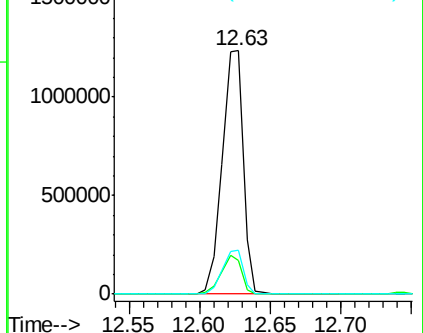
203 17.8 0.0 38.1

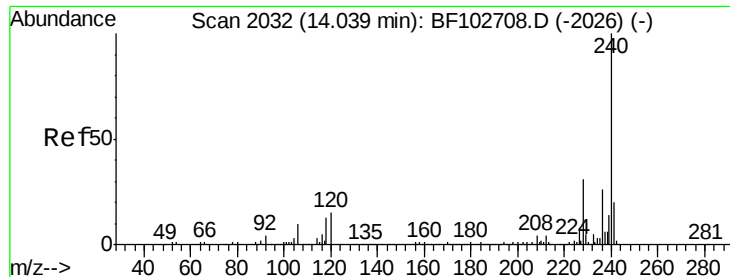


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

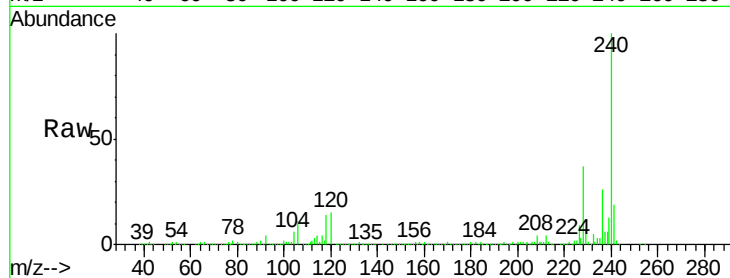
Tot Ion:240 Resp: 471645

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

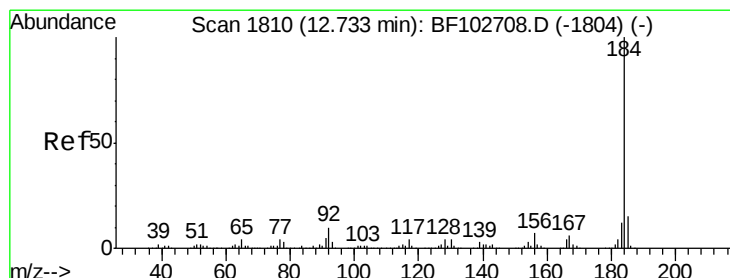
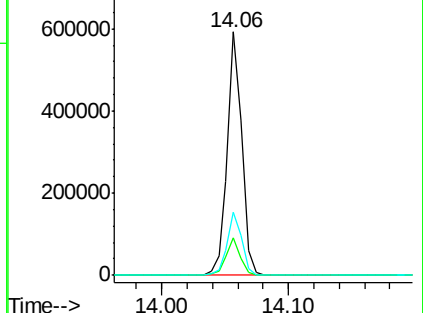
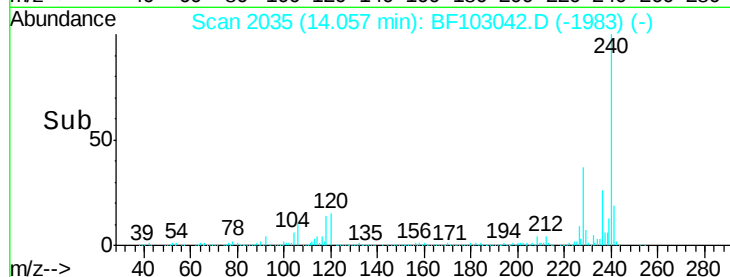
236 26.1 20.7 31.1



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: 42.373 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

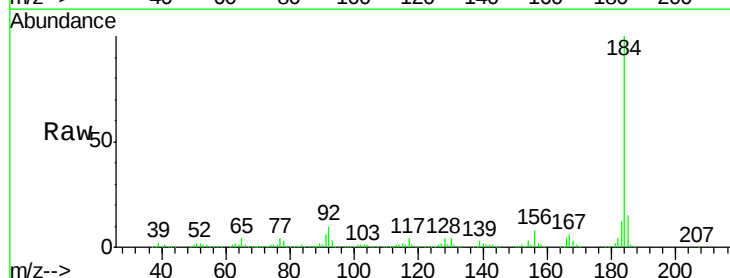
Tgt Ion:184 Resp: 918509

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

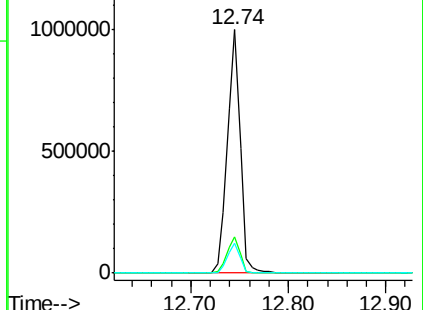
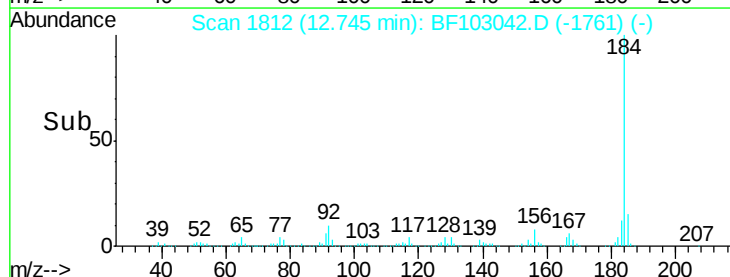
183 12.3 9.3 13.9



