

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103366.D
 Acq On : 2 Mar 2018 15:39
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 02 22:02:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	159654	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	667605	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	305927	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	529078	20.00	ng	0.00
75) Chrysene-d12	14.07	240	357684	20.00	ng	0.00
86) Perylene-d12	15.57	264	307564	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	799288	75.72	ng	0.00
7) Phenol-d6	6.52	99	1000162	77.43	ng	0.00
23) Nitrobenzene-d5	7.45	82	911301	77.95	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	189190	73.06	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1314204	71.16	ng	0.00
78) Terphenyl-d14	13.00	244	1075141	72.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	216379	38.810	ng	94
3) Pyridine	3.43	79	612025	41.118	ng	99
4) n-Nitrosodimethylamine	3.39	42	260960	43.472	ng	# 92
6) Aniline	6.55	93	737269	39.549	ng	93
8) 2-Chlorophenol	6.67	128	428842	39.106	ng	97
9) Benzaldehyde	6.43	77	359979	49.097	ng	98
10) Phenol	6.53	94	575955	38.409	ng	87
11) bis(2-Chloroethyl)ether	6.61	93	456323	40.095	ng	92
12) 1,3-Dichlorobenzene	6.82	146	476863	38.052	ng	95
13) 1,4-Dichlorobenzene	6.89	146	475722	37.864	ng	99
14) 1,2-Dichlorobenzene	7.05	146	433160	37.389	ng	99
15) Benzyl Alcohol	7.02	79	379165	38.954	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	744824	38.111	ng	94
17) 2-Methylphenol	7.13	107	381232	38.255	ng	# 94
18) Hexachloroethane	7.39	117	173691	37.975	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	308370	38.359	ng	96
20) 3+4-Methylphenols	7.29	107	442789	36.450	ng	# 72
22) Acetophenone	7.29	105	589252	37.814	ng	# 91
24) Nitrobenzene	7.47	77	507835	39.456	ng	100
25) Isophorone	7.70	82	896470	38.937	ng	97
26) 2-Nitrophenol	7.78	139	240780	39.738	ng	96
27) 2,4-Dimethylphenol	7.82	122	348382	37.616	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	527687	38.982	ng	99
29) 2,4-Dichlorophenol	8.02	162	343820	38.775	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	354886	37.584	ng	99
31) Naphthalene	8.19	128	1205387	36.879	ng	99
32) Benzoic acid	7.96	122	252396	38.356	ng	95
33) 4-Chloroaniline	8.23	127	548659	38.900	ng	96
34) Hexachlorobutadiene	8.29	225	183783	37.376	ng	98
35) Caprolactam	8.62	113	124682	40.009	ng	# 74
36) 4-Chloro-3-methylphenol	8.72	107	394926	39.487	ng	99
37) 2-Methylnaphthalene	8.87	142	790377	37.417	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	308437	36.879	ng	98
40) Hexachlorocyclopentadiene	9.02	237	97013	38.137	ng	96

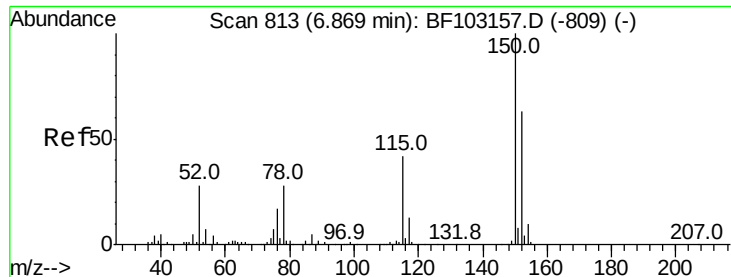
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103366.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	211653	37.610	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	238632	36.869	ng	98
45) 1,1'-Biphenyl	9.34	154	932545	36.378	ng	99
46) 2-Chloronaphthalene	9.37	162	756944	37.323	ng	99
47) 2-Nitroaniline	9.47	65	302268	40.236	ng	88
48) Acenaphthylene	9.79	152	1126391	36.097	ng	99
49) Dimethylphthalate	9.63	163	913596	37.226	ng	99
50) 2,6-Dinitrotoluene	9.71	165	191253	37.135	ng	# 83
51) Acenaphthene	9.96	154	663950	36.490	ng	99
52) 3-Nitroaniline	9.89	138	254362	38.928	ng	96
53) 2,4-Dinitrophenol	10.00	184	54468	35.379	ng	# 16
54) Dibenzofuran	10.13	168	900545	36.054	ng	96
55) 4-Nitrophenol	10.05	139	141337	34.900	ng	# 87
56) 2,4-Dinitrotoluene	10.12	165	231595	35.555	ng	# 86
57) Fluorene	10.47	166	764360	35.923	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	156600	36.016	ng	92
59) Diethylphthalate	10.33	149	880337	37.505	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	338575	37.523	ng	98
61) 4-Nitroaniline	10.50	138	252841	38.741	ng	97
62) Azobenzene	10.62	77	928830	38.876	ng	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	119534	38.251	ng	# 82
65) n-Nitrosodiphenylamine	10.58	169	673174	36.542	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	198594	36.033	ng	95
67) Hexachlorobenzene	11.02	284	215142	35.964	ng	98
68) Atrazine	11.10	200	204331	36.903	ng	99
69) Pentachlorophenol	11.22	266	106719	36.896	ng	97
70) Phenanthrene	11.44	178	1047685	35.982	ng	99
71) Anthracene	11.49	178	1066294	35.713	ng	99
72) Carbazole	11.64	167	1101878	37.059	ng	99
73) Di-n-butylphthalate	11.96	149	1409799	37.893	ng	99
74) Fluoranthene	12.63	202	1036553	35.427	ng	99
76) Benzidine	12.75	184	567290	42.423	ng	98
77) Pyrene	12.86	202	1066403	38.240	ng	100
79) Butylbenzylphthalate	13.46	149	594462	40.346	ng	94
80) Benzo(a)anthracene	14.06	228	889544	38.329	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	298511	36.042	ng	99
82) Chrysene	14.10	228	851455	37.785	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	743668	37.402	ng	99
84) Di-n-octyl phthalate	14.64	149	1274789	39.682	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	609922	34.189	ng	99
87) Benzo(b)fluoranthene	15.13	252	778757	38.510	ng	98
88) Benzo(k)fluoranthene	15.16	252	700124	36.767	ng	99
89) Benzo(a)pyrene	15.51	252	682147	37.775	ng	# 97
90) Dibenzo(a,h)anthracene	17.12	278	504052	36.123	ng	99
91) Benzo(g,h,i)perylene	17.57	276	507105	37.184	ng	97

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

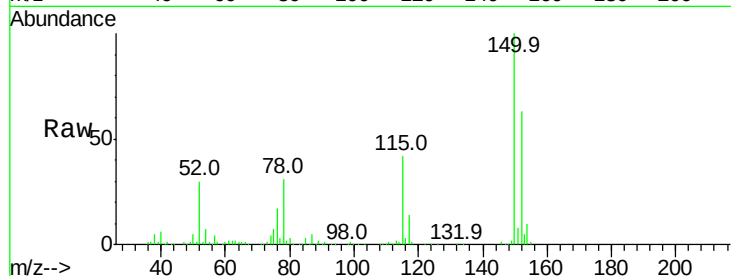


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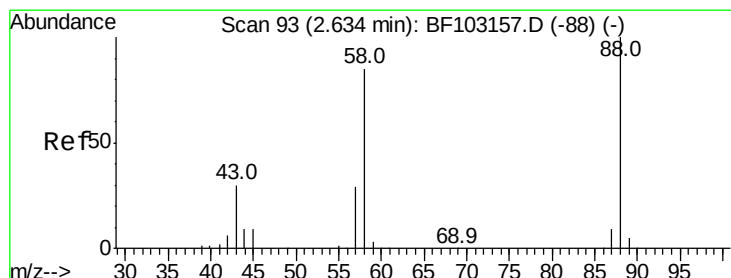
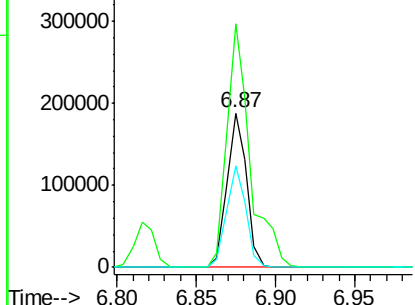
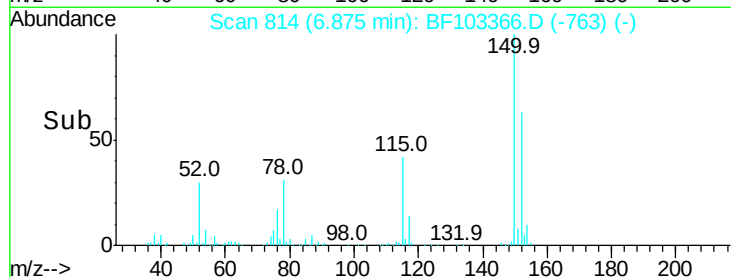
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 159654
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 65.7 50.1 75.1



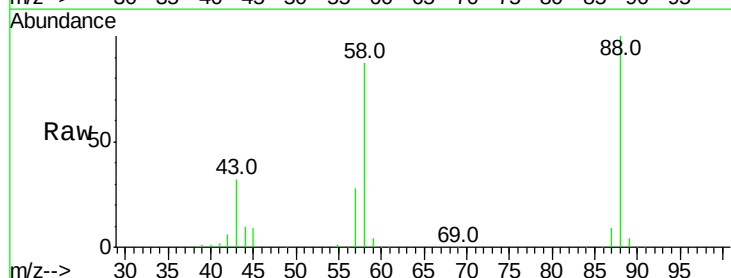
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



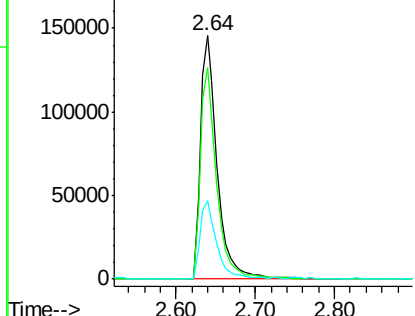
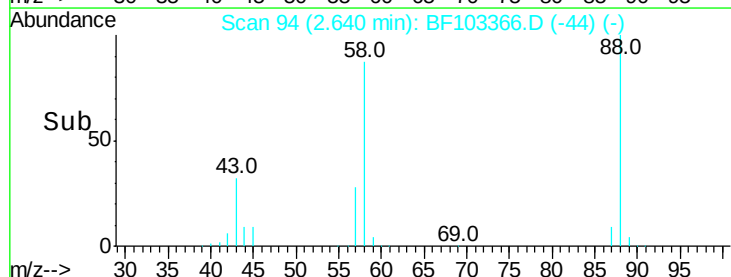
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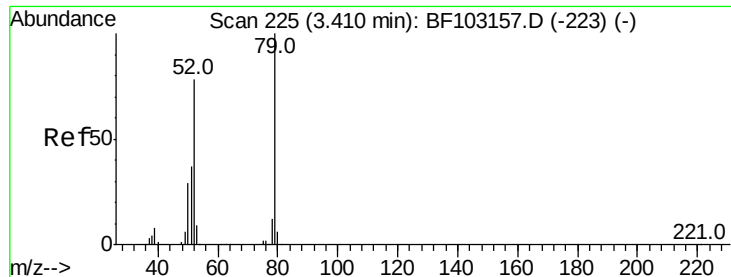
1,4-Dioxane
Concen: 38.810 ng
RT: 2.64 min Scan# 94
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion: 88 Resp: 216379
Ion Ratio Lower Upper
88 100
58 84.4 62.6 93.8
43 32.3 24.6 37.0



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





#3

Pvridine

Concen: 41.118 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

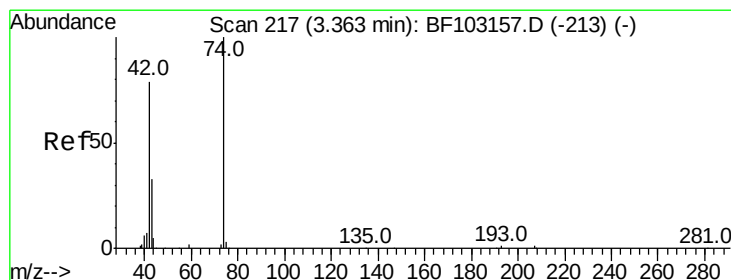
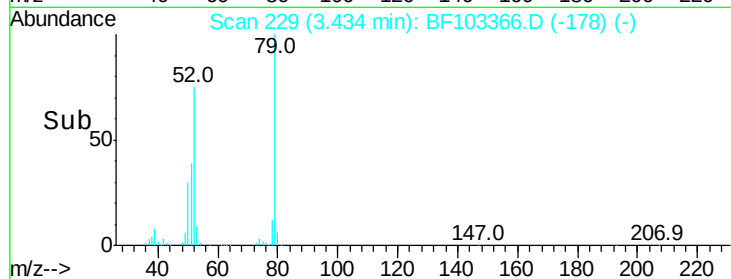
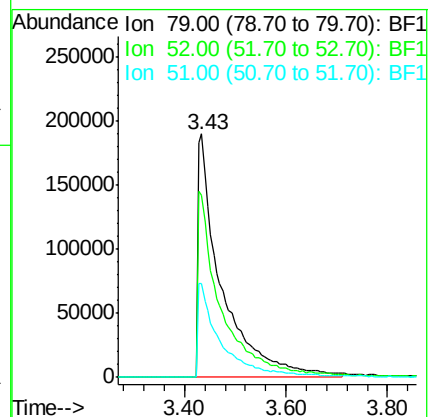
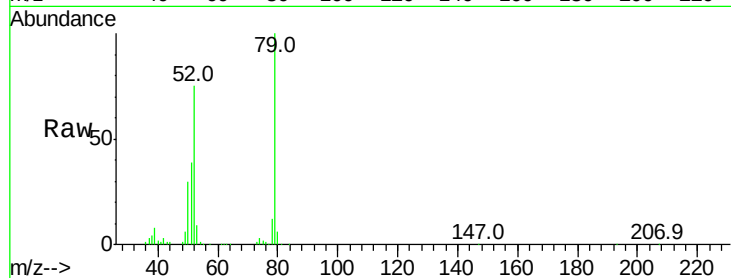
Tot Ion: 79 Resp: 612025

Ion Ratio Lower Upper

79 100

52 74.6 59.8 89.6

51 38.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 43.472 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.01 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

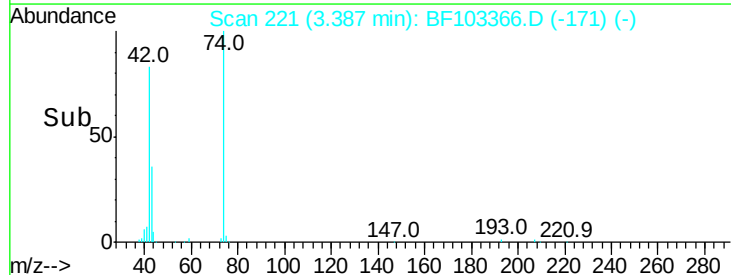
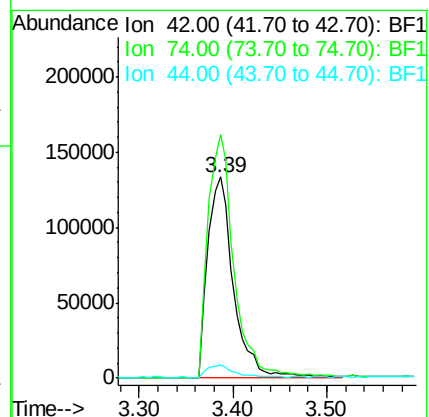
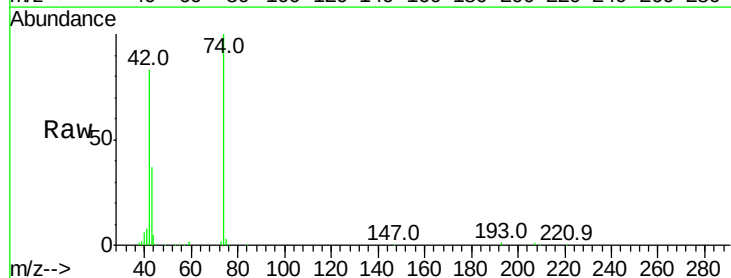
Tgt Ion: 42 Resp: 260960

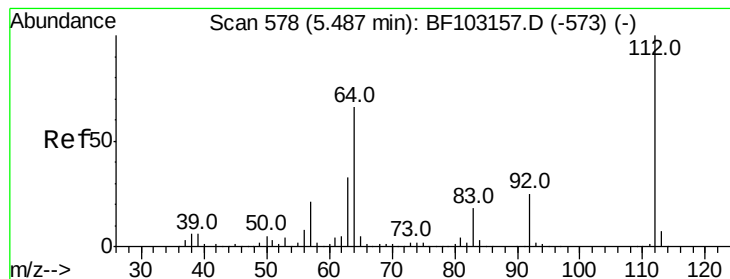
Ion Ratio Lower Upper

42 100

74 121.1 104.9 157.3

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 75.718 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

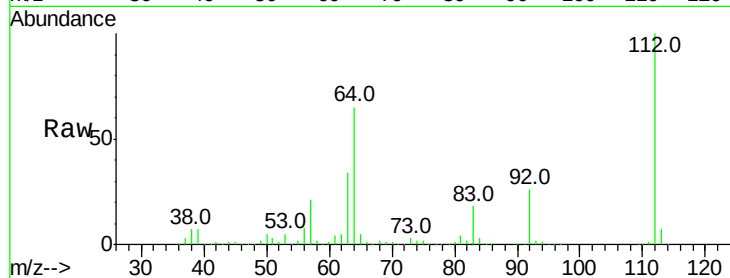
Tot Ion:112 Resp: 799288

Ion Ratio Lower Upper

112 100

64 65.0 47.9 71.9

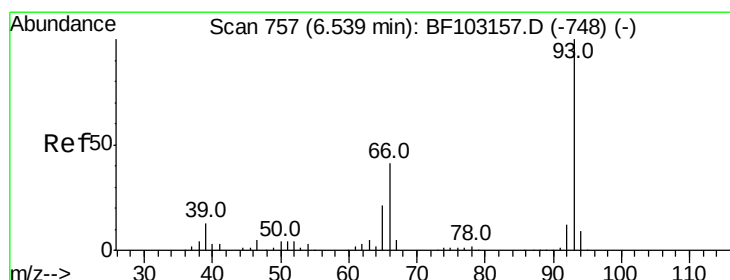
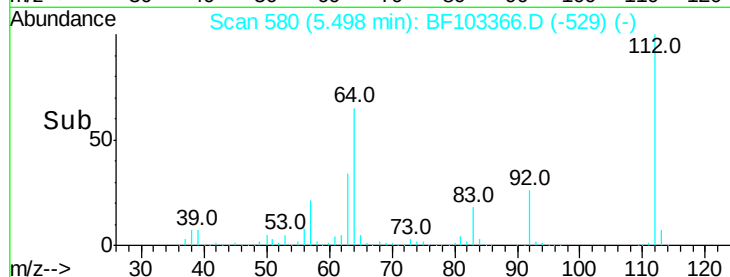
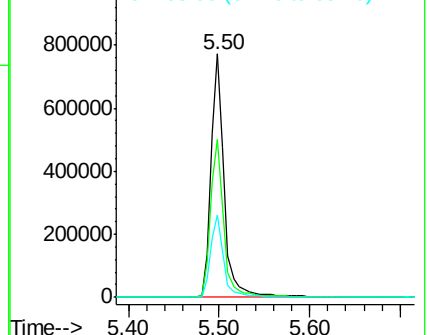
63 33.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.549 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

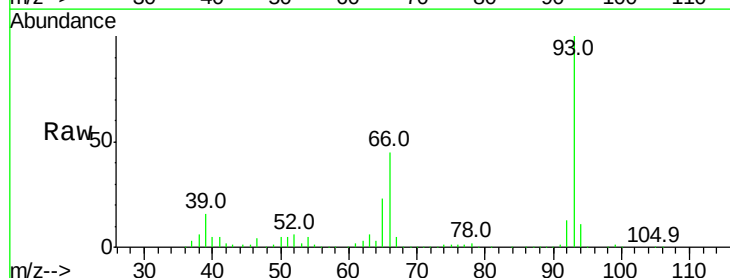
Tgt Ion: 93 Resp: 737269

Ion Ratio Lower Upper

93 100

66 44.8 32.2 48.2

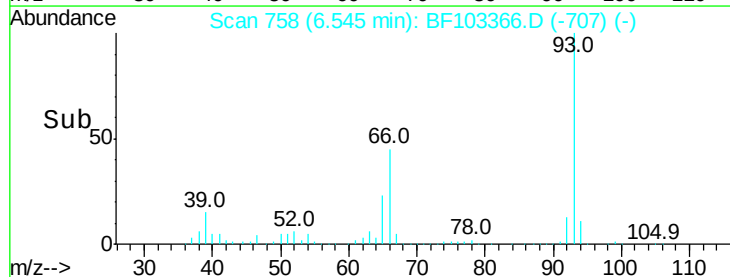
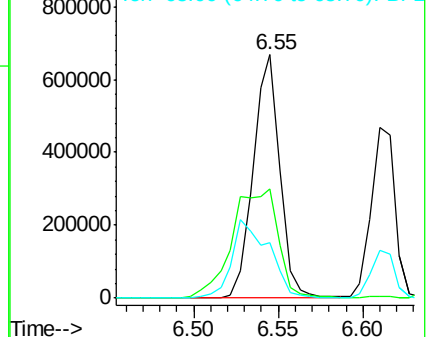
65 22.9 16.4 24.6

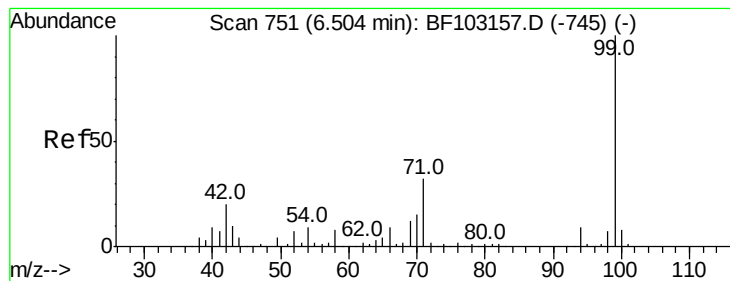


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.430 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

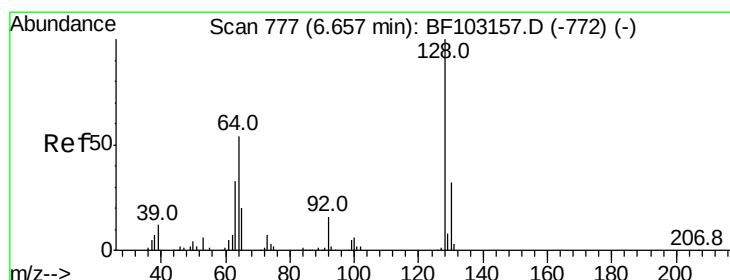
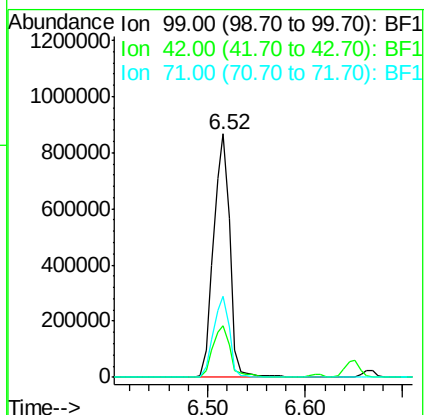
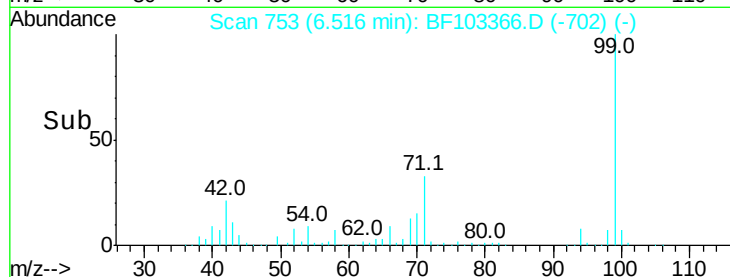
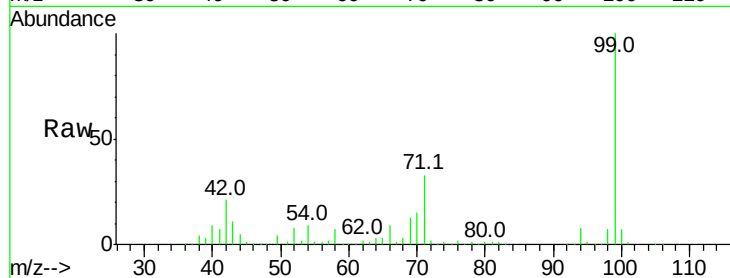
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1000162

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	33.1	25.4	38.0



#8

2-Chlorophenol

Concen: 39.106 ng

RT: 6.67 min Scan# 779

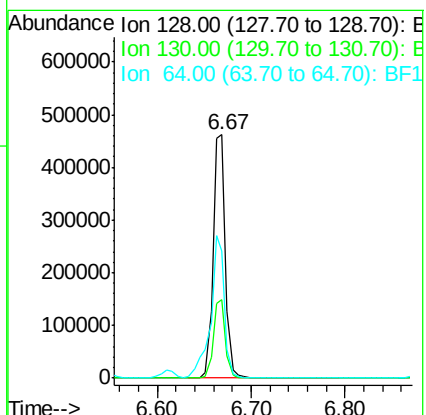
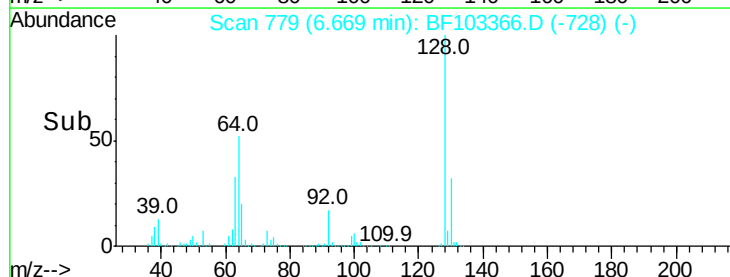
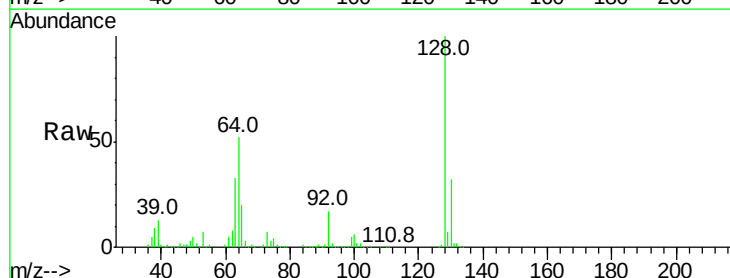
Delta R.T. -0.00 min

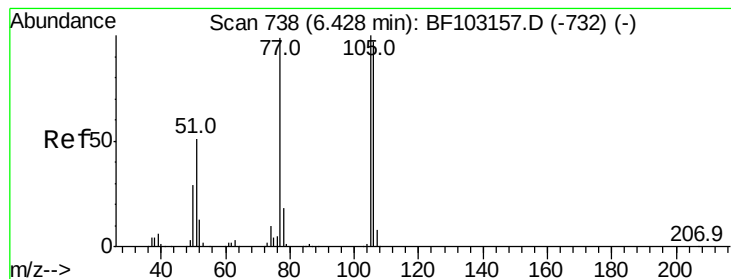
Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Tgt Ion: 128 Resp: 428842

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	52.2	29.4	69.4





#9

Benzaldehyde

Concen: 49.097 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

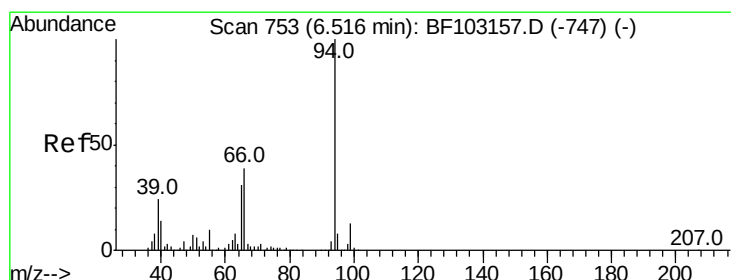
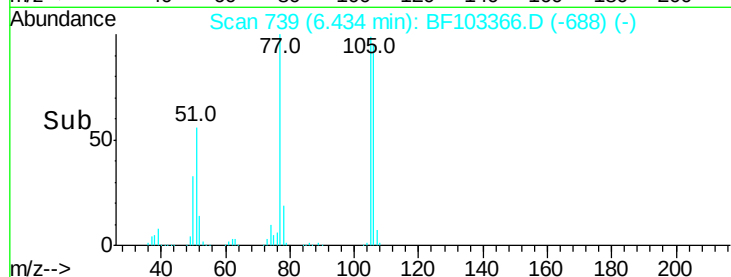
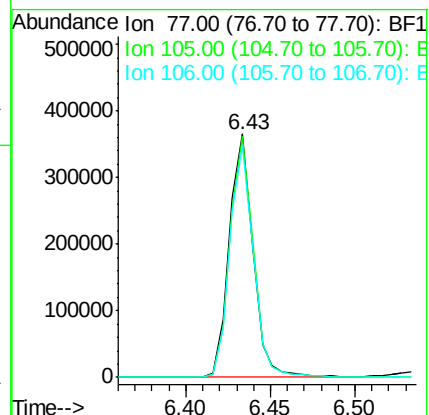
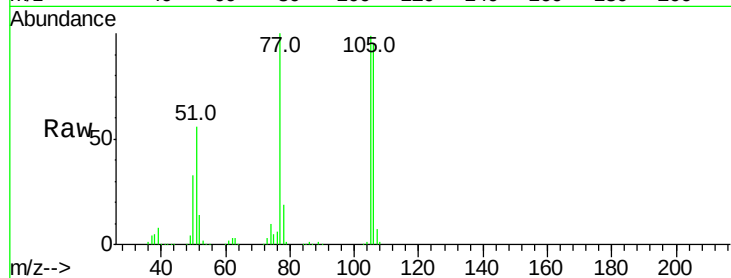
Tot Ion: 77 Resp: 359979

