

Data Path : Z:\HPCHEM1\BNA F\Data\BF022218\
 Data File : BF103158.D
 Acq On : 22 Feb 2018 13:20
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Feb 22 14:10:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 13:59:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.869	152	159626	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	665255	20.00	ng	0.00
38) Acenaphthene-d10	9.916	164	302355	20.00	ng	0.00
63) Phenanthrene-d10	11.404	188	516856	20.00	ng	0.00
75) Chrysene-d12	14.057	240	363738	20.00	ng	0.00
86) Perylene-d12	15.545	264	336922	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.493	112	1012846	96.36	ng	0.00
7) Phenol-d6	6.510	99	1211105	95.70	ng	0.00
23) Nitrobenzene-d5	7.445	82	1115052	116.27	ng	0.00
41) 2,4,6-Tribromophenol	10.710	330	243776	100.17	ng	0.00
44) 2-Fluorobiphenyl	9.233	172	1648461	90.47	ng	0.00
78) Terphenyl-d14	12.986	244	1389889	90.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.634	88	283889	54.68	ng	91
3) Pyridine	3.416	79	806460	56.22	ng	96
4) n-Nitrosodimethylamine	3.381	42	312412	50.91	ng	98
6) Aniline	6.540	93	910629	48.72	ng	94
8) 2-Chlorophenol	6.663	128	530726	49.05	ng	99
9) Benzaldehyde	6.428	77	361972	38.51	ng	99
10) Phenol	6.522	94	708934	52.27	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	559117	49.54	ng	92
12) 1,3-Dichlorobenzene	6.816	146	600739	47.94	ng	99
13) 1,4-Dichlorobenzene	6.892	146	596014	47.75	ng	99
14) 1,2-Dichlorobenzene	7.045	146	544319	46.82	ng	99
15) Benzyl Alcohol	7.016	79	460462	47.32	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	962539	44.90	ng	100
17) 2-Methylphenol	7.128	107	484685	48.56	ng	99
18) Hexachloroethane	7.381	117	220530	51.52	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	370814	44.44	ng	98
20) 3+4-Methylphenols	7.281	107	530996	43.14	ng	# 79
22) Acetophenone	7.287	105	705961	43.37	ng	# 91
24) Nitrobenzene	7.463	77	622797	58.78	ng	98
25) Isophorone	7.698	82	1131441	51.24	ng	98
26) 2-Nitrophenol	7.775	139	315171	78.43	ng	96
27) 2,4-Dimethylphenol	7.810	122	468363	50.20	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	658574	50.34	ng	99
29) 2,4-Dichlorophenol	8.016	162	433735	51.14	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	457321	47.67	ng	97
31) Naphthalene	8.181	128	1538874	47.35	ng	100
32) Benzoic acid	7.945	122	352803	61.38	ng	98
33) 4-Chloroaniline	8.228	127	682925	48.77	ng	97
34) Hexachlorobutadiene	8.286	225	234480	47.69	ng	99
35) Caprolactam	8.616	113	159394	54.12	ng	# 86
36) 4-Chloro-3-methylphenol	8.710	107	489599	51.38	ng	99
37) 2-Methylnaphthalene	8.869	142	987073	46.38	ng	99
39) 1,2,4,5-Tetrachloroben...	9.033	216	394225	47.89	ng	98
40) Hexachlorocyclopentadiene	9.016	237	131457	33.59	ng	98

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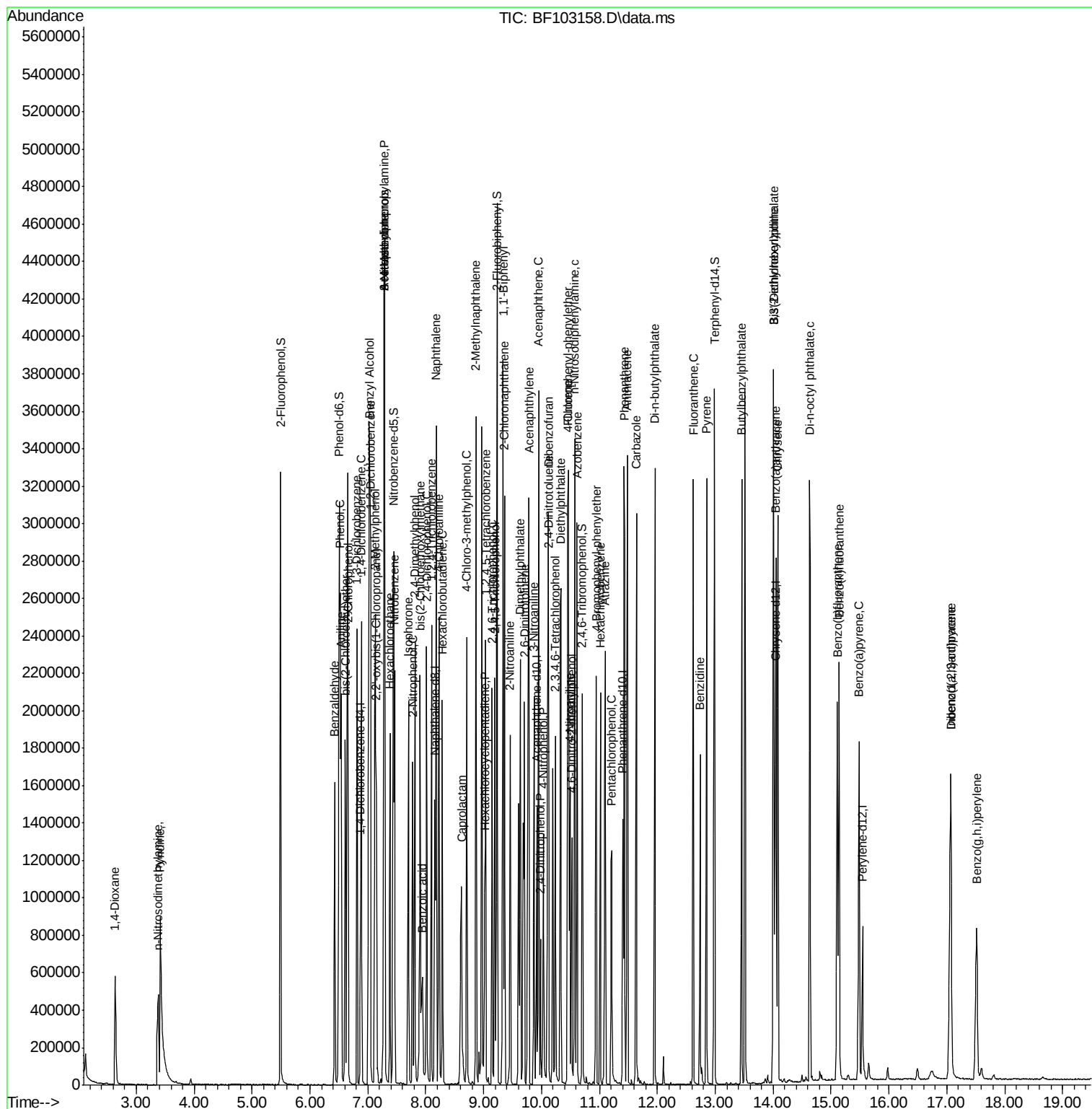
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42) 2,4,6-Trichlorophenol	9.145	196	275488	50.95	nq	99
43) 2,4,5-Trichlorophenol	9.192	196	310234	50.90	nq	99
45) 1,1'-Biphenyl	9.333	154	1183962	46.49	nq	100
46) 2-Chloronaphthalene	9.363	162	951850	47.48	nq	98
47) 2-Nitroaniline	9.457	65	371846	72.70	nq	87
48) Acenaphthylene	9.780	152	1431055	45.96	nq	99
49) Dimethylphthalate	9.633	163	1173100	49.76	nq	100
50) 2,6-Dinitrotoluene	9.704	165	254452	56.73	nq	98
51) Acenaphthene	9.951	154	839118	45.06	nq	99
52) 3-Nitroaniline	9.875	138	320074	58.00	nq	96
53) 2,4-Dinitrophenol	9.980	184	84036	88.64	nq	# 19
54) Dibenzofuran	10.122	168	1174330	44.75	nq	97
55) 4-Nitrophenol	10.033	139	202386	49.82	nq	91
56) 2,4-Dinitrotoluene	10.110	165	320870	64.83	nq	96
57) Fluorene	10.463	166	927383	48.57	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.239	232	214781	50.85	nq	98
59) Diethylphthalate	10.333	149	1087617	46.72	nq	98
60) 4-Chlorophenyl-phenyle...	10.451	204	418553	49.55	nq	99
61) 4-Nitroaniline	10.492	138	322077	61.31	nq	96
62) Azobenzene	10.616	77	1102102	47.39	nq	97
64) 4,6-Dinitro-2-methylph...	10.522	198	157729	84.71	nq	95
65) n-Nitrosodiphenylamine	10.575	169	857131	47.01	nq	100
66) 4-Bromophenyl-phenylether	10.945	248	260415	47.63	nq	93
67) Hexachlorobenzene	11.016	284	280886	46.57	nq	94
68) Atrazine	11.098	200	255712	47.54	nq	98
69) Pentachlorophenol	11.210	266	153273	43.29	nq	98
70) Phenanthrene	11.427	178	1328383	46.15	nq	99
71) Anthracene	11.480	178	1342843	45.87	nq	100
72) Carbazole	11.639	167	1353300	47.18	nq	98
73) Di-n-butylphthalate	11.957	149	1716269	49.26	nq	99
74) Fluoranthene	12.621	202	1333076	46.03	nq	99
76) Benzidine	12.739	184	596066	35.66	nq	97
77) Pyrene	12.851	202	1377092	48.28	nq	100
79) Butylbenzylphthalate	13.457	149	744572	59.63	nq	99
80) Benzo(a)anthracene	14.045	228	1176590	51.43	nq	99
81) 3,3'-Dichlorobenzidine	14.004	252	398376	46.97	nq	95
82) Chrysene	14.080	228	1105563	47.94	nq	99
83) Bis(2-ethylhexyl)phtha...	14.010	149	983930	56.31	nq	# 98
84) Di-n-octyl phthalate	14.633	149	1604304	61.15	nq	99
85) Indeno(1,2,3-cd)pyrene	17.062	276	864108	45.18	nq	98
87) Benzo(b)fluoranthene	15.110	252	1050047	48.07	nq	97
88) Benzo(k)fluoranthene	15.139	252	1042943	49.97	nq	99
89) Benzo(a)pyrene	15.486	252	971520	49.41	nq	97
90) Dibenzo(a,h)anthracene	17.074	278	718265	45.01	nq	98
91) Benzo(g,h,i)perylene	17.515	276	712617	45.62	nq	98

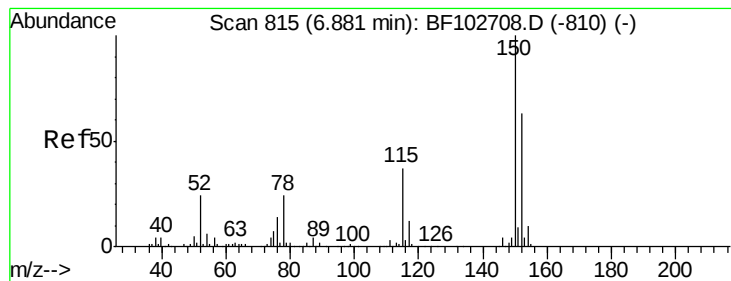
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.869 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

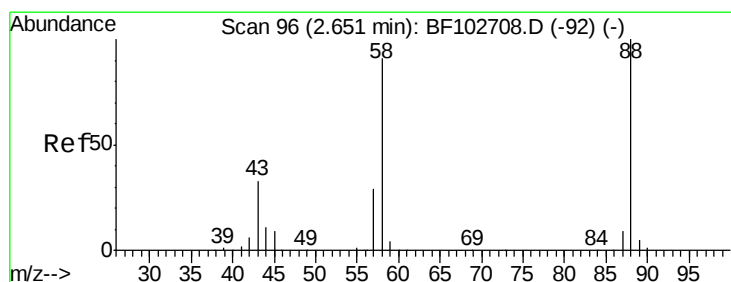
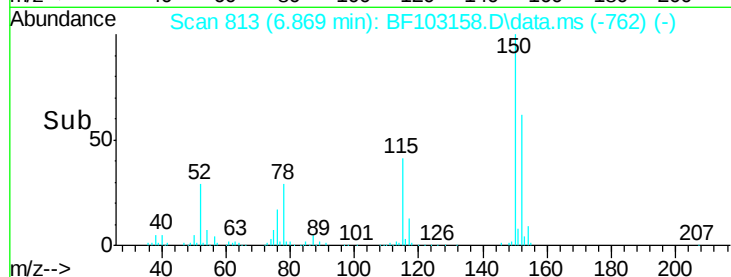
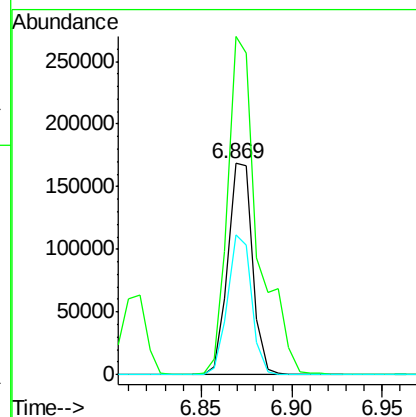
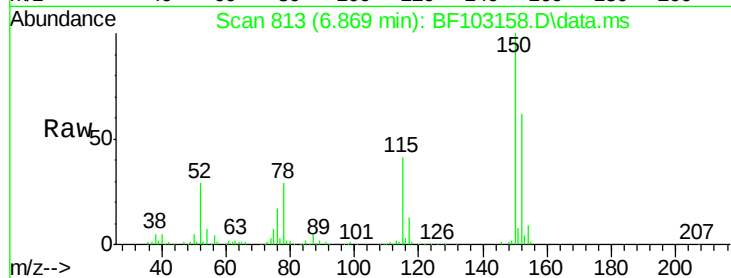
Tot Ion:152 Resp: 159626

Ion Ratio Lower Upper

152 100

150 160.2 124.6 186.8

115 66.4 50.1 75.1



#2

1,4-Dioxane

Concen: 54.68 ng

RT: 2.634 min Scan# 93

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

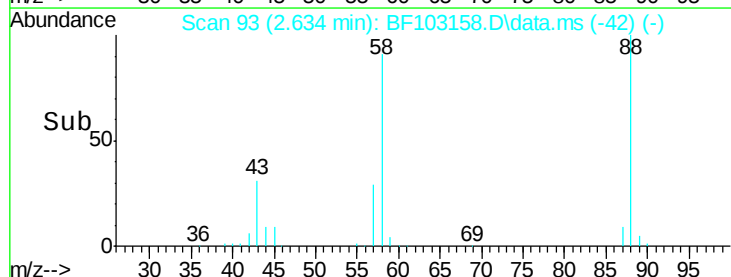
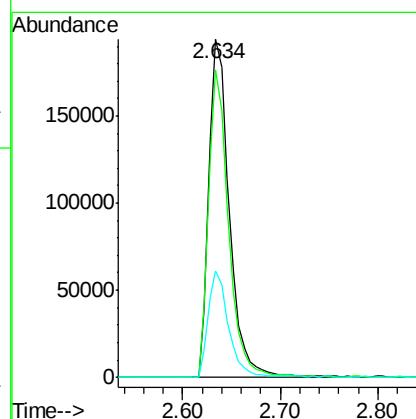
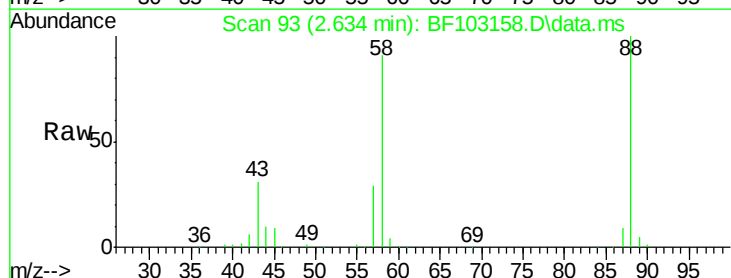
Tgt Ion: 88 Resp: 283889

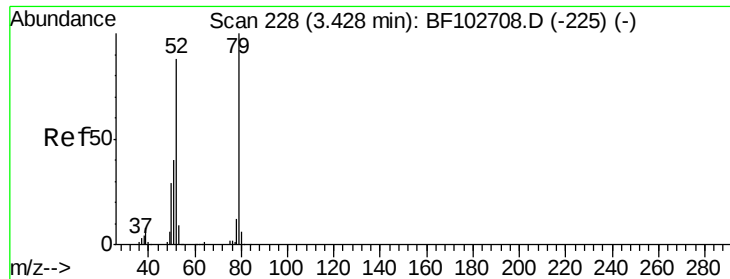
Ion Ratio Lower Upper

88 100

58 88.6 62.6 93.8

43 30.8 24.6 37.0





#3

Pvridine

Concen: 56.22 ng

RT: 3.416 min Scan# 22

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

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BNA_F

ClientSampleId :

SSTDICC050

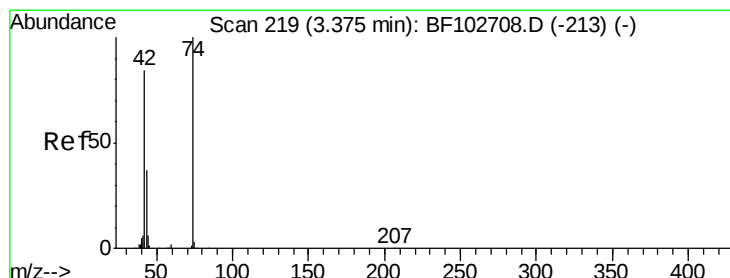
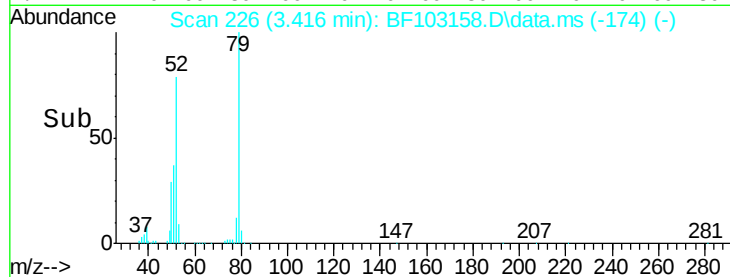
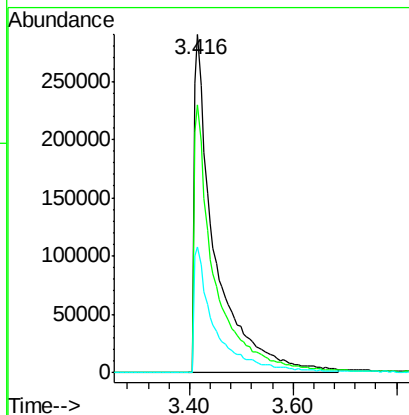
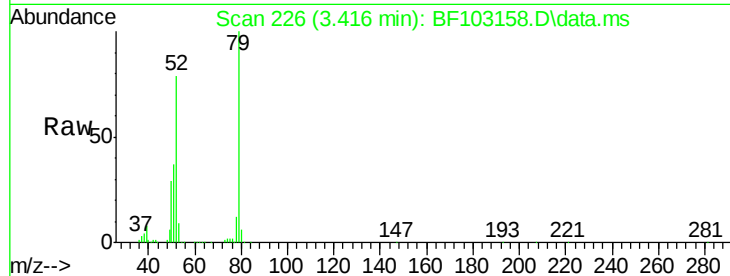
Tot Ion: 79 Resp: 806460

Ion Ratio Lower Upper

79 100

52 79.2 59.8 89.6

51 37.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 50.91 ng

RT: 3.381 min Scan# 220

Delta R.T. 0.018 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

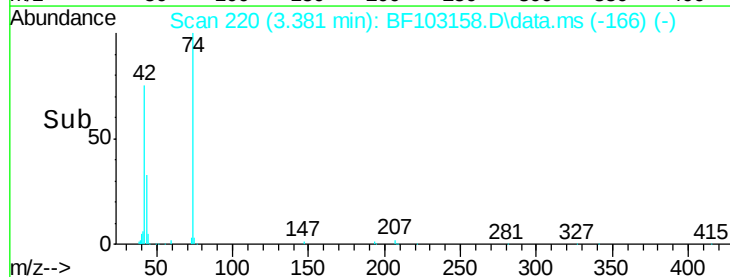
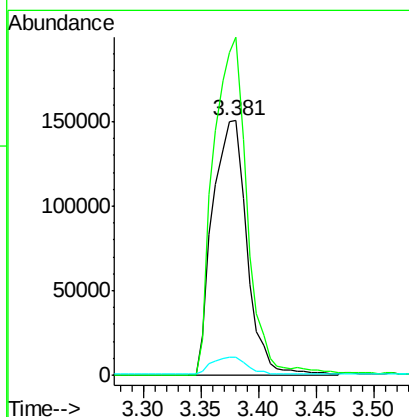
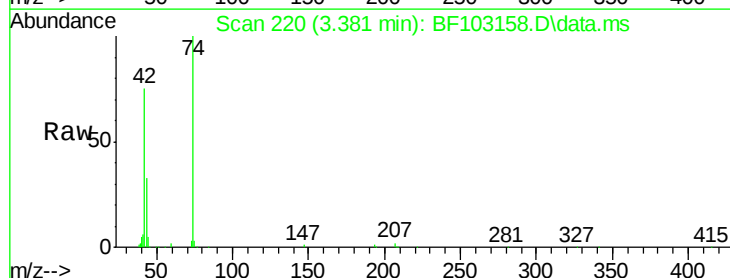
Tgt Ion: 42 Resp: 312412

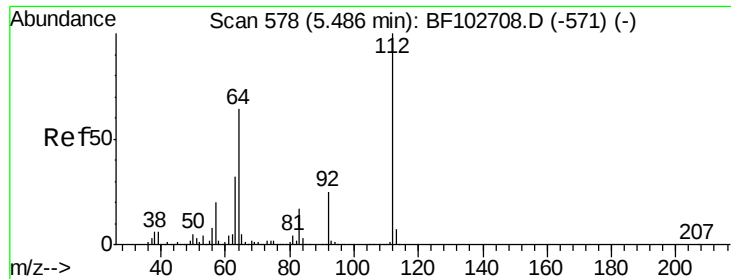
Ion Ratio Lower Upper

42 100

74 132.8 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 96.36 ng

RT: 5.493 min Scan# 57

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

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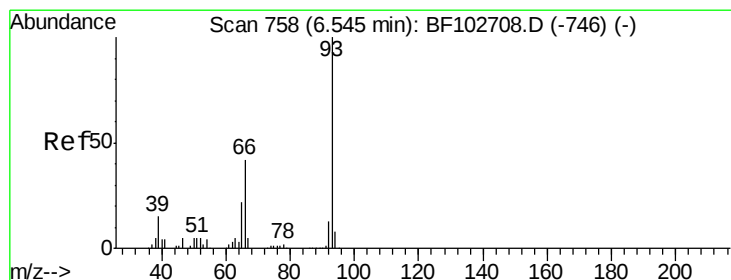
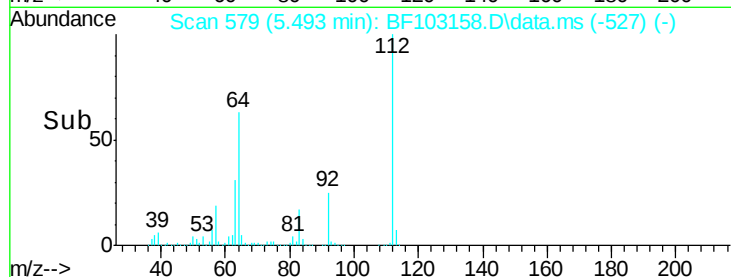
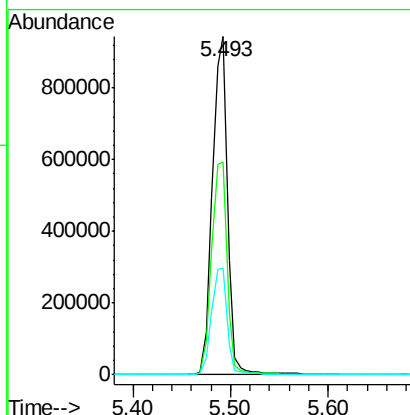
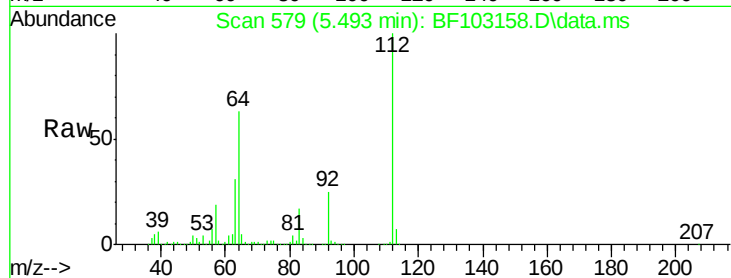
Tot Ion:112 Resp: 1012846

Ion Ratio Lower Upper

112 100

64 62.7 47.9 71.9

63 31.4 23.7 35.5



#6

Aniline

Concen: 48.72 ng

RT: 6.540 min Scan# 757

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

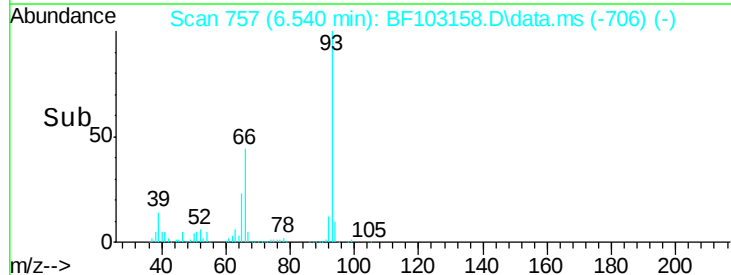
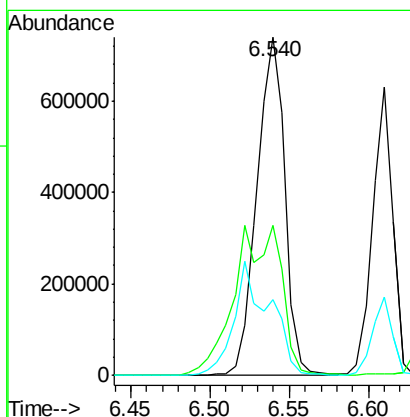
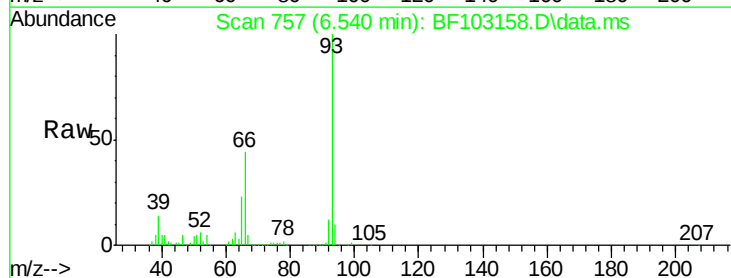
Tgt Ion: 93 Resp: 910629

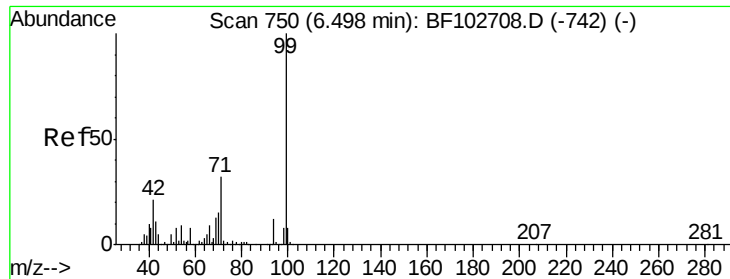
Ion Ratio Lower Upper

93 100

66 44.3 32.2 48.2

65 22.6 16.4 24.6





#7

Phenol-d6

Concen: 95.70 ng

RT: 6.510 min Scan# 75

Delta R.T. 0.006 min

Lab File: BF103158.D

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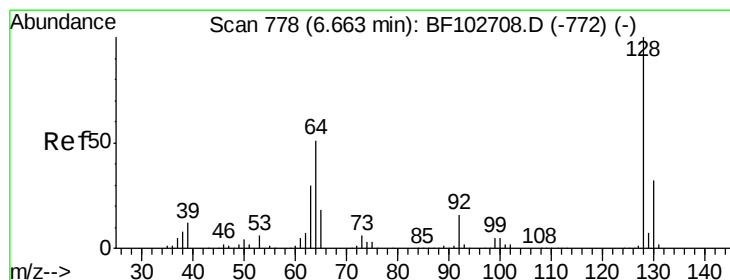
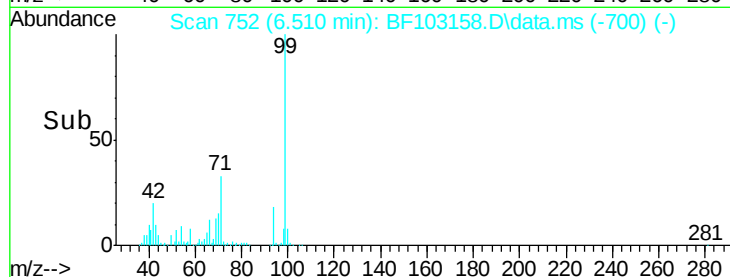
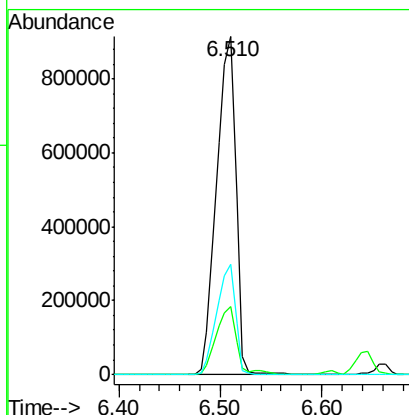
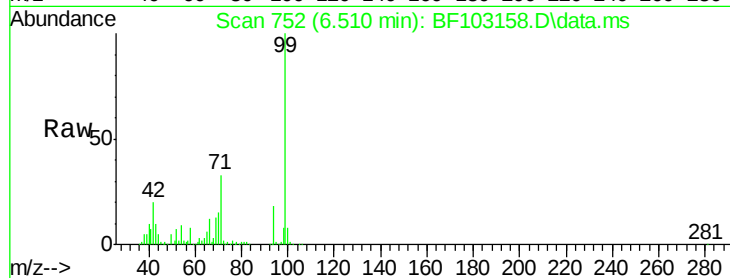
Tot Ion: 99 Resp: 1211105

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 32.7 25.4 38.0



#8

2-Chlorophenol

Concen: 49.05 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

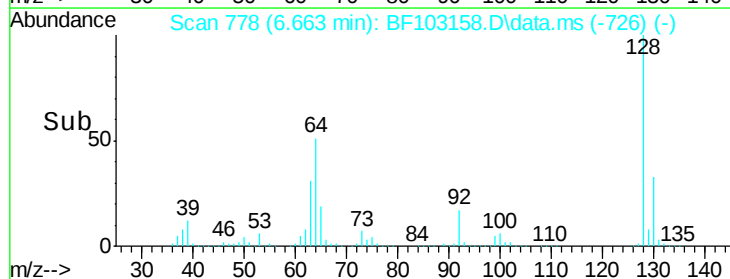
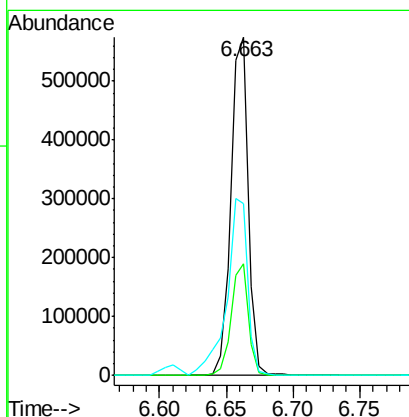
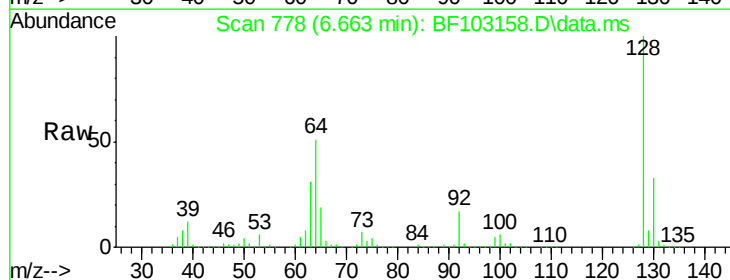
Tgt Ion: 128 Resp: 530726

