

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
 Data File : BF103581.D
 Acq On : 12 Mar 2018 14:53
 Operator : SJ/JU
 Sample : J1876-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Quant Time: Mar 12 16:08:09 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122924	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	518454	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	219643	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	332399	20.00	ng	0.00
75) Chrysene-d12	14.06	240	194983	20.00	ng	0.00
86) Perylene-d12	15.56	264	202740	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	668895	82.30	ng	0.01
7) Phenol-d6	6.51	99	862110	86.68	ng	0.00
23) Nitrobenzene-d5	7.43	82	572776	63.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	107365	57.75	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	795092	57.62	ng	0.00
78) Terphenyl-d14	12.98	244	535013	65.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	96023	22.369	ng	96
3) Pyridine	3.49	79	222583	19.422	ng	98
4) n-Nitrosodimethylamine	3.43	42	106259	22.990	ng	90
6) Aniline	6.54	93	125428	8.739	ng	# 24
8) 2-Chlorophenol	6.65	128	233845	27.696	ng	92
9) Benzaldehyde	6.43	77	117965	16.439	ng	98
10) Phenol	6.52	94	296811	25.708	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	223006	25.449	ng	93
12) 1,3-Dichlorobenzene	6.80	146	249551	25.864	ng	98
13) 1,4-Dichlorobenzene	6.87	146	266421	27.541	ng	99
14) 1,2-Dichlorobenzene	7.03	146	241494	27.074	ng	99
15) Benzyl Alcohol	7.02	79	193730	25.850	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	396051	26.320	ng	54
17) 2-Methylphenol	7.13	107	195470	25.475	ng	# 80
18) Hexachloroethane	7.36	117	81247	23.071	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	191112	30.876	ng	# 93
20) 3+4-Methylphenols	7.29	107	275737	29.480	ng	92
22) Acetophenone	7.27	105	365040	30.165	ng	# 97
24) Nitrobenzene	7.45	77	271379	27.151	ng	95
25) Isophorone	7.68	82	499870	27.957	ng	98
26) 2-Nitrophenol	7.76	139	102612	21.807	ng	92
27) 2,4-Dimethylphenol	7.80	122	219289	30.489	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	316229	30.082	ng	97
29) 2,4-Dichlorophenol	8.03	162	184300	26.764	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	187723	25.600	ng	98
31) Naphthalene	8.16	128	718441	28.305	ng	99
32) Benzoic acid	7.80	122	219289	42.090	ng	# 15
33) 4-Chloroaniline	8.24	127	115871	10.579	ng	# 93
34) Hexachlorobutadiene	8.27	225	94307	24.697	ng	98
35) Caprolactam	8.58	113	63092	26.069	ng	# 75
36) 4-Chloro-3-methylphenol	8.72	107	223194	28.736	ng	98
37) 2-Methylnaphthalene	8.86	142	446392	27.212	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	164100	27.329	ng	99
40) Hexachlorocyclopentadiene	9.00	237	961	9.285	ng	91

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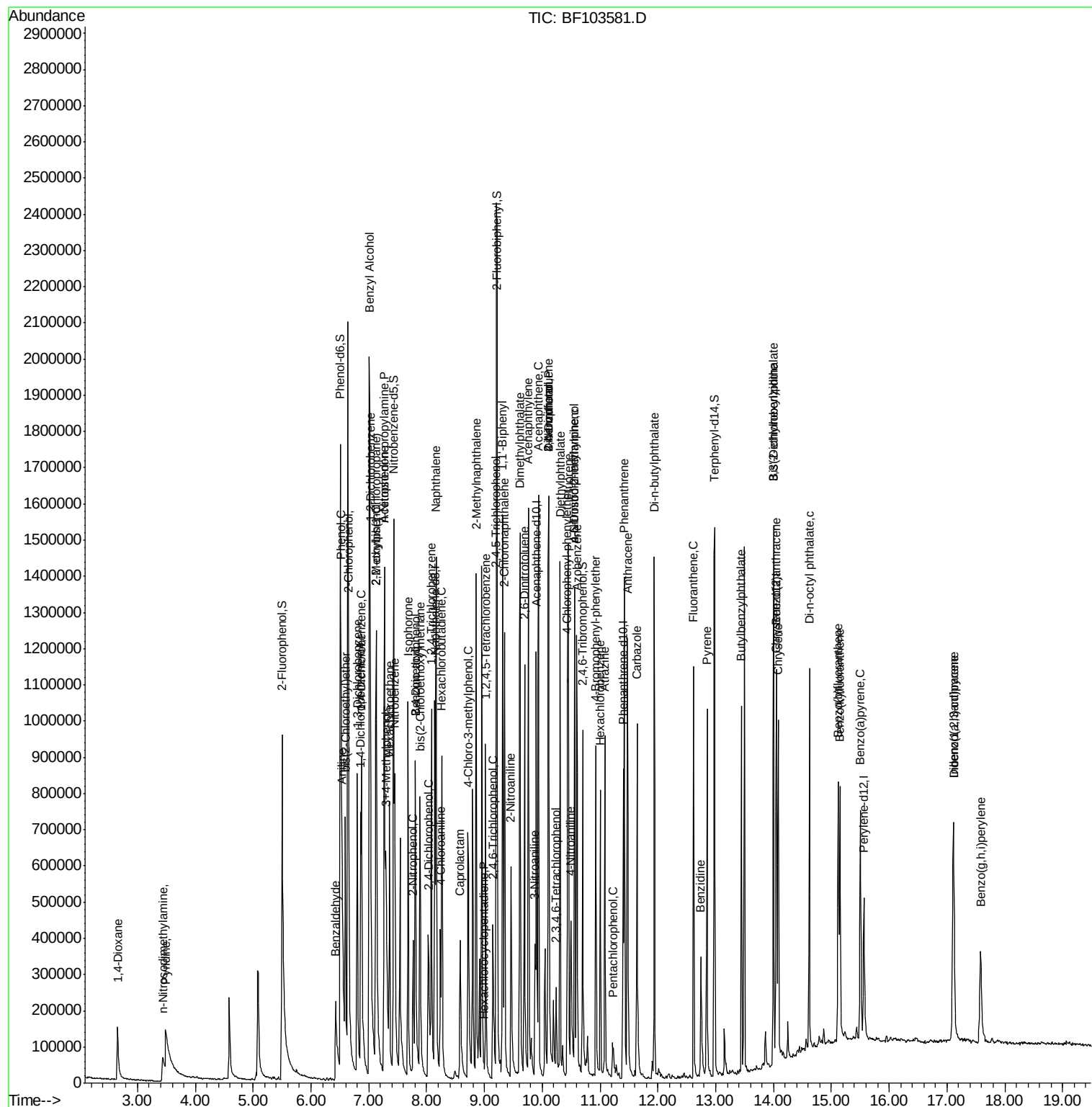
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	68432	16.937	ng	93
43) 2,4,5-Trichlorophenol	9.20	196	93797	20.184	ng	93
45) 1,1'-Biphenyl	9.32	154	504386	27.405	ng	97
46) 2-Chloronaphthalene	9.35	162	400355	27.495	ng	99
47) 2-Nitroaniline	9.46	65	157982	29.291	ng	85
48) Acenaphthylene	9.76	152	604161	26.967	ng	99
49) Dimethylphthalate	9.62	163	509417	28.911	ng	99
50) 2,6-Dinitrotoluene	9.69	165	96396	26.070	ng #	81
51) Acenaphthene	9.93	154	345506	26.448	ng	99
52) 3-Nitroaniline	9.87	138	89349	19.046	ng	97
54) Dibenzofuran	10.11	168	511529	28.524	ng	97
55) 4-Nitrophenol	10.11	139	245023	84.272	ng #	15
56) 2,4-Dinitrotoluene	10.11	165	118192	25.274	ng #	66
57) Fluorene	10.45	166	403495	26.413	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	36471	11.683	ng #	91
59) Diethylphthalate	10.31	149	456596	27.094	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	179084	27.644	ng	94
61) 4-Nitroaniline	10.50	138	111250	23.742	ng	93
62) Azobenzene	10.60	77	470753	27.443	ng	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	767	5.286	ng #	1
65) n-Nitrosodiphenylamine	10.56	169	354288	30.612	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	99070	28.611	ng	99
67) Hexachlorobenzene	11.00	284	97376	25.910	ng	98
68) Atrazine	11.09	200	102896	29.579	ng	99
69) Pentachlorophenol	11.22	266	17052	9.384	ng	93
70) Phenanthrene	11.42	178	523361	28.610	ng	99
71) Anthracene	11.47	178	535867	28.567	ng	99
72) Carbazole	11.64	167	507599	27.173	ng	100
73) Di-n-butylphthalate	11.94	149	672287	28.762	ng	99
74) Fluoranthene	12.62	202	474563	25.816	ng	98
76) Benzidine	12.74	184	177155	24.303	ng	97
77) Pyrene	12.85	202	457173	30.073	ng	99
79) Butylbenzylphthalate	13.44	149	221008	27.516	ng	98
80) Benzo(a)anthracene	14.04	228	350147	27.677	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	99844	22.114	ng	97
82) Chrysene	14.08	228	341517	27.802	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	290104	26.766	ng #	99
84) Di-n-octyl phthalate	14.62	149	488980	27.922	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	323475	33.262	ng	98
87) Benzo(b)fluoranthene	15.12	252	347367	26.059	ng	98
88) Benzo(k)fluoranthene	15.15	252	350487	27.922	ng	98
89) Benzo(a)pyrene	15.50	252	333214	27.992	ng	99
90) Dibenzo(a,h)anthracene	17.12	278	271647	29.533	ng	97
91) Benzo(g,h,i)perylene	17.58	276	259154	28.828	ng	98

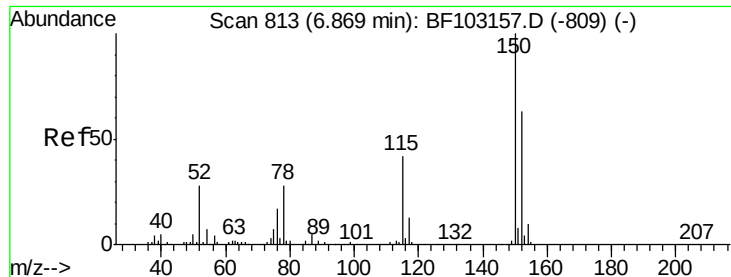
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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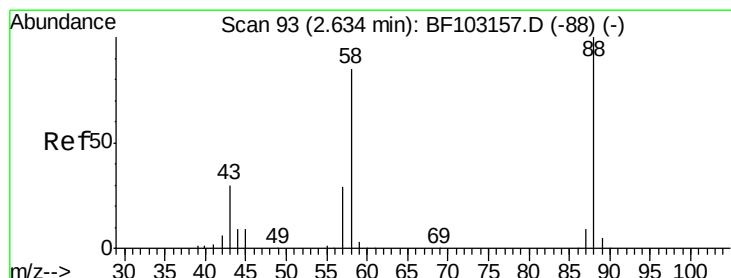
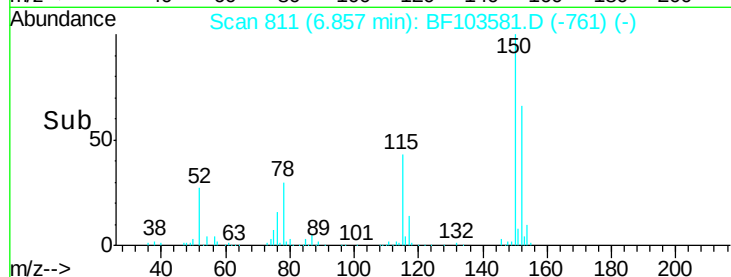
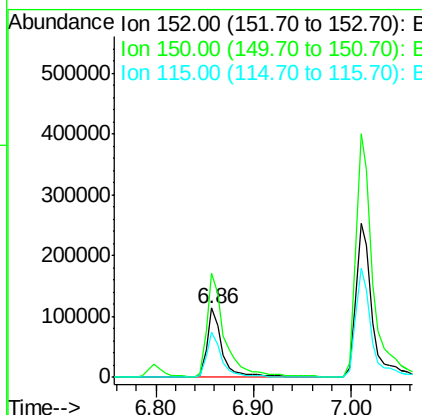
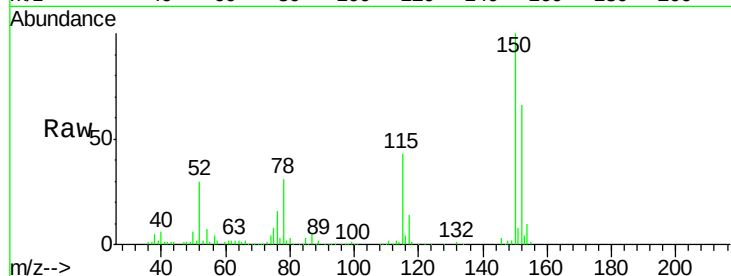


