

Data Path : Z:\HPCHEM1\BNA F\Data\BF022218\
 Data File : BF103157.D
 Acq On : 22 Feb 2018 12:53
 Operator : SJ/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Feb 22 14:09:01 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	156542	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	653802	20.00	ng	0.00
38) Acenaphthene-d10	9.910	164	297586	20.00	ng	0.00
63) Phenanthrene-d10	11.404	188	511974	20.00	ng	0.00
75) Chrysene-d12	14.051	240	370782	20.00	ng	0.00
86) Perylene-d12	15.539	264	331639	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.487	112	827899	80.32	ng	0.00
7) Phenol-d6	6.504	99	993555	80.05	ng	0.00
23) Nitrobenzene-d5	7.439	82	908021	96.34	ng	0.00
41) 2,4,6-Tribromophenol	10.704	330	207636	86.69	ng	0.00
44) 2-Fluorobiphenyl	9.228	172	1380679	76.99	ng	0.00
78) Terphenyl-d14	12.986	244	1160209	74.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.634	88	222254	43.65	ng	92
3) Pyridine	3.410	79	600852	42.72	ng	97
4) n-Nitrosodimethylamine	3.363	42	237458	39.46	ng	97
6) Aniline	6.539	93	729169	39.78	ng	97
8) 2-Chlorophenol	6.657	128	428353	40.36	ng	94
9) Benzaldehyde	6.428	77	308909	33.52	ng	98
10) Phenol	6.516	94	580905	43.67	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	445545	40.26	ng	94
12) 1,3-Dichlorobenzene	6.810	146	485581	39.51	ng	97
13) 1,4-Dichlorobenzene	6.887	146	487035	39.79	ng	99
14) 1,2-Dichlorobenzene	7.045	146	444376	38.97	ng	98
15) Benzyl Alcohol	7.016	79	378594	39.68	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	773757	36.80	ng	99
17) 2-Methylphenol	7.122	107	386500	39.48	ng	99
18) Hexachloroethane	7.381	117	178163	42.44	ng	93
19) n-Nitroso-di-n-propyla...	7.287	70	299475	36.60	ng	96
20) 3+4-Methylphenols	7.275	107	440793	36.52	ng	# 84
22) Acetophenone	7.287	105	592753	37.05	ng	# 96
24) Nitrobenzene	7.457	77	504413	48.44	ng	98
25) Isophorone	7.692	82	884871	40.77	ng	98
26) 2-Nitrophenol	7.769	139	249180	63.09	ng	92
27) 2,4-Dimethylphenol	7.804	122	360815	39.35	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	525727	40.89	ng	98
29) 2,4-Dichlorophenol	8.010	162	347492	41.69	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	369357	39.17	ng	99
31) Naphthalene	8.181	128	1256072	39.32	ng	100
32) Benzoic acid	7.934	122	253821	44.93	ng	99
33) 4-Chloroaniline	8.228	127	554226	40.28	ng	99
34) Hexachlorobutadiene	8.286	225	188867	39.09	ng	99
35) Caprolactam	8.604	113	125234	43.26	ng	# 80
36) 4-Chloro-3-methylphenol	8.710	107	392929	41.96	ng	96
37) 2-Methylnaphthalene	8.869	142	807234	38.60	ng	100
39) 1,2,4,5-Tetrachloroben...	9.033	216	324509	40.05	ng	99
40) Hexachlorocyclopentadiene	9.016	237	94713	24.59	ng	97

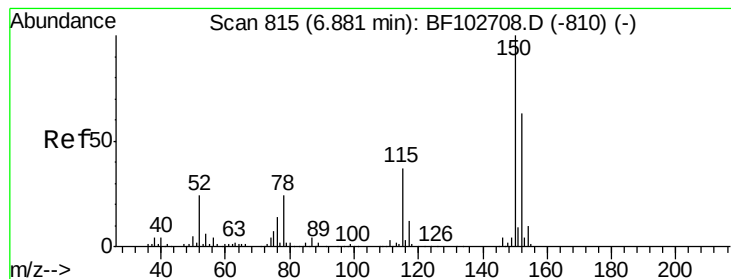
Data Path : Z:\HPCHEM1\BNA F\Data\BF022218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.145	196	222426	41.79	nq	99
43) 2,4,5-Trichlorophenol	9.186	196	255946	42.67	nq	98
45) 1,1'-Biphenyl	9.333	154	964999	38.50	nq	99
46) 2-Chloronaphthalene	9.357	162	776581	39.35	nq	99
47) 2-Nitroaniline	9.457	65	298133	59.22	nq	90
48) Acenaphthylene	9.775	152	1193273	38.93	nq	99
49) Dimethylphthalate	9.633	163	934566	40.28	nq	100
50) 2,6-Dinitrotoluene	9.698	165	202743	45.93	nq	94
51) Acenaphthene	9.945	154	687664	37.52	nq	98
52) 3-Nitroaniline	9.869	138	256656	47.25	nq	97
53) 2,4-Dinitrophenol	9.980	184	58845	63.06	nq	# 20
54) Dibenzofuran	10.122	168	993147	38.45	nq	99
55) 4-Nitrophenol	10.033	139	162156	40.56	nq	96
56) 2,4-Dinitrotoluene	10.104	165	263844	54.16	nq	92
57) Fluorene	10.463	166	767552	40.84	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.239	232	171630	41.28	nq	97
59) Diethylphthalate	10.327	149	892496	38.95	nq	100
60) 4-Chlorophenyl-phenyle...	10.451	204	344569	41.45	nq	97
61) 4-Nitroaniline	10.486	138	259500	50.19	nq	95
62) Azobenzene	10.610	77	923612	40.35	nq	96
64) 4,6-Dinitro-2-methylph...	10.516	198	121614	65.94	nq	93
65) n-Nitrosodiphenylamine	10.569	169	700963	38.82	nq	97
66) 4-Bromophenyl-phenylether	10.939	248	215269	39.75	nq	96
67) Hexachlorobenzene	11.010	284	227572	38.09	nq	100
68) Atrazine	11.098	200	210544	39.52	nq	97
69) Pentachlorophenol	11.210	266	115564	32.95	nq	98
70) Phenanthrene	11.427	178	1096905	38.47	nq	99
71) Anthracene	11.480	178	1129782	38.96	nq	100
72) Carbazole	11.633	167	1127451	39.68	nq	100
73) Di-n-butylphthalate	11.951	149	1409302	40.83	nq	100
74) Fluoranthene	12.616	202	1104455	38.50	nq	98
76) Benzidine	12.739	184	523437	30.72	nq	99
77) Pyrene	12.851	202	1133078	38.97	nq	99
79) Butylbenzylphthalate	13.457	149	614168	48.25	nq	99
80) Benzo(a)anthracene	14.039	228	954413	40.93	nq	99
81) 3,3'-Dichlorobenzidine	13.998	252	347633	40.21	nq	97
82) Chrysene	14.080	228	918455	39.07	nq	98
83) Bis(2-ethylhexyl)phtha...	14.010	149	825815	46.37	nq	# 100
84) Di-n-octyl phthalate	14.627	149	1327506	49.64	nq	99
85) Indeno(1,2,3-cd)pyrene	17.051	276	700654	35.94	nq	98
87) Benzo(b)fluoranthene	15.104	252	858065	39.91	nq	99
88) Benzo(k)fluoranthene	15.133	252	834874	40.64	nq	99
89) Benzo(a)pyrene	15.474	252	781483	40.38	nq	98
90) Dibenzo(a,h)anthracene	17.062	278	592453	37.71	nq	99
91) Benzo(g,h,i)perylene	17.509	276	577398	37.55	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.869 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

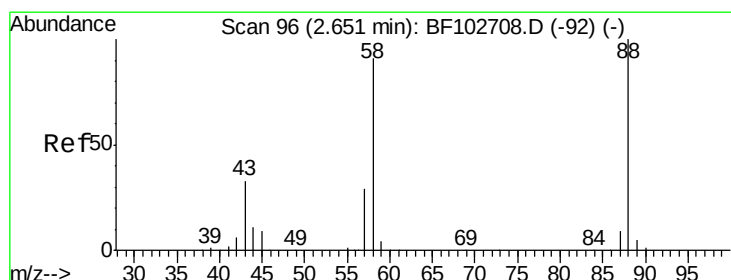
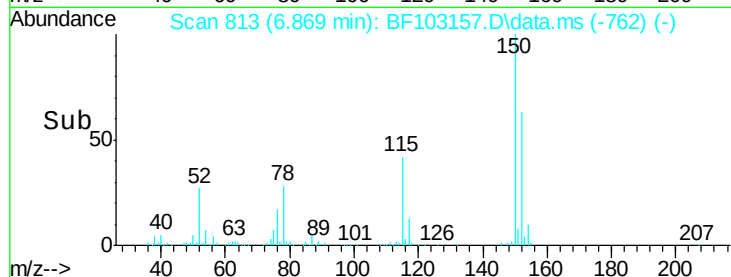
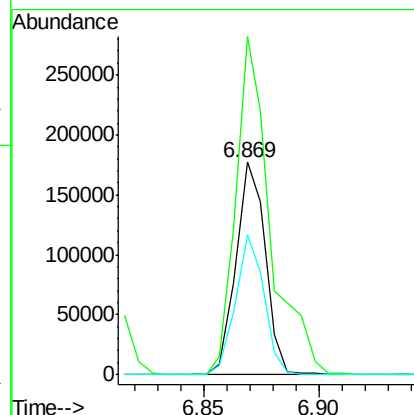
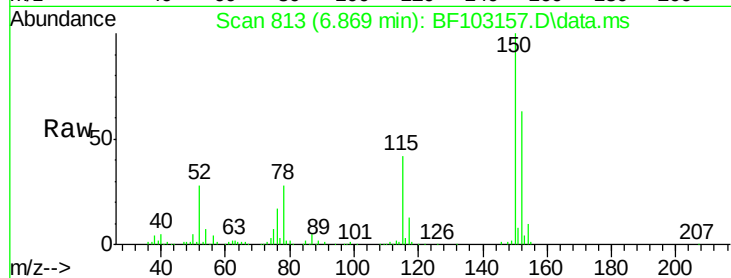
Tot Ion:152 Resp: 156542

Ion Ratio Lower Upper

152 100

150 159.4 124.6 186.8

115 66.2 50.1 75.1



#2

1,4-Dioxane

Concen: 43.65 ng

RT: 2.634 min Scan# 93

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

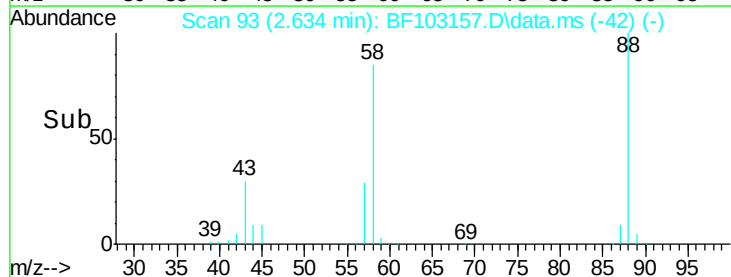
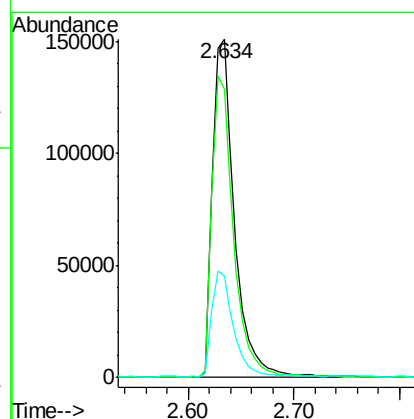
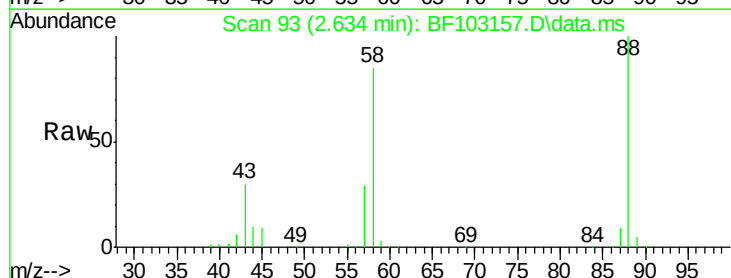
Tgt Ion: 88 Resp: 222254

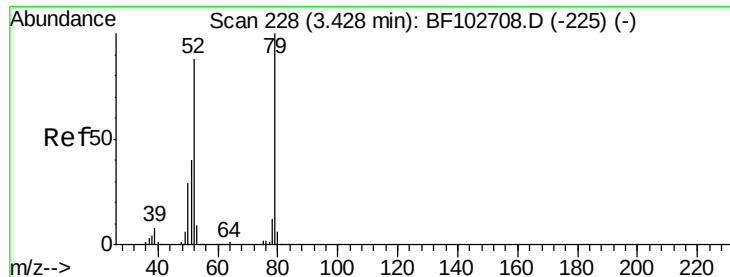
Ion Ratio Lower Upper

88 100

58 87.7 62.6 93.8

43 31.4 24.6 37.0





#3

Pvridine

Concen: 42.72 ng

RT: 3.410 min Scan# 22

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

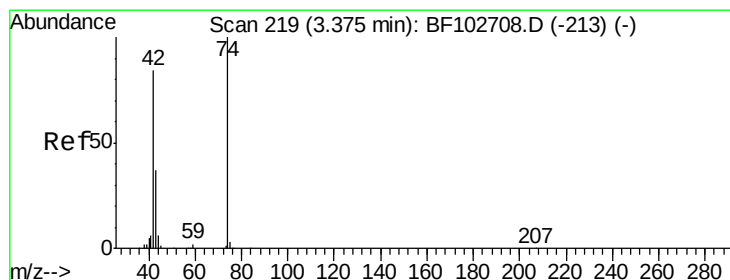
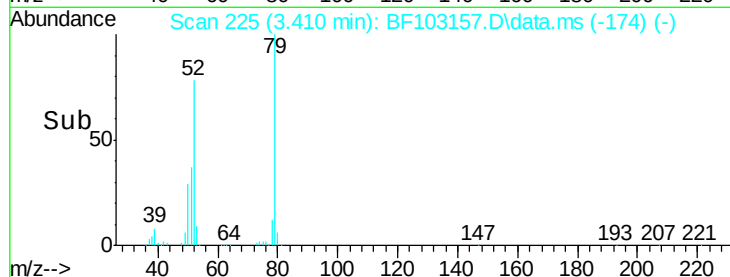
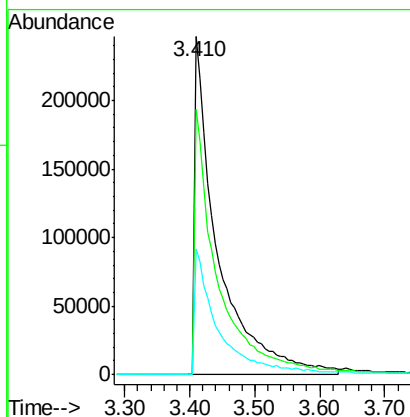
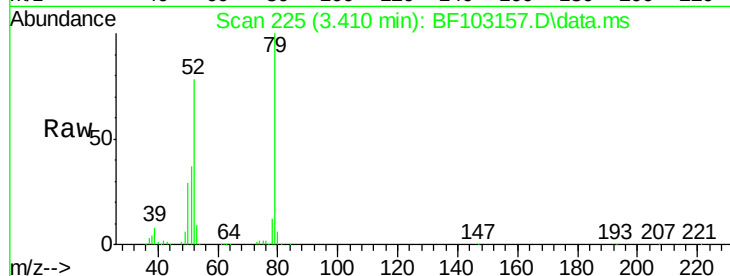
Tot Ion: 79 Resp: 600852

Ion Ratio Lower Upper

79 100

52 78.4 59.8 89.6

51 37.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.46 ng

RT: 3.363 min Scan# 217

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

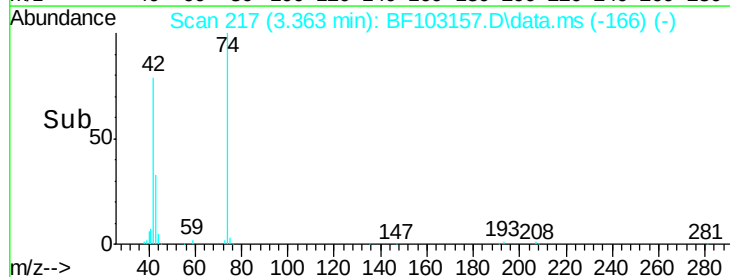
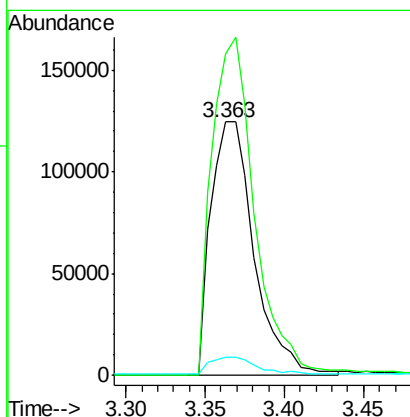
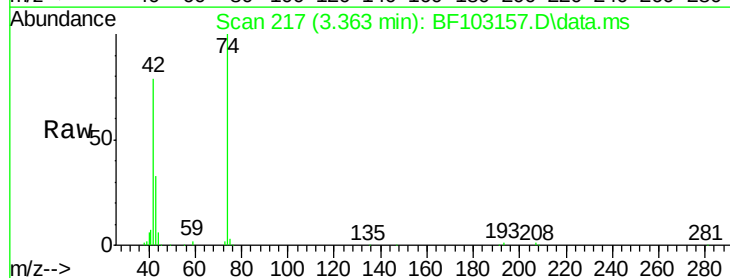
Tgt Ion: 42 Resp: 237458

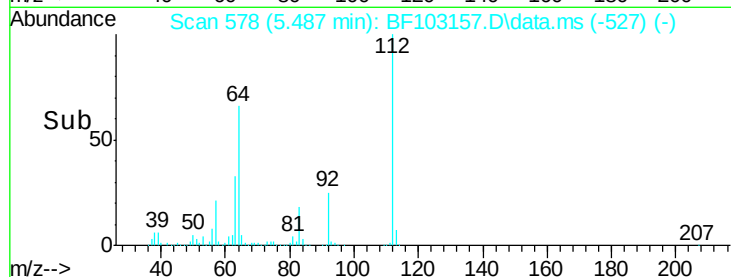
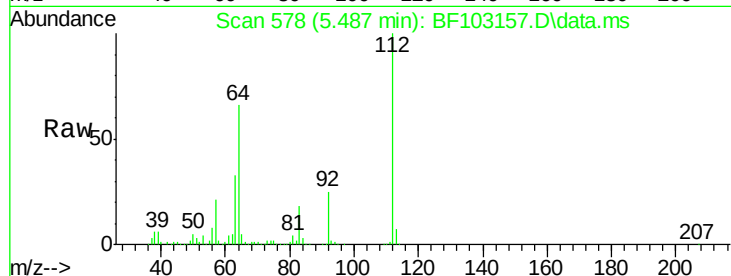
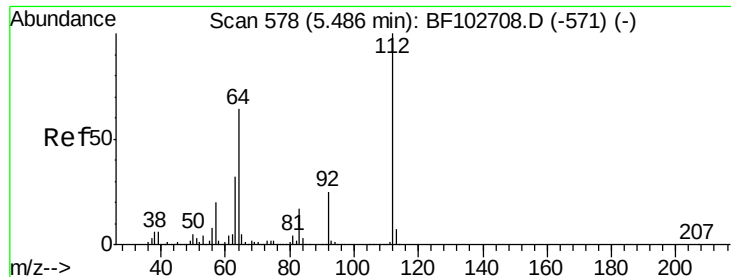
Ion Ratio Lower Upper

42 100

74 127.1 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 80.32 ng

RT: 5.487 min Scan# 57

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

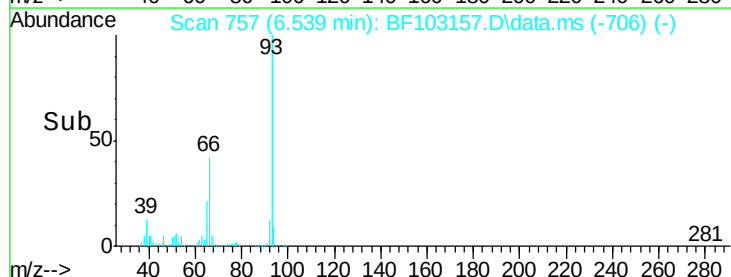
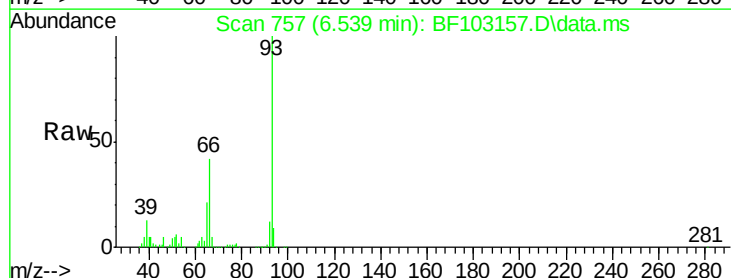
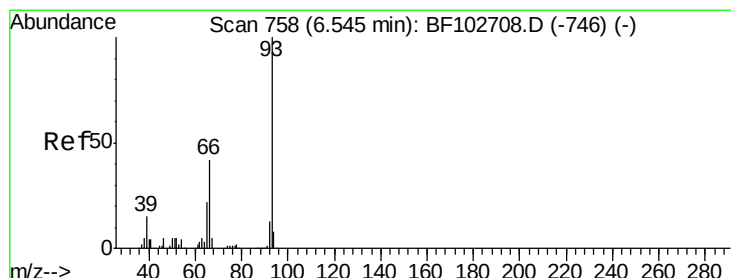
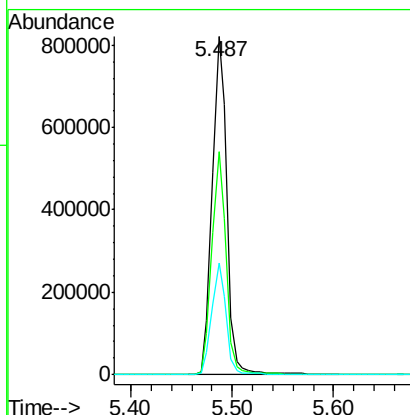
Tot Ion:112 Resp: 827899

Ion Ratio Lower Upper

112 100

64 65.9 47.9 71.9

63 33.0 23.7 35.5



#6

Aniline

Concen: 39.78 ng

RT: 6.539 min Scan# 757

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

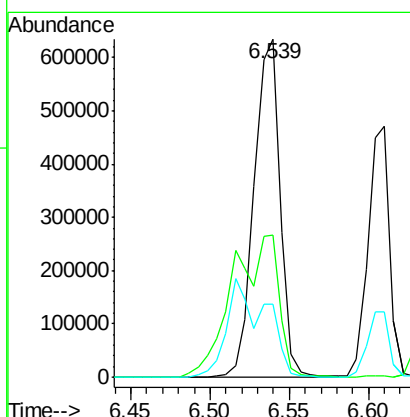
Tgt Ion: 93 Resp: 729169

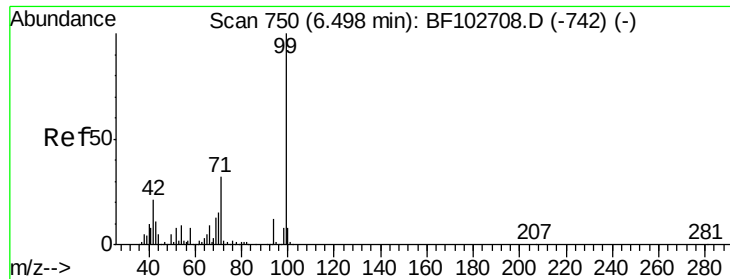
Ion Ratio Lower Upper

93 100

66 42.0 32.2 48.2

65 21.5 16.4 24.6





#7

Phenol-d6

Concen: 80.05 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

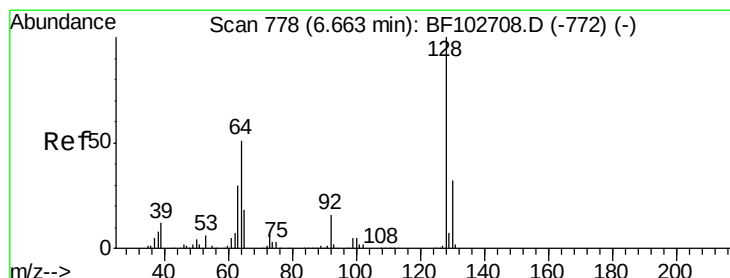
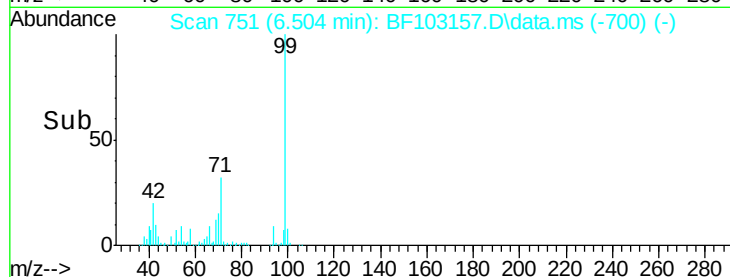
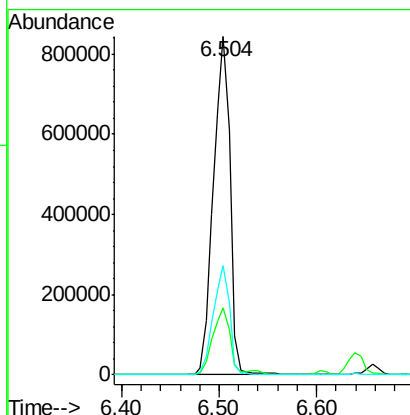
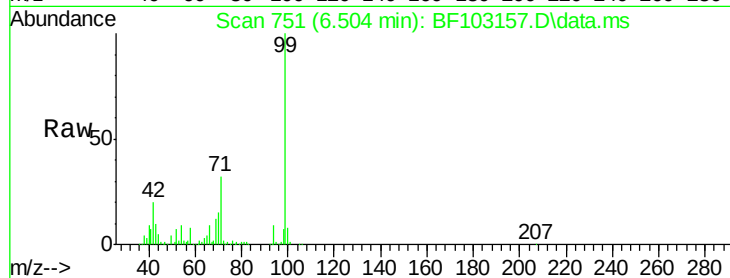
Tot Ion: 99 Resp: 993555

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.2 25.4 38.0



#8

2-Chlorophenol

Concen: 40.36 ng

RT: 6.657 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

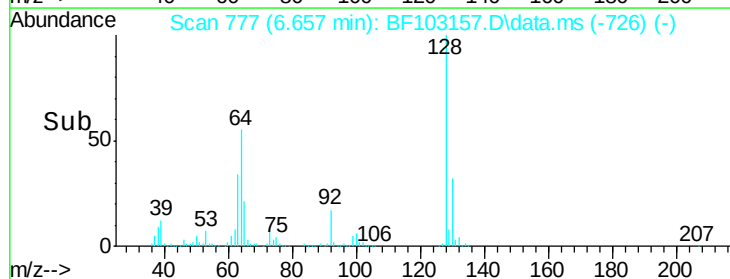
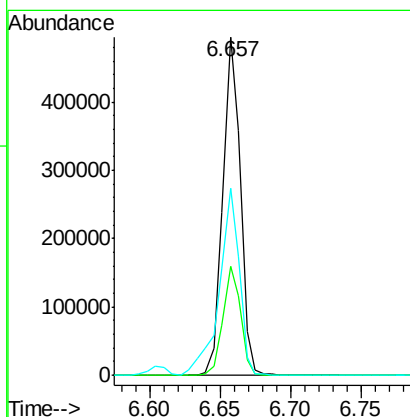
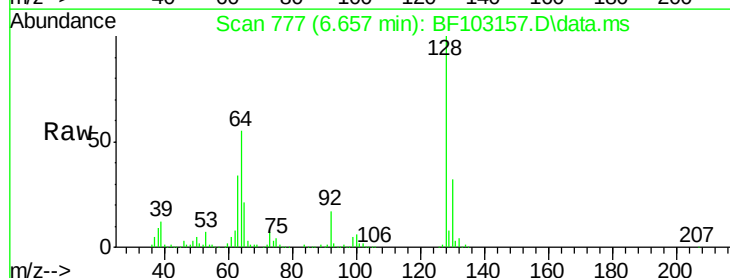
Tgt Ion: 128 Resp: 428353

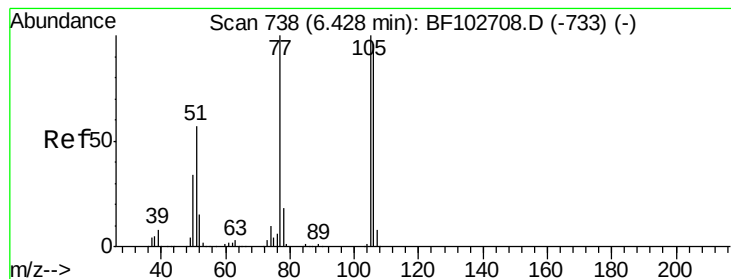
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 55.3 29.4 69.4





#9

Benzaldehyde

Concen: 33.52 ng

RT: 6.428 min Scan# 73

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

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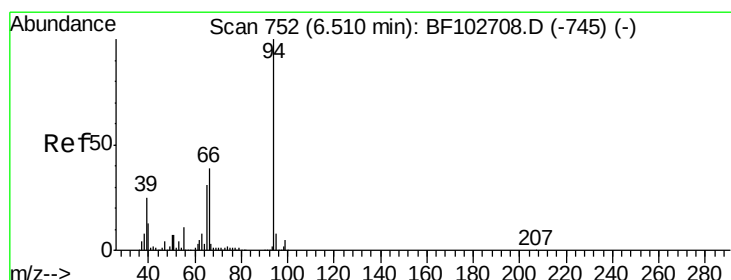
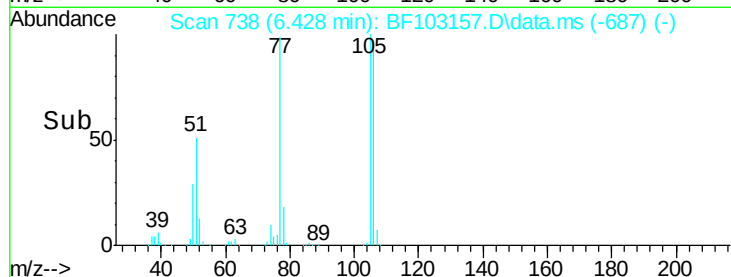
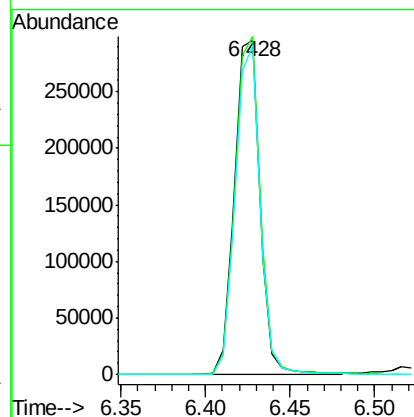
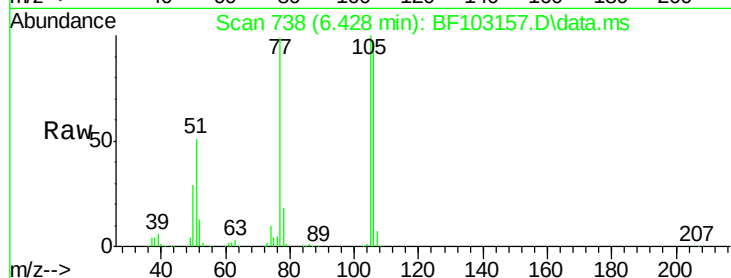
Tot Ion: 77 Resp: 308909