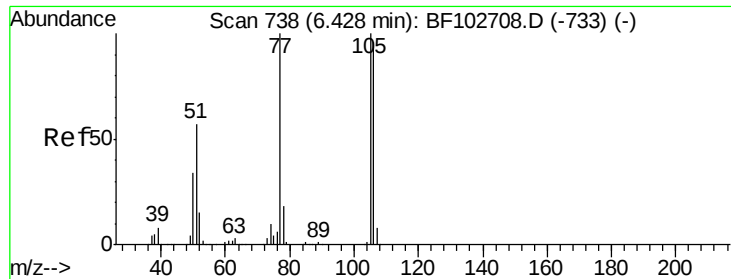
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 50.7 29.4 69.4





#9

Benzaldehyde

Concen: 38.51 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.000 min

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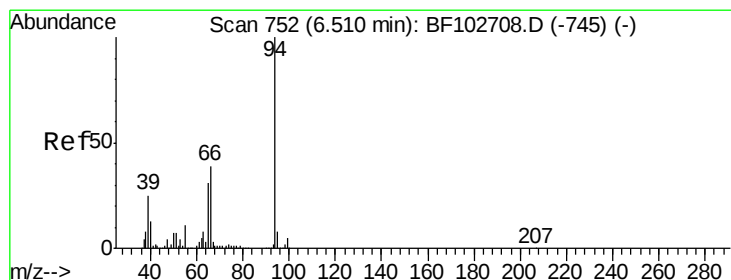
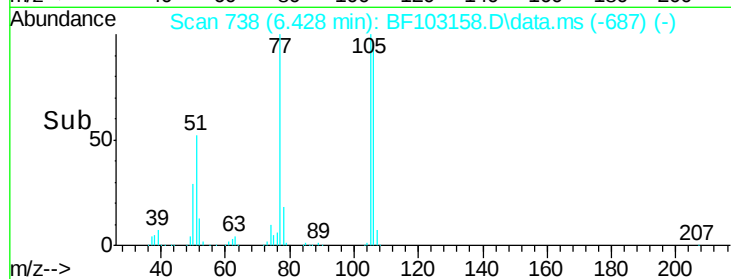
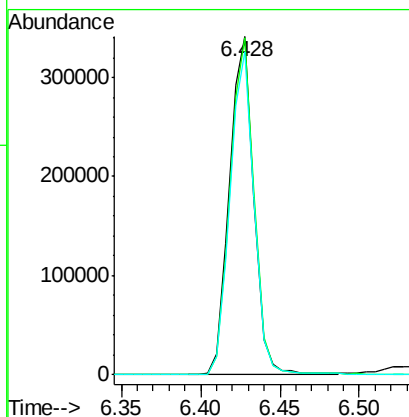
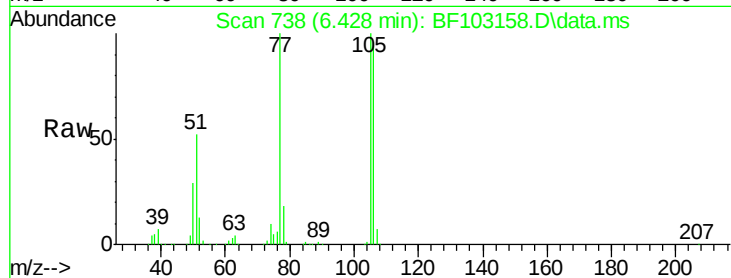
Tot Ion: 77 Resp: 361972

Ion Ratio Lower Upper

77 100

105 99.7 81.1 121.1

106 95.6 74.5 114.5



#10

Phenol

Concen: 52.27 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

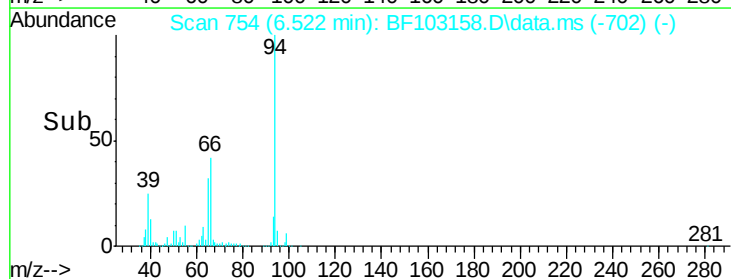
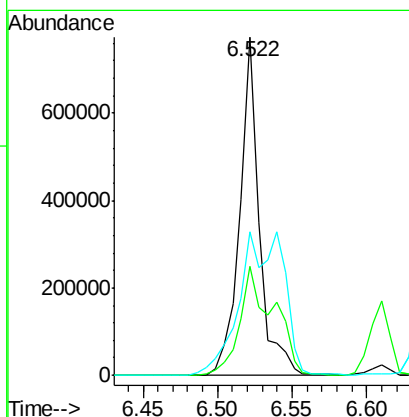
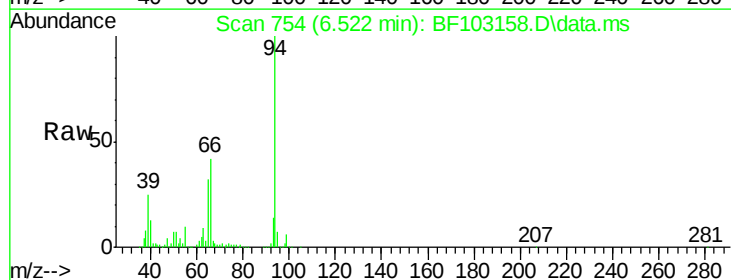
Tgt Ion: 94 Resp: 708934

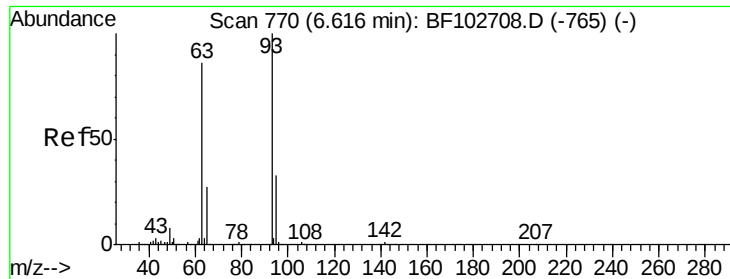
Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

66 42.4 16.2 56.2

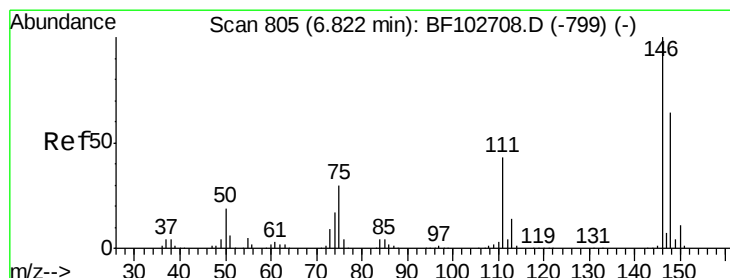
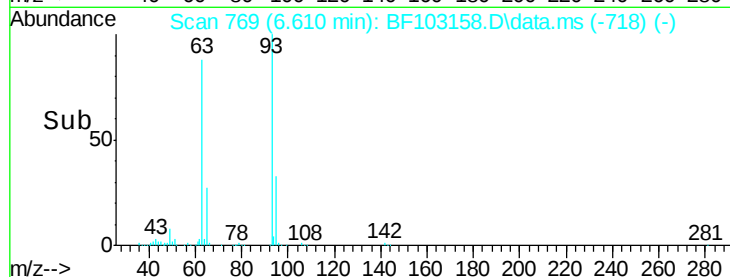
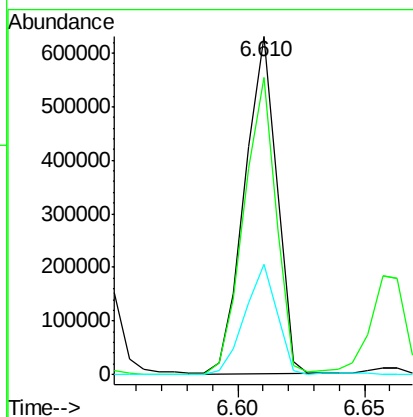
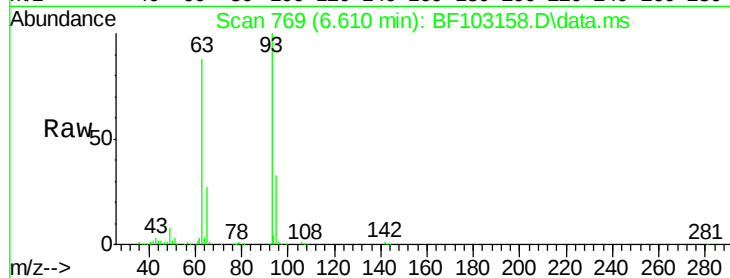




#11
bis(2-Chloroethyl)ether
Concen: 49.54 ng
RT: 6.610 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

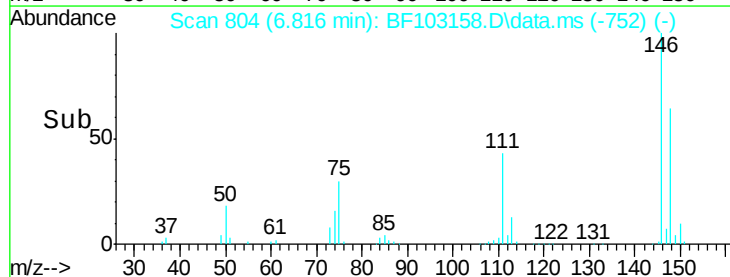
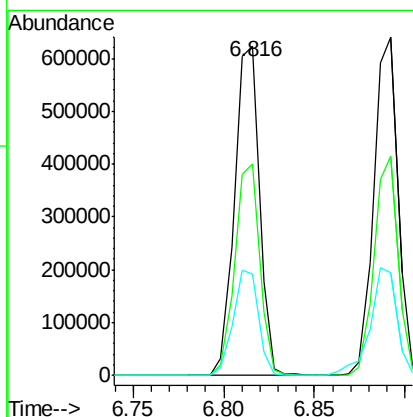
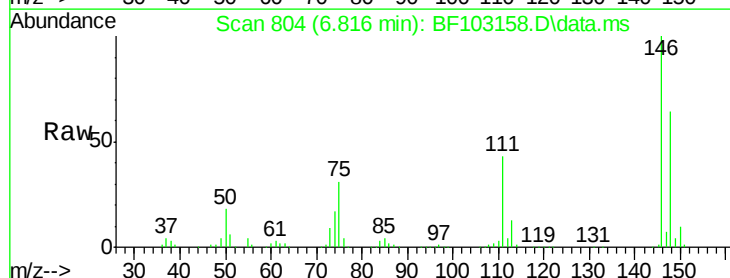
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

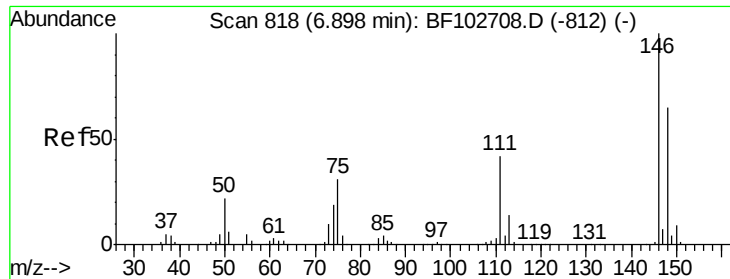
Tot Ion: 93 Resp: 559117
Ion Ratio Lower Upper
93 100
63 87.8 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 47.94 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

Tgt Ion: 146 Resp: 600739
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 30.6 24.2 36.4

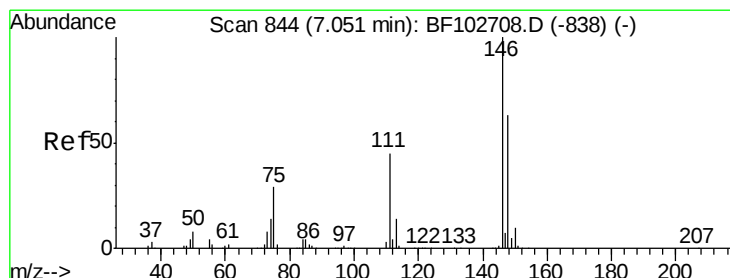
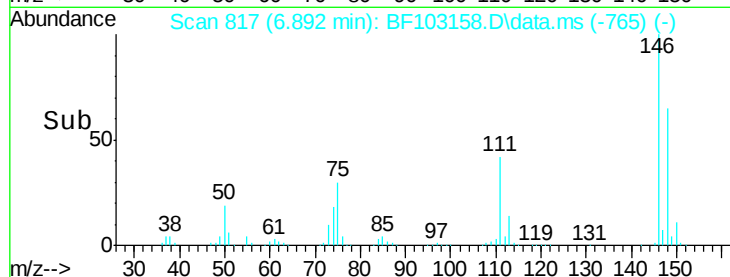
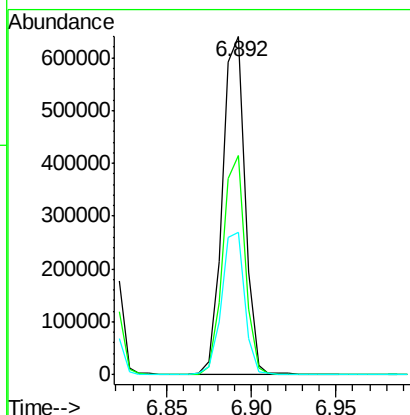
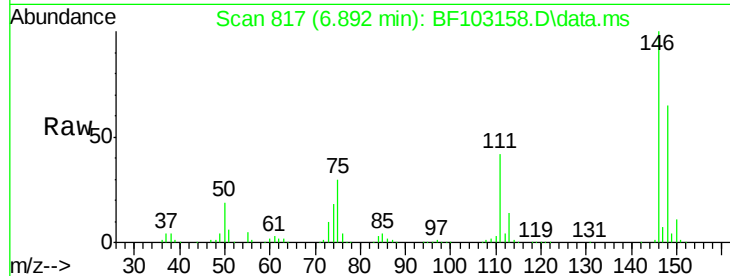




#13
 1,4-Dichlorobenzene
 Concen: 47.75 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

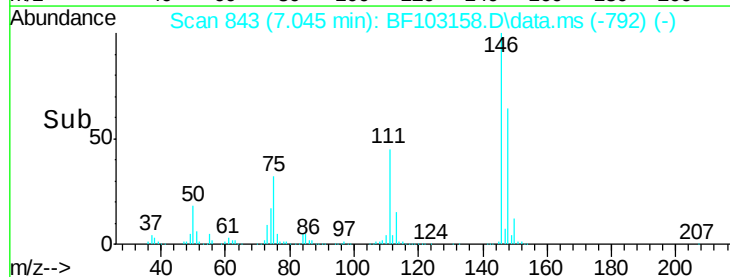
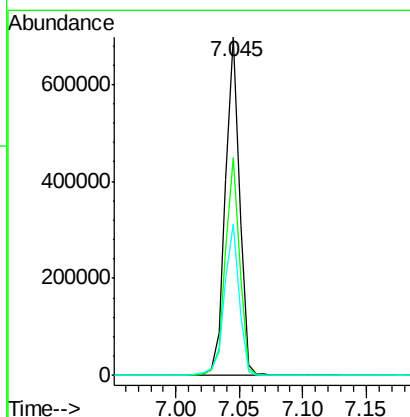
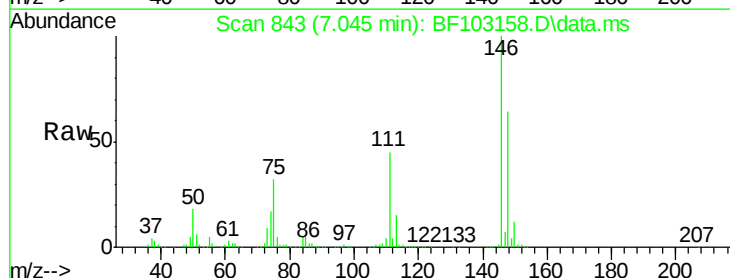
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

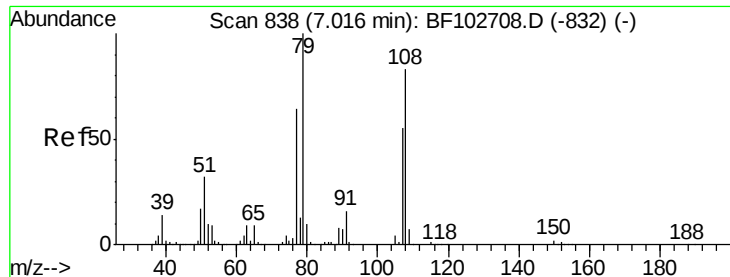
Tot Ion	146	Resp	596014
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.8	76.2
111	42.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 46.82 ng
 RT: 7.045 min Scan# 843
 Delta R.T. 0.000 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion	146	Resp	544319
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	44.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 47.32 ng

RT: 7.016 min Scan# 83

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

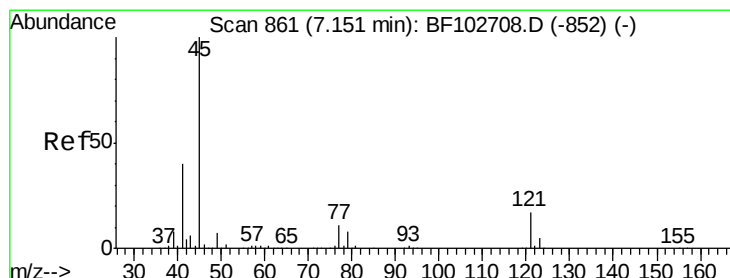
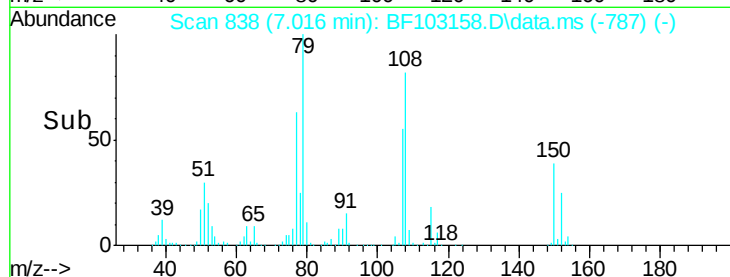
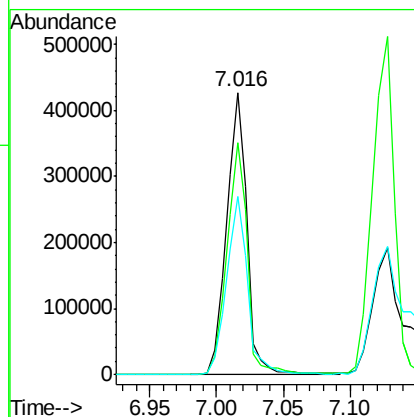
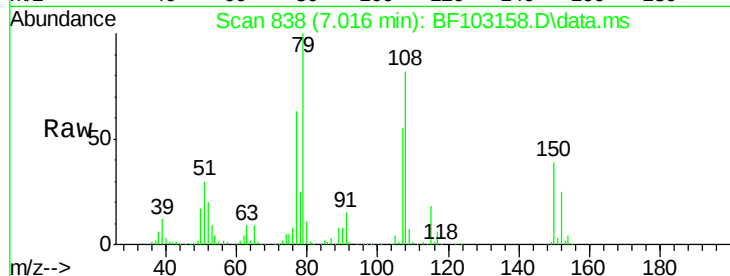
Tot Ion: 79 Resp: 460462

Ion Ratio Lower Upper

79 100

108 82.4 65.1 97.7

77 63.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.90 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

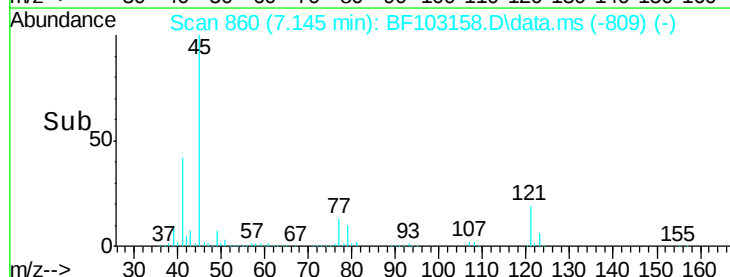
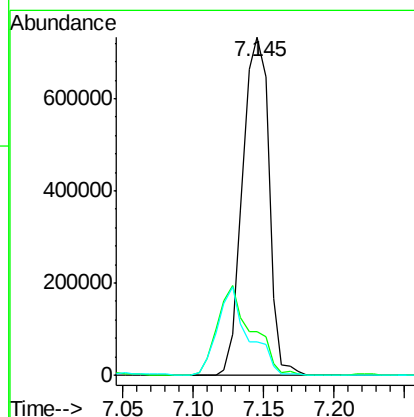
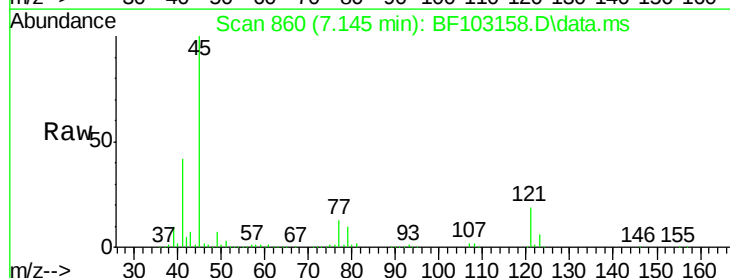
Tgt Ion: 45 Resp: 962539

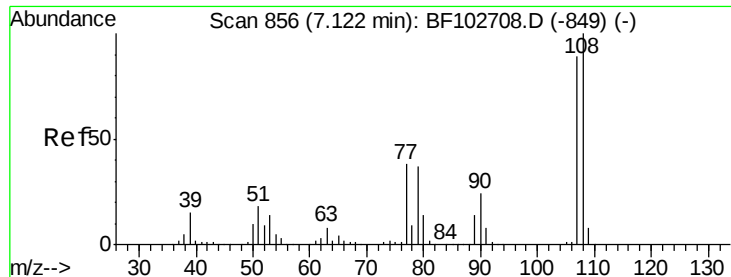
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

79 9.8 0.0 29.6

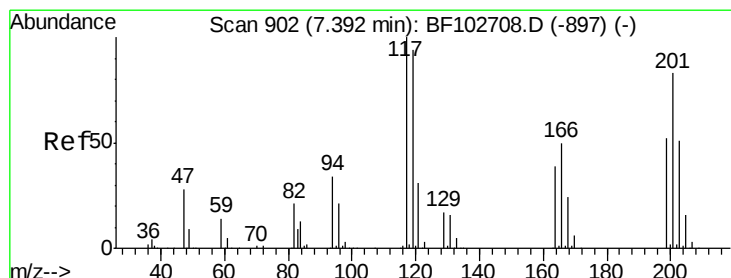
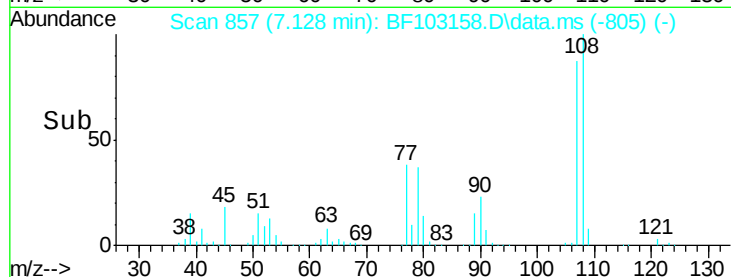
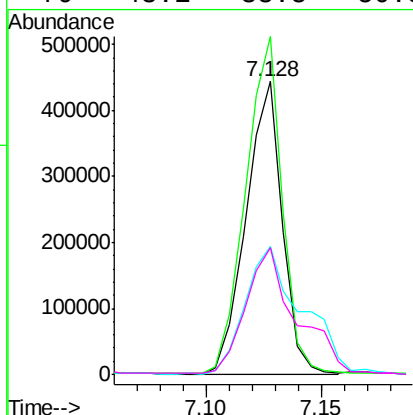
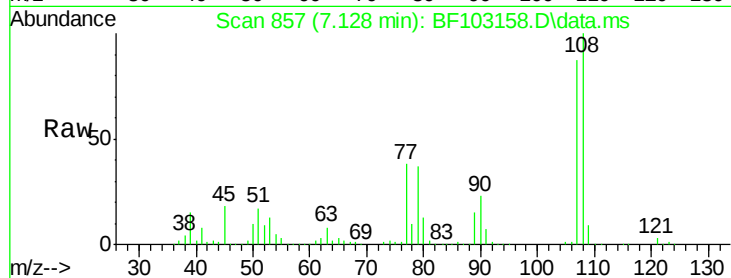




#17
2-Methylphenol
Concen: 48.56 ng
RT: 7.128 min Scan# 85
Delta R.T. 0.006 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

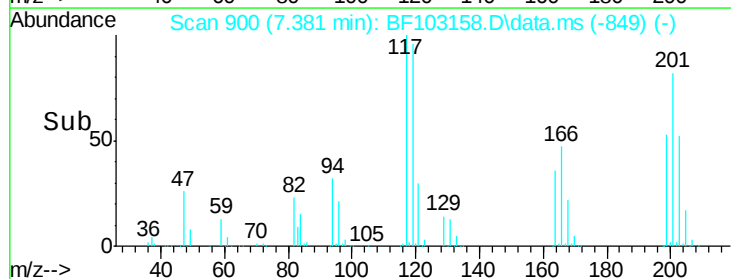
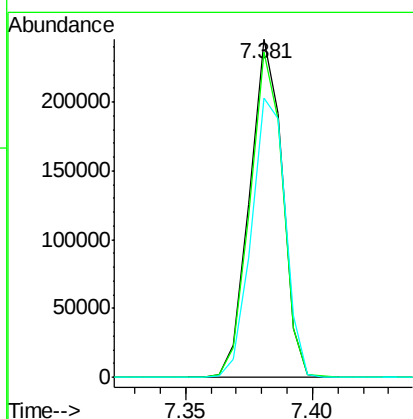
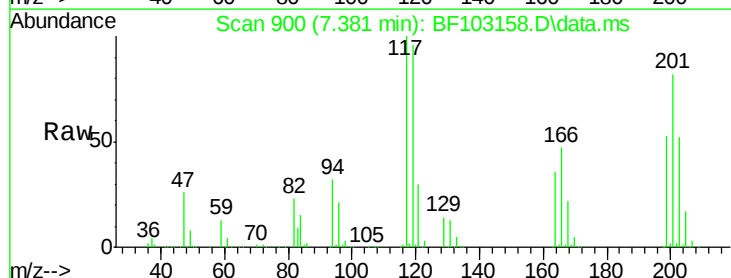
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

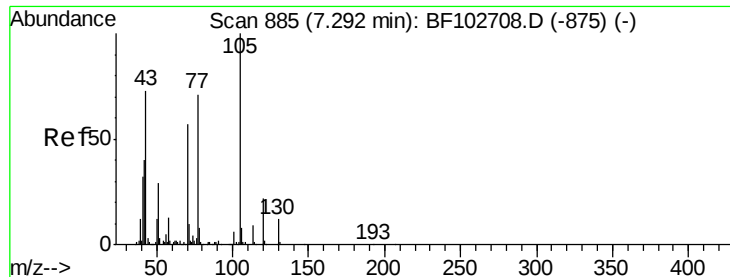
Tot Ion:	107	Resp:	484685
Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.7	137.5
77	44.0	33.8	50.8
79	43.1	33.8	50.8



#18
Hexachloroethane
Concen: 51.52 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

Tgt Ion:	117	Resp:	220530
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	82.4	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 44.44 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 70 Resp: 370814

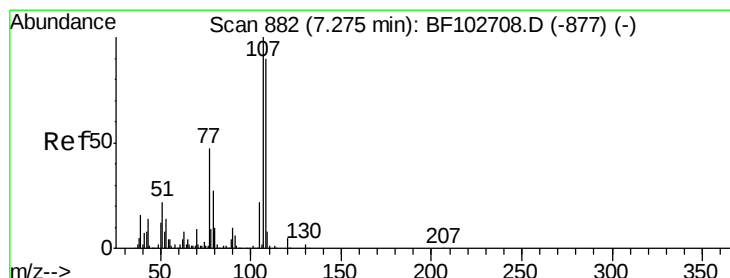
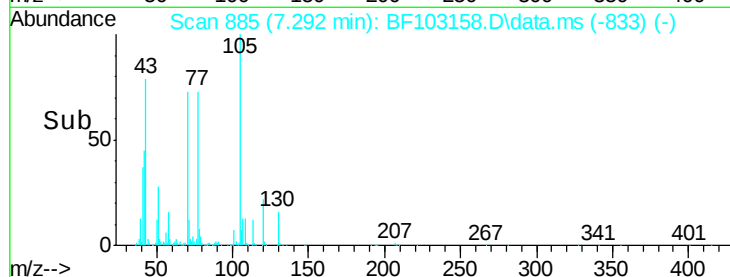
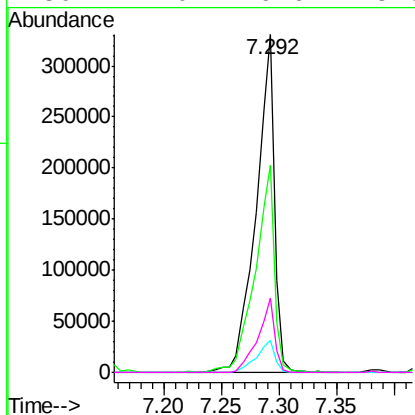
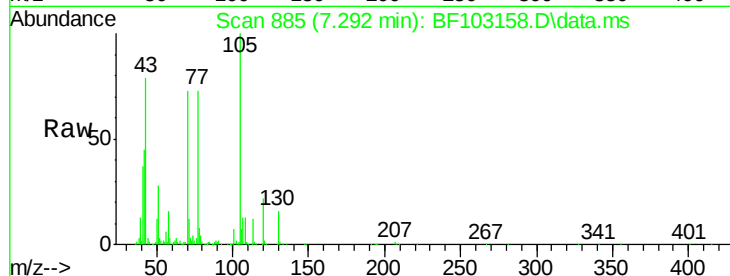
Ion Ratio Lower Upper

70 100

42 61.3 47.5 71.3

101 9.4 7.4 11.2

130 22.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 43.14 ng

RT: 7.281 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Tgt Ion: 107 Resp: 530996