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

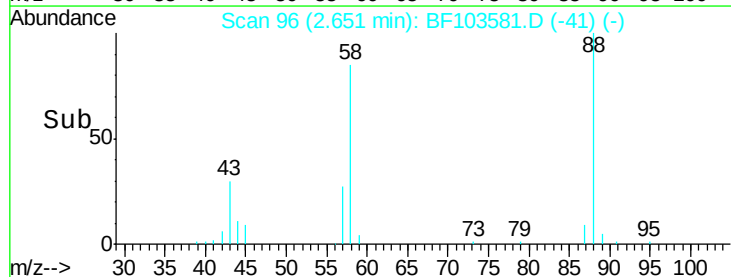
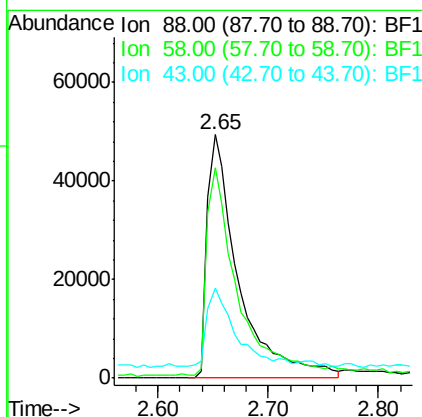
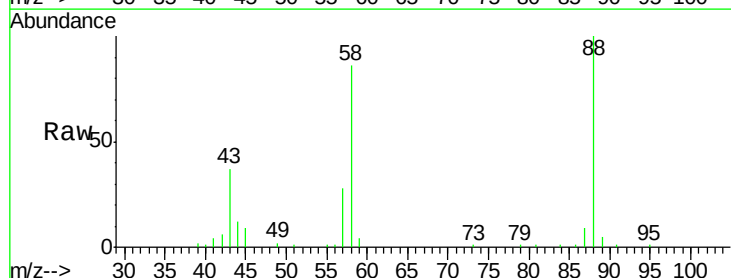
Tgt Ion:152 Resp: 122924
Ion Ratio Lower Upper
152 100
150 150.7 124.6 186.8
115 64.8 50.1 75.1

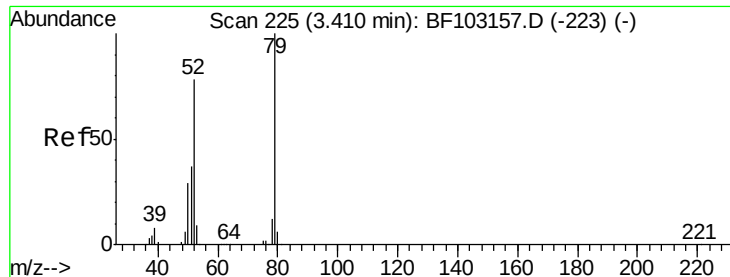


#2

1,4-Dioxane
Concen: 22.369 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion: 88 Resp: 96023
Ion Ratio Lower Upper
88 100
58 82.7 62.6 93.8
43 29.3 24.6 37.0





#3

Pyridine

Concen: 19.422 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

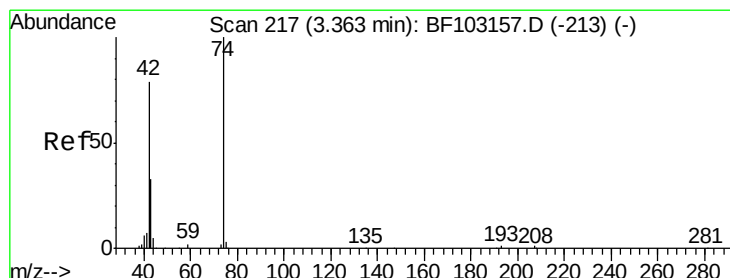
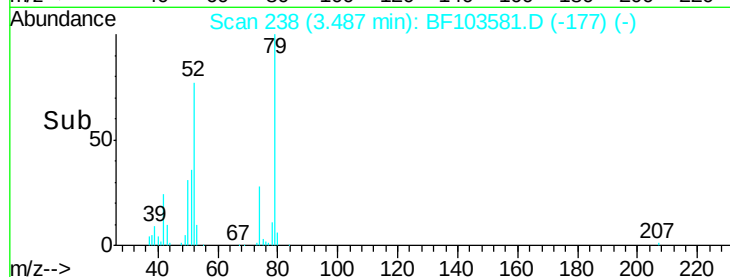
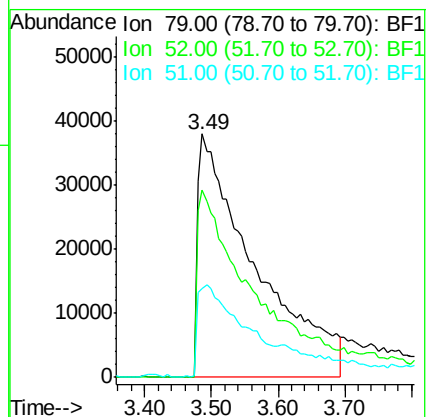
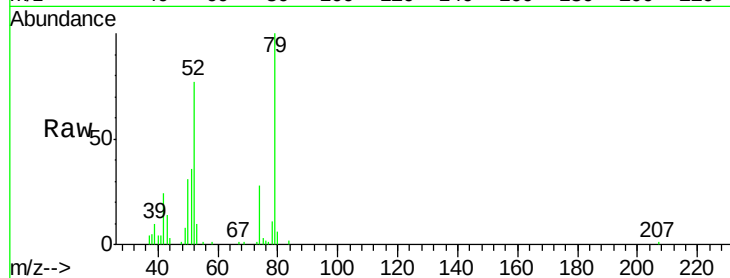
Tgt Ion: 79 Resp: 222583

Ion Ratio Lower Upper

79 100

52 76.9 59.8 89.6

51 36.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 22.990 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.05 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

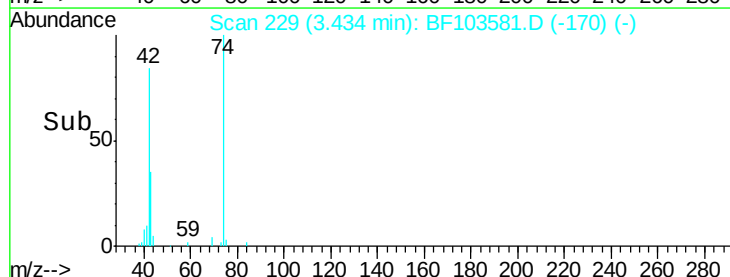
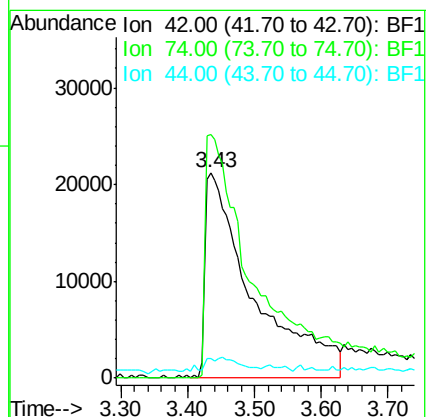
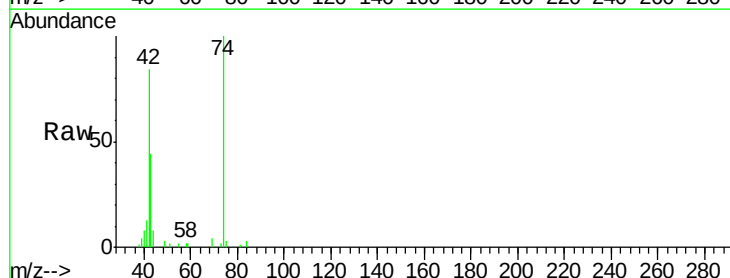
Tgt Ion: 42 Resp: 106259

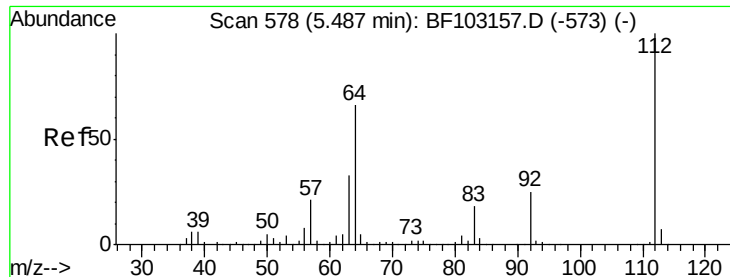
Ion Ratio Lower Upper

42 100

74 118.4 104.9 157.3

44 9.2 6.9 10.3





#5

2-Fluorophenol

Concen: 82.299 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

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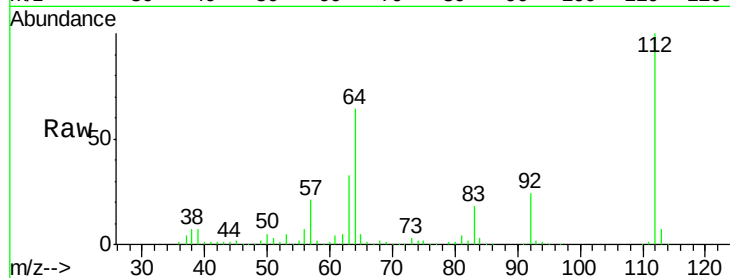
Tgt Ion: 112 Resp: 668895

Ion Ratio Lower Upper

112 100

64 64.2 47.9 71.9

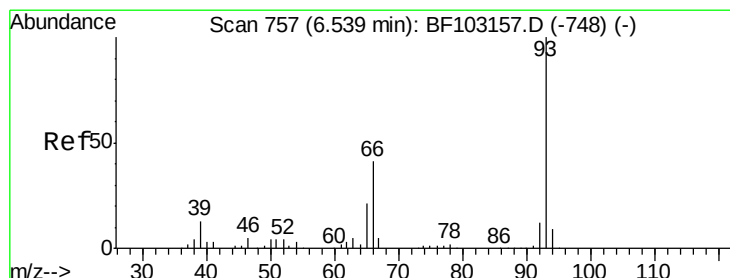
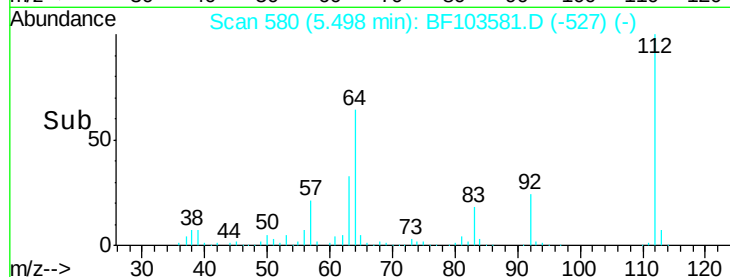
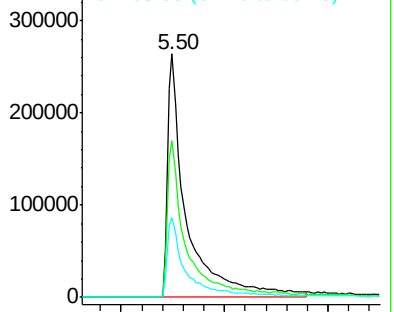
63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.739 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

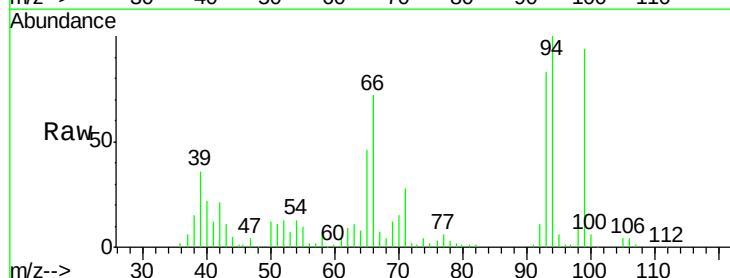
Tgt Ion: 93 Resp: 125428

Ion Ratio Lower Upper

93 100

66 87.3 32.2 48.2#

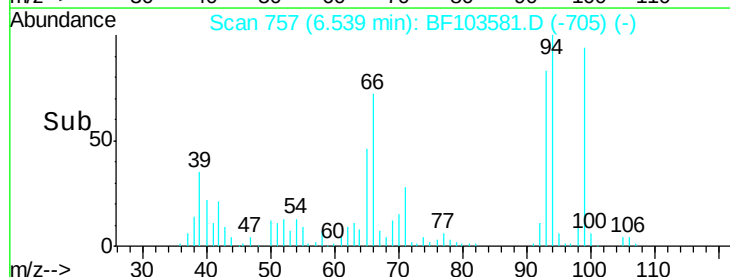
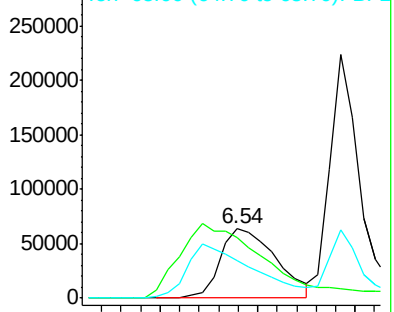
65 55.1 16.4 24.6#

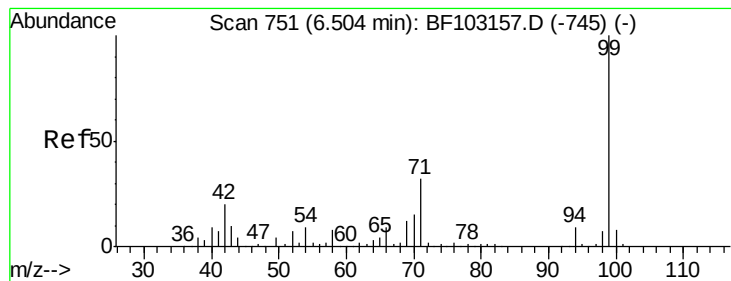


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.685 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