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: 36.168 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

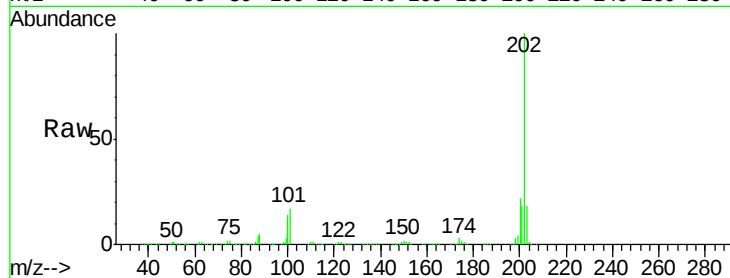
Tot Ion:202 Resp: 1337639

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

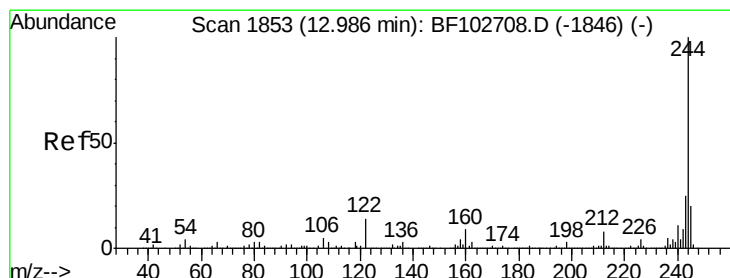
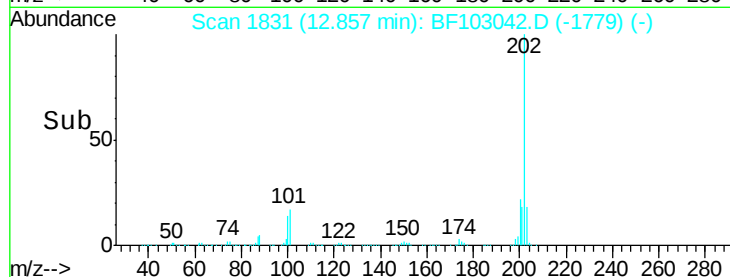
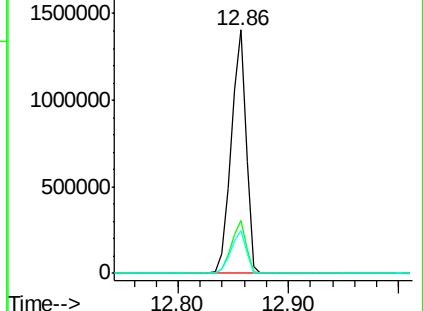
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.051 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

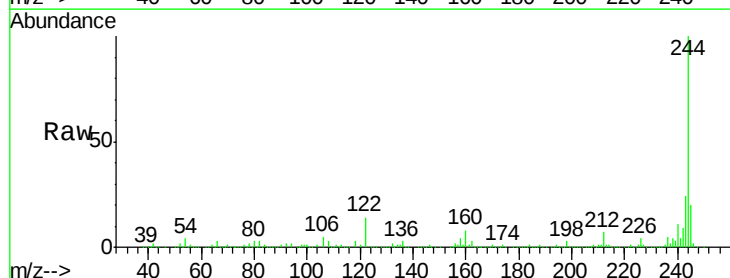
Tgt Ion:244 Resp: 1375454

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

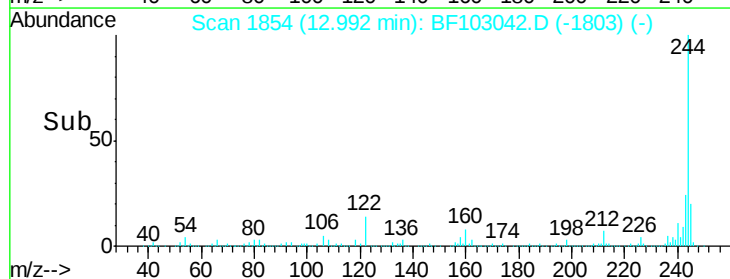
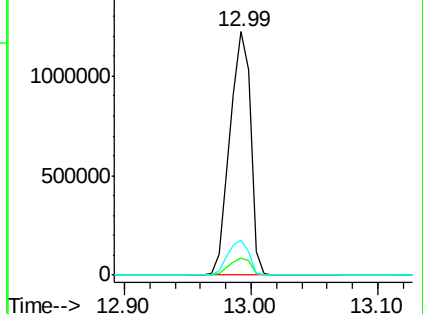
122 14.3 11.0 16.4