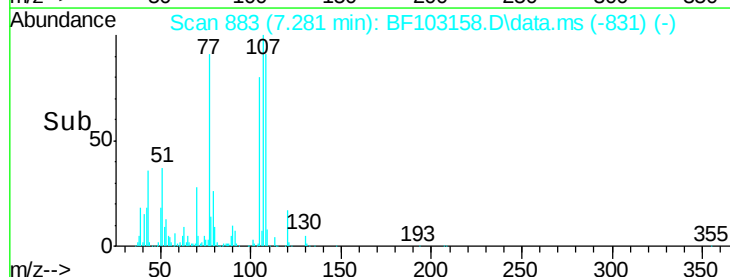
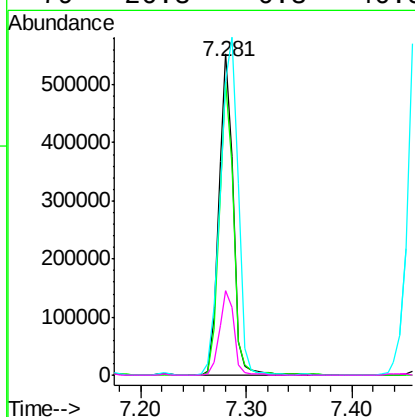
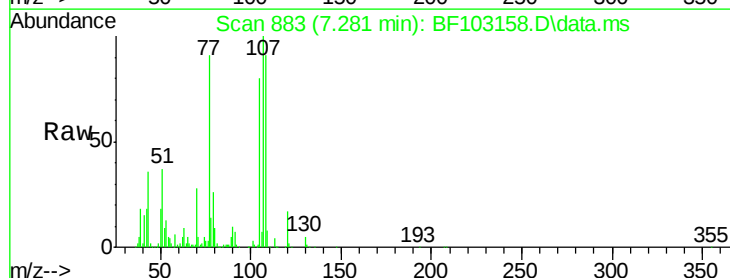
Ion Ratio Lower Upper

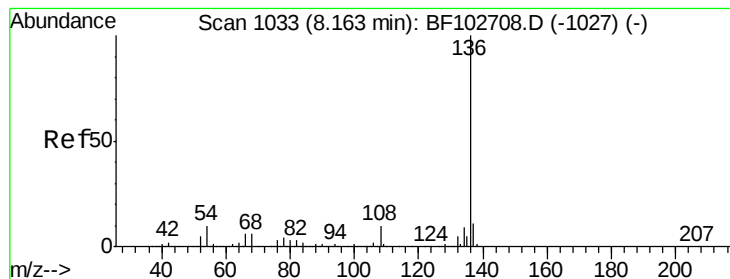
107 100

108 91.2 68.2 108.2

77 91.4 26.7 66.7#

79 26.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.157 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:136 Resp: 665255

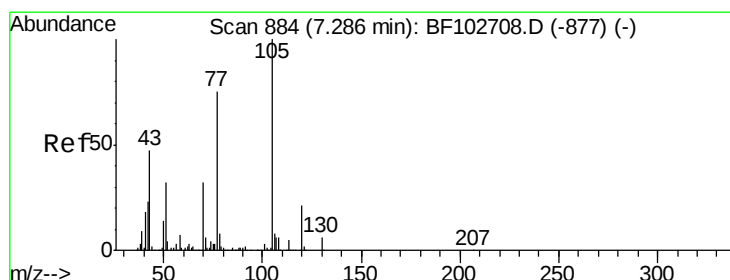
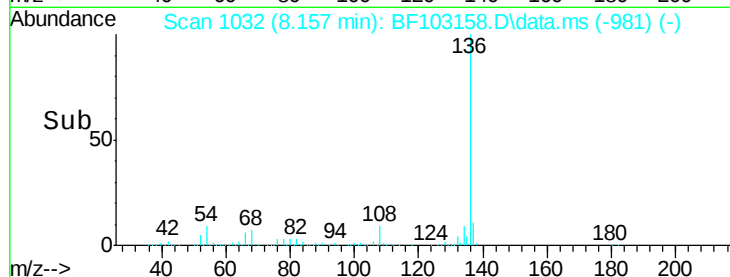
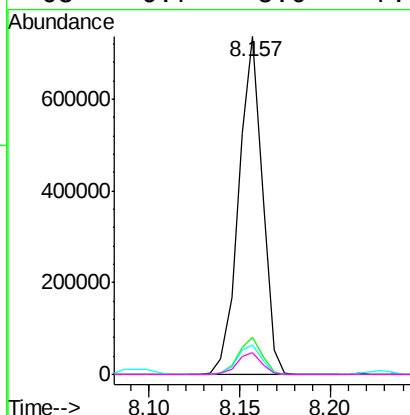
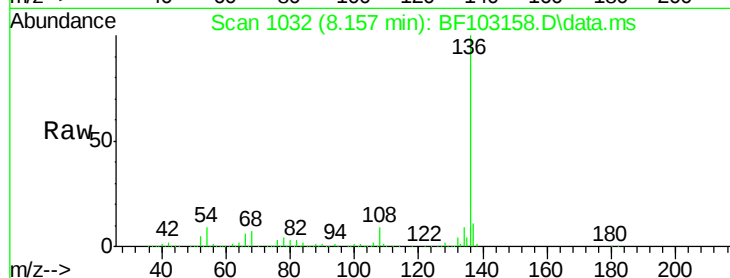
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 6.7 5.0 7.4



#22

Acetophenone

Concen: 43.37 ng

RT: 7.287 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Tgt Ion:105 Resp: 705961

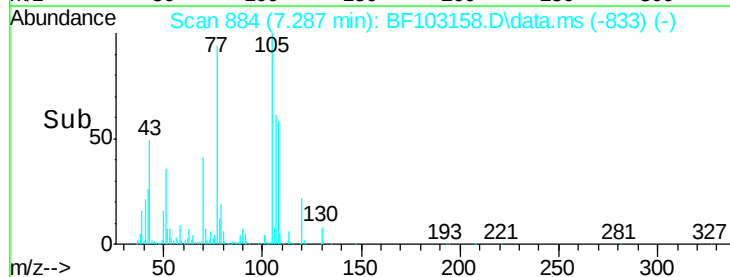
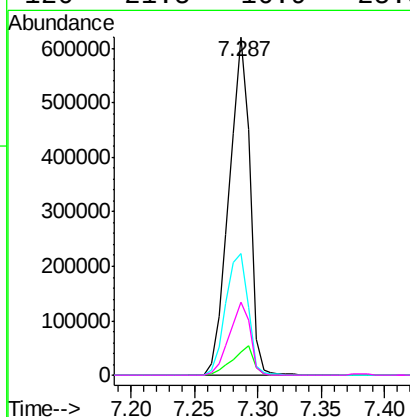
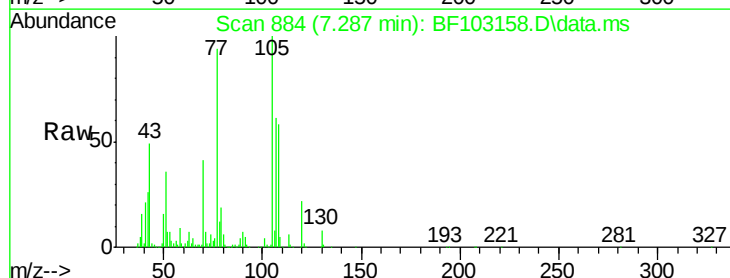
Ion Ratio Lower Upper

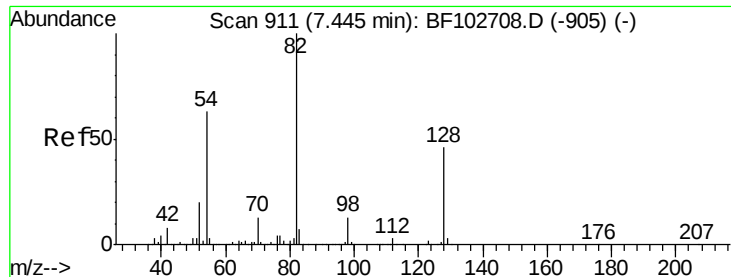
105 100

71 7.0 4.4 6.6#

51 35.9 22.3 33.5#

120 21.5 16.9 25.3

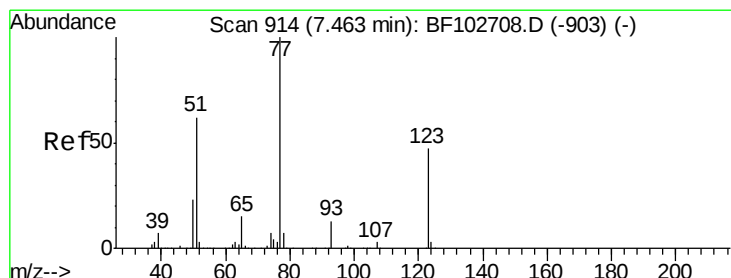
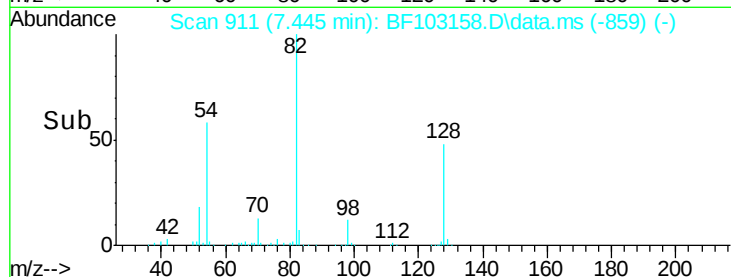
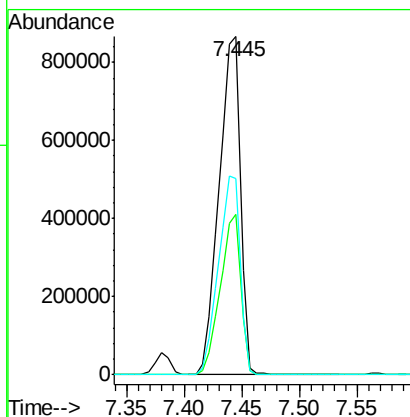
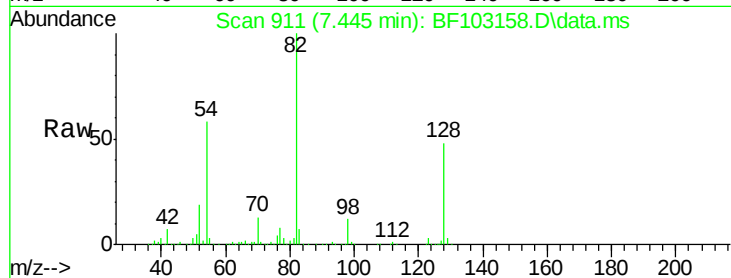




#23
 Nitrobenzene-d5
 Concen: 116.27 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

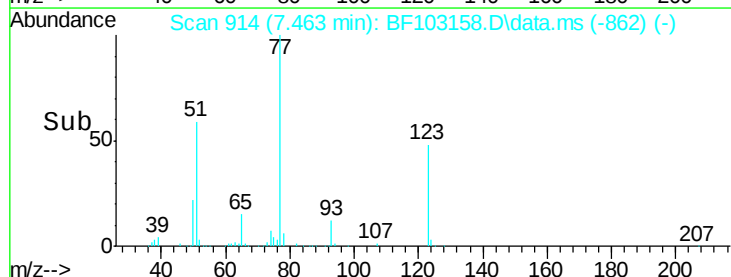
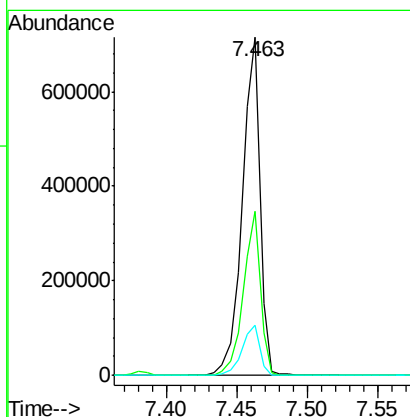
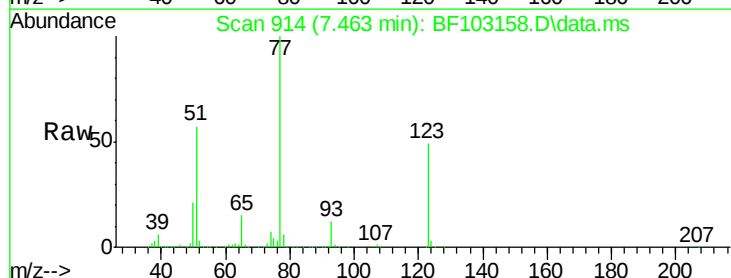
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

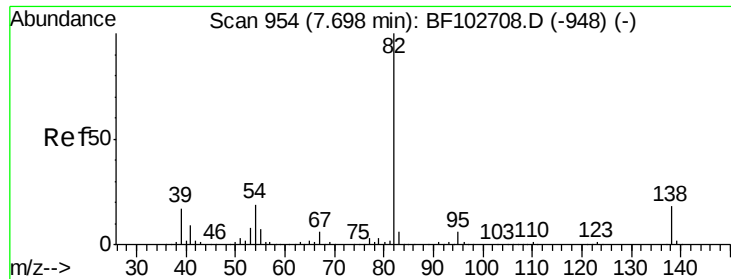
Tot Ion: 82 Resp: 1115052
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 57.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 58.78 ng
 RT: 7.463 min Scan# 914
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion: 77 Resp: 622797
 Ion Ratio Lower Upper
 77 100
 123 48.6 37.9 56.9
 65 14.9 11.0 16.4





#25

Isophorone

Concen: 51.24 ng

RT: 7.698 min Scan# 95

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

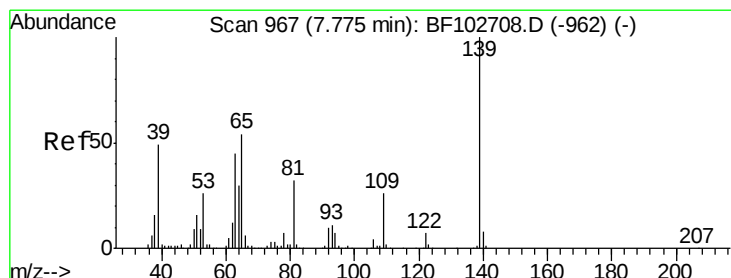
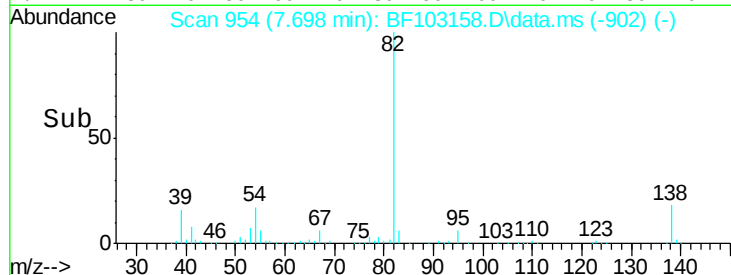
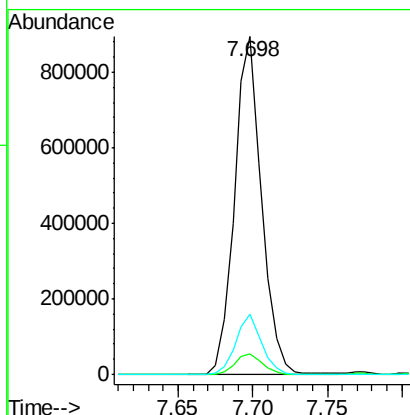
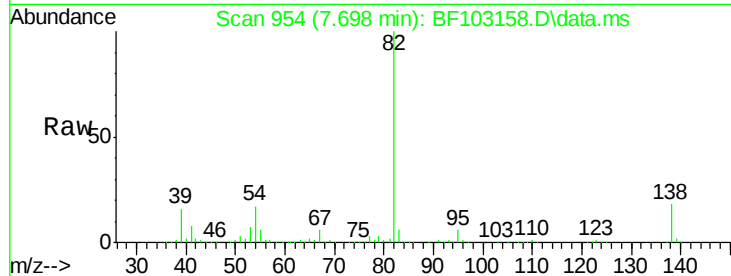
Tot Ion: 82 Resp: 1131441

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 78.43 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

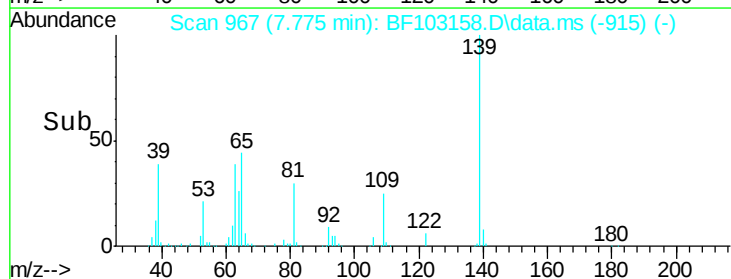
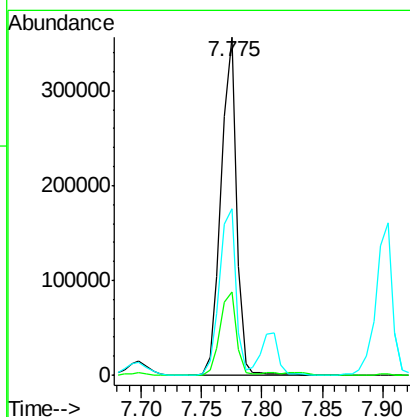
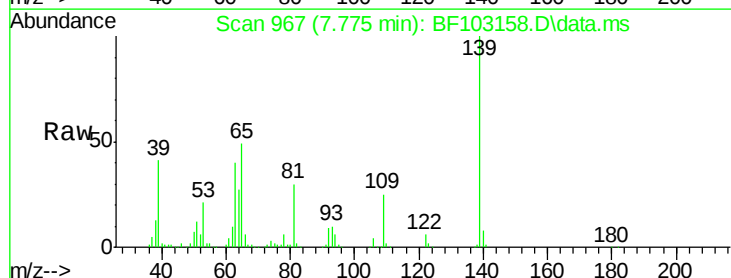
Tgt Ion: 139 Resp: 315171

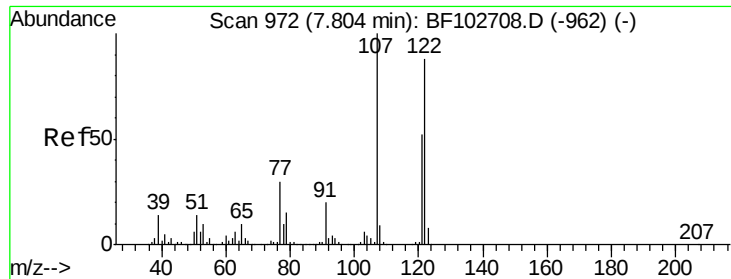
Ion Ratio Lower Upper

139 100

109 24.8 22.7 34.1

65 49.4 40.5 60.7

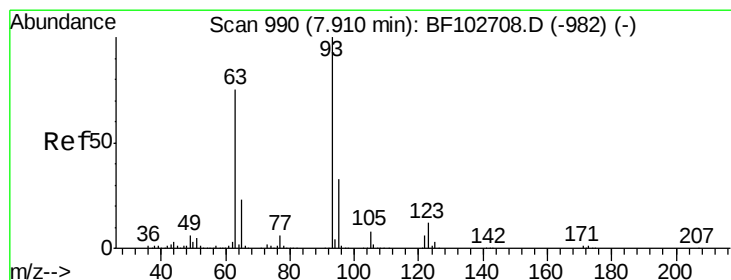
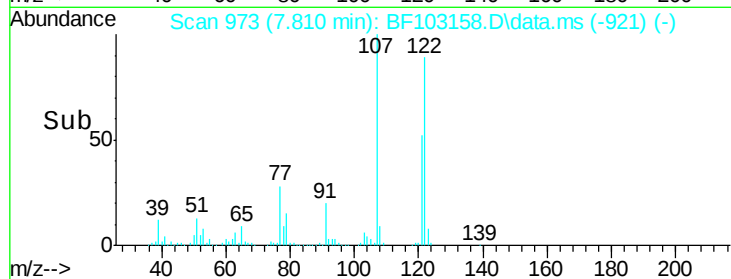
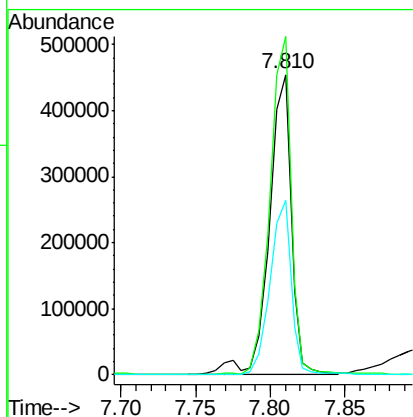
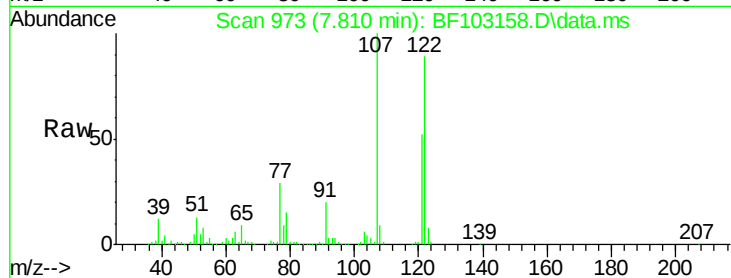




#27
 2,4-Dimethylphenol
 Concen: 50.20 ng
 RT: 7.810 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

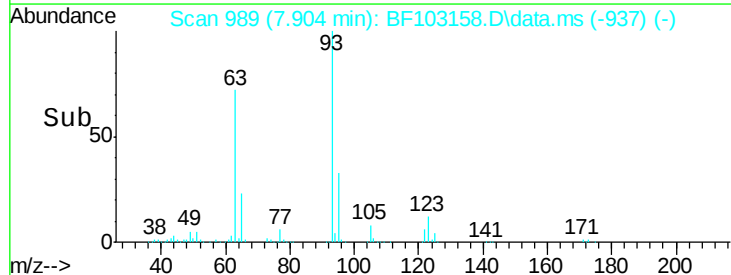
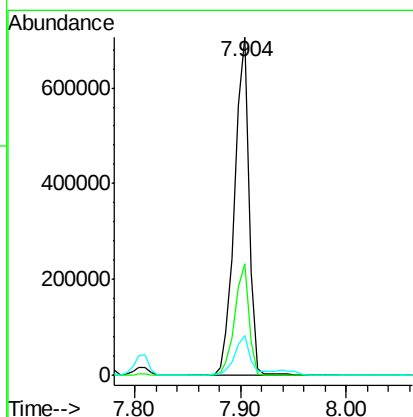
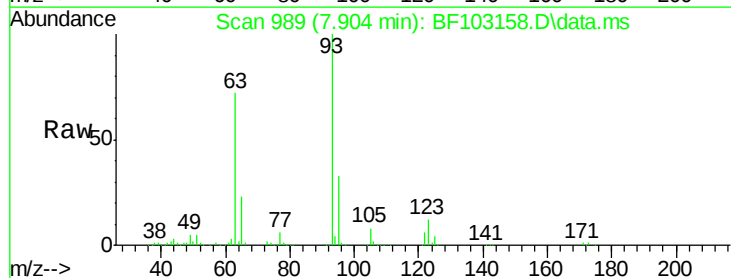
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

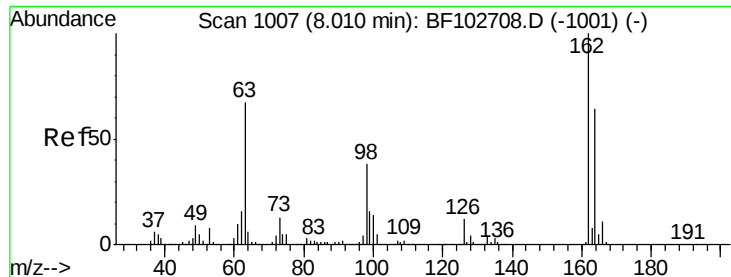
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	91.2	136.8
121	58.3	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.34 ng
 RT: 7.904 min Scan# 989
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.7	9.8	14.6

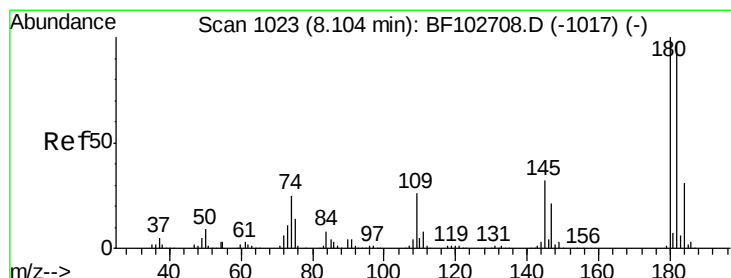
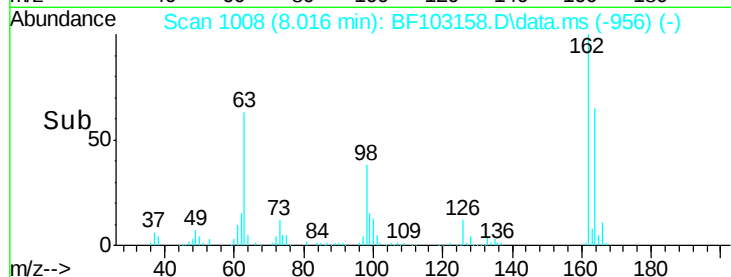
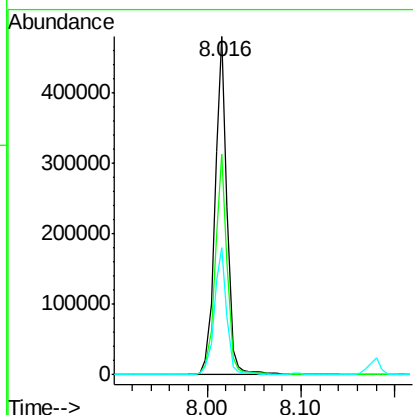
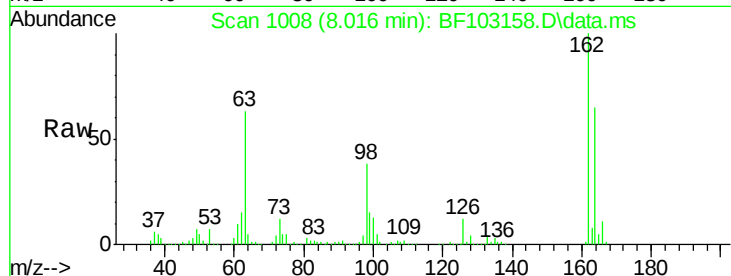




#29
2,4-Dichlorophenol
Concen: 51.14 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

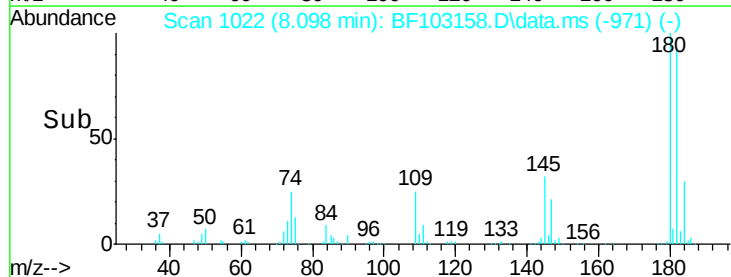
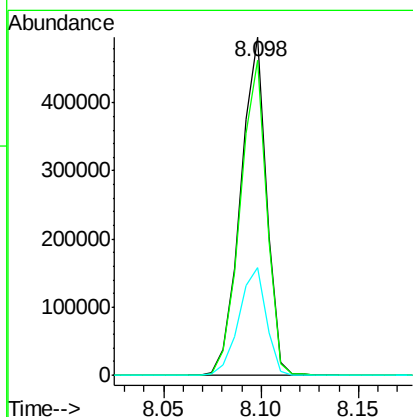
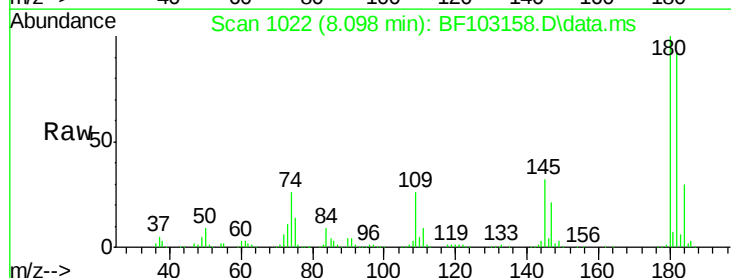
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

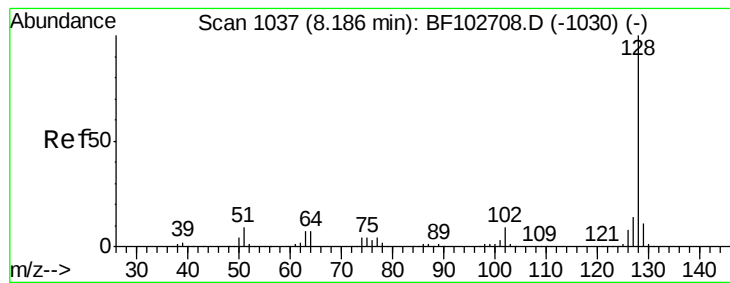
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.7	82.7
98	37.5	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 47.67 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.8	115.2
145	31.9	26.5	39.7





#31

Naphthalene

Concen: 47.35 ng

RT: 8.181 min Scan# 1037

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

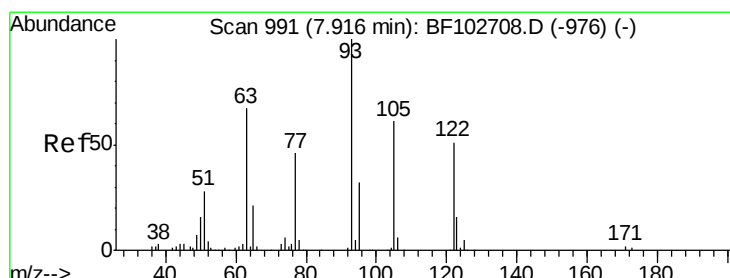
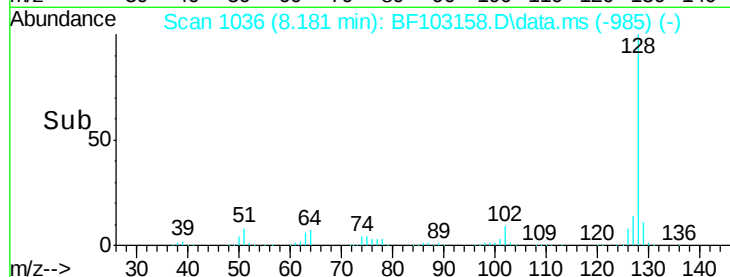
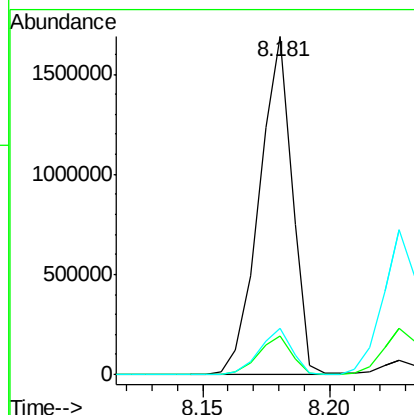
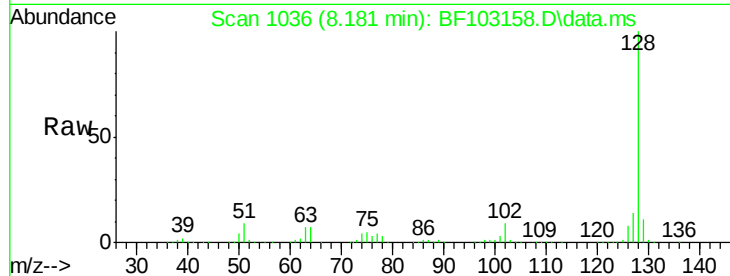
Tot Ion:128 Resp: 1538874

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.7 10.9 16.3



#32

Benzoic acid

Concen: 61.38 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.012 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