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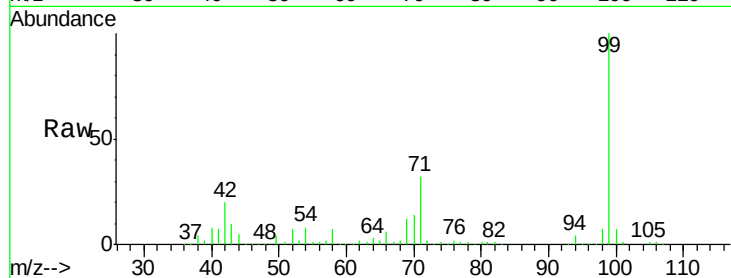
Tgt Ion: 99 Resp: 862110

Ion Ratio Lower Upper

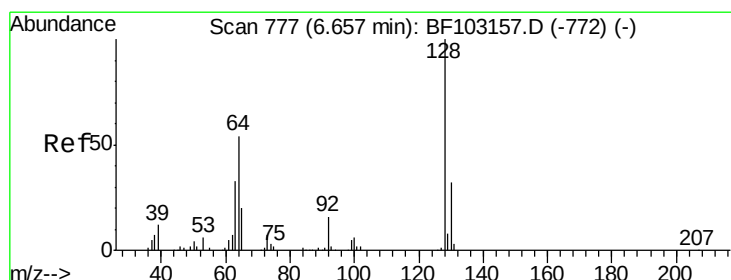
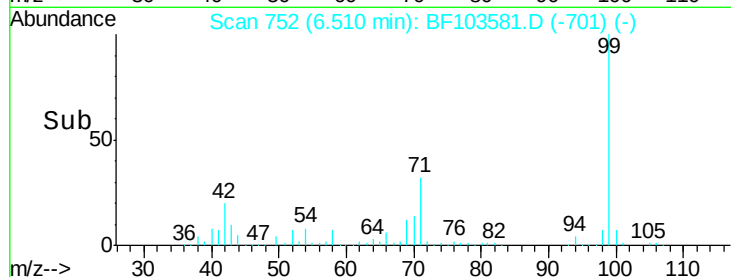
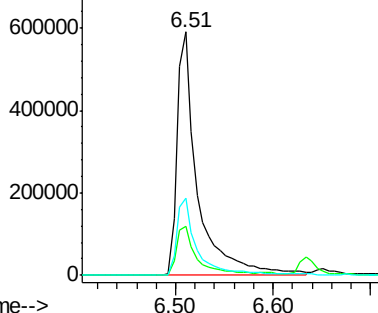
99 100

42 20.1 14.5 21.7

71 31.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 27.696 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

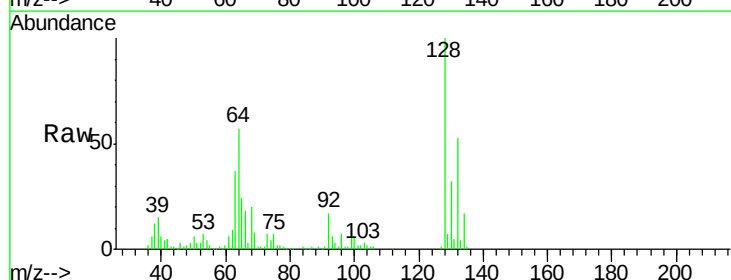
Tgt Ion: 128 Resp: 233845

Ion Ratio Lower Upper

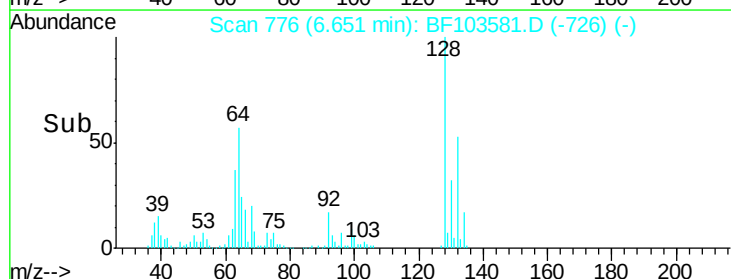
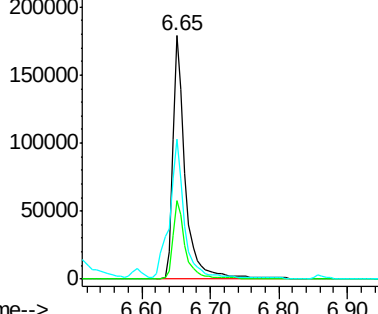
128 100

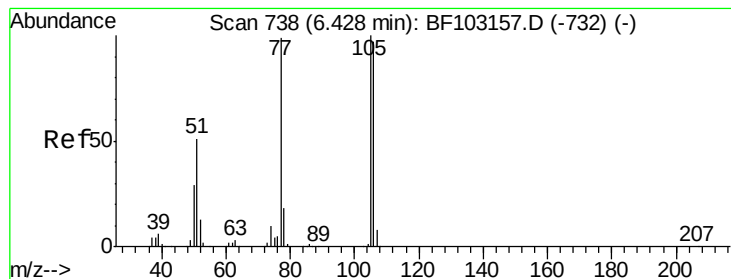
130 32.2 13.0 53.0

64 57.4 29.4 69.4



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





#9

Benzaldehyde

Concen: 16.439 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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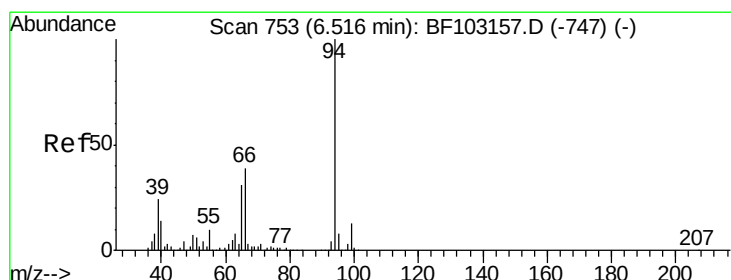
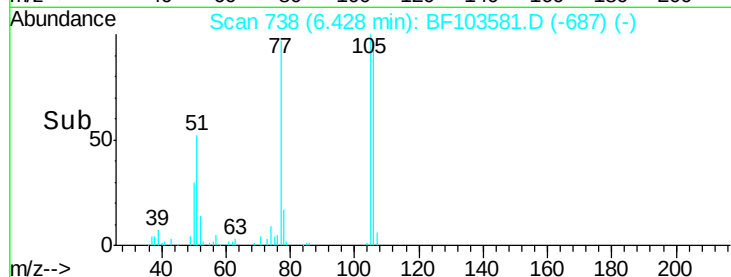
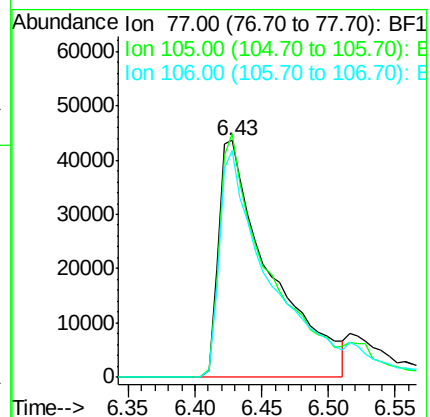
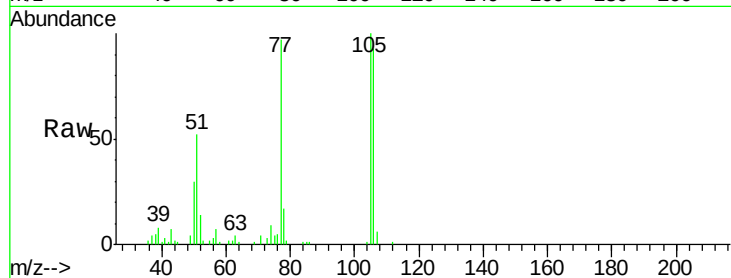
Tgt Ion: 77 Resp: 117965

Ion Ratio Lower Upper

77 100

105 102.7 81.1 121.1

106 95.9 74.5 114.5



#10

Phenol

Concen: 25.708 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

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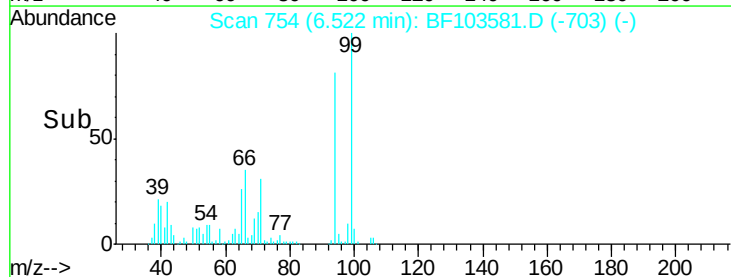
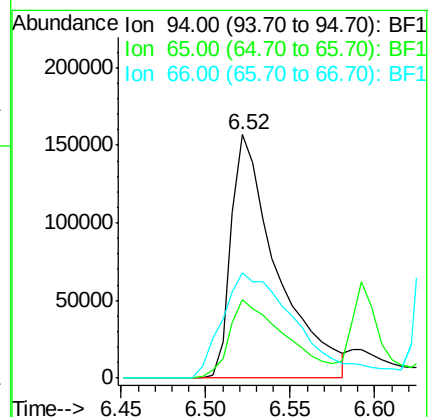
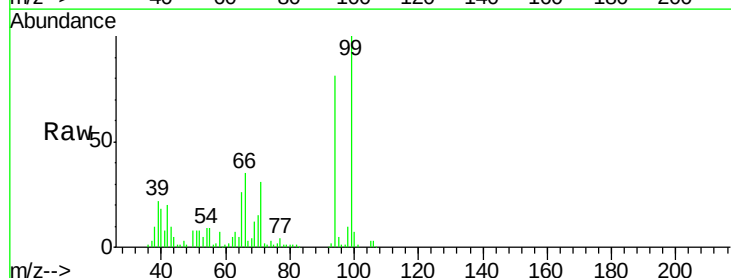
Tgt Ion: 94 Resp: 296811

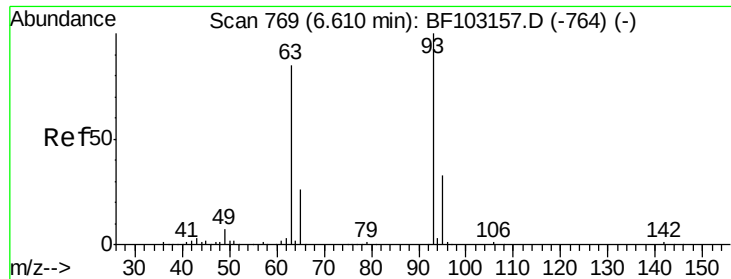
Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

66 43.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 25.449 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

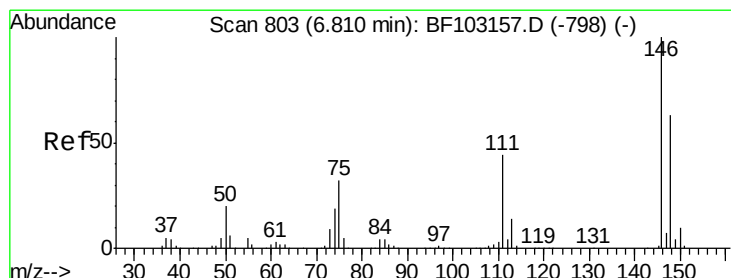
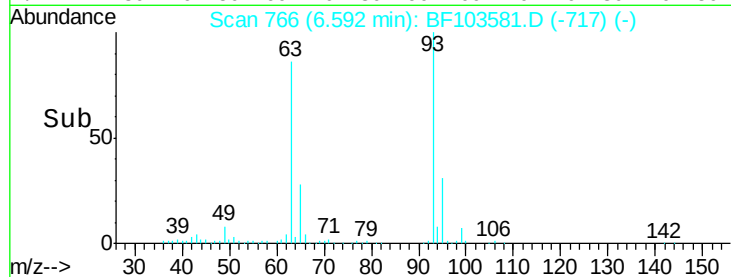
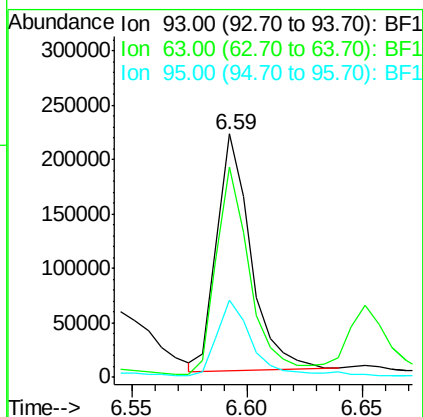
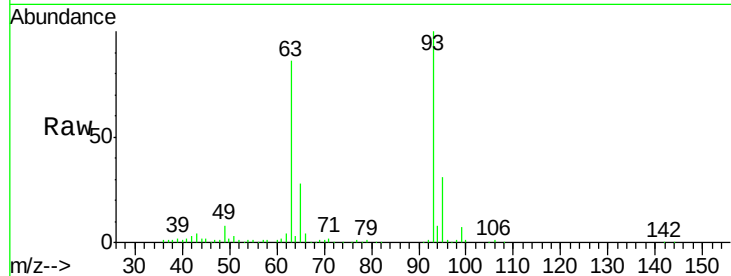
Tgt Ion: 93 Resp: 223006