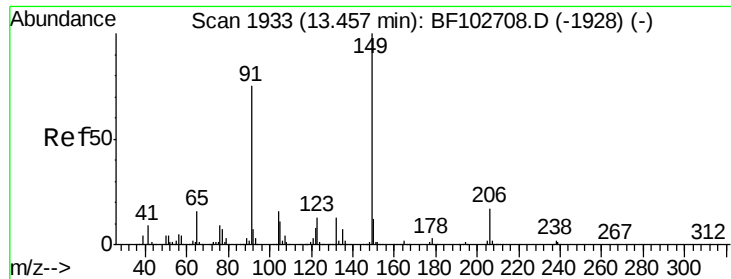


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

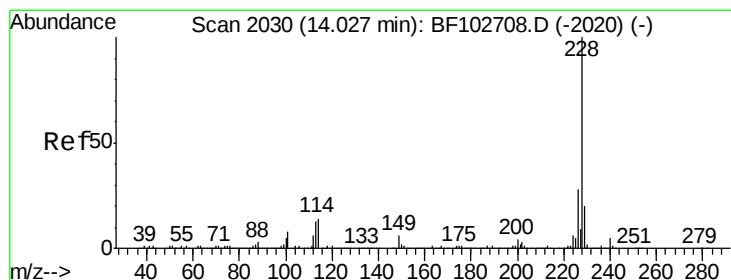
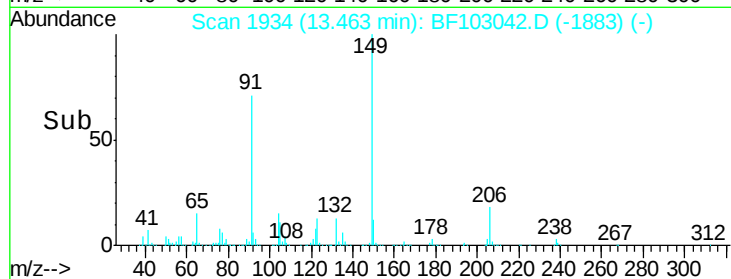
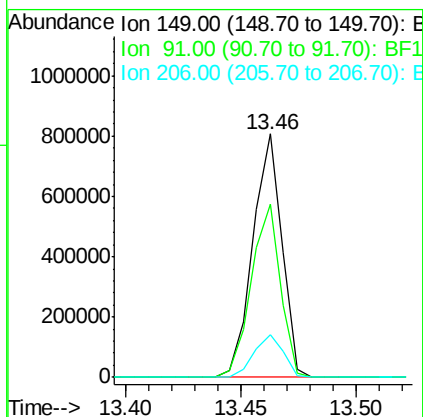
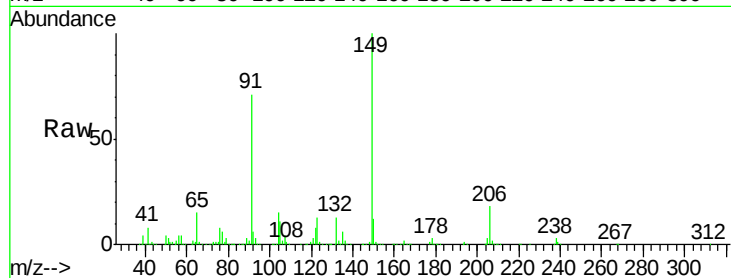




#79
Butylbenzylphthalate
Concen: 40.390 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

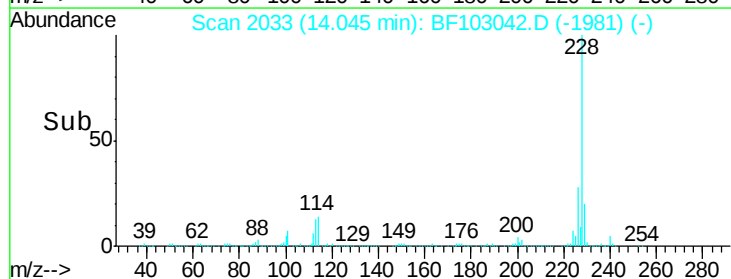
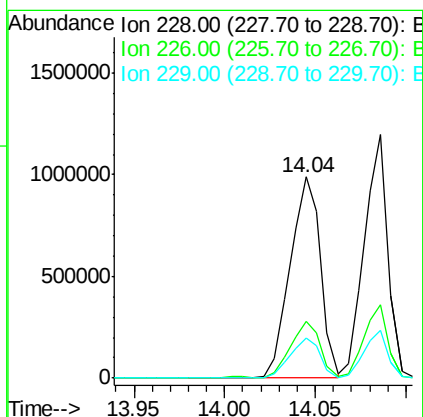
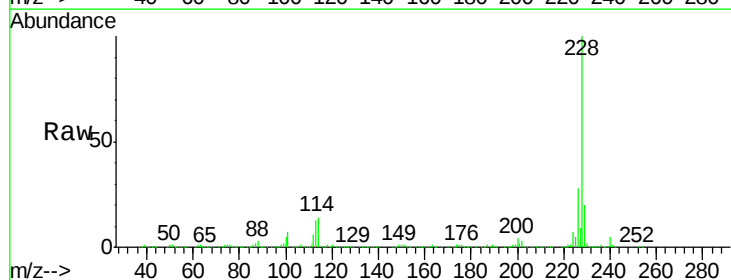
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 711597
Ion Ratio Lower Upper
149 100
91 71.3 56.8 85.2
206 17.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.122 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion:228 Resp: 1160444
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 19.7 15.8 23.6