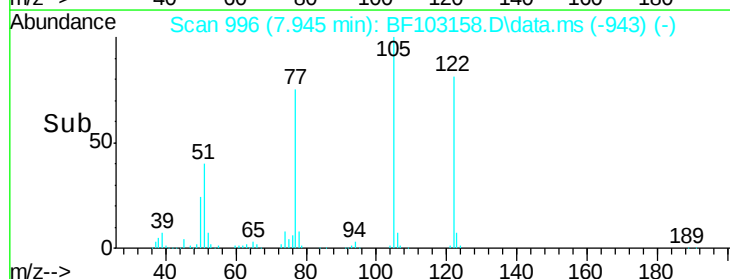
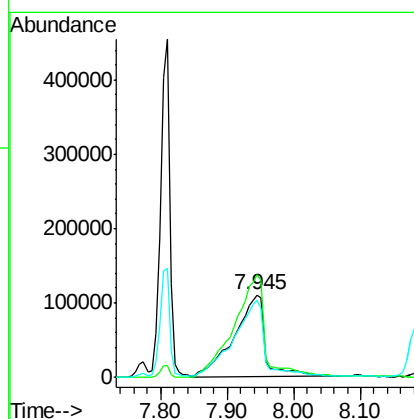
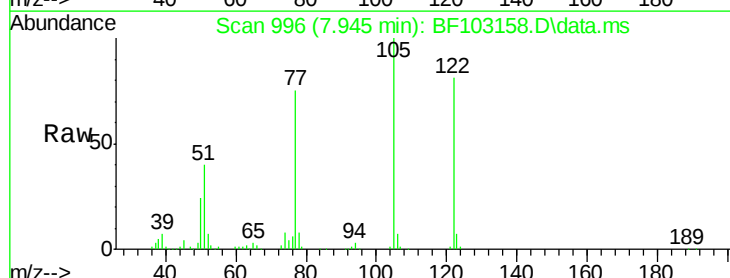
Tgt Ion:122 Resp: 352803

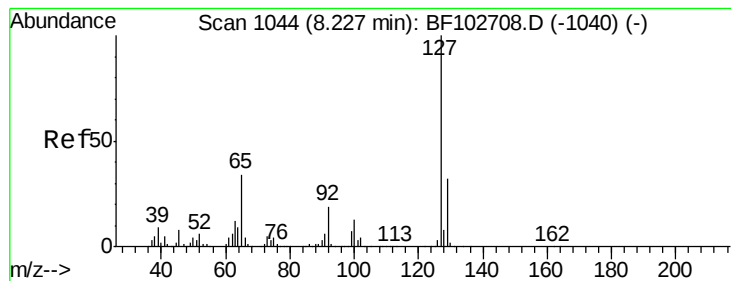
Ion Ratio Lower Upper

122 100

105 123.5 101.1 141.1

77 93.1 70.7 110.7





#33

4-Chloroaniline

Concen: 48.77 ng

RT: 8.228 min Scan# 1044

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:127 Resp: 682925

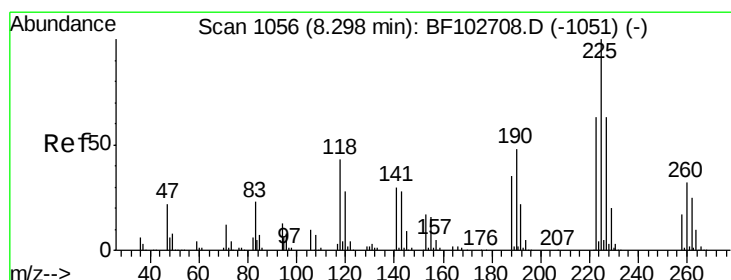
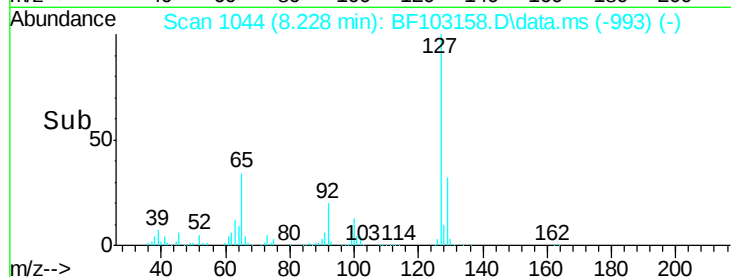
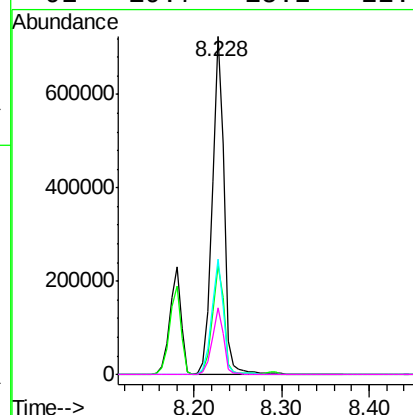
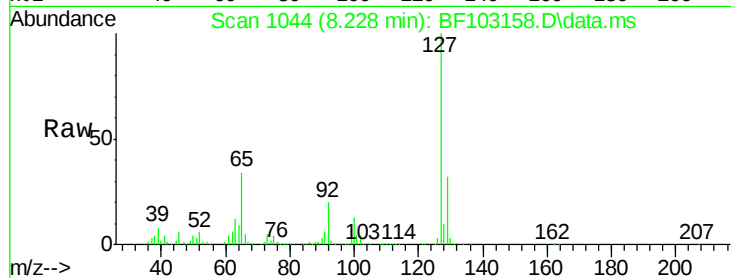
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 34.3 25.0 37.4

92 19.7 15.2 22.8



#34

Hexachlorobutadiene

Concen: 47.69 ng

RT: 8.286 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

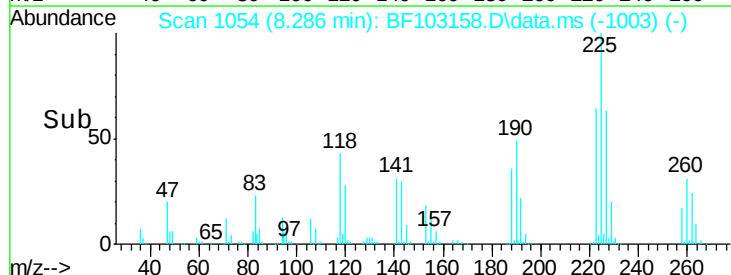
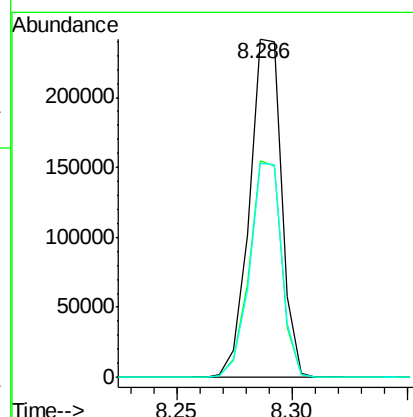
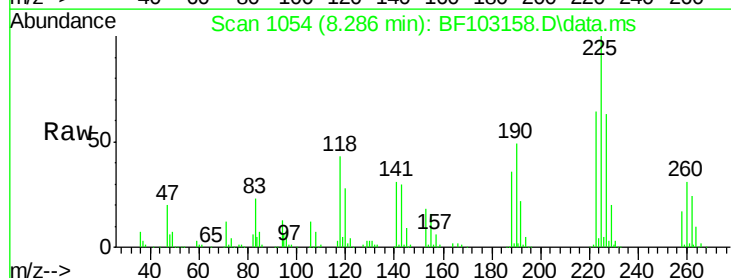
Tgt Ion:225 Resp: 234480

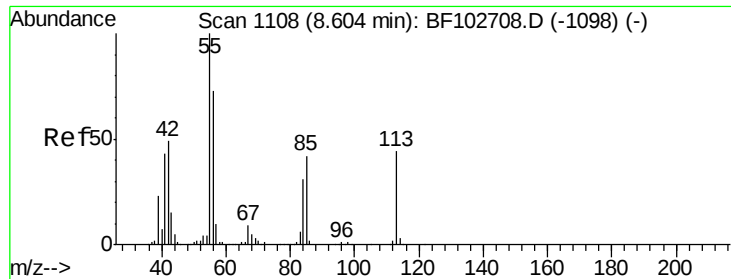
Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

227 63.4 51.9 77.9

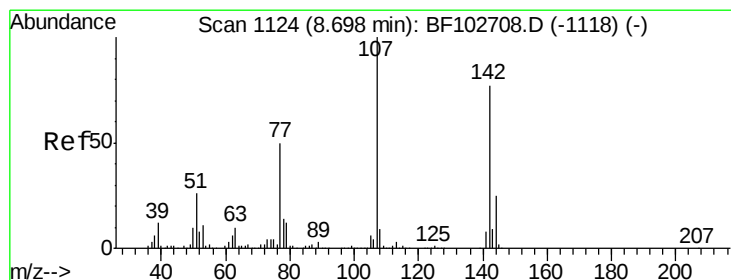
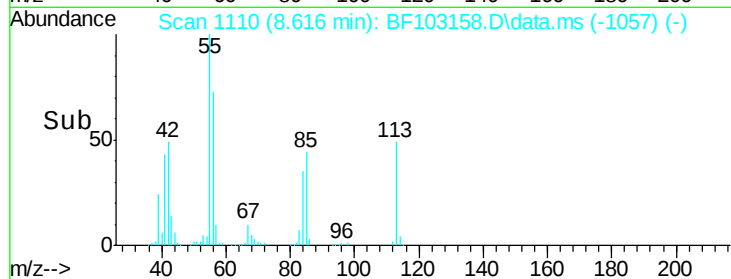
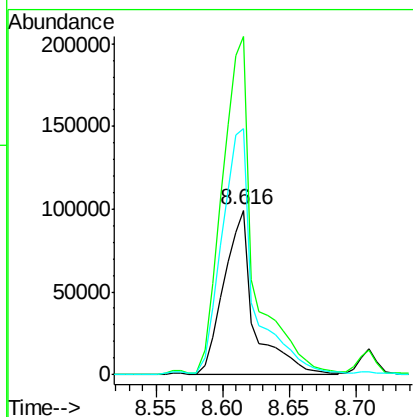
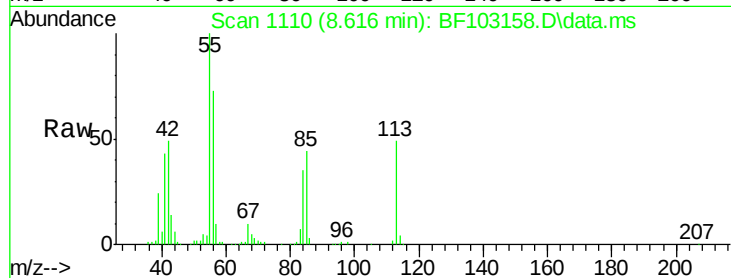




#35
 Caprolactam
 Concen: 54.12 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

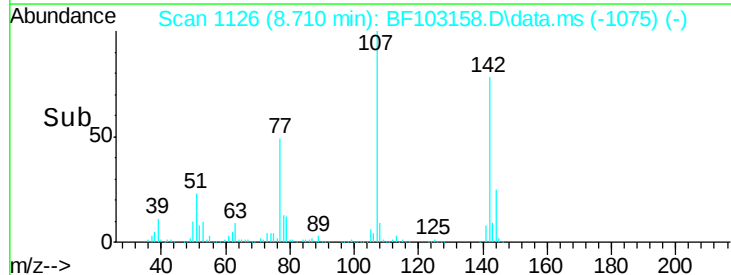
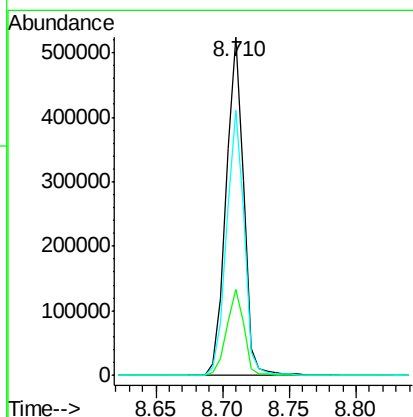
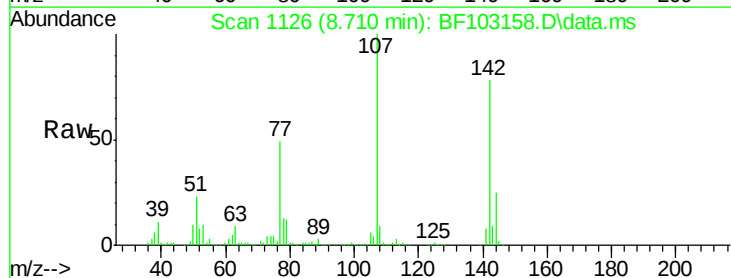
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

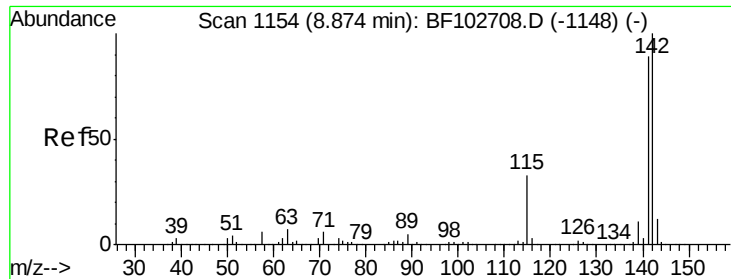
Tot Ion:113 Resp: 159394
 Ion Ratio Lower Upper
 113 100
 55 205.9 163.3 203.3#
 56 150.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 51.38 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion:107 Resp: 489599
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 78.5 62.0 93.0

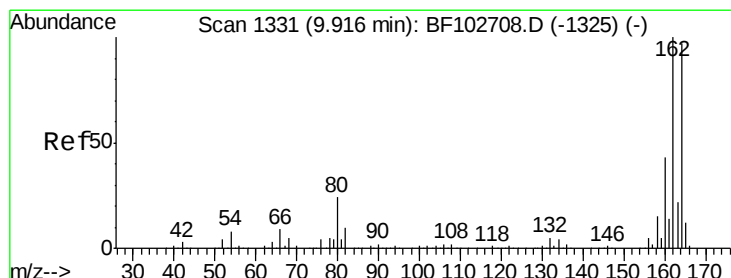
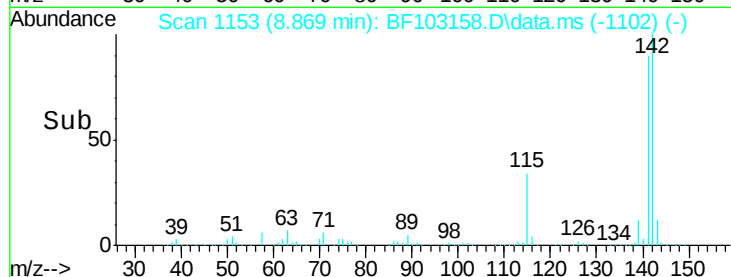
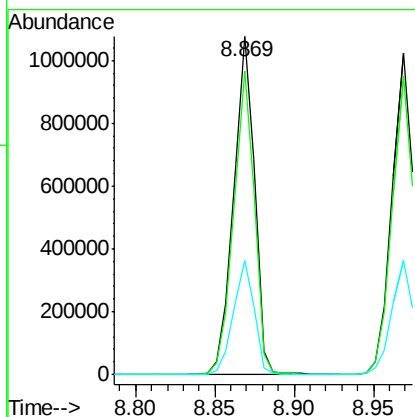
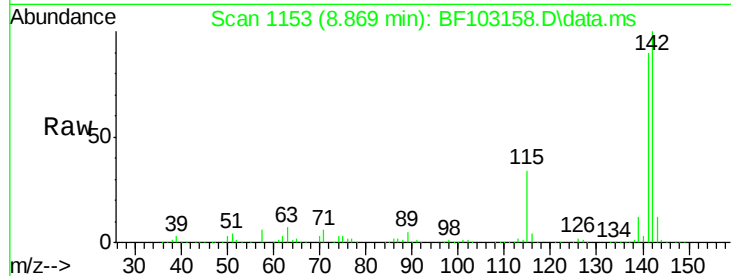




#37
 2-Methylnaphthalene
 Concen: 46.38 ng
 RT: 8.869 min Scan# 1153
 Delta R.T. 0.000 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

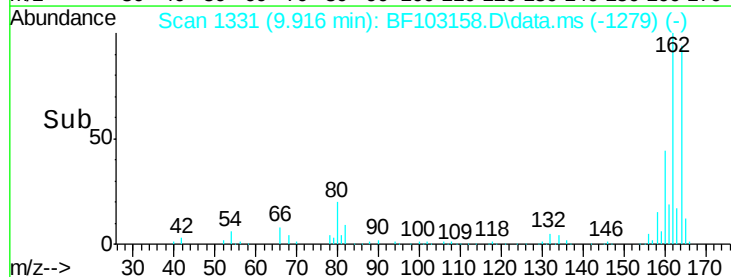
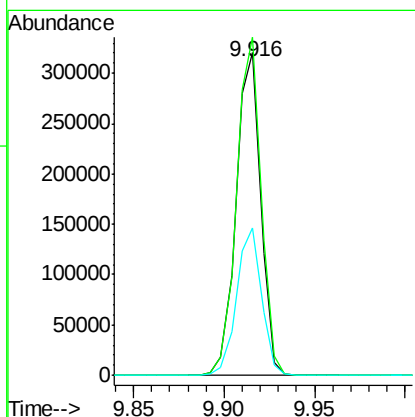
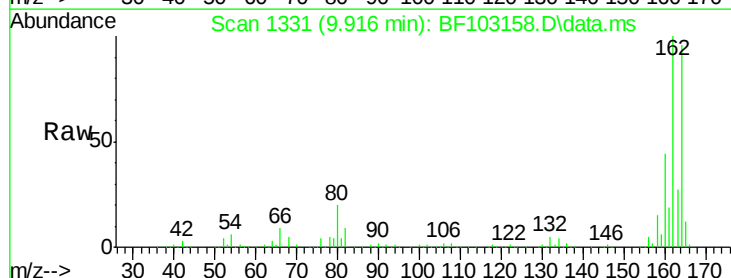
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

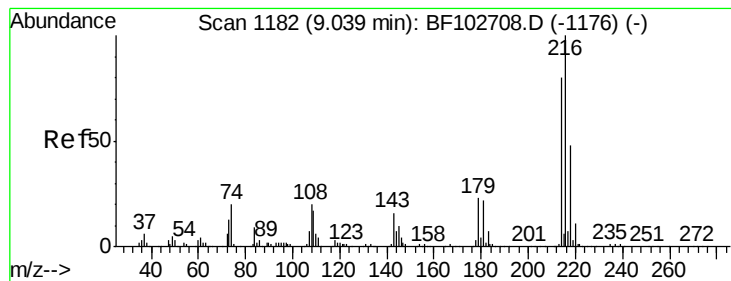
Tot Ion:142 Resp: 987073
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 33.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.916 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion:164 Resp: 302355
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 45.6 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.89 ng

RT: 9.033 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:216 Resp: 394225

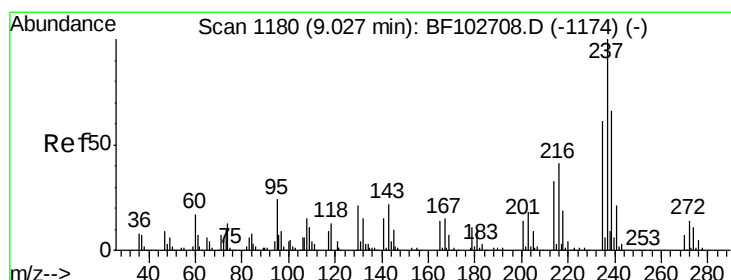
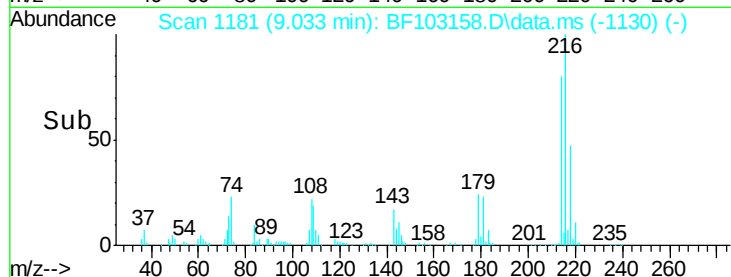
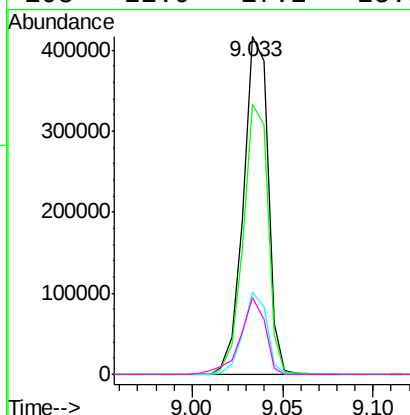
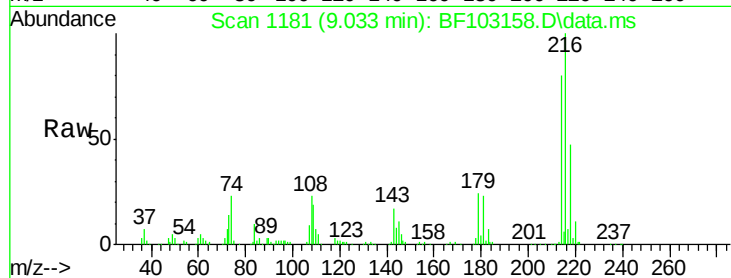
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 23.4 18.1 27.1

108 22.9 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 33.59 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

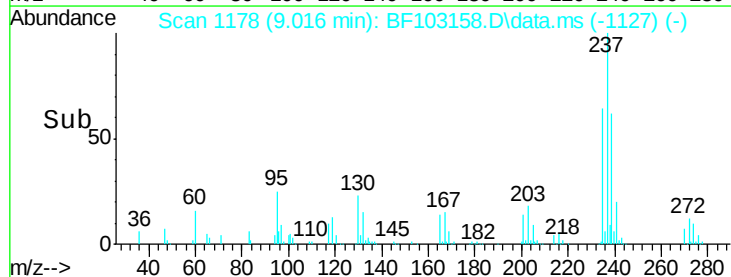
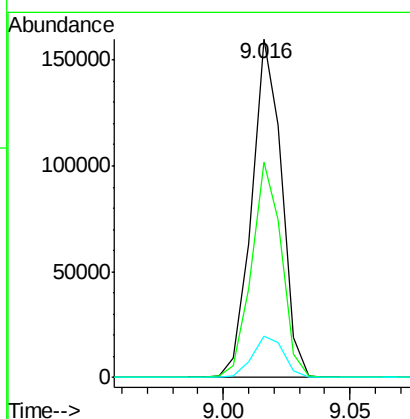
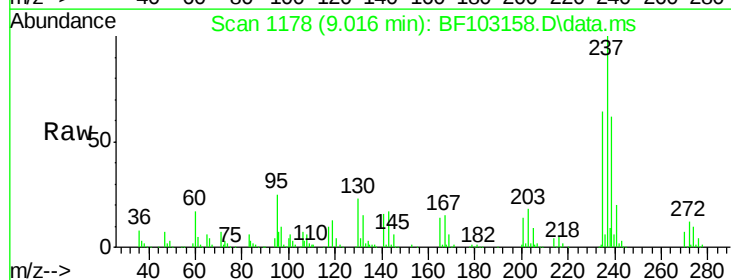
Tgt Ion:237 Resp: 131457

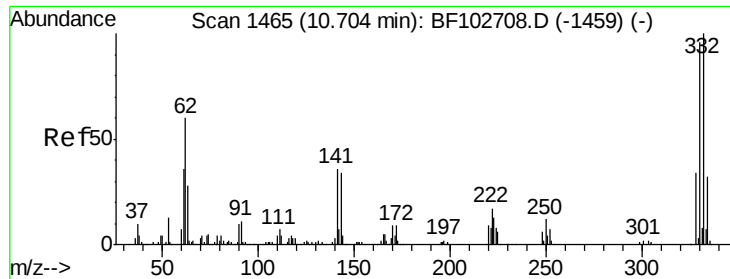
Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

272 12.3 0.0 33.3

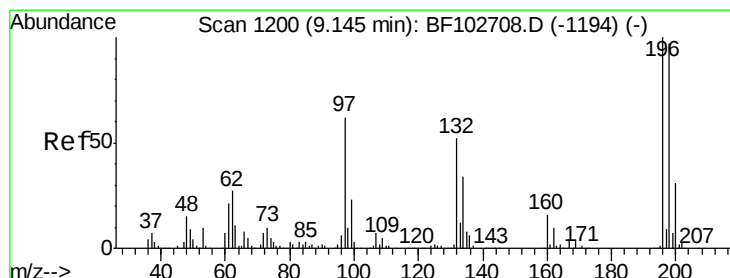
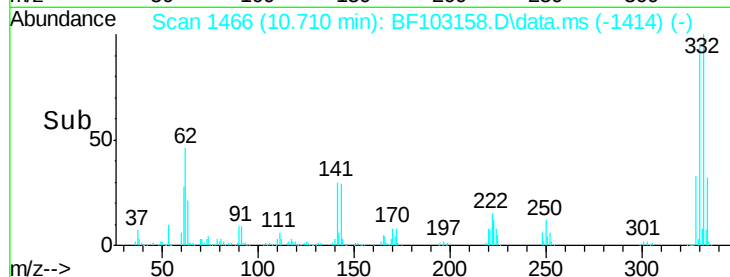
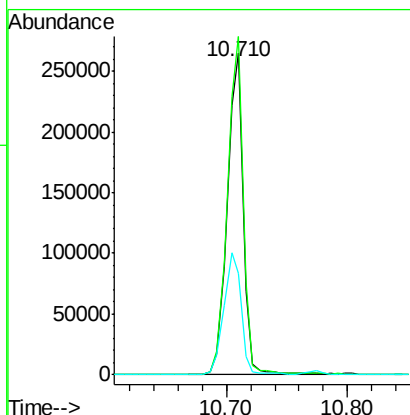
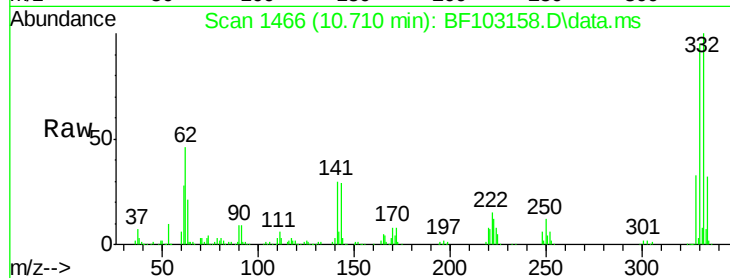




#41
 2,4,6-Tribromophenol
 Concen: 100.17 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

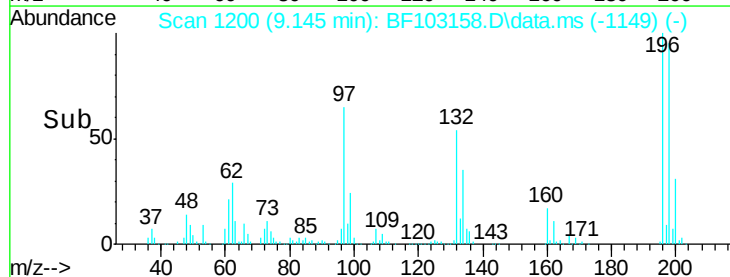
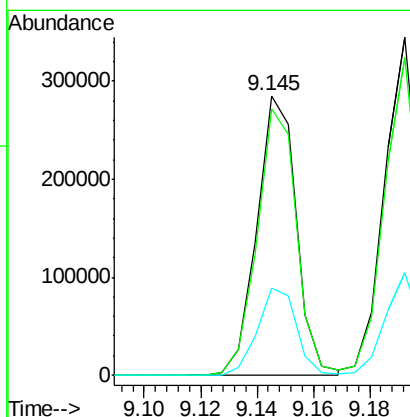
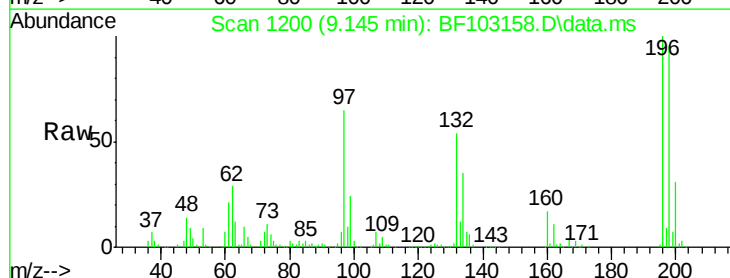
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

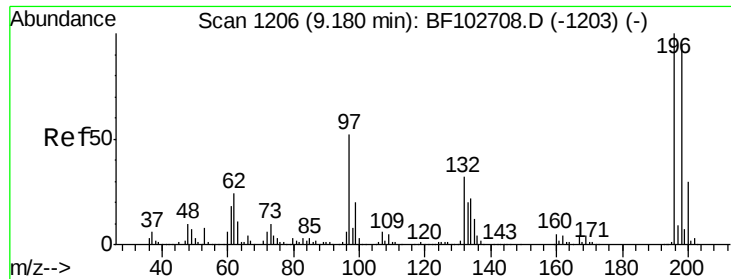
Tot Ion:330 Resp: 243776
 Ion Ratio Lower Upper
 330 100
 332 104.9 77.0 115.6
 141 40.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 50.95 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. 0.000 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion:196 Resp: 275488
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 31.0 24.5 36.7

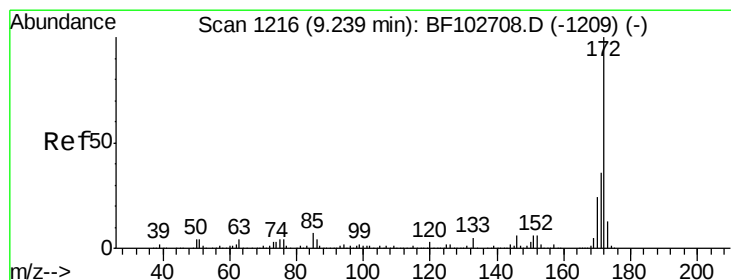
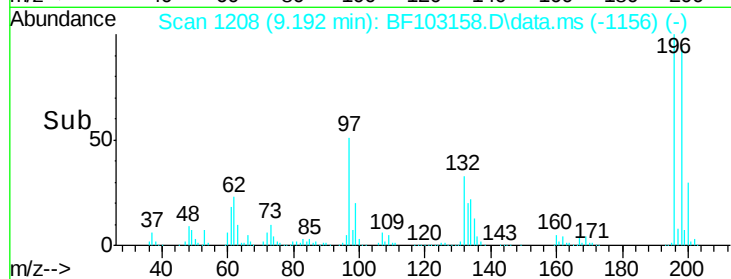
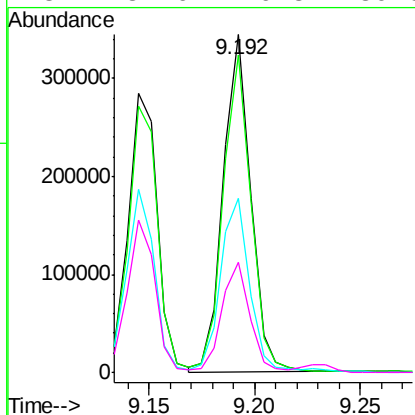
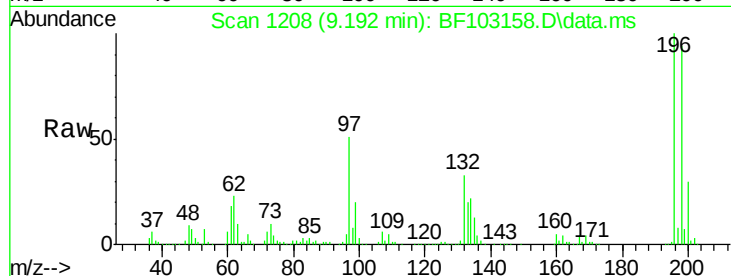




#43
 2,4,5-Trichlorophenol
 Concen: 50.90 ng
 RT: 9.192 min Scan# 1206
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