Ion Ratio Lower Upper

77 100

105 99.0 81.1 121.1

106 95.4 74.5 114.5



#10

Phenol

Concen: 38.409 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

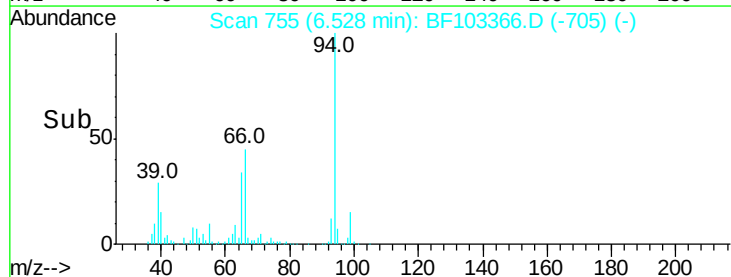
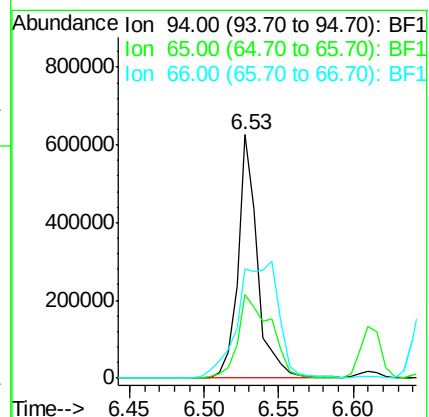
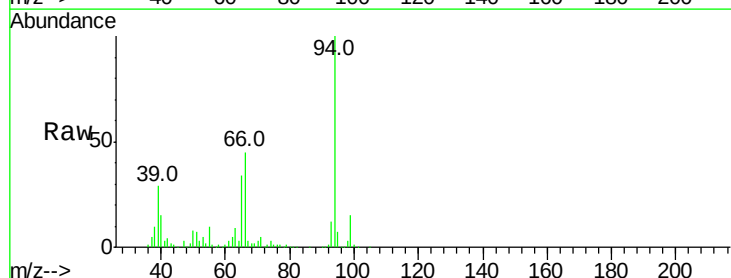
Tgt Ion: 94 Resp: 575955

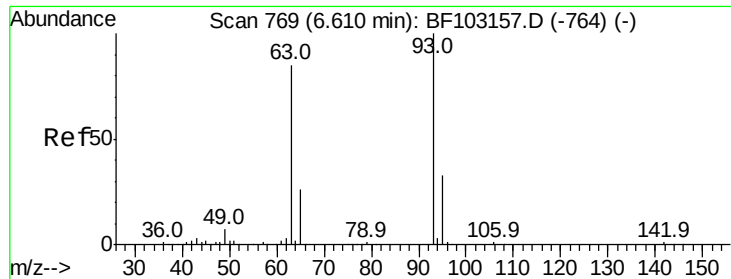
Ion Ratio Lower Upper

94 100

65 34.2 7.9 47.9

66 44.7 16.2 56.2

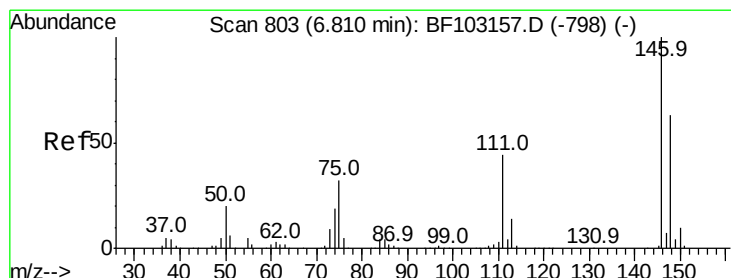
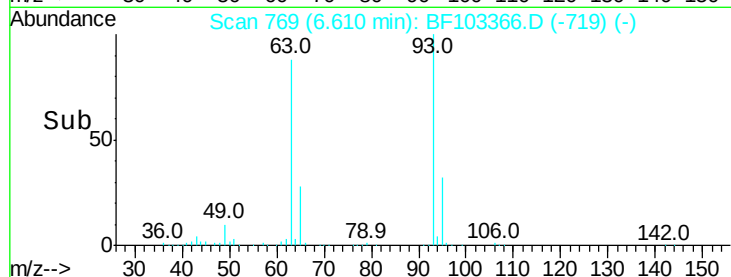
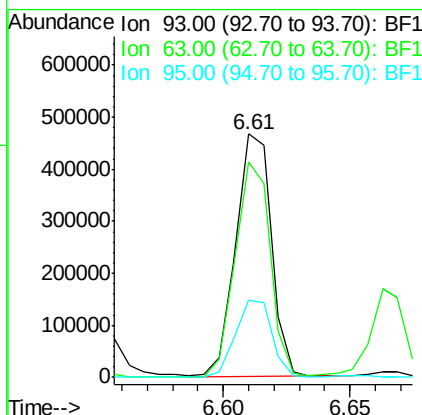
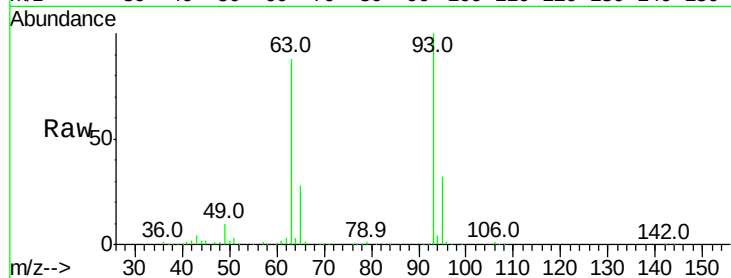




#11
 bis(2-Chloroethyl)ether
 Concen: 40.095 ng
 RT: 6.61 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

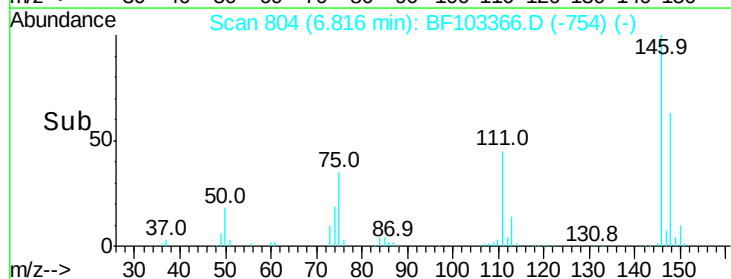
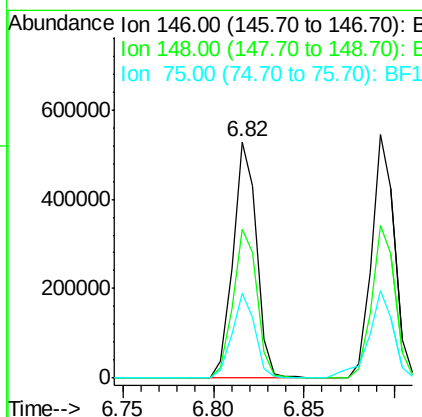
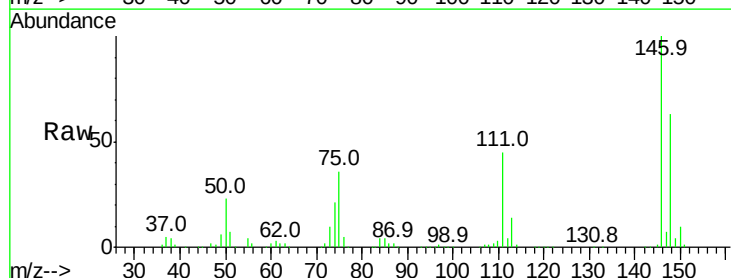
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

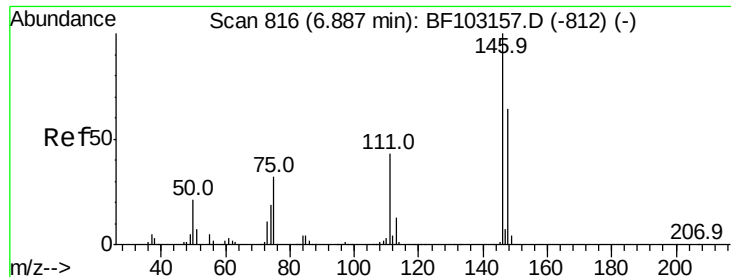
Tot Ion:	93	Resp:	456323
Ion	Ratio	Lower	Upper
93	100		
63	88.4	58.6	98.6
95	31.9	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.052 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:	146	Resp:	476863
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	35.9	24.2	36.4

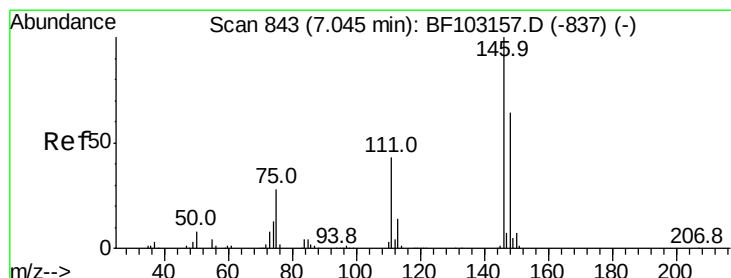
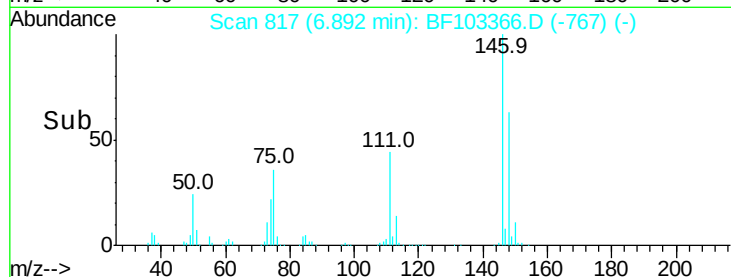
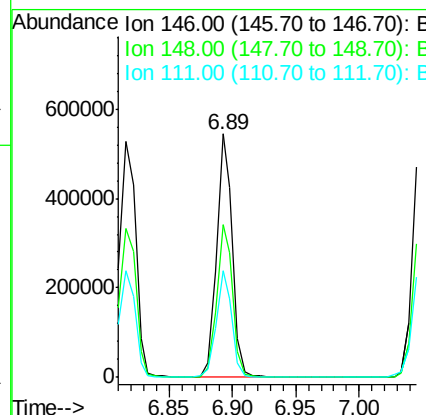
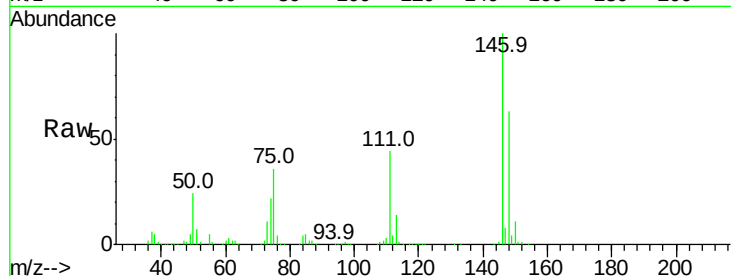




#13
1,4-Dichlorobenzene
Concen: 37.864 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

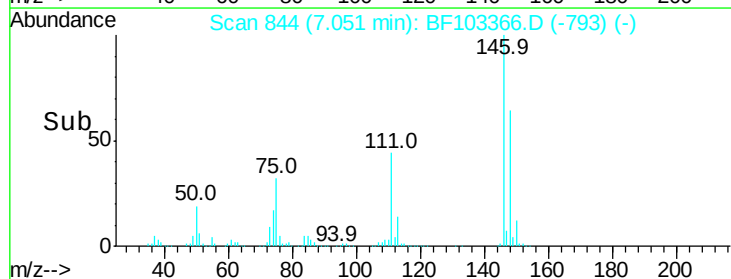
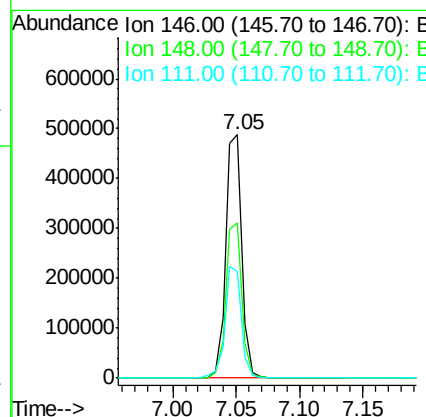
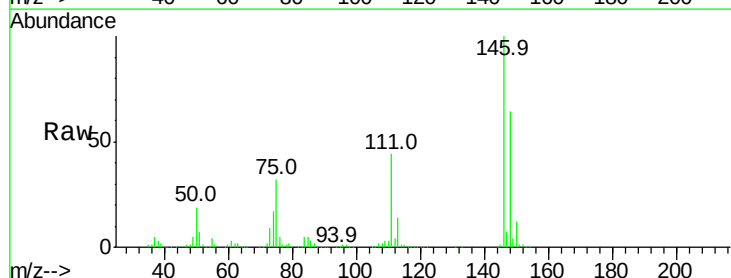
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

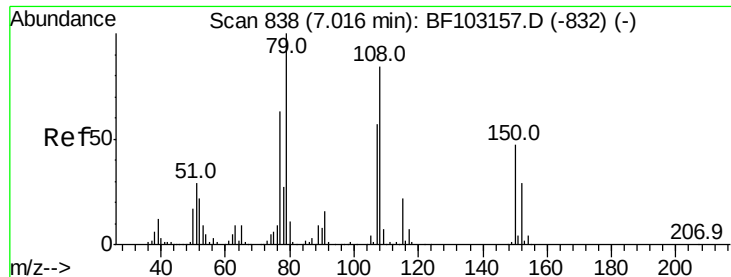
Tot Ion:146 Resp: 475722
Ion Ratio Lower Upper
146 100
148 62.9 50.8 76.2
111 43.7 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 37.389 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion:146 Resp: 433160
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
111 43.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.954 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

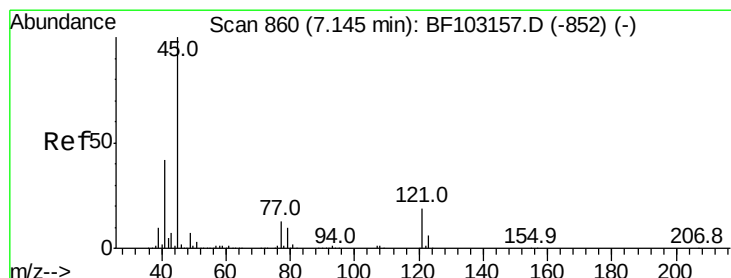
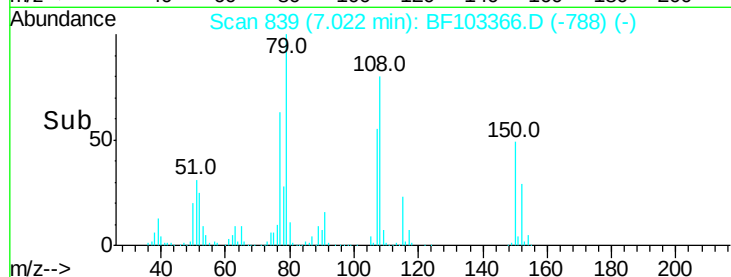
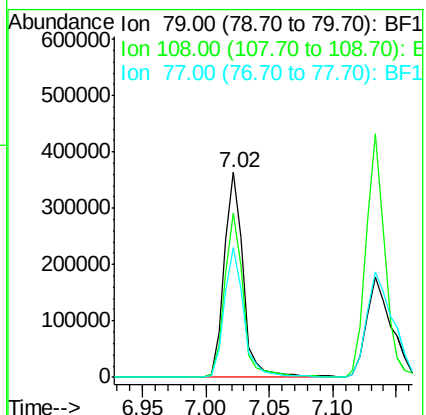
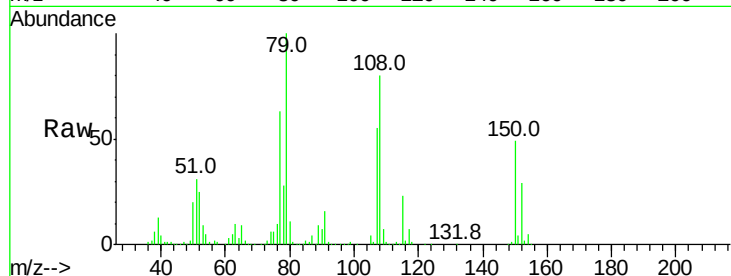
Tot Ion: 79 Resp: 379165

Ion Ratio Lower Upper

79 100

108 80.0 65.1 97.7

77 63.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.111 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

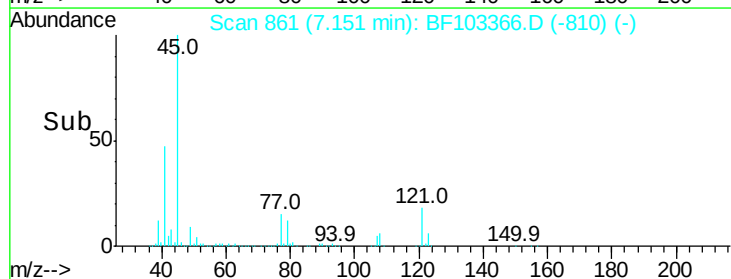
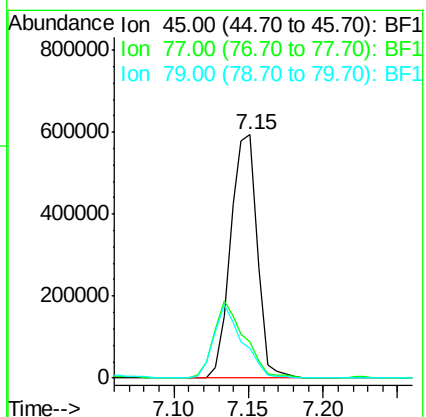
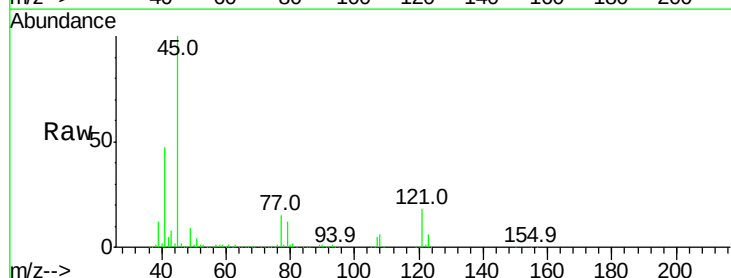
Tgt Ion: 45 Resp: 744824

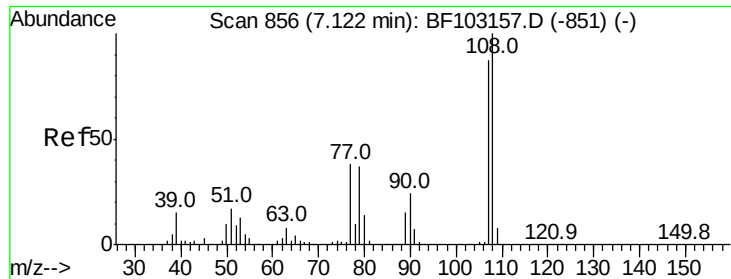
Ion Ratio Lower Upper

45 100

77 15.1 0.0 32.9

79 12.3 0.0 29.6

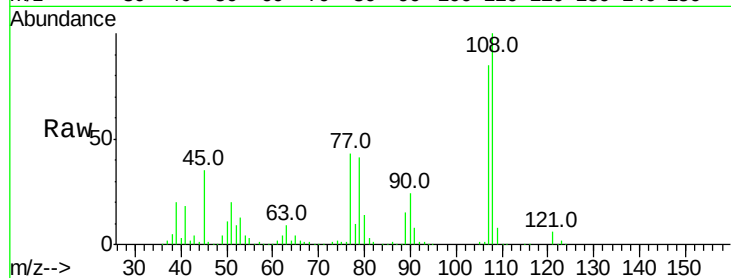




#17
2-Methylphenol
Concen: 38.255 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.2	91.7	137.5
77	50.9	33.8	50.8#
79	48.6	33.8	50.8



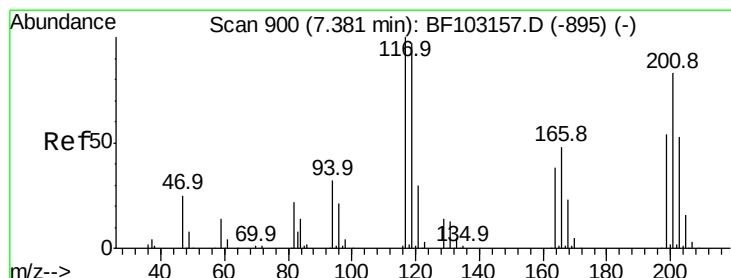
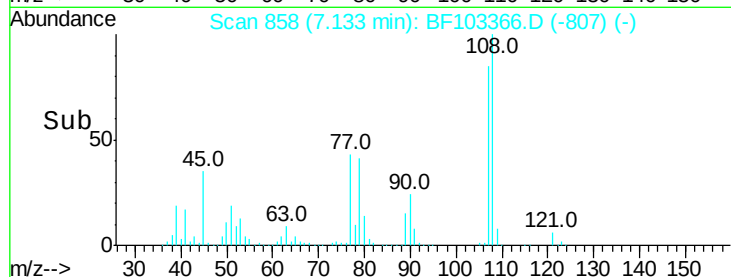
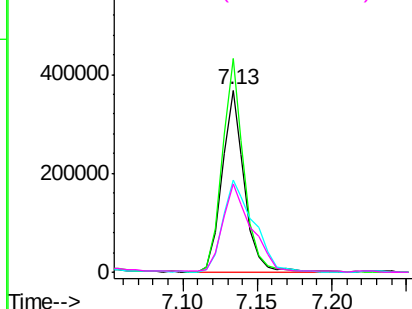
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

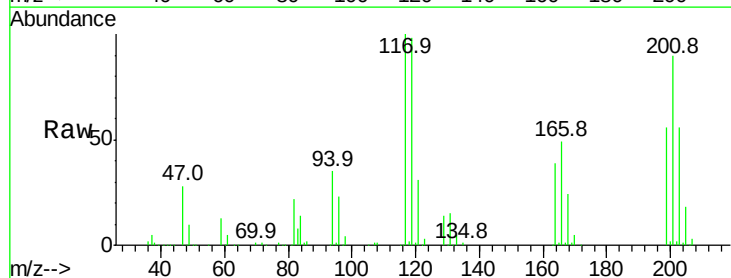
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.975 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.8	113.8
201	89.8	75.7	113.5

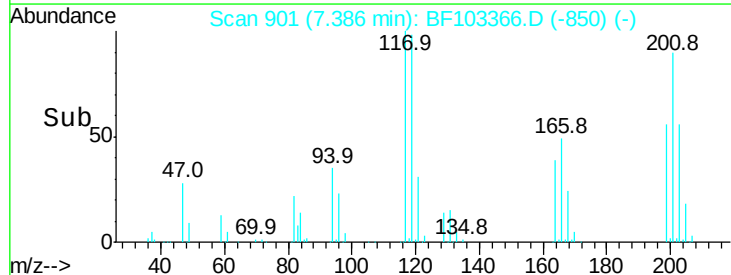
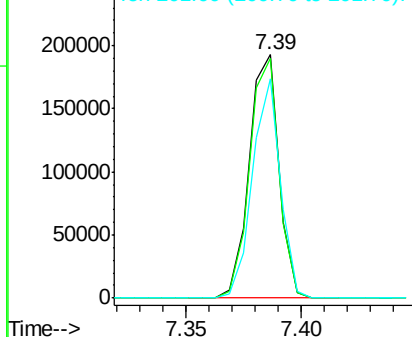


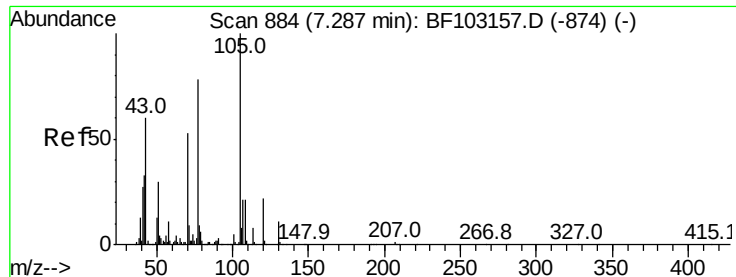
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.359 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

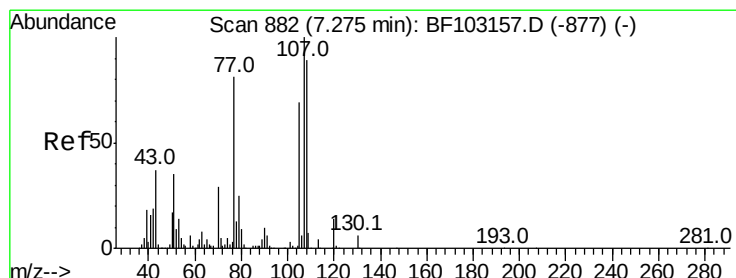
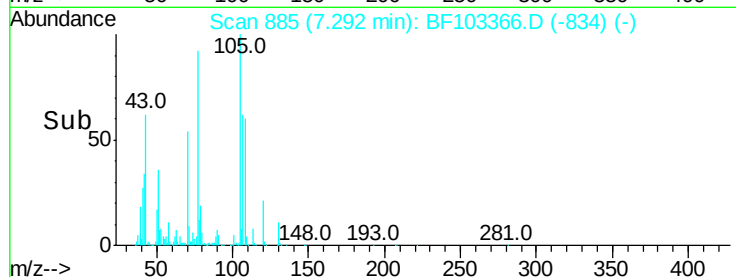
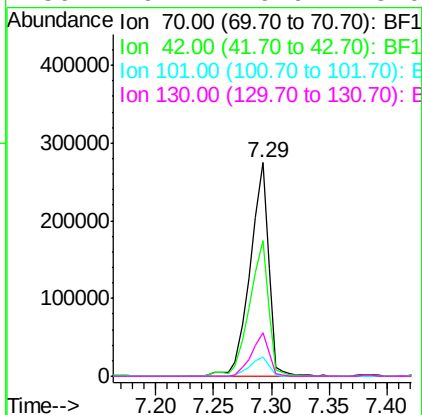
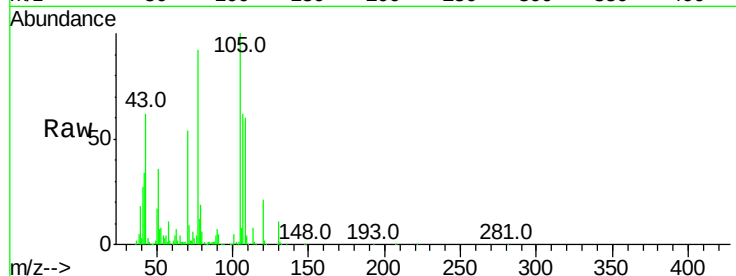
Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 308370

Ion	Ratio	Lower	Upper
70	100		
42	63.4	47.5	71.3
101	9.2	7.4	11.2
130	20.2	16.6	25.0



#20

3+4-Methylphenols

Concen: 36.450 ng

RT: 7.29 min Scan# 884

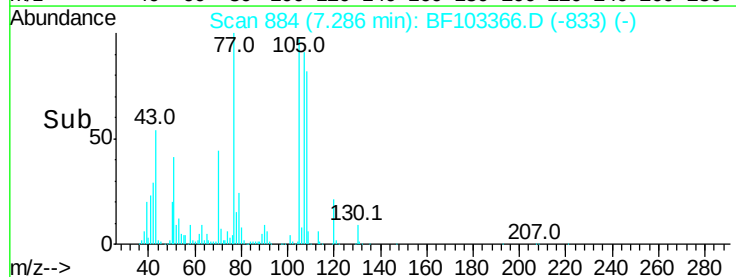
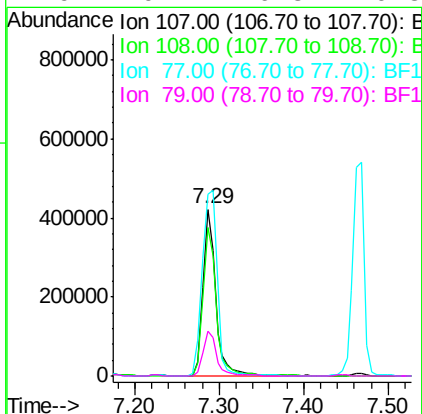
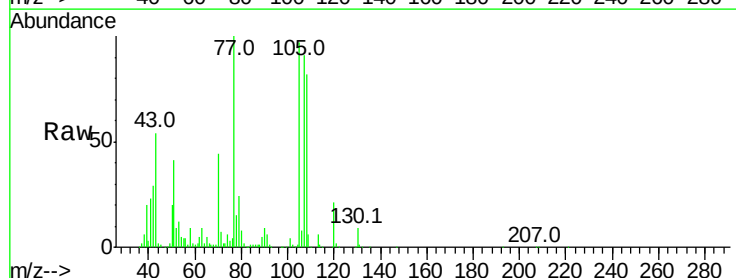
Delta R.T. -0.00 min

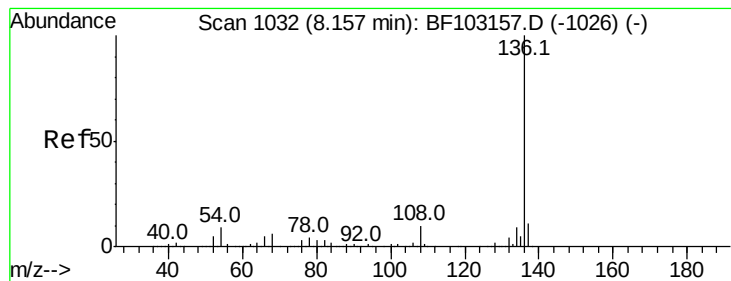
Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Tgt Ion: 107 Resp: 442789

Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	109.3	26.7	66.7#
79	26.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 667605

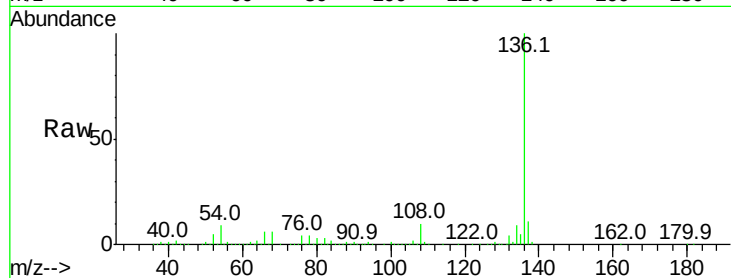
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 6.6 9.8