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

106 98.2 74.5 114.5



#10

Phenol

Concen: 43.67 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

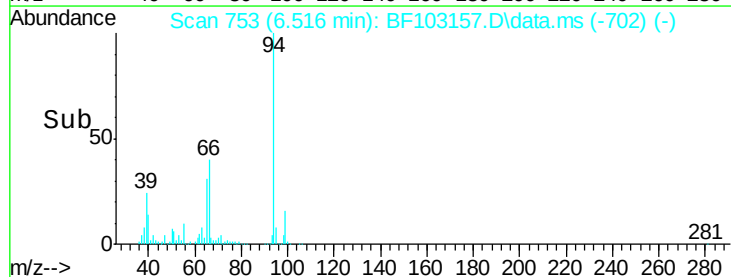
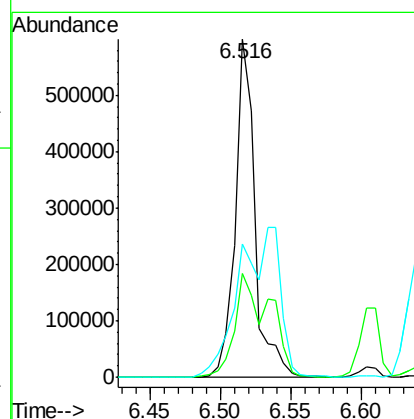
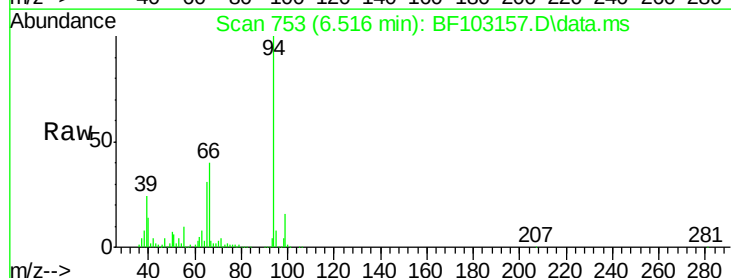
Tgt Ion: 94 Resp: 580905

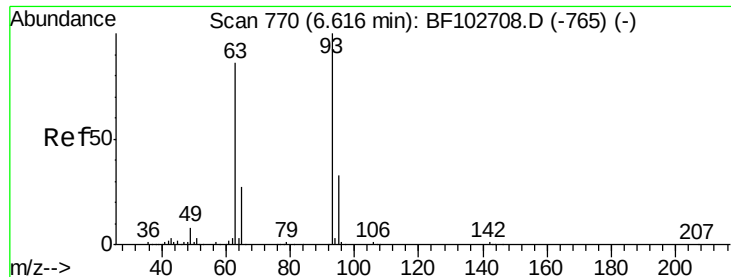
Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

66 39.6 16.2 56.2

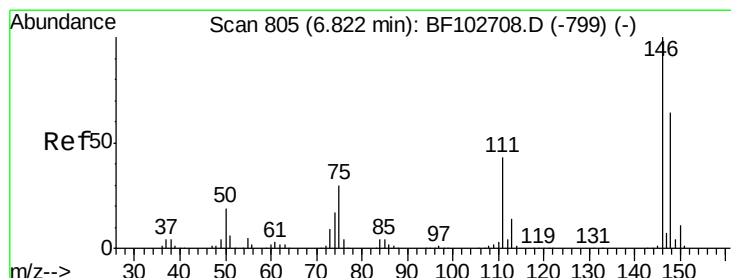
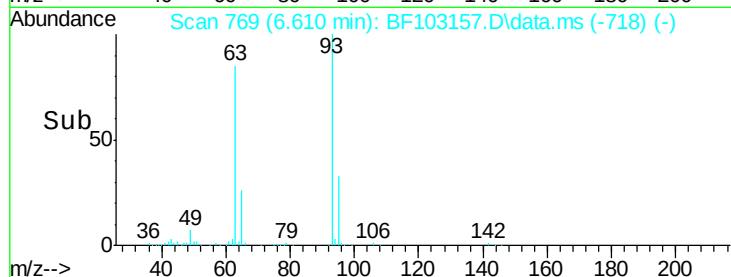
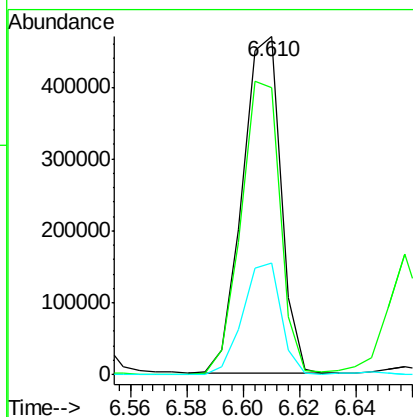
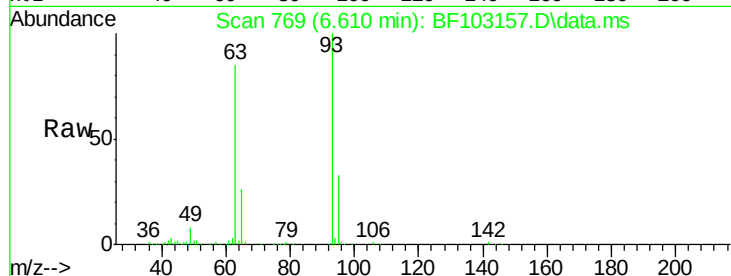




#11
bis(2-Chloroethyl)ether
Concen: 40.26 ng
RT: 6.610 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

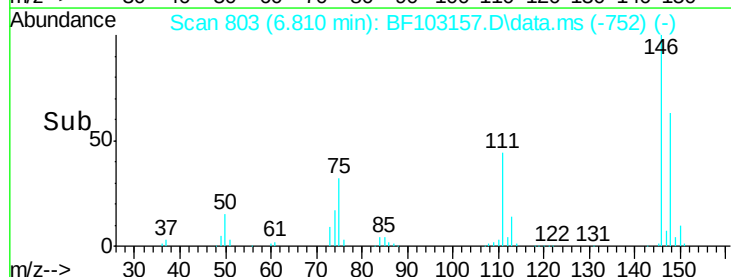
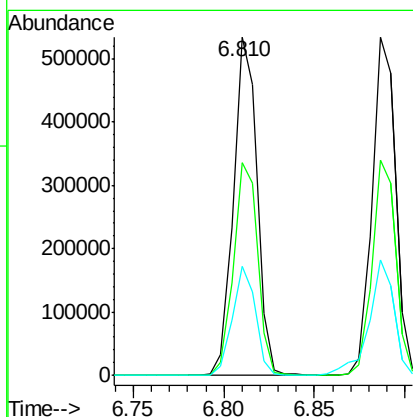
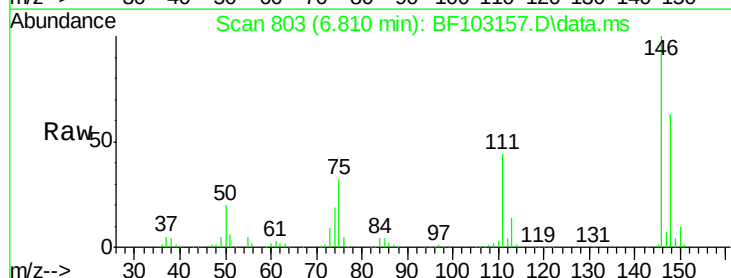
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

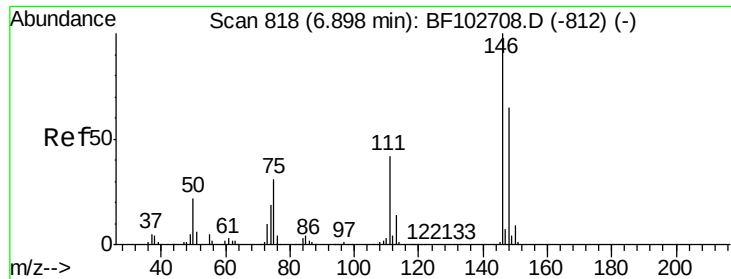
Tot Ion	93	Resp	445545
Ion Ratio	Lower	Upper	
93	100		
63	84.8	58.6	98.6
95	32.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 39.51 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

Tgt Ion	146	Resp	485581
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.8
75	32.4	24.2	36.4

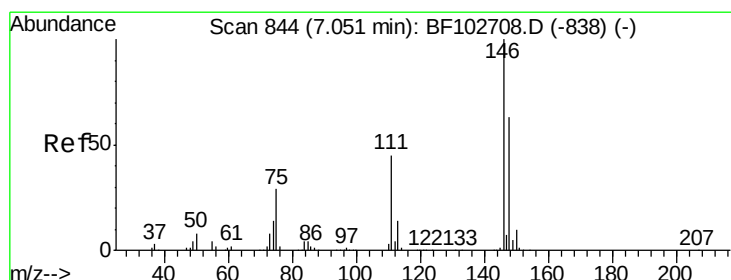
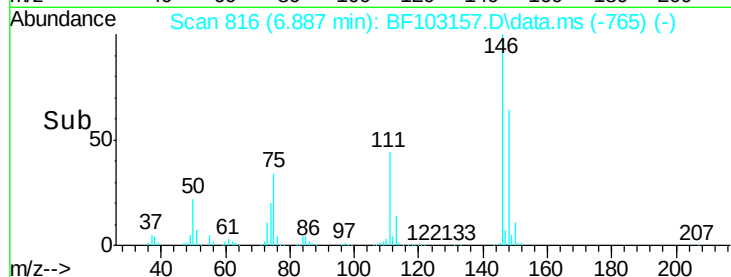
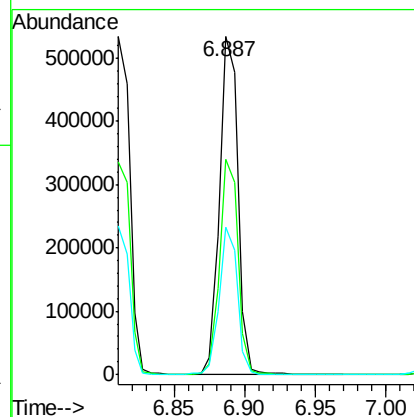
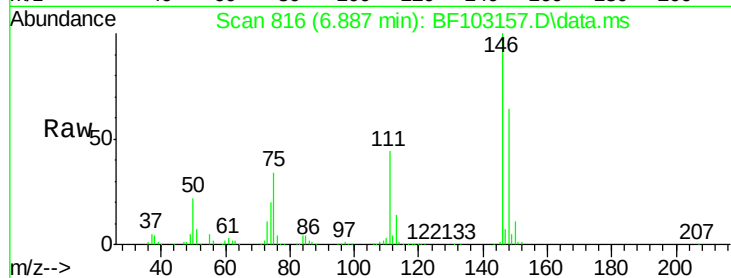




#13
 1,4-Dichlorobenzene
 Concen: 39.79 ng
 RT: 6.887 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

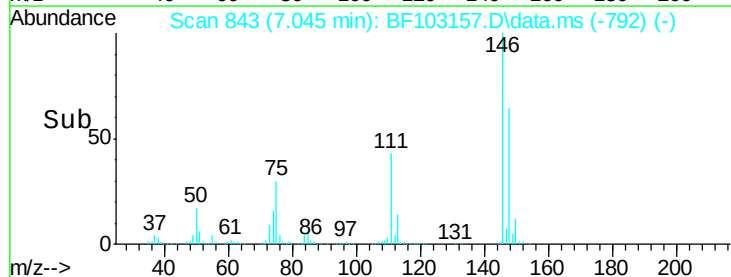
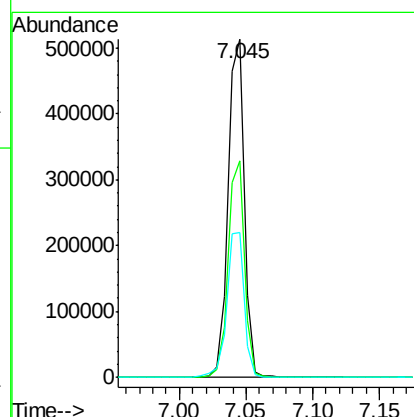
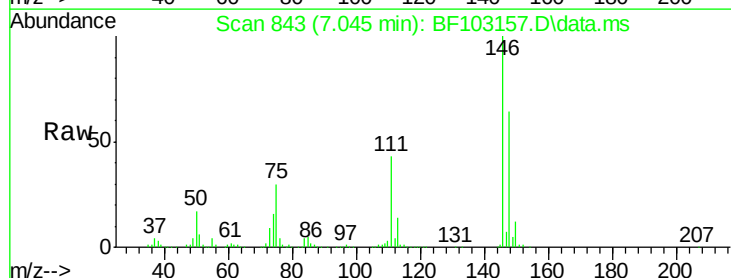
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

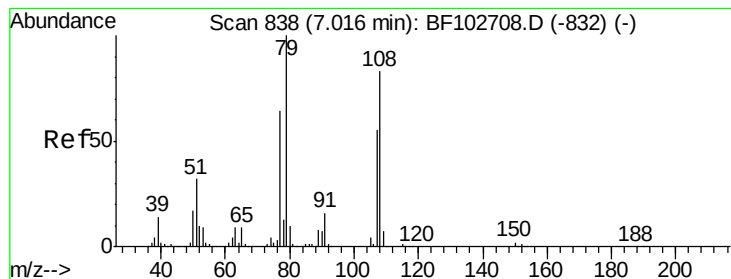
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	43.7	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.97 ng
 RT: 7.045 min Scan# 843
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	42.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.68 ng

RT: 7.016 min Scan# 83

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

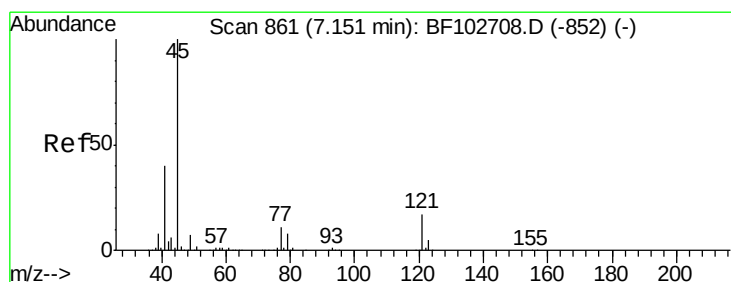
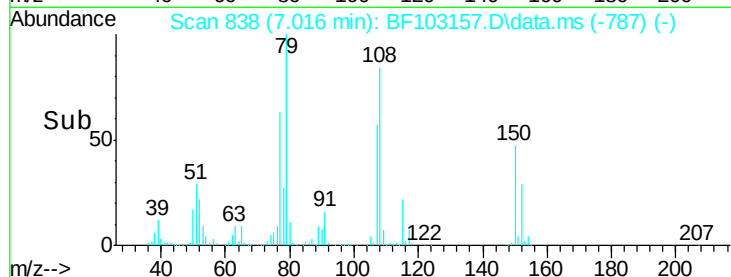
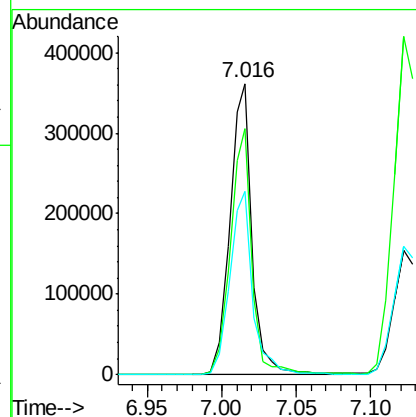
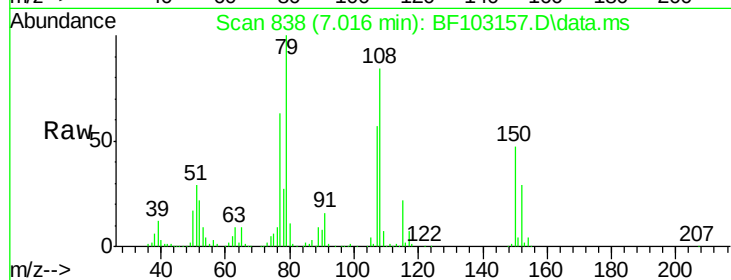
Tot Ion: 79 Resp: 378594

Ion Ratio Lower Upper

79 100

108 84.4 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.80 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

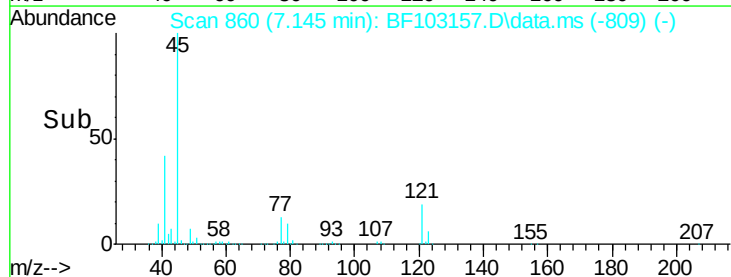
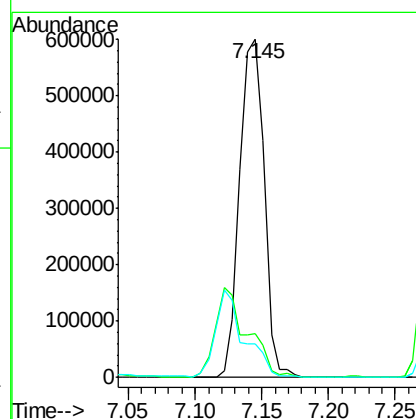
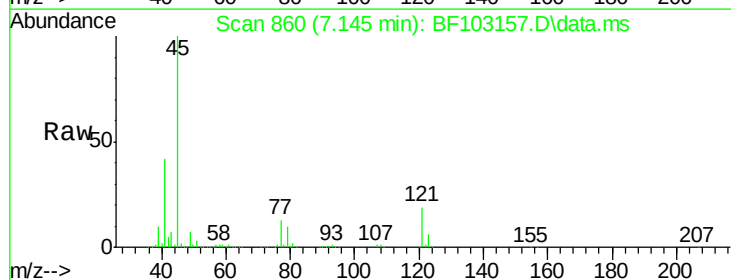
Tgt Ion: 45 Resp: 773757

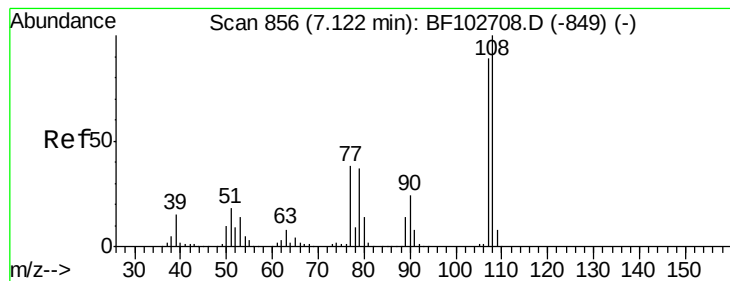
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

79 10.0 0.0 29.6





#17

2-Methylphenol

Concen: 39.48 ng

RT: 7.122 min Scan# 85

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:107 Resp: 386500

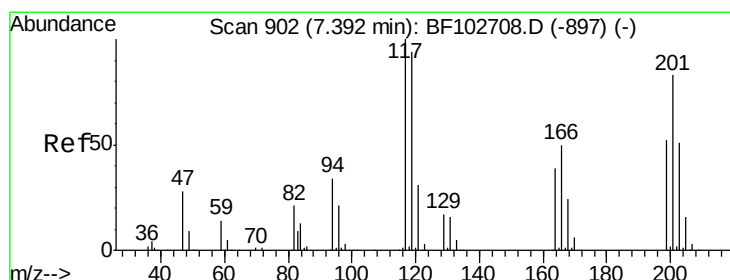
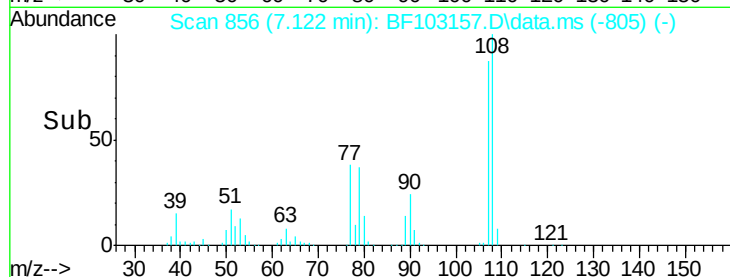
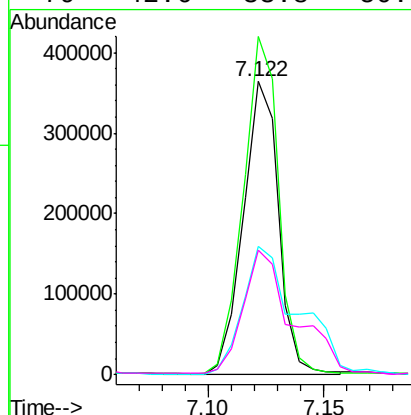
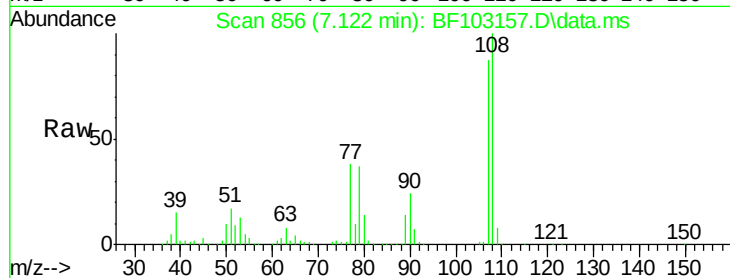
Ion Ratio Lower Upper

107 100

108 115.5 91.7 137.5

77 43.6 33.8 50.8

79 42.6 33.8 50.8



#18

Hexachloroethane

Concen: 42.44 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

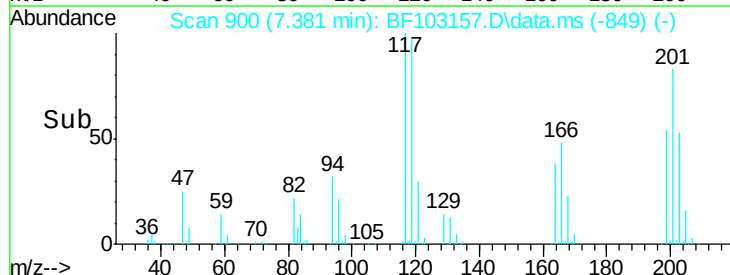
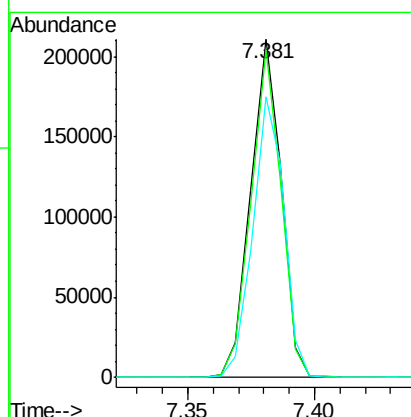
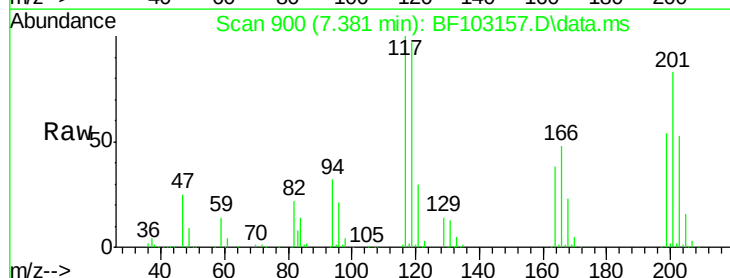
Tgt Ion:117 Resp: 178163

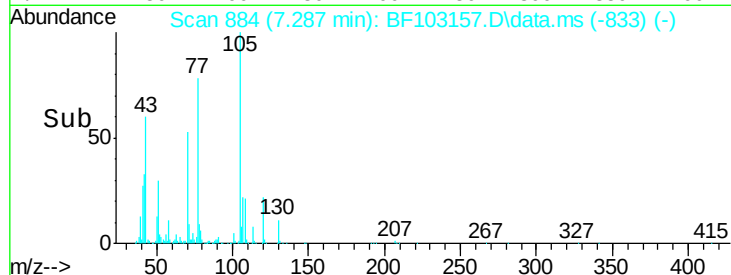
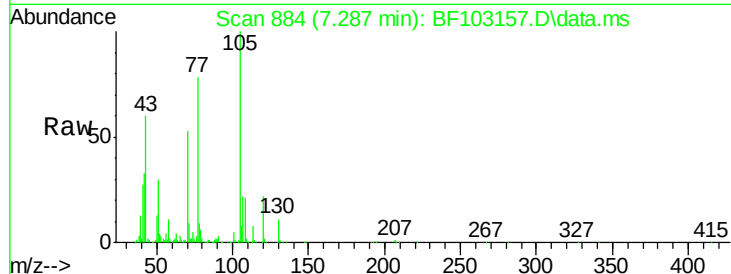
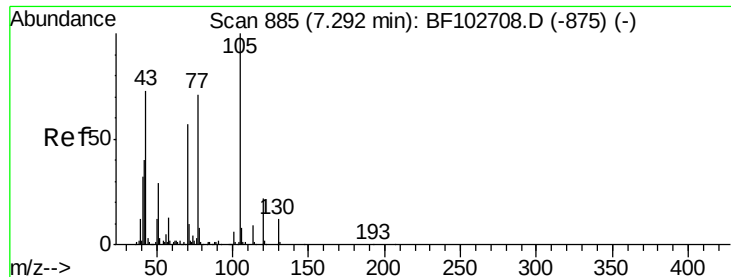
Ion Ratio Lower Upper

117 100

119 97.0 75.8 113.8

201 82.9 75.7 113.5

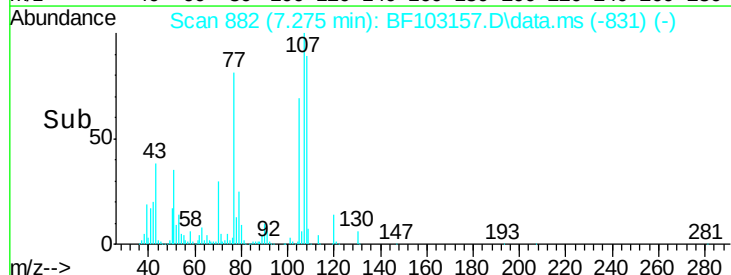
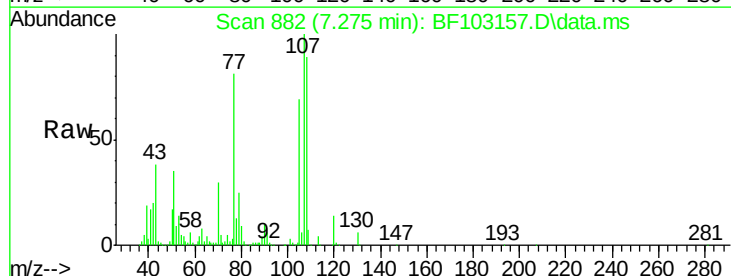
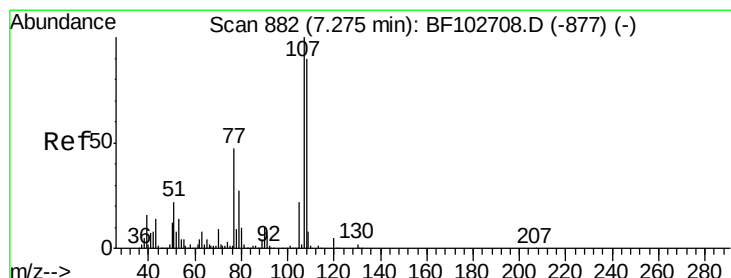
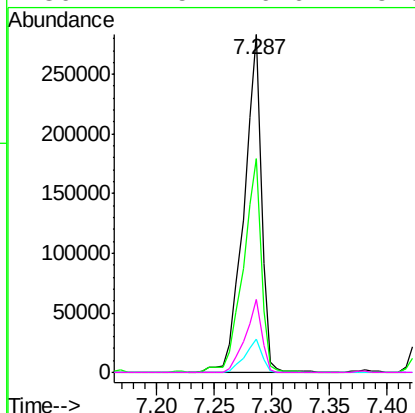




#19
n-Nitroso-di-n-propylamine
Concen: 36.60 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

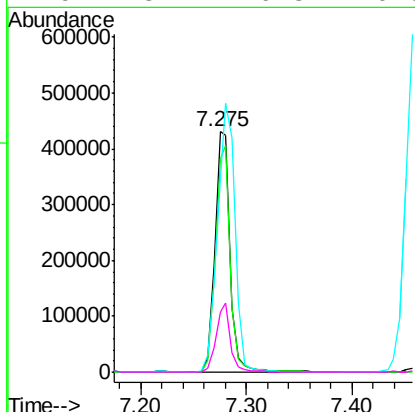
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

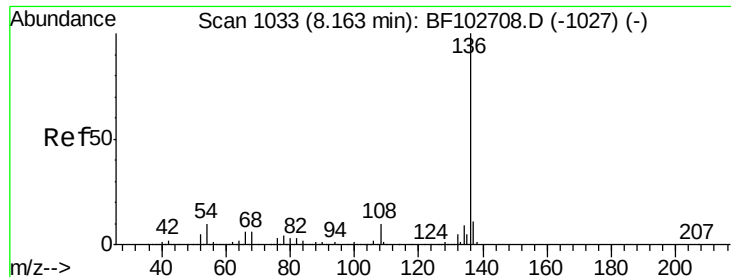
Tot Ion:	70	Resp:	299475
Ion Ratio	Lower	Upper	
70	100		
42	63.3	47.5	71.3
101	9.8	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.52 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

Tgt Ion:	107	Resp:	440793
Ion Ratio	Lower	Upper	
107	100		
108	88.9	68.2	108.2
77	81.1	26.7	66.7#
79	25.1	6.3	46.3