Ion Ratio Lower Upper

93 100

63 86.4 58.6 98.6

95 31.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 25.864 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

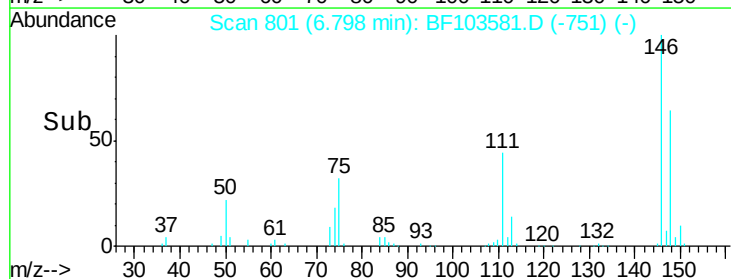
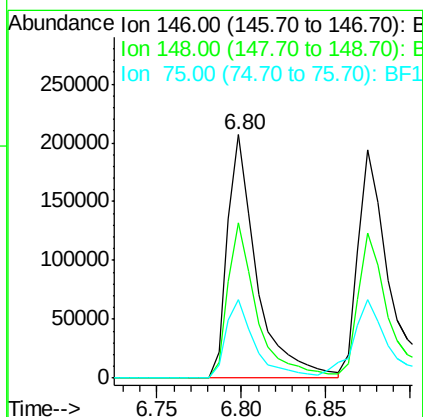
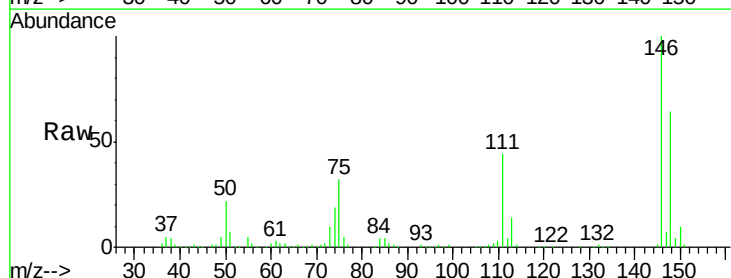
Tgt Ion: 146 Resp: 249551

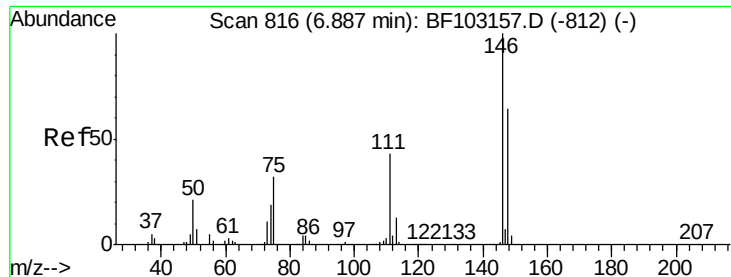
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

75 32.3 24.2 36.4

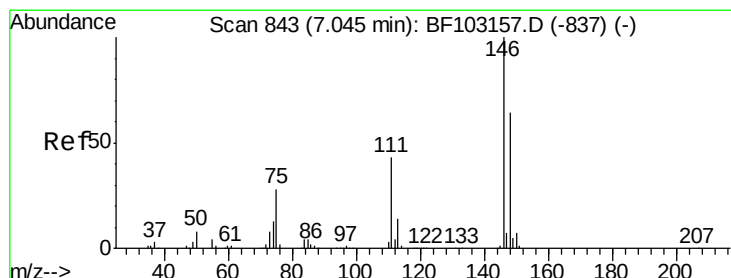
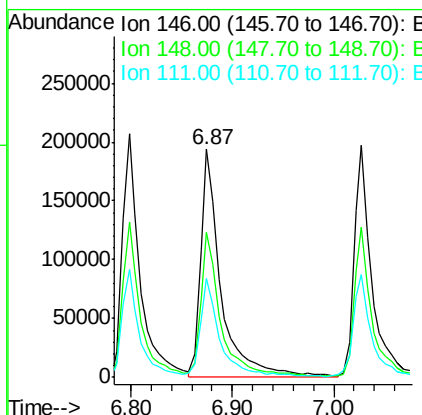
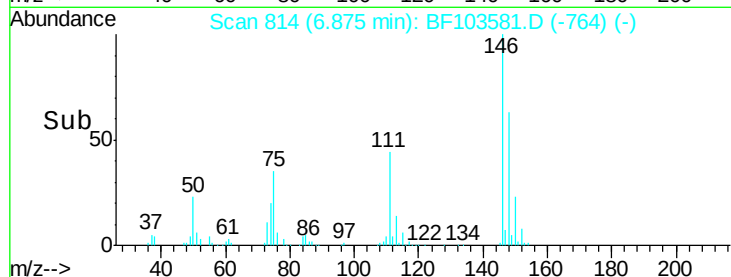
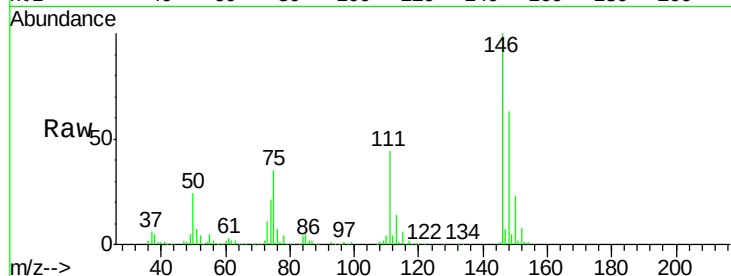




#13
 1,4-Dichlorobenzene
 Concen: 27.541 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

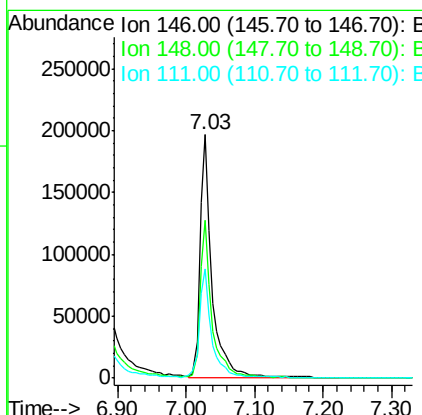
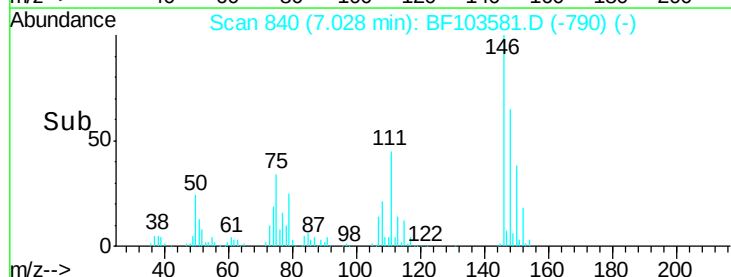
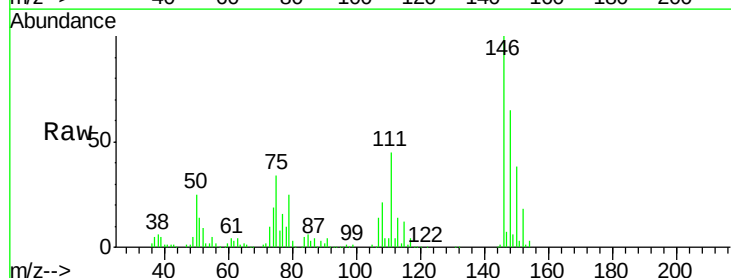
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

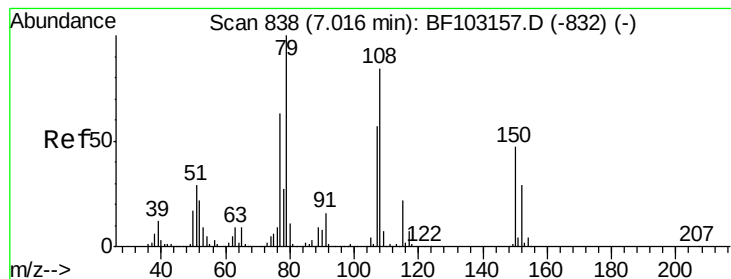
Tgt Ion:146 Resp: 266421
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 43.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 27.074 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion:146 Resp: 241494
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 44.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 25.850 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

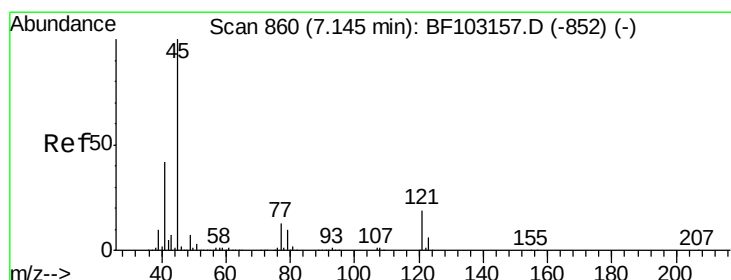
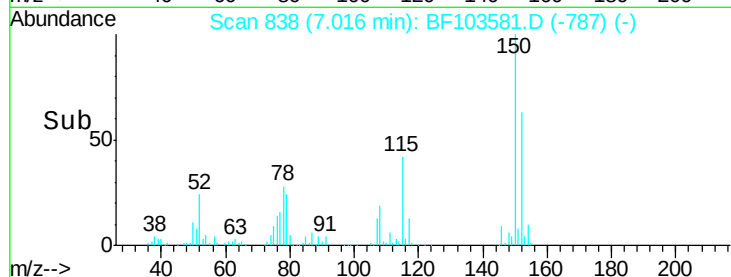
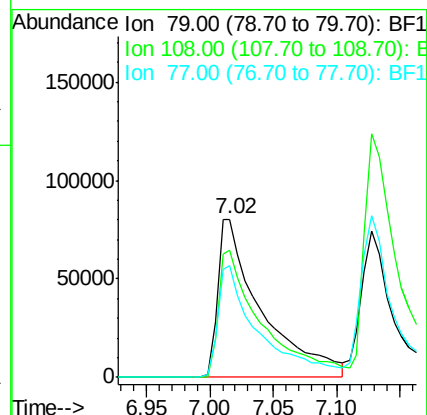
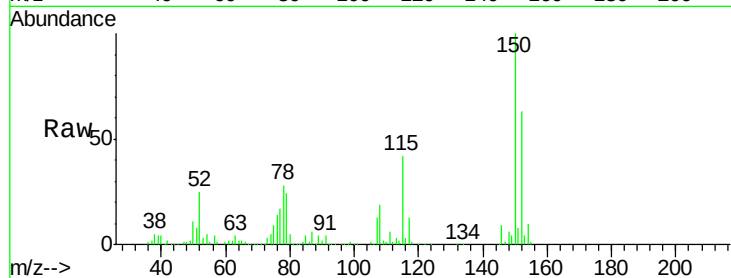
Tgt Ion: 79 Resp: 193730

Ion Ratio Lower Upper

79 100

108 80.4 65.1 97.7

77 70.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.320 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

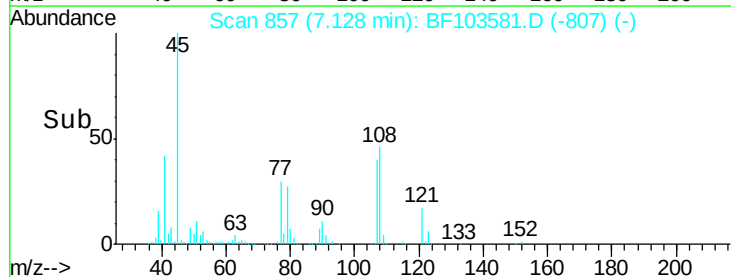
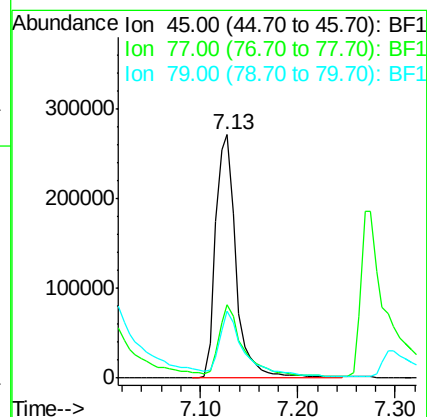
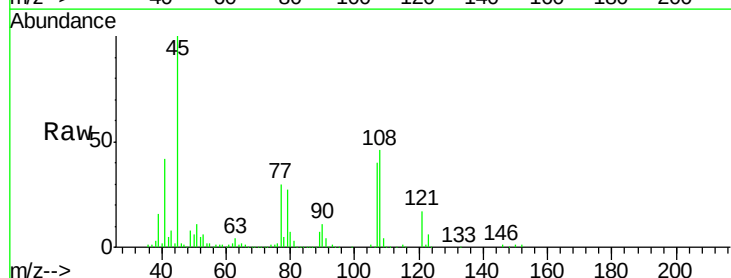
Tgt Ion: 45 Resp: 396051