68 6.4 5.0 7.4

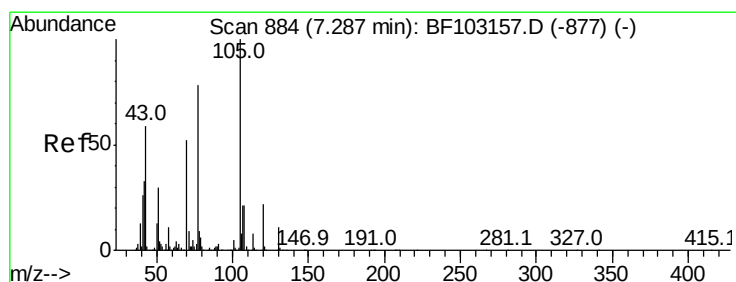
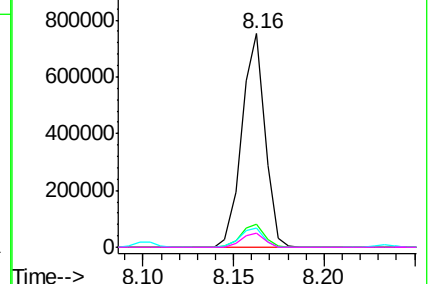
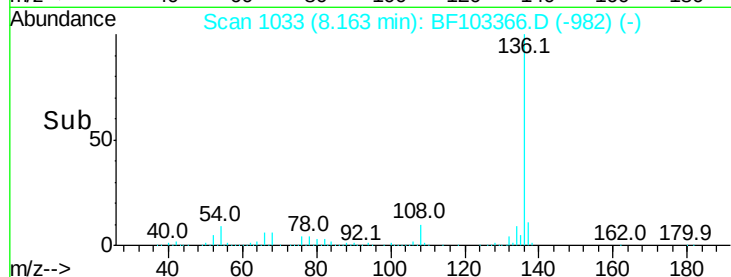


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.814 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Tgt Ion:105 Resp: 589252

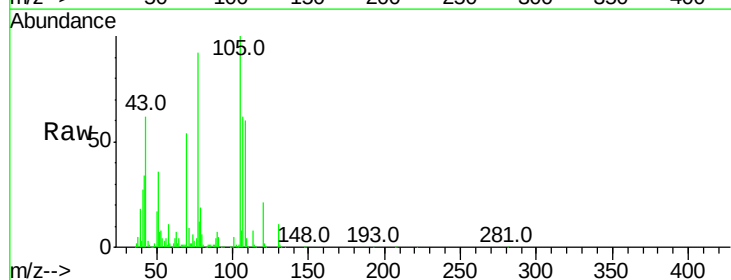
Ion Ratio Lower Upper

105 100

71 8.9 4.4 6.6#

51 36.0 22.3 33.5#

120 21.3 16.9 25.3

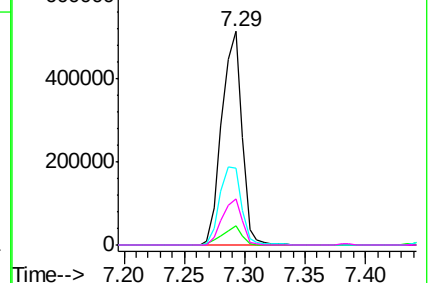
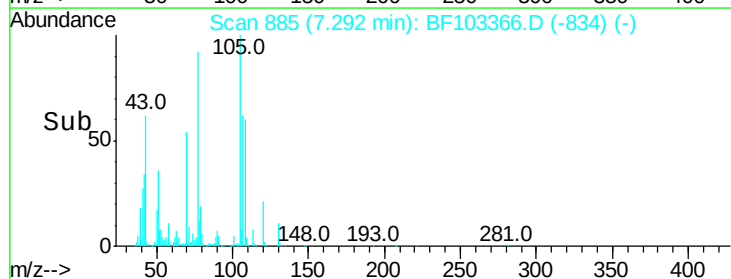


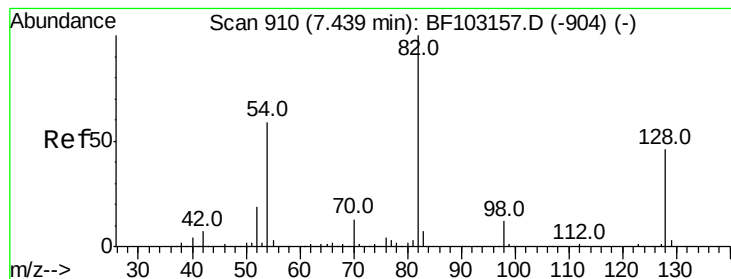
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.955 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

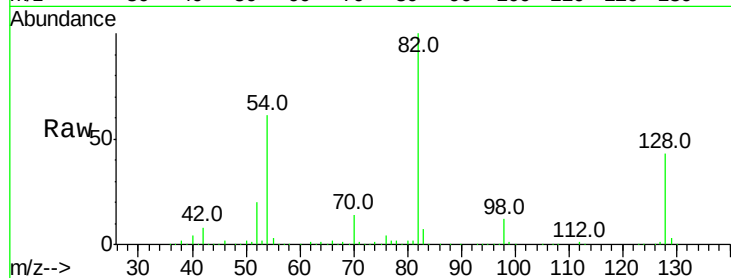
Tot Ion: 82 Resp: 911301

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

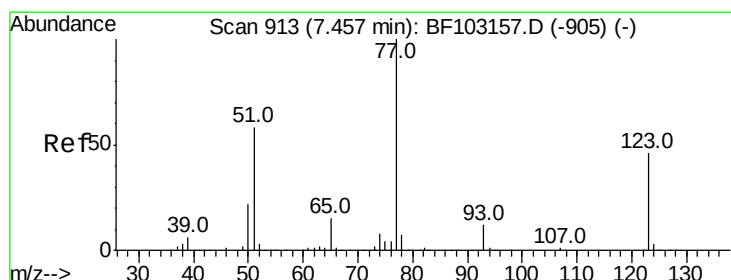
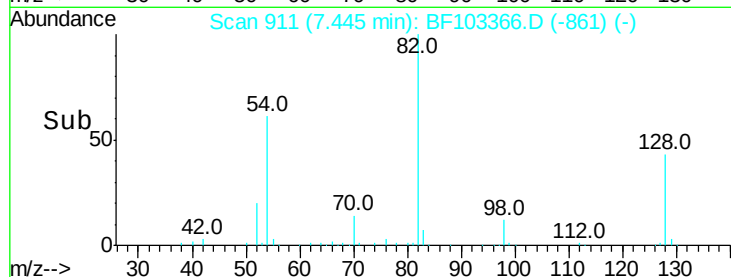
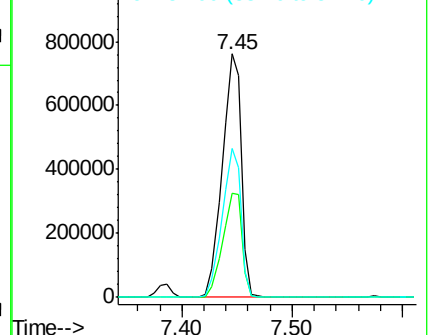
54 61.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.456 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

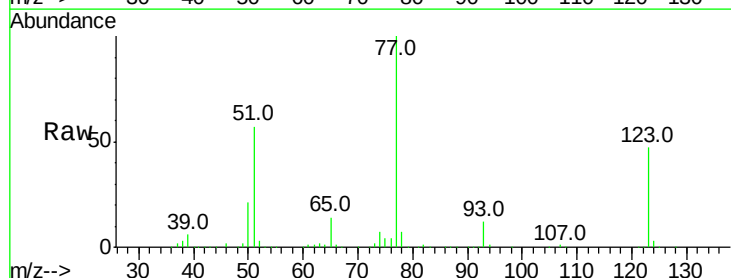
Tgt Ion: 77 Resp: 507835

Ion Ratio Lower Upper

77 100

123 47.5 37.9 56.9

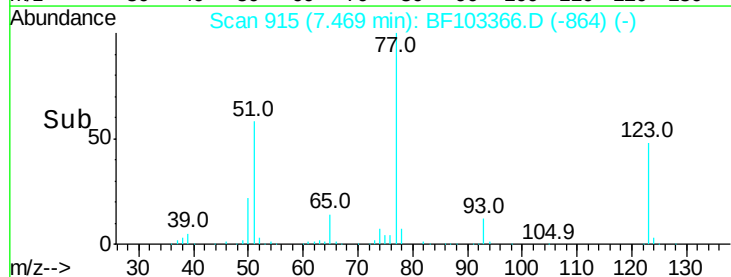
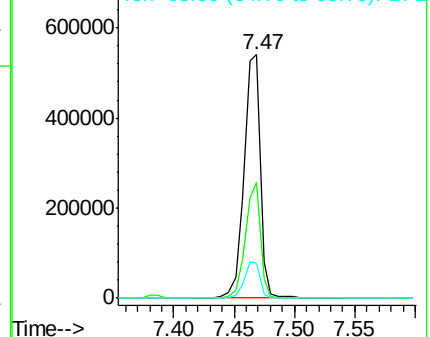
65 14.4 11.0 16.4

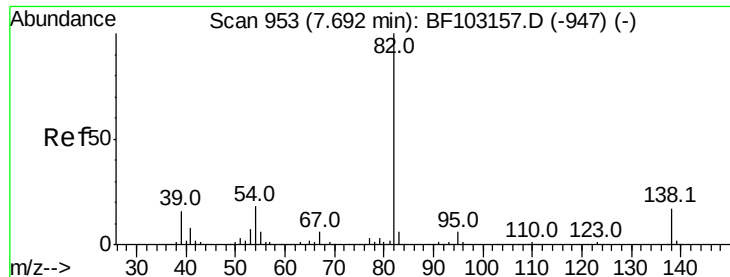


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.937 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

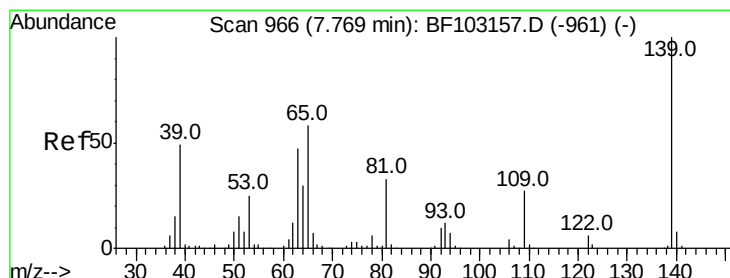
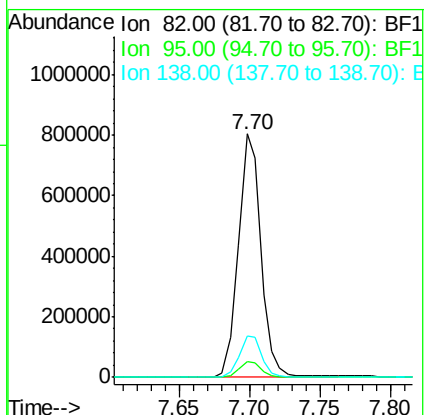
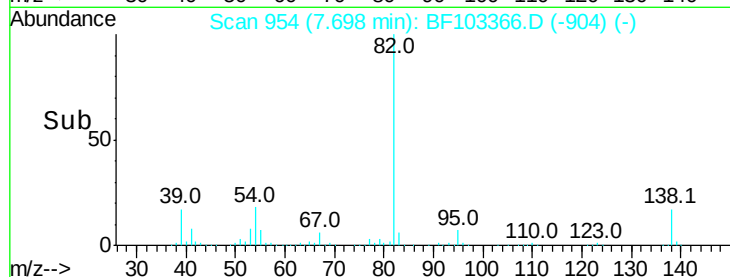
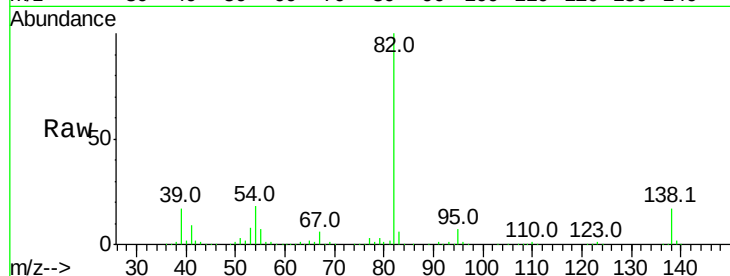
Tot Ion: 82 Resp: 896470

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 39.738 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

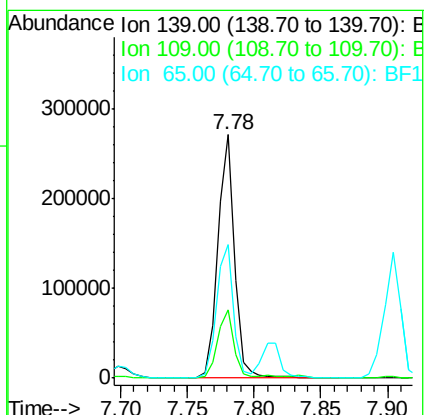
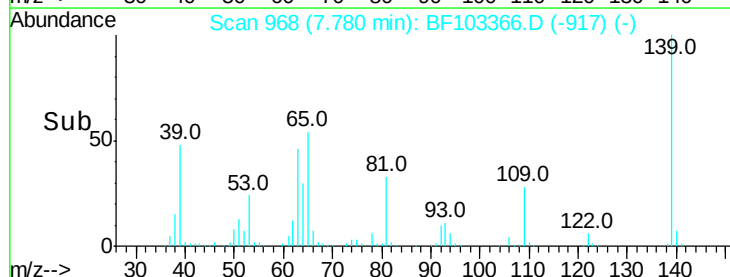
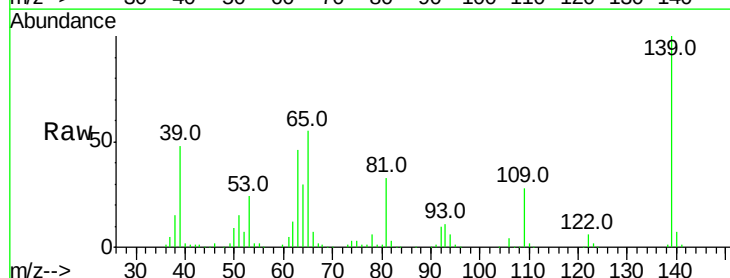
Tgt Ion: 139 Resp: 240780

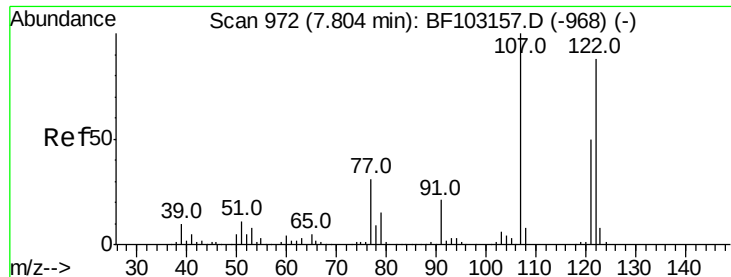
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 54.8 40.5 60.7

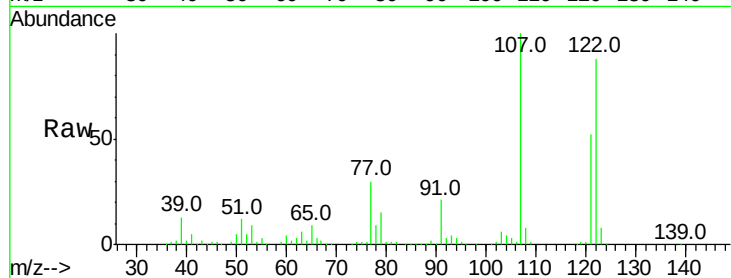




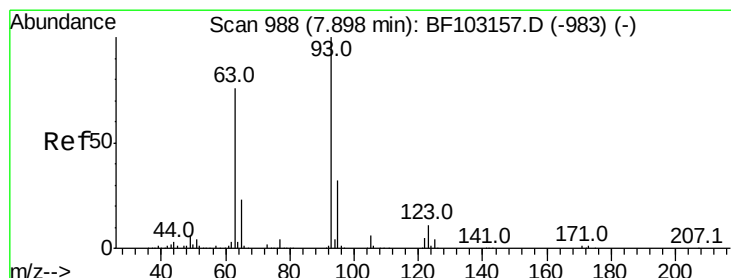
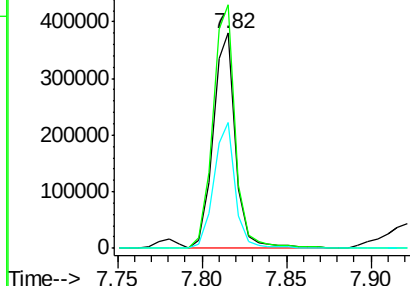
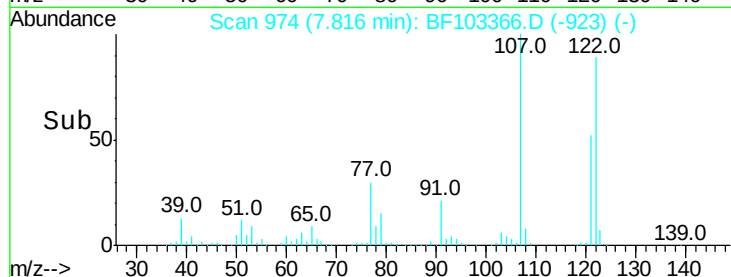
#27
 2,4-Dimethylphenol
 Concen: 37.616 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 348382
 Ion Ratio Lower Upper
 122 100
 107 113.0 91.2 136.8
 121 58.6 47.2 70.8

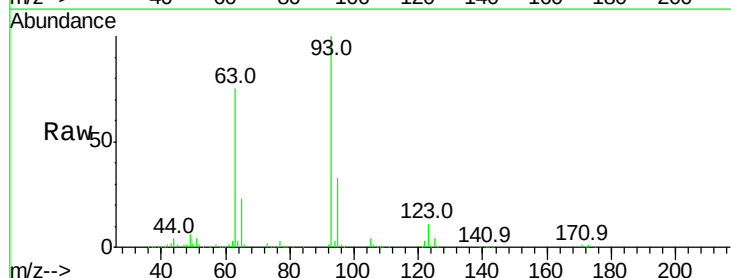


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

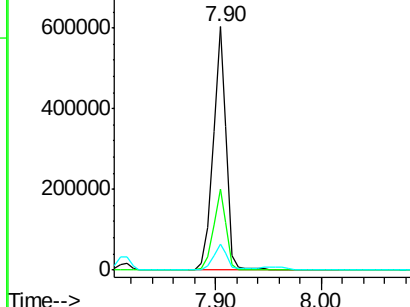
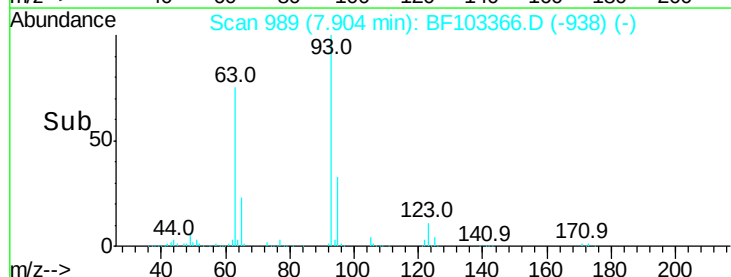


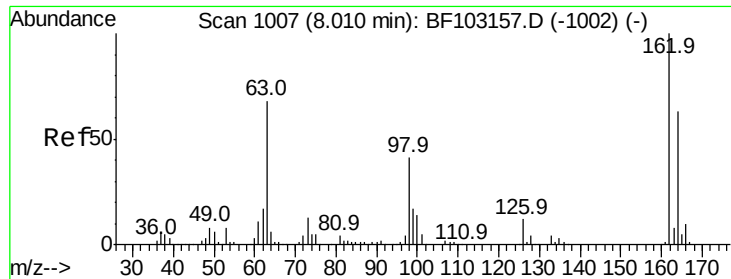
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.982 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion: 93 Resp: 527687
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 10.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

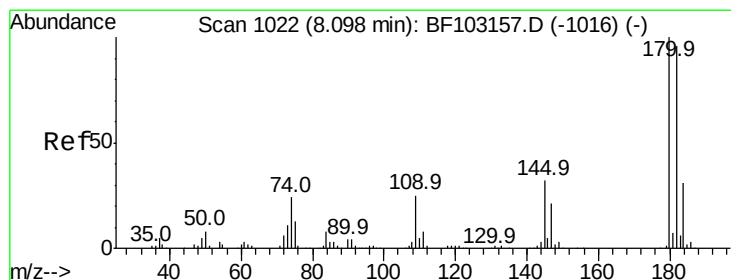
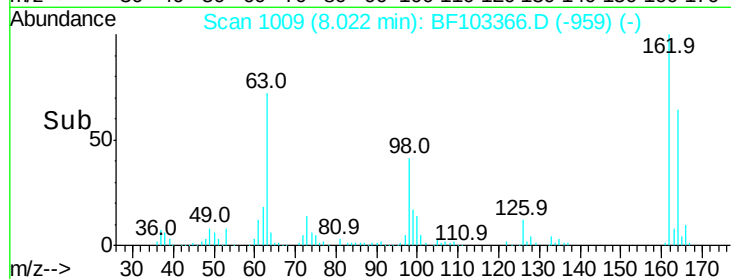
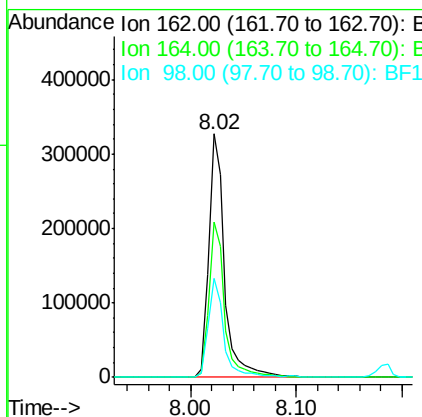
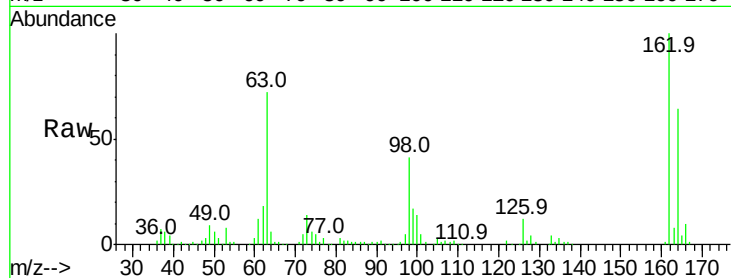




#29
 2,4-Dichlorophenol
 Concen: 38.775 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

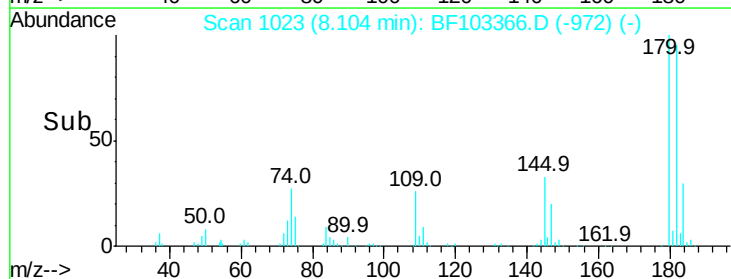
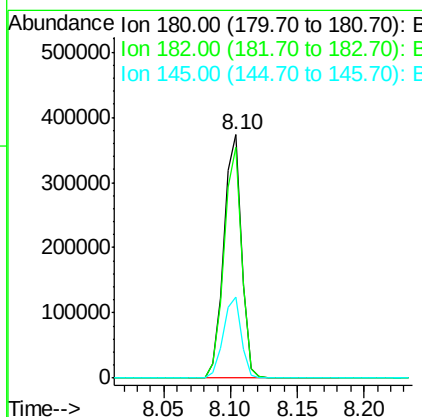
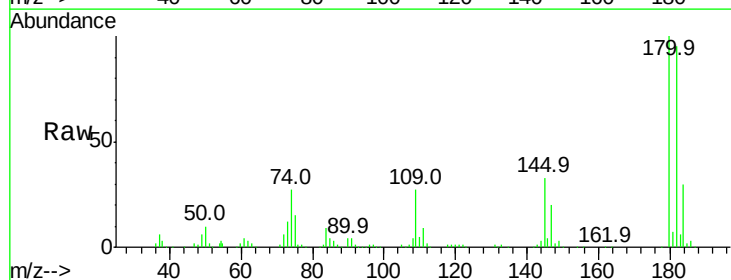
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

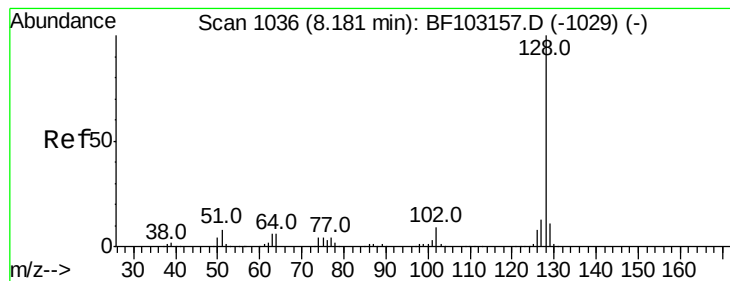
Tot Ion:162 Resp: 343820
 Ion Ratio Lower Upper
 162 100
 164 63.6 42.7 82.7
 98 40.8 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.584 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:180 Resp: 354886
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.8 115.2
 145 33.4 26.5 39.7





#31

Naphthalene

Concen: 36.879 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

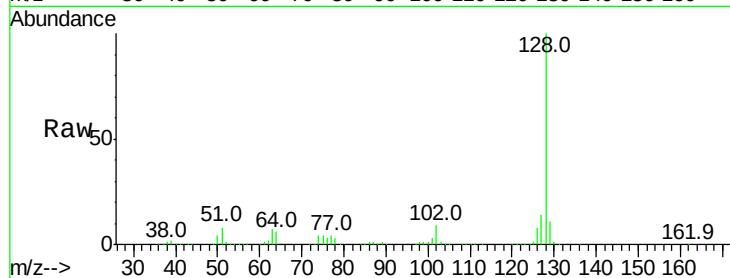
Tot Ion:128 Resp: 1205387

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

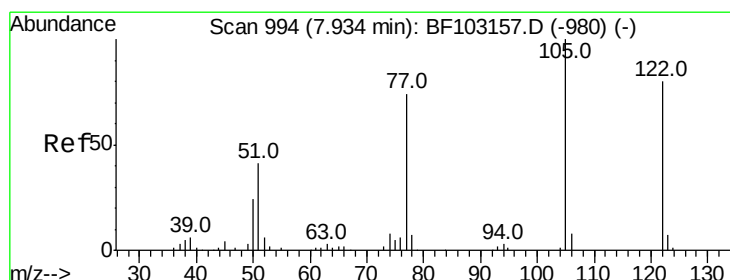
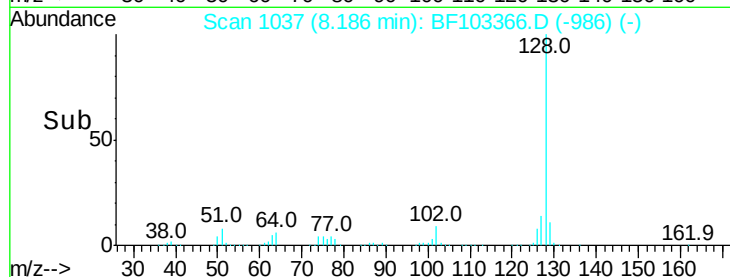
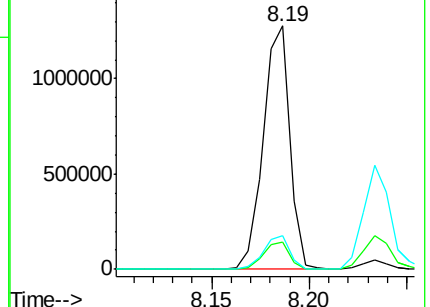
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.356 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

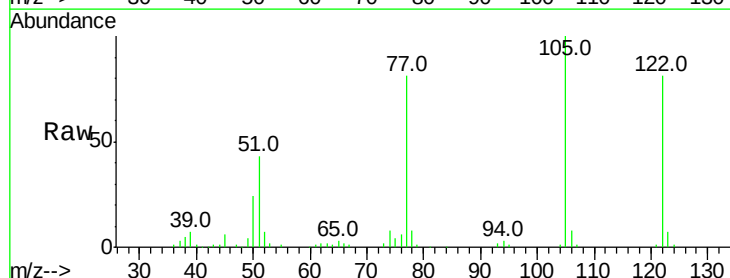
Tgt Ion:122 Resp: 252396

Ion Ratio Lower Upper

122 100

105 123.3 101.1 141.1

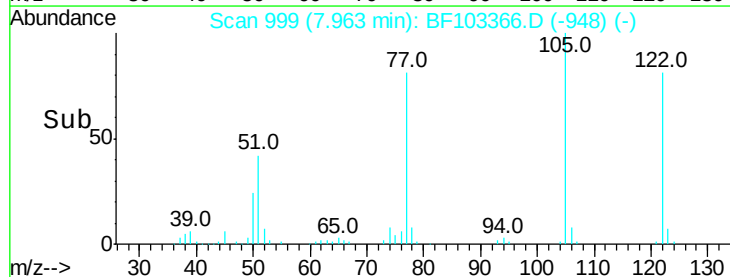
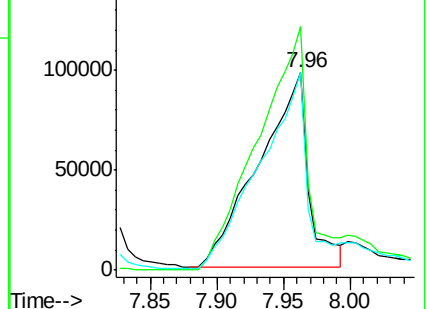
77 99.9 70.7 110.7