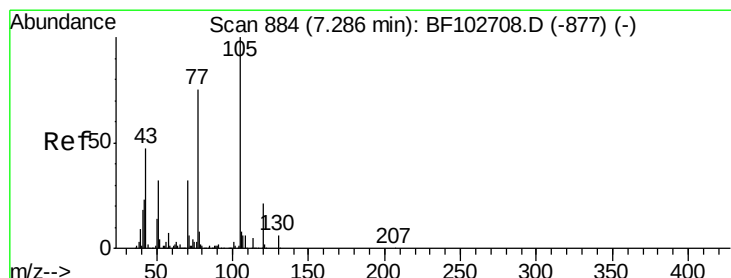
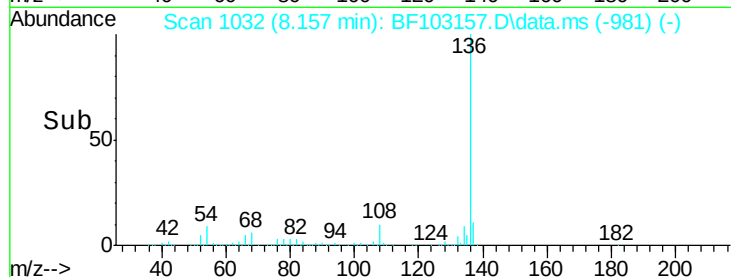
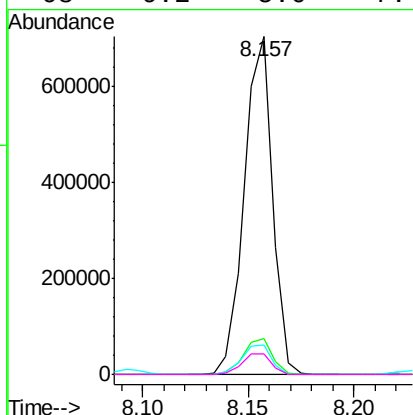
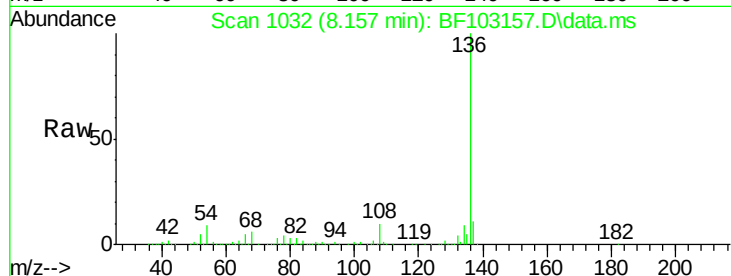




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

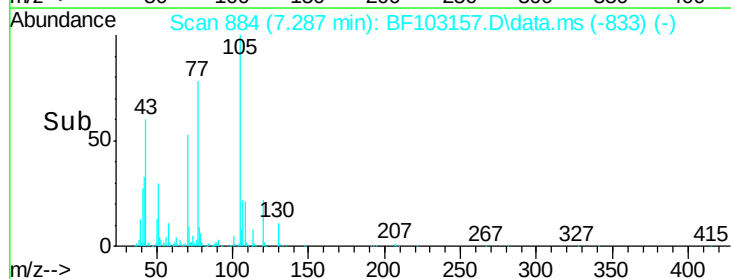
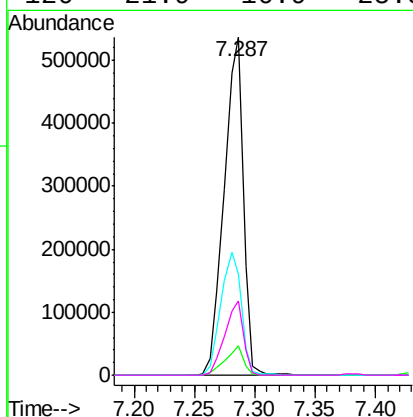
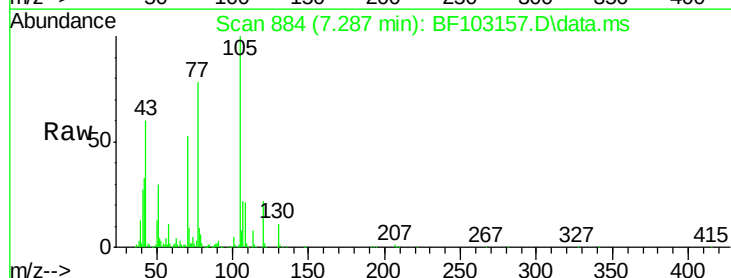
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

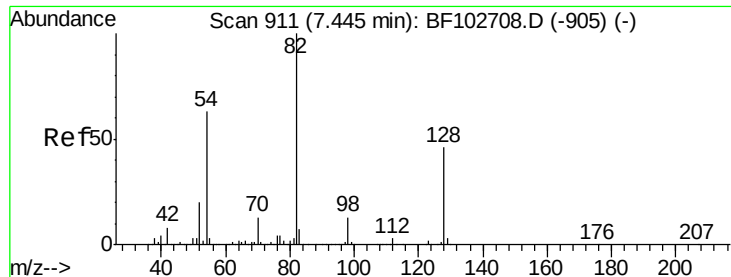
Tot Ion:136	Resp:	653802
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.8	6.6 9.8
68	6.2	5.0 7.4



#22
Acetophenone
Concen: 37.05 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

Tgt Ion:105	Resp:	592753
Ion Ratio	Lower	Upper
105	100	
71	8.8	4.4 6.6#
51	29.9	22.3 33.5
120	21.9	16.9 25.3





#23

Nitrobenzene-d5

Concen: 96.34 ng

RT: 7.439 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

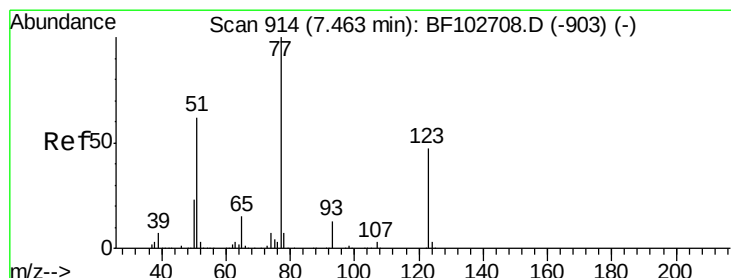
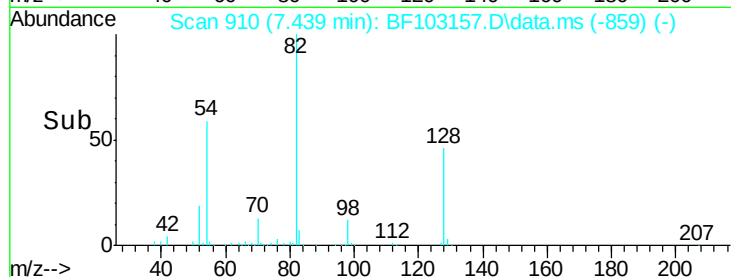
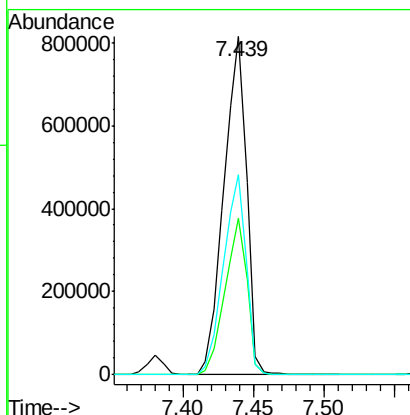
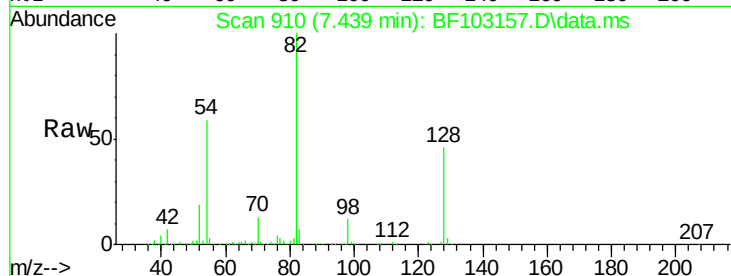
Tot Ion: 82 Resp: 908021

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

54 59.2 41.4 62.2



#24

Nitrobenzene

Concen: 48.44 ng

RT: 7.457 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

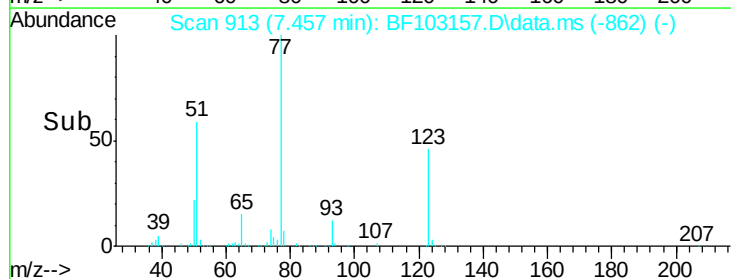
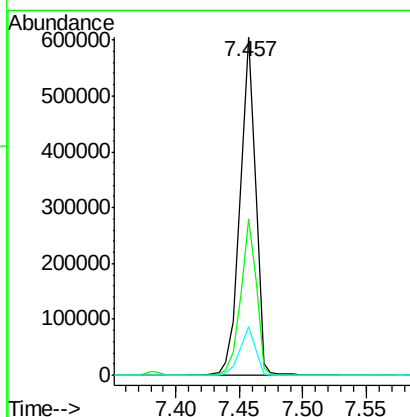
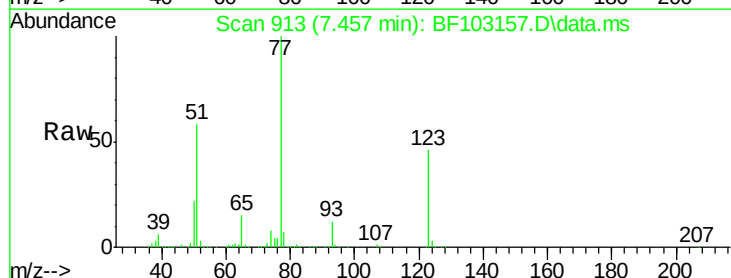
Tgt Ion: 77 Resp: 504413

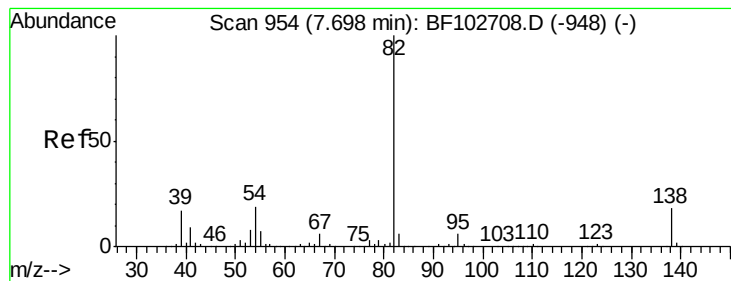
Ion Ratio Lower Upper

77 100

123 46.2 37.9 56.9

65 14.5 11.0 16.4





#25

Isophorone

Concen: 40.77 ng

RT: 7.692 min Scan# 95

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

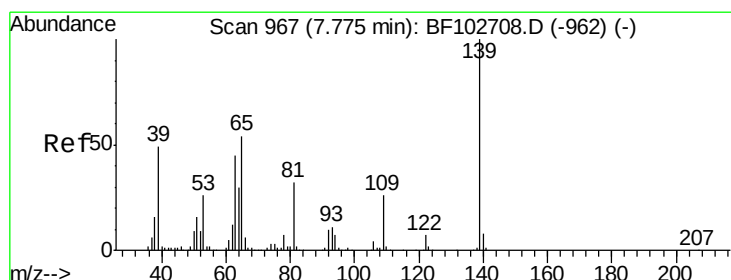
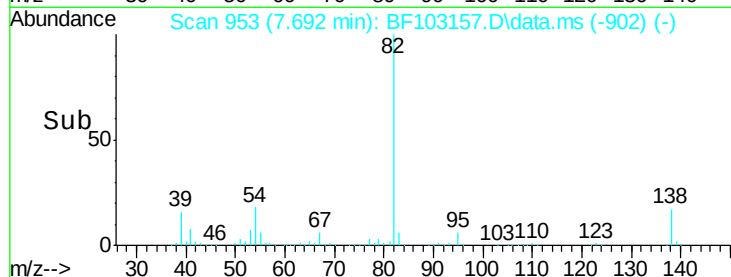
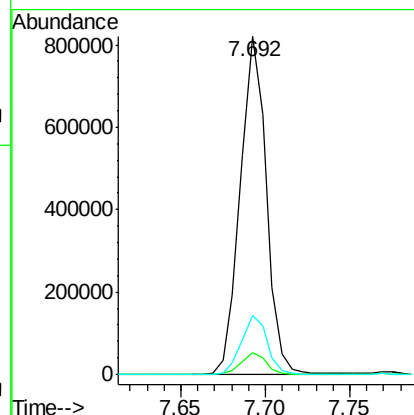
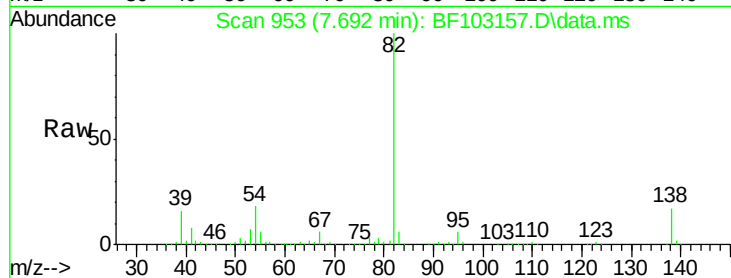
Tot Ion: 82 Resp: 884871

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 63.09 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

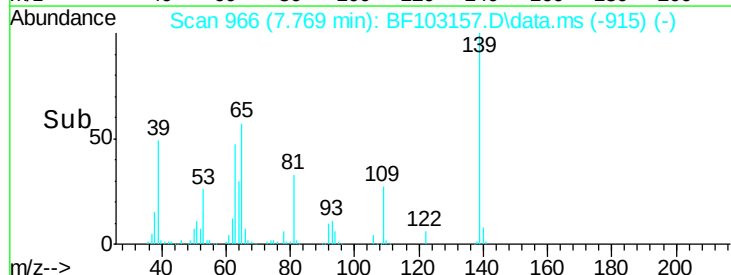
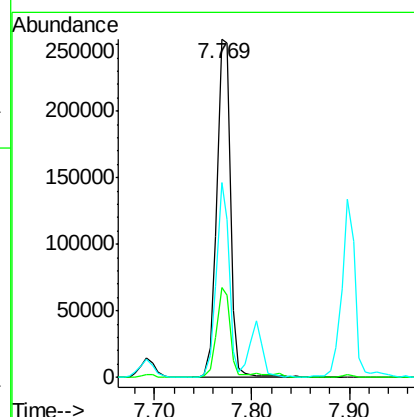
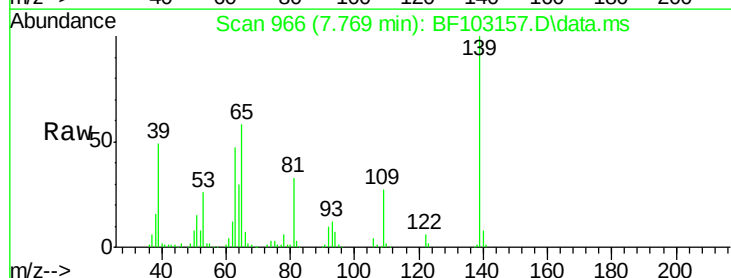
Tgt Ion: 139 Resp: 249180

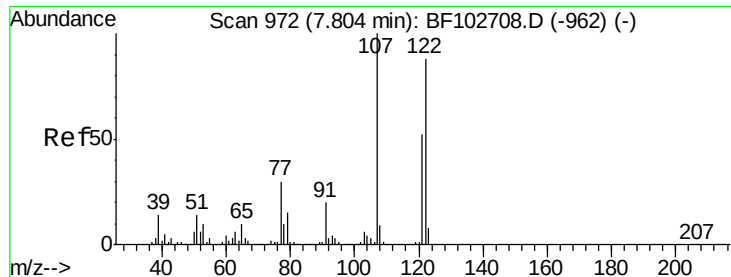
Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

65 57.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.35 ng

RT: 7.804 min Scan# 97

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

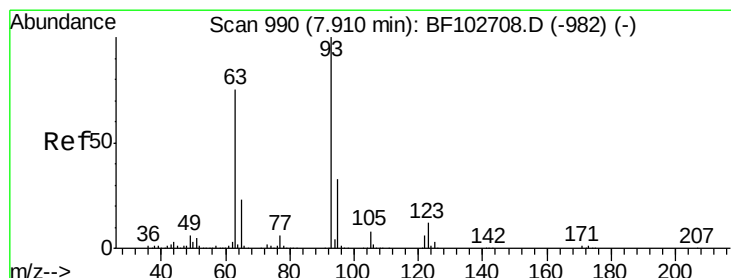
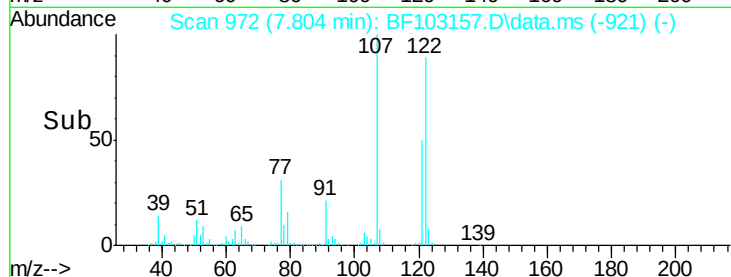
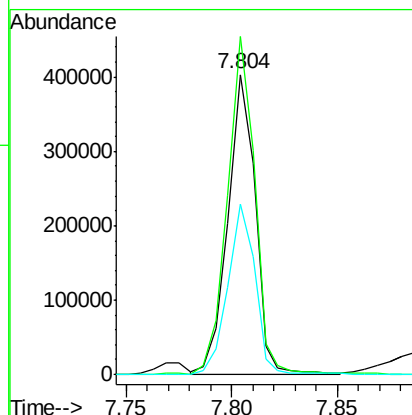
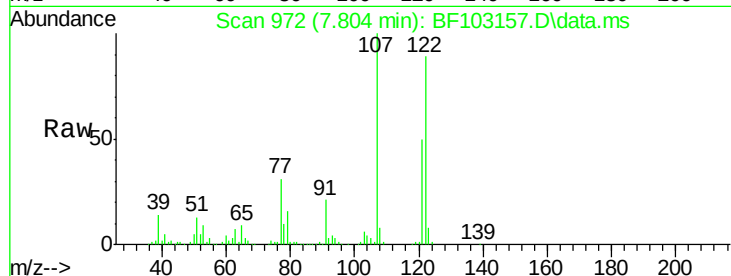
Tot Ion:122 Resp: 360815

Ion Ratio Lower Upper

122 100

107 112.8 91.2 136.8

121 56.8 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.89 ng

RT: 7.898 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

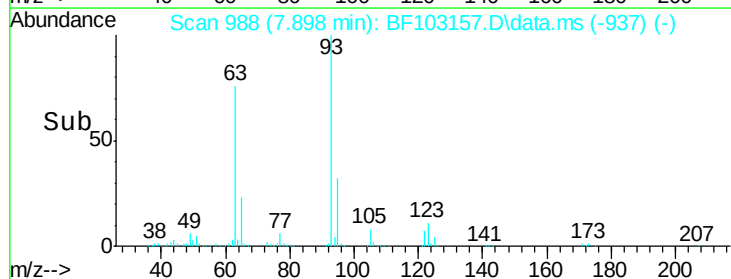
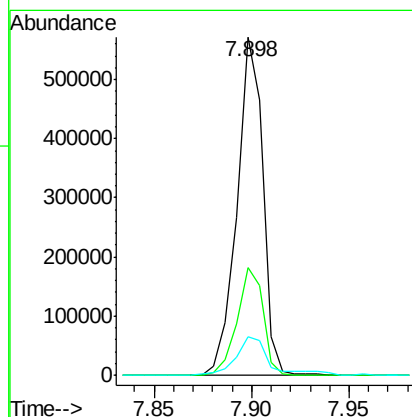
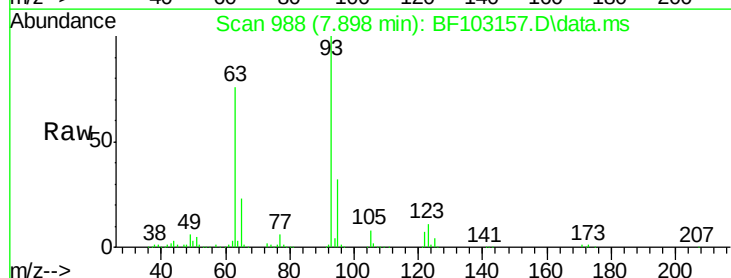
Tgt Ion: 93 Resp: 525727

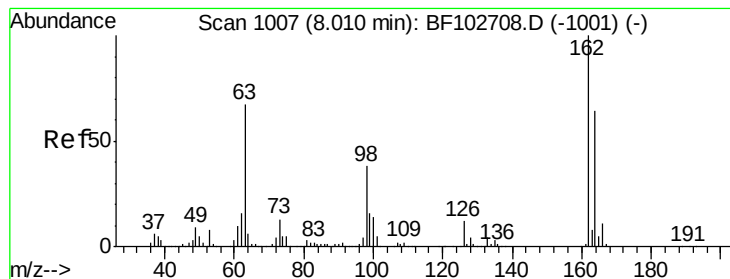
Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

123 11.4 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 41.69 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

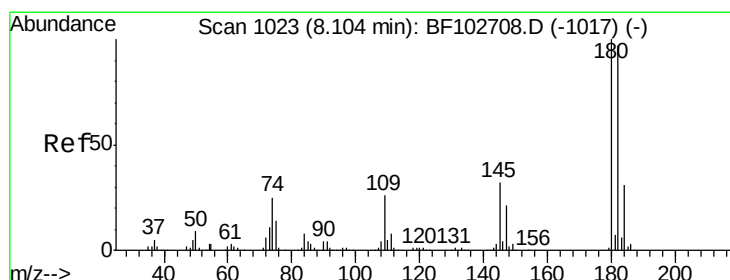
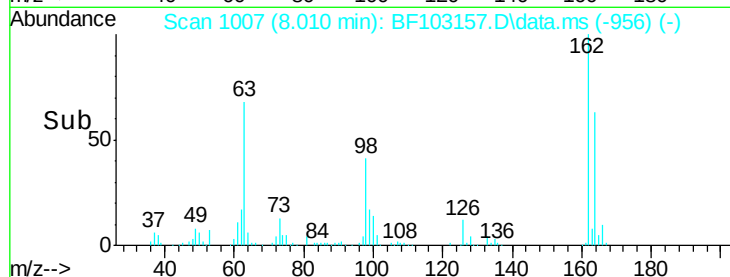
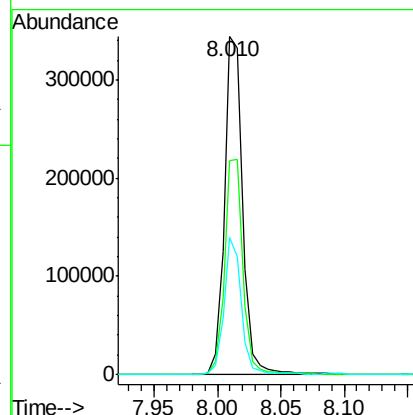
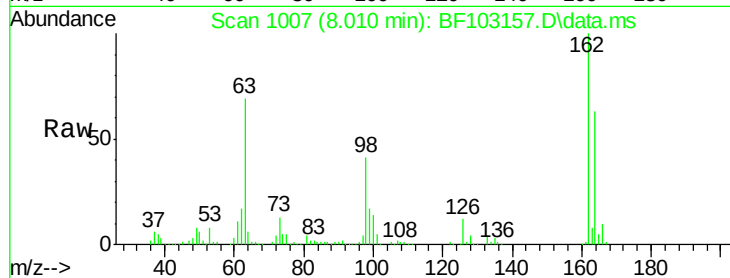
Tot Ion:162 Resp: 347492

Ion Ratio Lower Upper

162 100

164 63.2 42.7 82.7

98 40.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 39.17 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

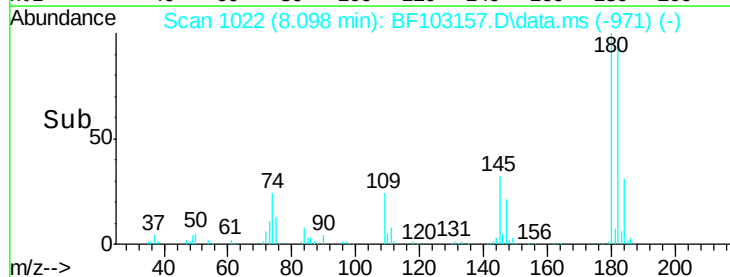
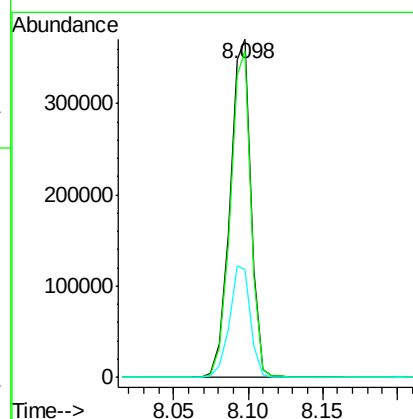
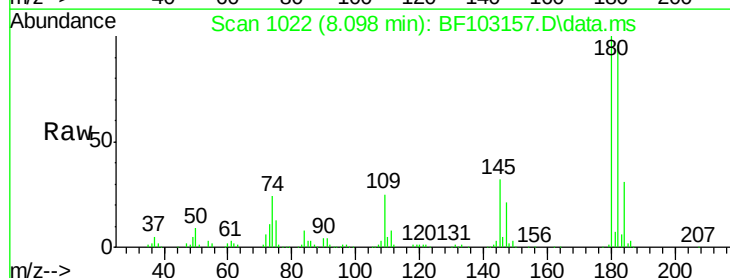
Tgt Ion:180 Resp: 369357

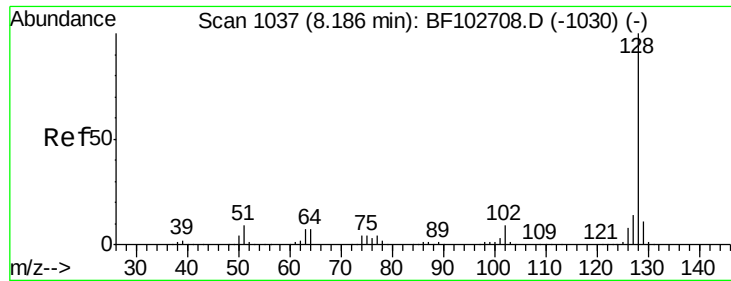
Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

145 31.8 26.5 39.7





#31

Naphthalene

Concen: 39.32 ng

RT: 8.181 min Scan# 1037

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

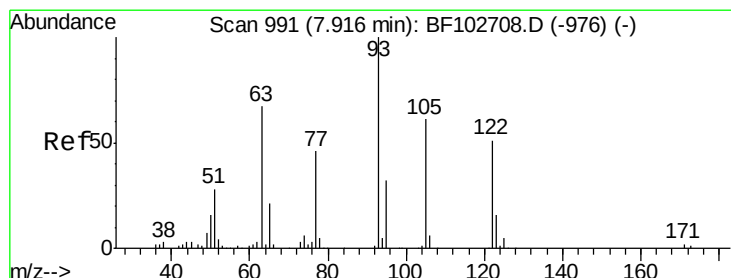
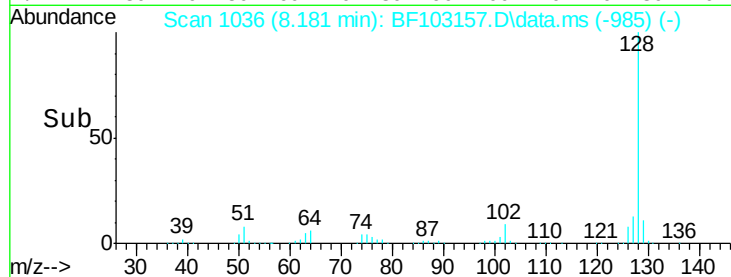
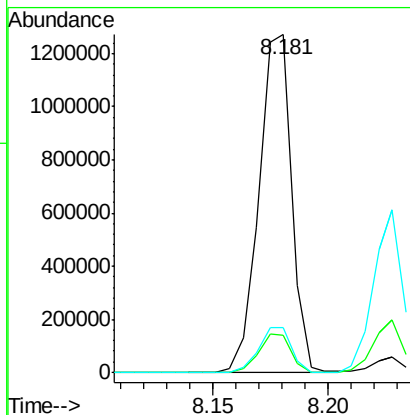
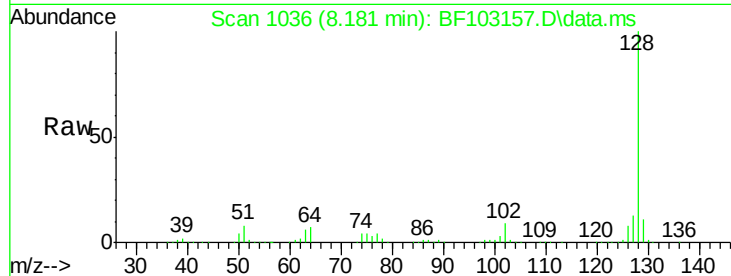
Tot Ion:128 Resp: 1256072

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.4 10.9 16.3



#32

Benzoic acid

Concen: 44.93 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

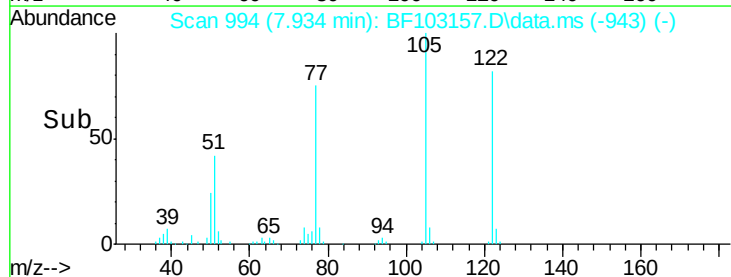
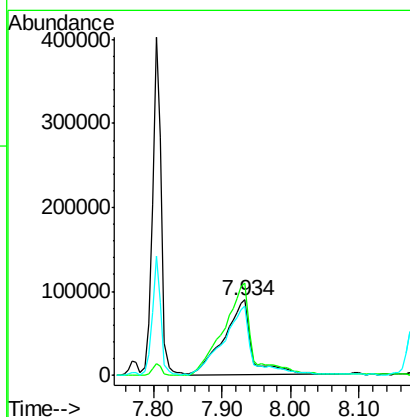
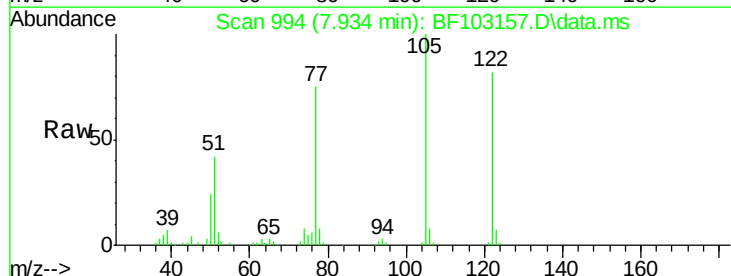
Tgt Ion:122 Resp: 253821