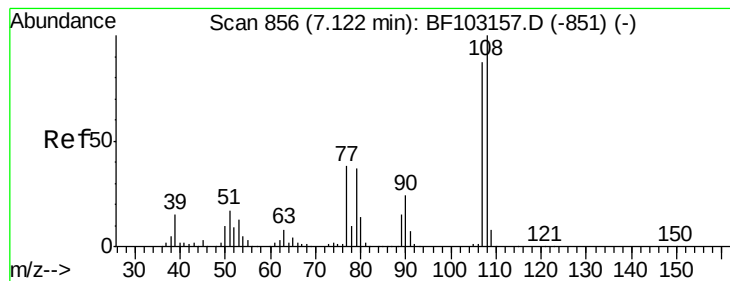
Ion Ratio Lower Upper

45 100

77 30.3 0.0 32.9

79 27.4 0.0 29.6





#17

2-Methylphenol

Concen: 25.475 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

Tgt Ion:107 Resp: 195470

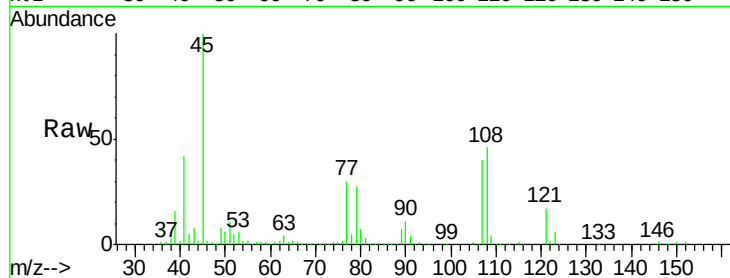
Ion Ratio Lower Upper

107 100

108 114.1 91.7 137.5

77 75.9 33.8 50.8#

79 68.5 33.8 50.8#

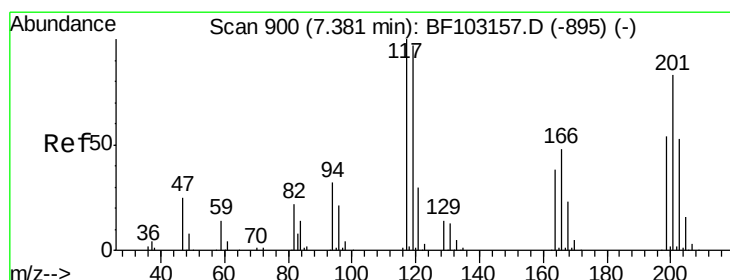
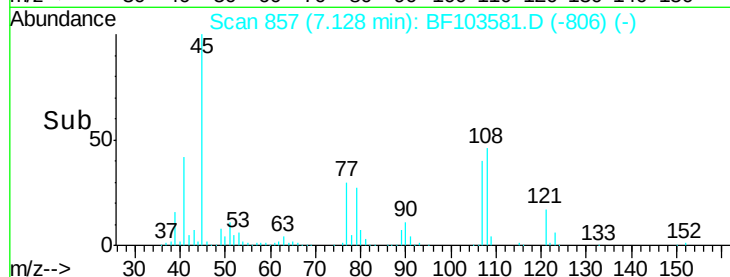
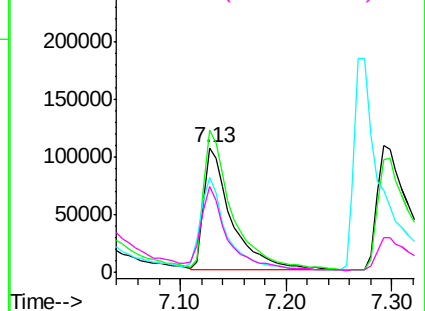


Abundance Ion 107.00 (106.70 to 107.70): E

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: 23.071 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

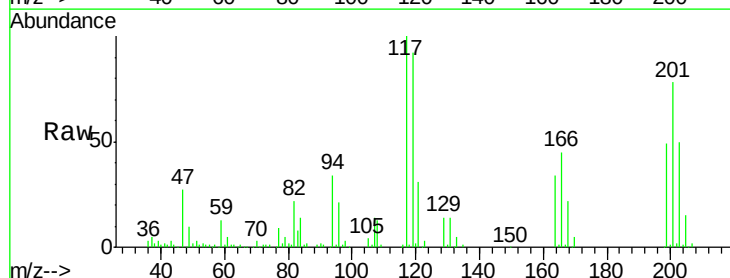
Tgt Ion:117 Resp: 81247

Ion Ratio Lower Upper

117 100

119 92.5 75.8 113.8

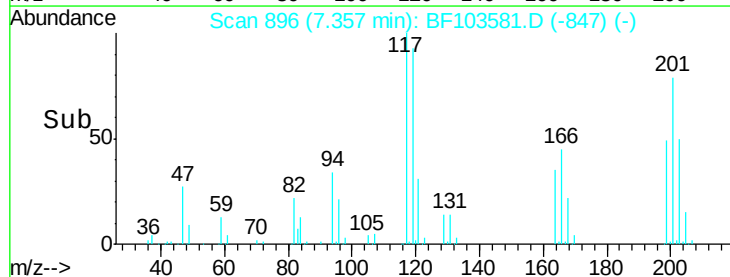
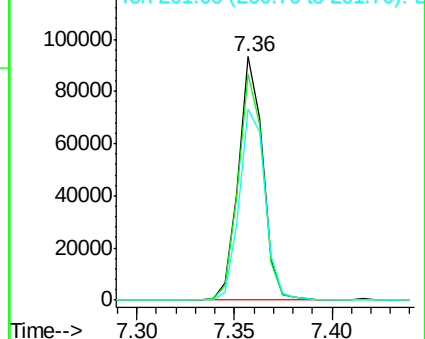
201 78.3 75.7 113.5

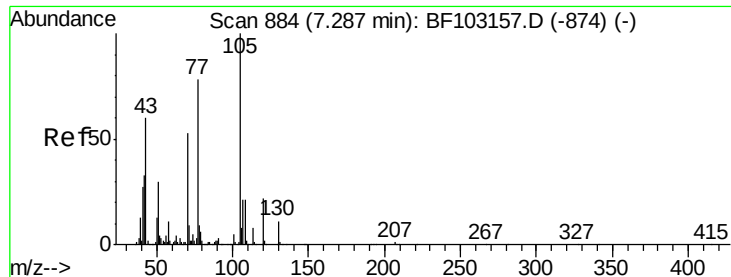


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

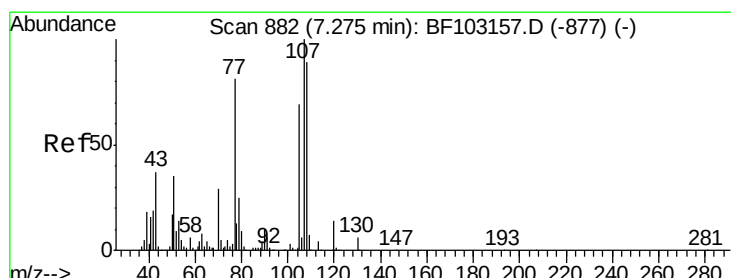
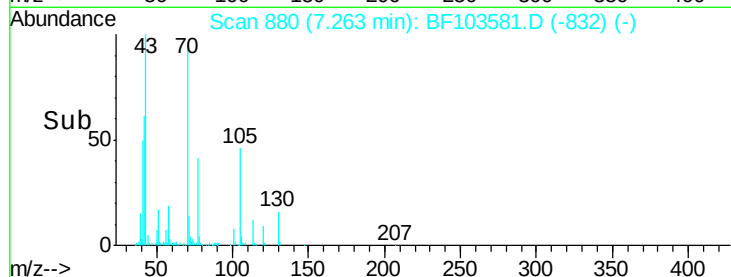
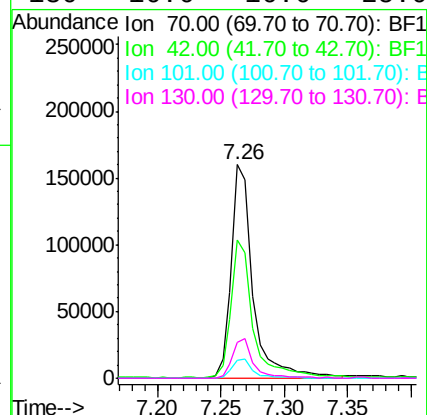
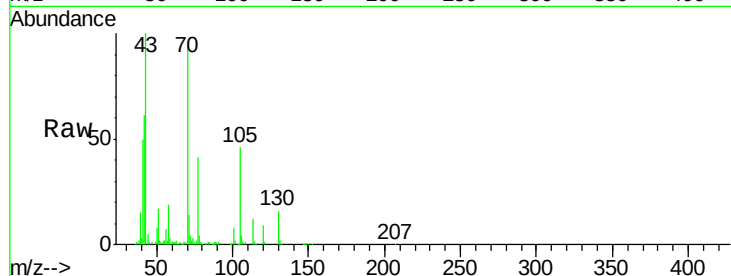




#19
n-Nitroso-di-n-propylamine
Concen: 30.876 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

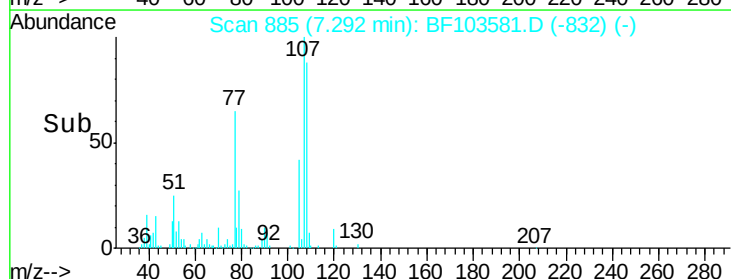
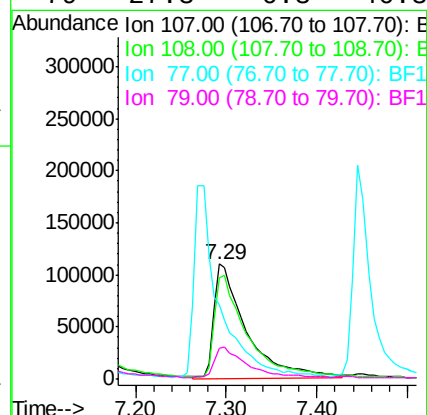
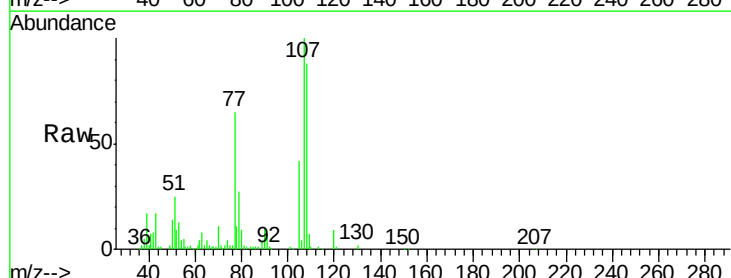
Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

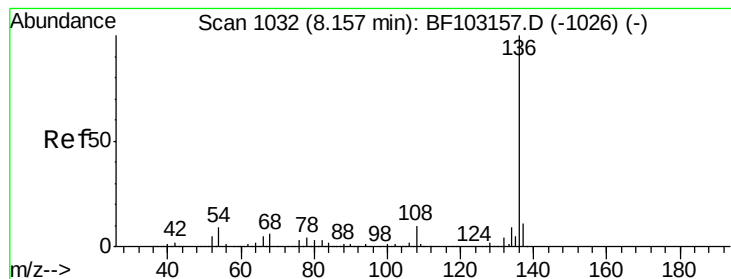
Tgt Ion: 70 Resp: 191112
Ion Ratio Lower Upper
70 100
42 64.8 47.5 71.3
101 8.7 7.4 11.2
130 16.6 16.6 25.0#



#20
3+4-Methylphenols
Concen: 29.480 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion: 107 Resp: 275737
Ion Ratio Lower Upper
107 100
108 88.3 68.2 108.2
77 65.0 26.7 66.7
79 27.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

Tgt Ion:136 Resp: 518454

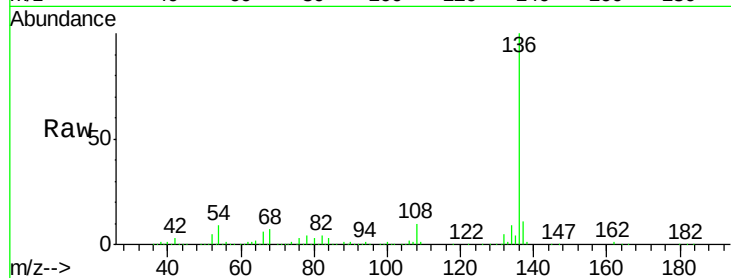
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.3 6.6 9.8