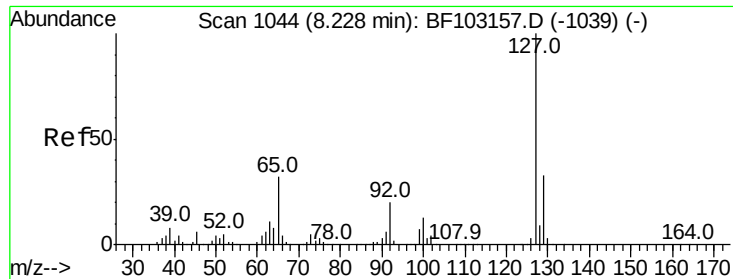


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

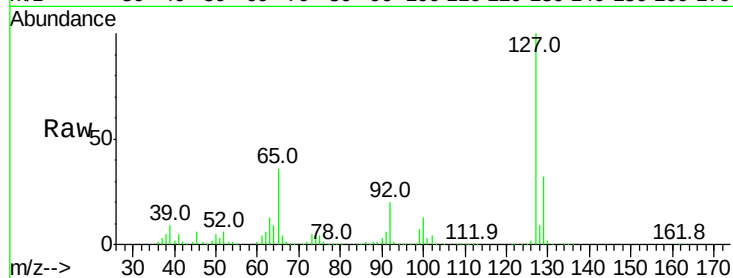




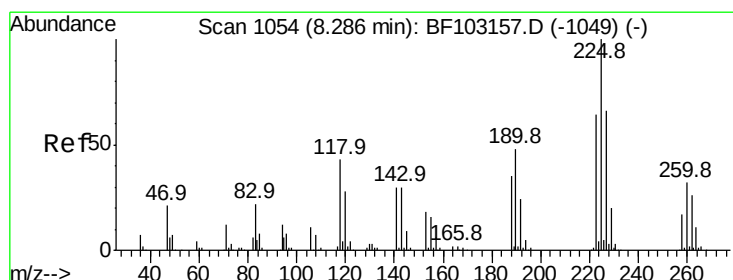
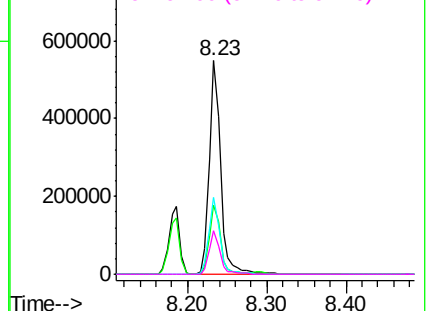
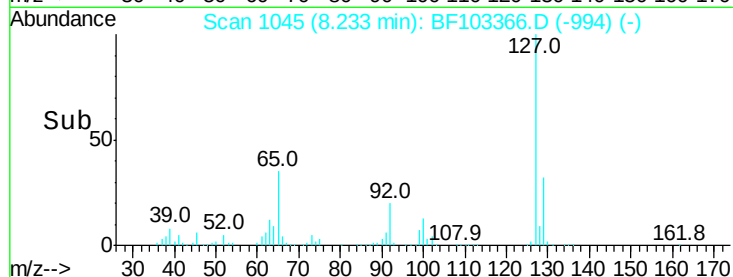
#33
4-Chloroaniline
Concen: 38.900 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	548659
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	35.8	25.0	37.4
92	20.3	15.2	22.8

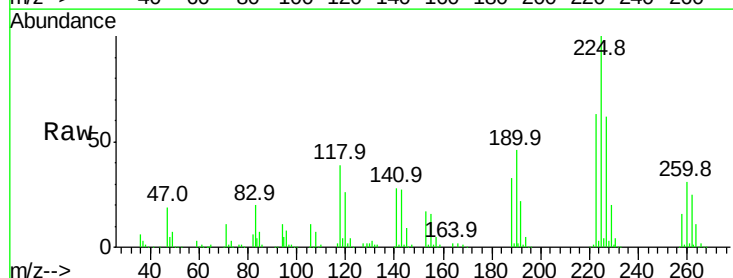


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

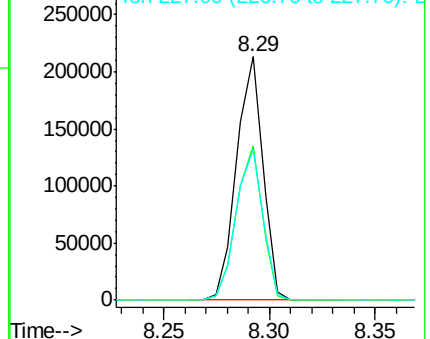
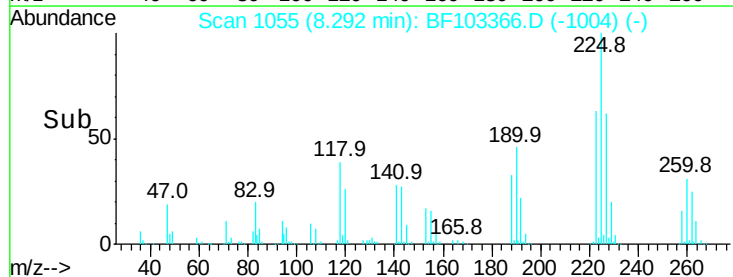


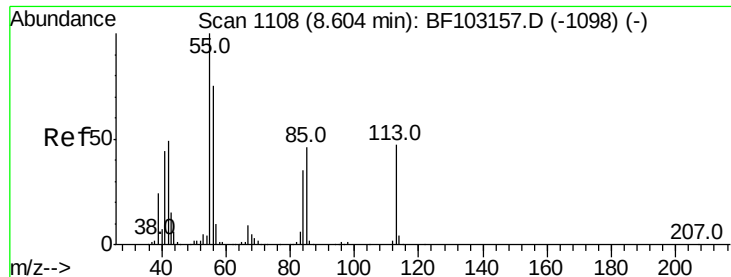
#34
Hexachlorobutadiene
Concen: 37.376 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion:	225	Resp:	183783
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	61.5	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.009 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

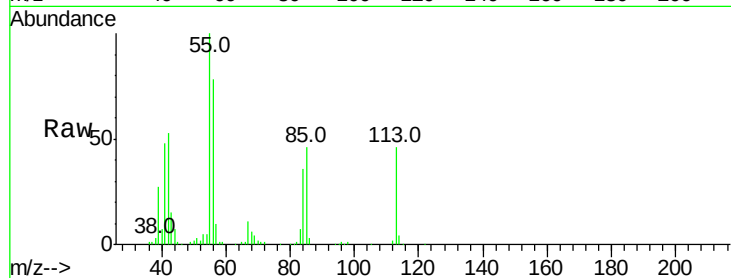
Tot Ion:113 Resp: 124682

Ion Ratio Lower Upper

113 100

55 217.1 163.3 203.3#

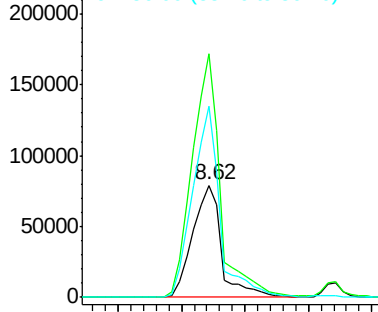
56 169.9 115.7 155.7#



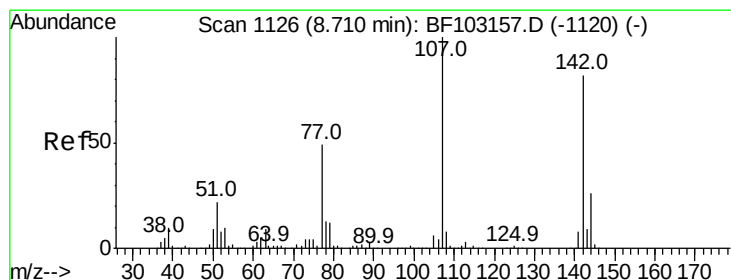
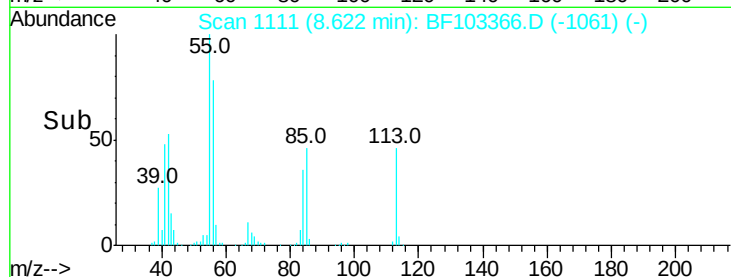
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



Time-->



#36

4-Chloro-3-methylphenol

Concen: 39.487 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

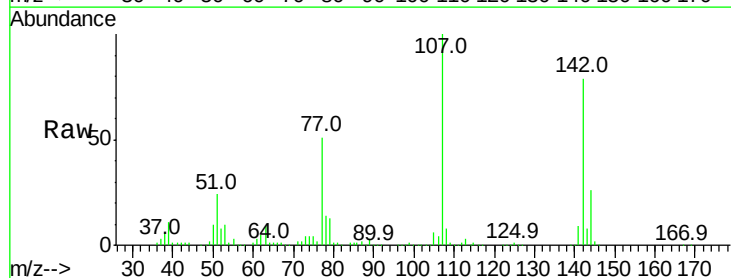
Tgt Ion:107 Resp: 394926

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

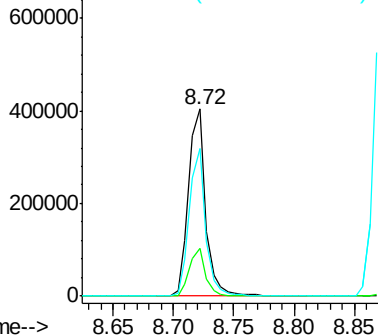
142 78.8 62.0 93.0



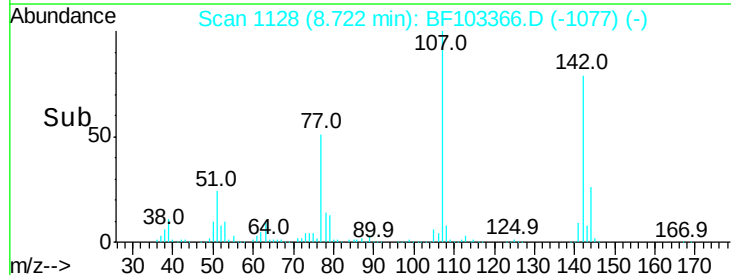
Abundance Ion 107.00 (106.70 to 107.70): E

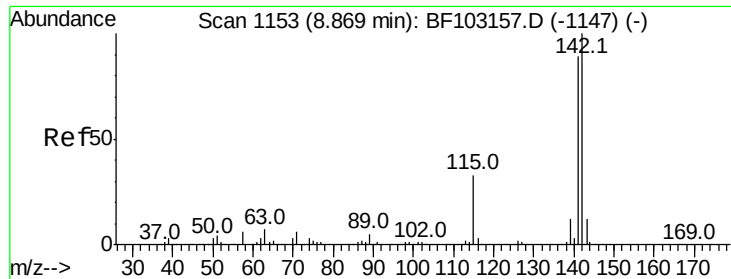
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 37.417 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

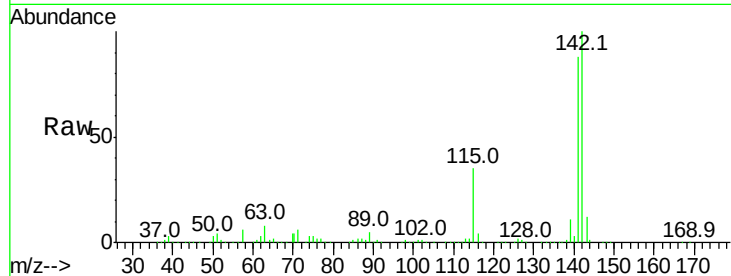
Tot Ion:142 Resp: 790377

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

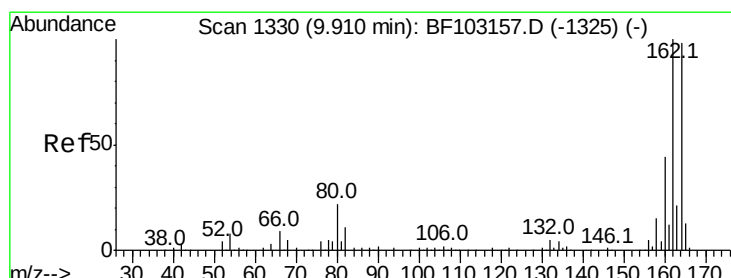
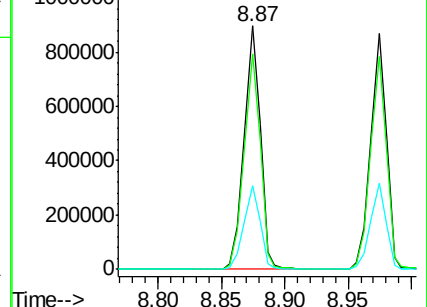
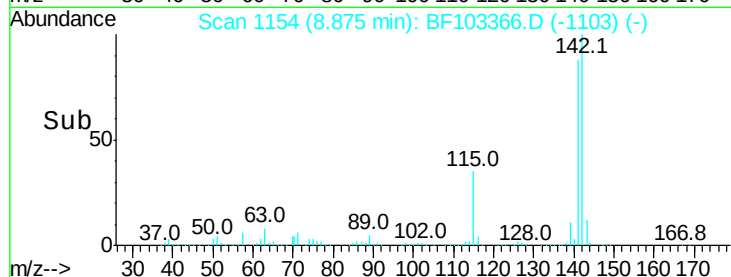
115 34.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

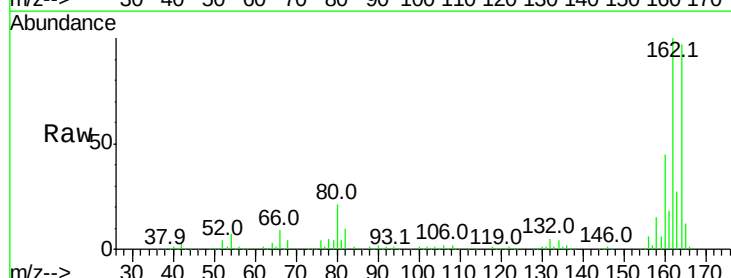
Tgt Ion:164 Resp: 305927

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

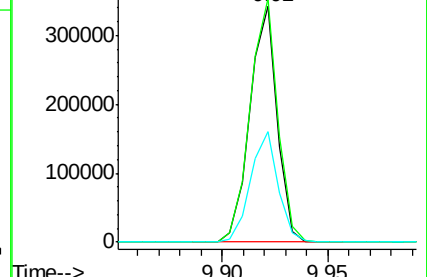
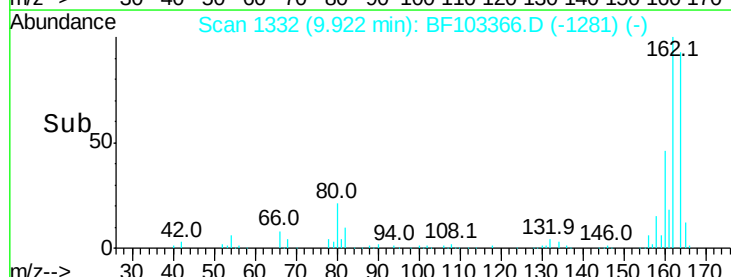
160 46.9 38.3 57.5

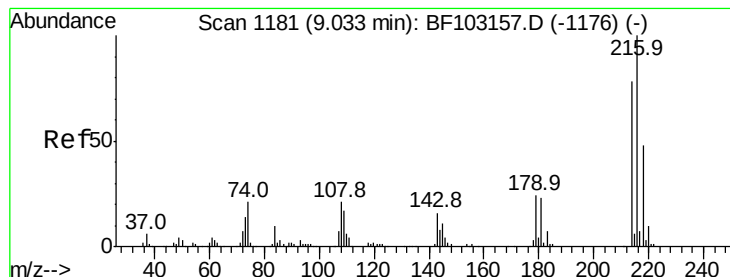


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.879 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 308437

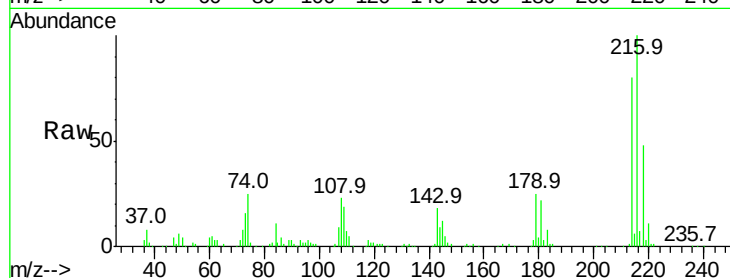
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 23.8 18.1 27.1

108 24.1 17.2 25.8

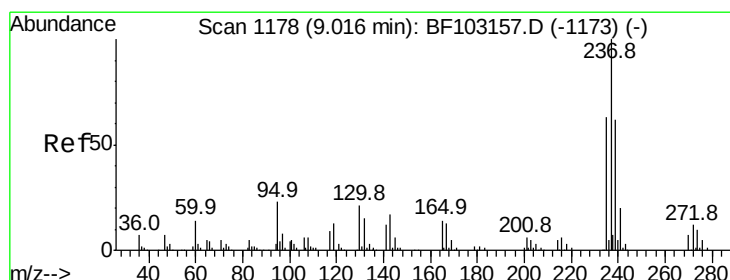
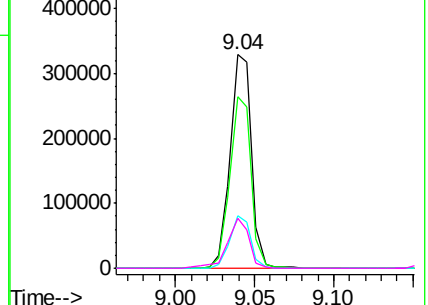
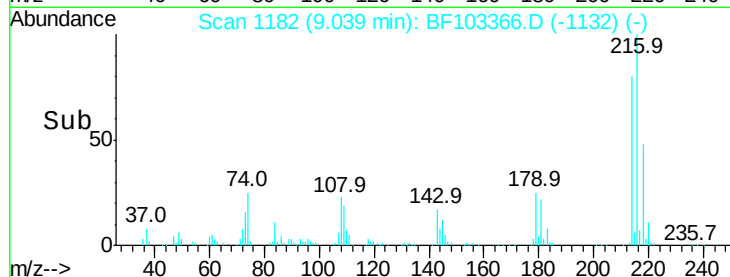


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.137 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

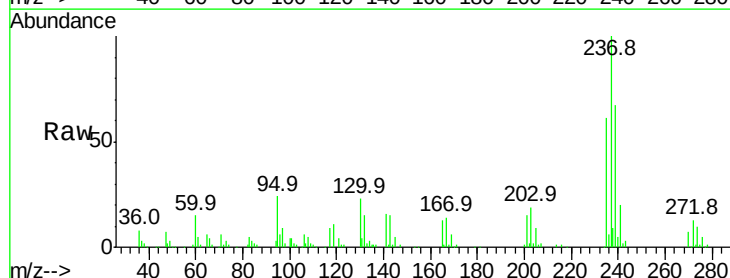
Tgt Ion:237 Resp: 97013

Ion Ratio Lower Upper

237 100

235 61.5 44.8 84.8

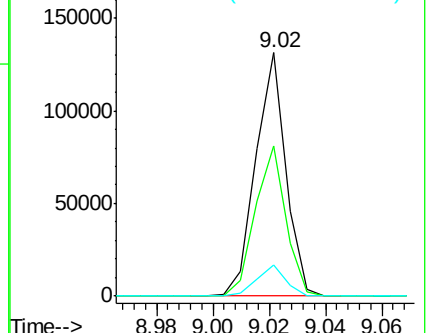
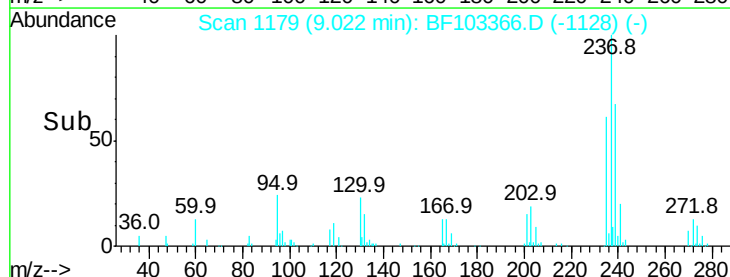
272 12.8 0.0 33.3

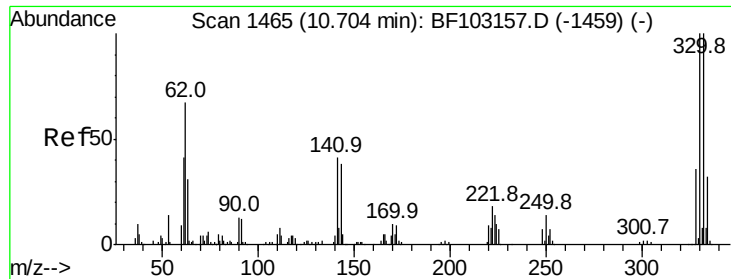


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

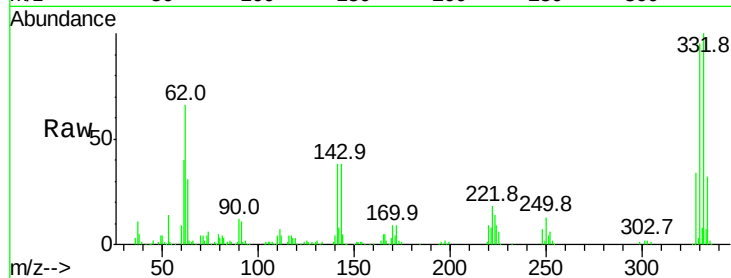




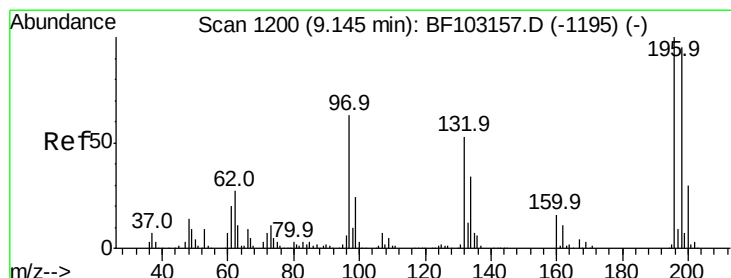
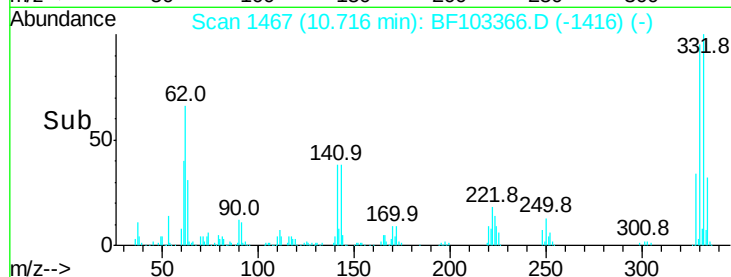
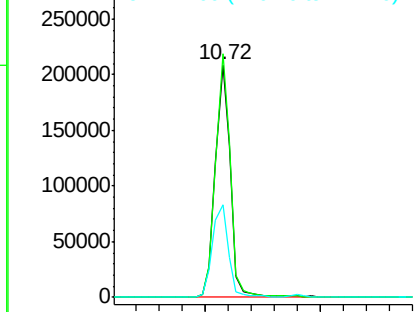
#41
 2,4,6-Tribromophenol
 Concen: 73.060 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 189190
 Ion Ratio Lower Upper
 330 100
 332 102.9 77.0 115.6
 141 42.8 29.9 44.9

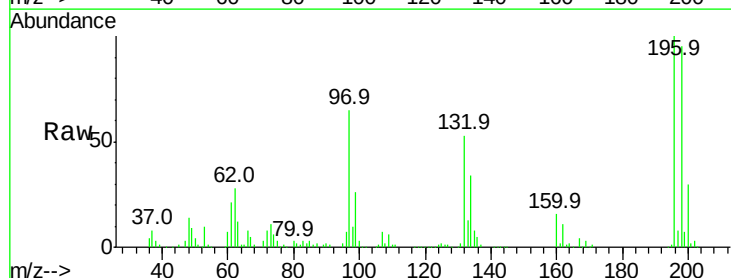


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

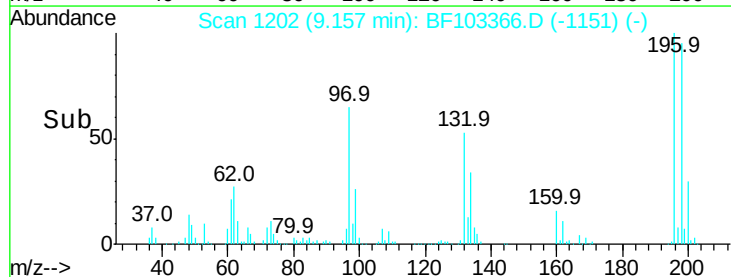
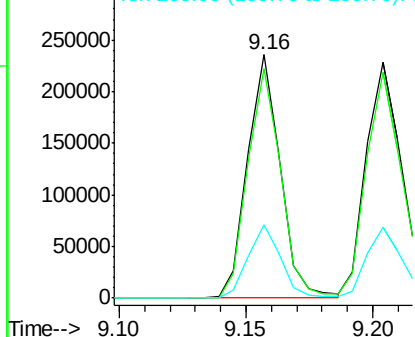


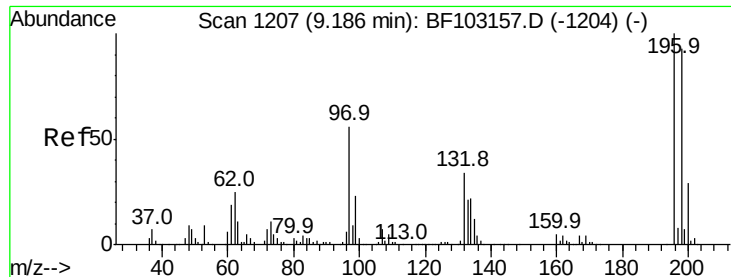
#42
 2,4,6-Trichlorophenol
 Concen: 37.610 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:196 Resp: 211653
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 30.4 24.5 36.7



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

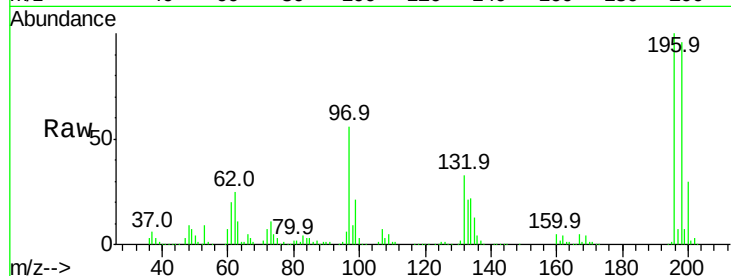




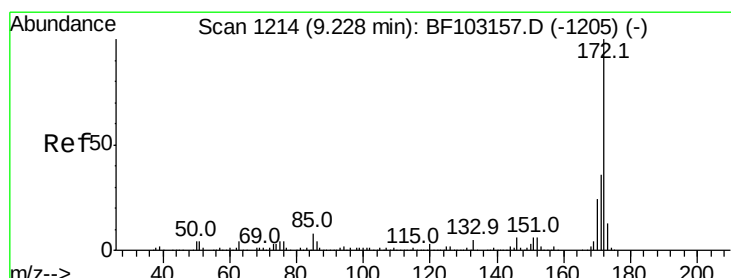
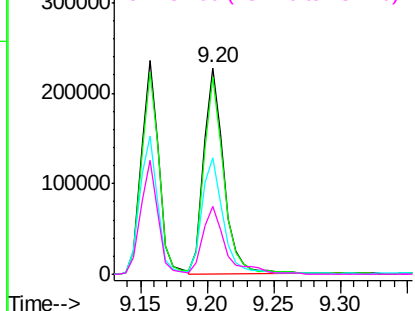
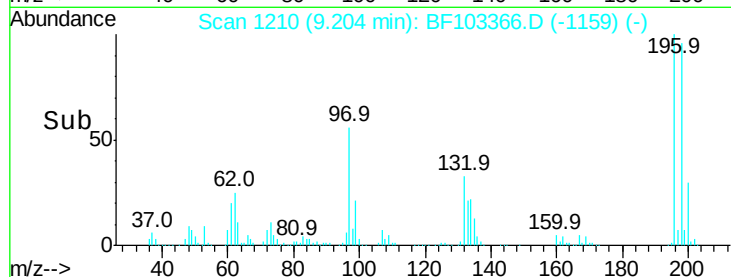
#43
 2,4,5-Trichlorophenol
 Concen: 36.869 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 238632
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 56.1 42.9 64.3
 132 32.8 26.3 39.5

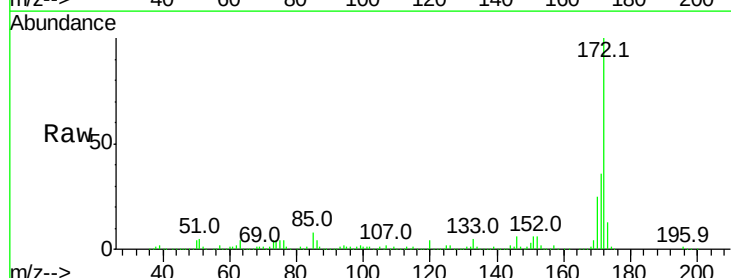


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

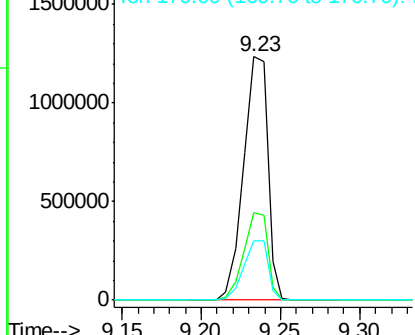
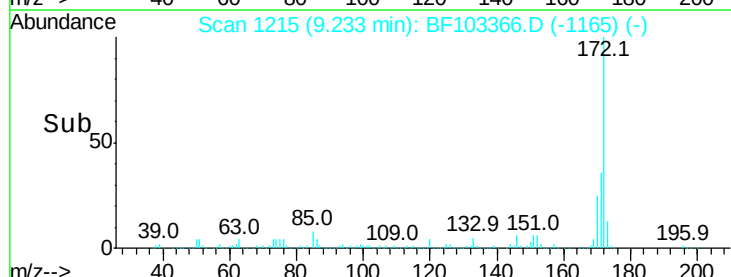