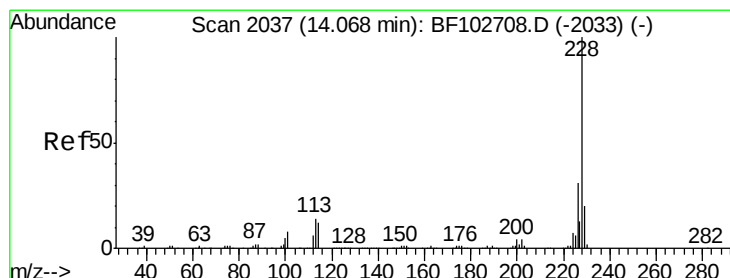
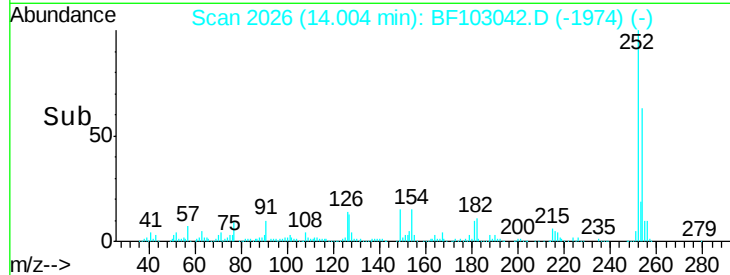
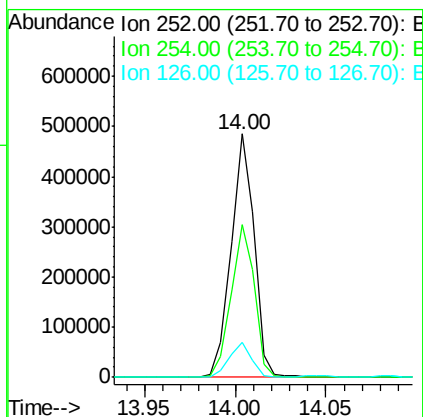
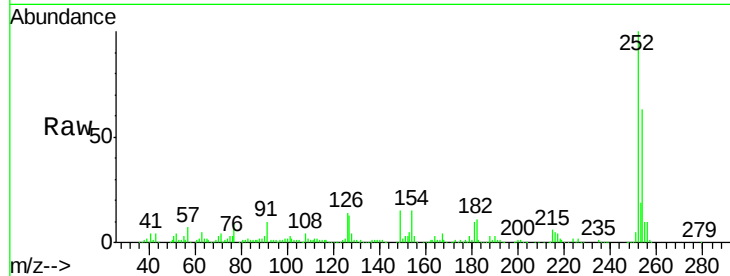




#81
 3,3'-Dichlorobenzidine
 Concen: 39.257 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

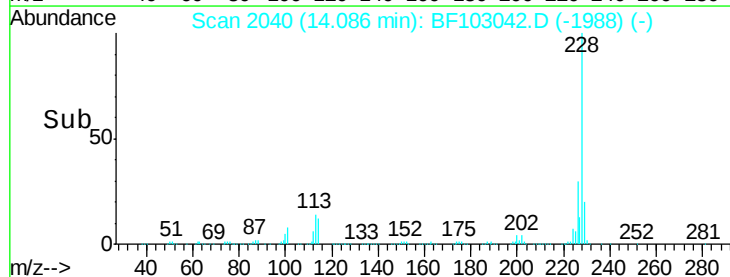
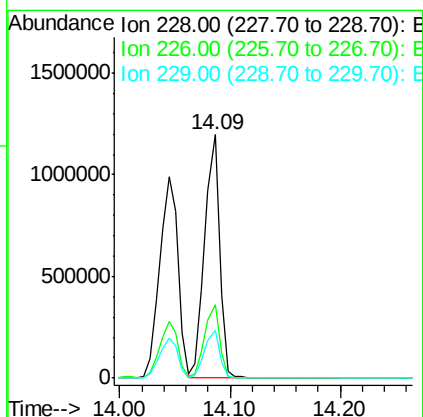
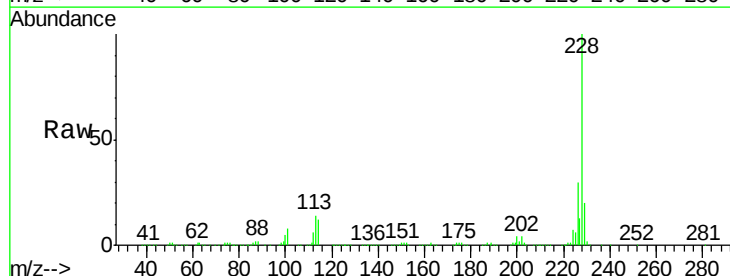
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

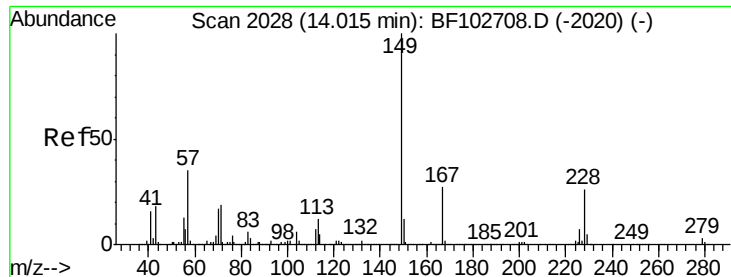
Tot Ion:252 Resp: 431748
 Ion Ratio Lower Upper
 252 100
 254 62.7 50.4 75.6
 126 14.2 11.3 16.9