68 6.9 5.0 7.4

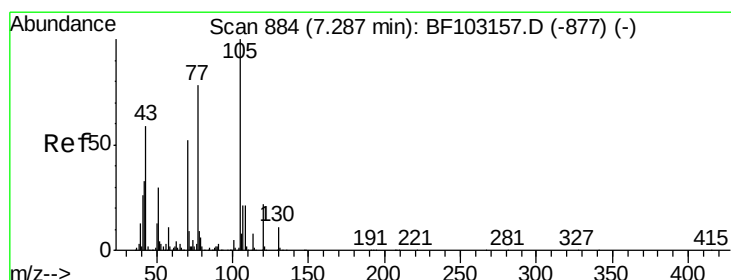
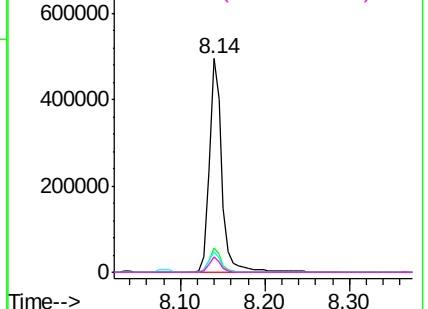
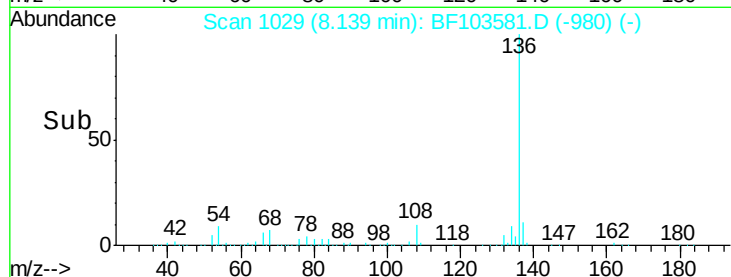


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.165 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion:105 Resp: 365040

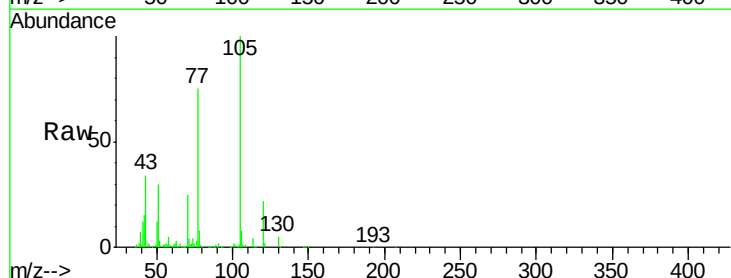
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 30.2 22.3 33.5

120 21.6 16.9 25.3

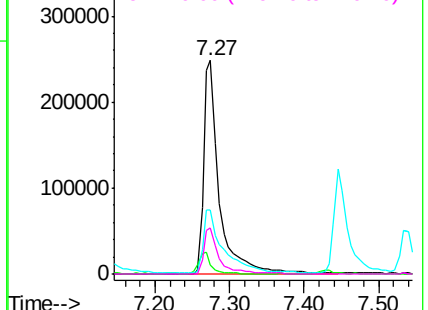
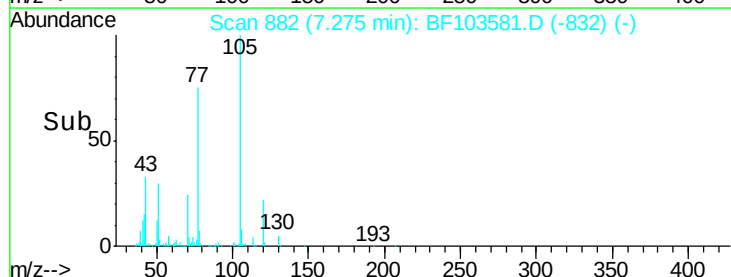


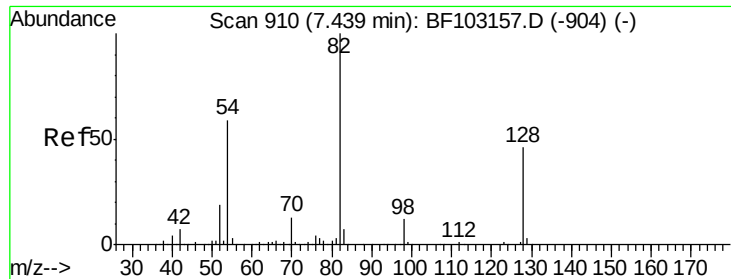
Abundance Ion 105.00 (104.70 to 105.70): E

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

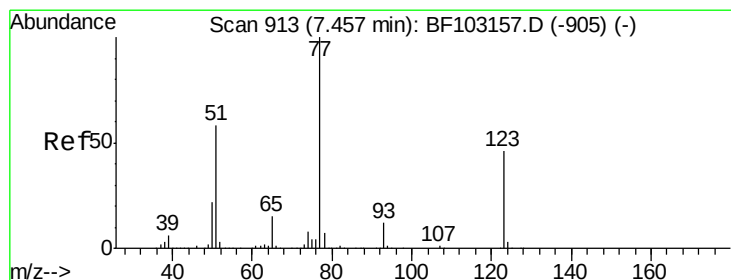
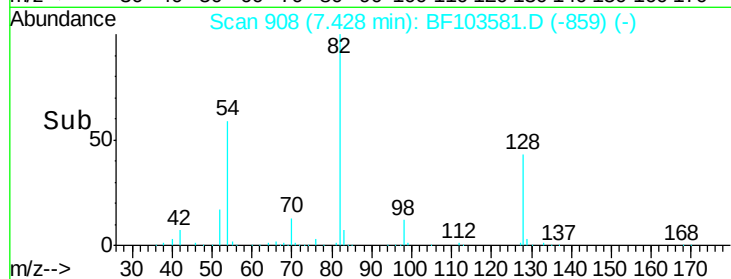
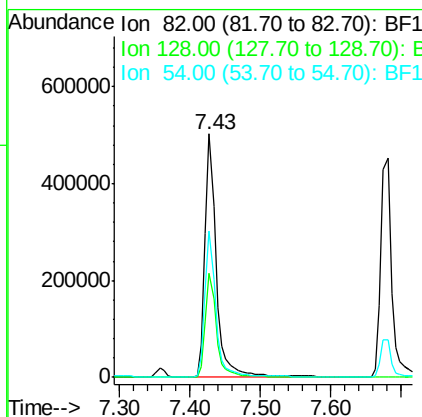
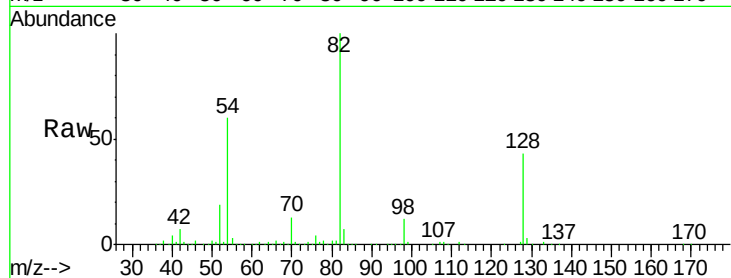




#23
 Nitrobenzene-d5
 Concen: 63.092 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

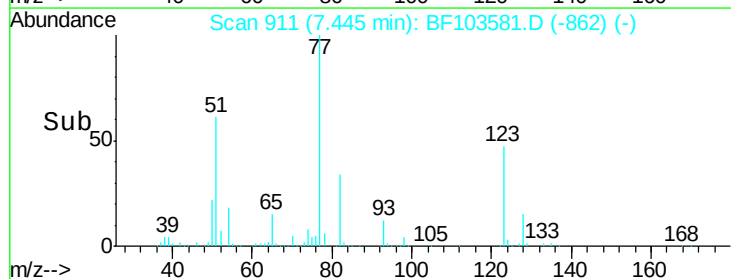
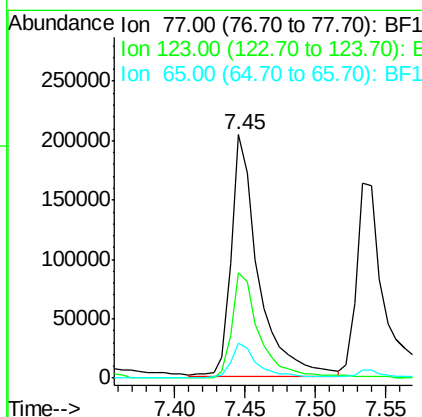
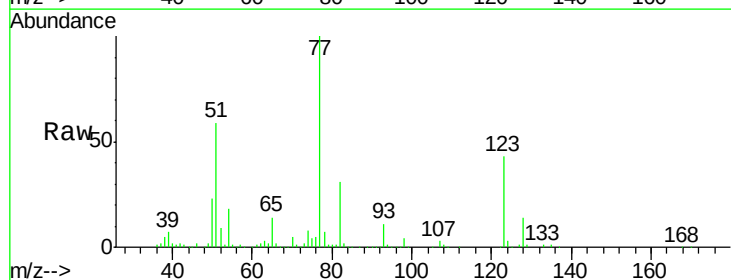
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

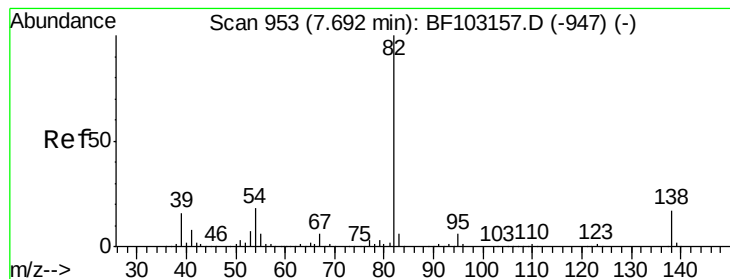
Tgt Ion: 82 Resp: 572776
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 60.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 27.151 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion: 77 Resp: 271379
 Ion Ratio Lower Upper
 77 100
 123 43.2 37.9 56.9
 65 14.4 11.0 16.4





#25

Isophorone

Concen: 27.957 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

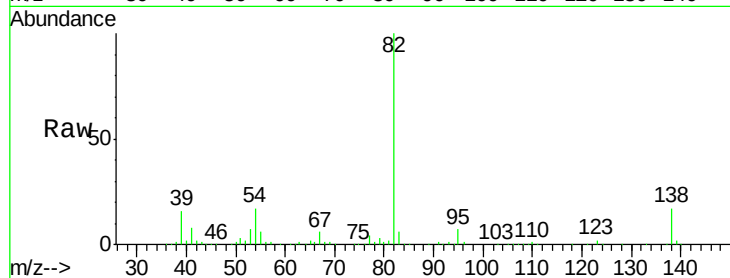
Tgt Ion: 82 Resp: 499870

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

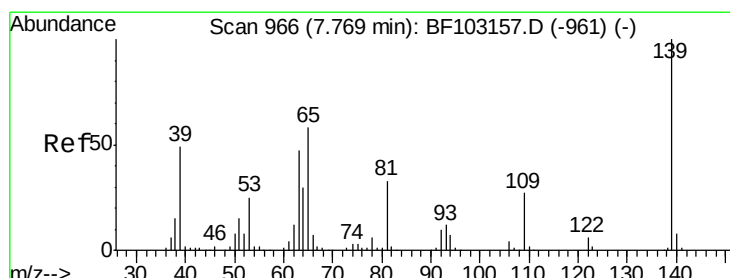
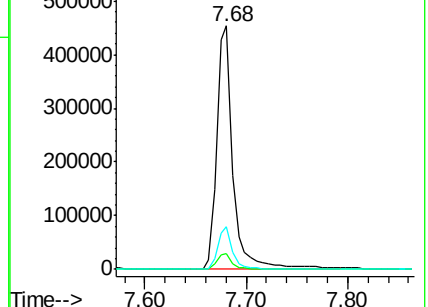
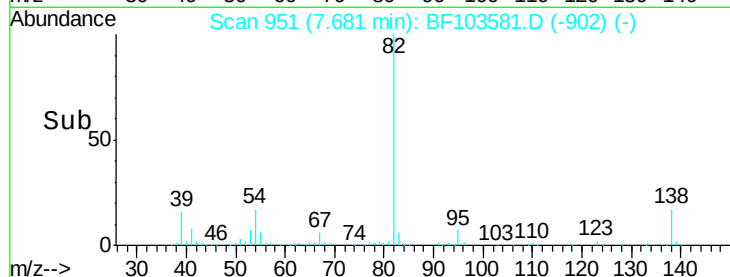
138 17.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 21.807 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

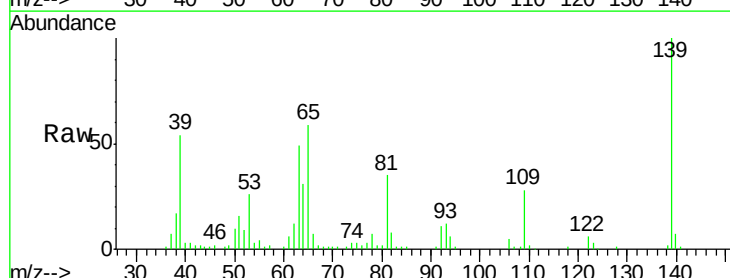
Tgt Ion: 139 Resp: 102612

Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

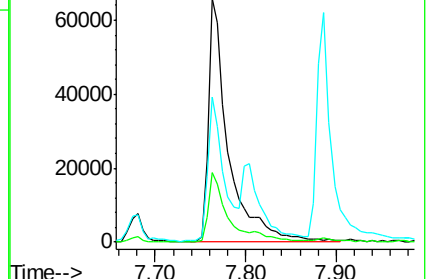
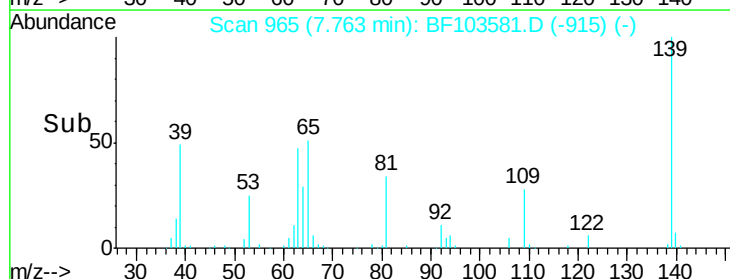
65 59.3 40.5 60.7