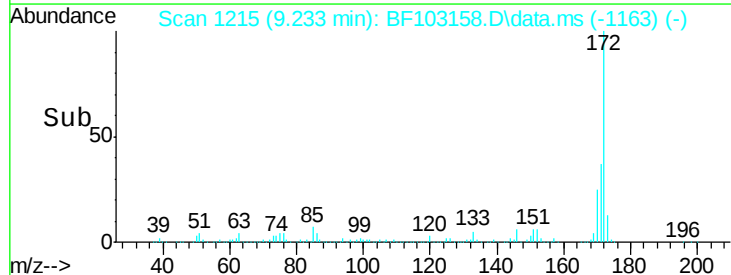
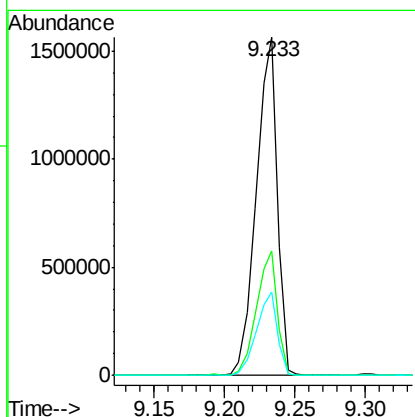
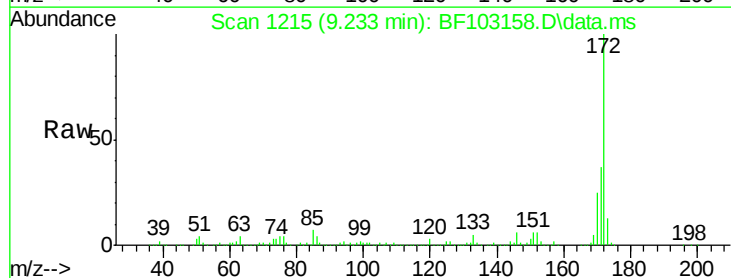
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

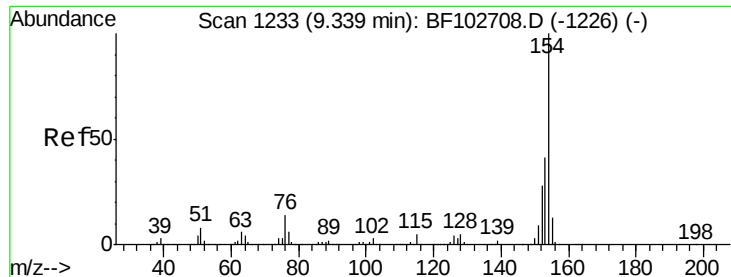
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.6	112.0
97	51.4	42.9	64.3
132	32.6	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 90.47 ng
 RT: 9.233 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 46.49 ng

RT: 9.333 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

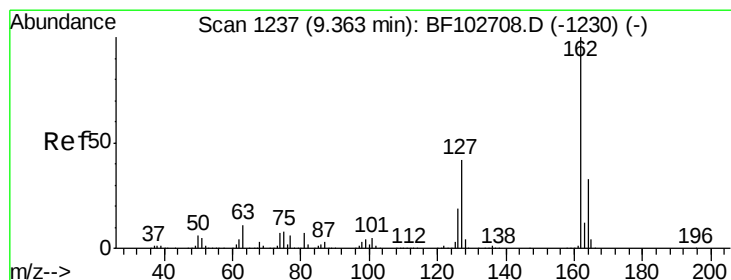
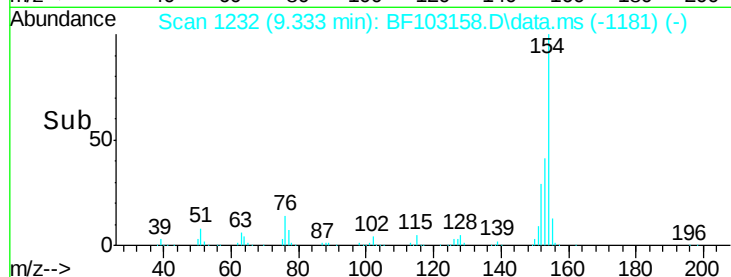
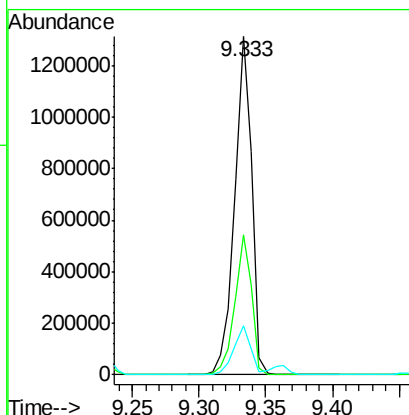
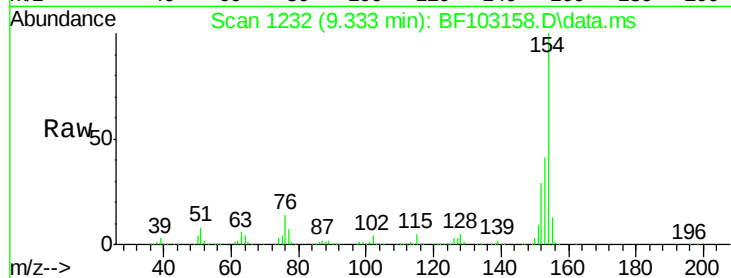
Tot Ion:154 Resp: 1183962

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

76 14.4 0.0 34.0



#46

2-Chloronaphthalene

Concen: 47.48 ng

RT: 9.363 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

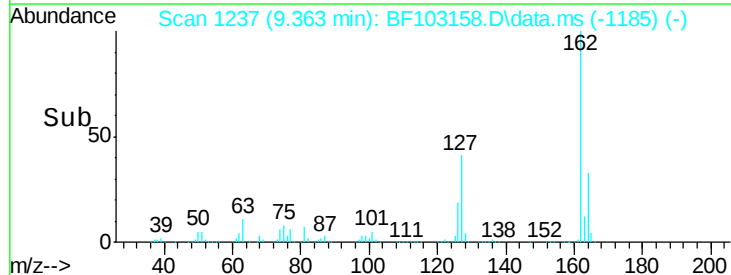
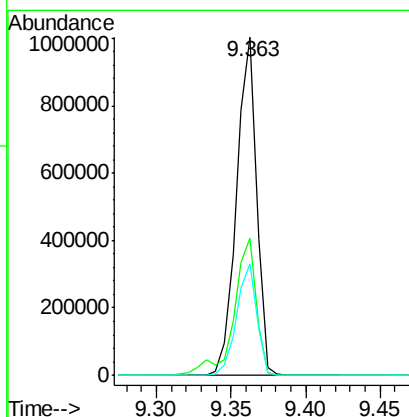
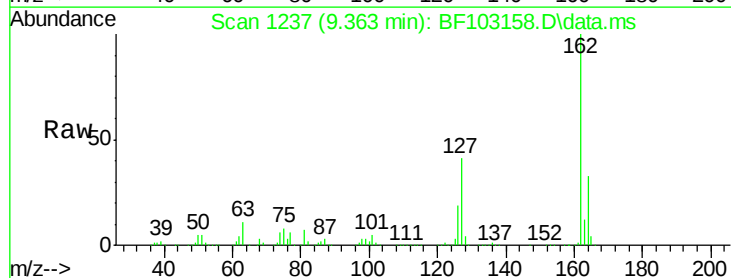
Tgt Ion:162 Resp: 951850

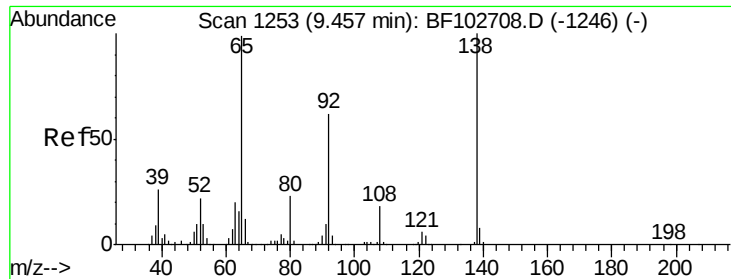
Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

164 33.0 26.5 39.7

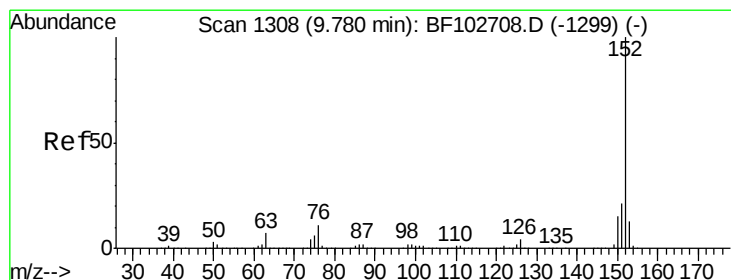
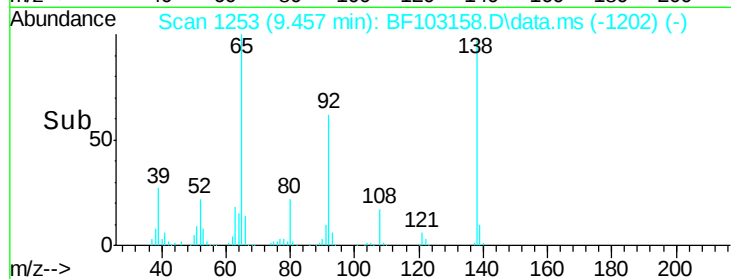
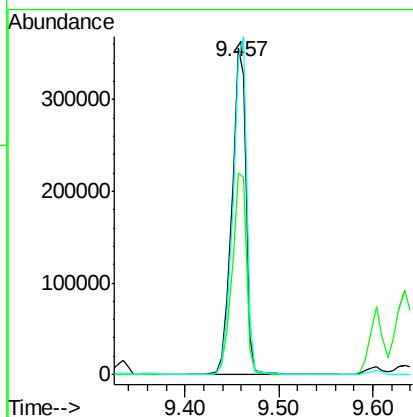
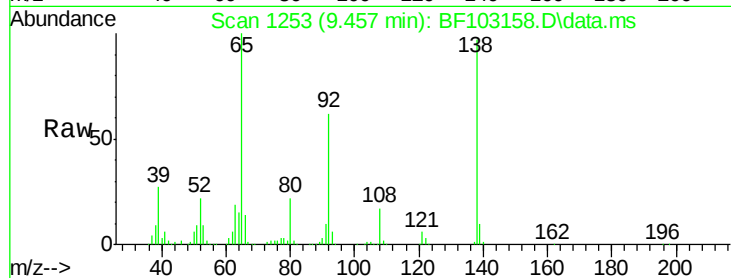




#47
2-Nitroaniline
Concen: 72.70 ng
RT: 9.457 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

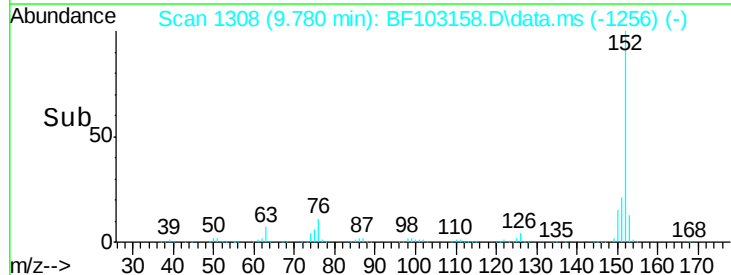
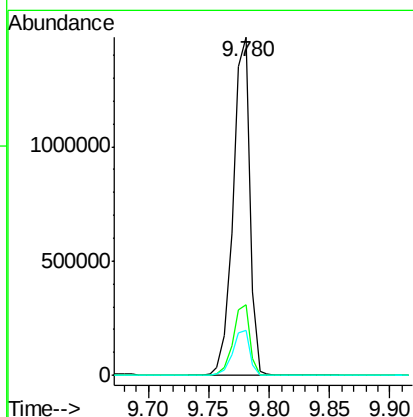
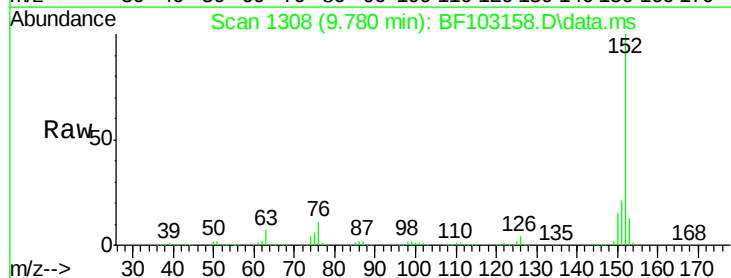
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

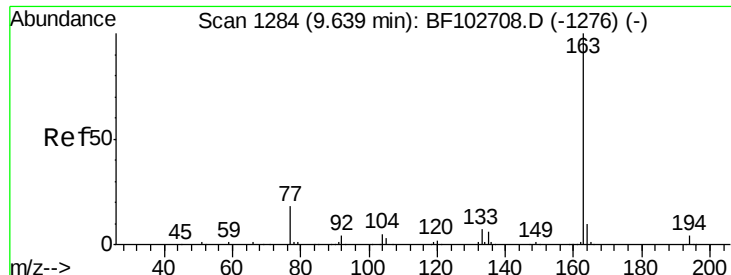
Tot Ion: 65 Resp: 371846
Ion Ratio Lower Upper
65 100
92 61.7 55.8 83.6
138 97.1 91.2 136.8



#48
Acenaphthylene
Concen: 45.96 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

Tgt Ion: 152 Resp: 1431055
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 49.76 ng

RT: 9.633 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

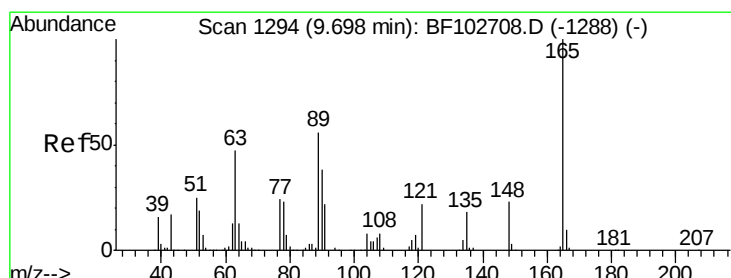
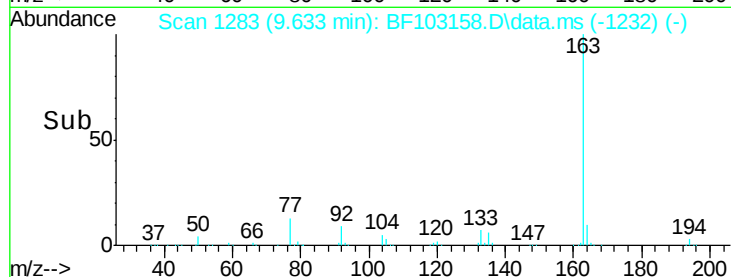
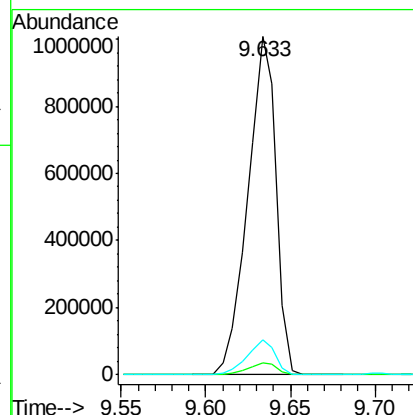
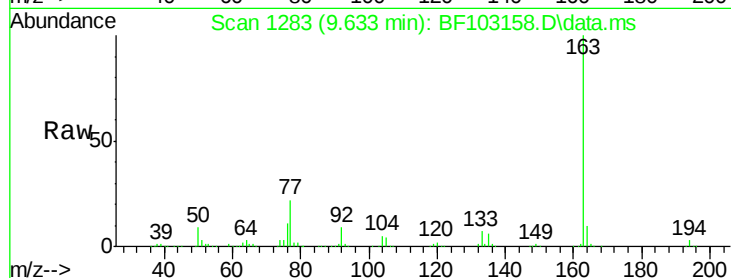
Tot Ion:163 Resp: 1173100

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

164 10.3 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 56.73 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

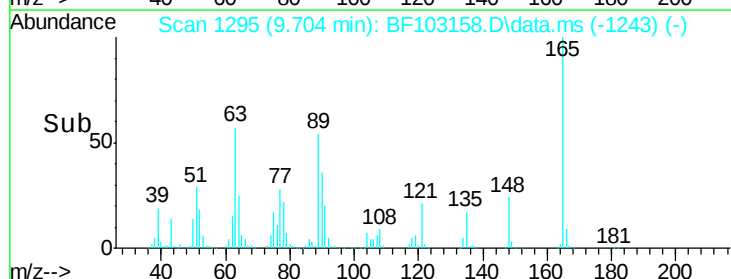
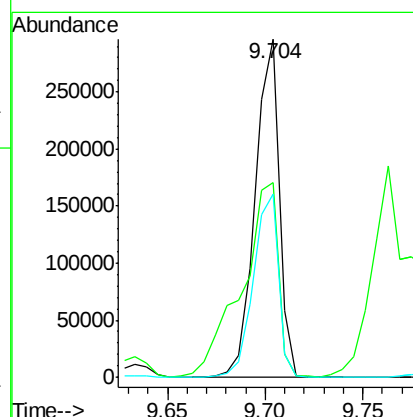
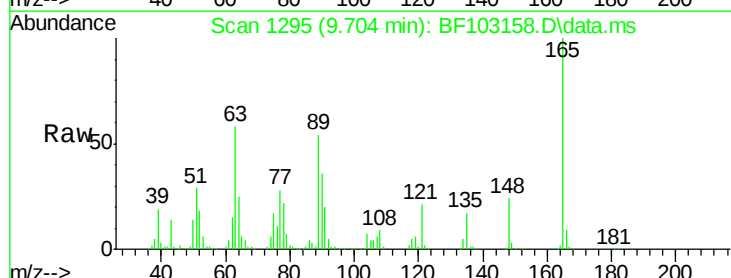
Tgt Ion:165 Resp: 254452

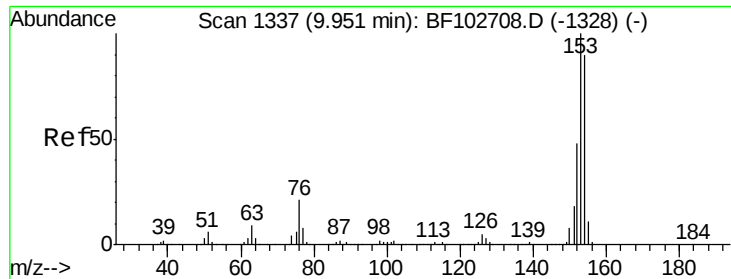
Ion Ratio Lower Upper

165 100

63 57.5 44.7 67.1

89 54.2 44.0 66.0





#51

Acenaphthene

Concen: 45.06 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

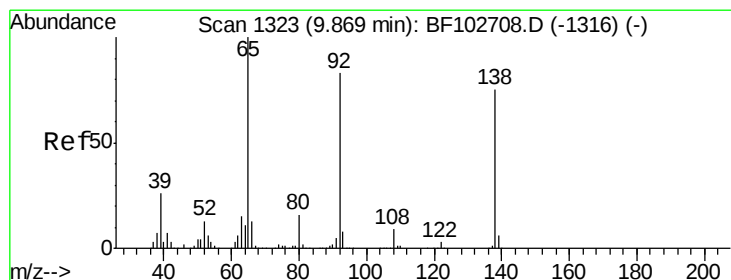
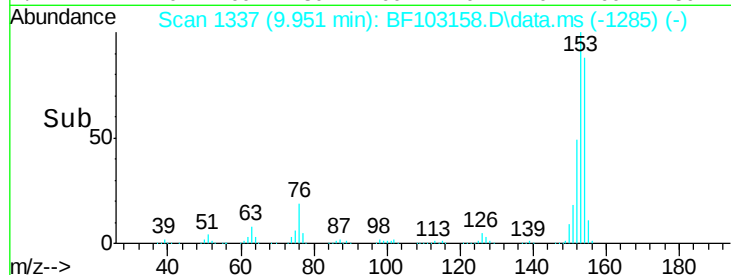
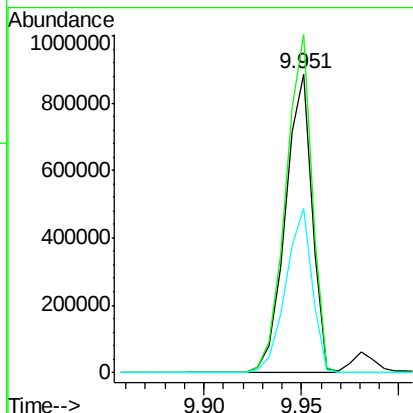
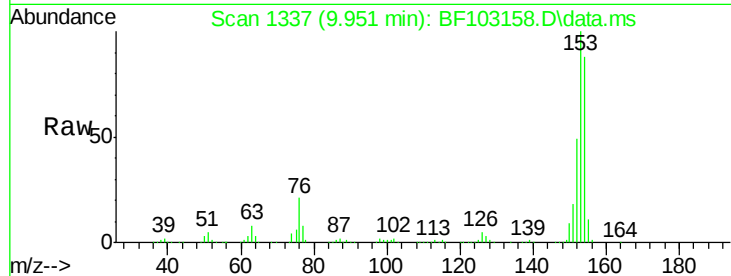
Tot Ion:154 Resp: 839118

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

152 55.0 43.8 65.8



#52

3-Nitroaniline

Concen: 58.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

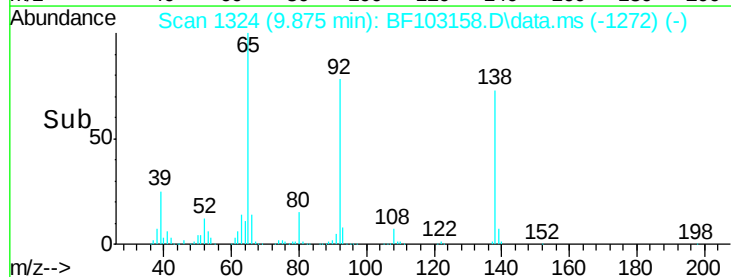
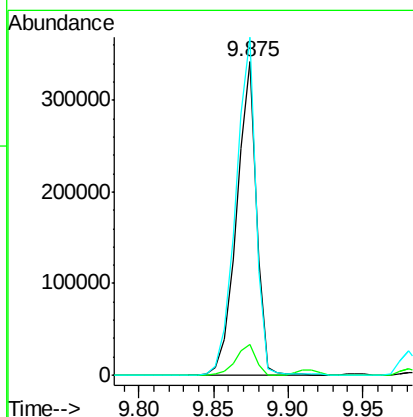
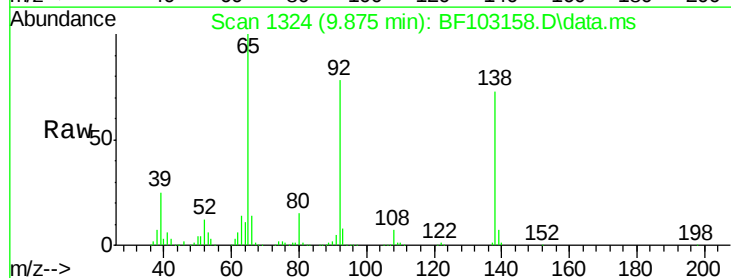
Tgt Ion:138 Resp: 320074

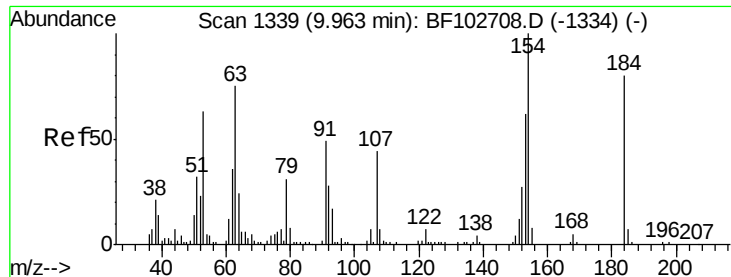
Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

92 107.5 89.4 134.2





#53

2,4-Dinitrophenol

Concen: 88.64 ng

RT: 9.980 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

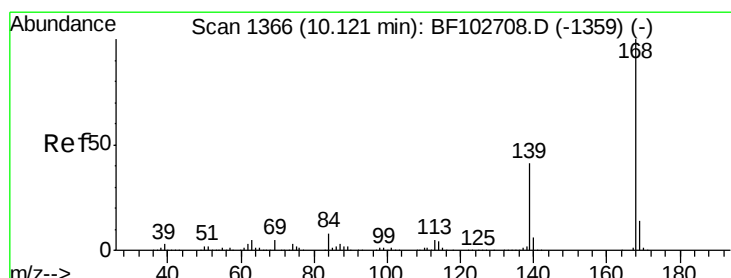
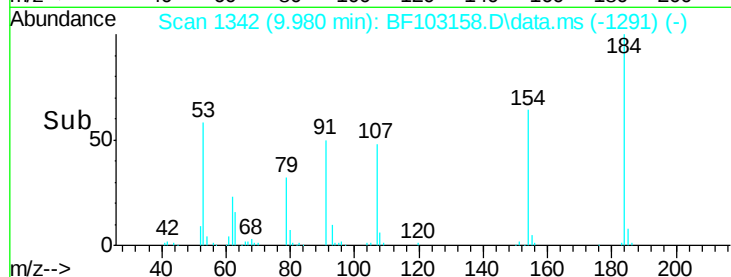
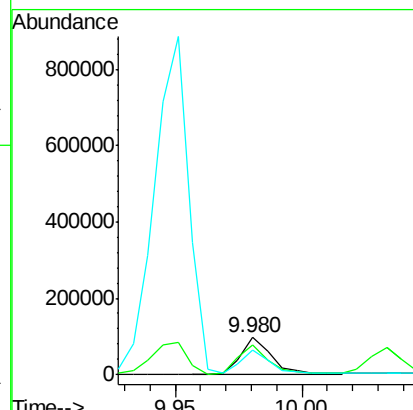
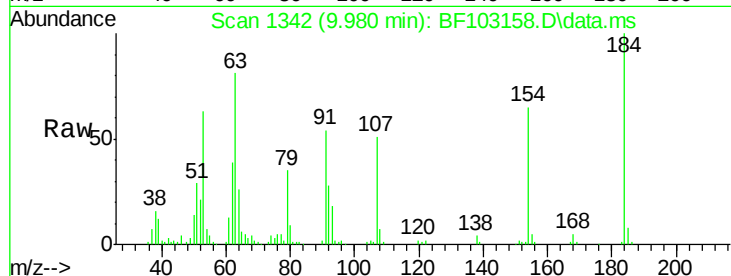
Tot Ion:184 Resp: 84036

Ion Ratio Lower Upper

184 100

63 81.3 54.2 81.2#

154 64.7 184.0 276.0#



#54

Dibenzofuran

Concen: 44.75 ng

RT: 10.122 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

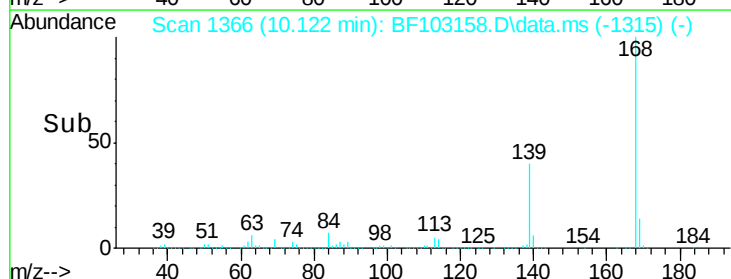
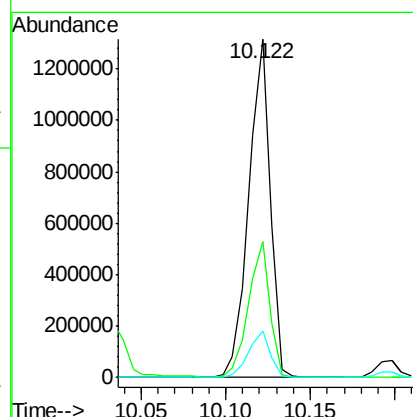
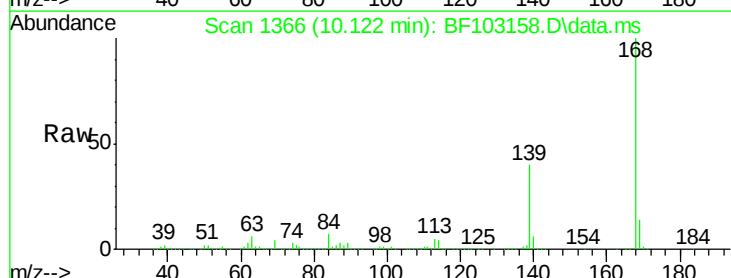
Tgt Ion:168 Resp: 1174330

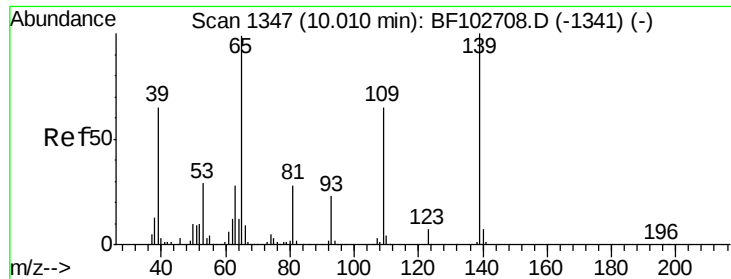
Ion Ratio Lower Upper

168 100

139 40.1 30.1 45.1

169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 49.82 ng

RT: 10.033 min Scan# 13

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

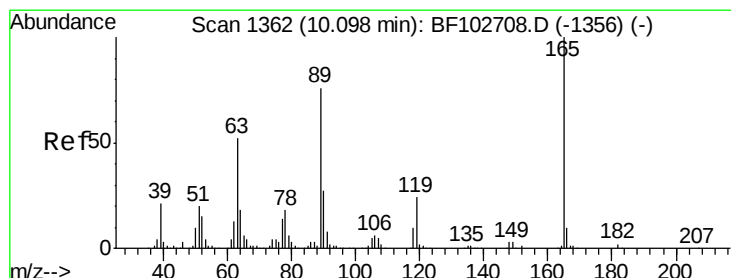
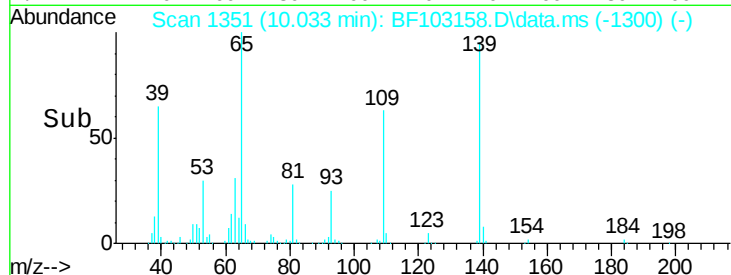
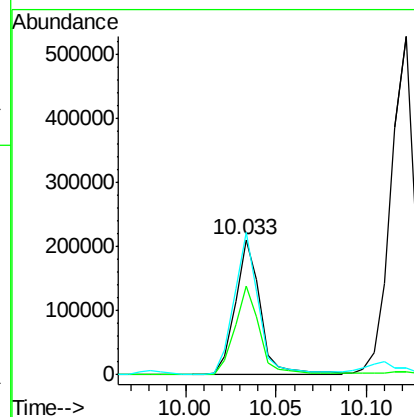
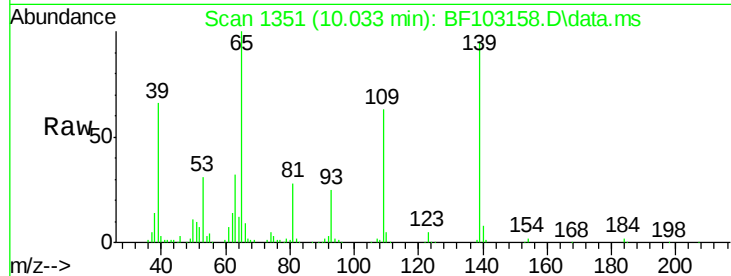
Tot Ion:139 Resp: 202386