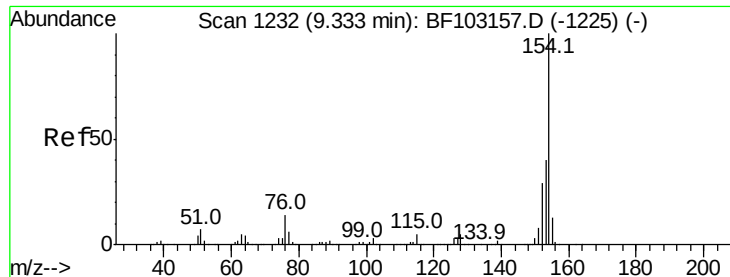
#44
 2-Fluorobiphenyl
 Concen: 71.159 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:172 Resp: 1314204
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.6 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.378 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

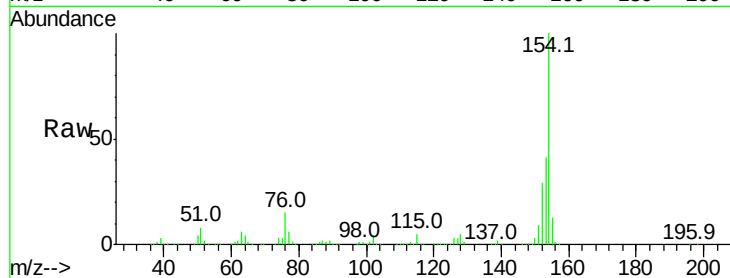
Tot Ion:154 Resp: 932545

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

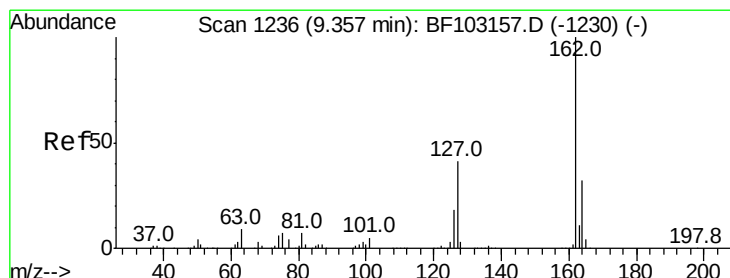
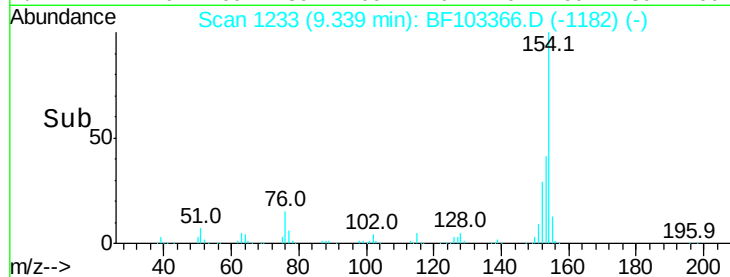
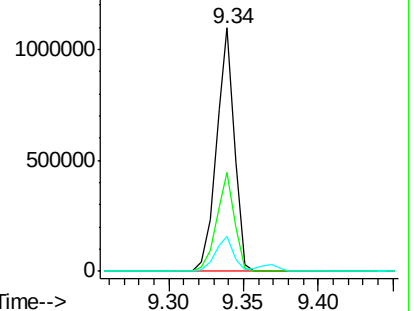
76 14.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.323 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

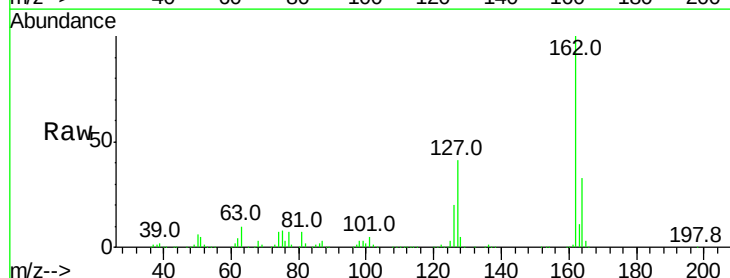
Tgt Ion:162 Resp: 756944

Ion Ratio Lower Upper

162 100

127 41.3 33.9 50.9

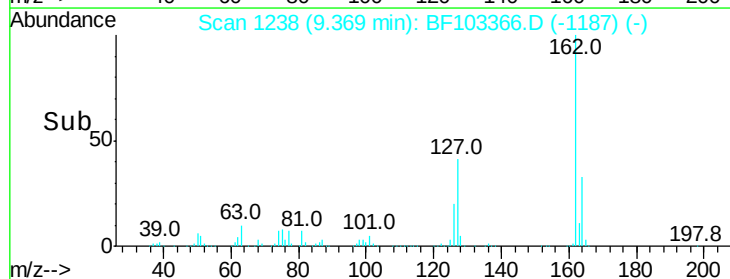
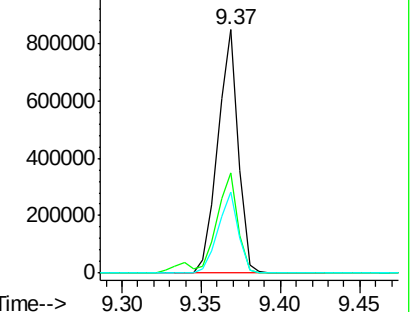
164 33.1 26.5 39.7

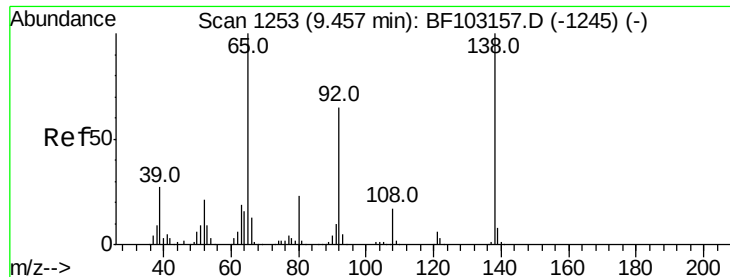


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.236 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

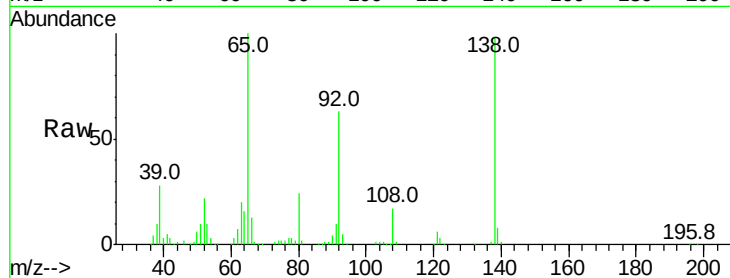
Tot Ion: 65 Resp: 302268

Ion Ratio Lower Upper

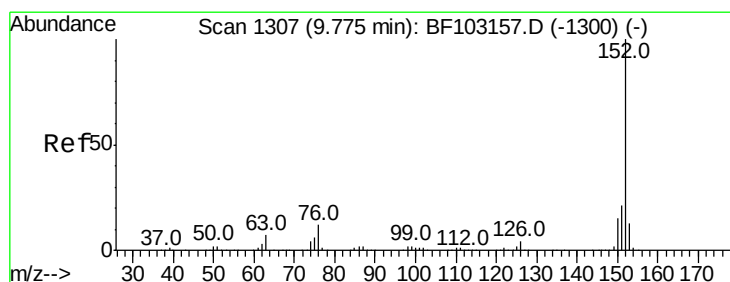
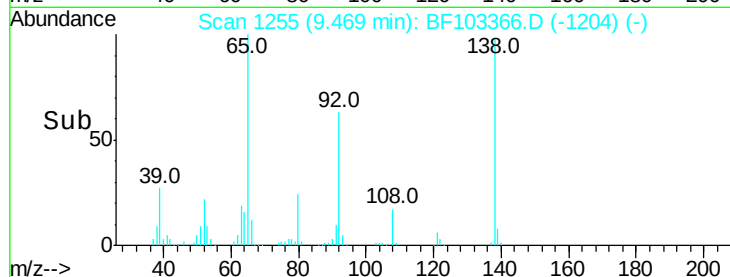
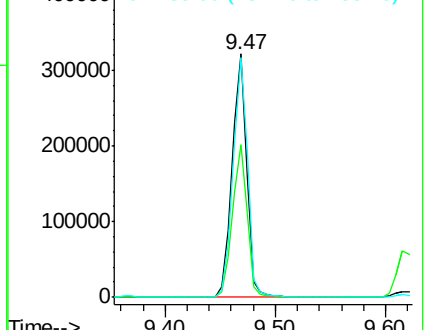
65 100

92 62.6 55.8 83.6

138 98.3 91.2 136.8



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



#48

Acenaphthylene

Concen: 36.097 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

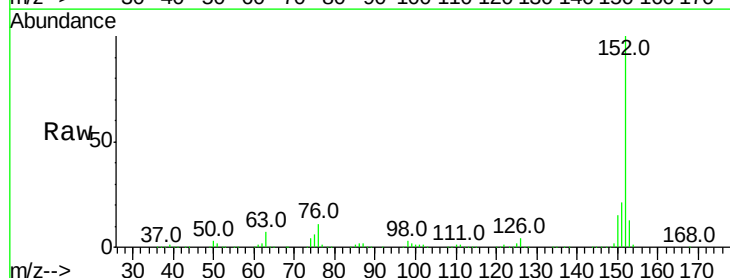
Tgt Ion: 152 Resp: 1126391

Ion Ratio Lower Upper

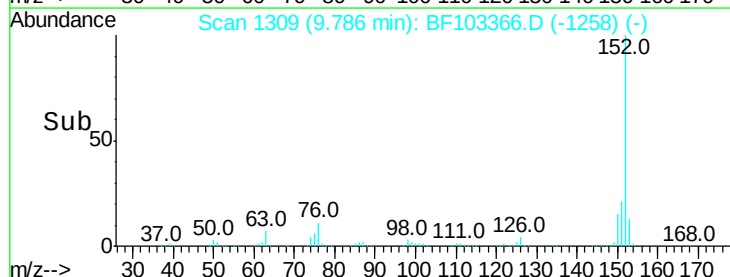
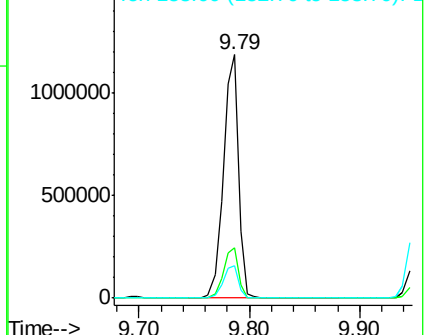
152 100

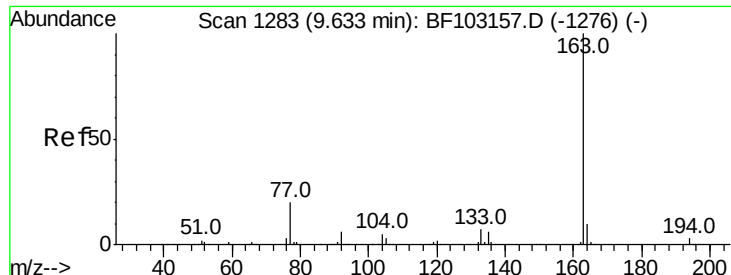
151 20.7 16.3 24.5

153 13.2 10.7 16.1



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

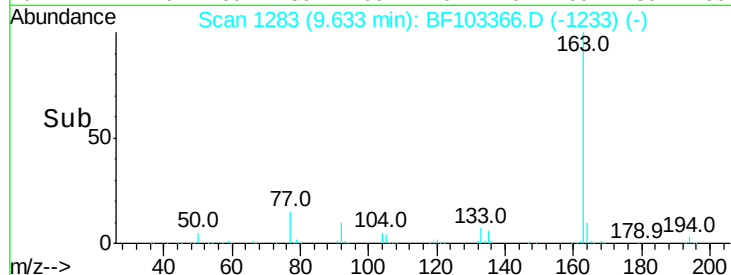
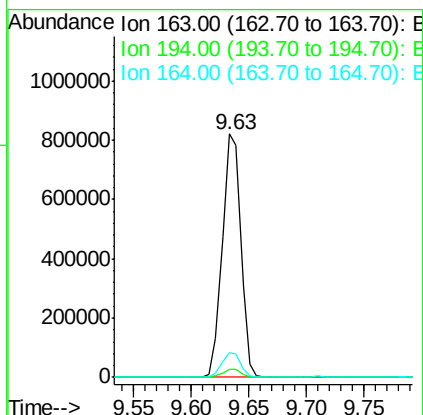
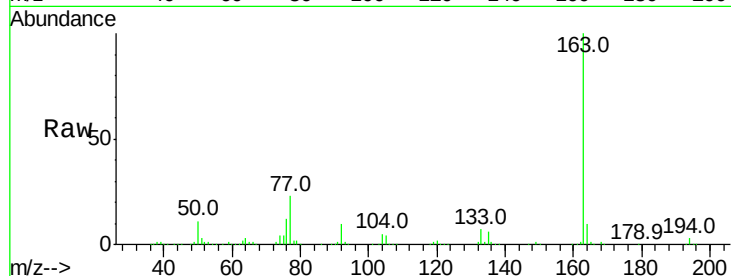




#49
Dimethylphthalate
Concen: 37.226 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

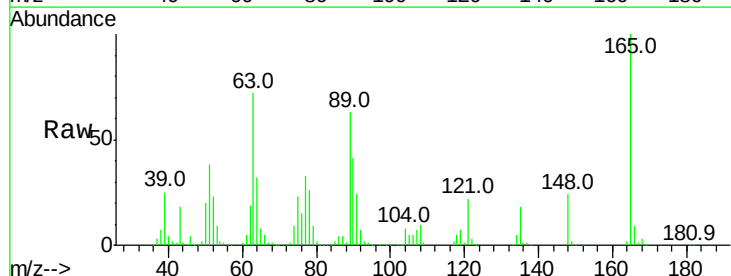
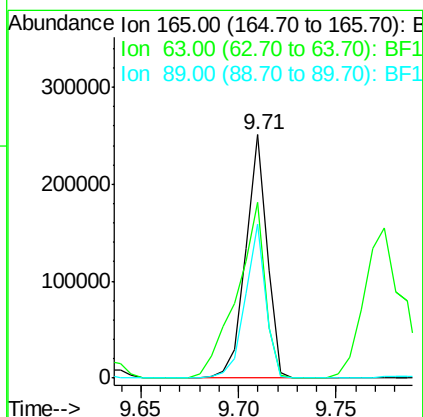
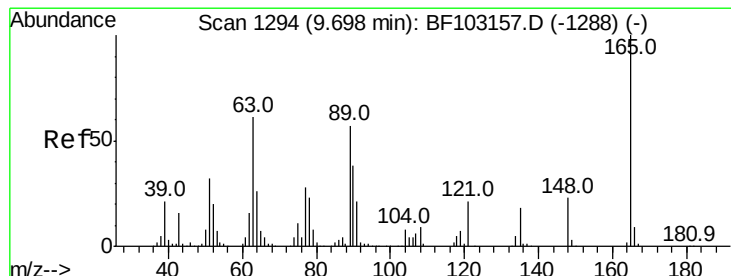
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

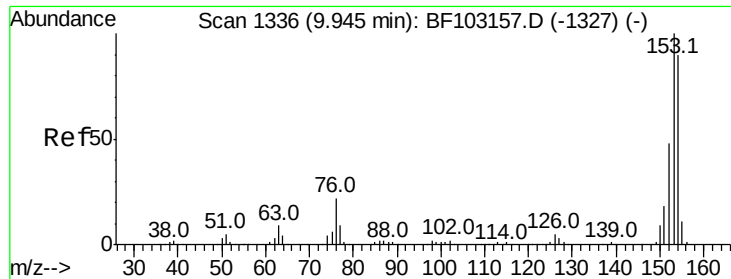
Tot Ion:163 Resp: 913596
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 37.135 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion:165 Resp: 191253
Ion Ratio Lower Upper
165 100
63 72.0 44.7 67.1#
89 63.0 44.0 66.0





#51

Acenaphthene

Concen: 36.490 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

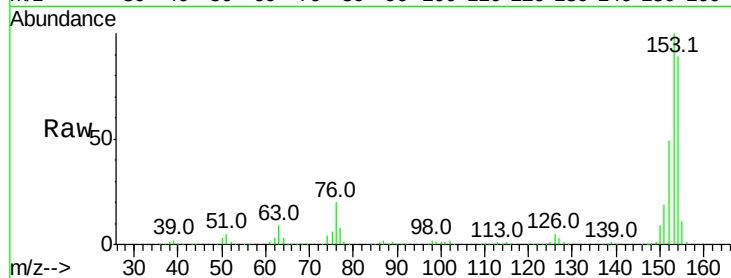
Tot Ion:154 Resp: 663950

Ion Ratio Lower Upper

154 100

153 112.0 91.2 136.8

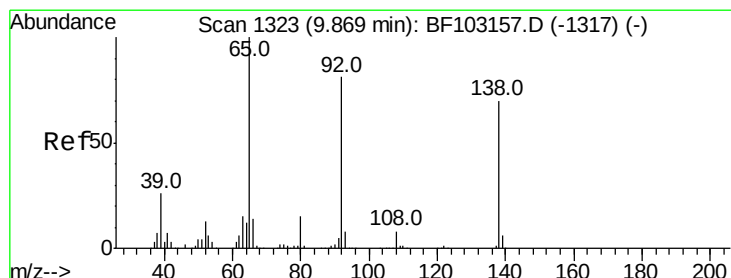
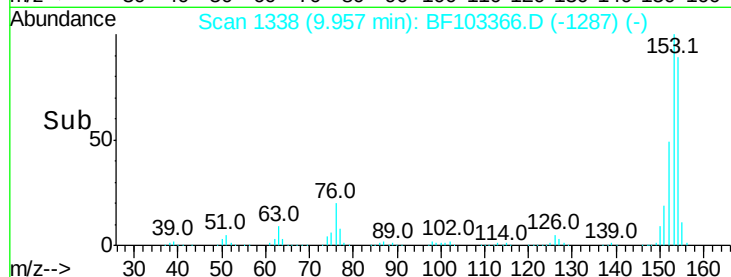
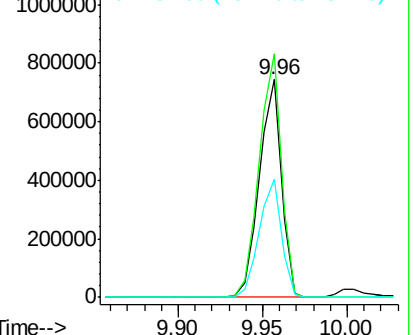
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.928 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

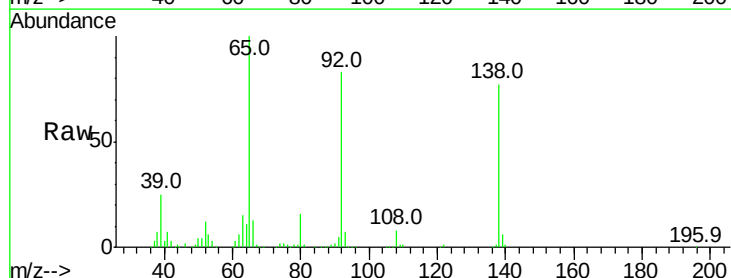
Tgt Ion:138 Resp: 254362

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

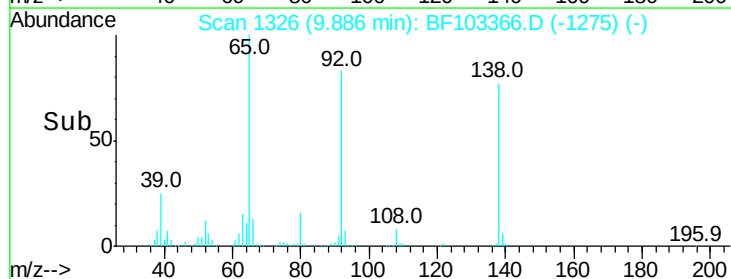
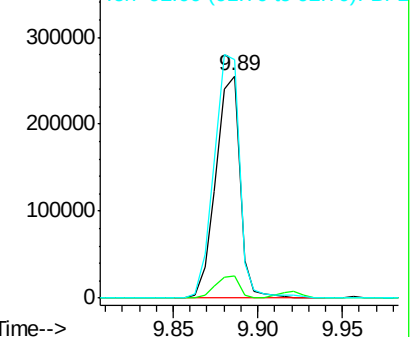
92 107.4 89.4 134.2

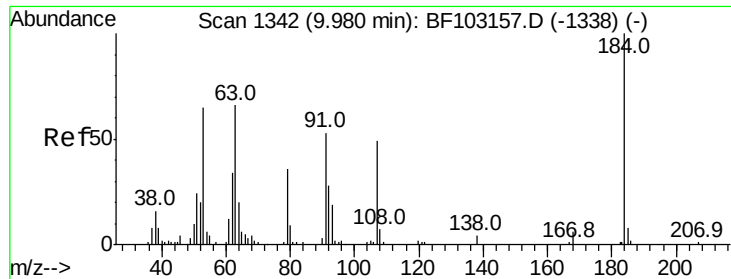


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

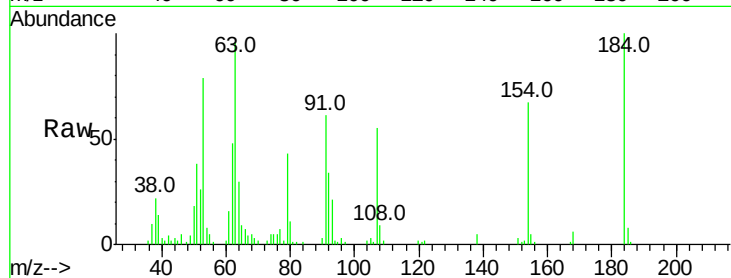




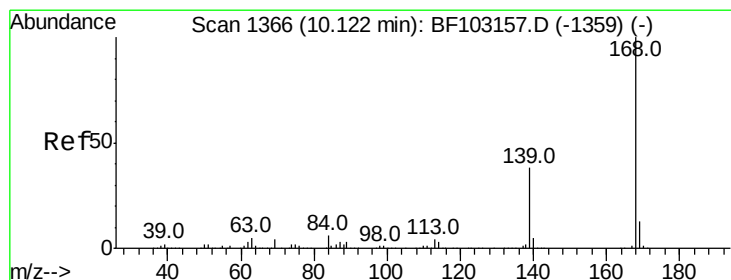
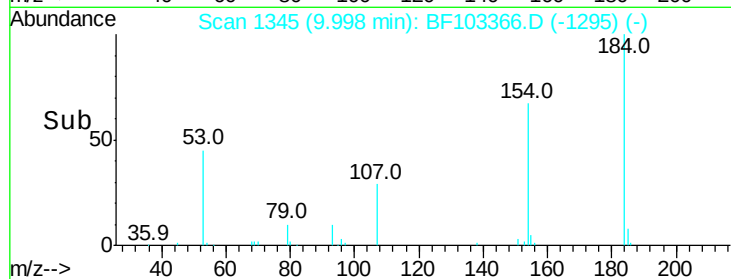
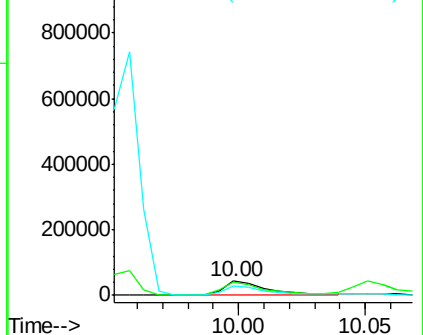
#53
 2,4-Dinitrophenol
 Concen: 35.379 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:184 Resp: 54468
 Ion Ratio Lower Upper
 184 100
 63 95.8 54.2 81.2#
 154 66.9 184.0 276.0#

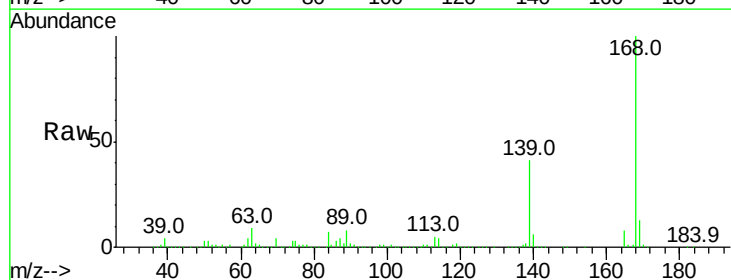


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

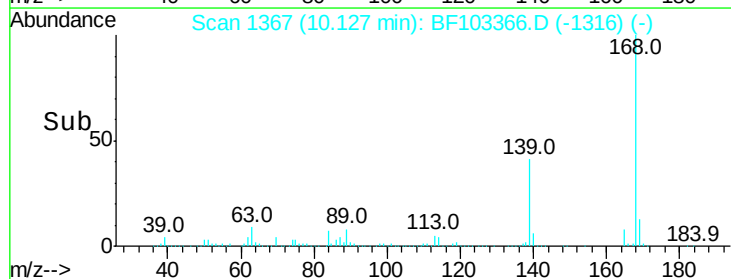
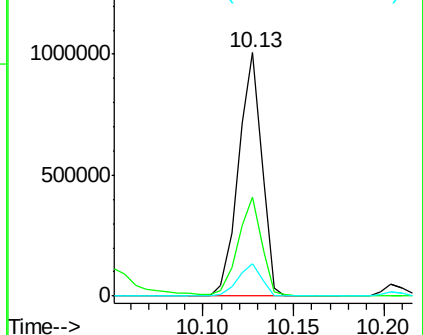


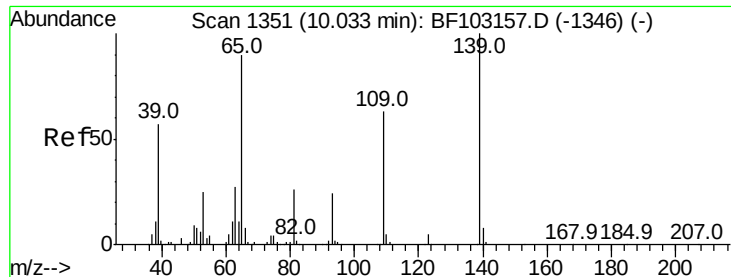
#54
 Dibenzofuran
 Concen: 36.054 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:168 Resp: 900545
 Ion Ratio Lower Upper
 168 100
 139 40.9 30.1 45.1
 169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

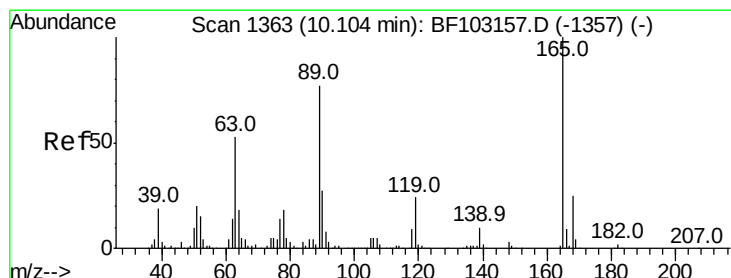
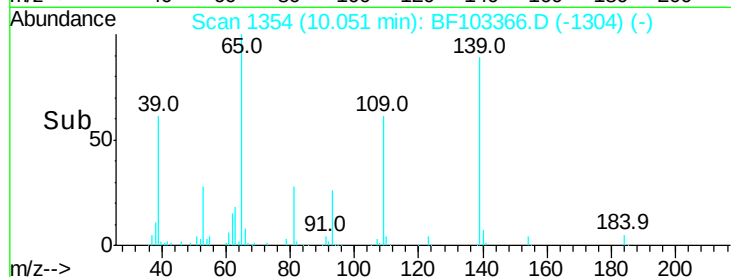
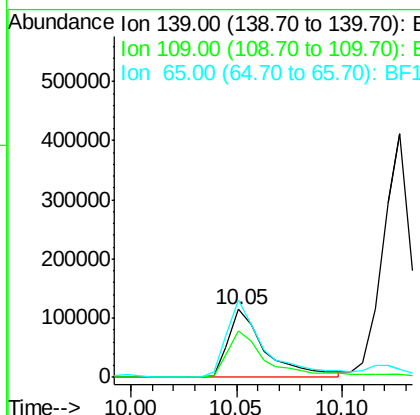
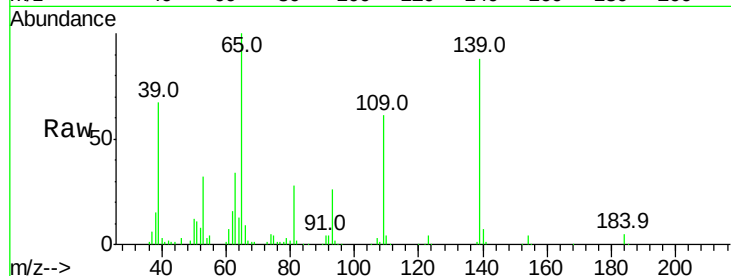




#55
4-Nitrophenol
Concen: 34.900 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

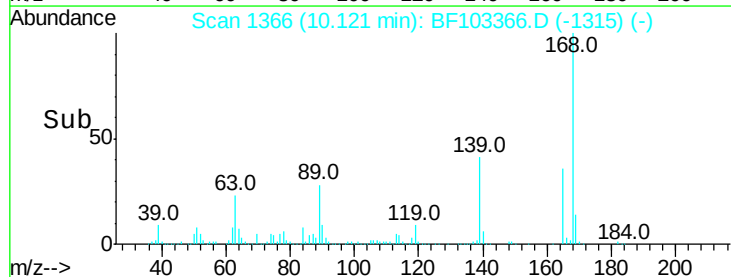
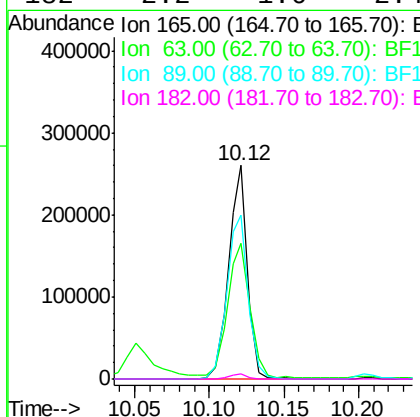
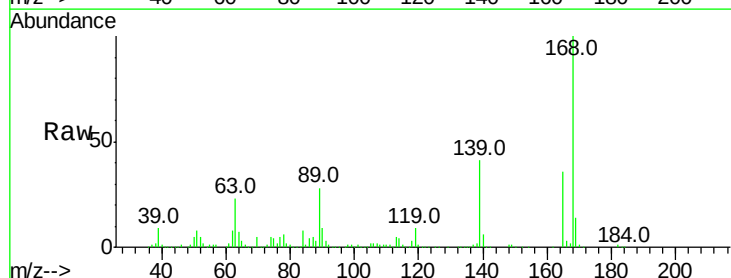
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