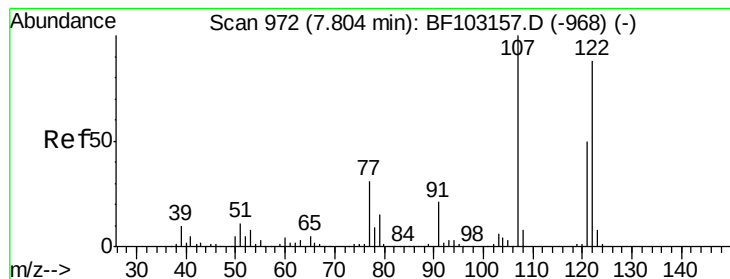


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 30.489 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

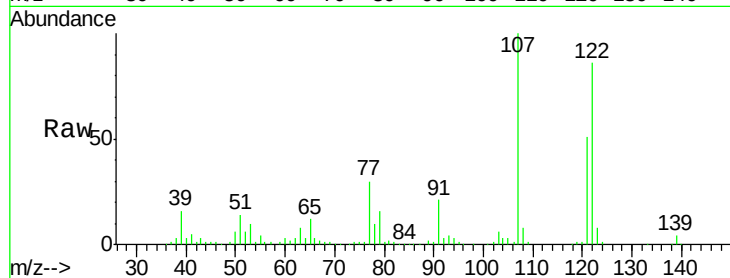
Tgt Ion:122 Resp: 219289

Ion Ratio Lower Upper

122 100

107 116.8 91.2 136.8

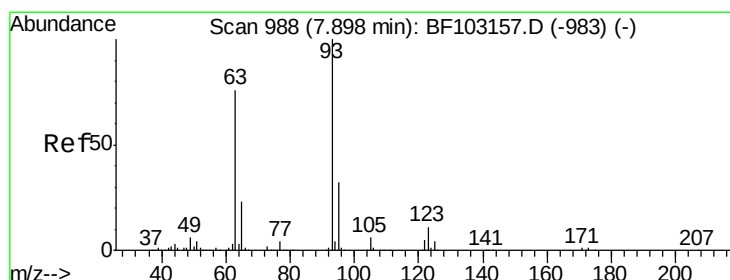
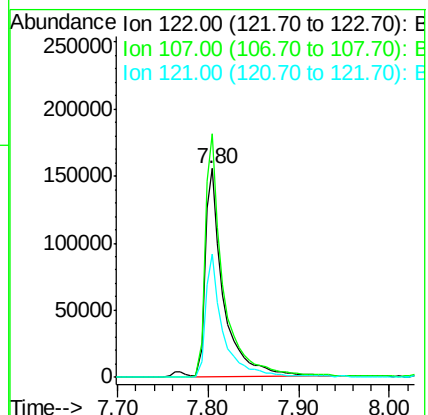
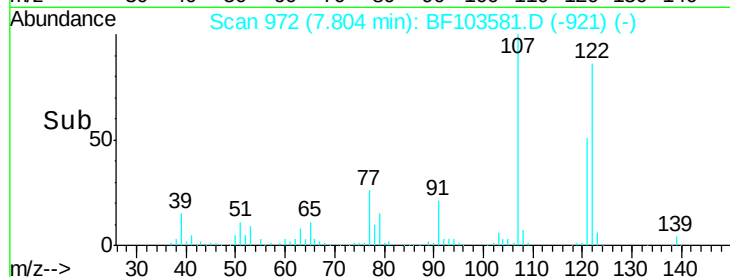
121 59.4 47.2 70.8



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: 30.082 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

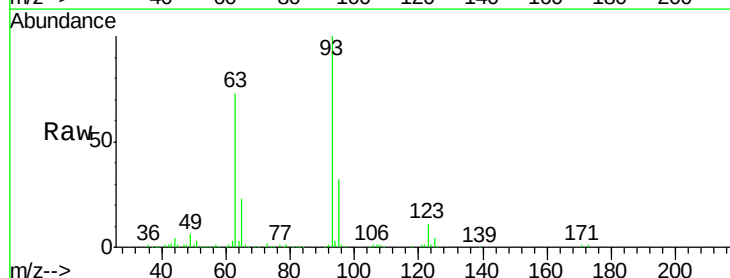
Tgt Ion: 93 Resp: 316229

Ion Ratio Lower Upper

93 100

95 31.7 26.3 39.5

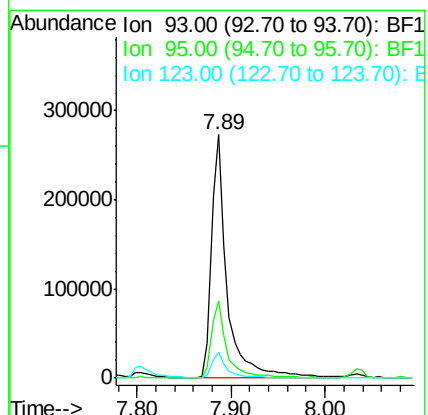
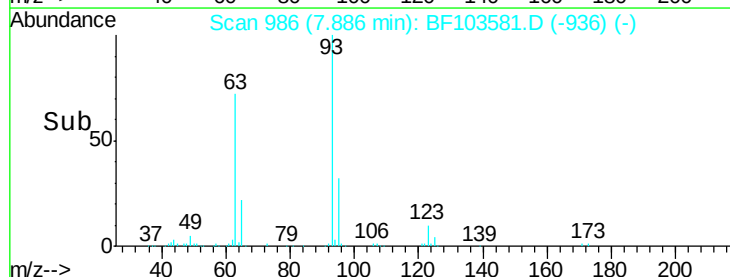
123 10.8 9.8 14.6

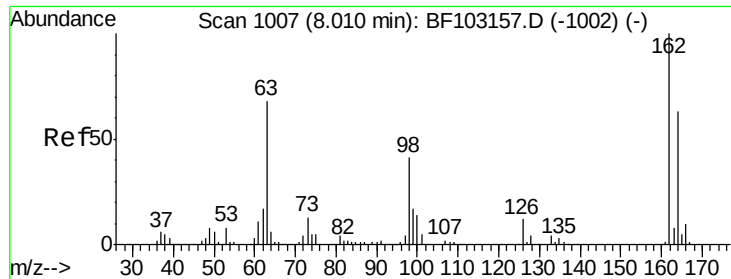


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

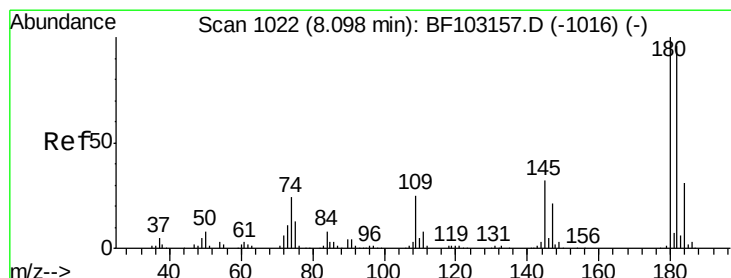
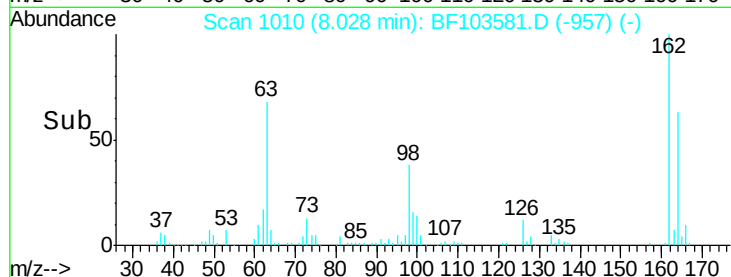
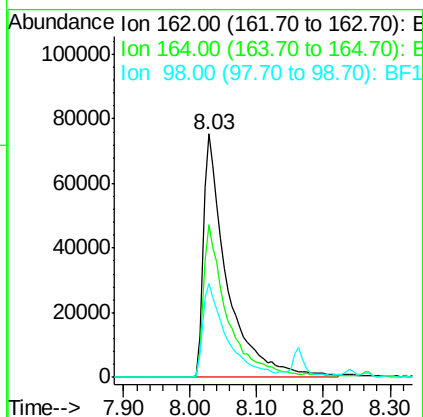
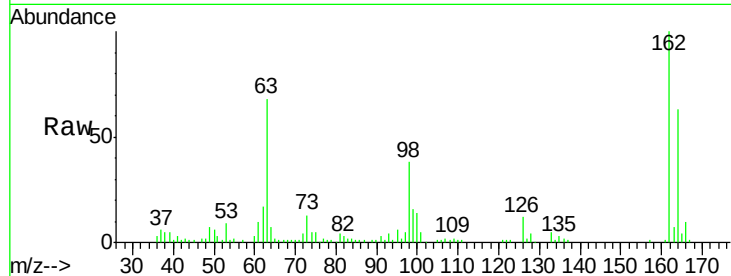




#29
 2,4-Dichlorophenol
 Concen: 26.764 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

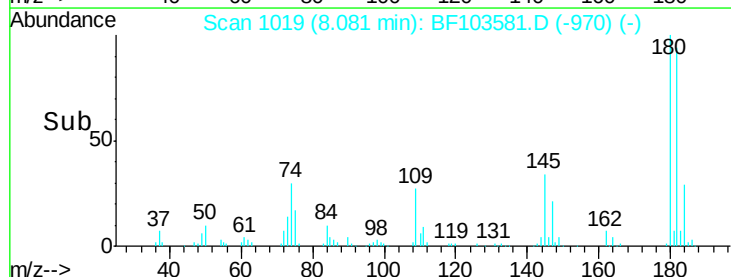
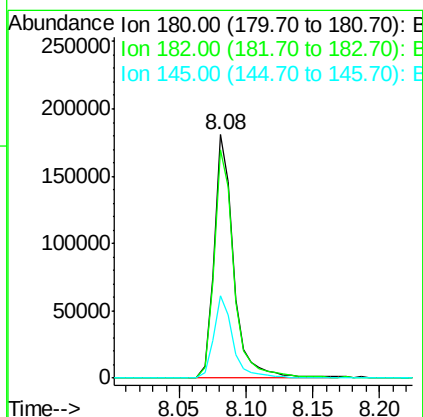
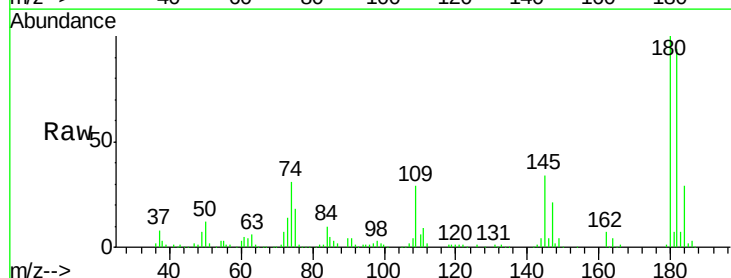
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

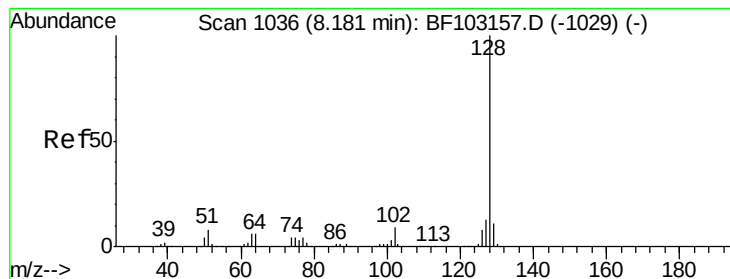
Tgt Ion:162 Resp: 184300
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.7 82.7
 98 38.3 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 25.600 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion:180 Resp: 187723
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.8 115.2
 145 33.7 26.5 39.7