Ion Ratio Lower Upper

139 100

109 66.0 48.4 88.4

65 105.5 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 64.83 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Tgt Ion:165 Resp: 320870

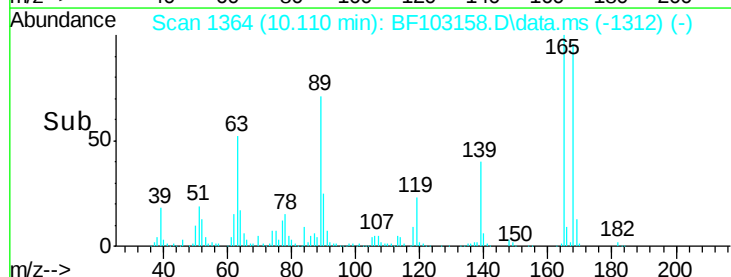
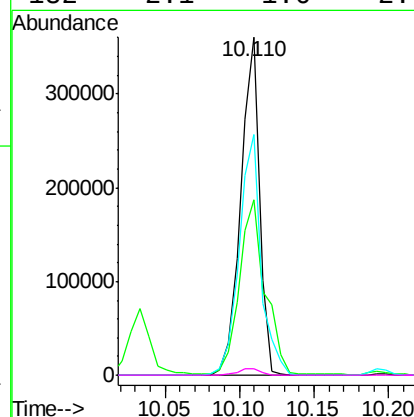
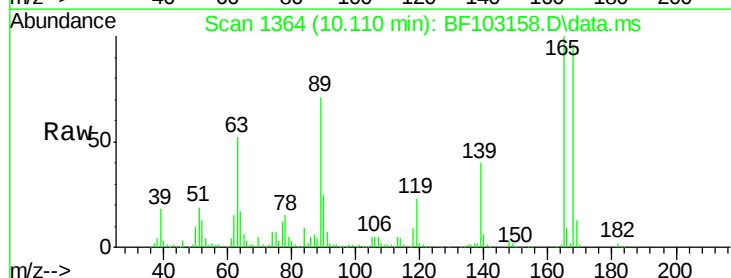
Ion Ratio Lower Upper

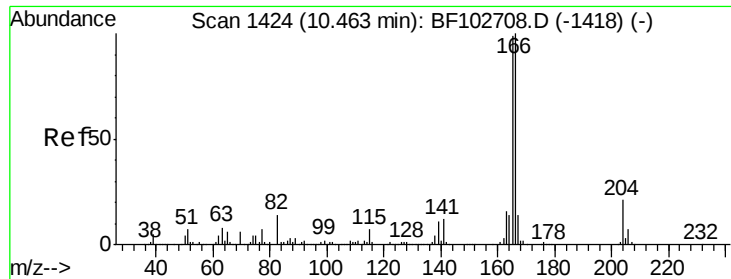
165 100

63 51.8 36.4 54.6

89 71.2 57.8 86.6

182 2.1 1.6 2.4

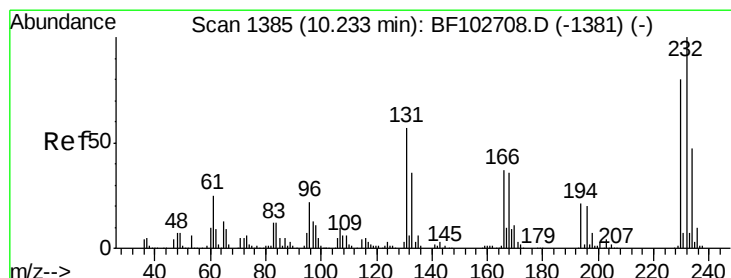
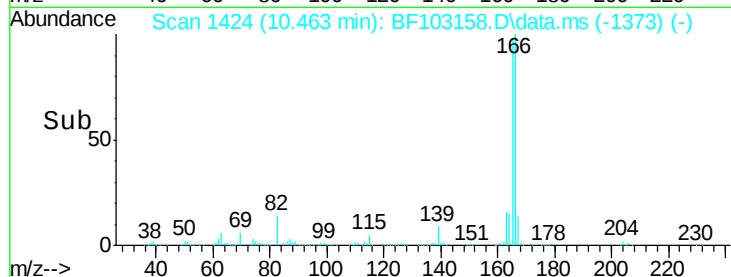
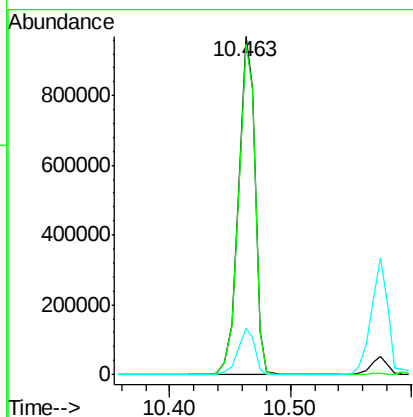
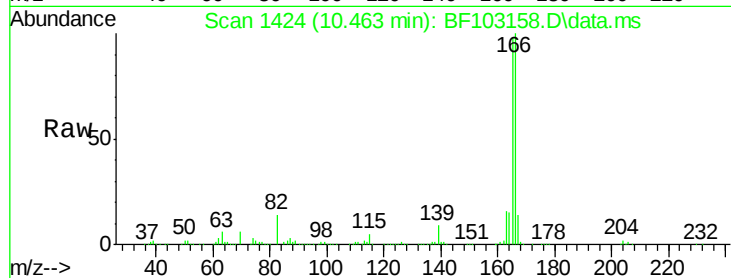




#57
Fluorene
 Concen: 48.57 ng
 RT: 10.463 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

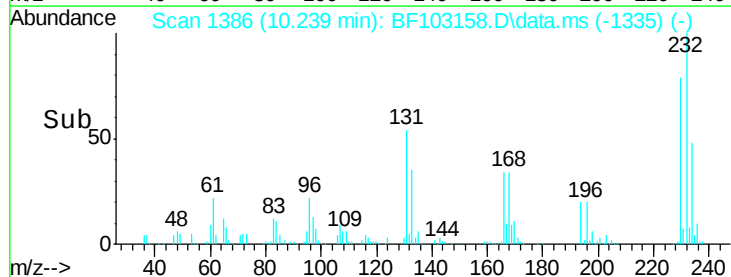
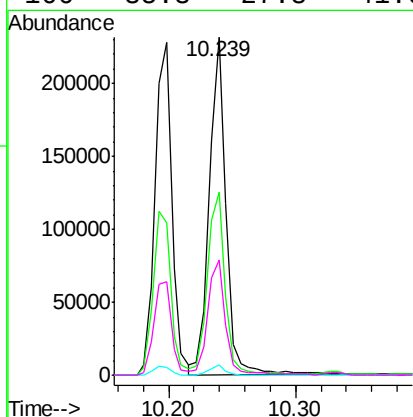
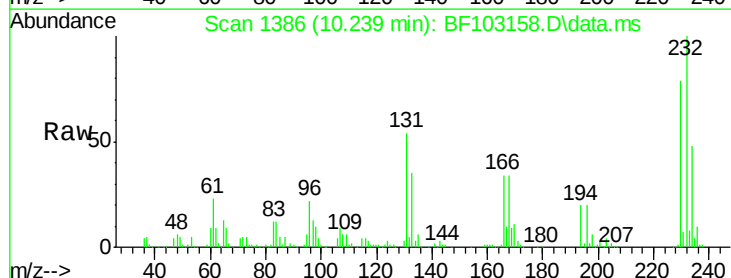
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

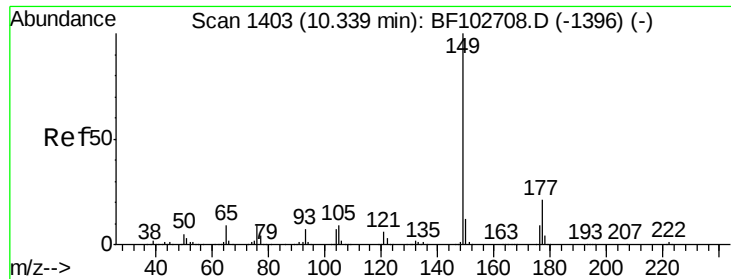
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.8	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.85 ng
 RT: 10.239 min Scan# 1386
 Delta R.T. 0.000 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.0	43.8	65.8
130	2.7	2.1	3.1
166	35.3	27.8	41.6

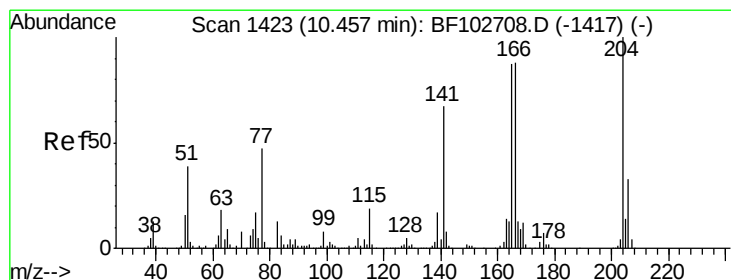
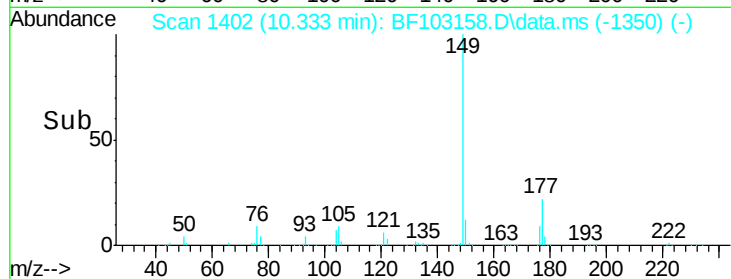
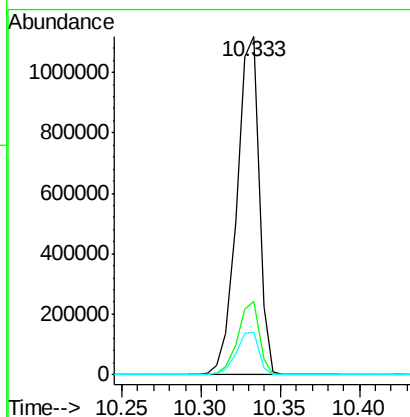
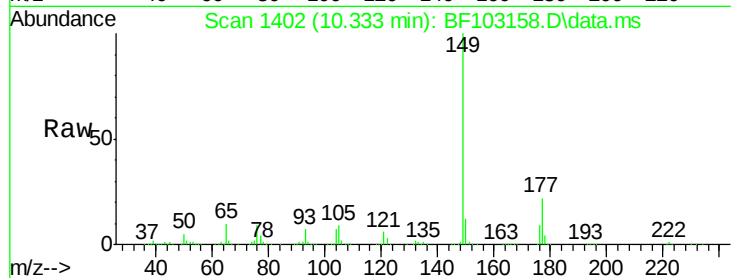




#59
Diethylphthalate
Concen: 46.72 ng
RT: 10.333 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

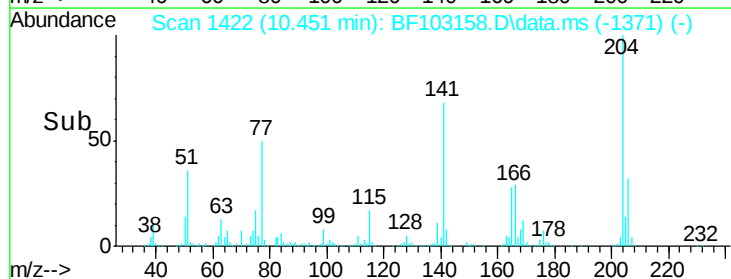
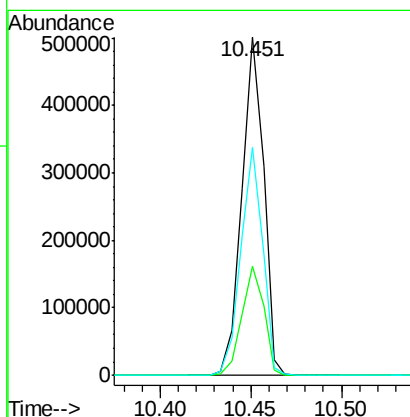
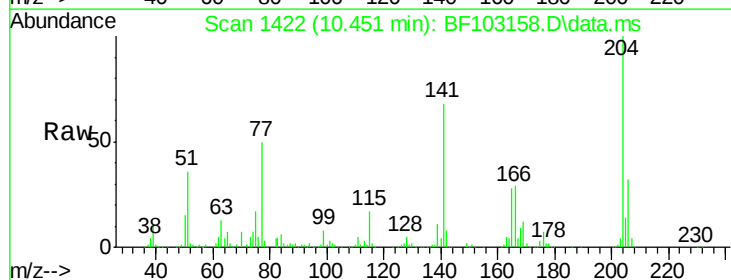
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

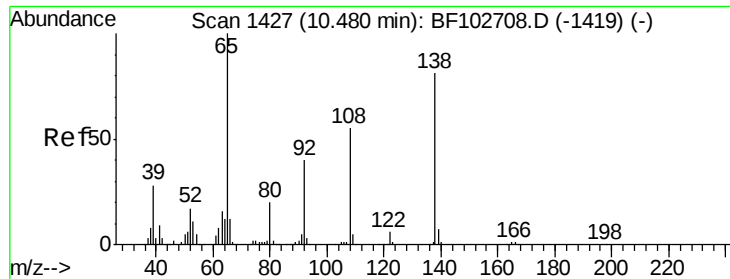
Tot Ion:149 Resp: 1087617
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 49.55 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

Tgt Ion:204 Resp: 418553
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 67.6 54.6 81.8

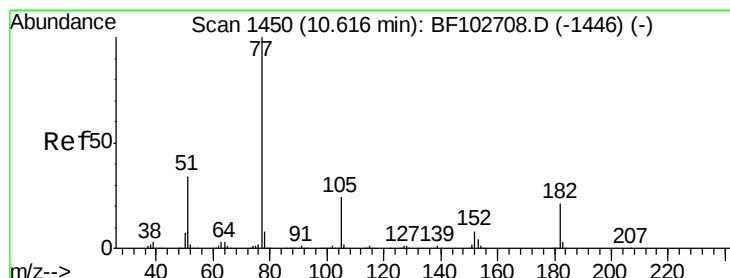
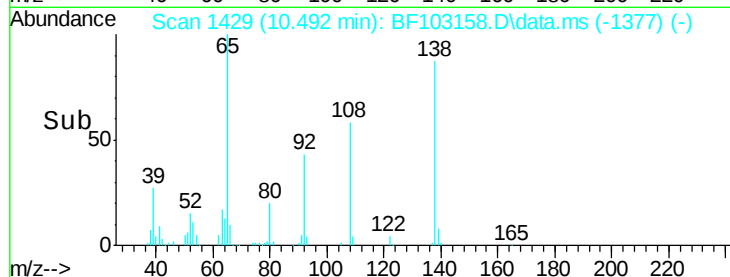
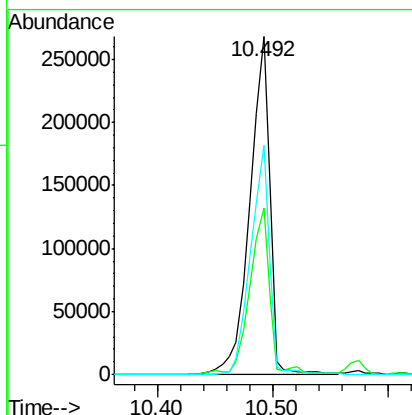
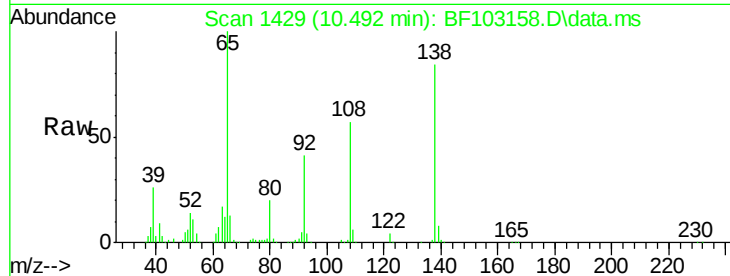




#61
4-Nitroaniline
Concen: 61.31 ng
RT: 10.492 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

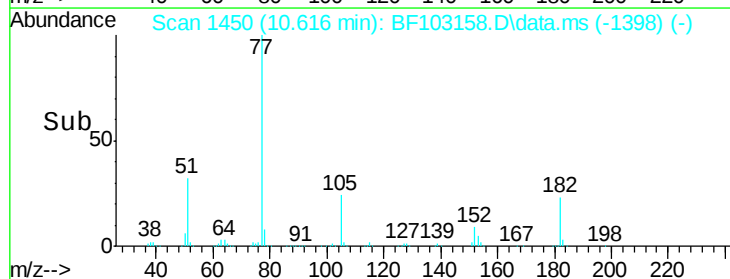
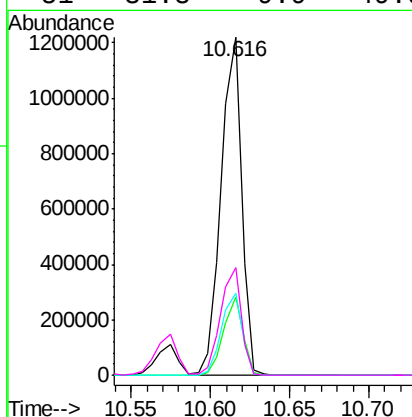
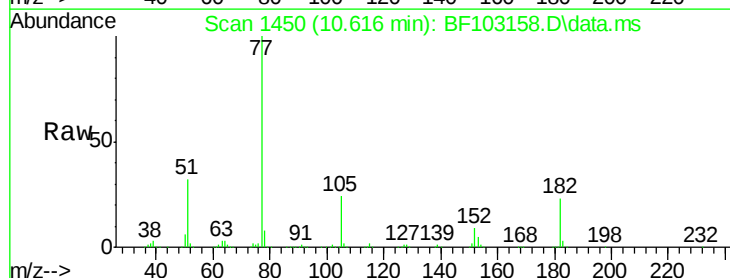
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

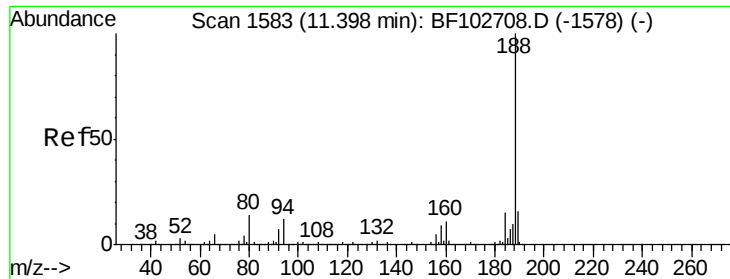
Tot Ion:138 Resp: 322077
Ion Ratio Lower Upper
138 100
92 49.2 30.2 70.2
108 67.8 52.5 92.5



#62
Azobenzene
Concen: 47.39 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

Tgt Ion: 77 Resp: 1102102
Ion Ratio Lower Upper
77 100
182 23.1 1.7 41.7
105 24.4 3.0 43.0
51 31.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.404 min Scan# 15

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

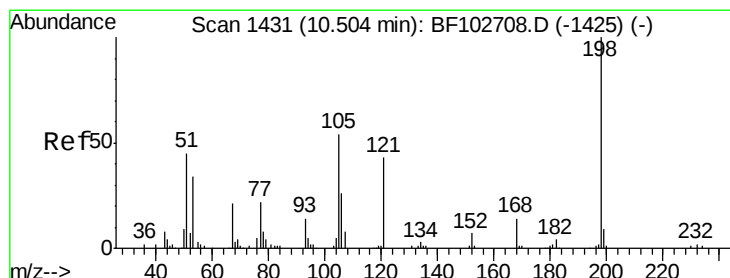
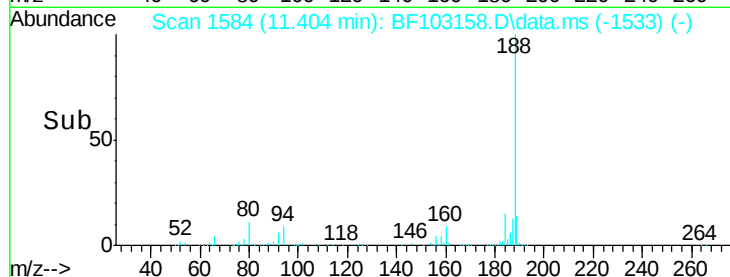
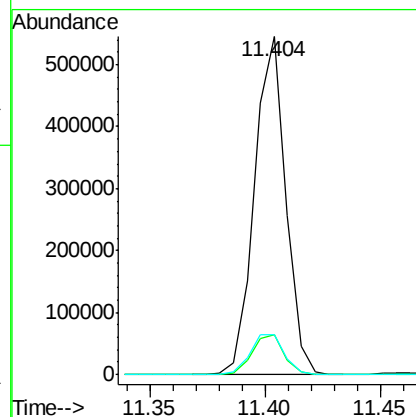
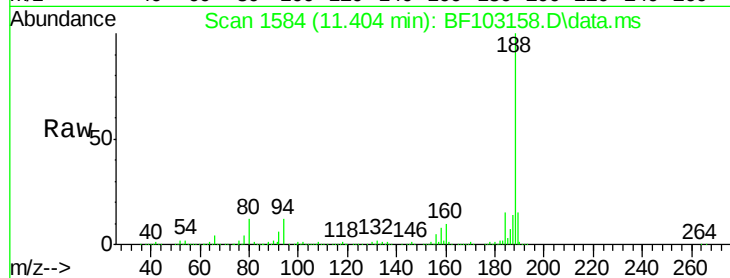
Tot Ion:188 Resp: 516856

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

80 11.8 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 84.71 ng

RT: 10.522 min Scan# 1434

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

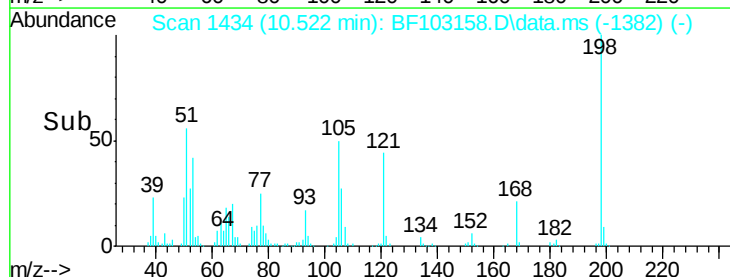
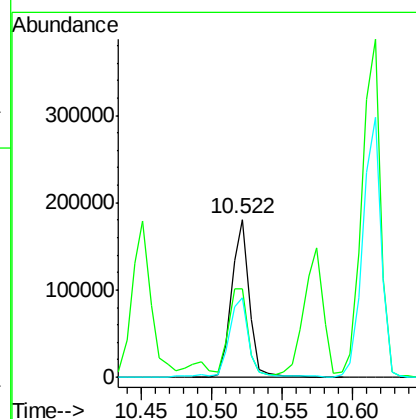
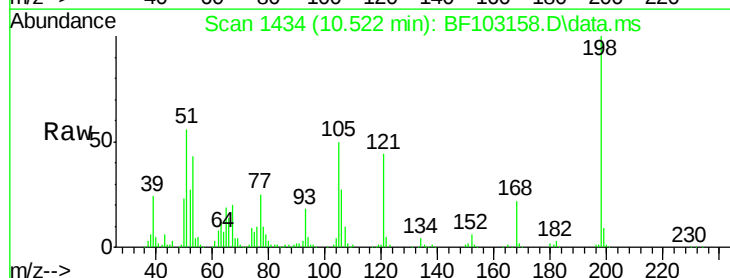
Tgt Ion:198 Resp: 157729

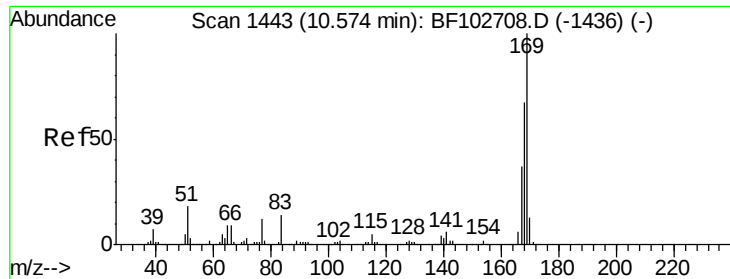
Ion Ratio Lower Upper

198 100

51 55.8 37.7 77.7

105 50.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 47.01 ng

RT: 10.575 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

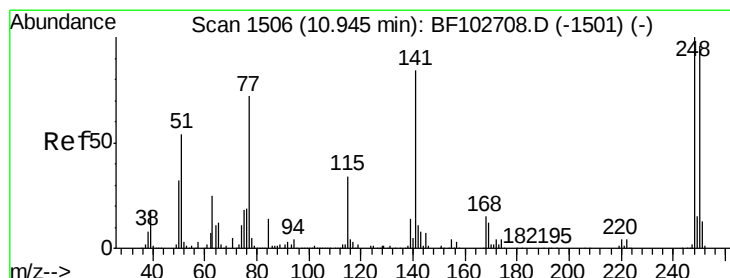
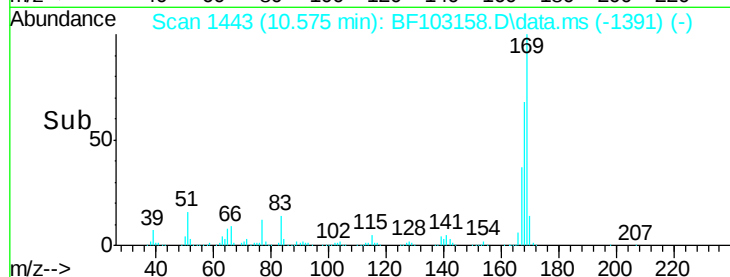
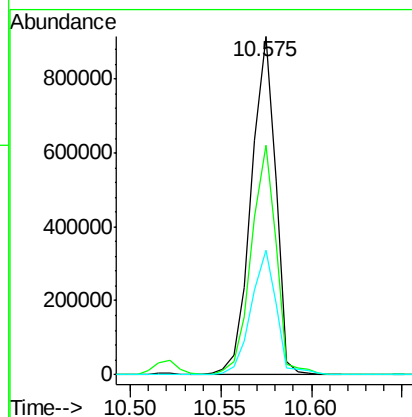
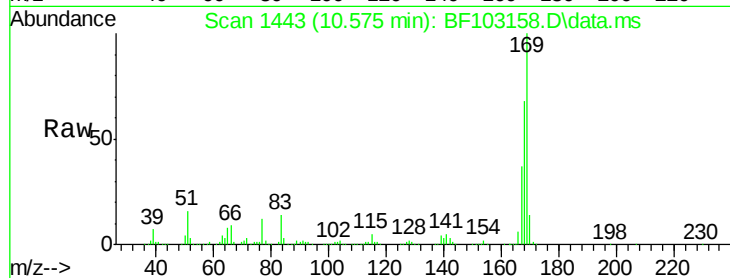
Tot Ion:169 Resp: 857131

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

167 36.7 29.8 44.6



#66

4-Bromophenyl-phenylether

Concen: 47.63 ng

RT: 10.945 min Scan# 1506

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

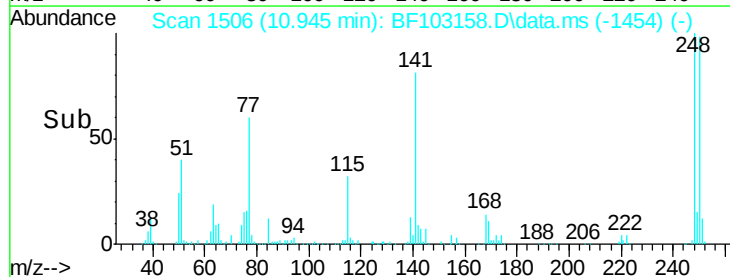
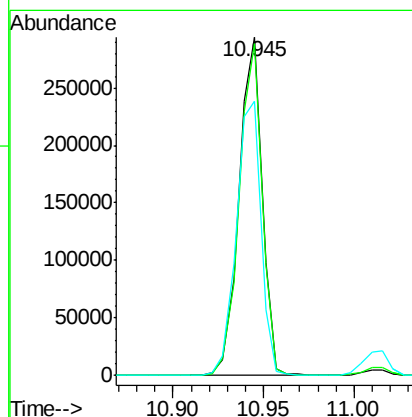
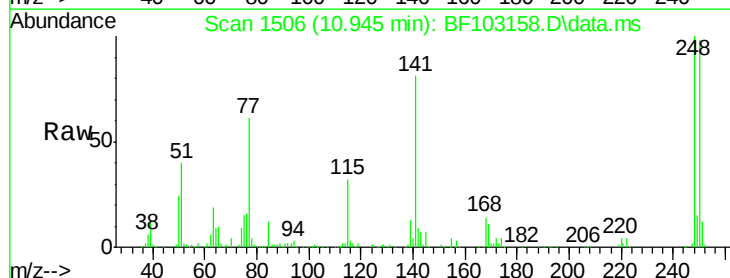
Tgt Ion:248 Resp: 260415

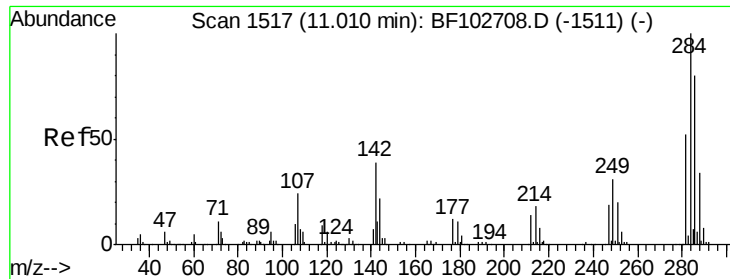
Ion Ratio Lower Upper

248 100

250 98.0 76.9 115.3

141 81.0 74.4 111.6

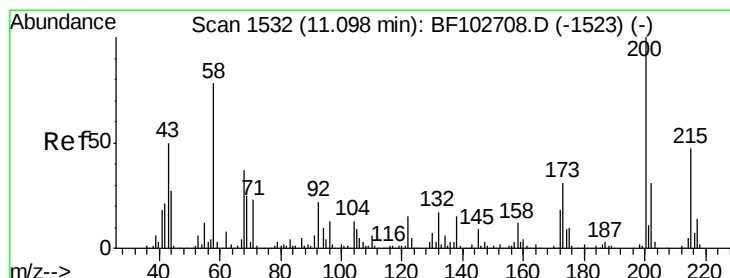
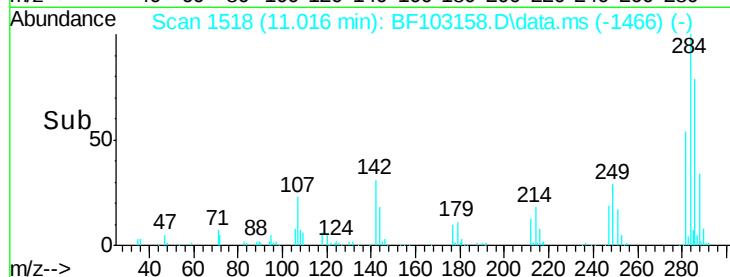
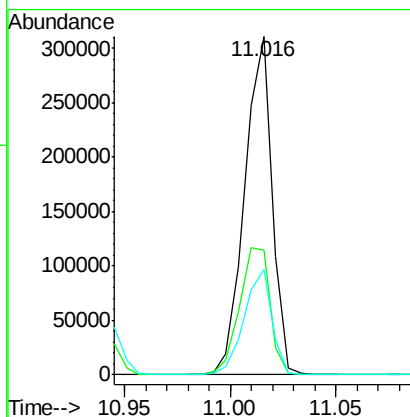
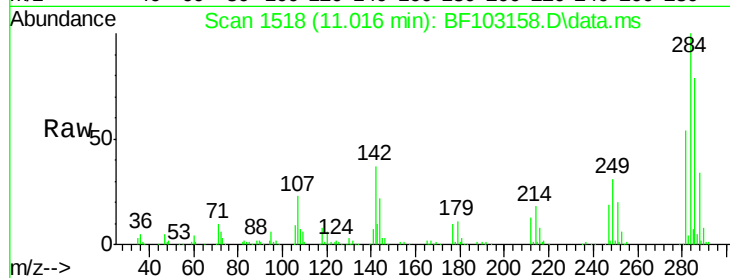