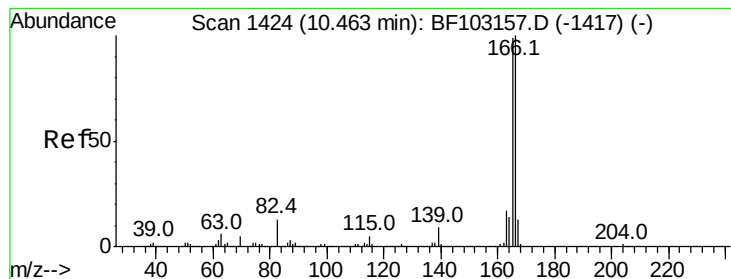
Tot Ion:139 Resp: 141337
Ion Ratio Lower Upper
139 100
109 68.7 48.4 88.4
65 113.2 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 35.555 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion:165 Resp: 231595
Ion Ratio Lower Upper
165 100
63 63.7 36.4 54.6#
89 76.5 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 35.923 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

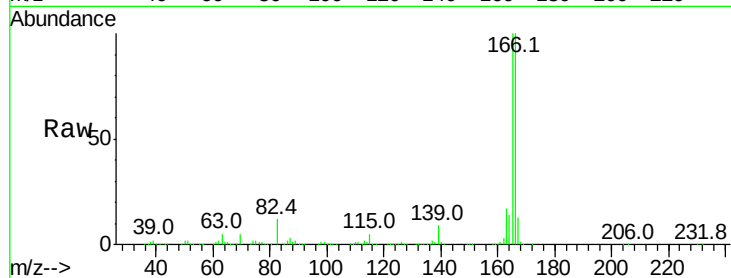
Tot Ion:166 Resp: 764360

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

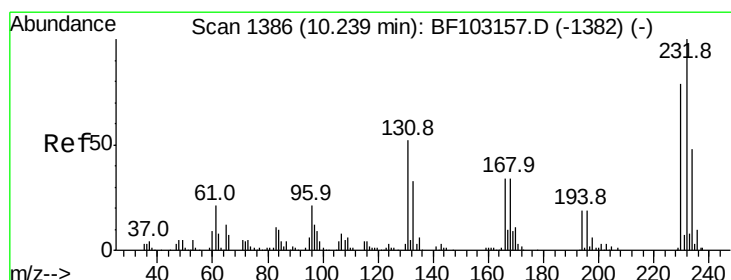
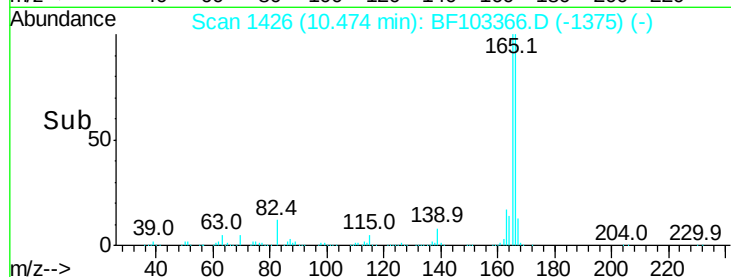
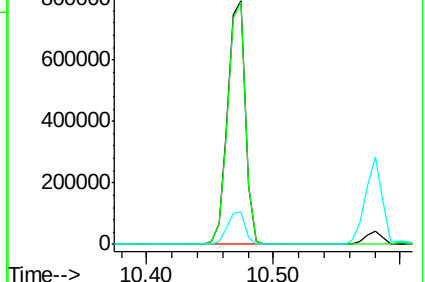
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.016 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Tgt Ion:232 Resp: 156600

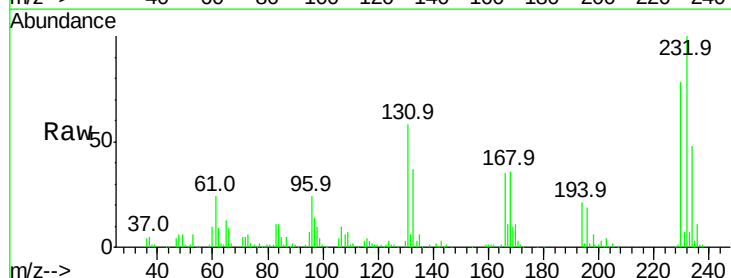
Ion Ratio Lower Upper

232 100

131 62.7 43.8 65.8

130 2.9 2.1 3.1

166 37.1 27.8 41.6

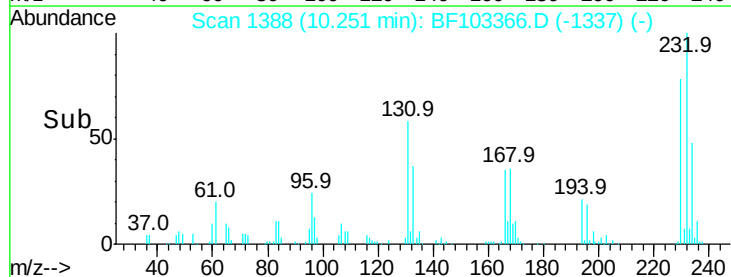
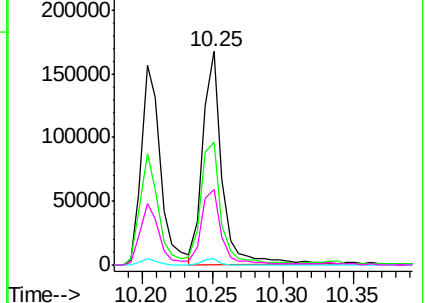


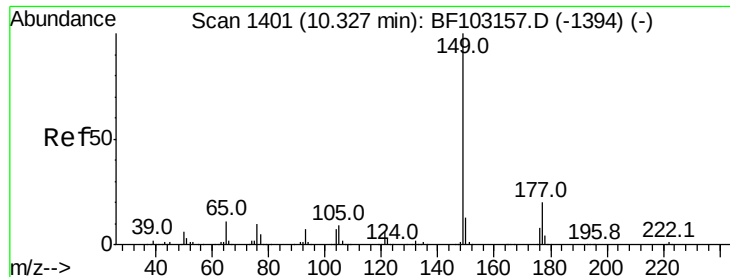
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

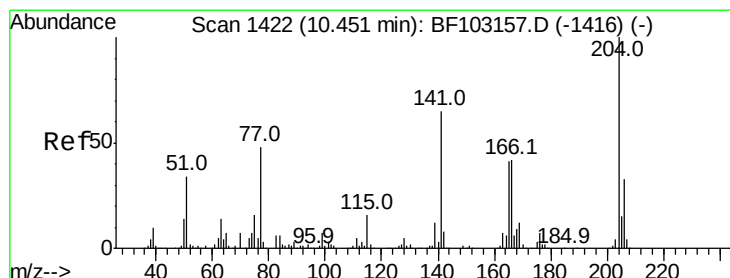
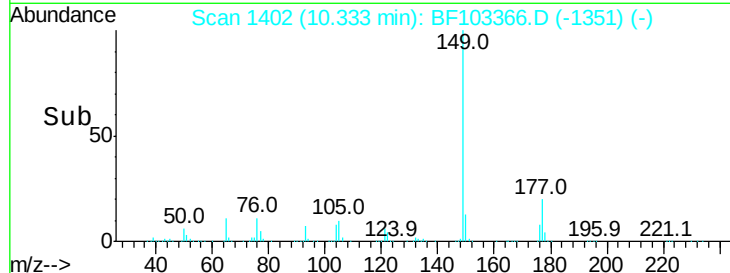
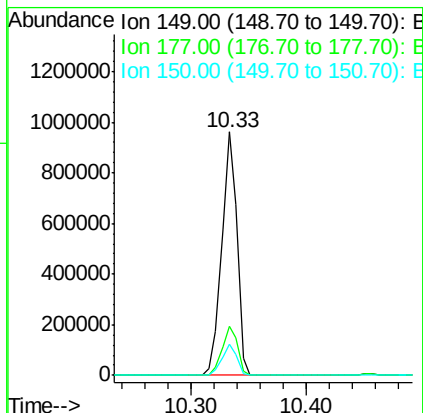
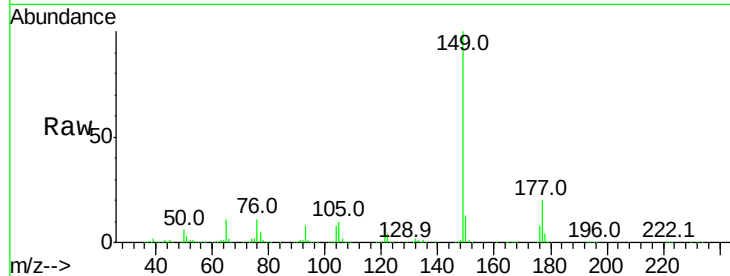




#59
Diethylphthalate
Concen: 37.505 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

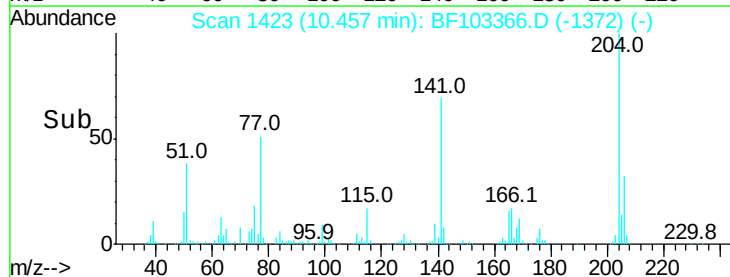
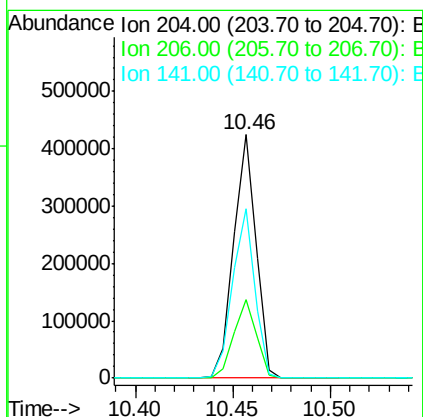
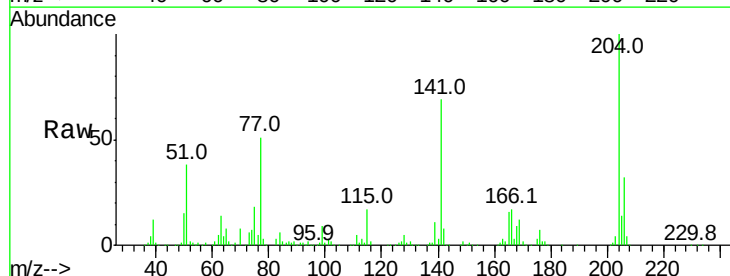
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

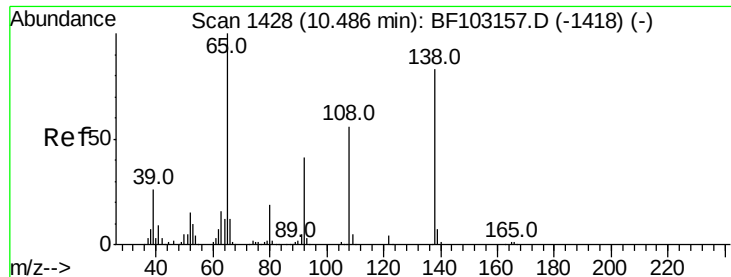
Tot Ion:149 Resp: 880337
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.523 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion:204 Resp: 338575
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 69.5 54.6 81.8





#61

4-Nitroaniline

Concen: 38.741 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

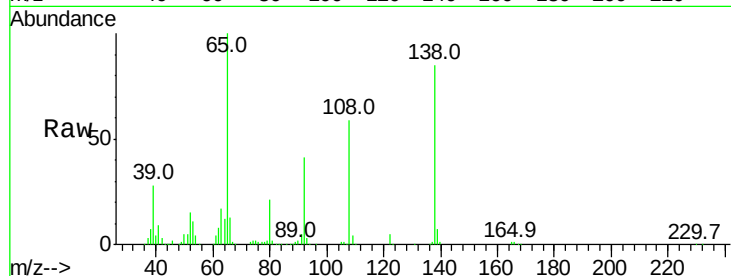
Tot Ion:138 Resp: 252841

Ion Ratio Lower Upper

138 100

92 48.2 30.2 70.2

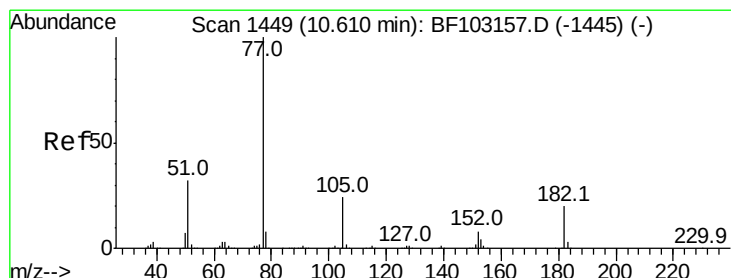
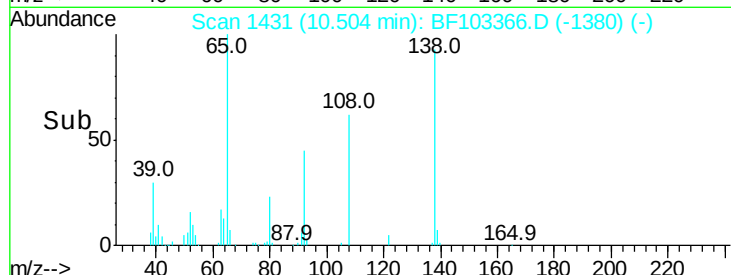
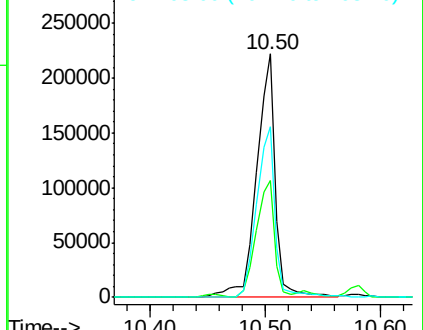
108 70.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.876 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Tgt Ion: 77 Resp: 928830

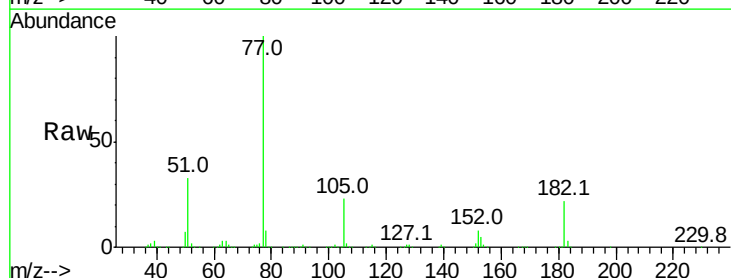
Ion Ratio Lower Upper

77 100

182 21.5 1.7 41.7

105 23.1 3.0 43.0

51 32.8 9.9 49.9

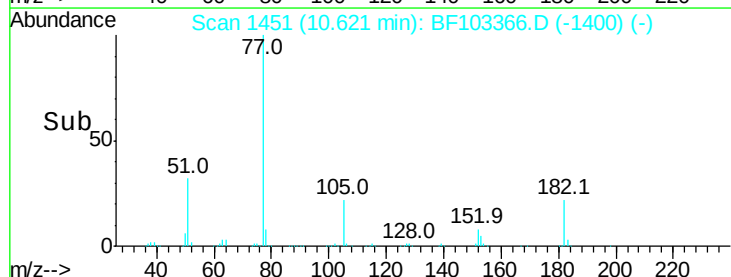
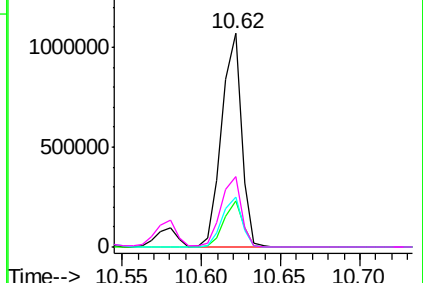


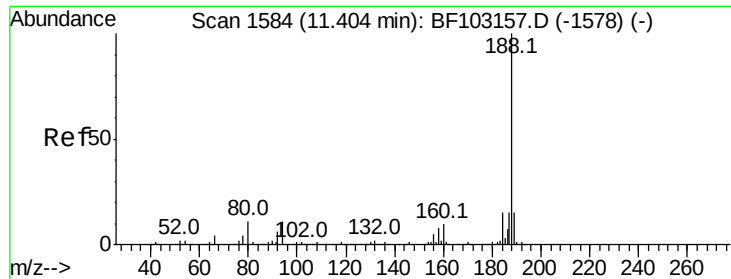
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

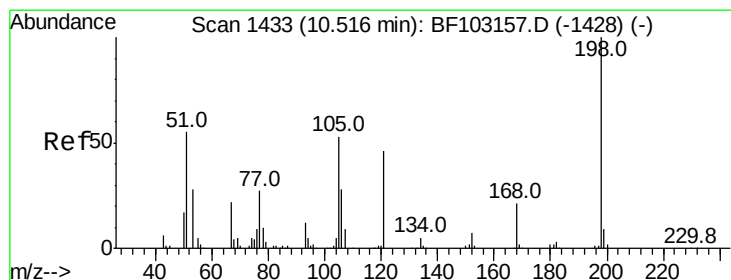
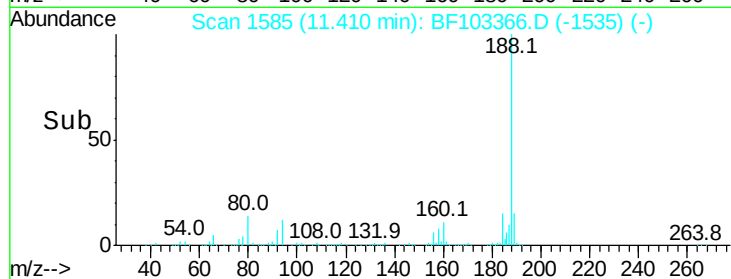
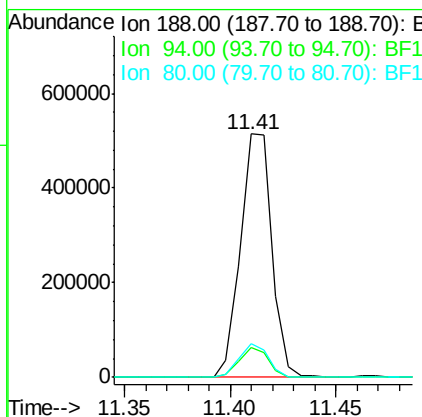
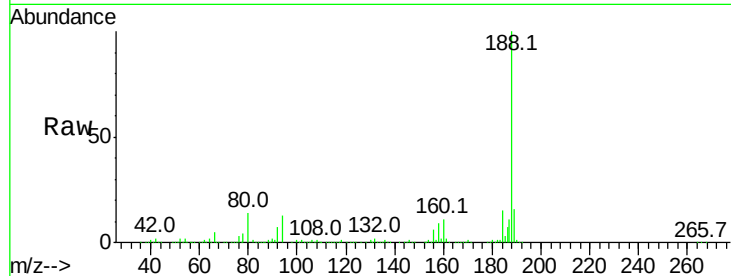




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

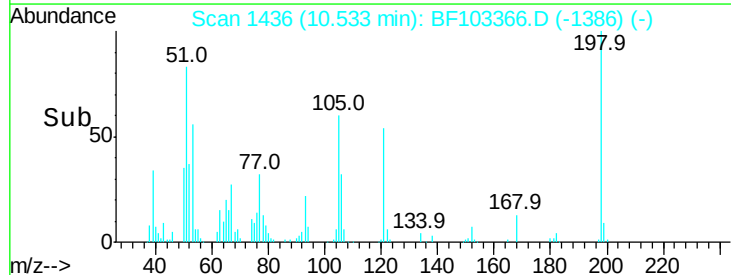
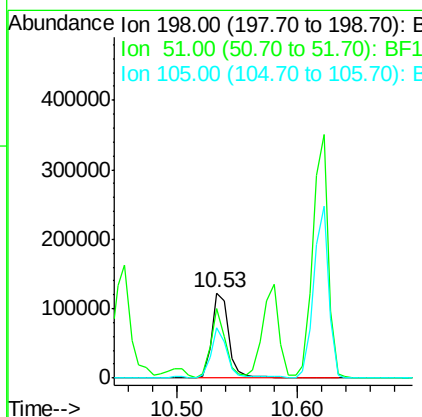
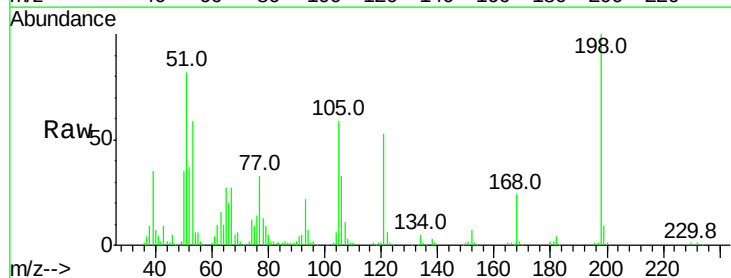
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

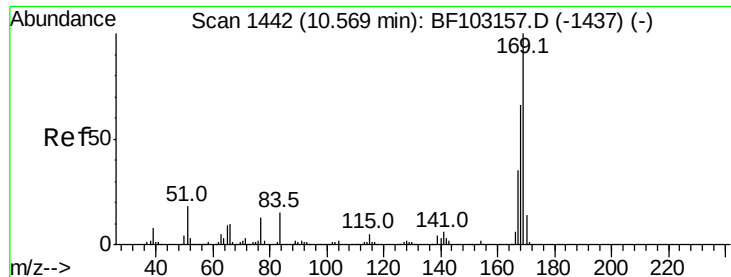
Tot Ion:188 Resp: 529078
Ion Ratio Lower Upper
188 100
94 12.5 8.5 12.7
80 13.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.251 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion:198 Resp: 119534
Ion Ratio Lower Upper
198 100
51 81.9 37.7 77.7#
105 58.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 36.542 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

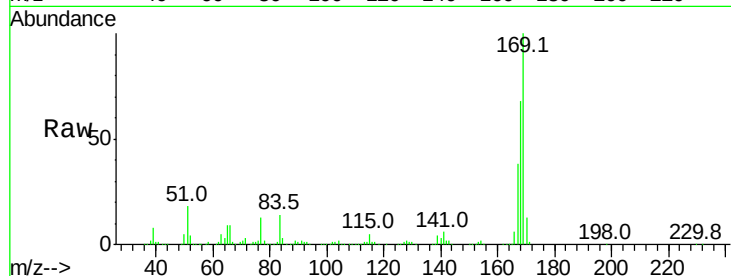
Tot Ion:169 Resp: 673174

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

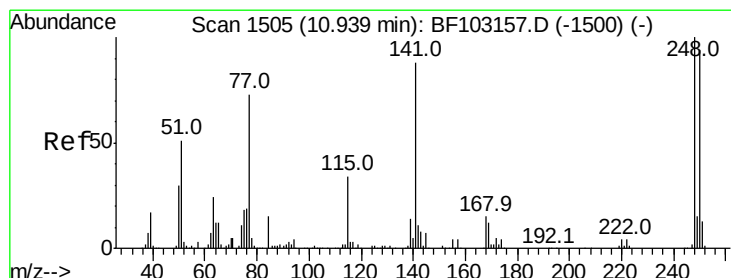
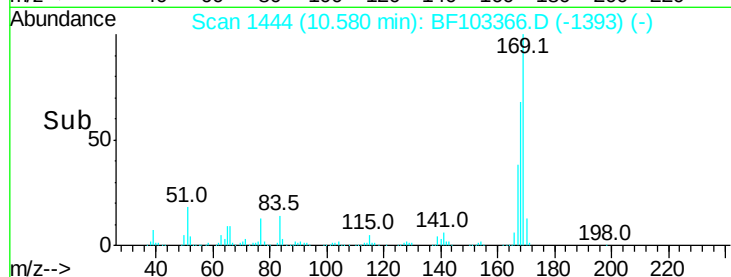
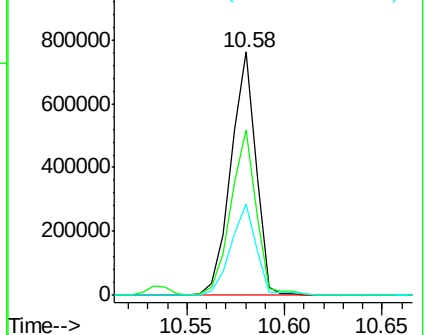
167 37.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.033 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

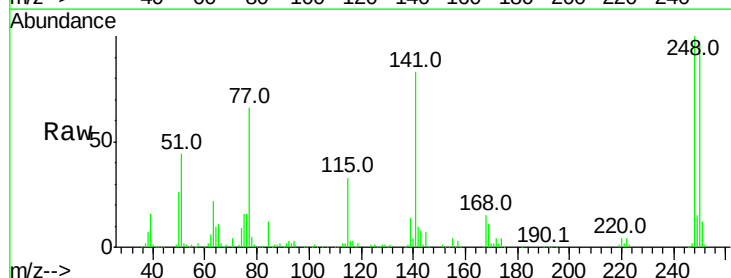
Tgt Ion:248 Resp: 198594

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

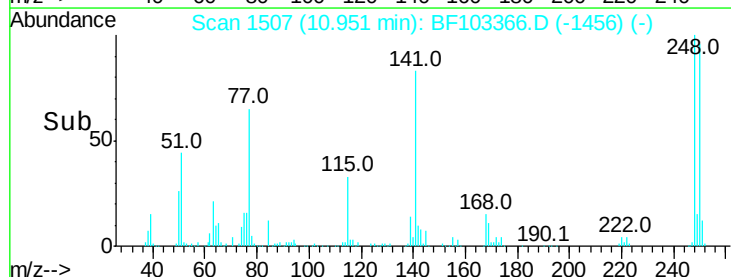
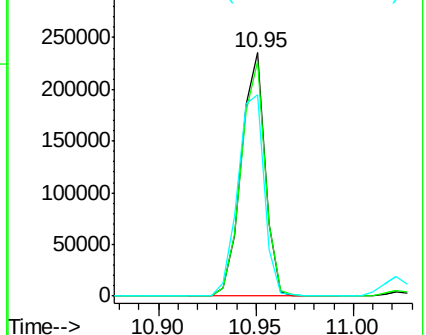
141 82.9 74.4 111.6

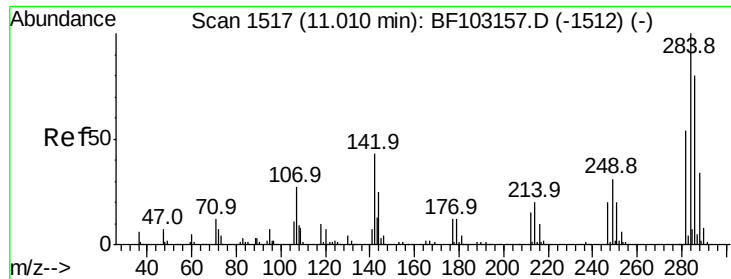


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

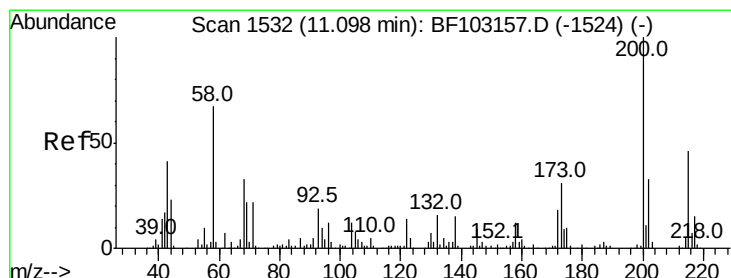
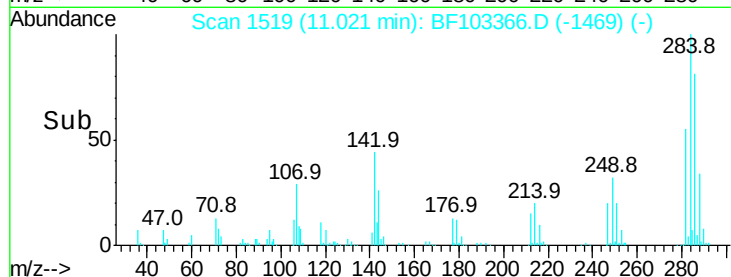
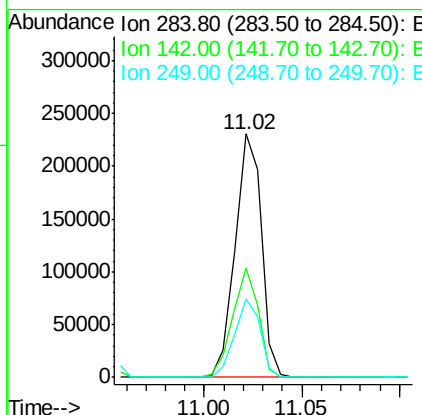
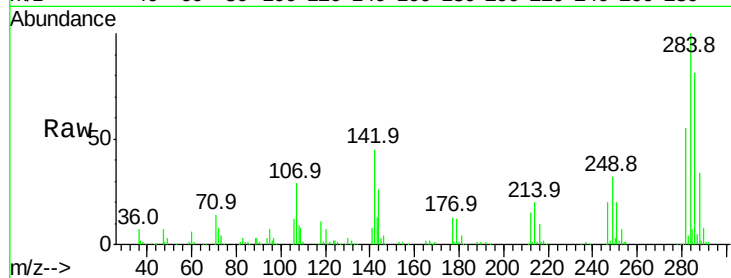




#67
Hexachlorobenzene
Concen: 35.964 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