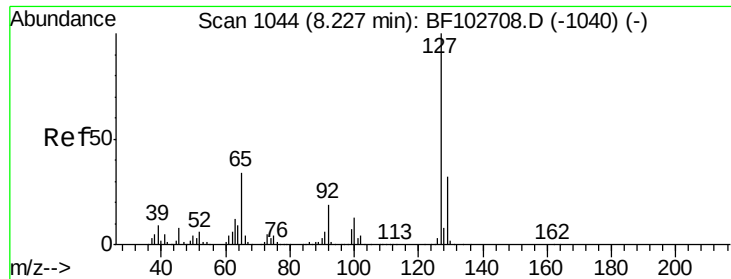
Ion Ratio Lower Upper

122 100

105 122.3 101.1 141.1

77 92.0 70.7 110.7

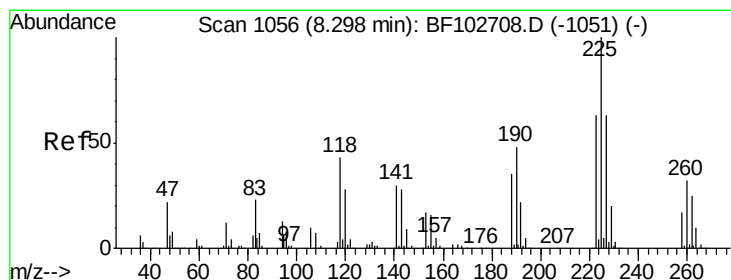
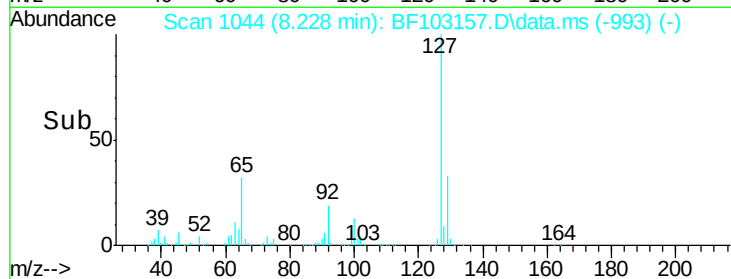
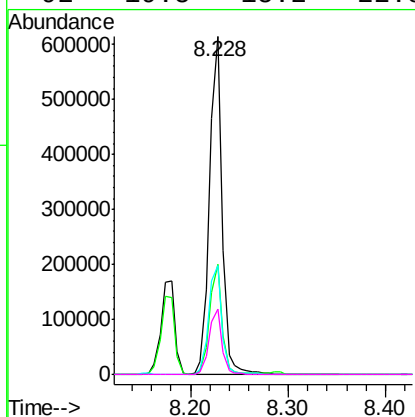
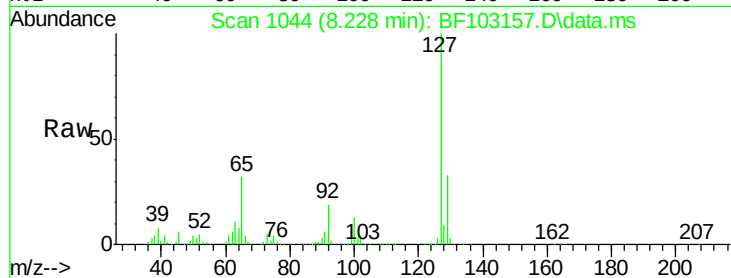




#33
4-Chloroaniline
Concen: 40.28 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

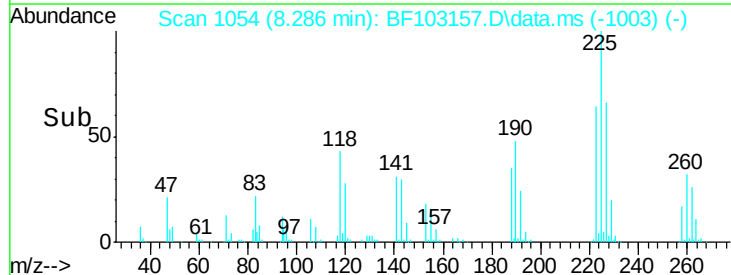
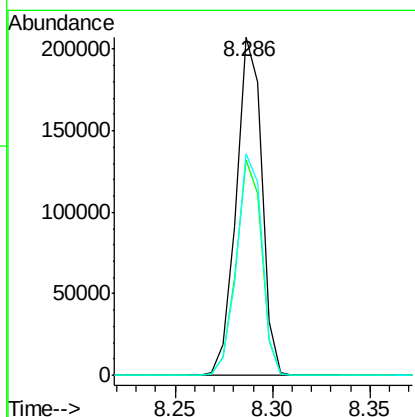
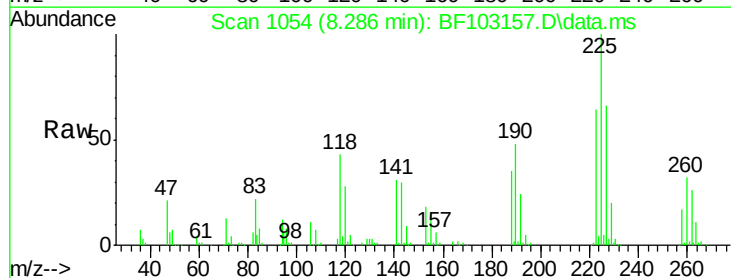
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

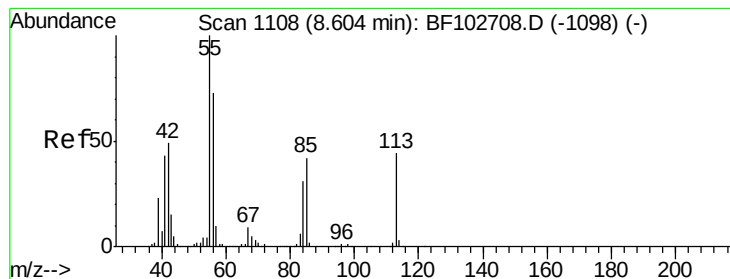
Tot Ion:	127	Resp:	554226
Ion Ratio		Lower	Upper
127	100		
129	32.5	25.9	38.9
65	32.3	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.09 ng
RT: 8.286 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

Tgt Ion:	225	Resp:	188867
Ion Ratio		Lower	Upper
225	100		
223	63.7	50.6	76.0
227	65.6	51.9	77.9





#35

Caprolactam

Concen: 43.26 ng

RT: 8.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

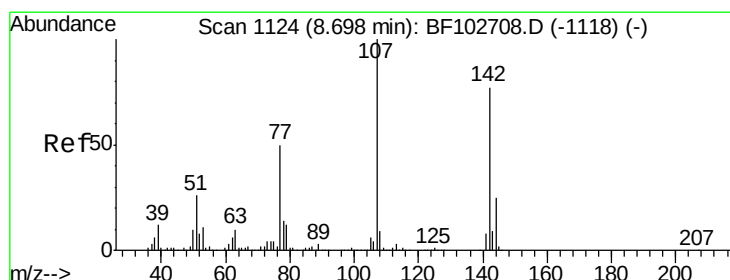
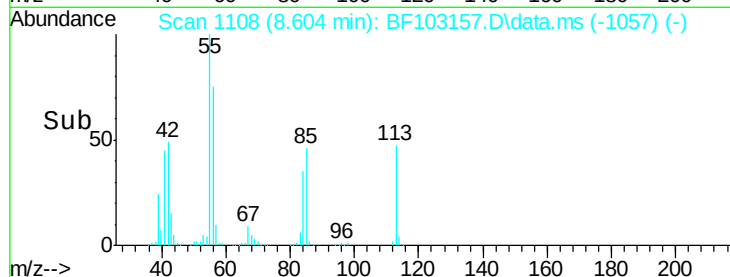
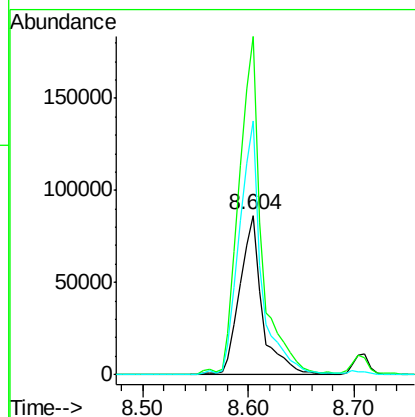
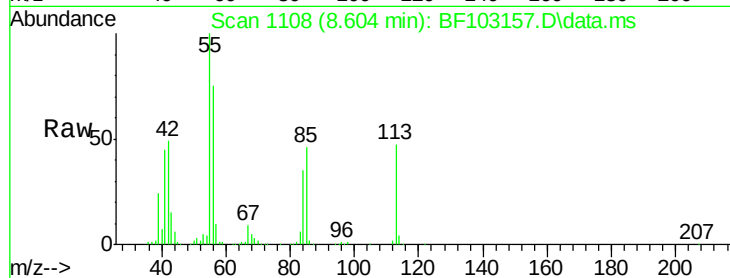
Tot Ion:113 Resp: 125234

Ion Ratio Lower Upper

113 100

55 212.5 163.3 203.3#

56 159.8 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 41.96 ng

RT: 8.710 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

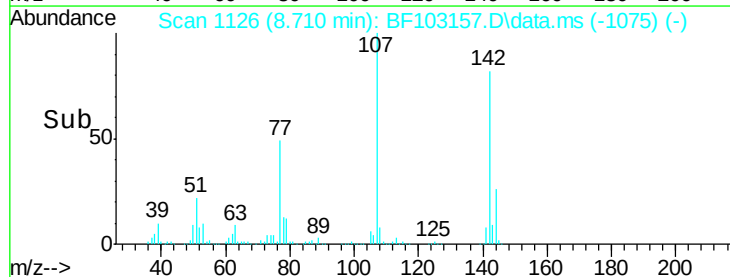
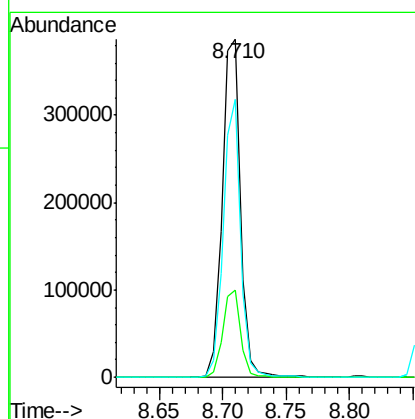
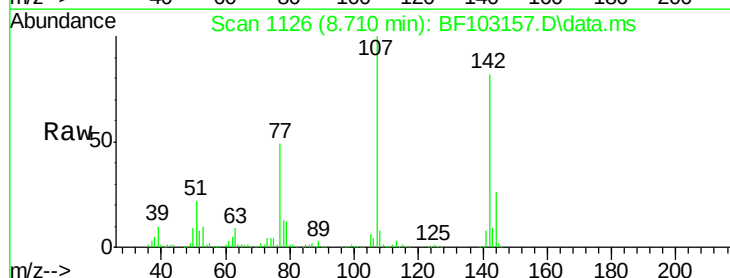
Tgt Ion:107 Resp: 392929

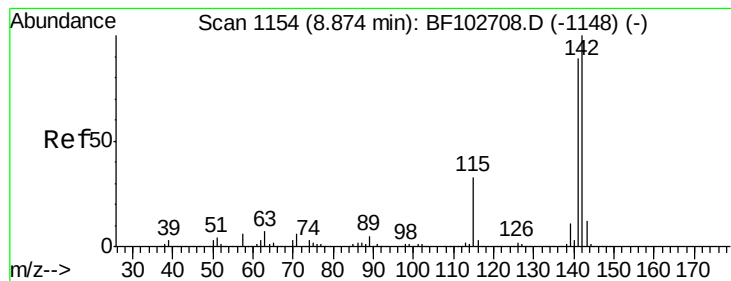
Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

142 82.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.60 ng

RT: 8.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

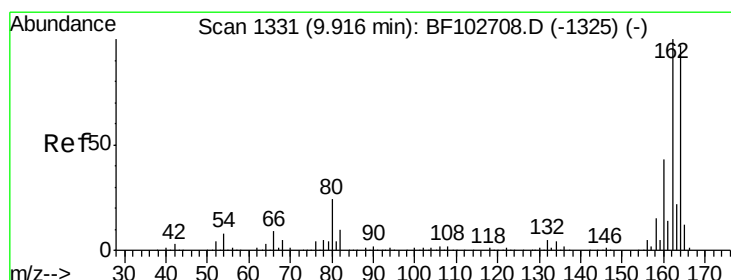
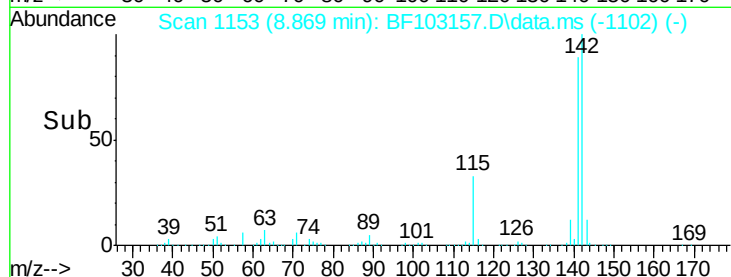
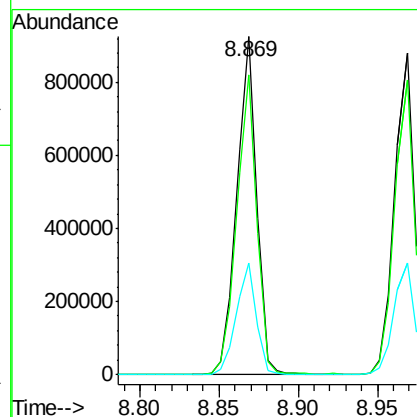
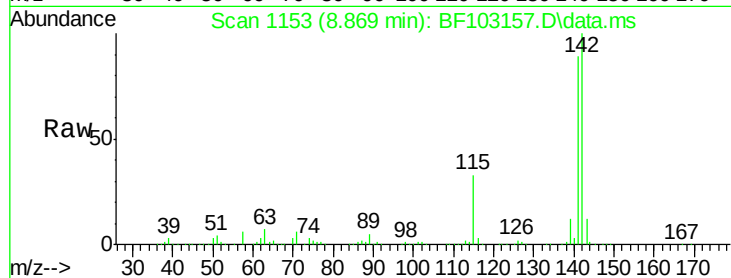
Tot Ion:142 Resp: 807234

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2

115 33.2 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

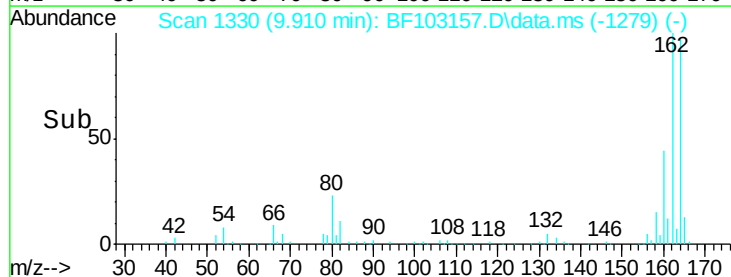
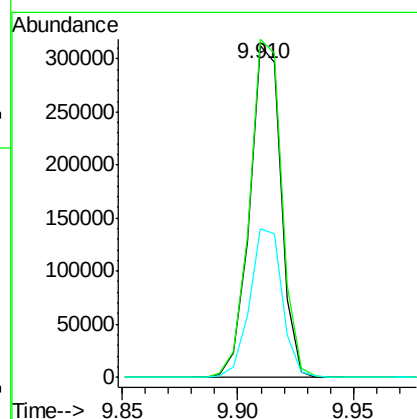
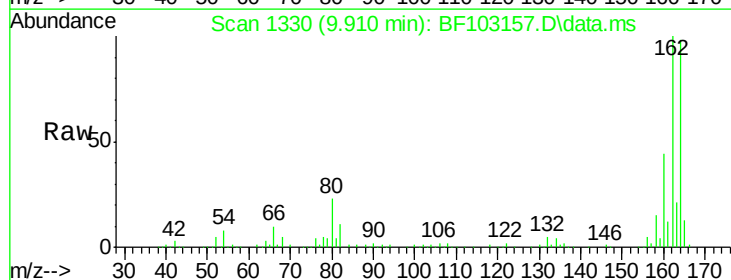
Tgt Ion:164 Resp: 297586

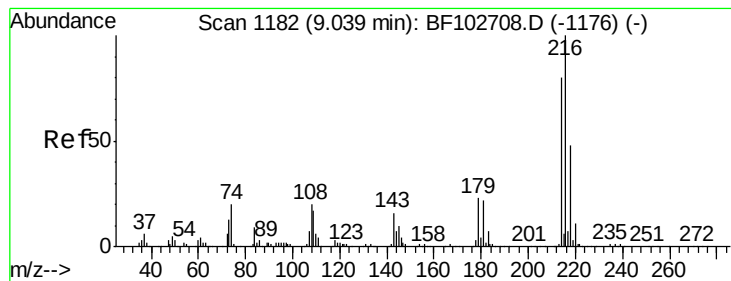
Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

160 44.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.05 ng

RT: 9.033 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:216 Resp: 324509

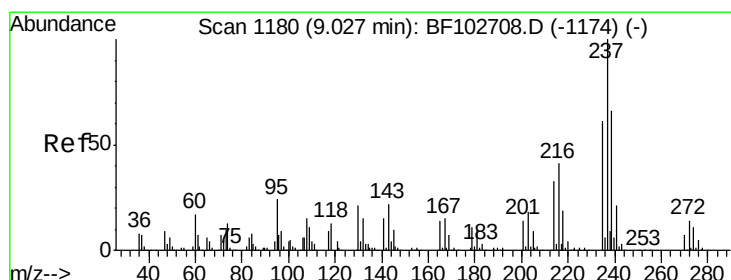
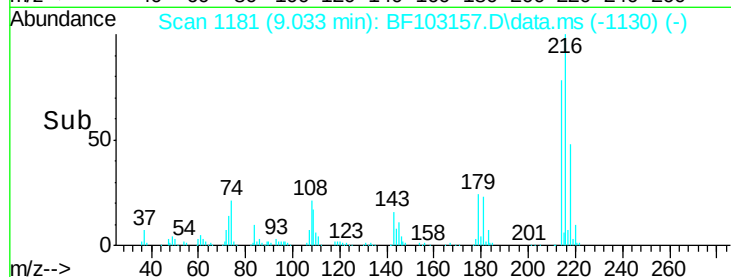
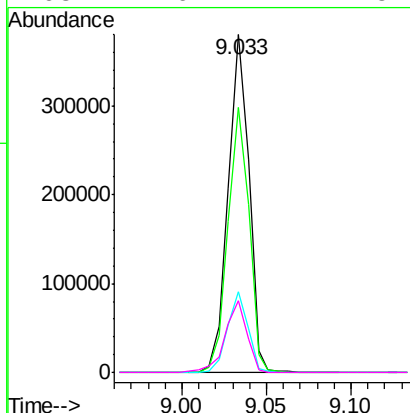
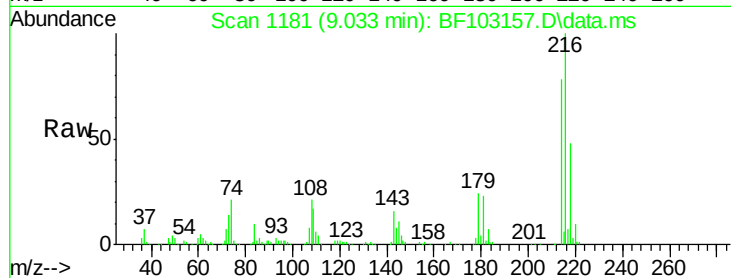
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 23.4 18.1 27.1

108 22.6 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 24.59 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

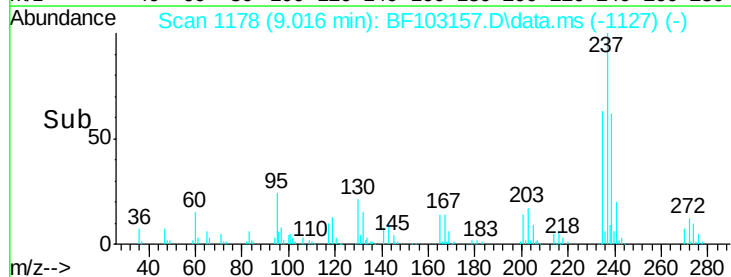
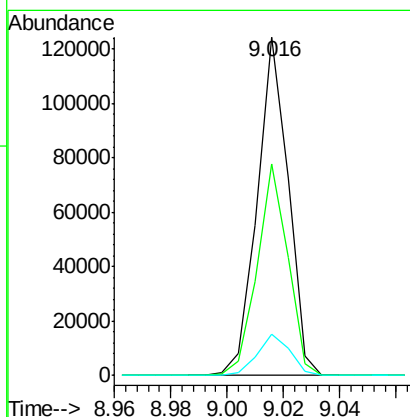
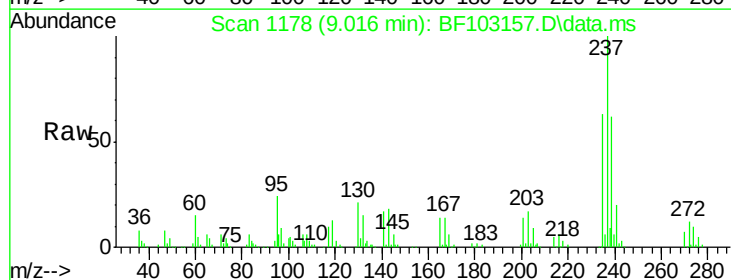
Tgt Ion:237 Resp: 94713

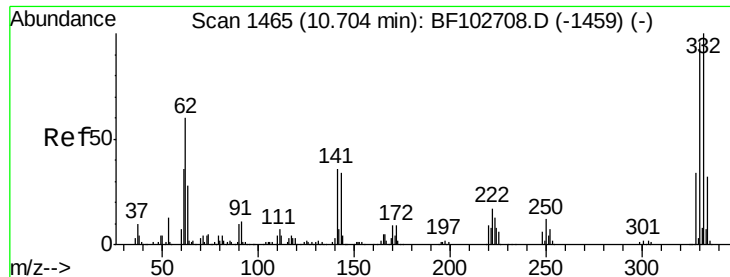
Ion Ratio Lower Upper

237 100

235 62.5 44.8 84.8

272 12.2 0.0 33.3





#41

2,4,6-Tribromophenol

Concen: 86.69 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

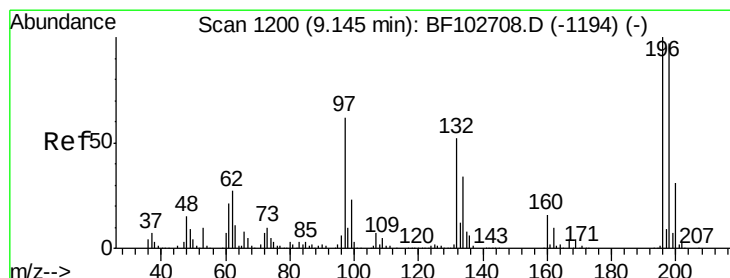
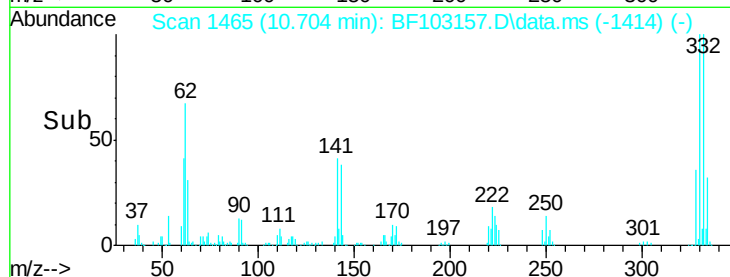
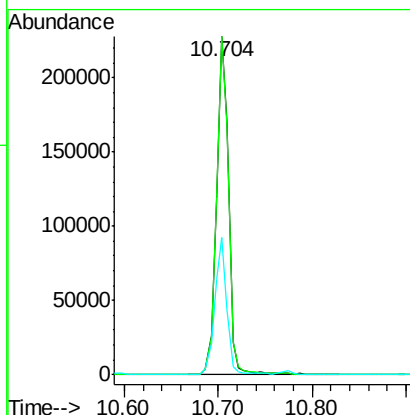
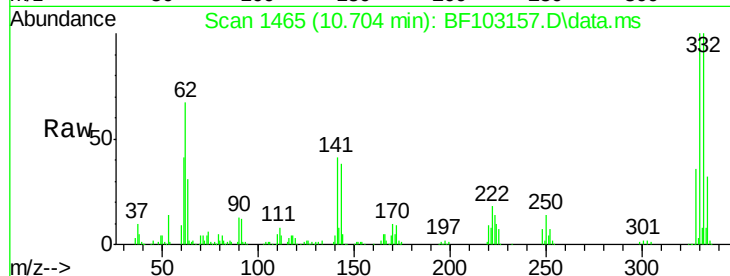
Tot Ion:330 Resp: 207636

Ion Ratio Lower Upper

330 100

332 99.7 77.0 115.6

141 40.1 29.9 44.9



#42

2,4,6-Trichlorophenol

Concen: 41.79 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

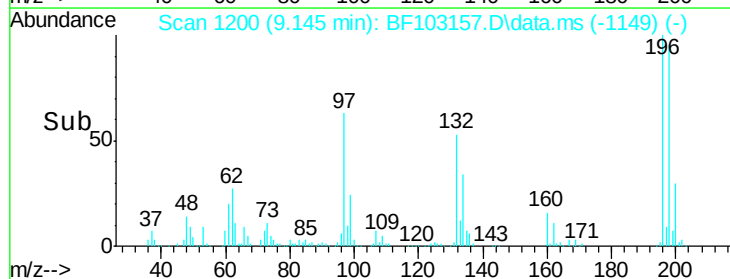
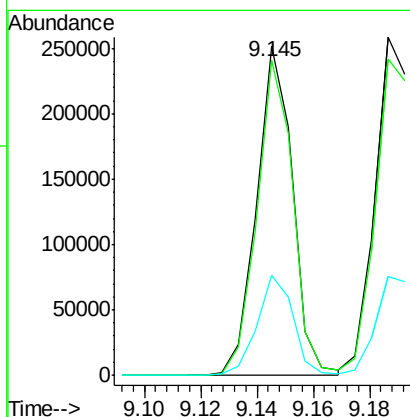
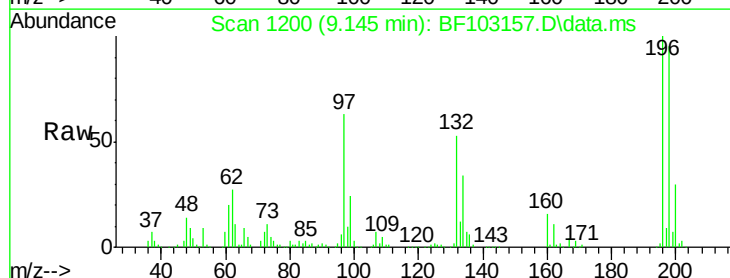
Tgt Ion:196 Resp: 222426

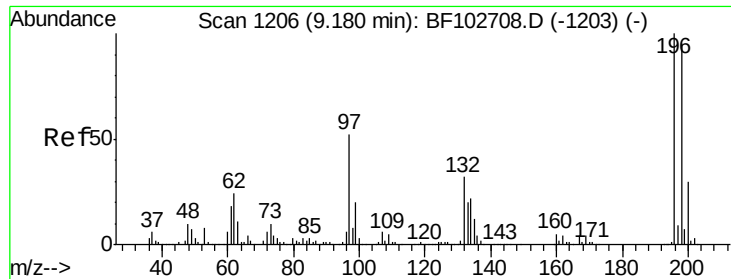
Ion Ratio Lower Upper

196 100

198 95.4 75.7 113.5

200 30.5 24.5 36.7

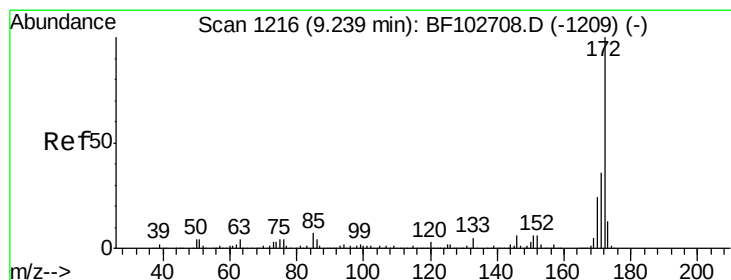
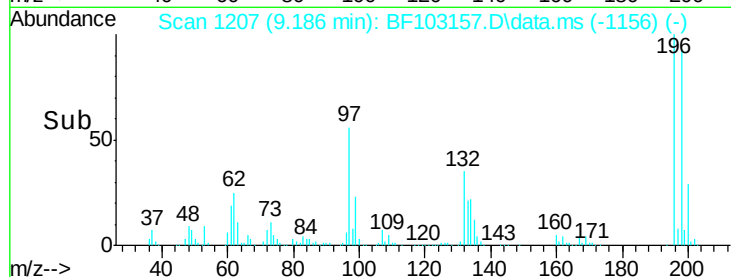
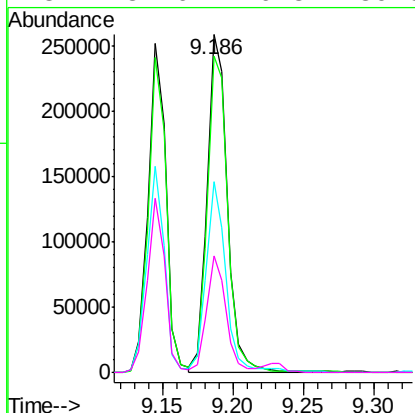
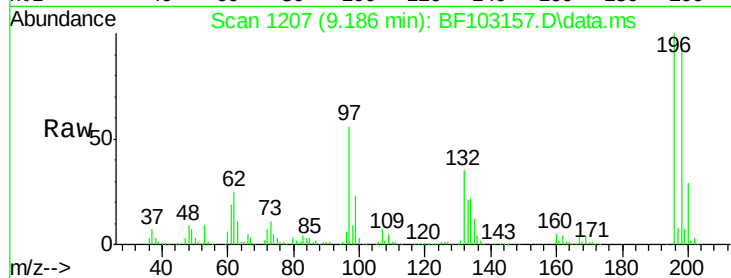




#43
 2,4,5-Trichlorophenol
 Concen: 42.67 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

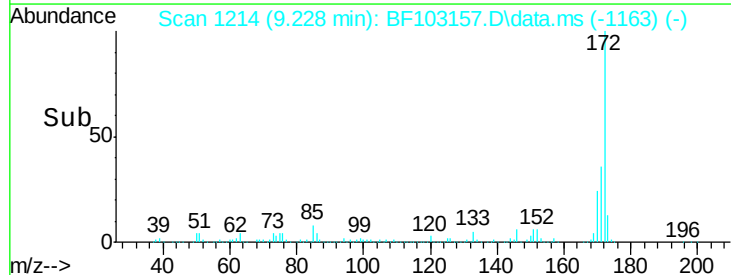
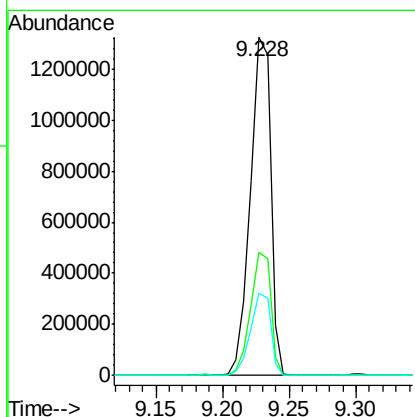
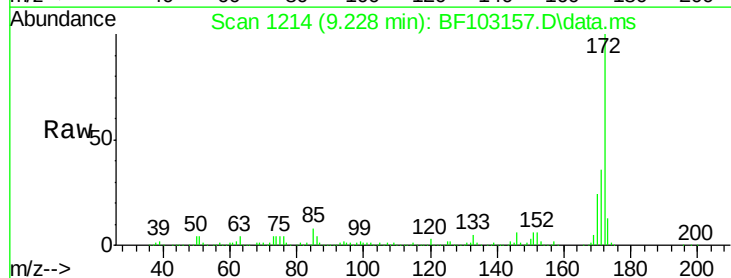
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