#67
Hexachlorobenzene
Concen: 46.57 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

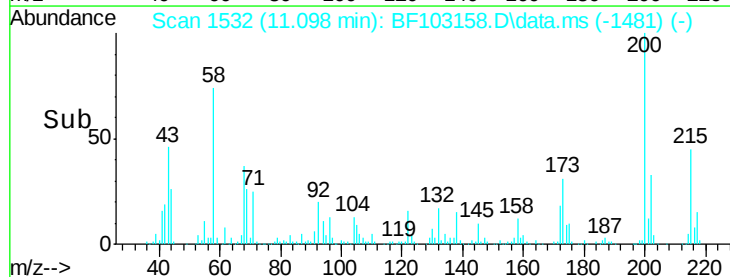
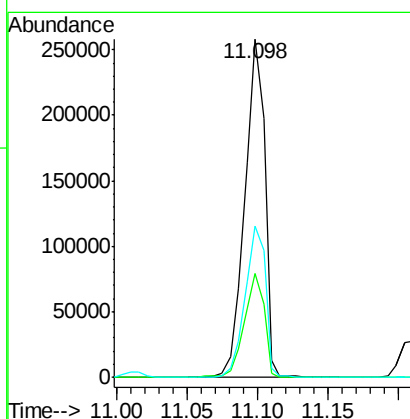
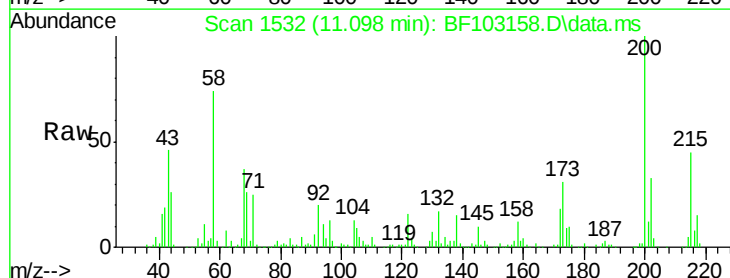
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

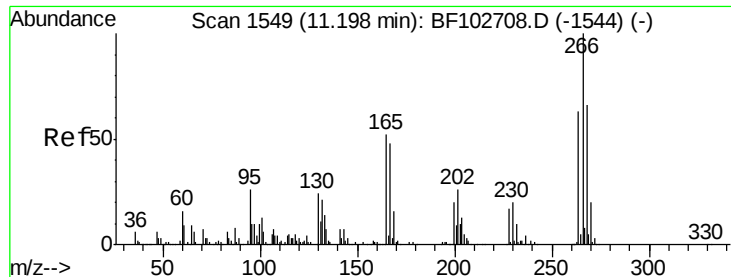
Tot Ion:284 Resp: 280886
Ion Ratio Lower Upper
284 100
142 36.8 34.6 52.0
249 31.1 24.8 37.2



#68
Atrazine
Concen: 47.54 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

Tgt Ion:200 Resp: 255712
Ion Ratio Lower Upper
200 100
173 30.7 8.6 48.6
215 44.6 25.1 65.1





#69

Pentachlorophenol

Concen: 43.29 ng

RT: 11.210 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

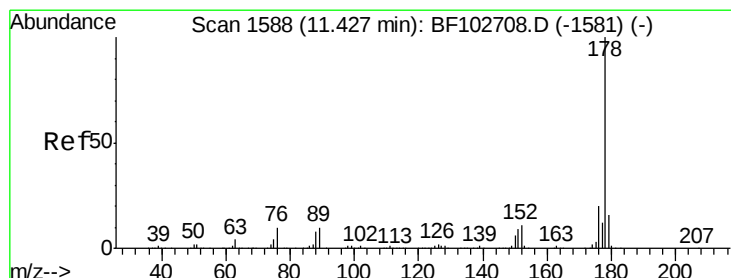
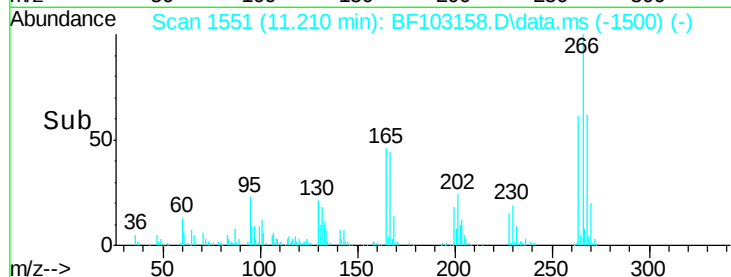
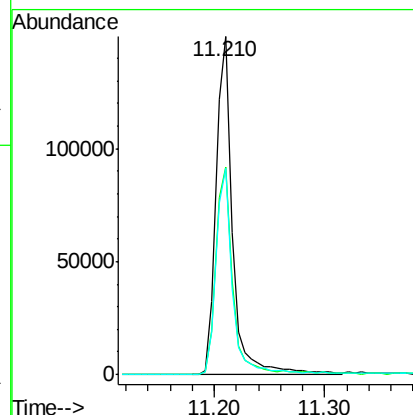
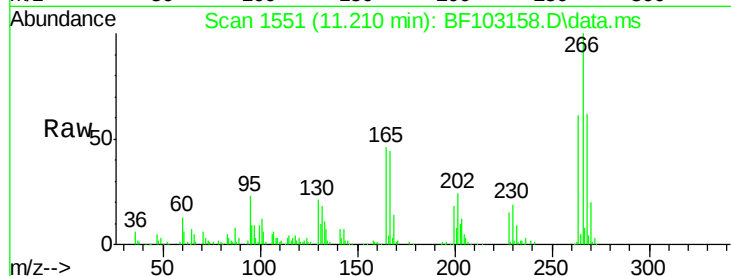
Tot Ion:266 Resp: 153273

Ion Ratio Lower Upper

266 100

268 61.5 51.1 76.7

264 60.9 49.5 74.3



#70

Phenanthrene

Concen: 46.15 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

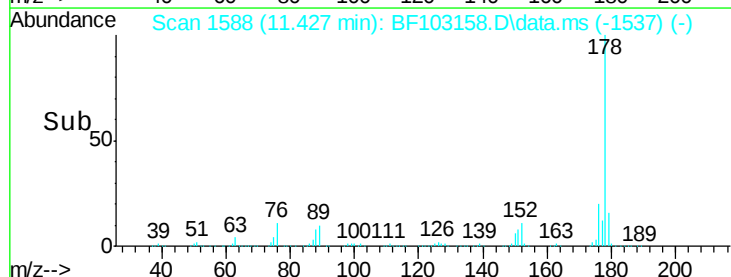
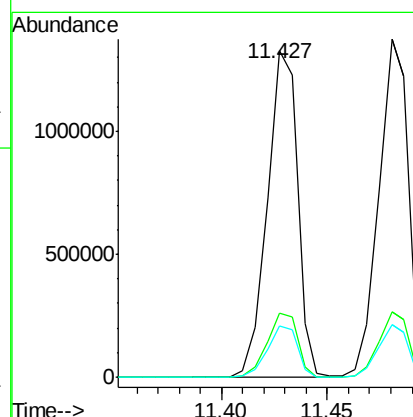
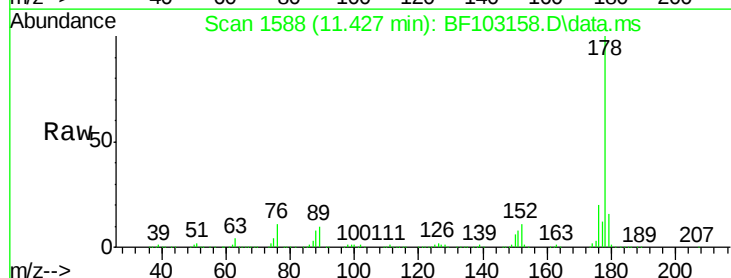
Tgt Ion:178 Resp: 1328383

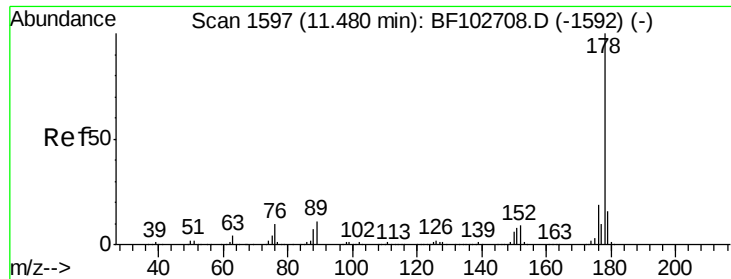
Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

179 15.7 13.0 19.6

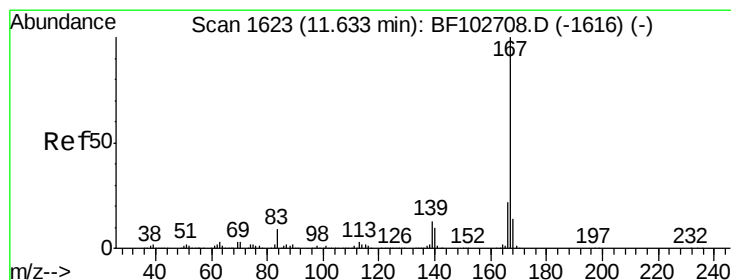
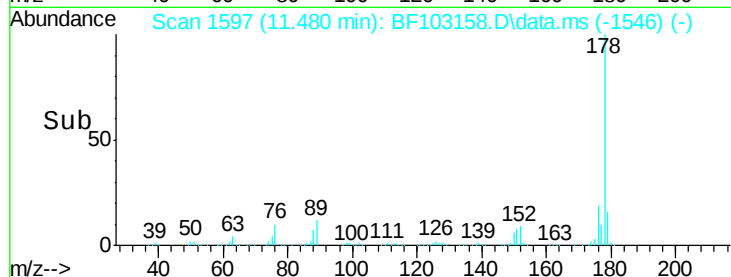
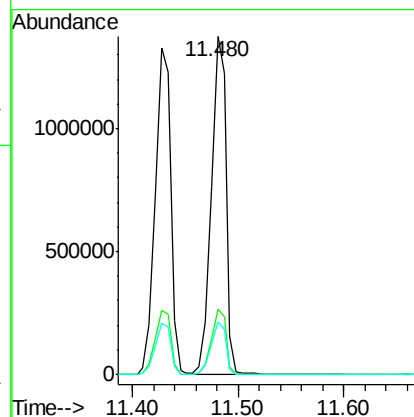
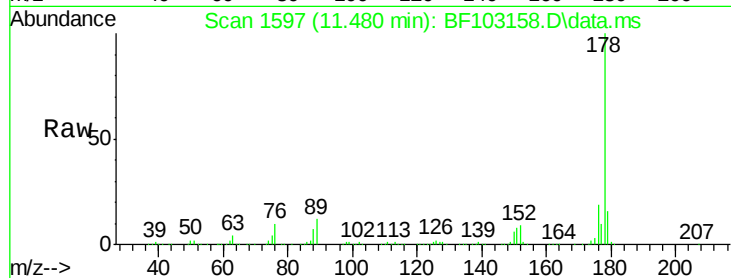




#71
 Anthracene
 Concen: 45.87 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. 0.000 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

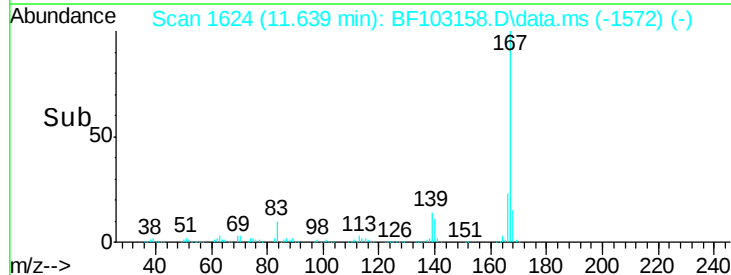
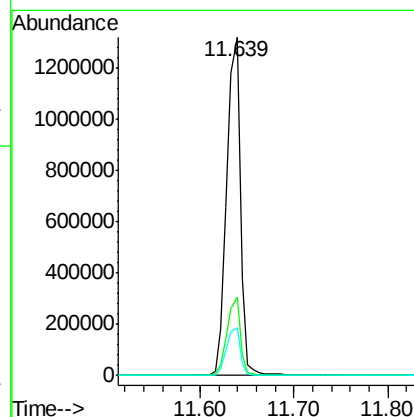
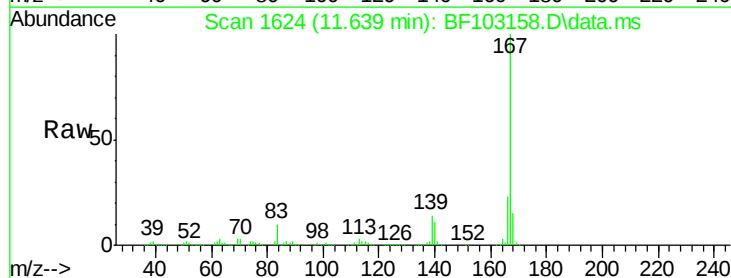
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

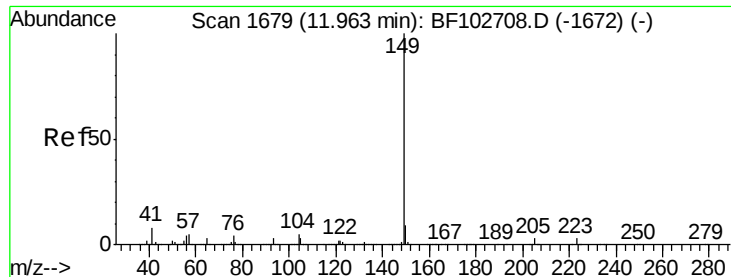
Tot Ion:178 Resp: 1342843
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 47.18 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion:167 Resp: 1353300
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 49.26 ng

RT: 11.957 min Scan# 1679

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

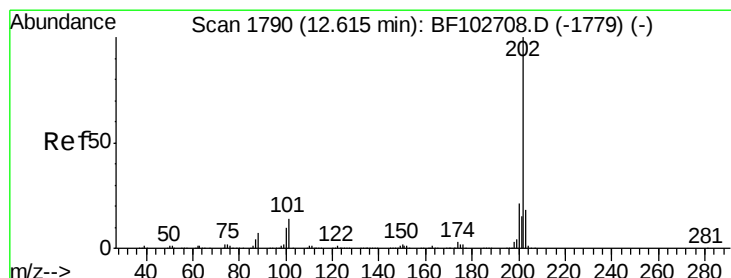
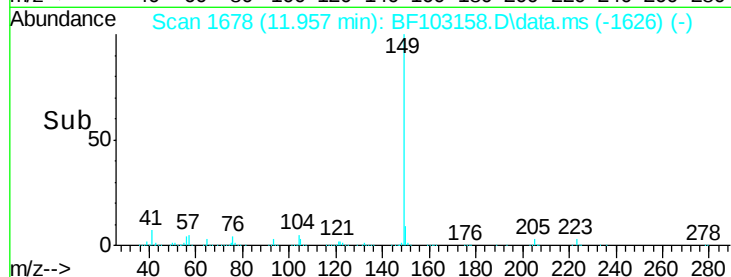
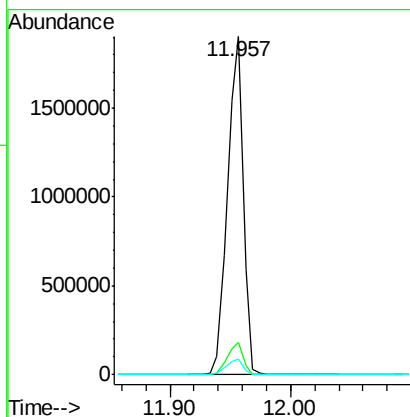
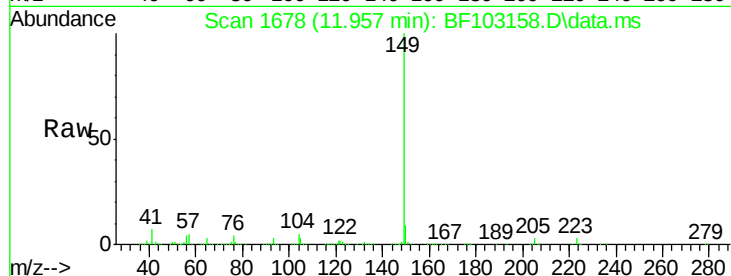
Tot Ion:149 Resp: 1716269

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 4.7 3.8 5.8



#74

Fluoranthene

Concen: 46.03 ng

RT: 12.621 min Scan# 1791

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

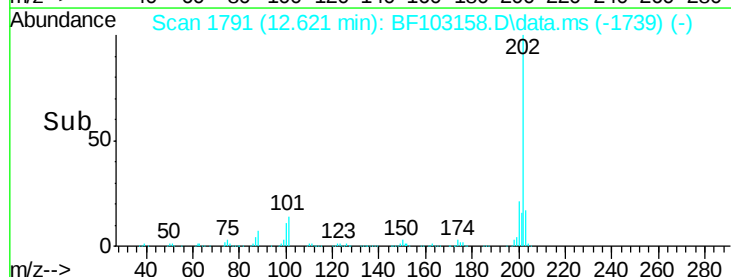
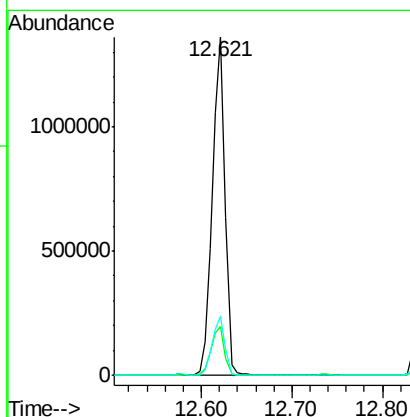
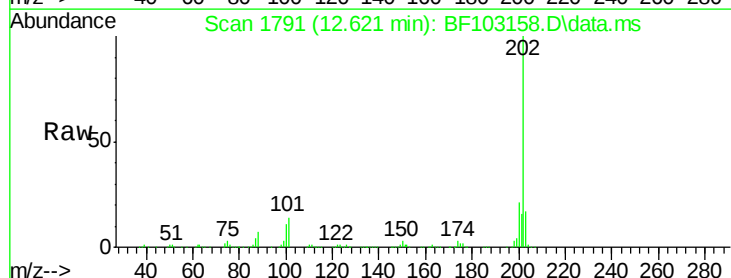
Tgt Ion:202 Resp: 1333076

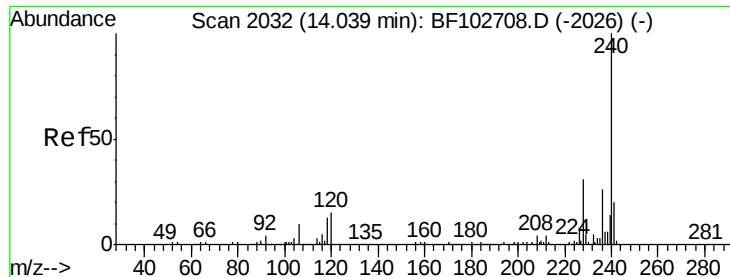
Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

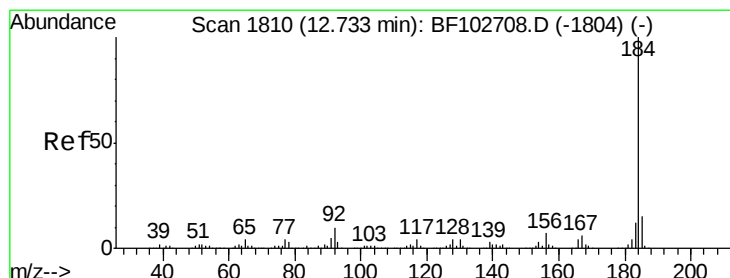
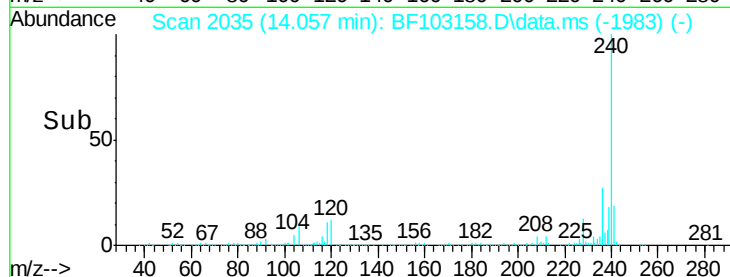
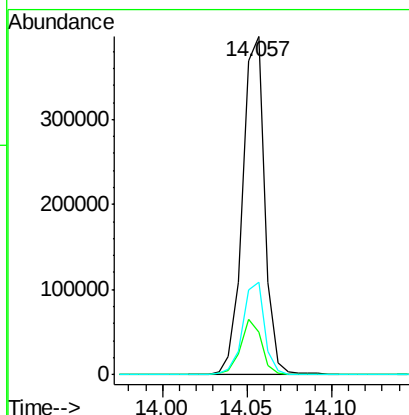
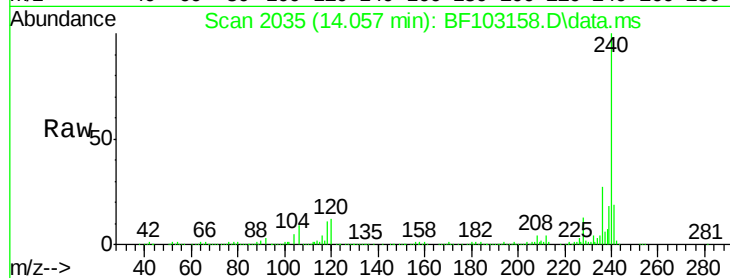
Tot Ion:240 Resp: 363738

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

236 27.3 20.7 31.1



#76

Benzidine

Concen: 35.66 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

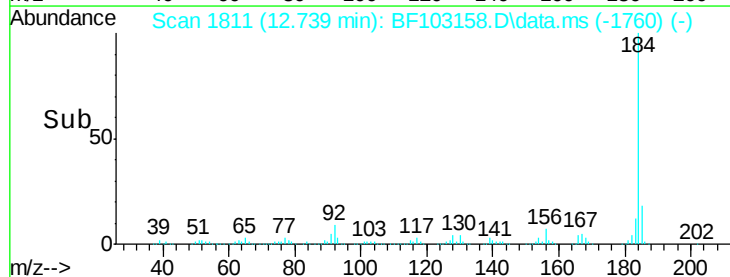
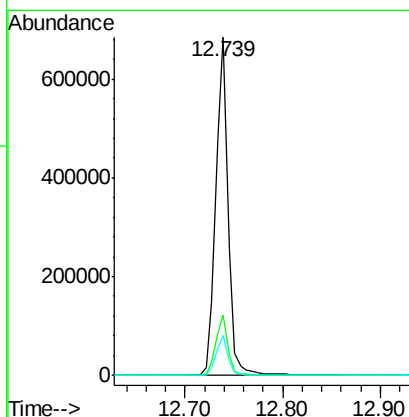
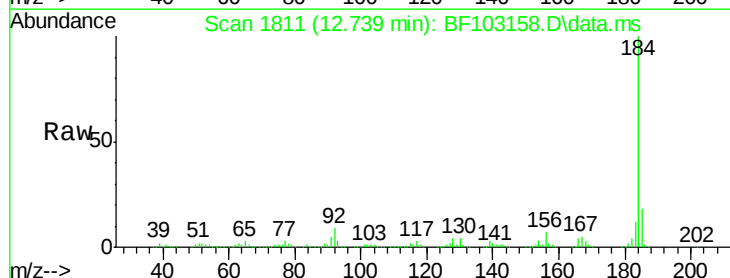
Tgt Ion:184 Resp: 596066

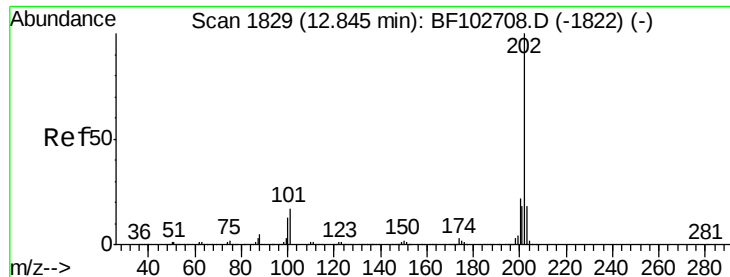
Ion Ratio Lower Upper

184 100

185 17.7 12.6 18.8

183 11.9 9.3 13.9





#77

Pvrene

Concen: 48.28 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

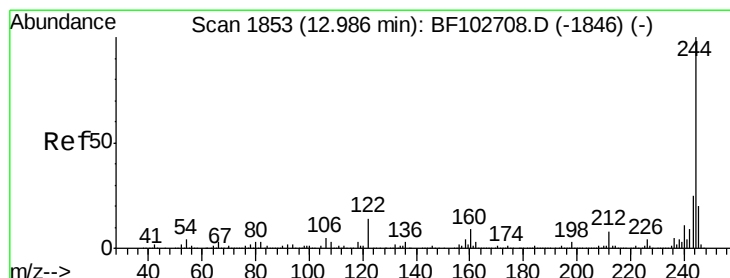
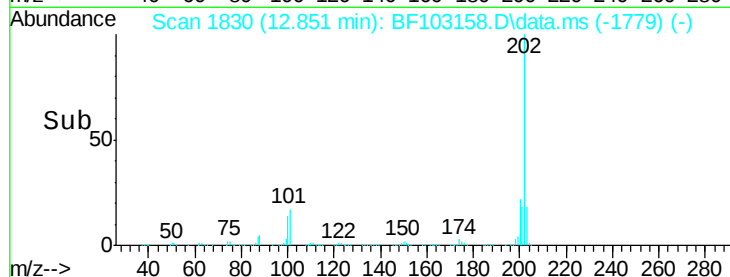
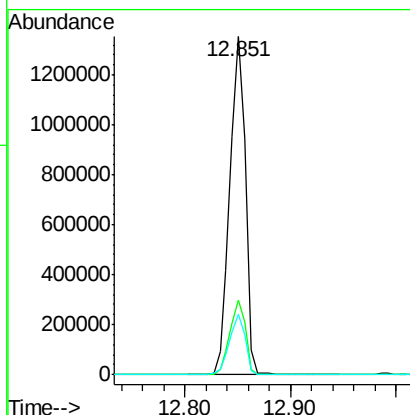
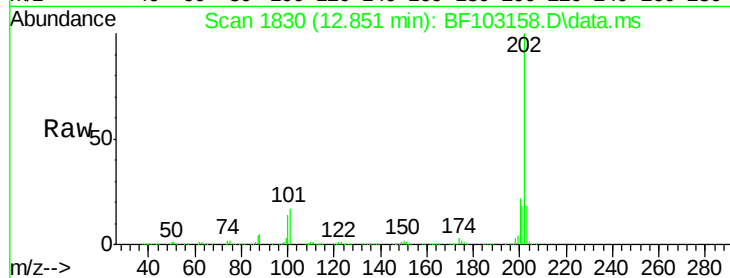
Tot Ion:202 Resp: 1377092

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

203 17.8 14.3 21.5



#78

Terphenyl-d14

Concen: 90.48 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

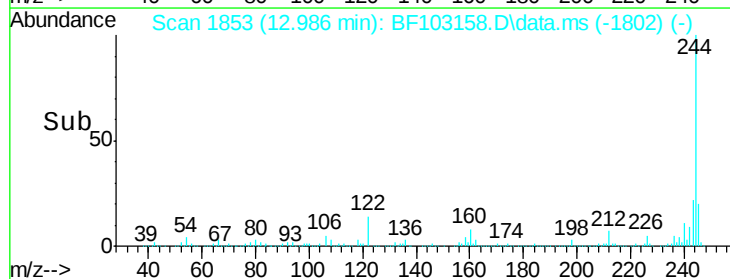
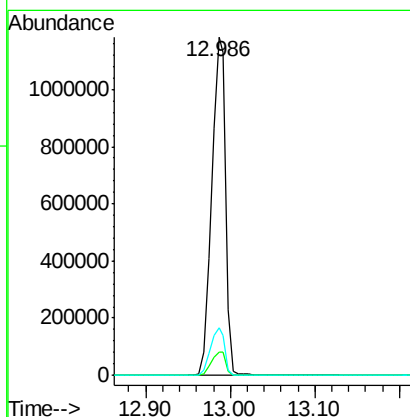
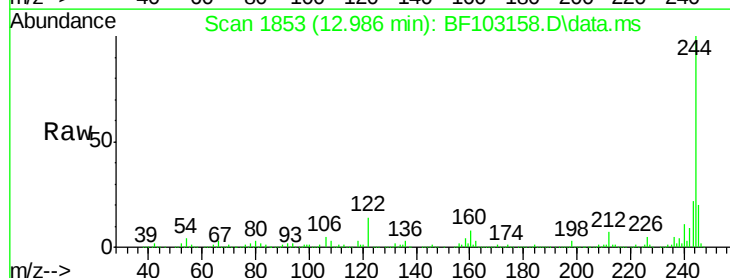
Tgt Ion:244 Resp: 1389889

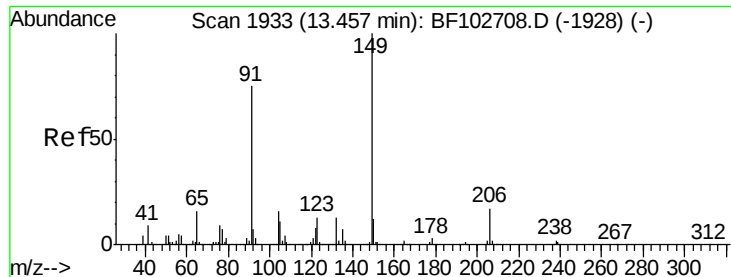
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 14.1 11.0 16.4





#79

Butylbenzylphthalate

Concen: 59.63 ng

RT: 13.457 min Scan# 19

Delta R.T. 0.000 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

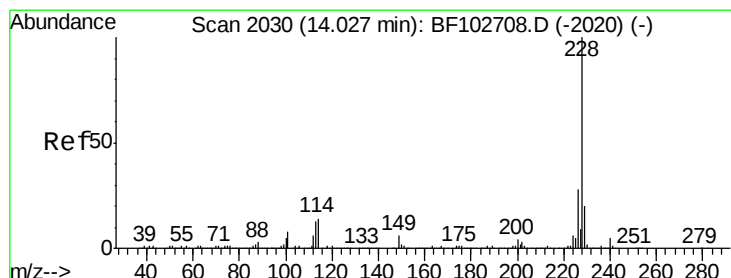
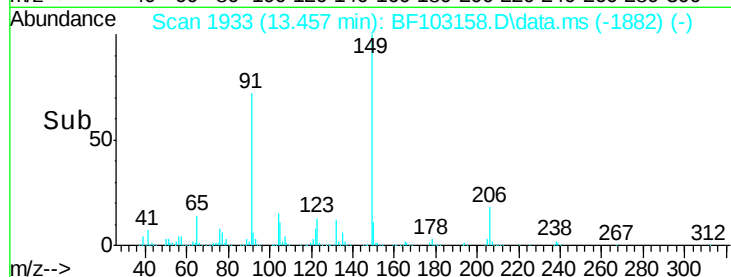
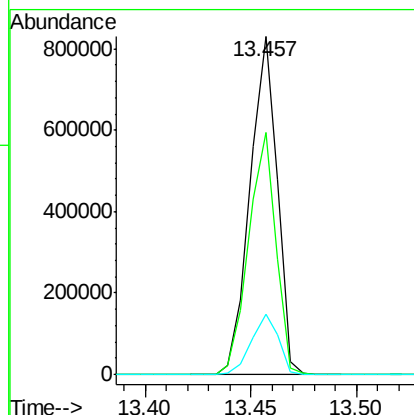
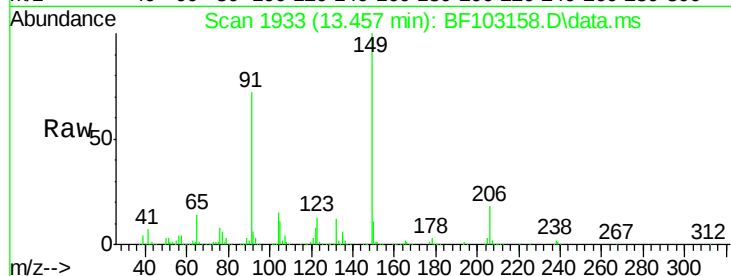
Tot Ion:149 Resp: 744572