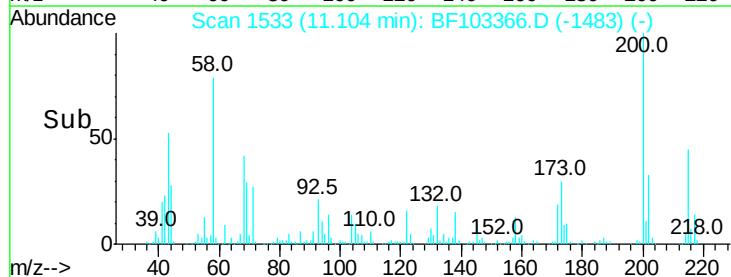
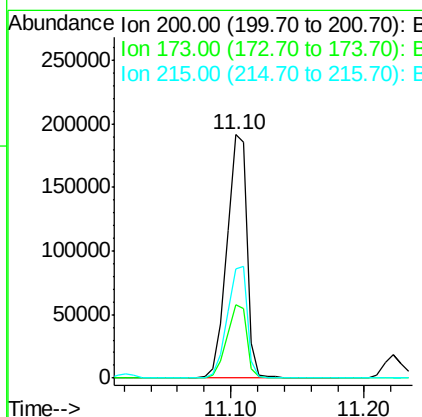
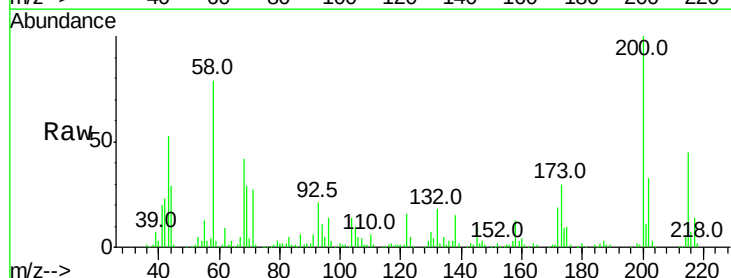
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

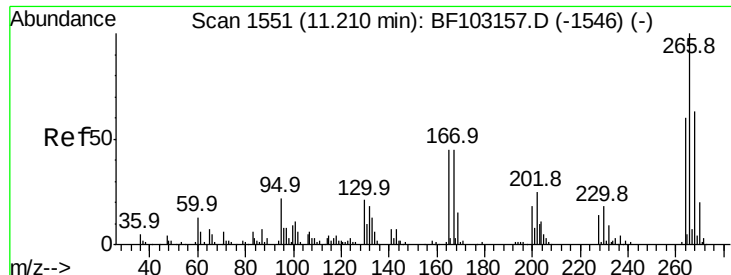
Tot Ion:284 Resp: 215142
Ion Ratio Lower Upper
284 100
142 44.9 34.6 52.0
249 32.2 24.8 37.2



#68
Atrazine
Concen: 36.903 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion:200 Resp: 204331
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 44.9 25.1 65.1

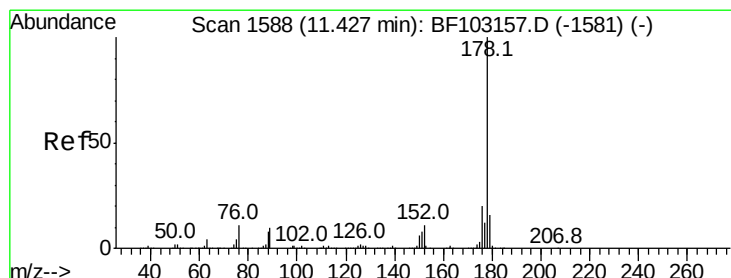
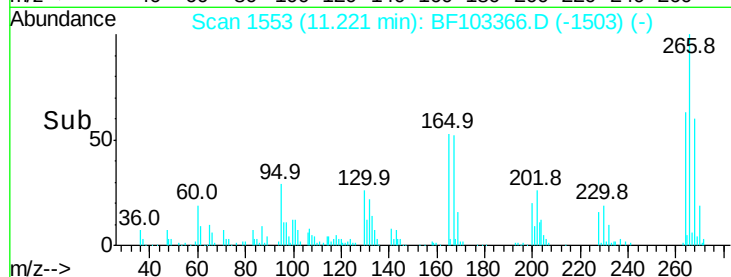
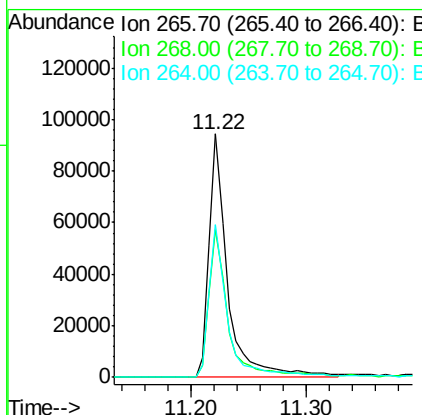
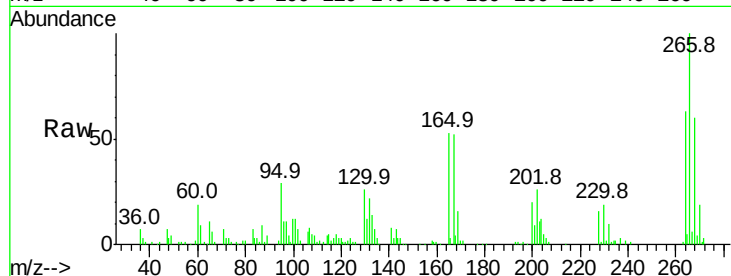




#69
 Pentachlorophenol
 Concen: 36.896 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

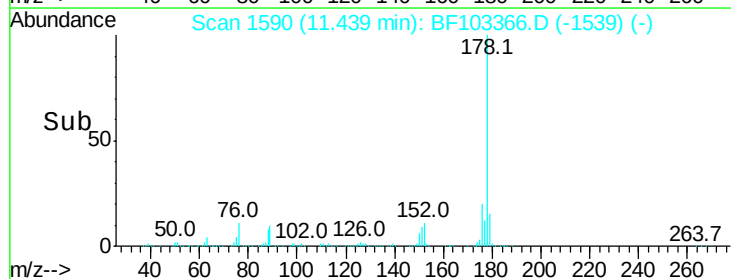
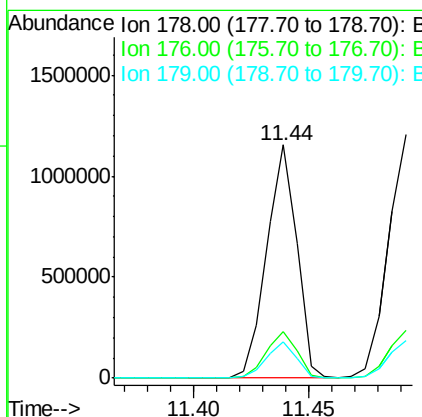
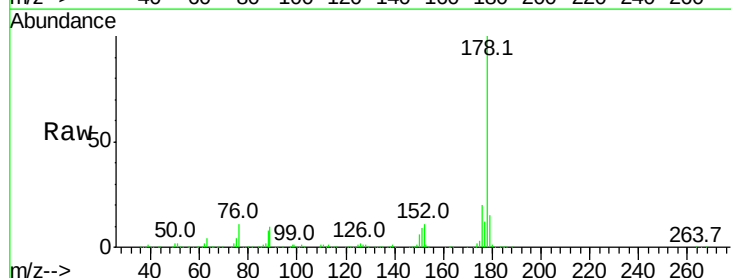
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

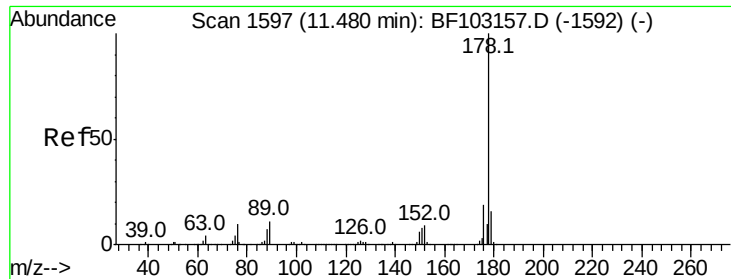
Tot Ion:266 Resp: 106719
 Ion Ratio Lower Upper
 266 100
 268 60.4 51.1 76.7
 264 62.5 49.5 74.3



#70
 Phenanthrene
 Concen: 35.982 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:178 Resp: 1047685
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.4 13.0 19.6

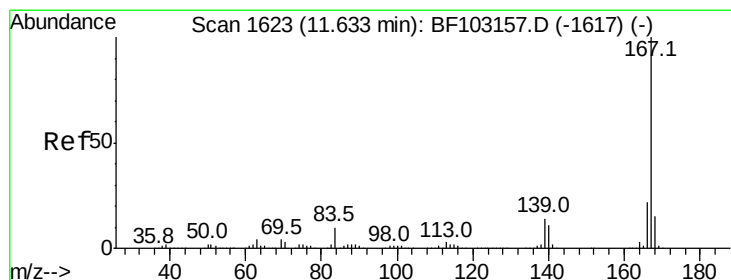
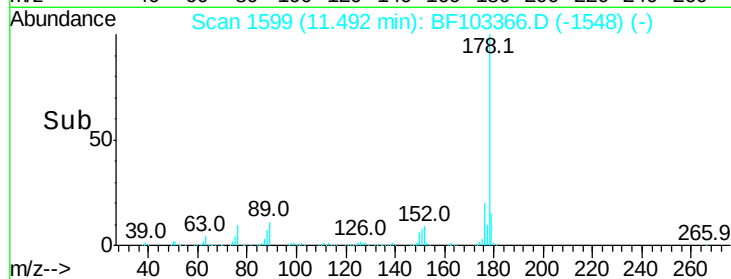
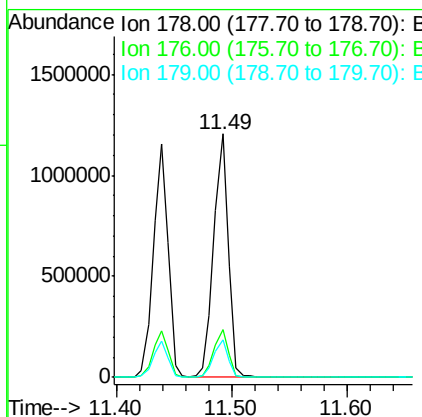
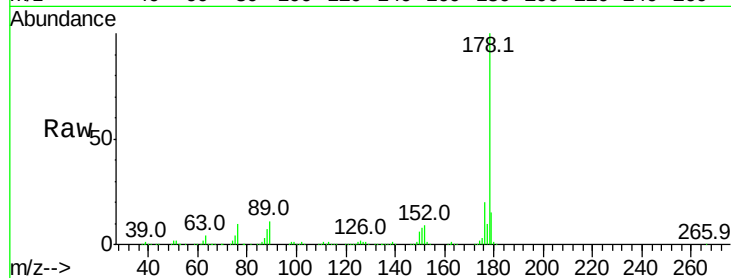




#71
 Anthracene
 Concen: 35.713 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

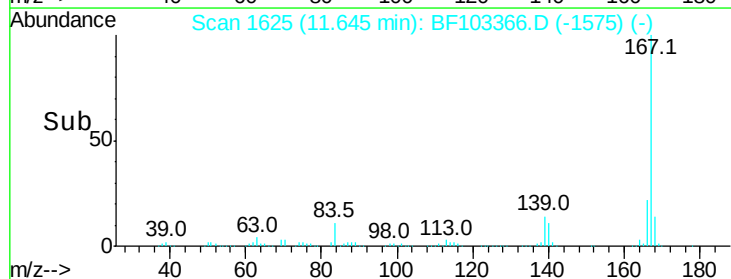
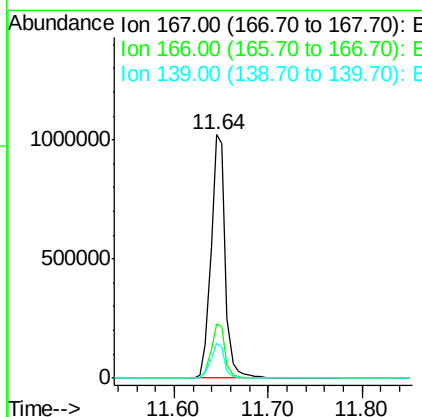
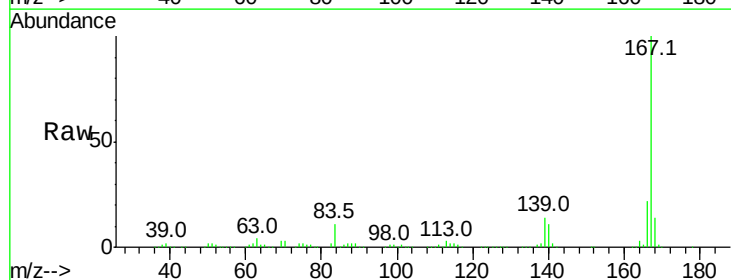
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

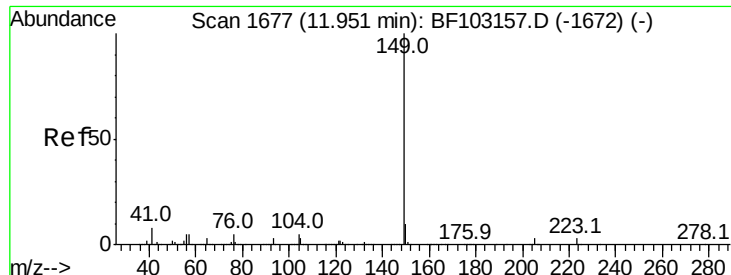
Tot Ion:178 Resp: 1066294
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 37.059 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:167 Resp: 1101878
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.893 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

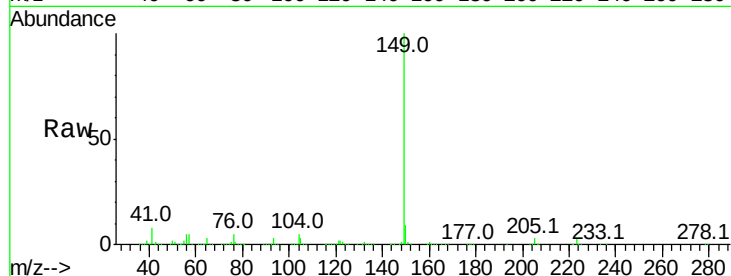
Tot Ion:149 Resp: 1409799

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 5.2 3.8 5.8

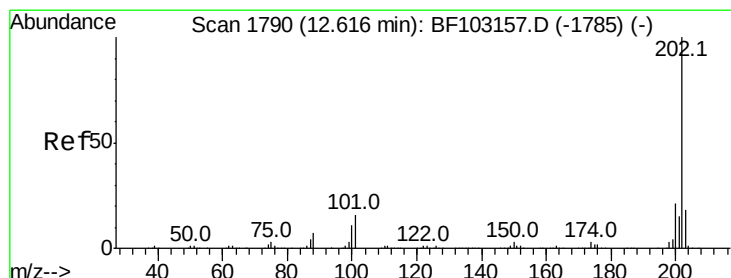
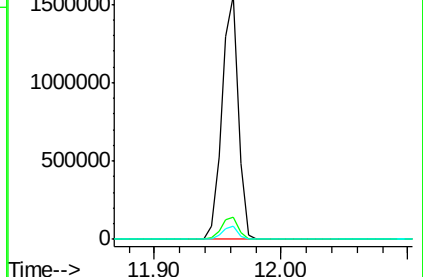
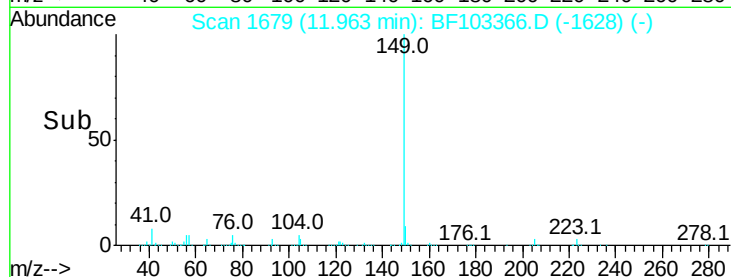


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.96



#74

Fluoranthene

Concen: 35.427 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

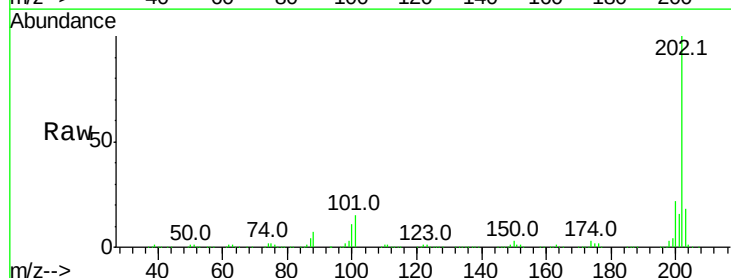
Tgt Ion:202 Resp: 1036553

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

203 18.0 0.0 38.1

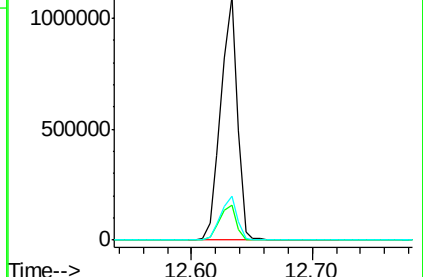
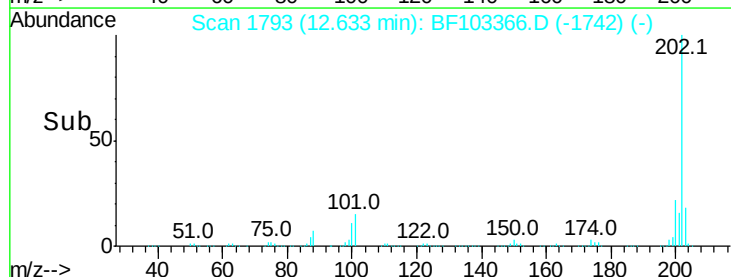


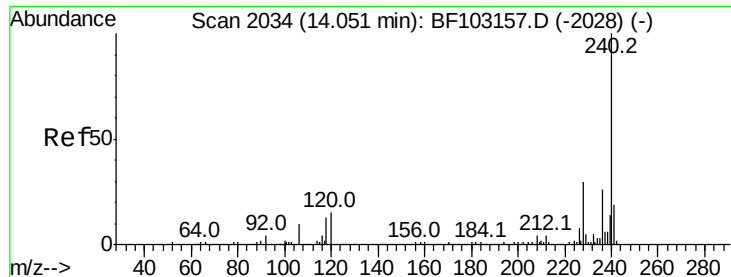
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.63





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

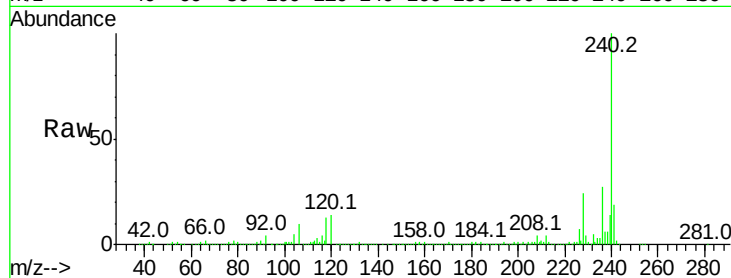
Tot Ion:240 Resp: 357684

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

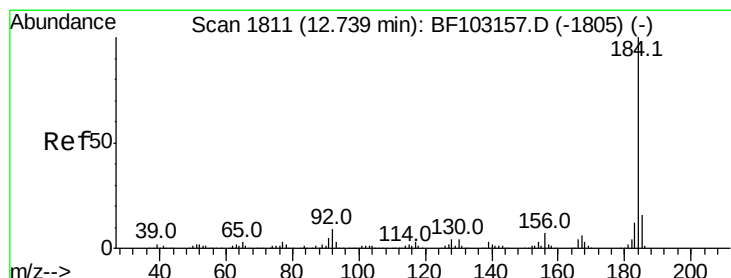
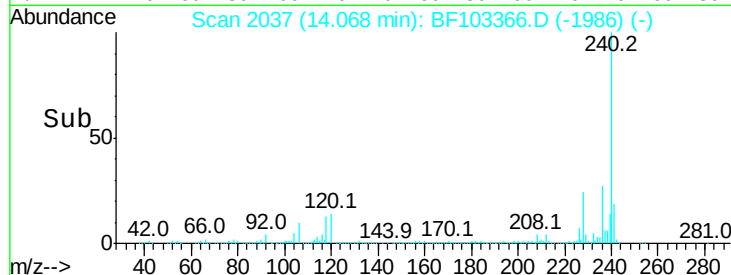
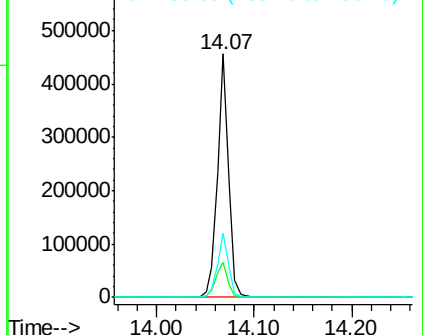
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.423 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

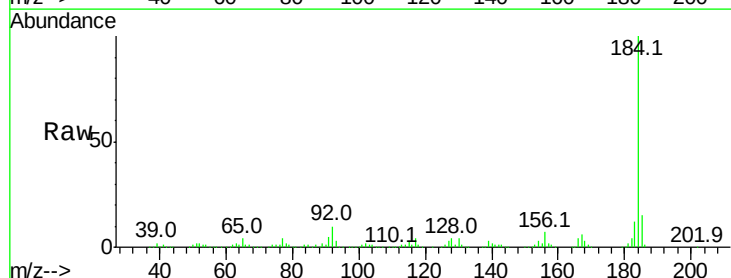
Tgt Ion:184 Resp: 567290

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

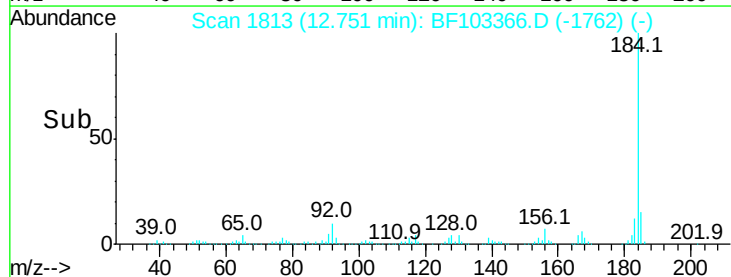
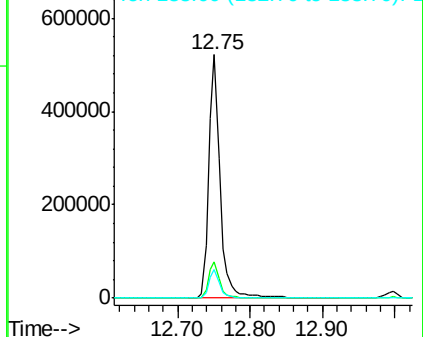
183 11.8 9.3 13.9

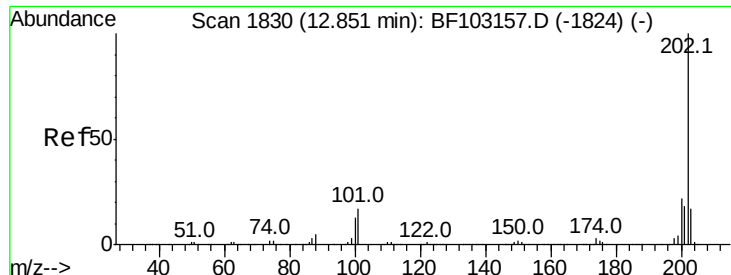


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

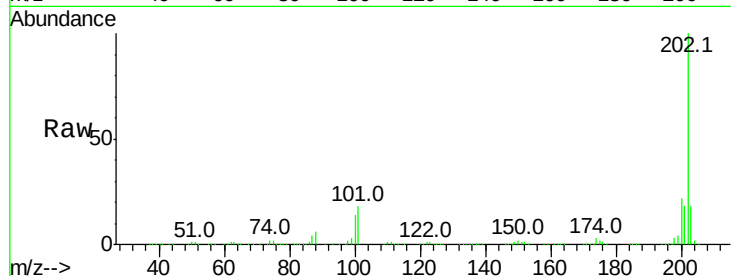




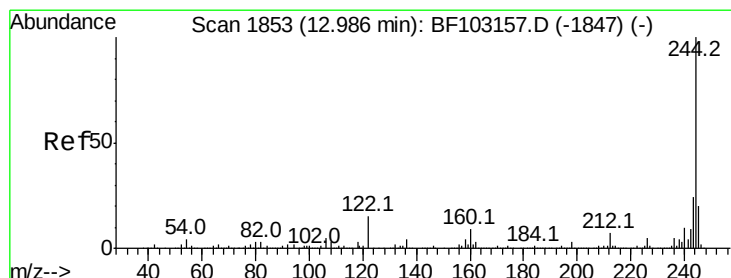
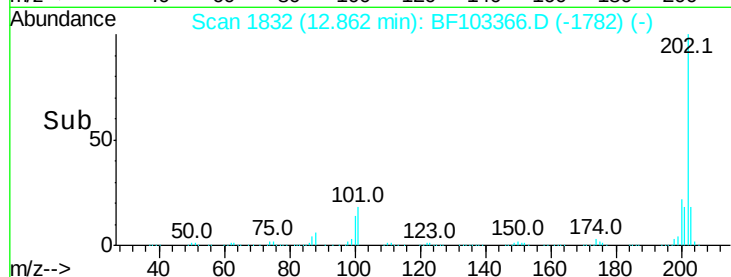
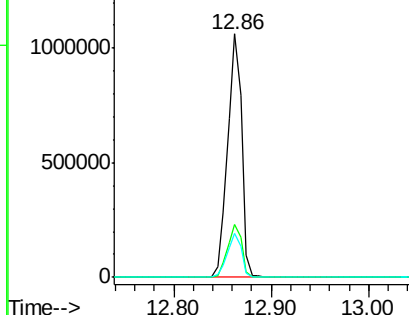
#77
 Pvrene
 Concen: 38.240 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1066403
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 18.0 14.3 21.5

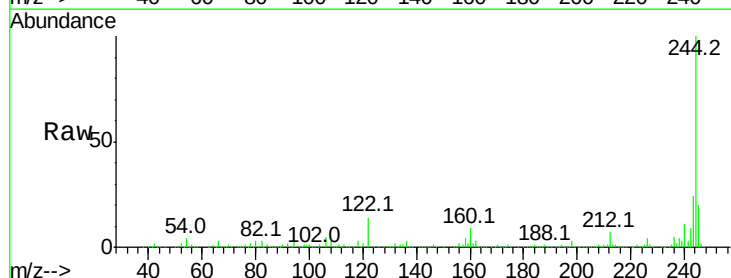


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

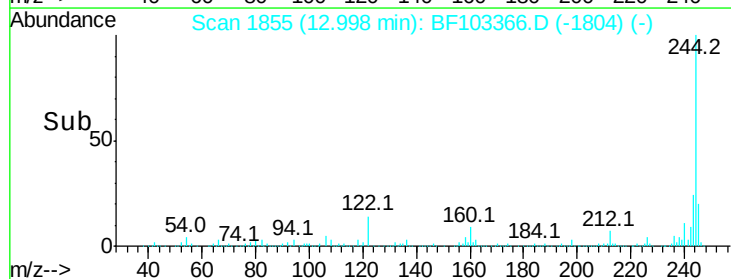
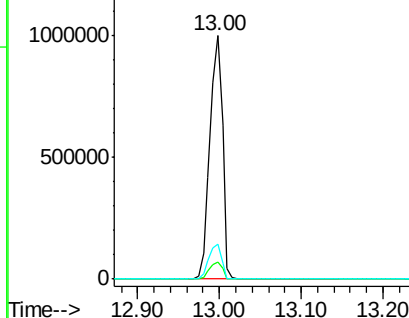


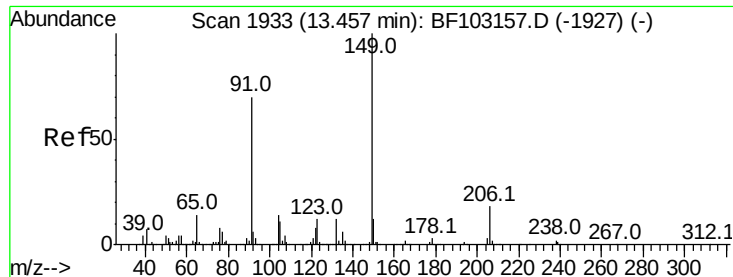
#78
 Terphenyl-d14
 Concen: 72.256 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:244 Resp: 1075141
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

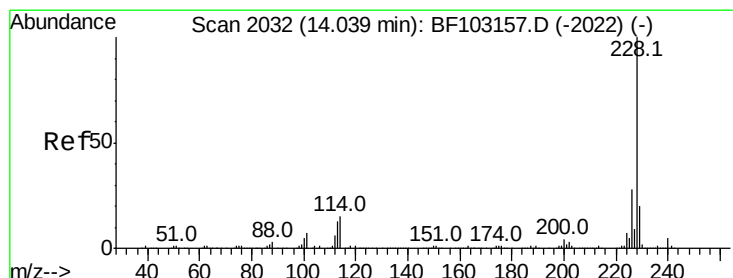
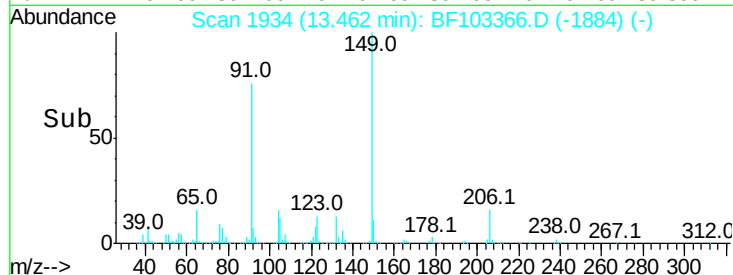
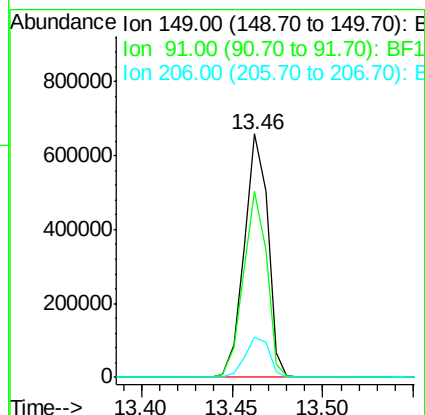
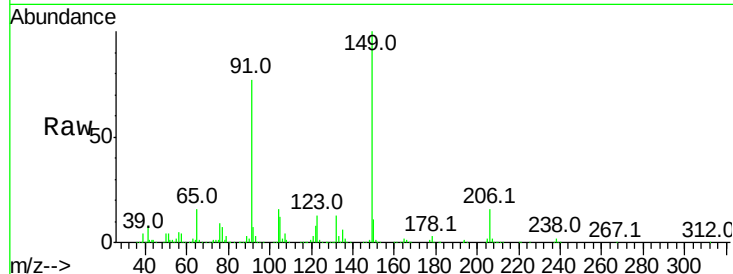