#82
 Chrysene
 Concen: 36.449 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Tgt Ion:228 Resp: 1089859
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.335 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

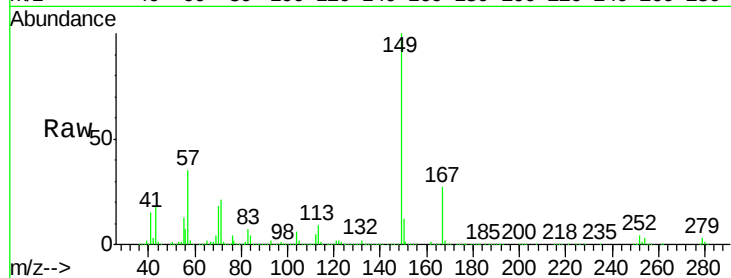
Tot Ion:149 Resp: 959148

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

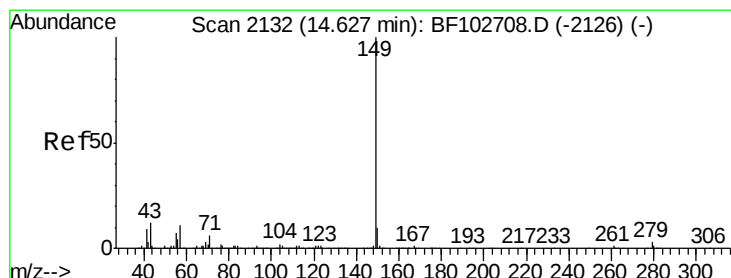
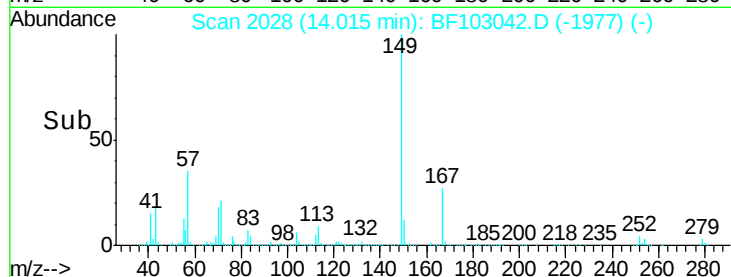
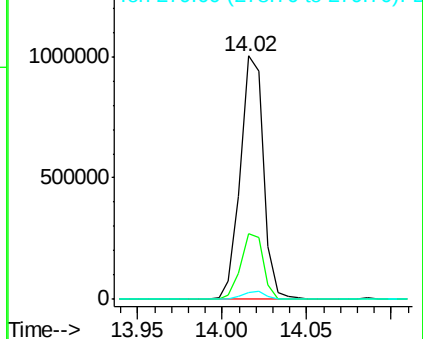
279 2.9 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.938 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

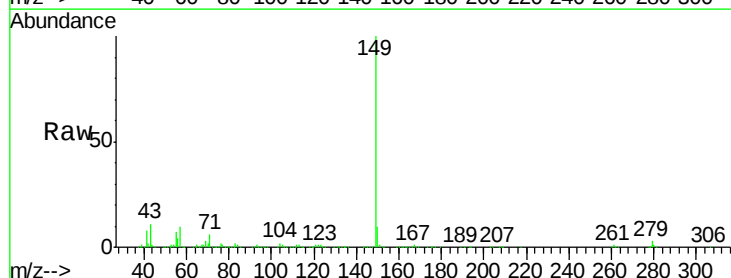
Tgt Ion:149 Resp: 1528726

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

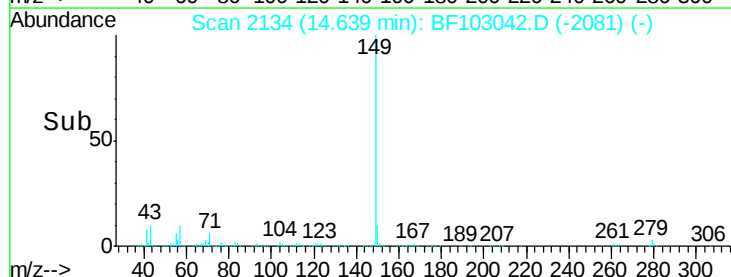
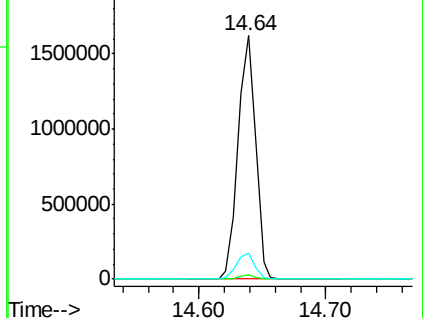
43 11.0 8.4 12.6