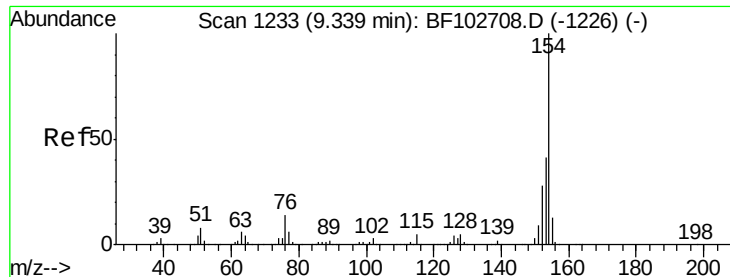
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	112.0
97	56.3	42.9	64.3
132	34.6	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 76.99 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

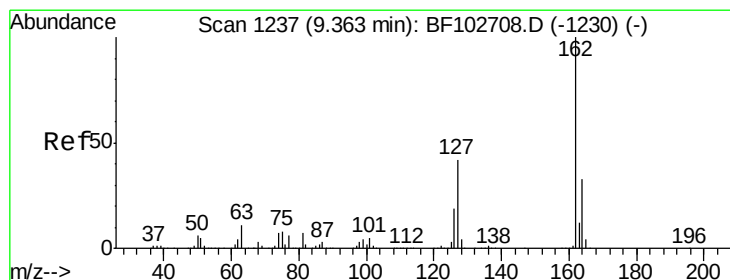
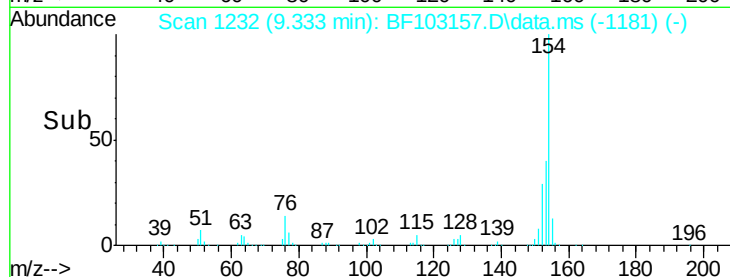
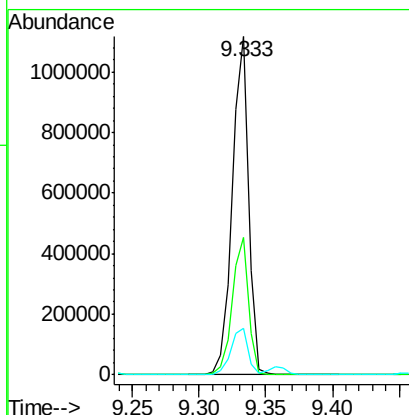
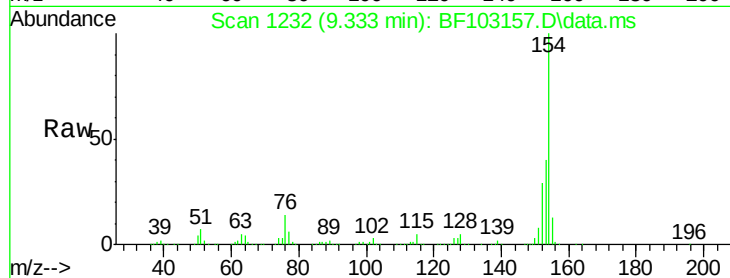




#45
 1,1'-Biphenyl
 Concen: 38.50 ng
 RT: 9.333 min Scan# 1233
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

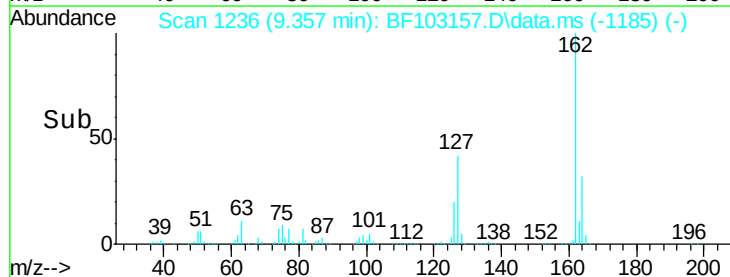
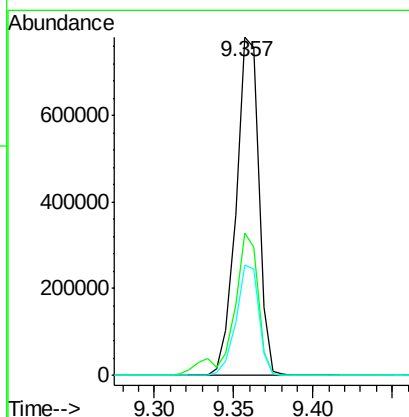
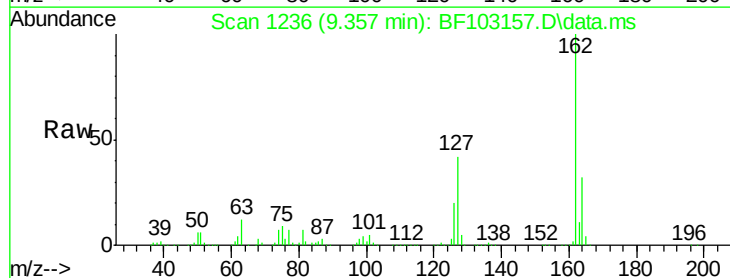
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

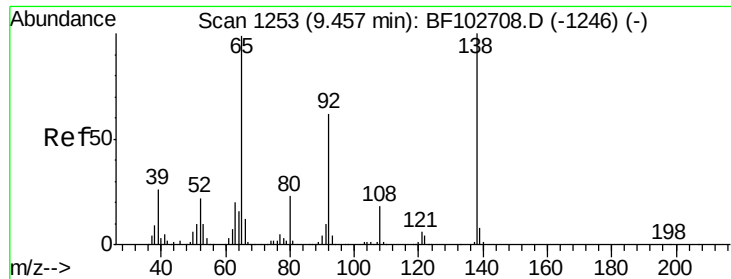
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	13.8	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.35 ng
 RT: 9.357 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.9	50.9
164	32.5	26.5	39.7





#47

2-Nitroaniline

Concen: 59.22 ng

RT: 9.457 min Scan# 12

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

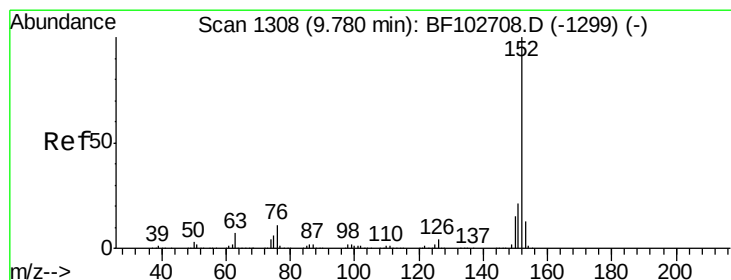
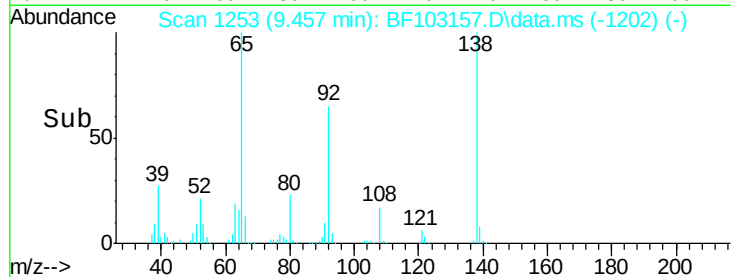
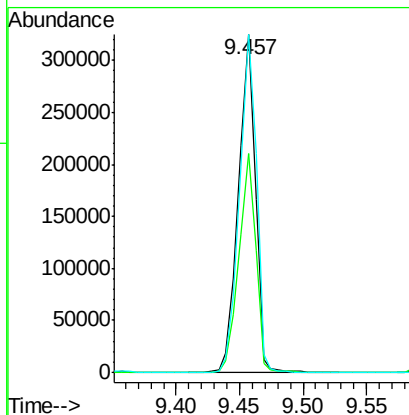
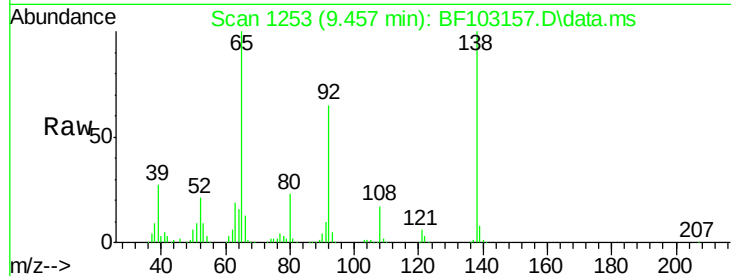
Tot Ion: 65 Resp: 298133

Ion Ratio Lower Upper

65 100

92 64.9 55.8 83.6

138 100.2 91.2 136.8



#48

Acenaphthylene

Concen: 38.93 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

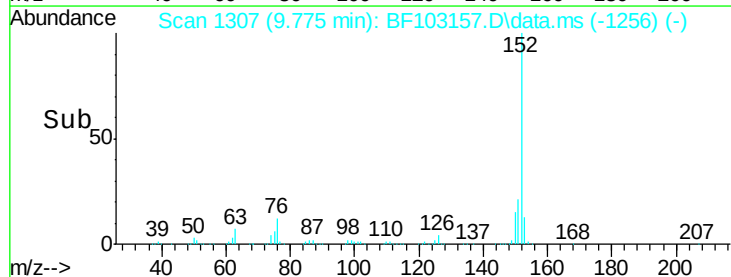
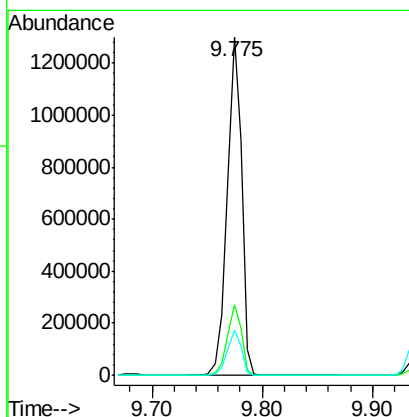
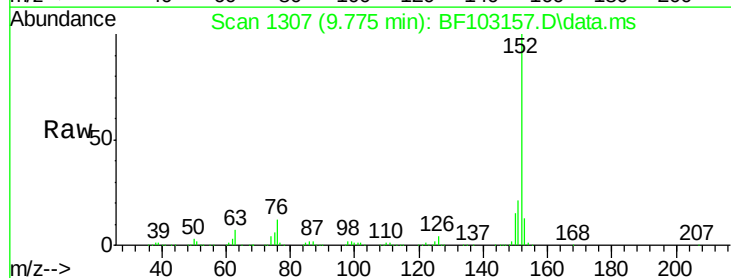
Tgt Ion: 152 Resp: 1193273

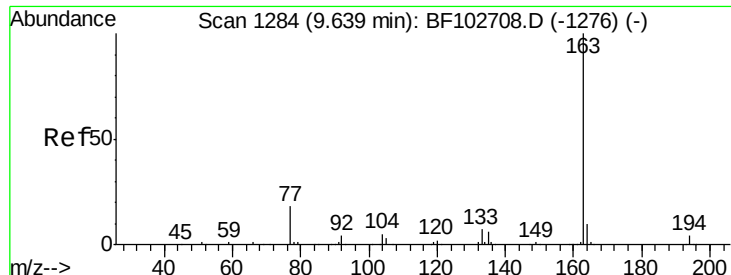
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 40.28 ng

RT: 9.633 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

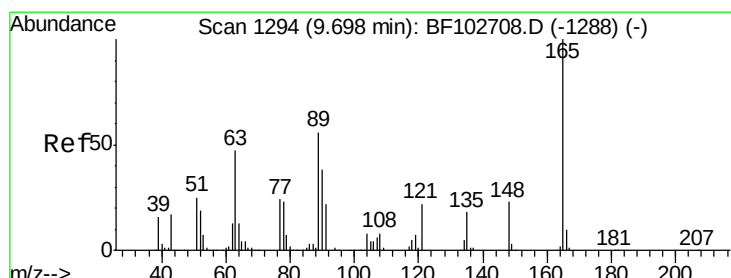
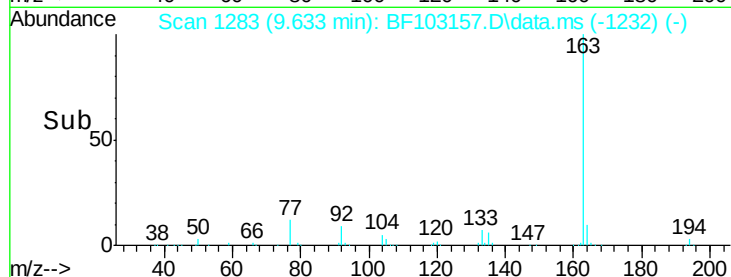
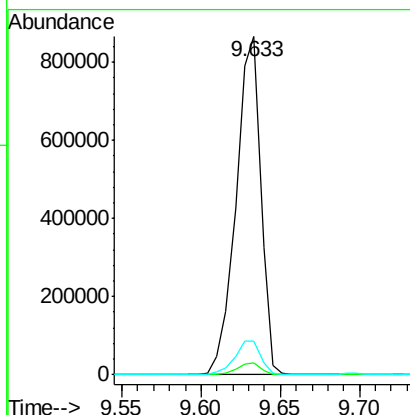
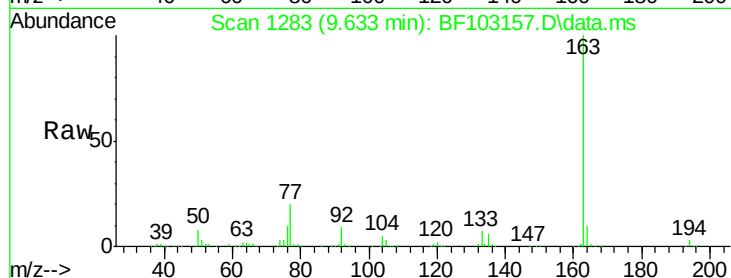
Tot Ion:163 Resp: 934566

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

164 10.0 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 45.93 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

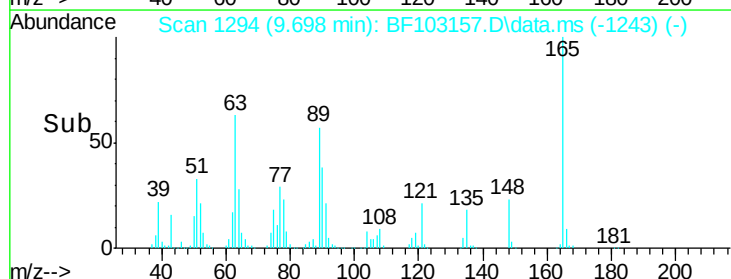
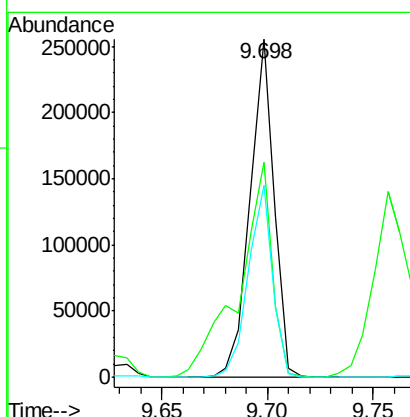
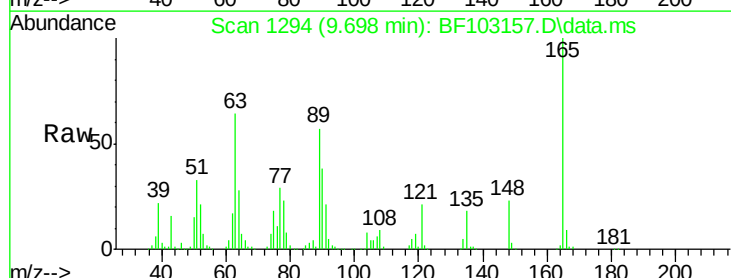
Tgt Ion:165 Resp: 202743

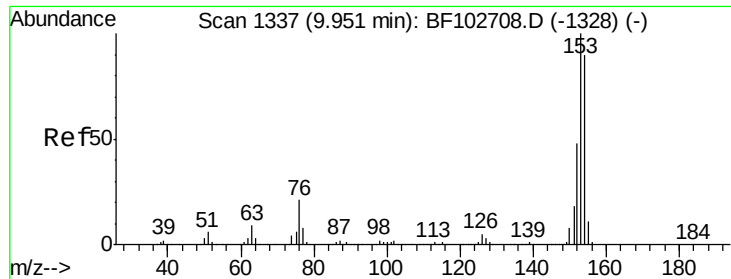
Ion Ratio Lower Upper

165 100

63 63.6 44.7 67.1

89 56.7 44.0 66.0





#51

Acenaphthene

Concen: 37.52 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

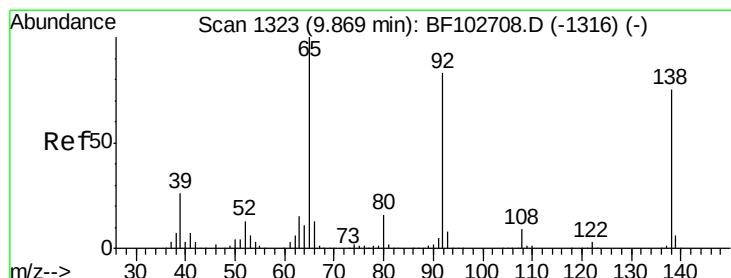
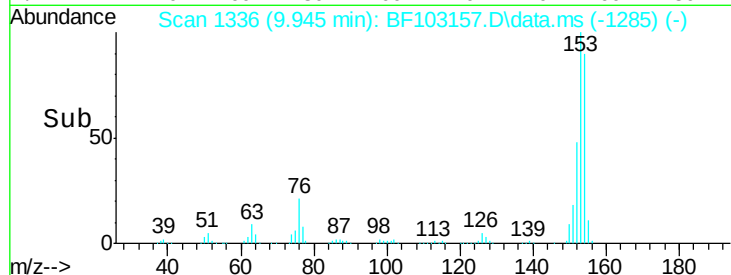
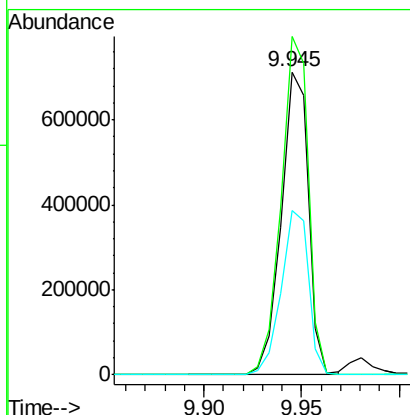
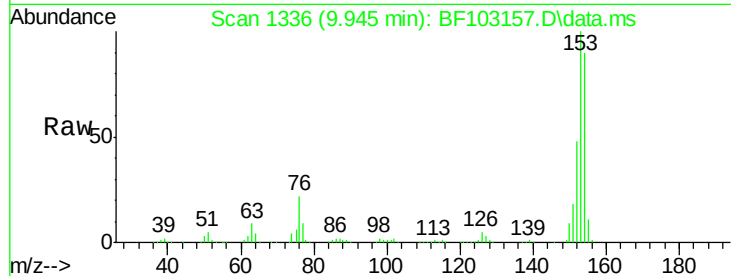
Tot Ion:154 Resp: 687664

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

152 54.1 43.8 65.8



#52

3-Nitroaniline

Concen: 47.25 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

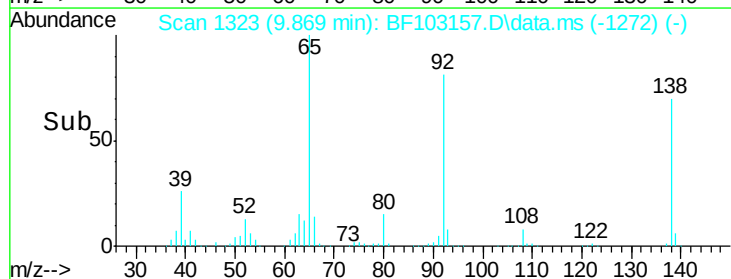
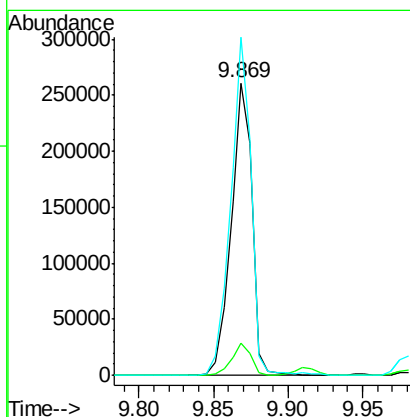
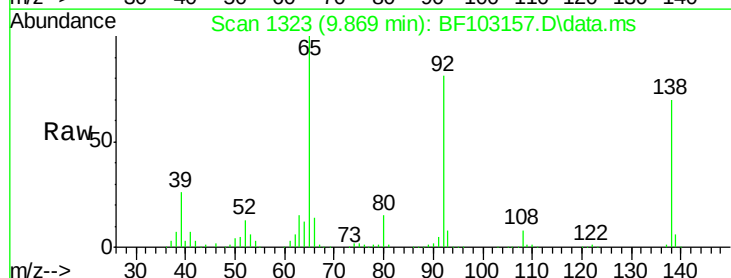
Tgt Ion:138 Resp: 256656

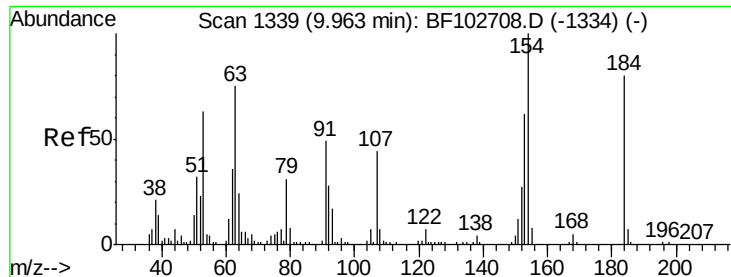
Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

92 115.7 89.4 134.2





#53

2,4-Dinitrophenol

Concen: 63.06 ng

RT: 9.980 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

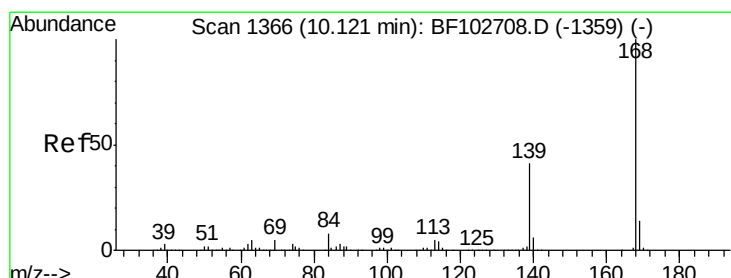
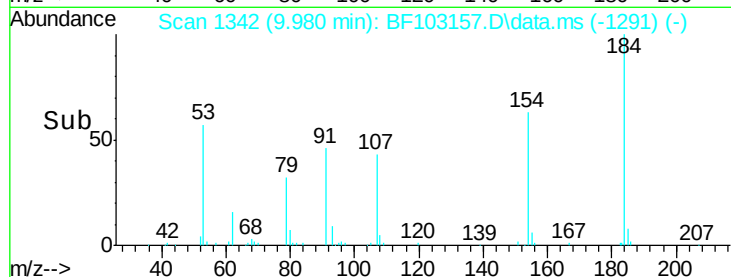
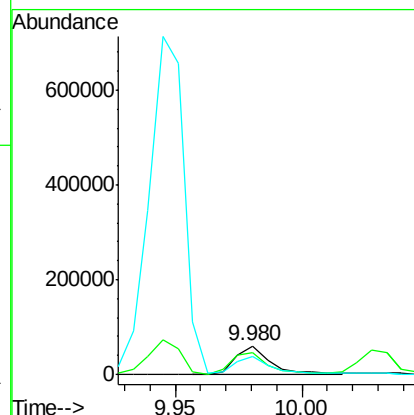
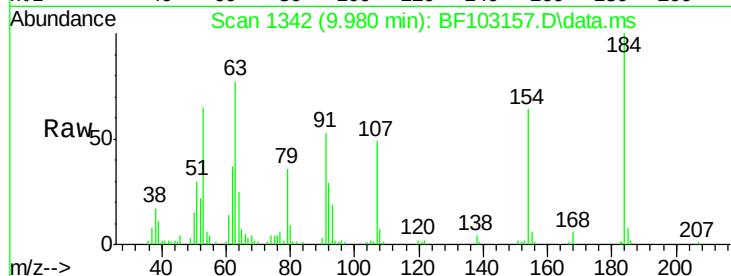
Tot Ion:184 Resp: 58845

Ion Ratio Lower Upper

184 100

63 77.1 54.2 81.2

154 64.2 184.0 276.0#



#54

Dibenzofuran

Concen: 38.45 ng

RT: 10.122 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

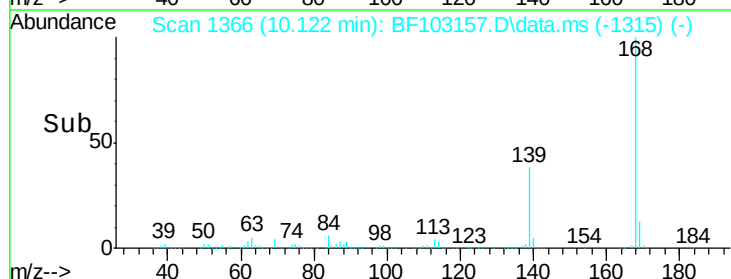
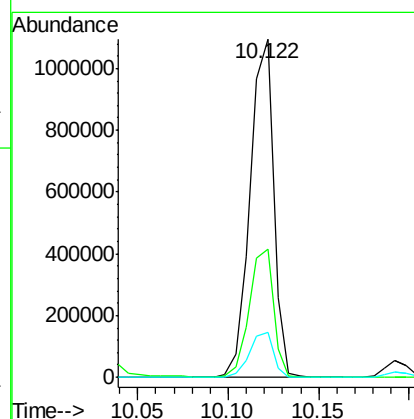
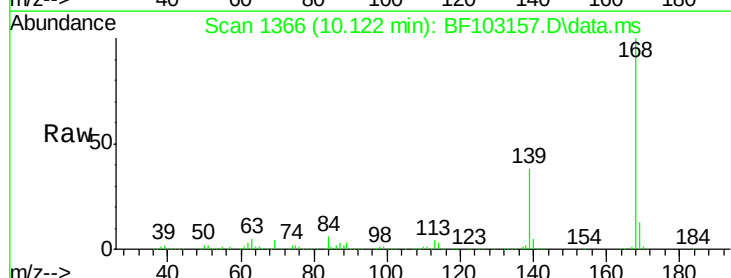
Tgt Ion:168 Resp: 993147

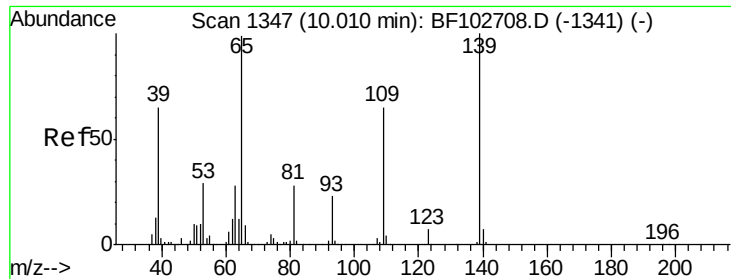
Ion Ratio Lower Upper

168 100

139 38.0 30.1 45.1

169 13.3 10.9 16.3

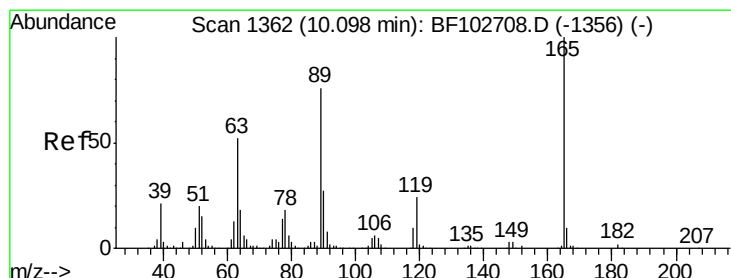
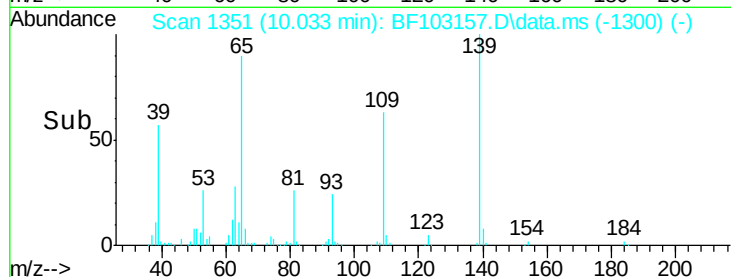
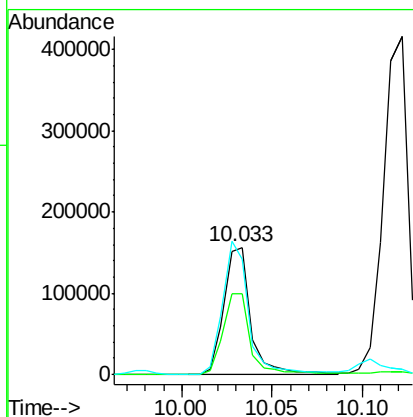
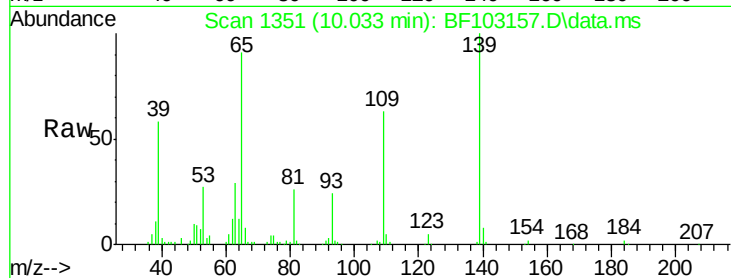




#55
4-Nitrophenol
Concen: 40.56 ng
RT: 10.033 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