#79
Butylbenzylphthalate
Concen: 40.346 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

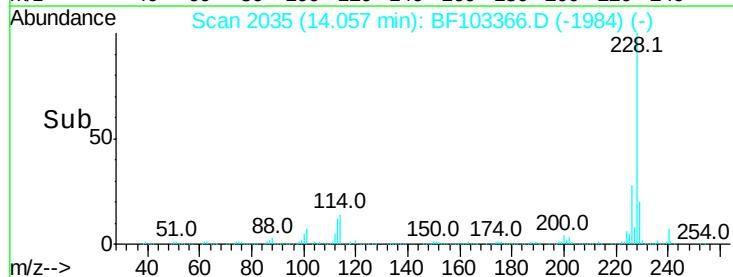
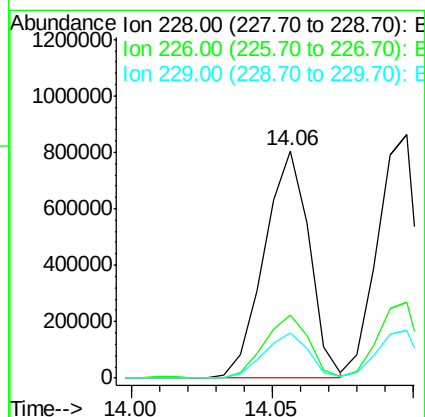
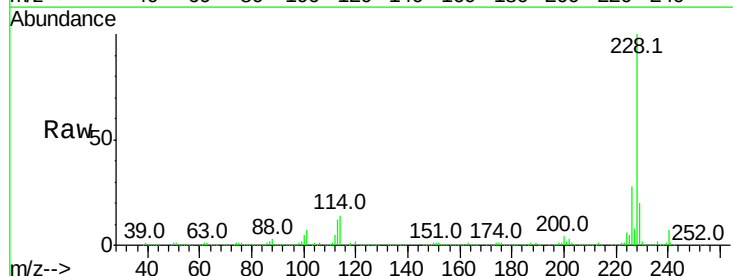
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

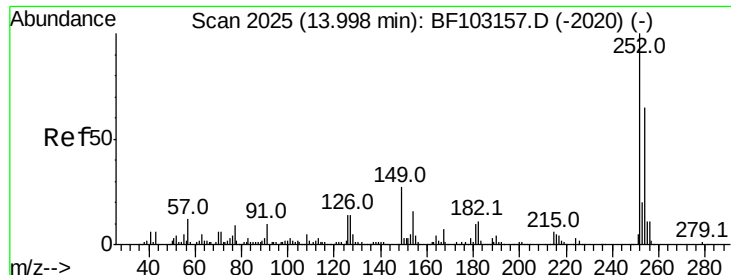
Tot Ion:149 Resp: 594462
Ion Ratio Lower Upper
149 100
91 76.5 56.8 85.2
206 16.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.329 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion:228 Resp: 889544
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.9 15.8 23.6

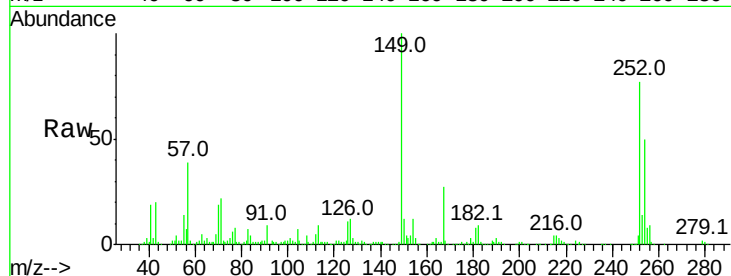




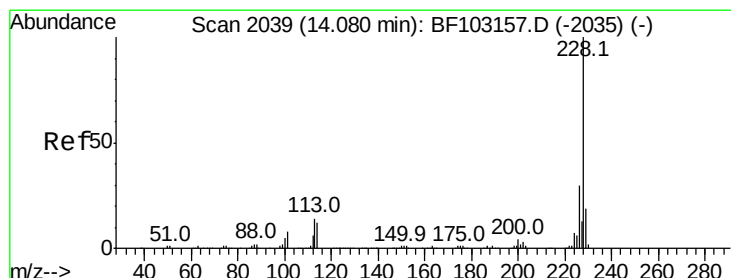
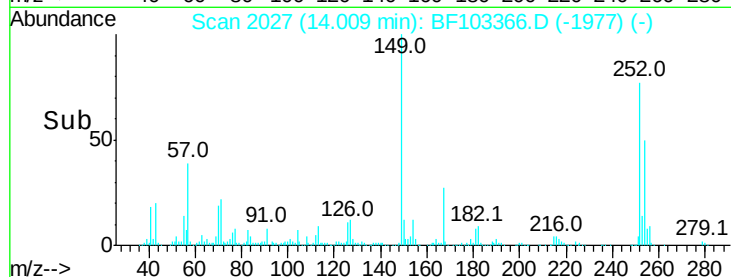
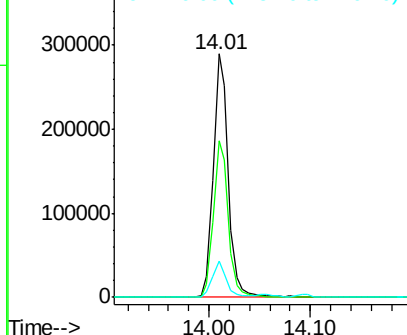
#81
 3,3'-Dichlorobenzidine
 Concen: 36.042 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 298511
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 14.7 11.3 16.9

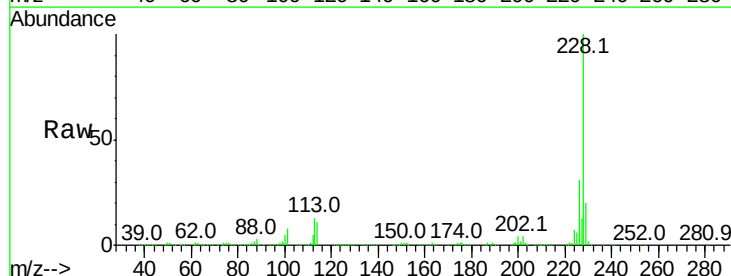


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

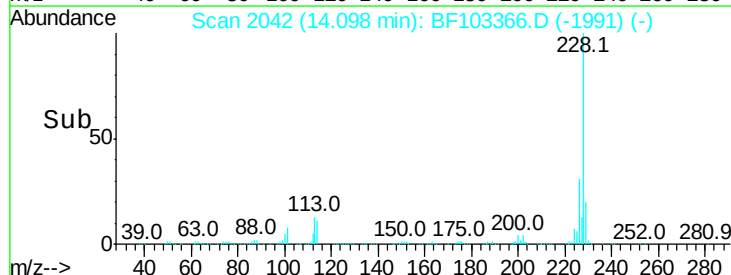
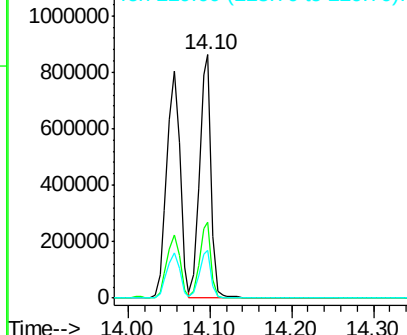


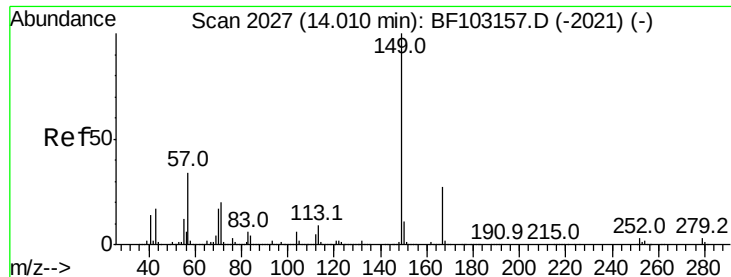
#82
 Chrysene
 Concen: 37.785 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:228 Resp: 851455
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 19.6 16.2 24.4



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

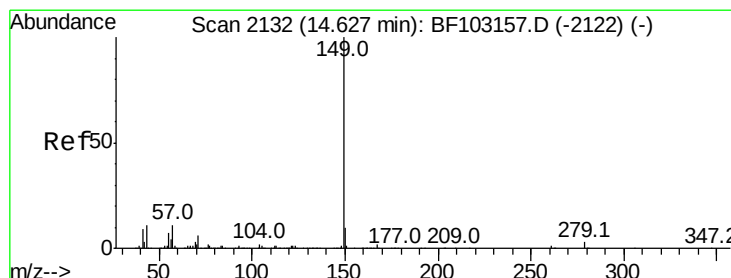
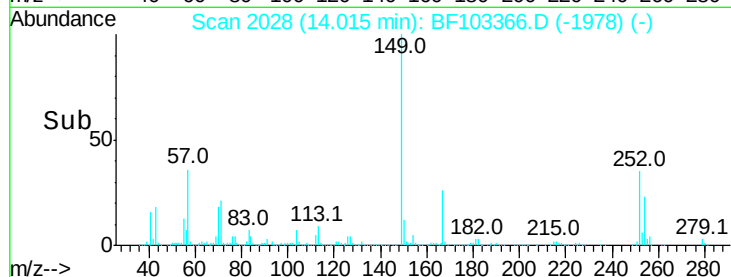
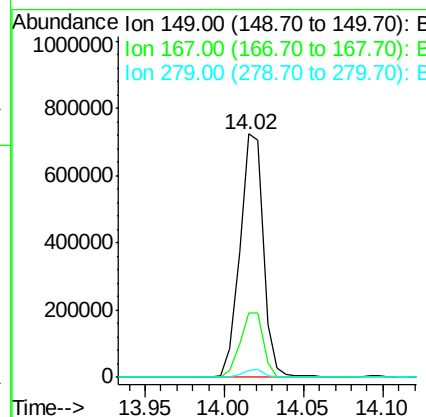
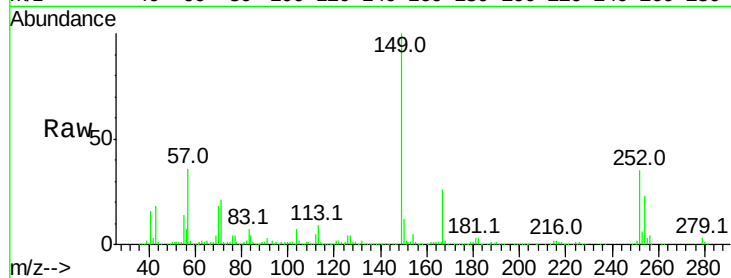




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.402 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

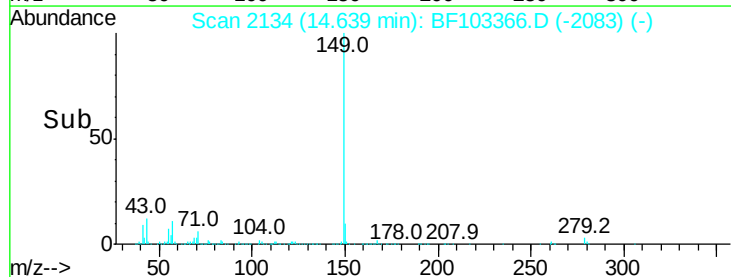
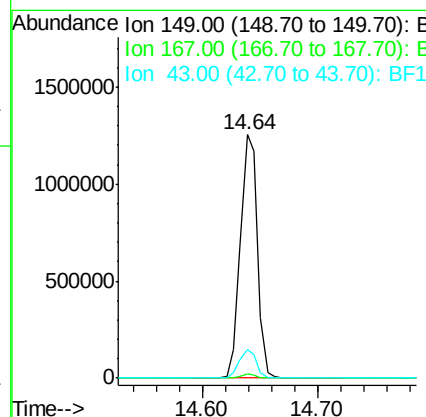
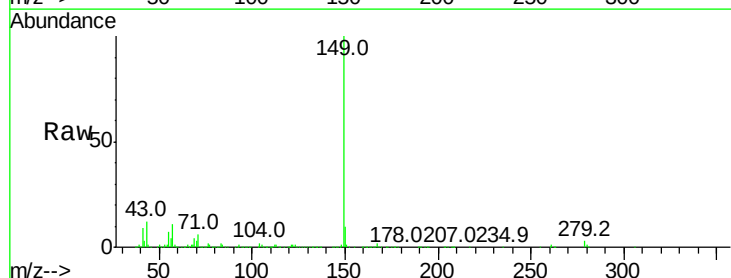
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

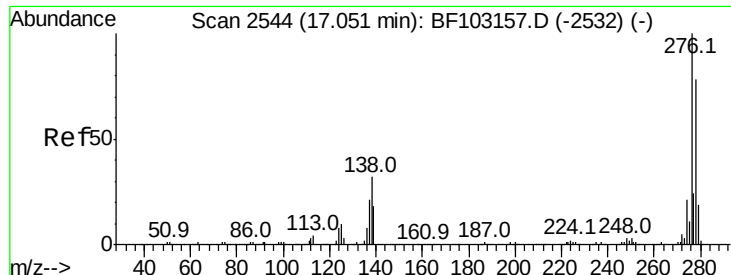
Tot Ion:149 Resp: 743668
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 39.682 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:149 Resp: 1274789
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.5 8.4 12.6

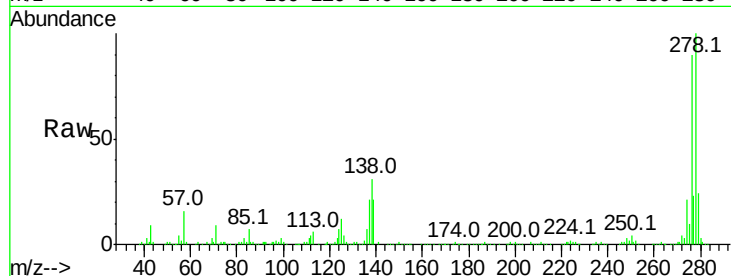




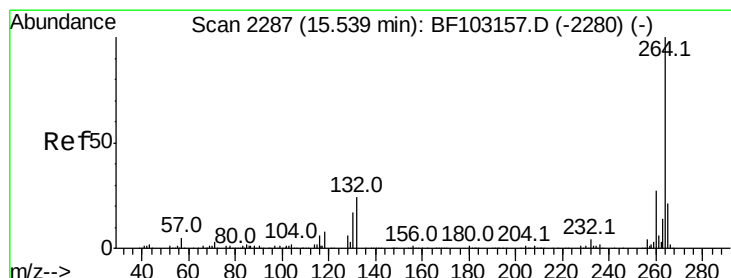
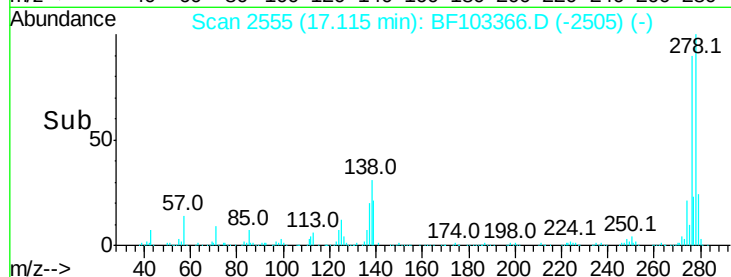
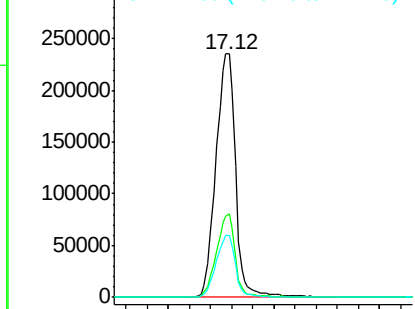
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.189 ng
 RT: 17.12 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 609922
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.0 37.6
 277 25.3 20.1 30.1

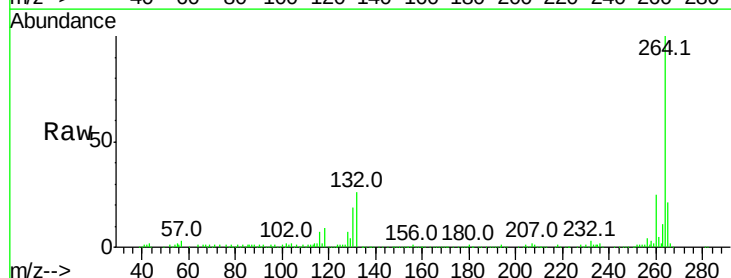


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

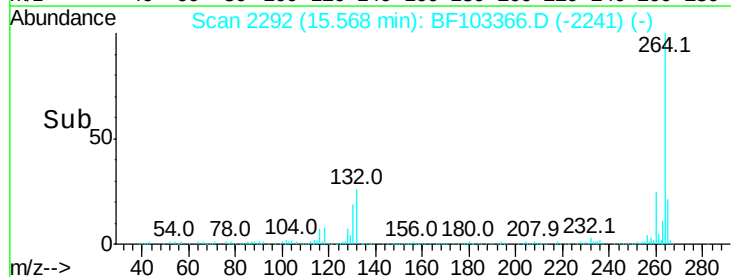
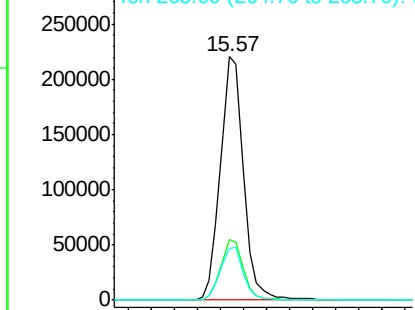


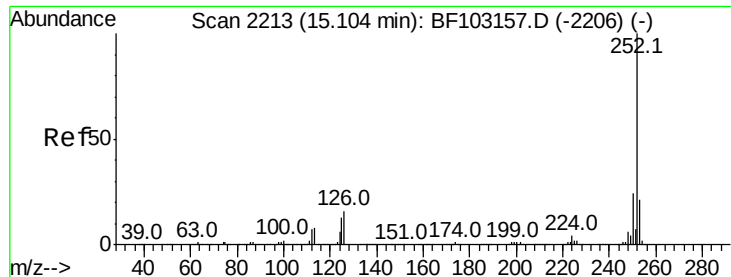
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BF103366.D
 Acq: 2 Mar 2018 15:39

Tgt Ion:264 Resp: 307564
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

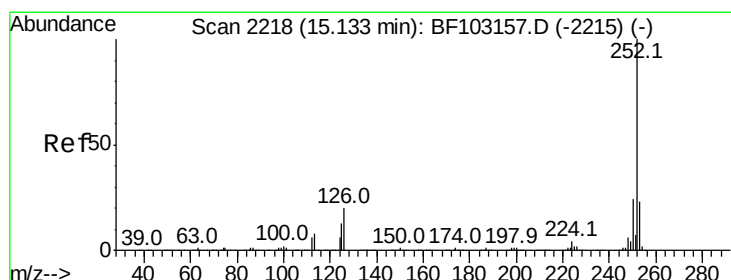
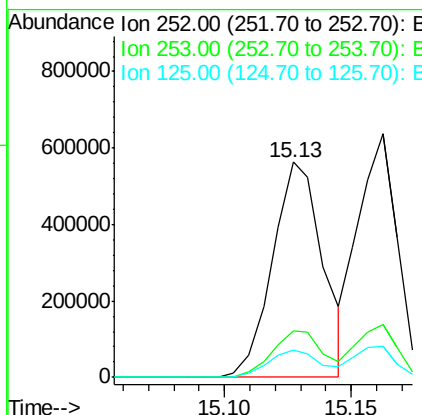
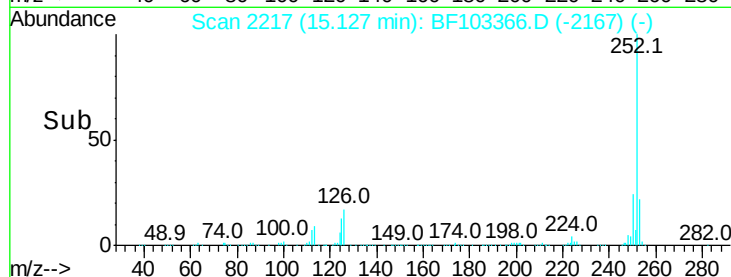
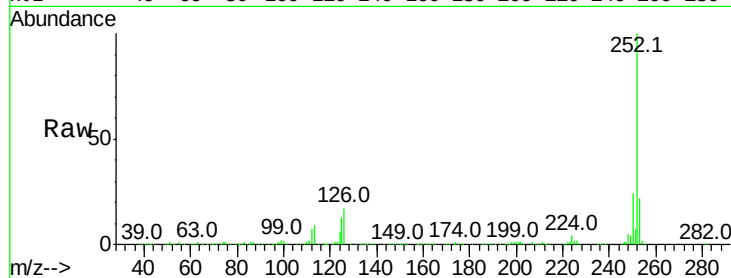




#87
Benzo(b)fluoranthene
Concen: 38.510 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

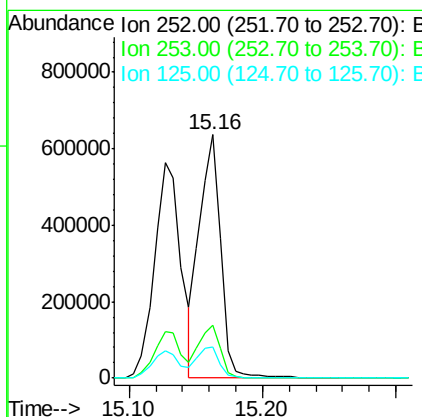
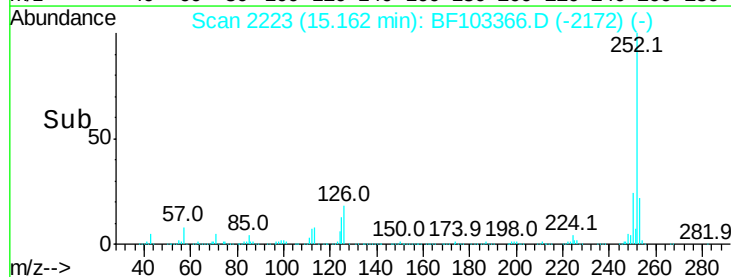
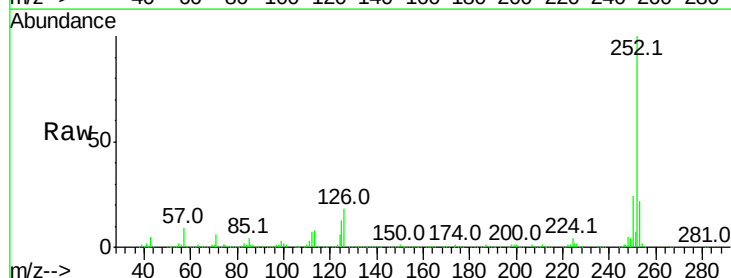
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

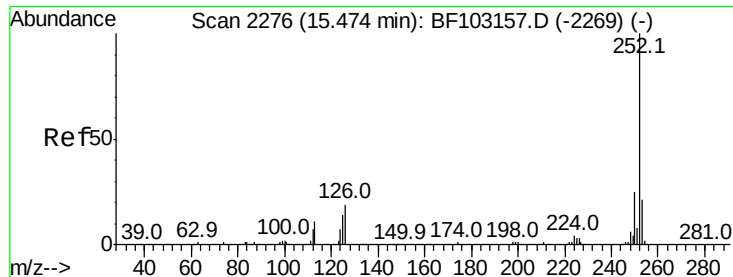
Tot Ion:252 Resp: 778757
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.767 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion:252 Resp: 700124
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.8 10.2 15.2

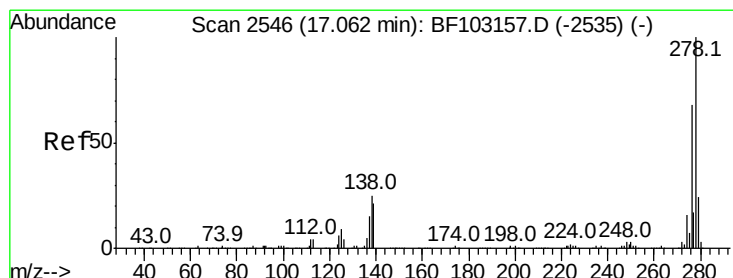
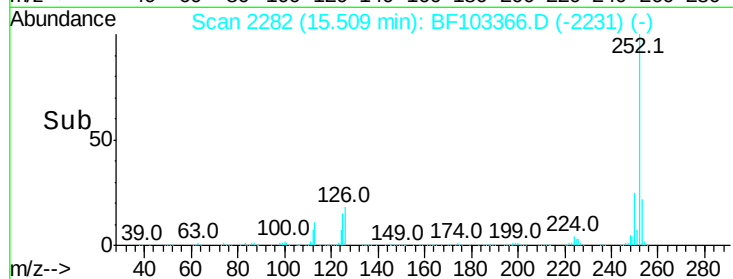
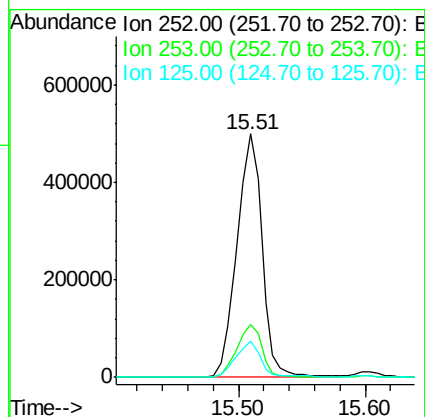
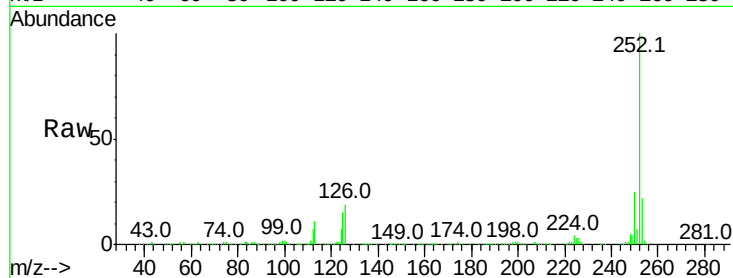




#89
Benzo(a)pyrene
Concen: 37.775 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

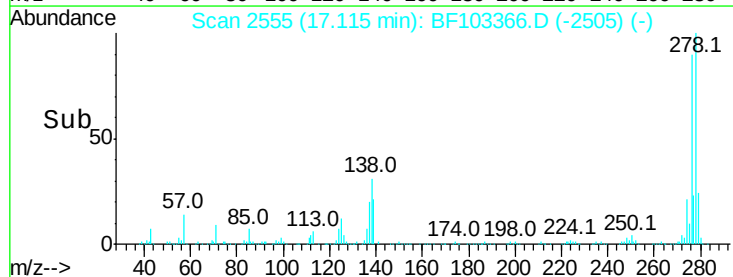
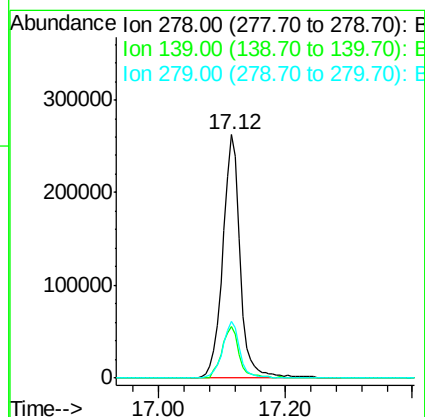
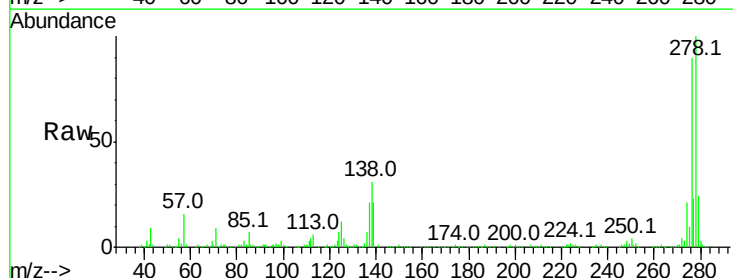
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

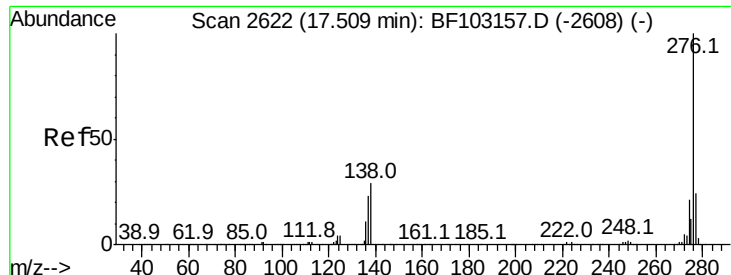
Tot Ion:252 Resp: 682147
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 14.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 36.123 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103366.D
Acq: 2 Mar 2018 15:39

Tgt Ion:278 Resp: 504052
Ion Ratio Lower Upper
278 100
139 21.2 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.184 ng

RT: 17.57 min Scan# 2633

Delta R.T. -0.01 min

Lab File: BF103366.D

Acq: 2 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

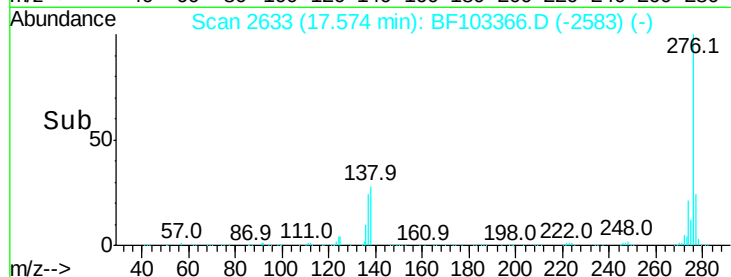
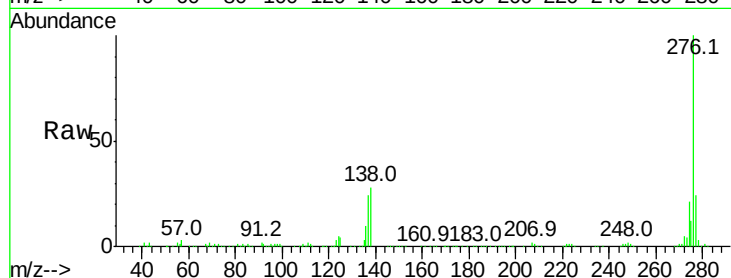
Tot Ion:276 Resp: 507105

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 28.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