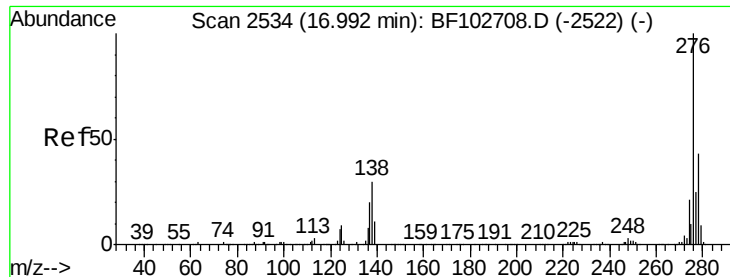


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

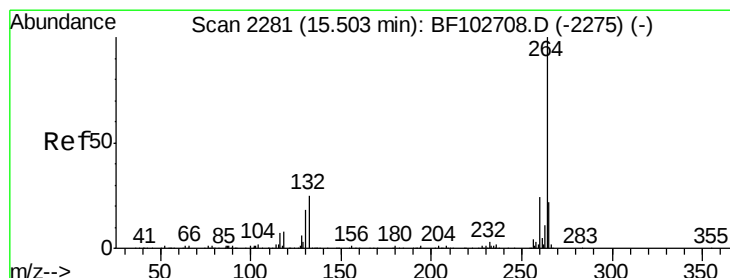
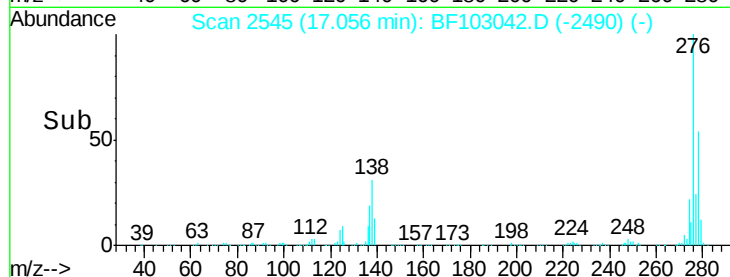
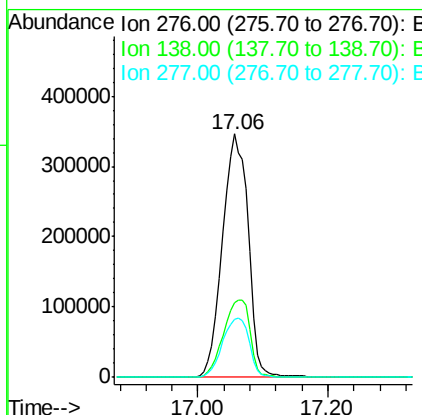
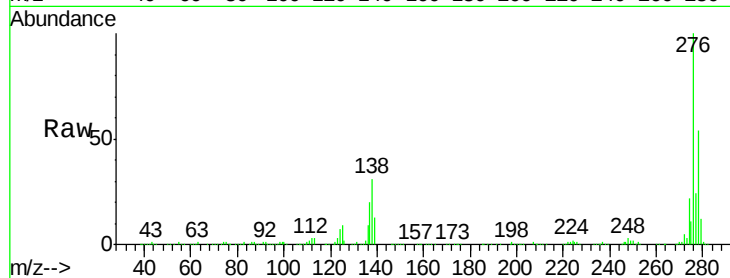




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.354 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.02 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

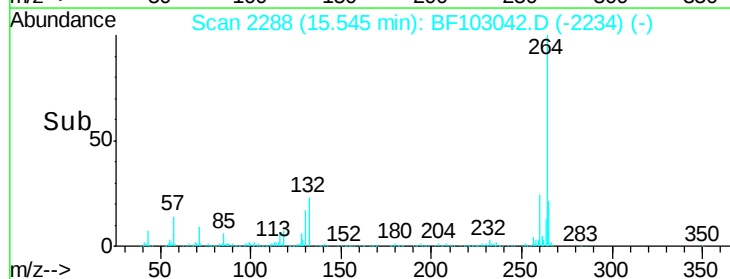
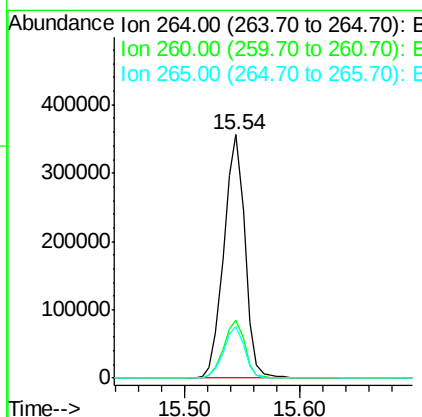
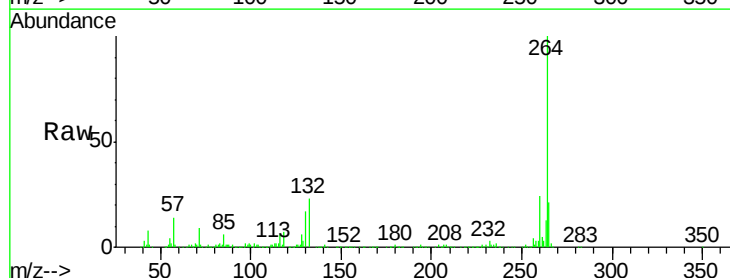
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 951157
 Ion Ratio Lower Upper
 276 100
 138 32.8 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.02 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Tgt Ion:264 Resp: 450858
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.4 17.5 26.3