Ion Ratio Lower Upper

149 100

91 71.6 56.8 85.2

206 17.8 14.1 21.1



#80

Benzo(a)anthracene

Concen: 51.43 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

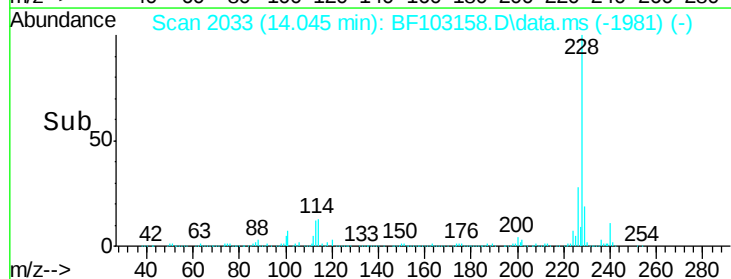
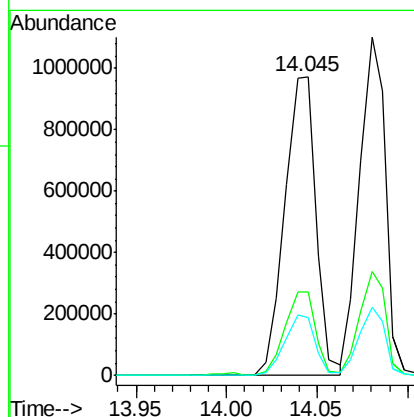
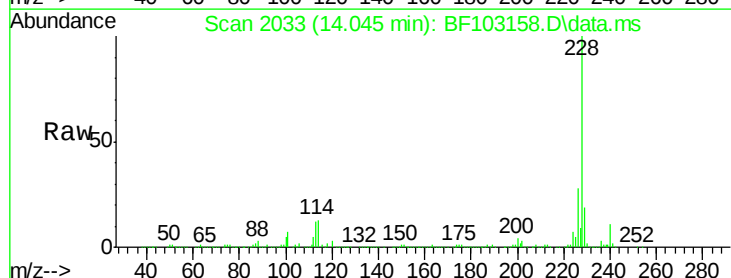
Tgt Ion:228 Resp: 1176590

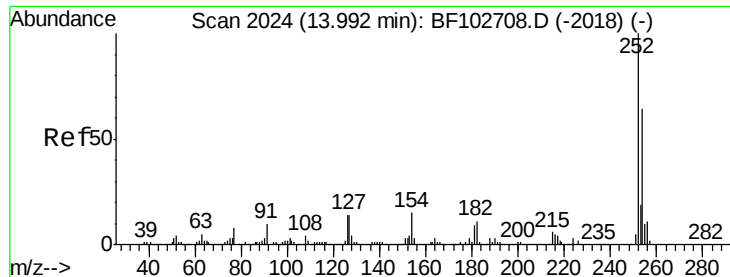
Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

229 19.2 15.8 23.6

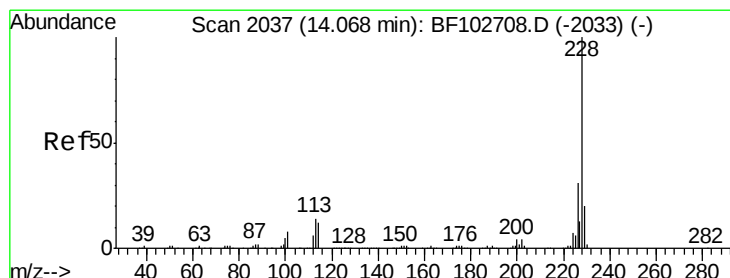
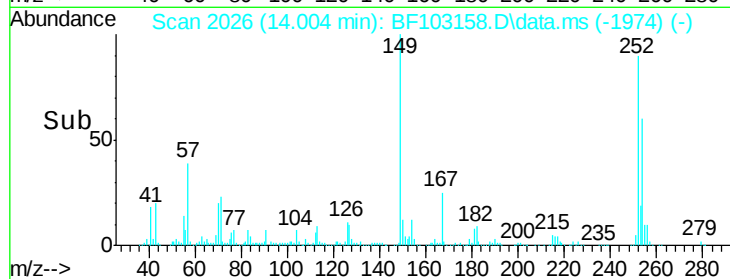
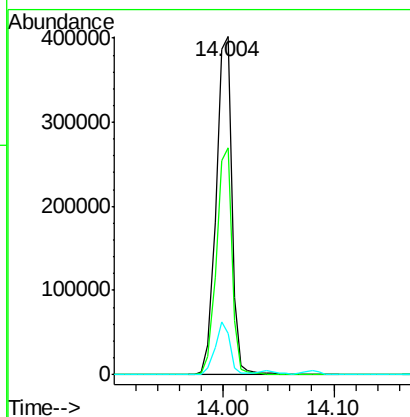
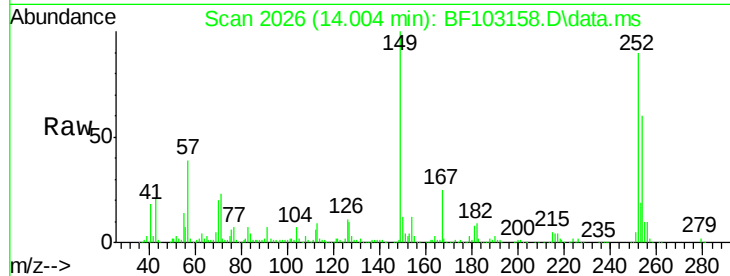




#81
 3,3'-Dichlorobenzidine
 Concen: 46.97 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

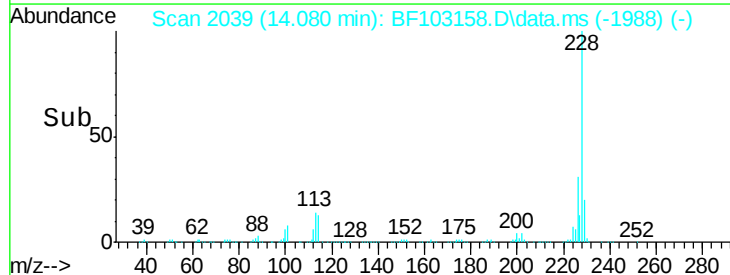
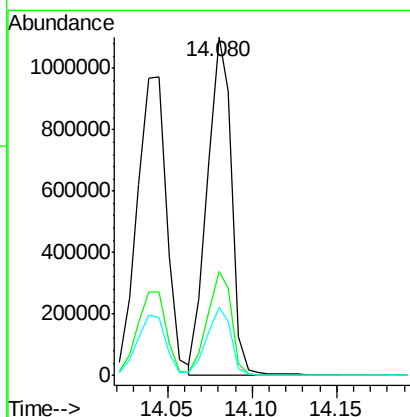
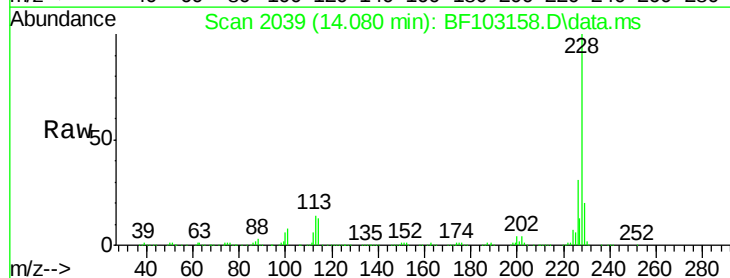
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

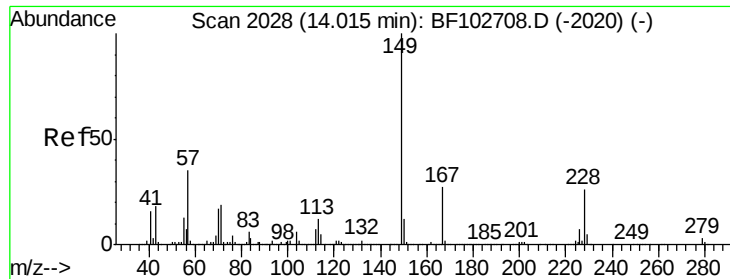
Tot Ion:252 Resp: 398376
 Ion Ratio Lower Upper
 252 100
 254 67.1 50.4 75.6
 126 12.1 11.3 16.9



#82
 Chrysene
 Concen: 47.94 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion:228 Resp: 1105563
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.0 16.2 24.4

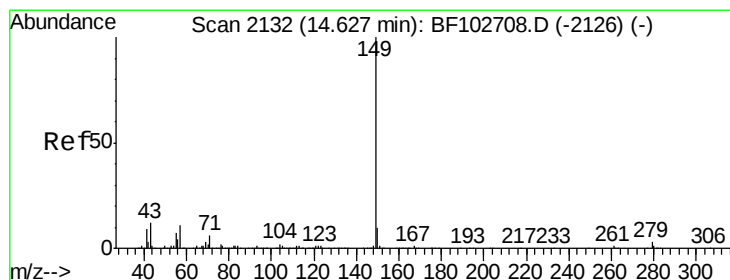
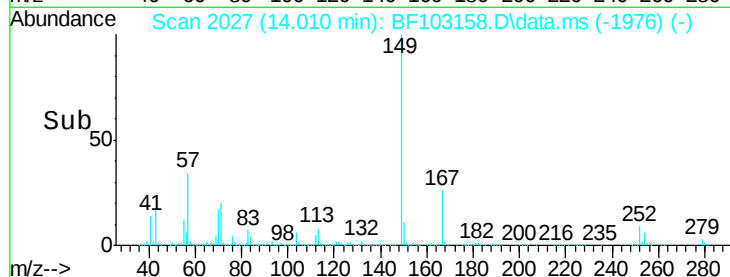
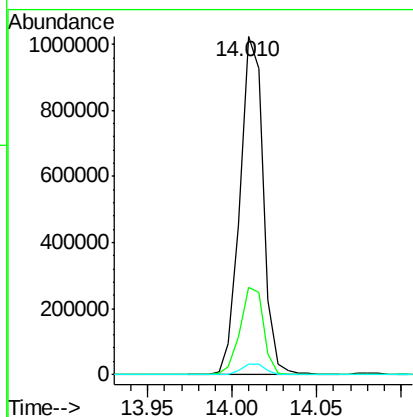
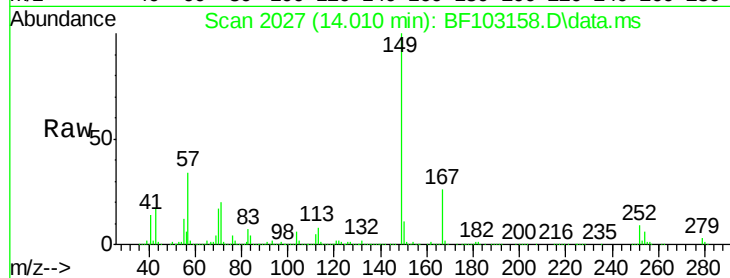




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.31 ng
 RT: 14.010 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

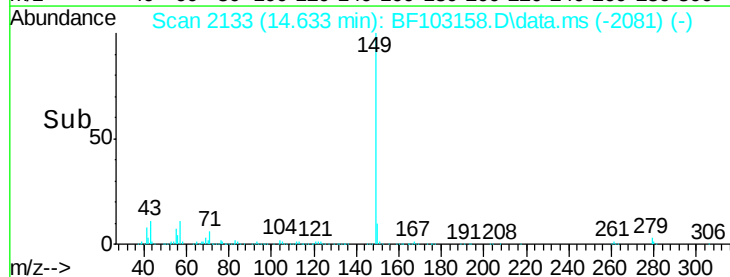
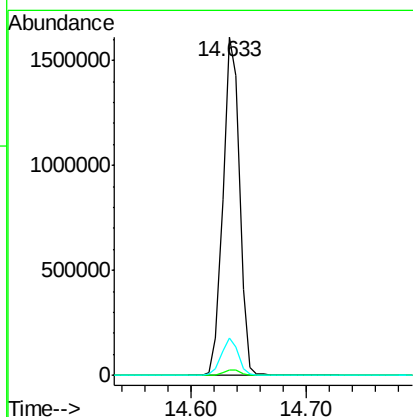
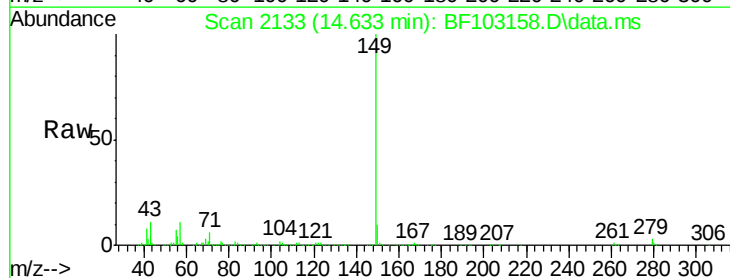
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

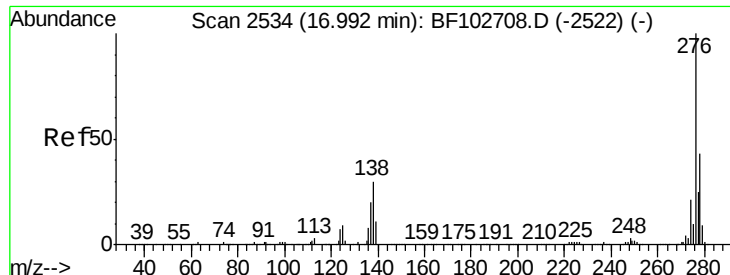
Tot Ion:149 Resp: 983930
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 61.15 ng
 RT: 14.633 min Scan# 2133
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion:149 Resp: 1604304
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.8 8.4 12.6

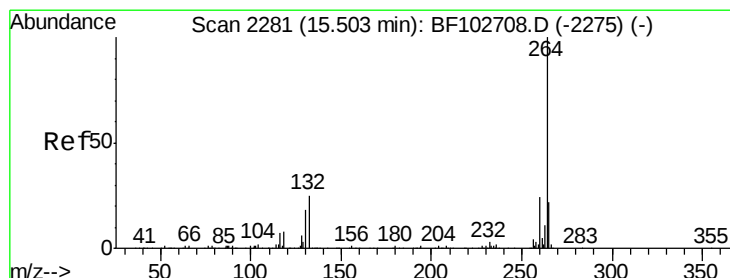
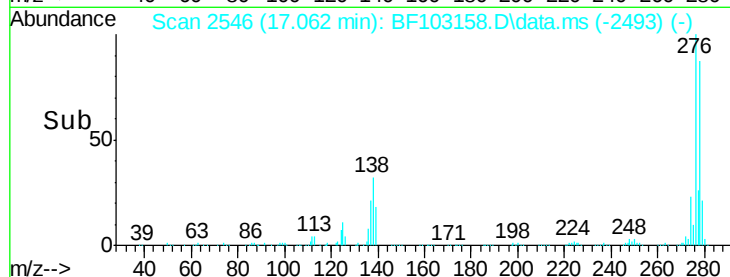
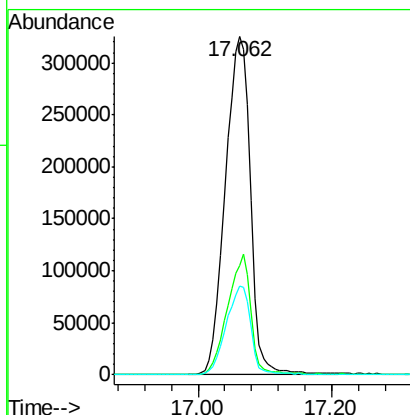
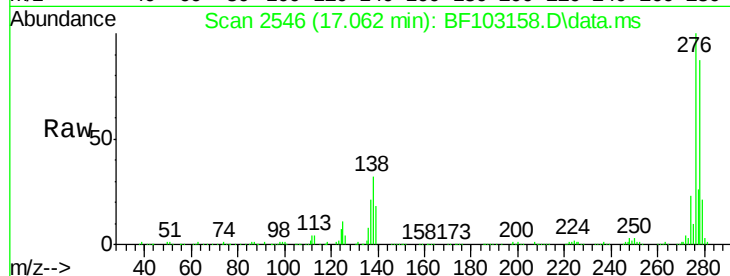




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.18 ng
 RT: 17.062 min Scan# 2534
 Delta R.T. 0.012 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

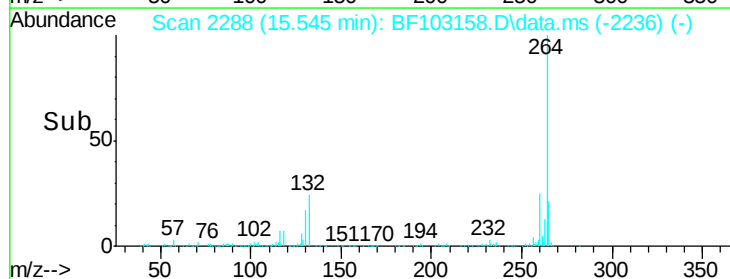
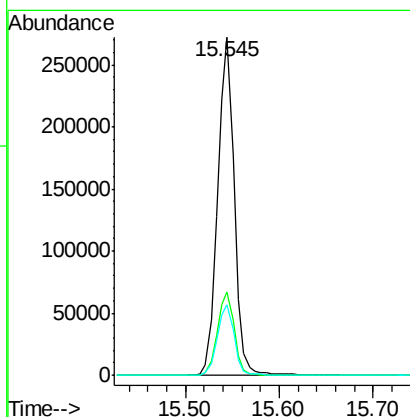
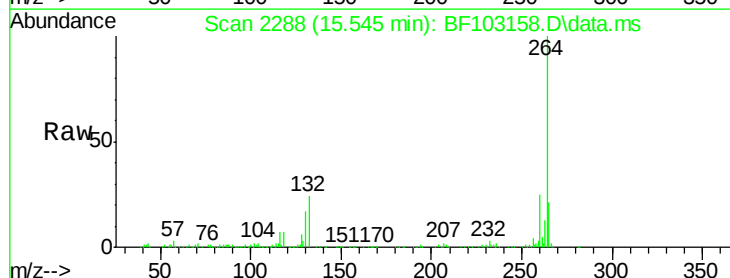
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

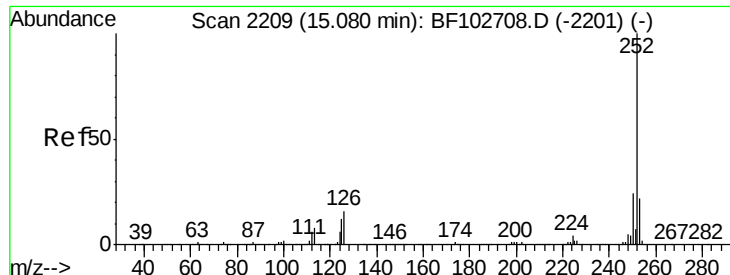
Tot Ion:276 Resp: 864108
 Ion Ratio Lower Upper
 276 100
 138 32.9 25.0 37.6
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.006 min
 Lab File: BF103158.D
 Acq: 22 Feb 2018 13:20

Tgt Ion:264 Resp: 336922
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 20.9 17.5 26.3

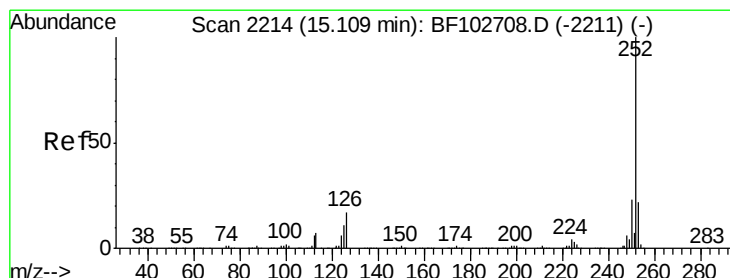
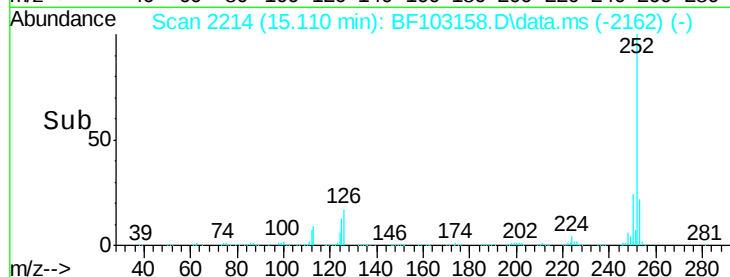
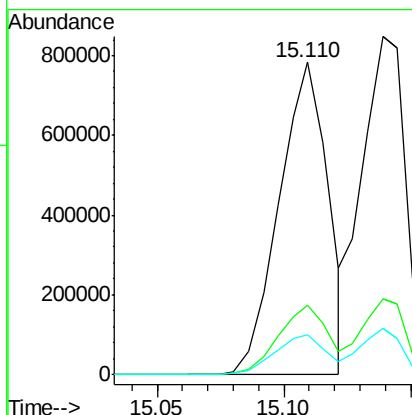
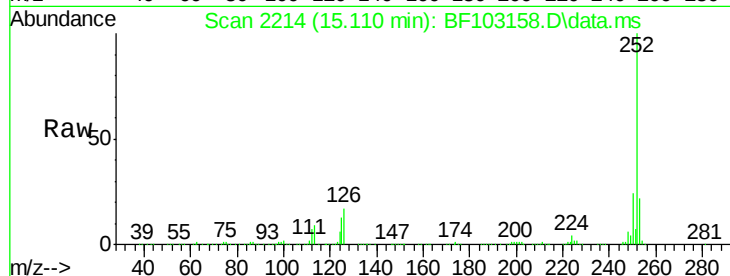




#87
Benzo(b)fluoranthene
Concen: 48.07 ng
RT: 15.110 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

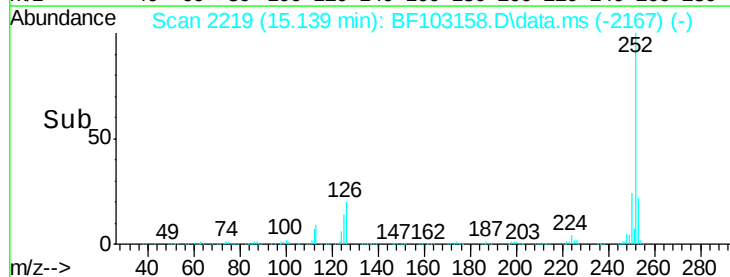
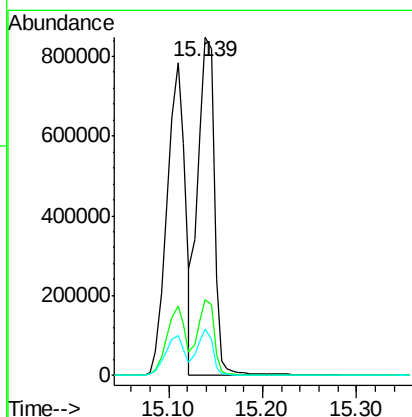
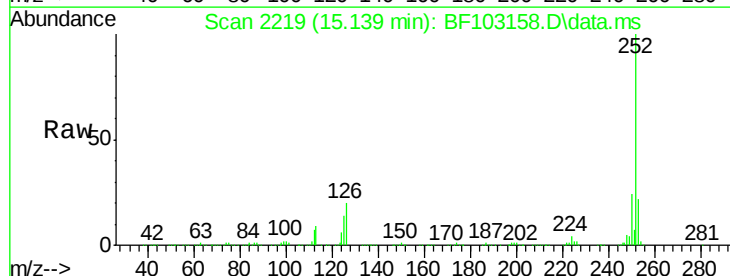
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

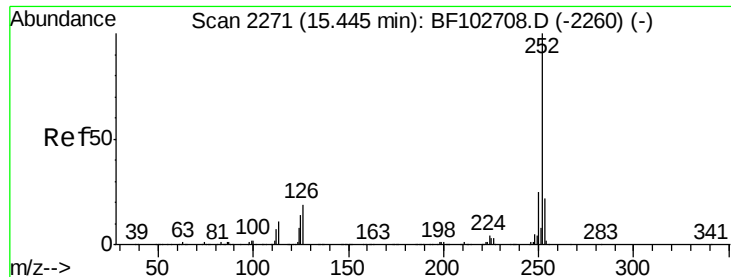
Tot Ion:252 Resp: 1050047
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 49.97 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF103158.D
Acq: 22 Feb 2018 13:20

Tgt Ion:252 Resp: 1042943
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 49.41 ng

RT: 15.486 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

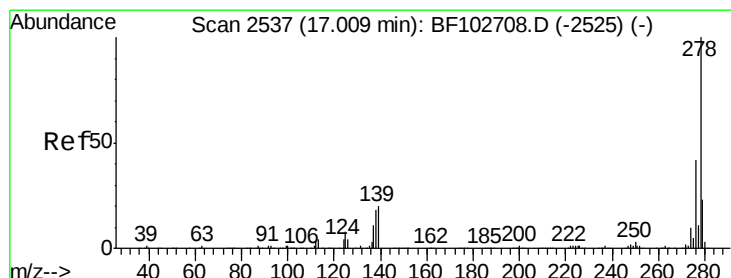
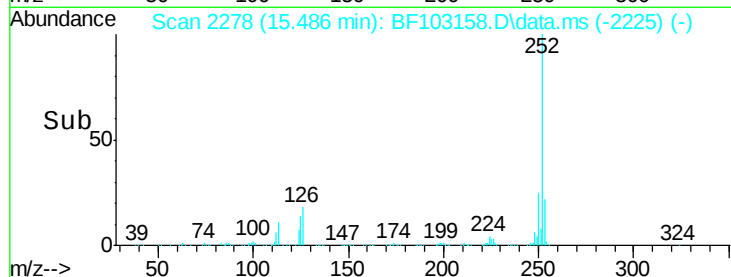
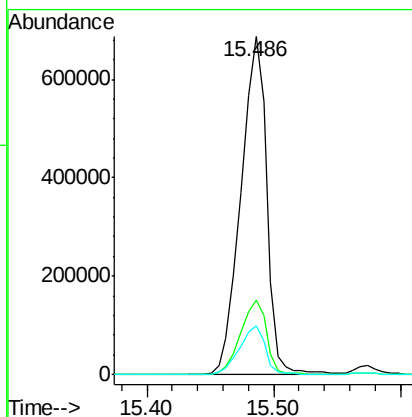
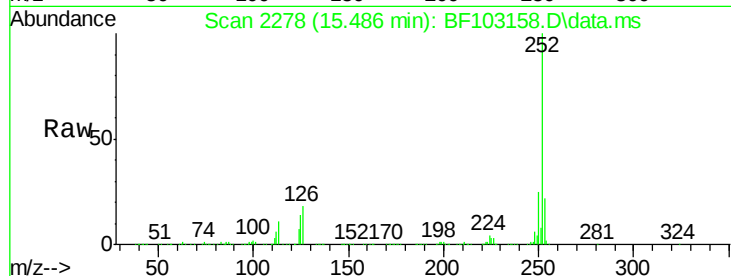
Tot Ion:252 Resp: 971520

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 14.4 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 45.01 ng

RT: 17.074 min Scan# 2548

Delta R.T. 0.012 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

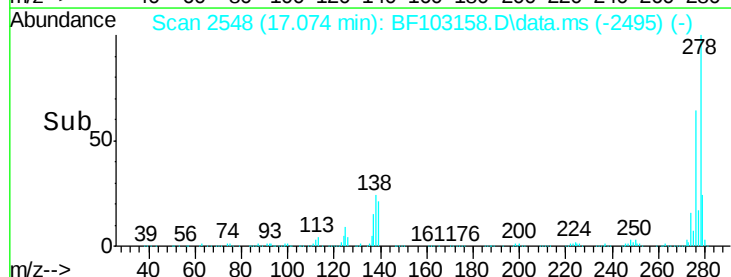
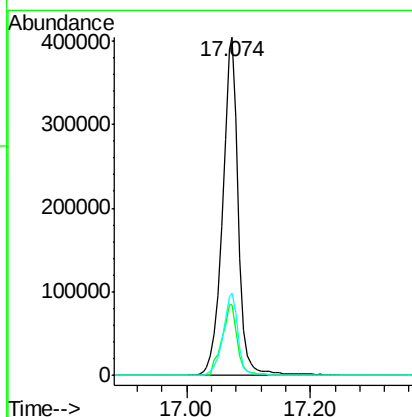
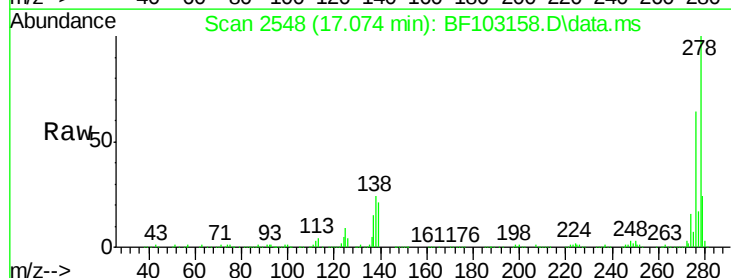
Tgt Ion:278 Resp: 718265

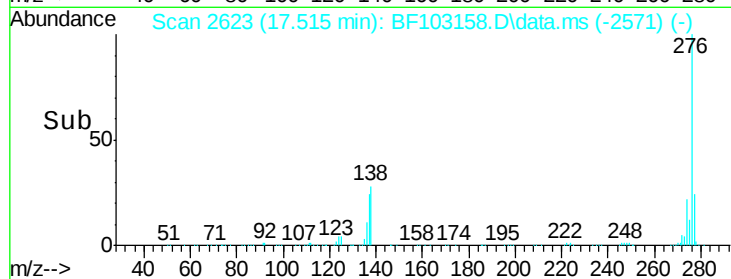
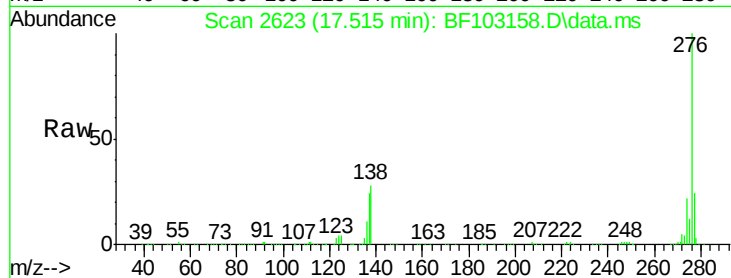
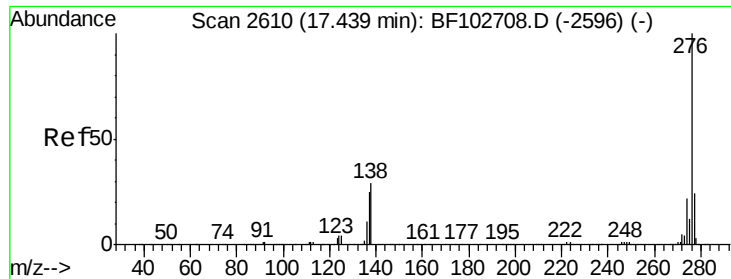
Ion Ratio Lower Upper

278 100

139 20.9 15.9 23.9

279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 45.62 ng

RT: 17.515 min Scan# 26

Delta R.T. 0.006 min

Lab File: BF103158.D

Acq: 22 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:276 Resp: 712617

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 28.1 21.8 32.8