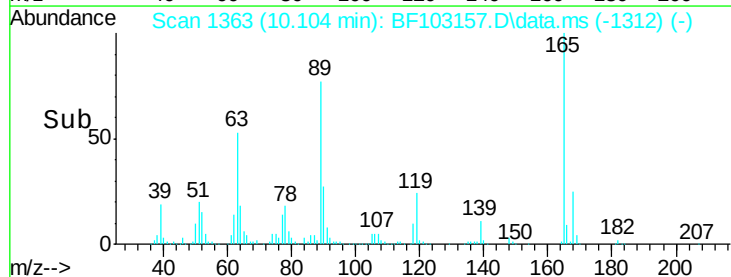
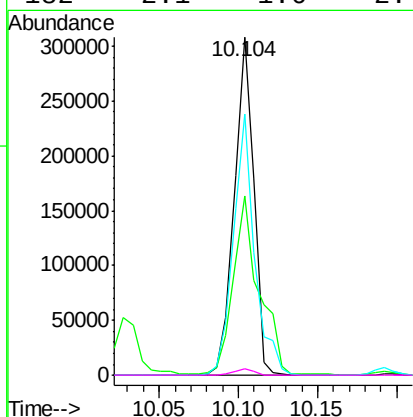
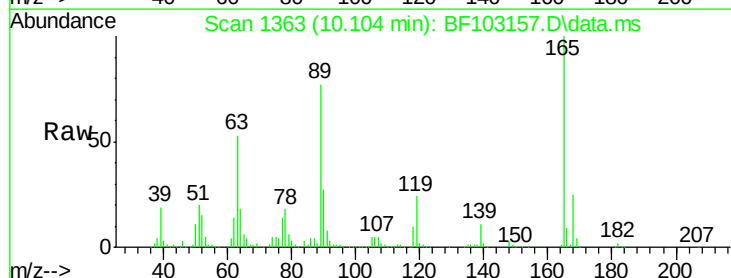
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

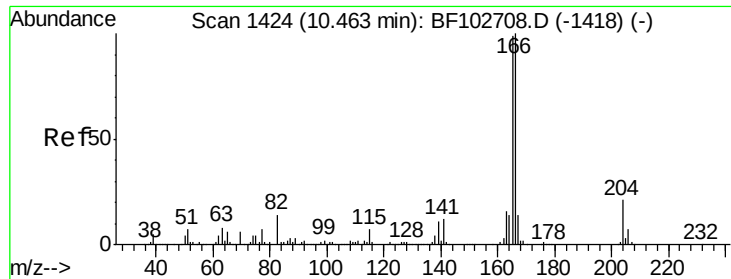
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.4	48.4	88.4
65	90.7	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 54.16 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	36.4	54.6
89	77.2	57.8	86.6
182	2.1	1.6	2.4





#57

Fluorene

Concen: 40.84 ng

RT: 10.463 min Scan# 141

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

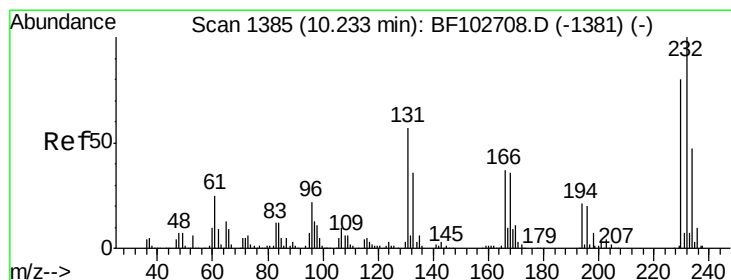
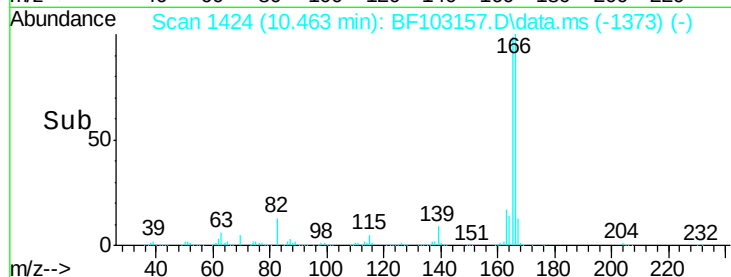
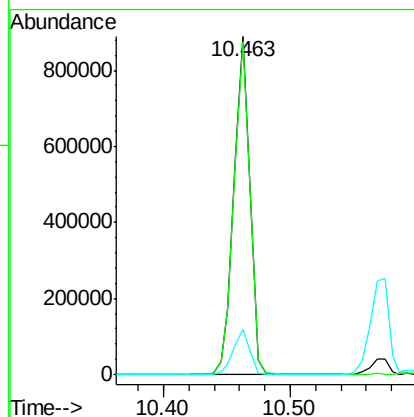
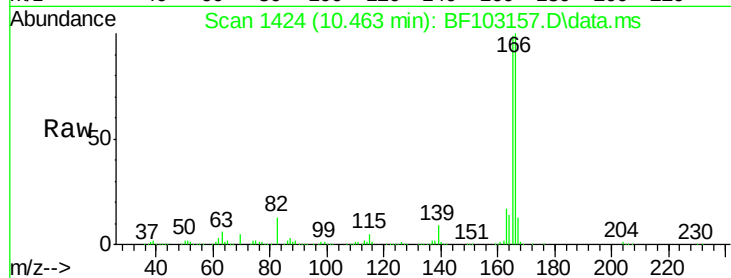
Tot Ion:166 Resp: 767552

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

167 13.4 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.28 ng

RT: 10.239 min Scan# 1386

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Tgt Ion:232 Resp: 171630

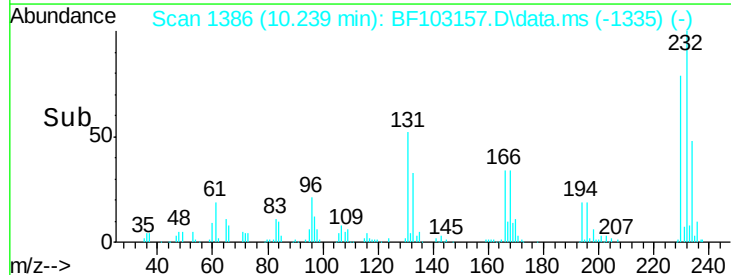
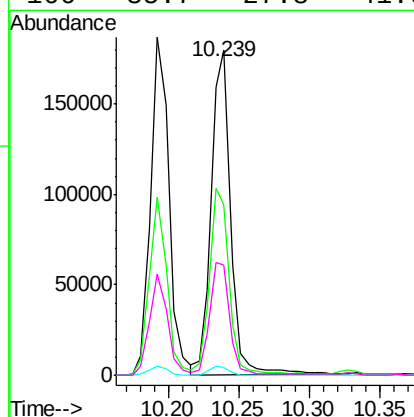
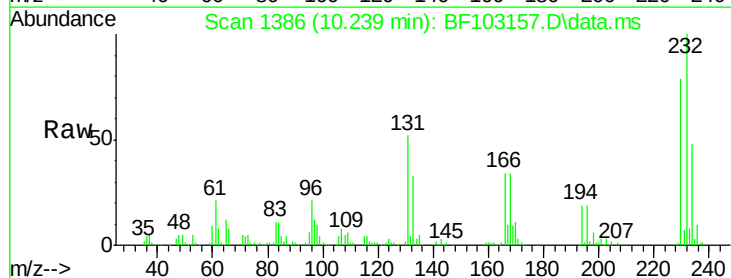
Ion Ratio Lower Upper

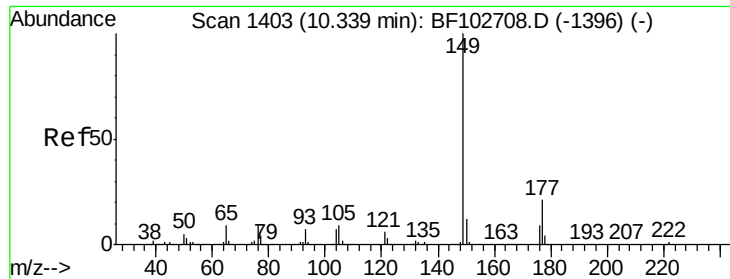
232 100

131 57.6 43.8 65.8

130 2.8 2.1 3.1

166 35.7 27.8 41.6

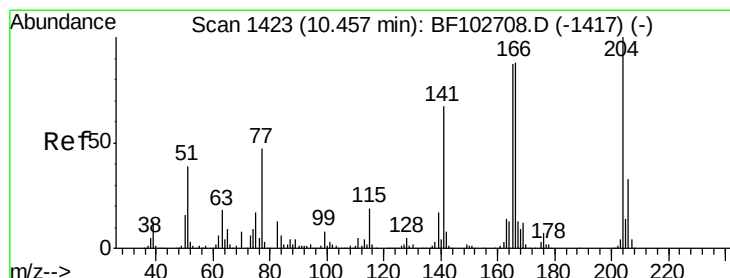
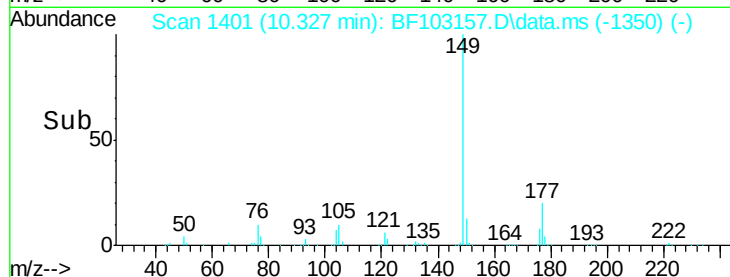
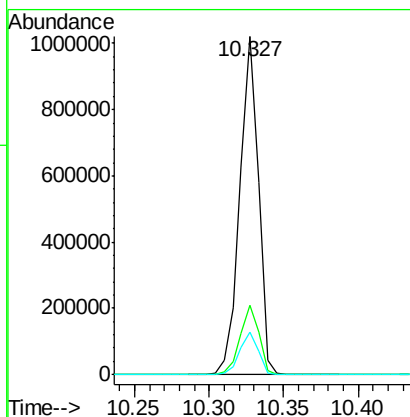
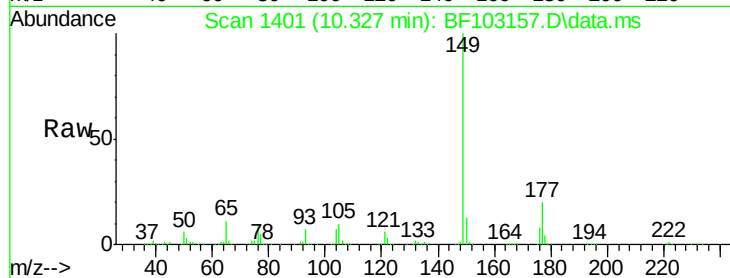




#59
Diethylphthalate
Concen: 38.95 ng
RT: 10.327 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

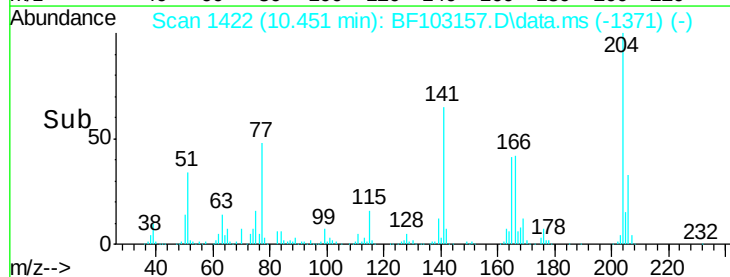
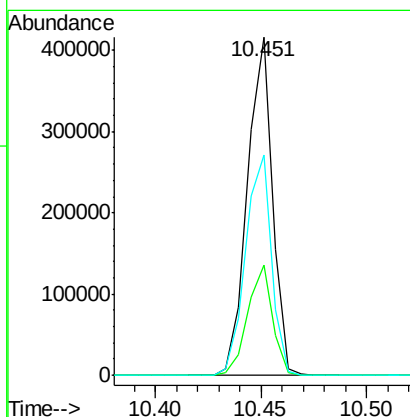
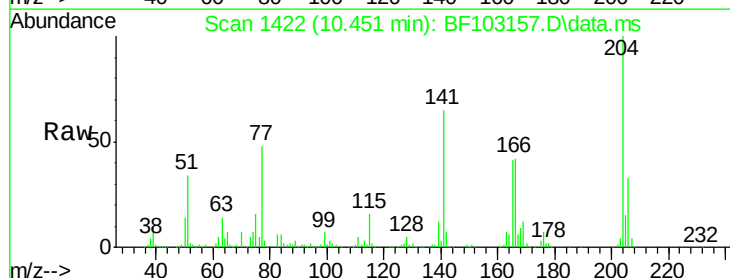
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

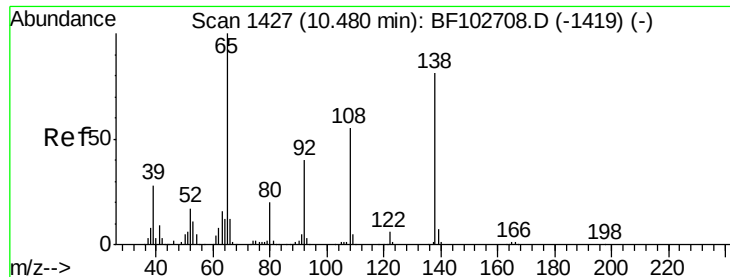
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	12.5	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.45 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	65.2	54.6	81.8

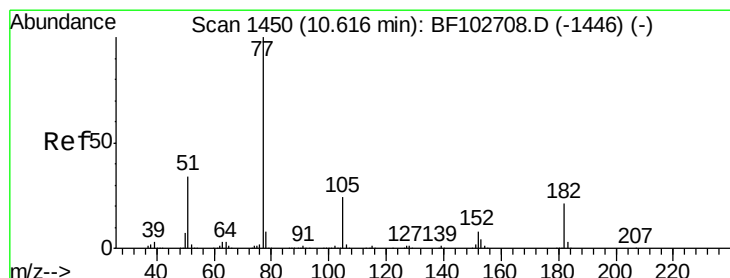
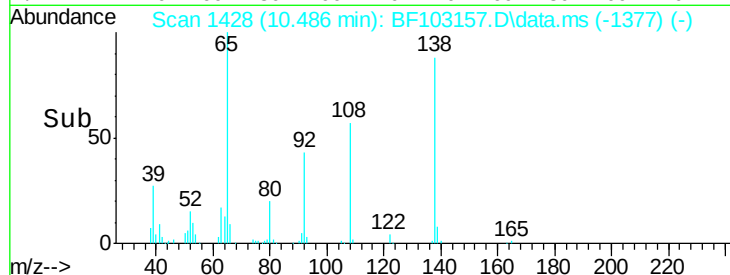
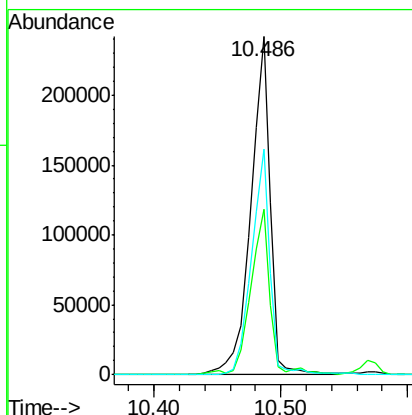
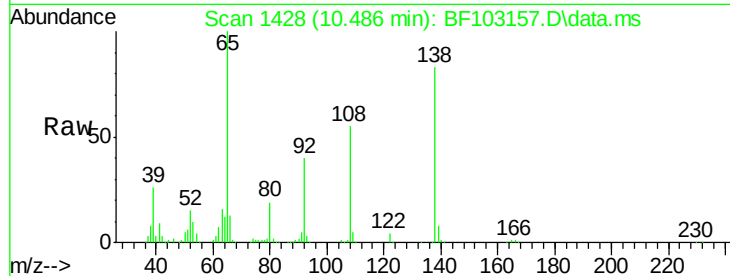




#61
4-Nitroaniline
Concen: 50.19 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

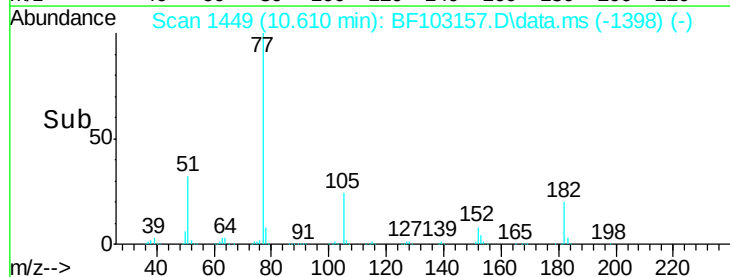
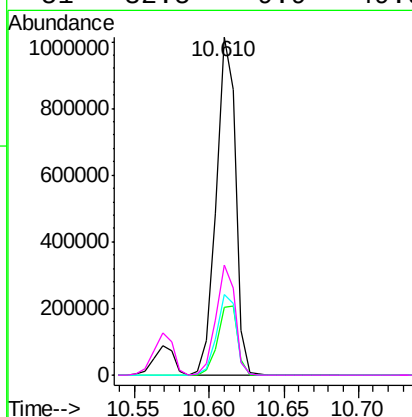
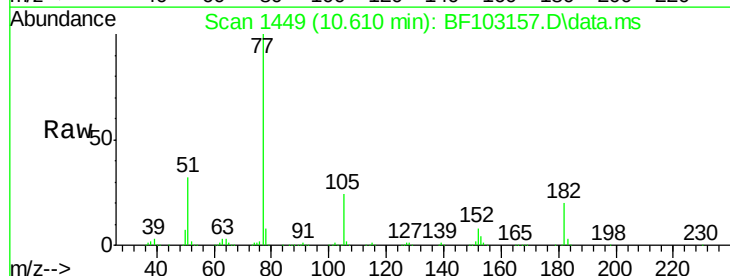
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

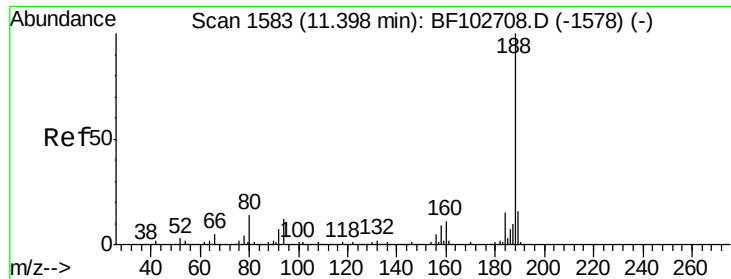
Tot Ion:138 Resp: 259500
Ion Ratio Lower Upper
138 100
92 48.8 30.2 70.2
108 66.7 52.5 92.5



#62
Azobenzene
Concen: 40.35 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

Tgt Ion: 77 Resp: 923612
Ion Ratio Lower Upper
77 100
182 20.0 1.7 41.7
105 23.9 3.0 43.0
51 32.5 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: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

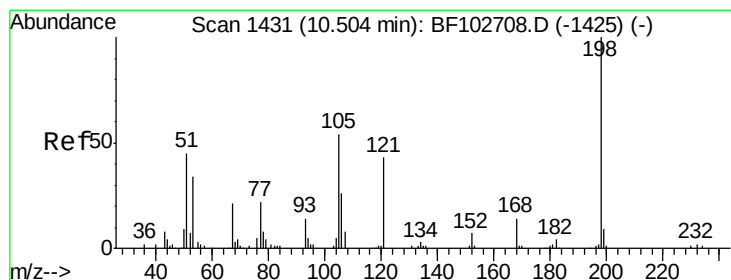
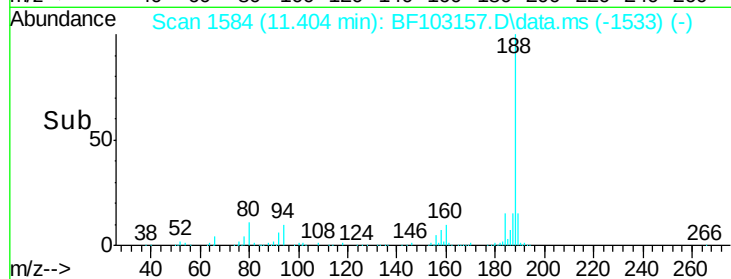
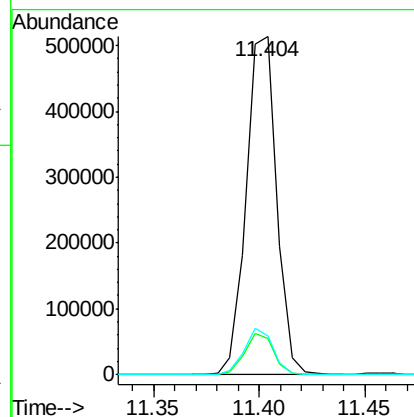
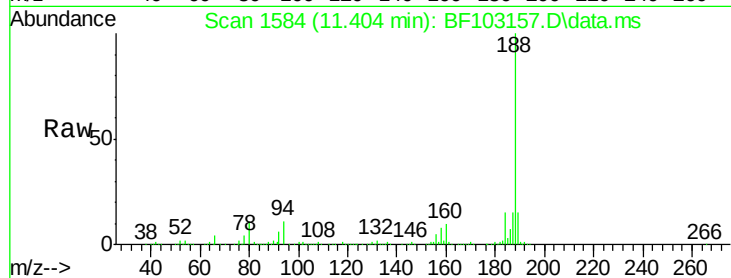
Tot Ion:188 Resp: 511974

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

80 11.3 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 65.94 ng

RT: 10.516 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

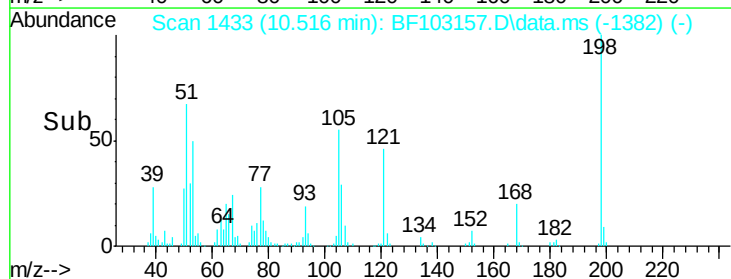
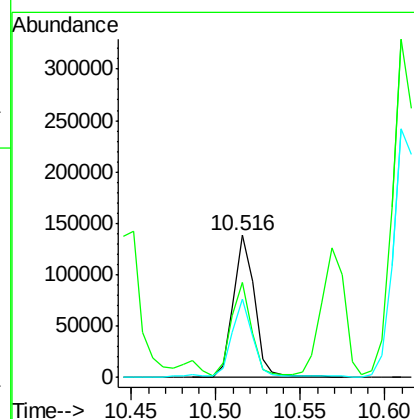
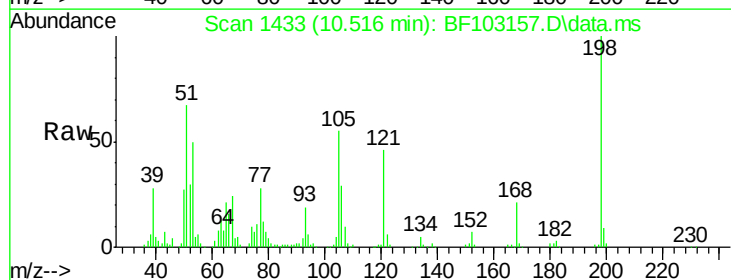
Tgt Ion:198 Resp: 121614

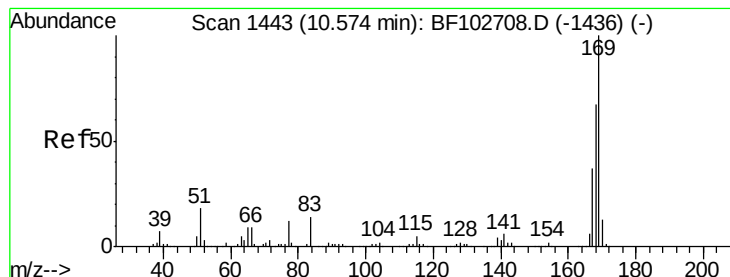
Ion Ratio Lower Upper

198 100

51 66.6 37.7 77.7

105 54.9 36.3 76.3

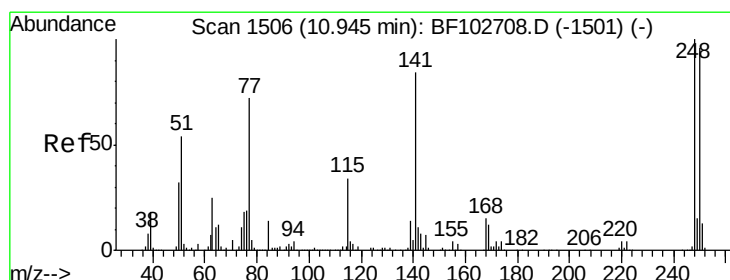
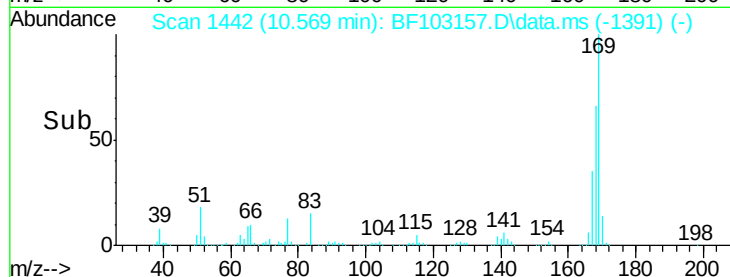
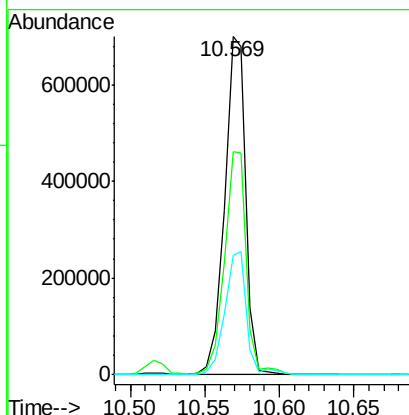
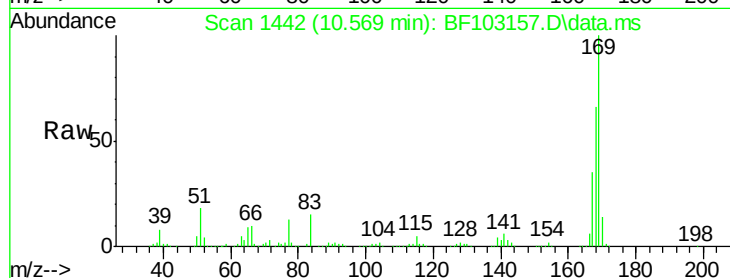




#65
 n-Nitrosodiphenylamine
 Concen: 38.82 ng
 RT: 10.569 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

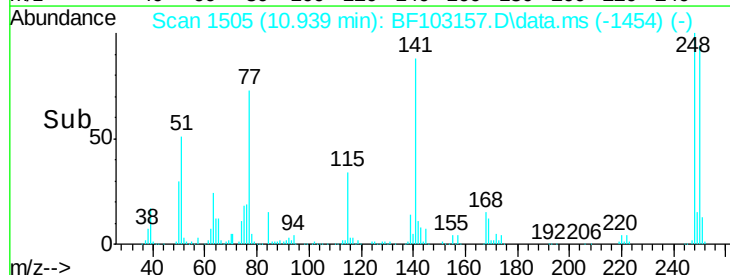
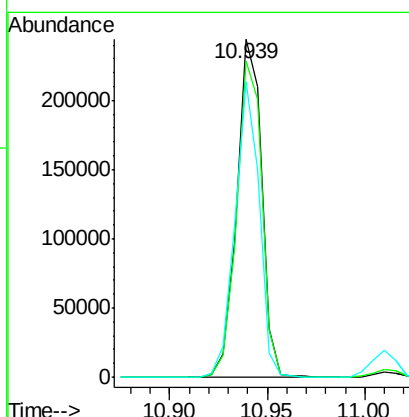
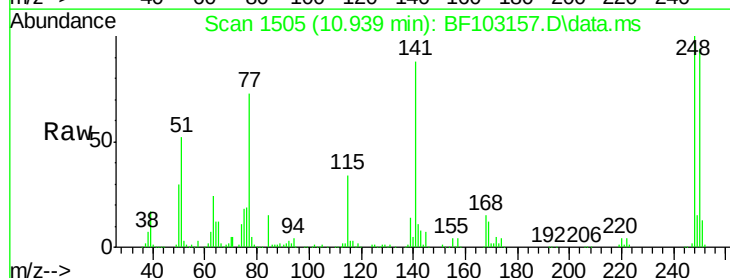
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

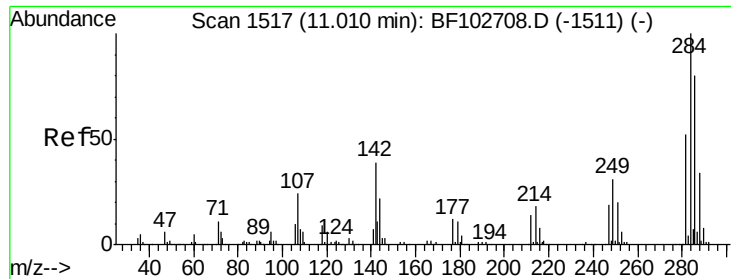
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.4	81.6
167	35.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.75 ng
 RT: 10.939 min Scan# 1505
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.7	76.9	115.3
141	87.6	74.4	111.6

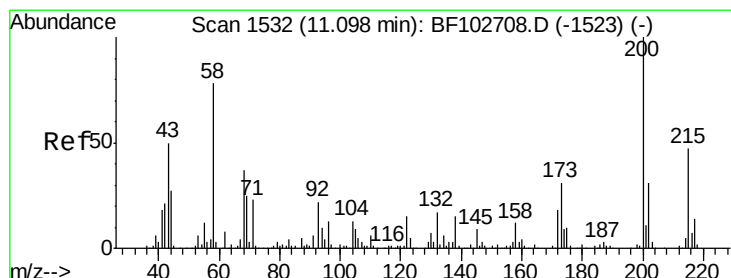
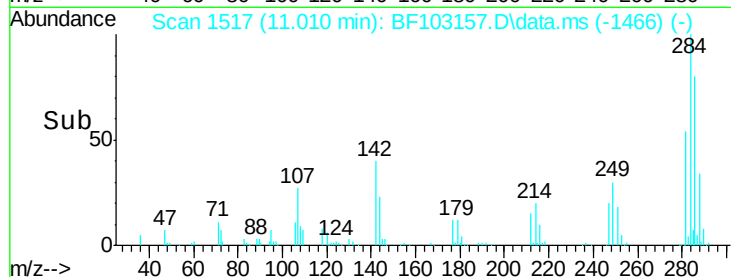
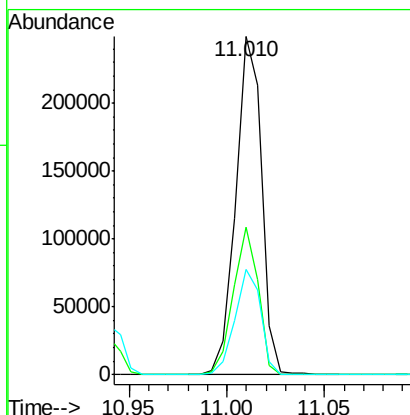
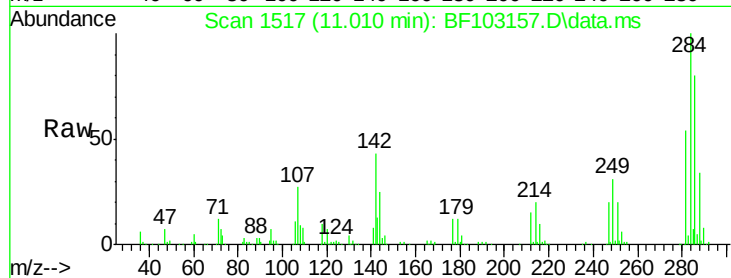




#67
Hexachlorobenzene
Concen: 38.09 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