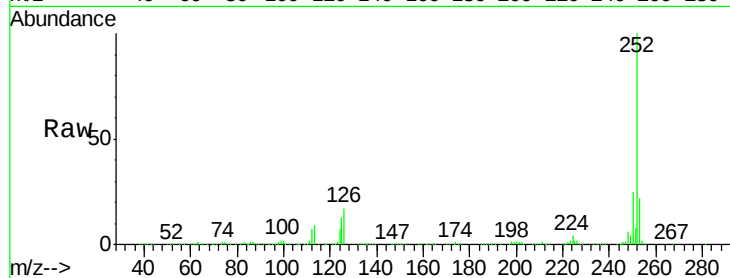




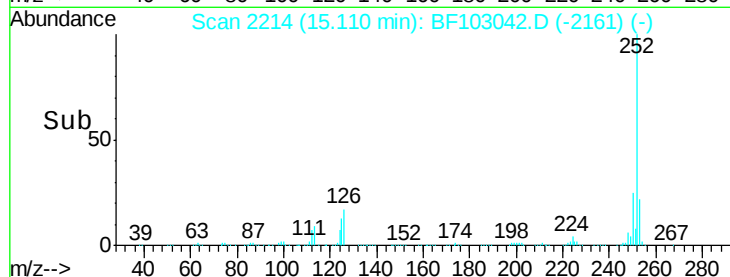
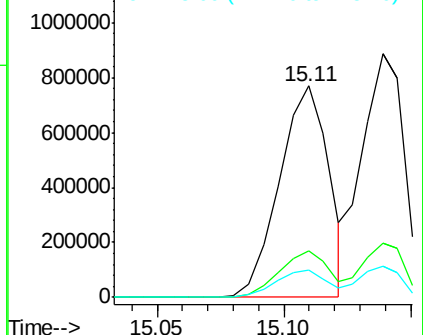
#87
Benzo(b)fluoranthene
Concen: 35.678 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1042907
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.2 9.0 13.6

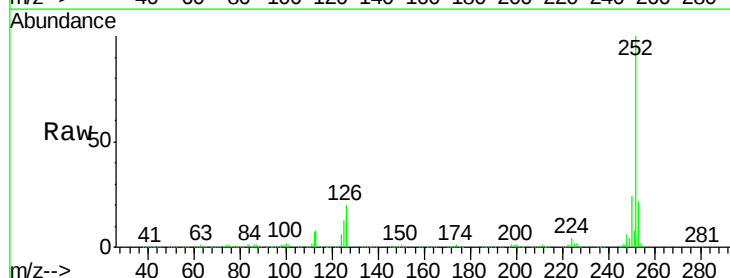
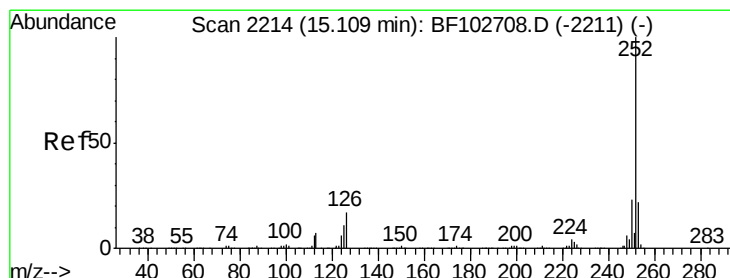


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

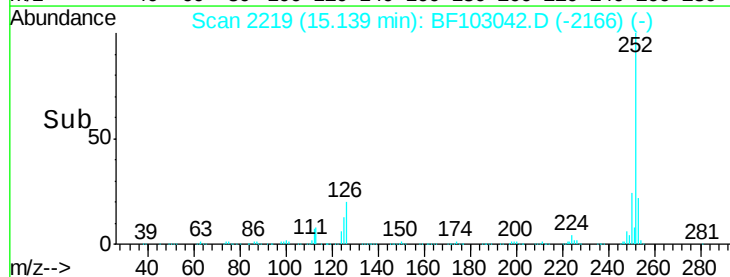
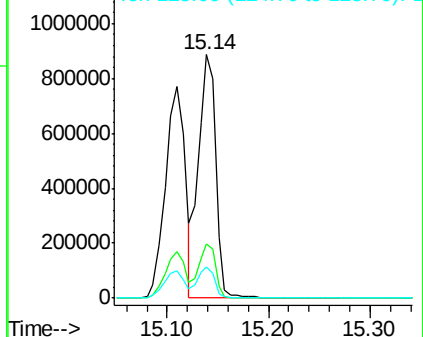


#88
Benzo(k)fluoranthene
Concen: 37.442 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103042.D
Acq: 16 Feb 2018 10:40

Tgt Ion:252 Resp: 1045758
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.1 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 37.098 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