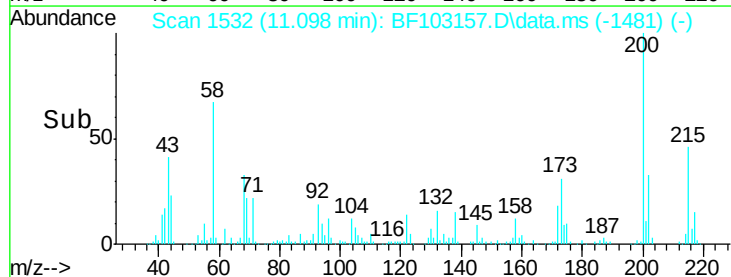
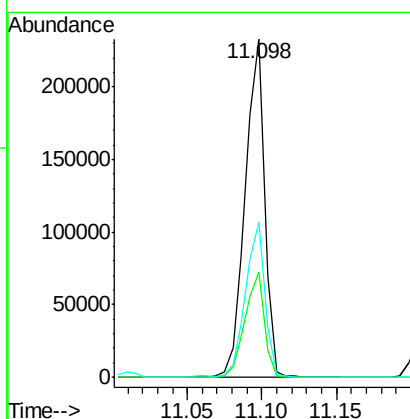
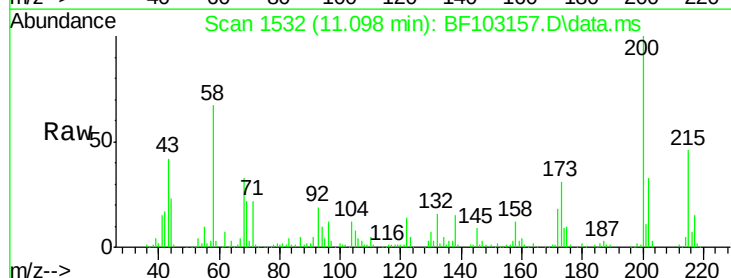
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

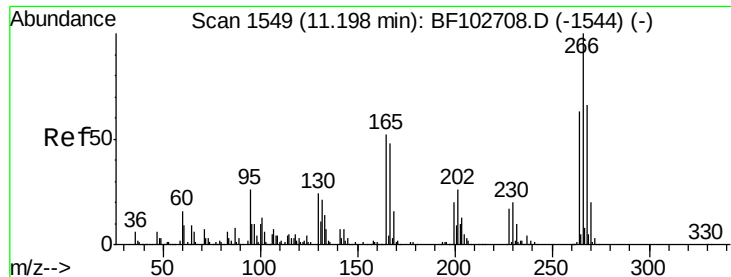
Tot Ion:284 Resp: 227572
Ion Ratio Lower Upper
284 100
142 43.5 34.6 52.0
249 31.3 24.8 37.2



#68
Atrazine
Concen: 39.52 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

Tgt Ion:200 Resp: 210544
Ion Ratio Lower Upper
200 100
173 31.1 8.6 48.6
215 45.9 25.1 65.1





#69

Pentachlorophenol

Concen: 32.95 ng

RT: 11.210 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

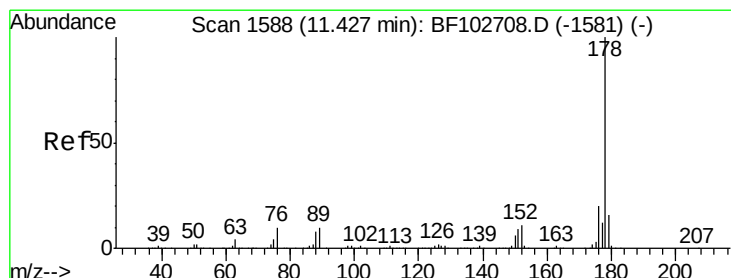
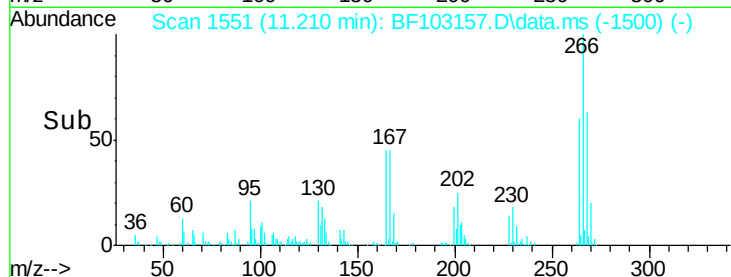
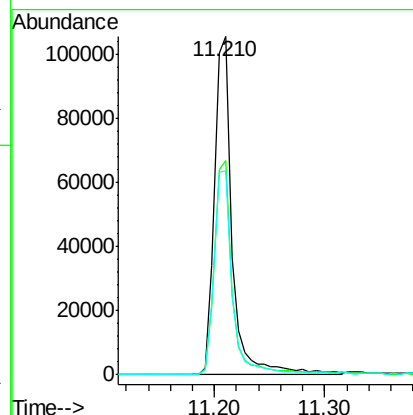
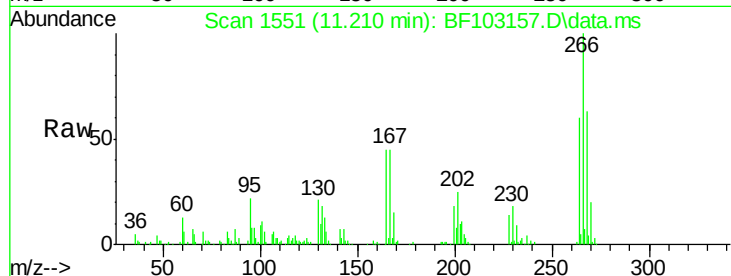
Tot Ion:266 Resp: 115564

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

264 60.1 49.5 74.3



#70

Phenanthrene

Concen: 38.47 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

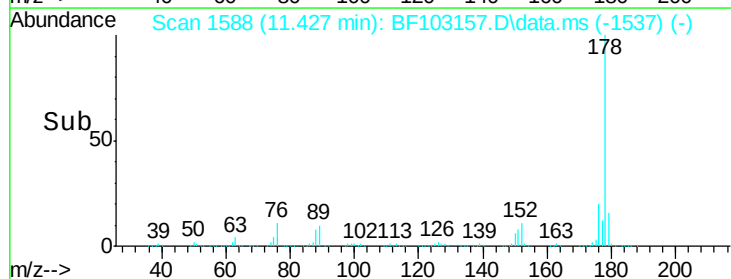
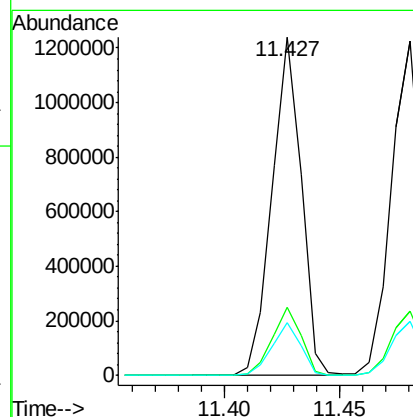
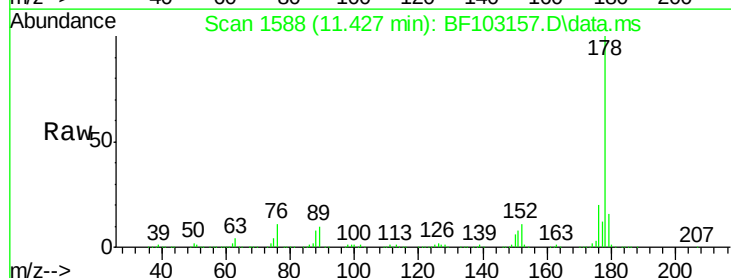
Tgt Ion:178 Resp: 1096905

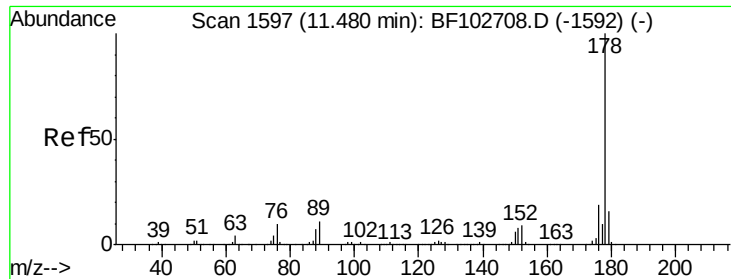
Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 15.6 13.0 19.6

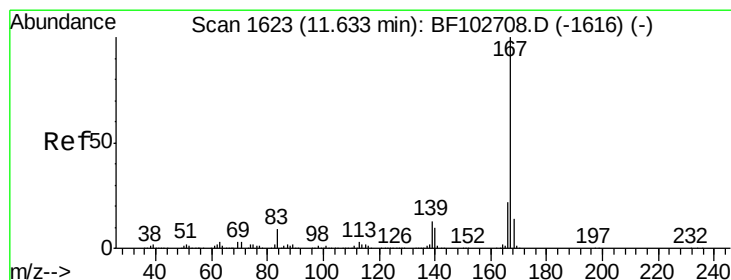
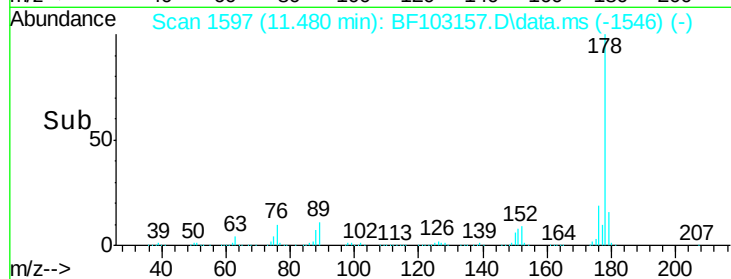
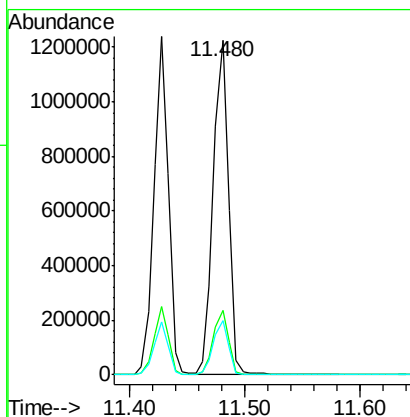
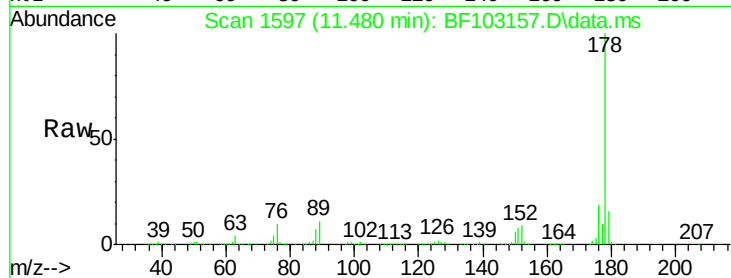




#71
 Anthracene
 Concen: 38.96 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

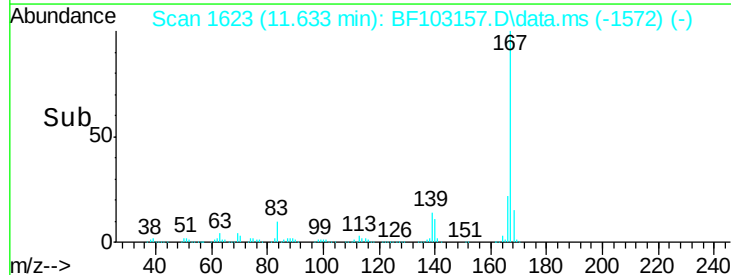
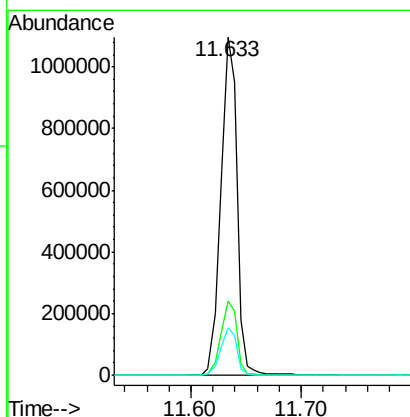
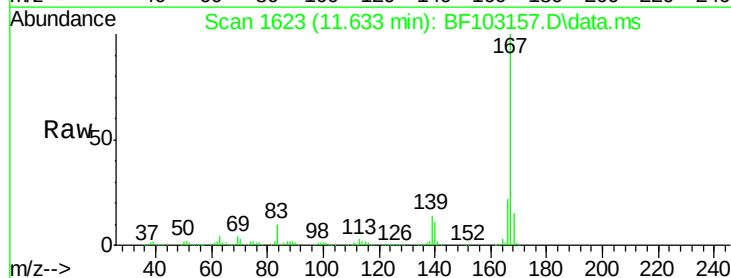
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

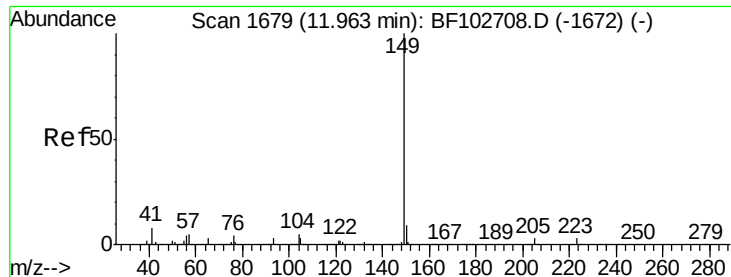
Tot Ion:178 Resp: 1129782
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 39.68 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

Tgt Ion:167 Resp: 1127451
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.83 ng

RT: 11.951 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

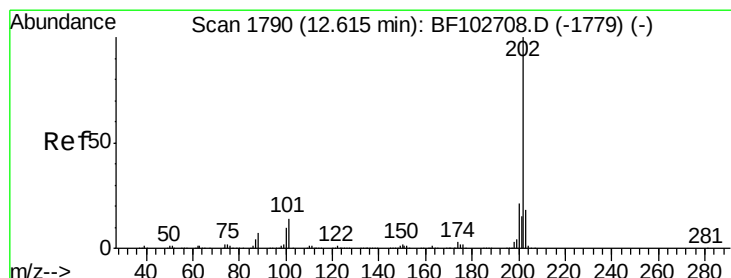
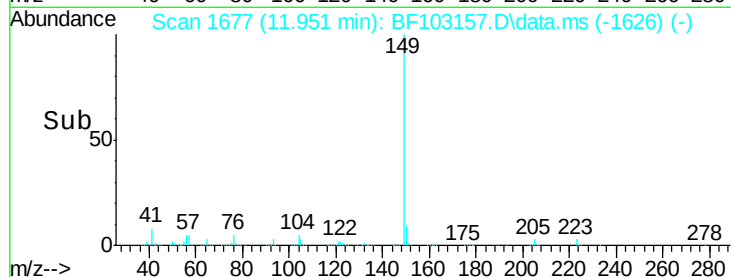
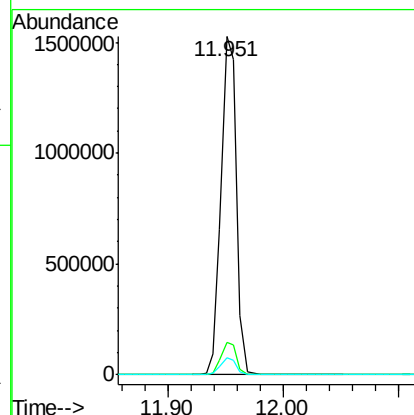
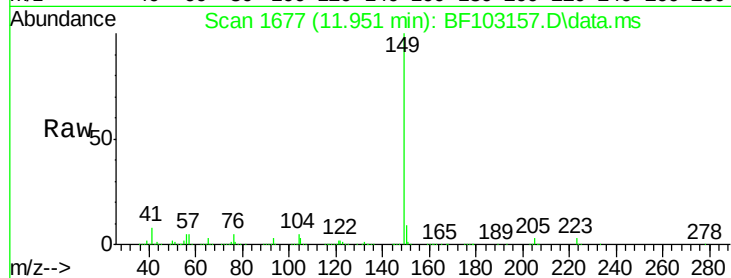
Tot Ion:149 Resp: 1409302

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 4.9 3.8 5.8



#74

Fluoranthene

Concen: 38.50 ng

RT: 12.616 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

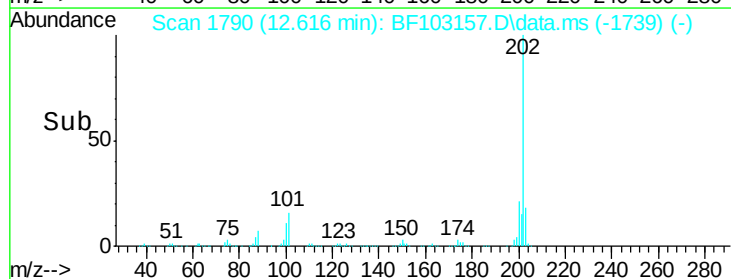
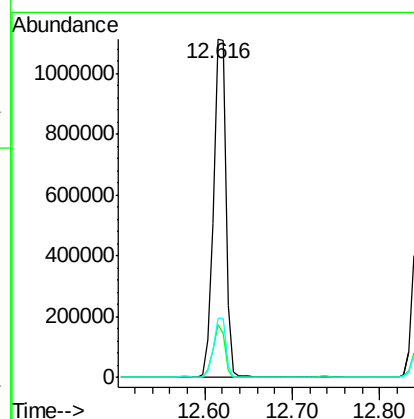
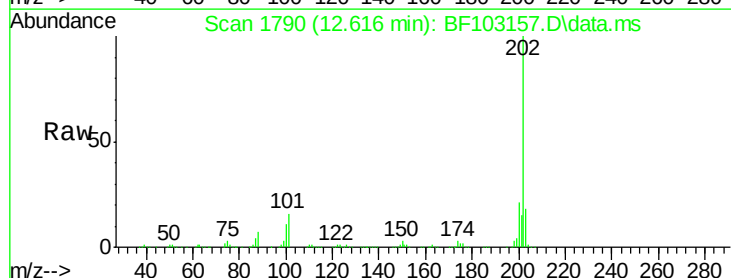
Tgt Ion:202 Resp: 1104455

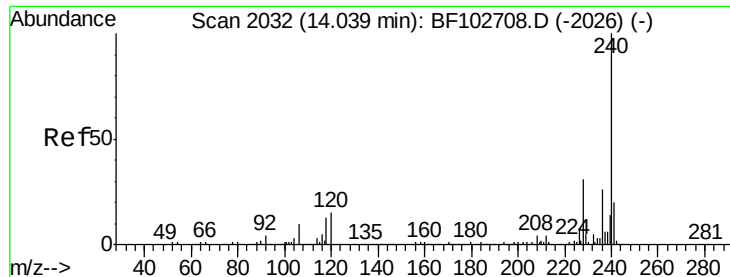
Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.1

203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.051 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

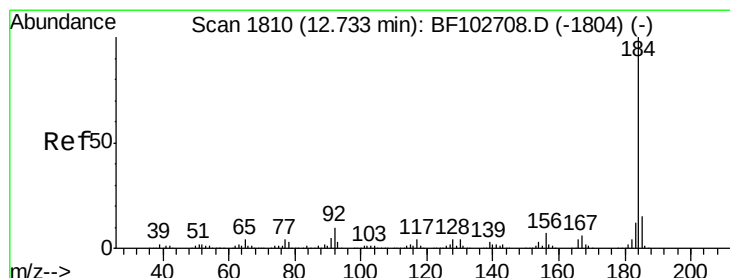
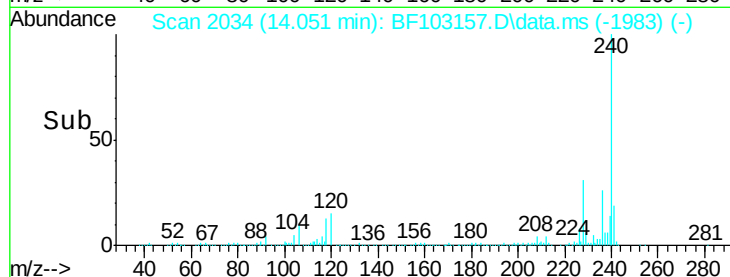
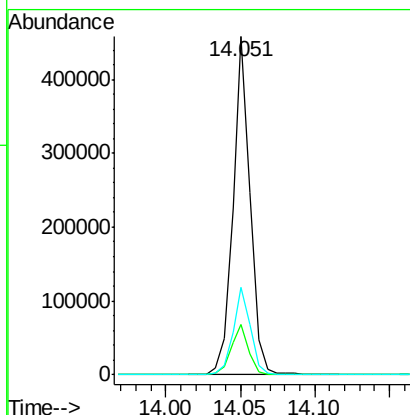
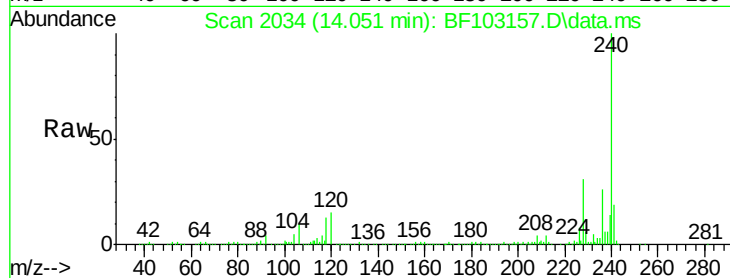
Tot Ion:240 Resp: 370782

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

236 25.9 20.7 31.1



#76

Benzidine

Concen: 30.72 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

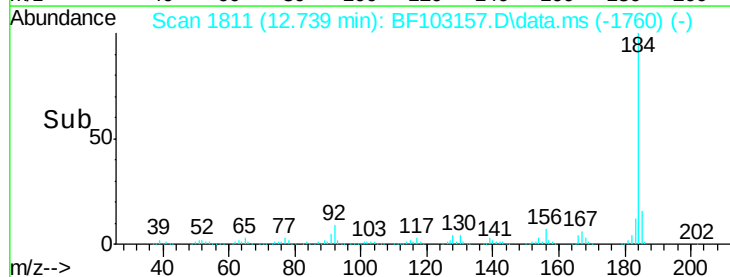
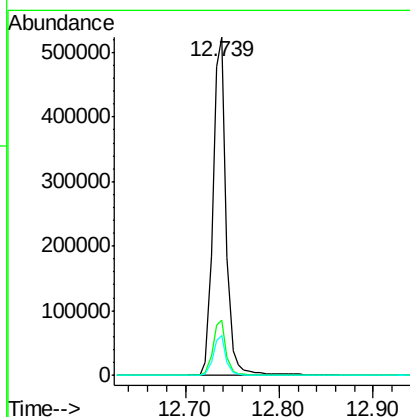
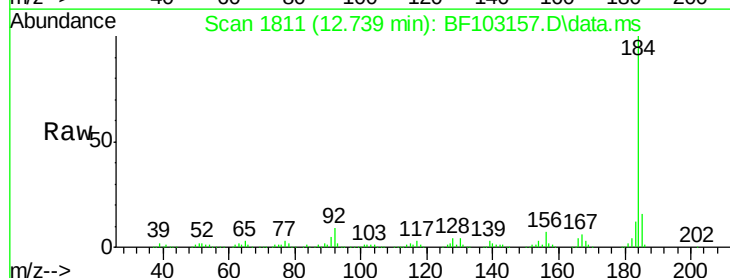
Tgt Ion:184 Resp: 523437

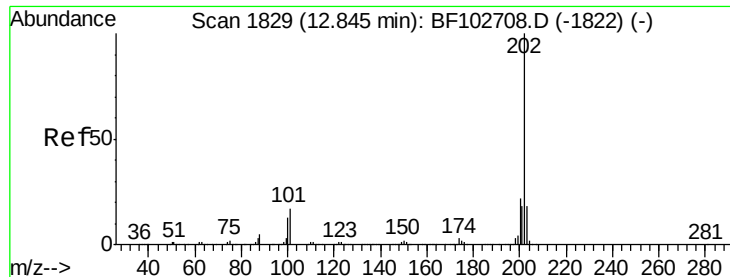
Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

183 11.6 9.3 13.9





#77

Pvrene

Concen: 38.97 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

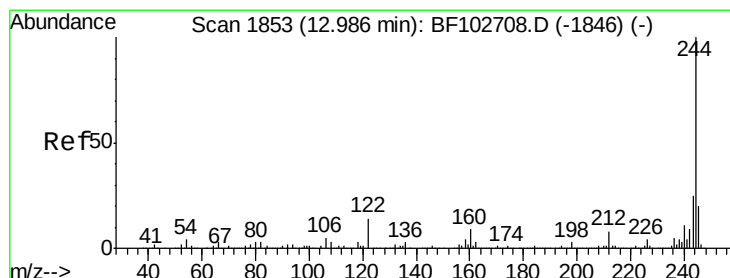
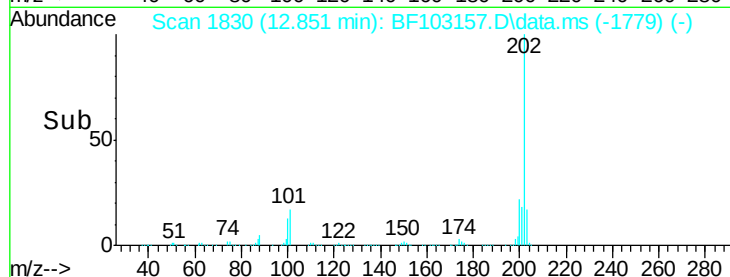
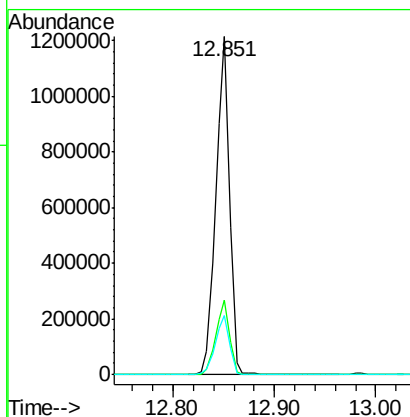
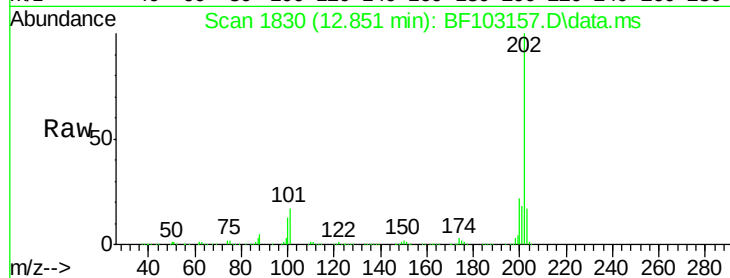
Tot Ion:202 Resp: 1133078

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 17.4 14.3 21.5



#78

Terphenyl-d14

Concen: 74.09 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

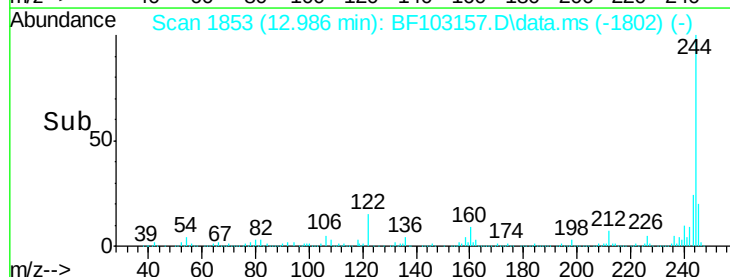
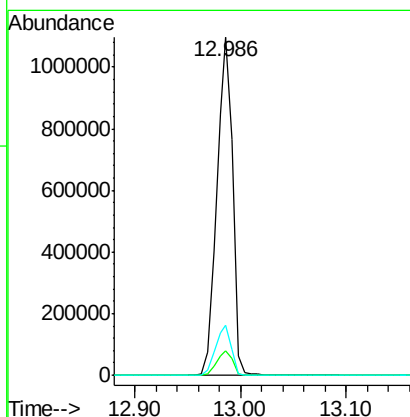
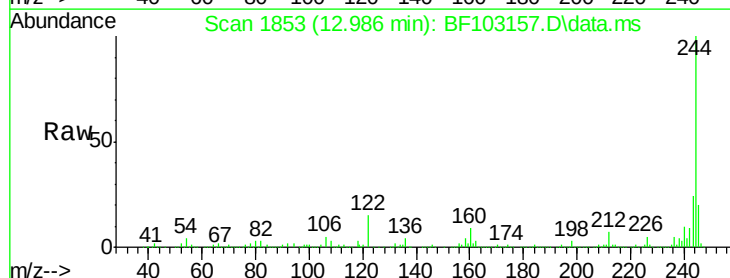
Tgt Ion:244 Resp: 1160209

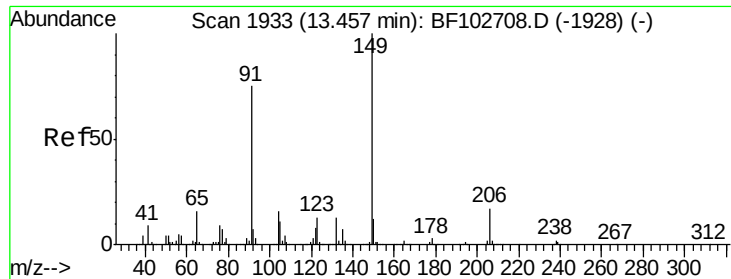
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 14.8 11.0 16.4





#79

Butylbenzylphthalate

Concen: 48.25 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

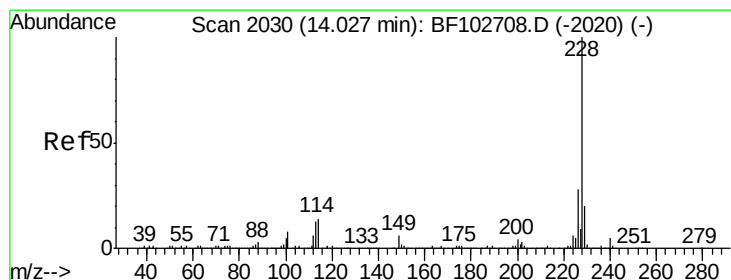
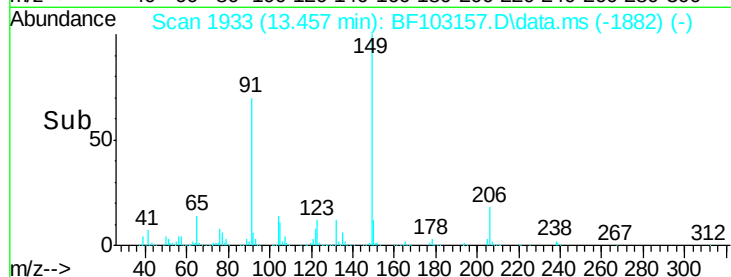
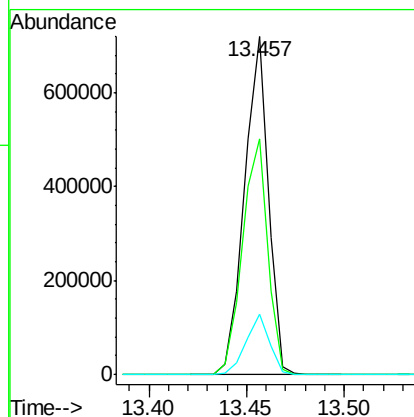
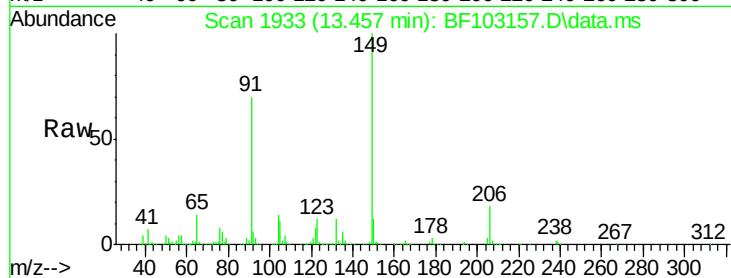
Tot Ion:149 Resp: 614168