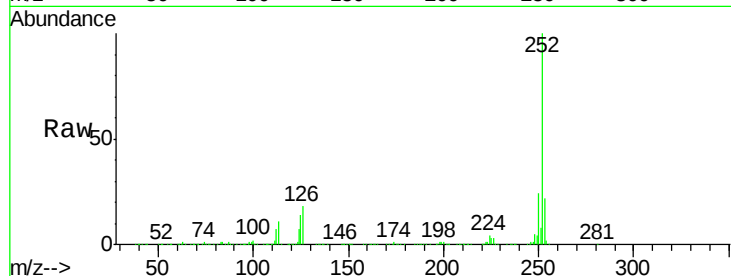
Tot Ion:252 Resp: 976084

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

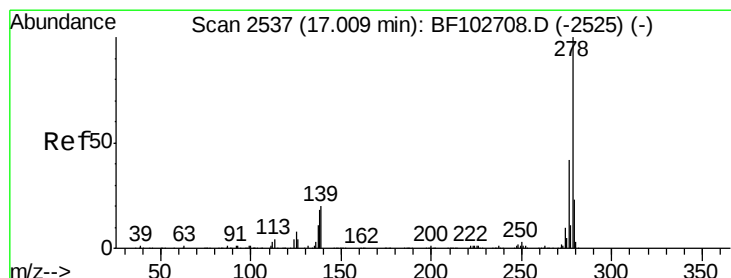
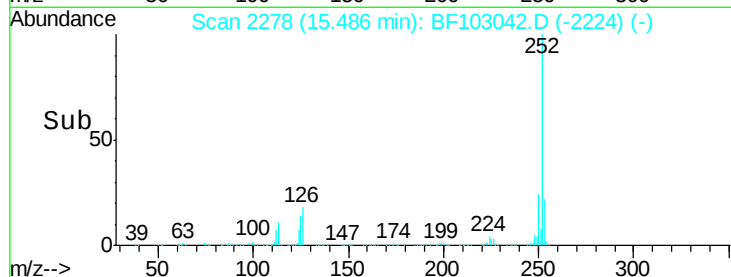
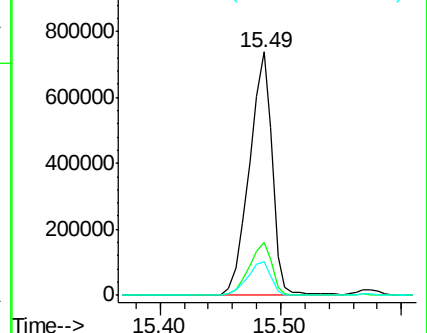
125 14.0 9.8 14.6



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: 37.081 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.02 min

Lab File: BF103042.D

Acq: 16 Feb 2018 10:40

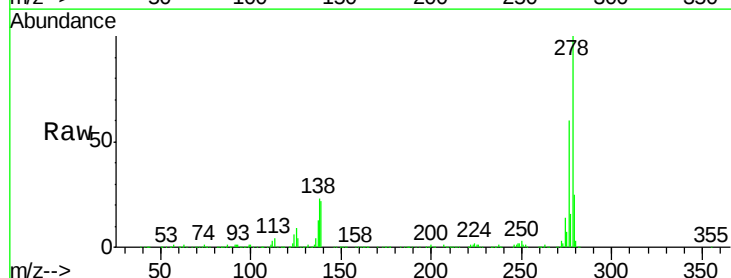
Tgt Ion:278 Resp: 791908

Ion Ratio Lower Upper

278 100

139 22.1 15.9 23.9

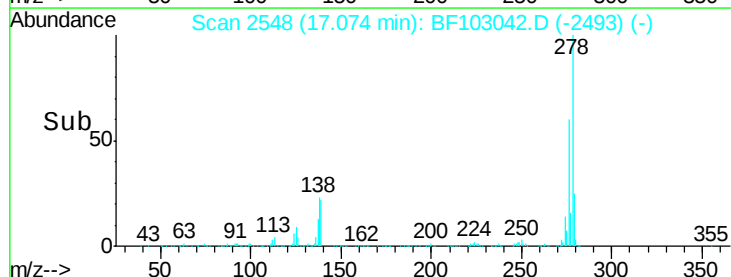
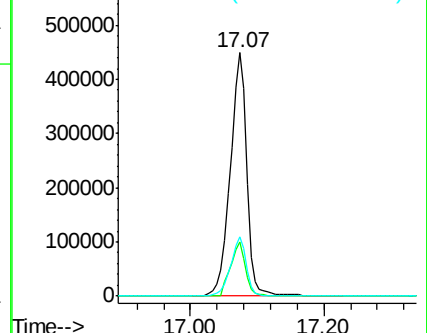
279 24.5 19.0 28.4

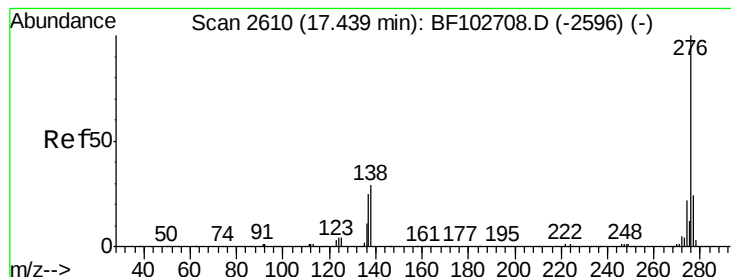


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

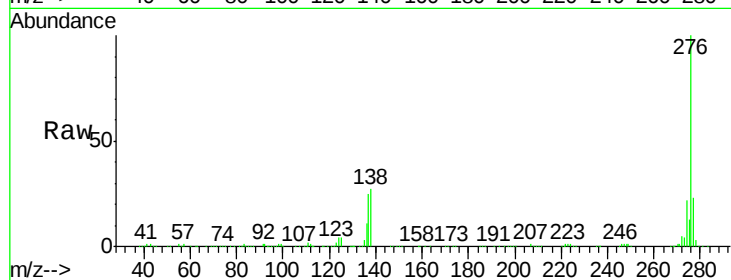




#91
 Benzo(a,h,i)perylene
 Concen: 37.642 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. 0.03 min
 Lab File: BF103042.D
 Acq: 16 Feb 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	27.5	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