Ion Ratio Lower Upper

149 100

91 69.6 56.8 85.2

206 17.8 14.1 21.1



#80

Benzo(a)anthracene

Concen: 40.93 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

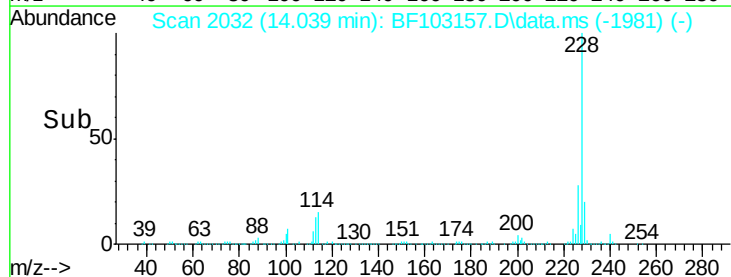
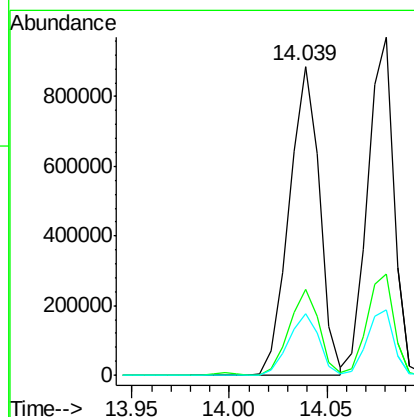
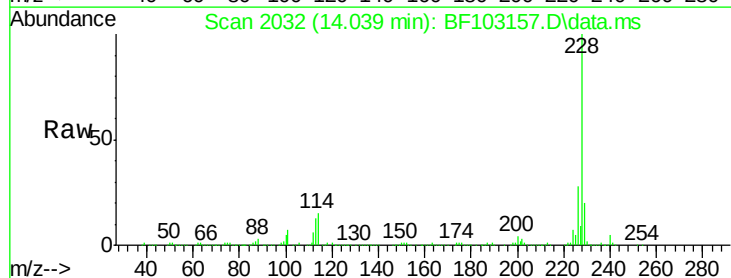
Tgt Ion:228 Resp: 954413

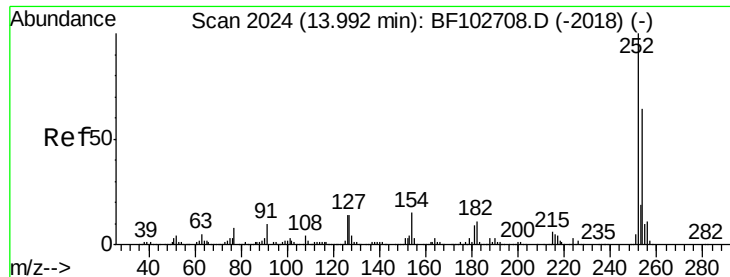
Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

229 19.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 40.21 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

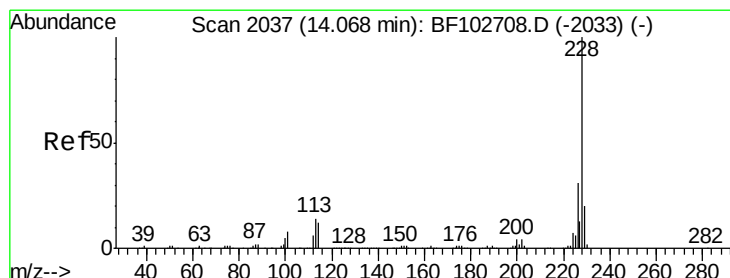
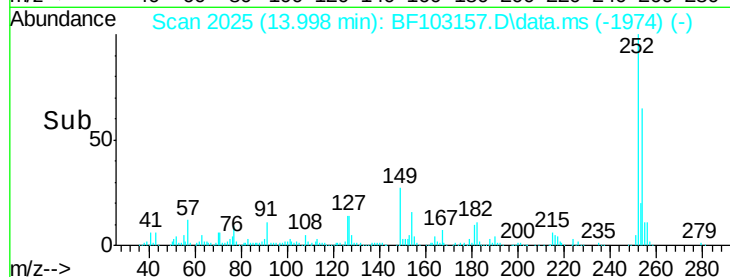
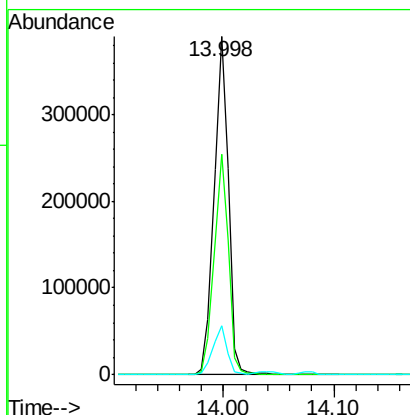
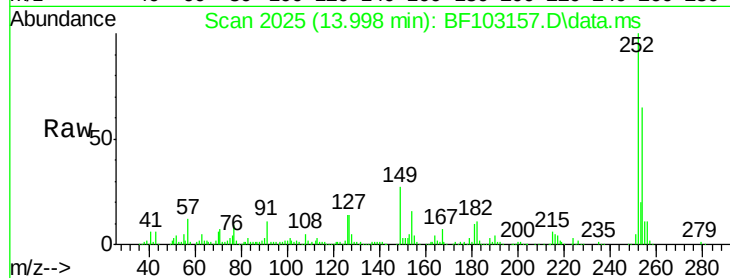
Tot Ion:252 Resp: 347633

Ion Ratio Lower Upper

252 100

254 65.3 50.4 75.6

126 14.5 11.3 16.9



#82

Chrysene

Concen: 39.07 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

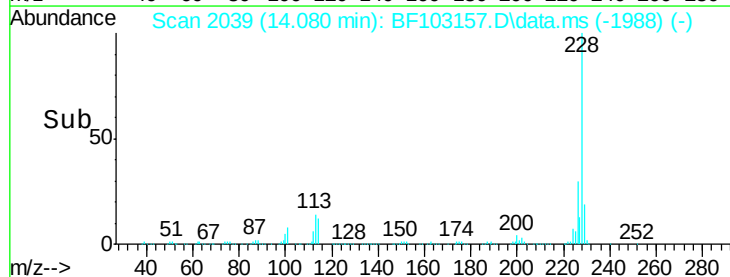
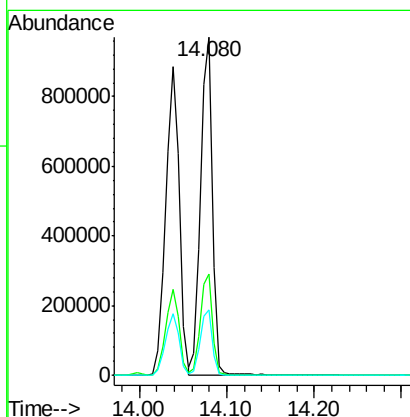
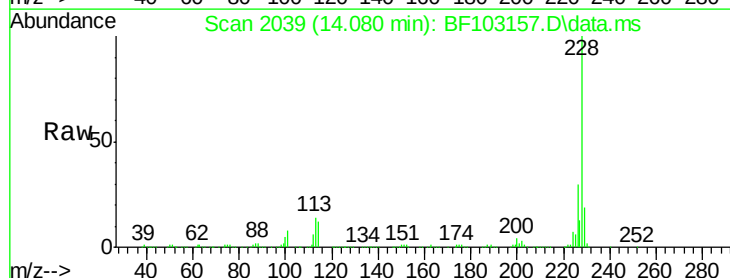
Tgt Ion:228 Resp: 918455

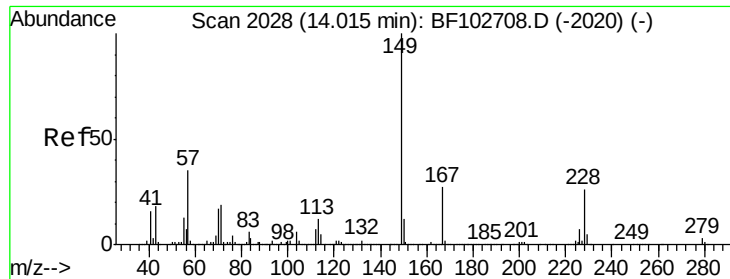
Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

229 19.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.37 ng

RT: 14.010 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

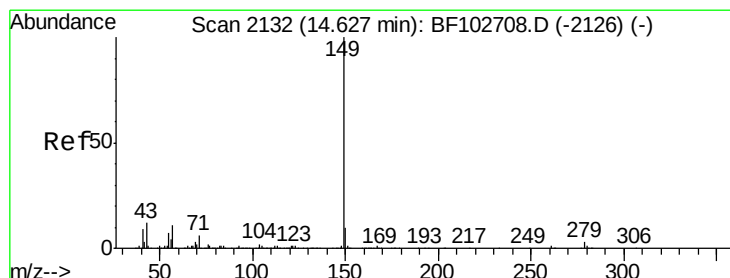
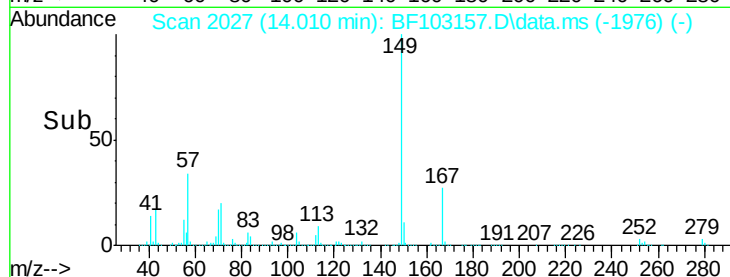
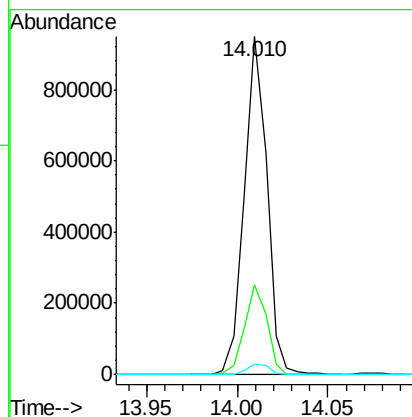
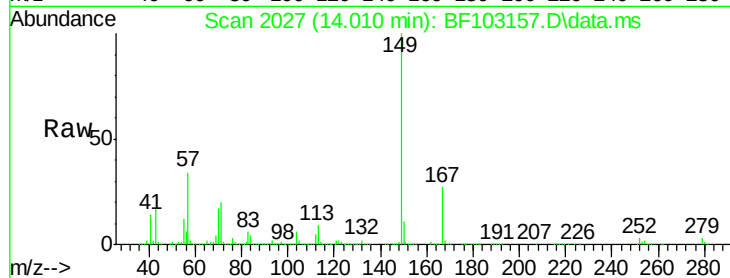
Tot Ion:149 Resp: 825815

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 2.9 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 49.64 ng

RT: 14.627 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

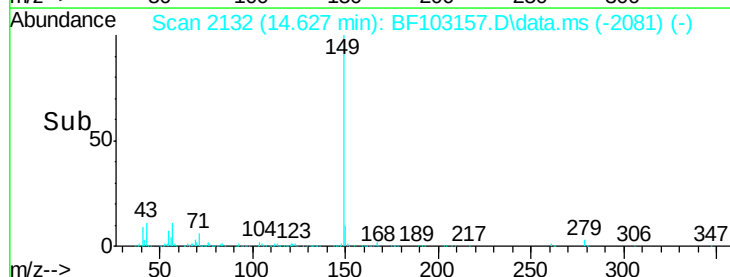
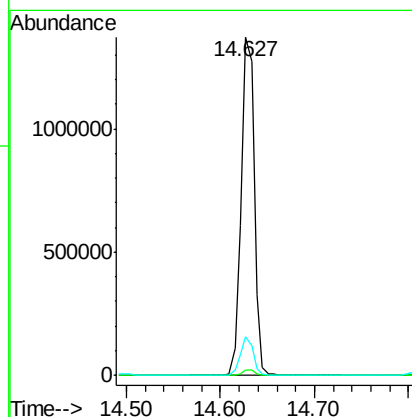
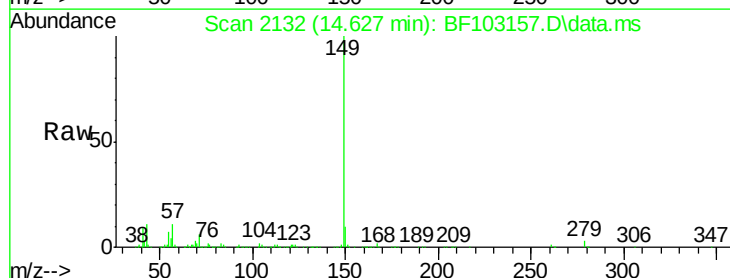
Tgt Ion:149 Resp: 1327506

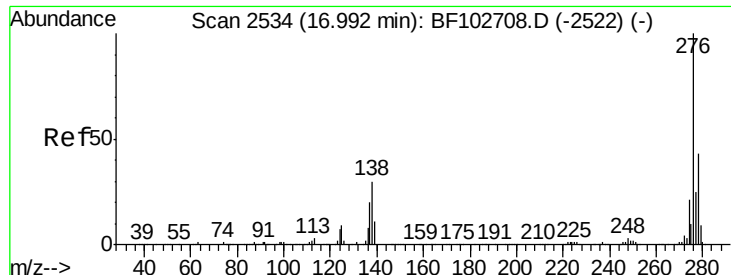
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.0 8.4 12.6

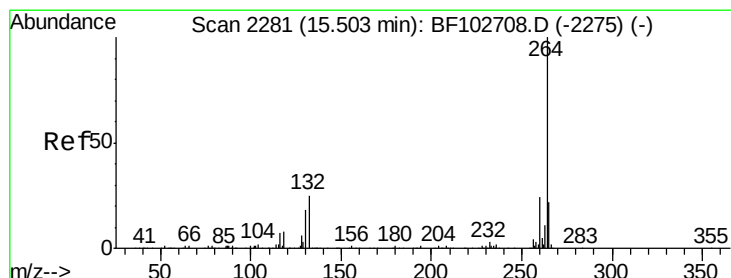
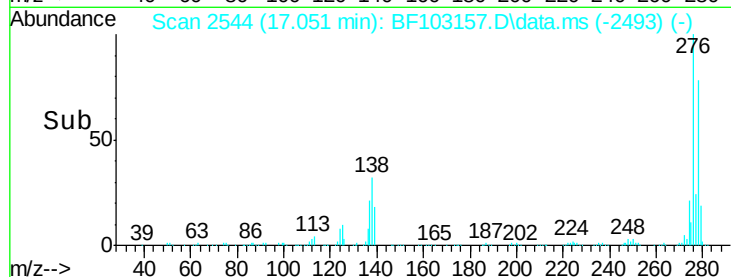
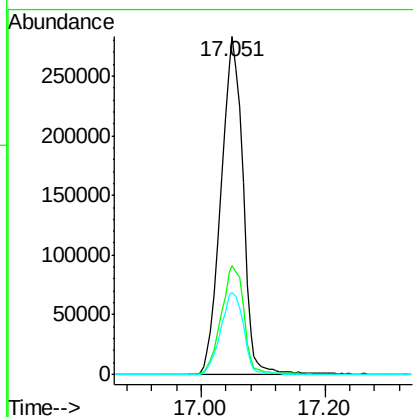
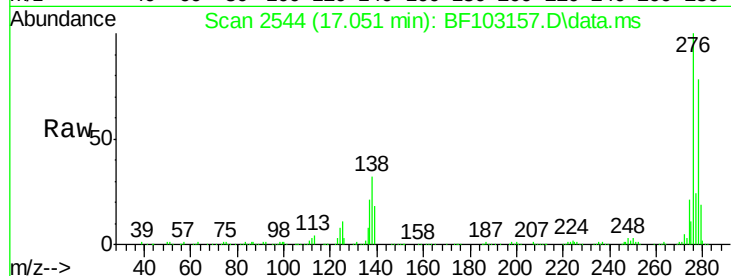




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.94 ng
 RT: 17.051 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

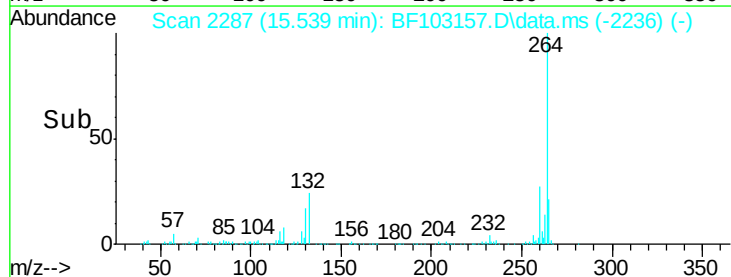
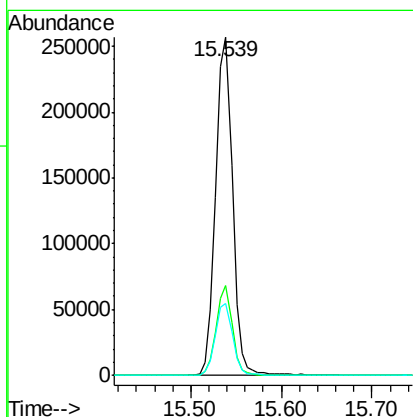
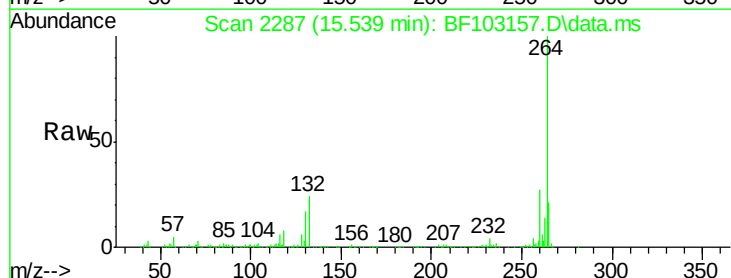
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

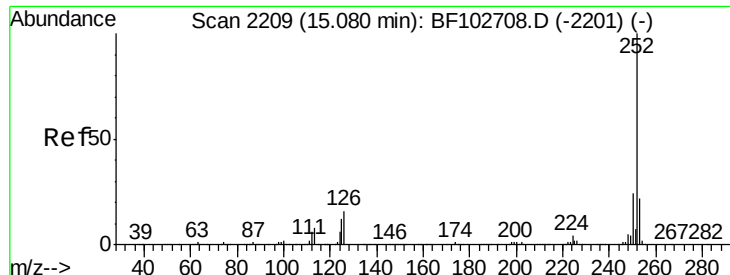
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. 0.000 min
 Lab File: BF103157.D
 Acq: 22 Feb 2018 12:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.2	28.8
265	21.1	17.5	26.3

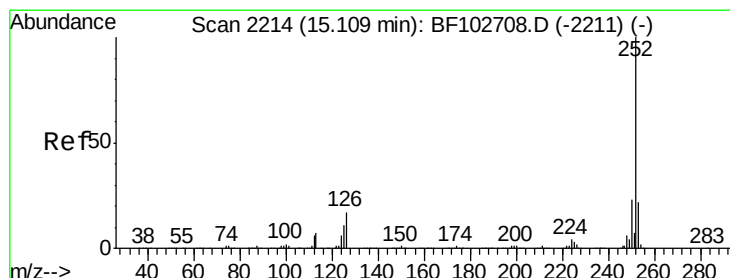
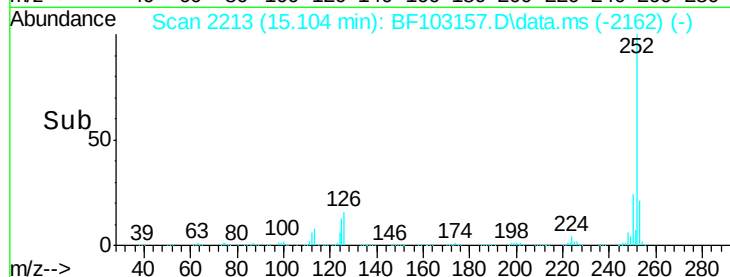
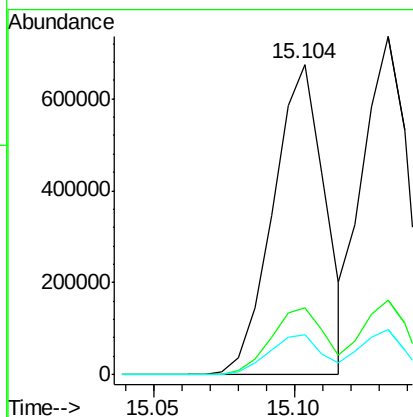
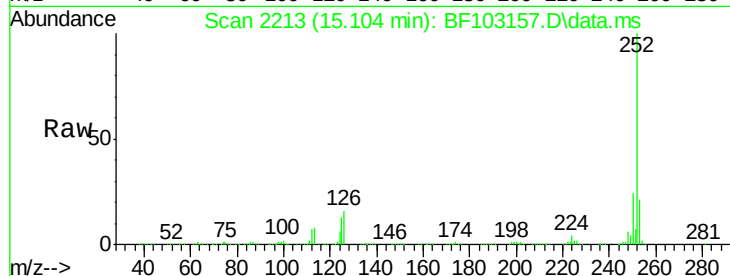




#87
Benzo(b)fluoranthene
Concen: 39.91 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

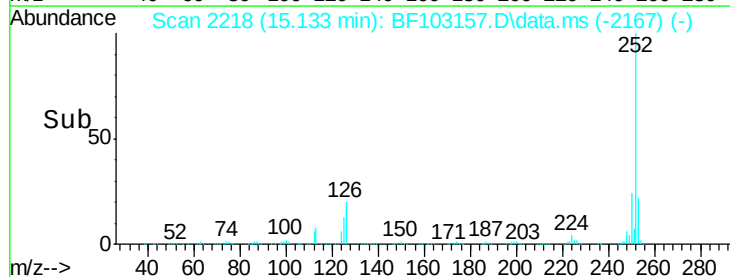
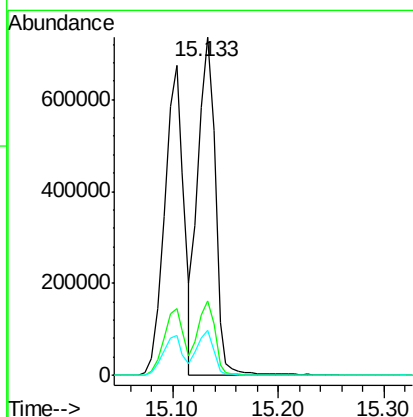
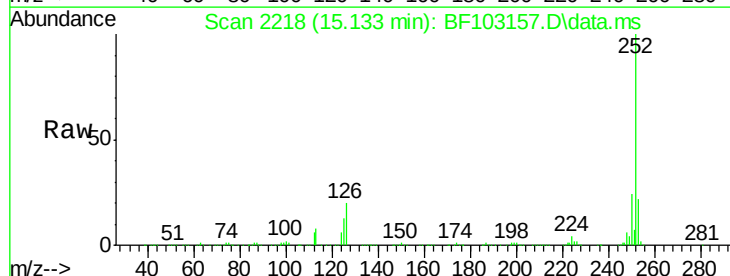
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

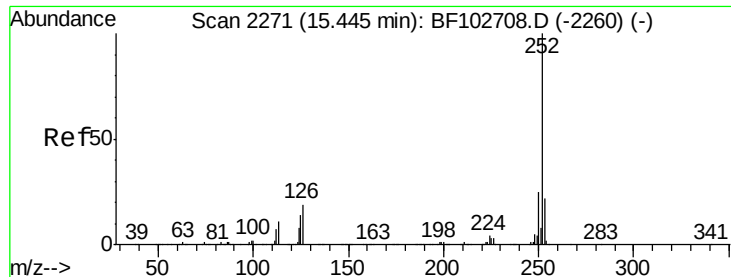
Tot Ion:252 Resp: 858065
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.64 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF103157.D
Acq: 22 Feb 2018 12:53

Tgt Ion:252 Resp: 834874
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.38 ng

RT: 15.474 min Scan# 22

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

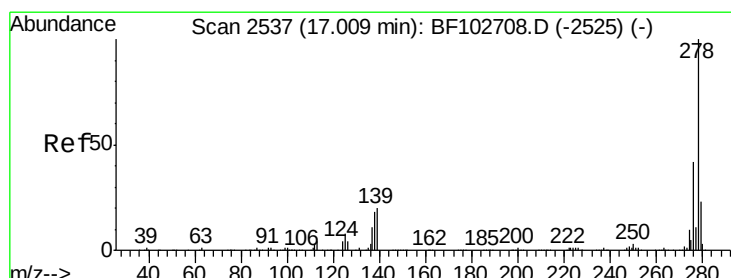
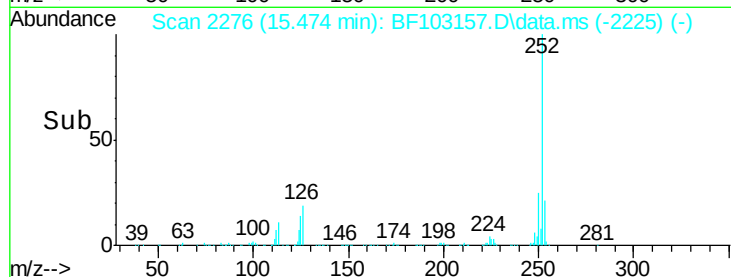
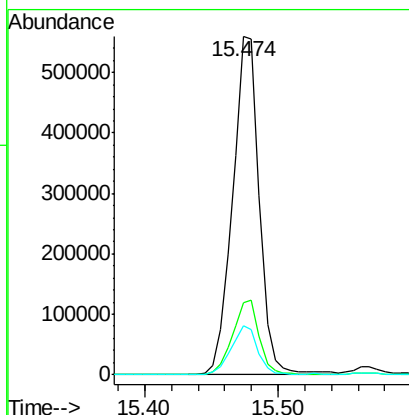
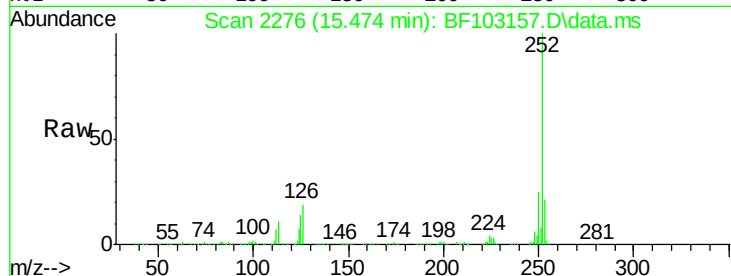
Tot Ion:252 Resp: 781483

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 14.4 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 37.71 ng

RT: 17.062 min Scan# 2546

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

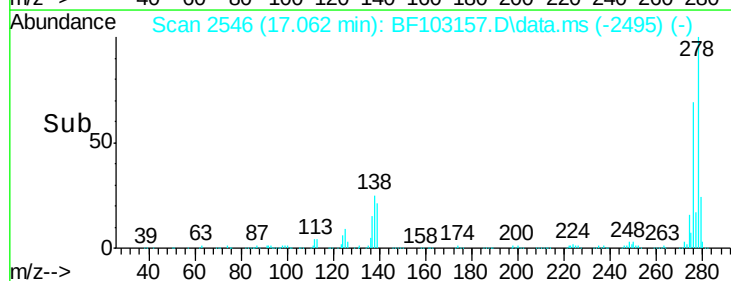
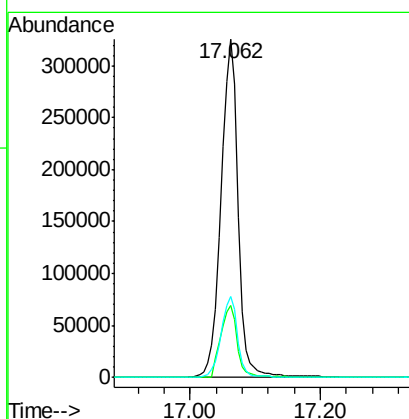
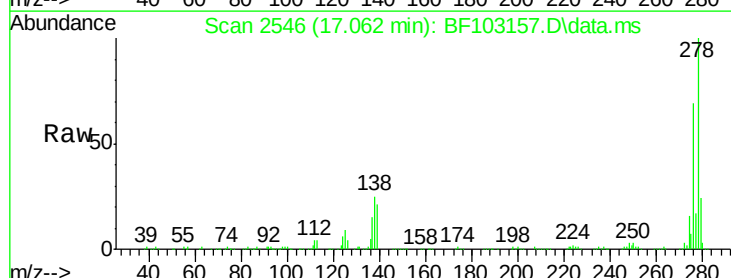
Tgt Ion:278 Resp: 592453

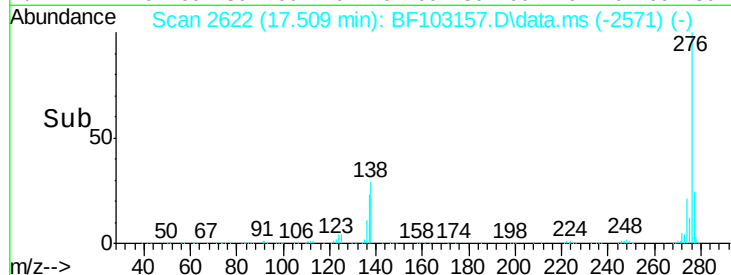
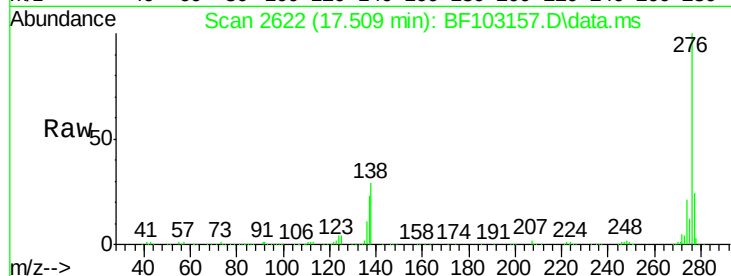
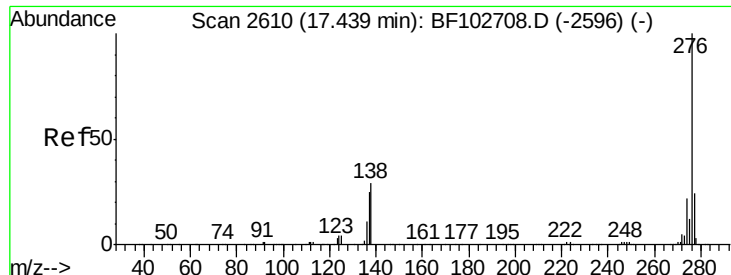
Ion Ratio Lower Upper

278 100

139 21.1 15.9 23.9

279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.55 ng

RT: 17.509 min Scan# 26

Delta R.T. 0.000 min

Lab File: BF103157.D

Acq: 22 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:276 Resp: 577398

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 29.4 21.8 32.8