#31

Naphthalene

Concen: 28.305 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

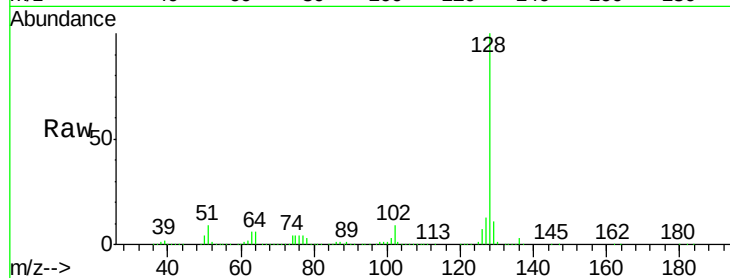
Tgt Ion:128 Resp: 718441

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

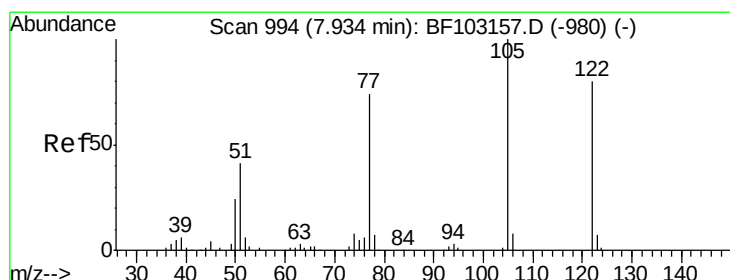
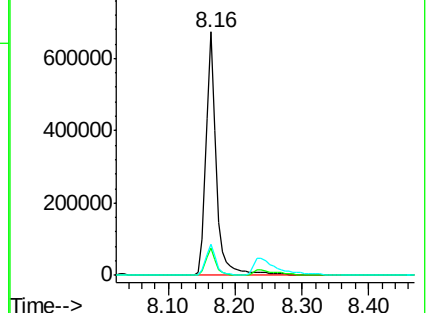
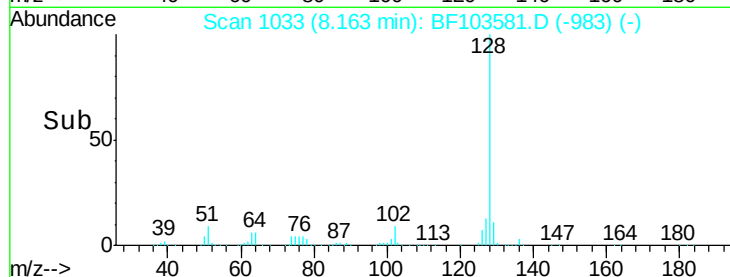
127 13.0 10.9 16.3



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: 42.090 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.16 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

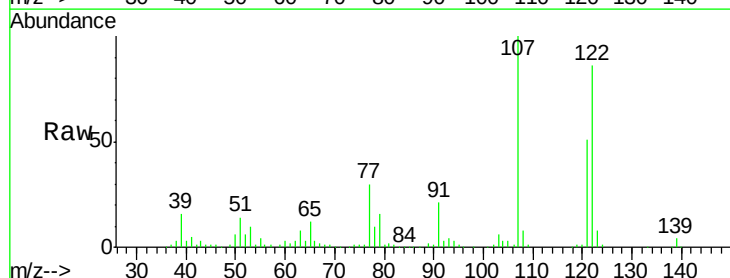
Tgt Ion:122 Resp: 219289

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

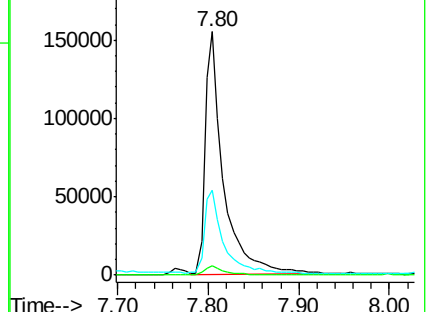
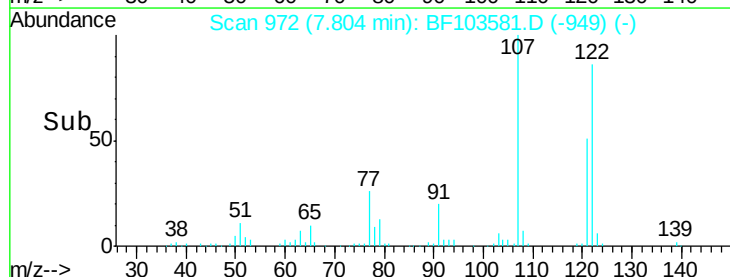
77 35.0 70.7 110.7#

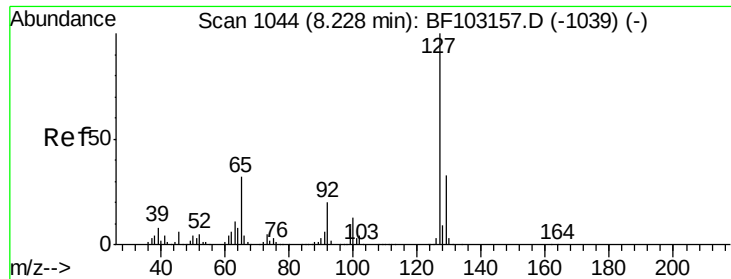


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

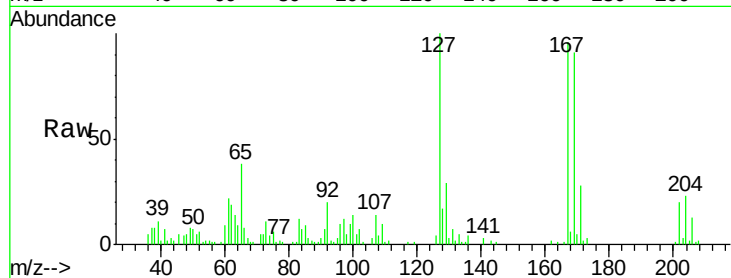




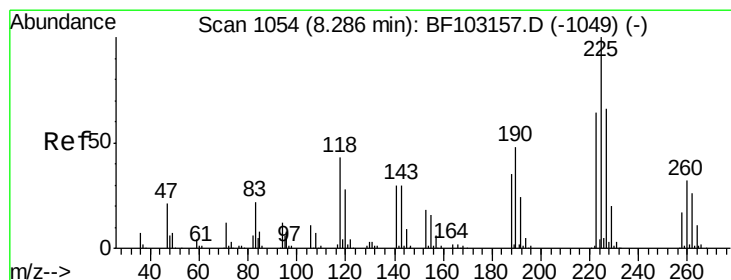
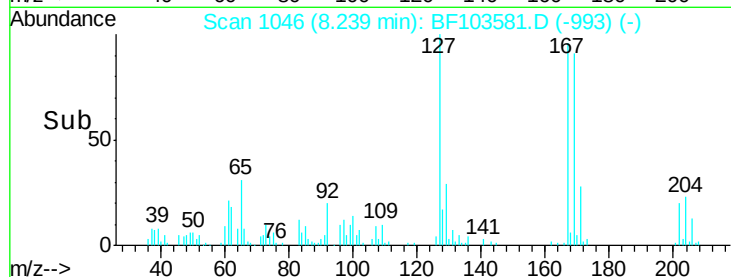
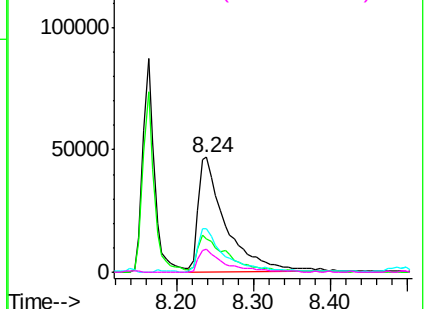
#33
4-Chloroaniline
Concen: 10.579 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tgt Ion:	127	Resp:	115871
Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.9	38.9
65	37.5	25.0	37.4#
92	19.6	15.2	22.8

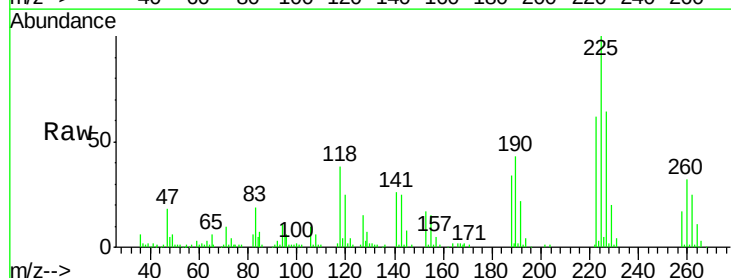


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

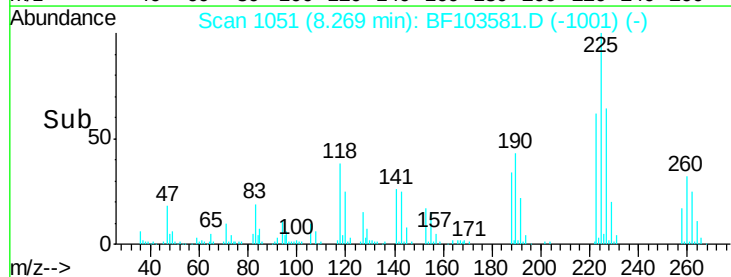
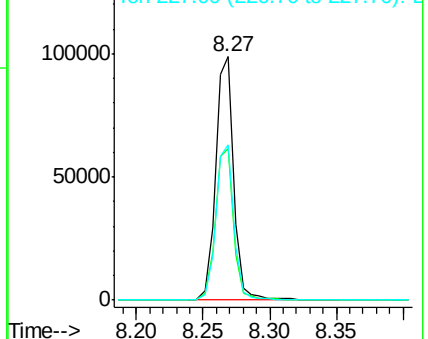


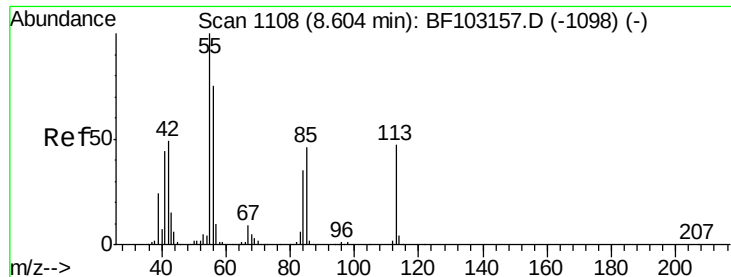
#34
Hexachlorobutadiene
Concen: 24.697 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion:	225	Resp:	94307
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.5	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

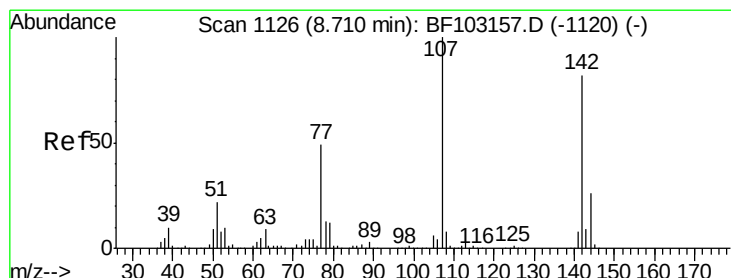
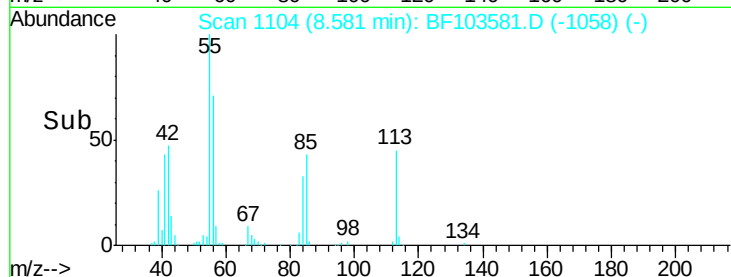
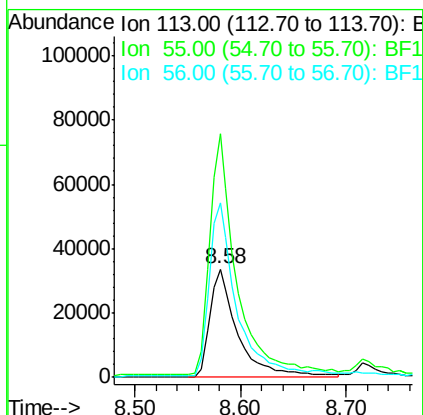
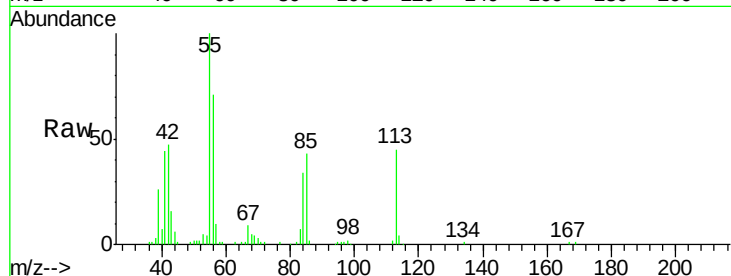




#35
 Caprolactam
 Concen: 26.069 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.03 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

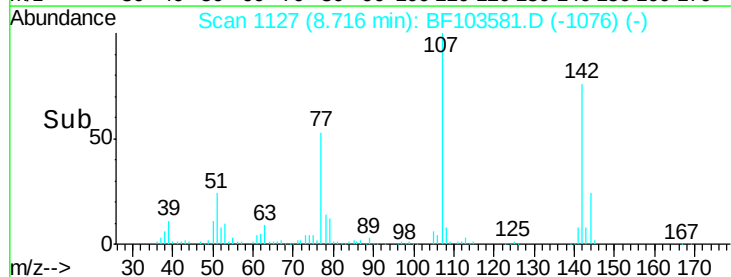
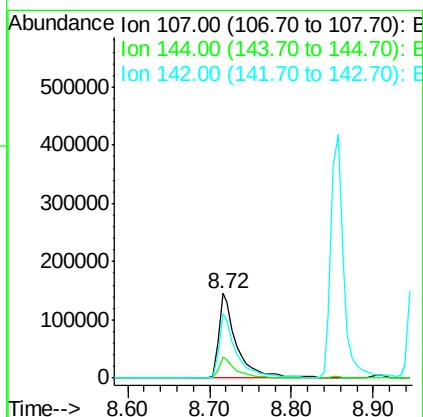
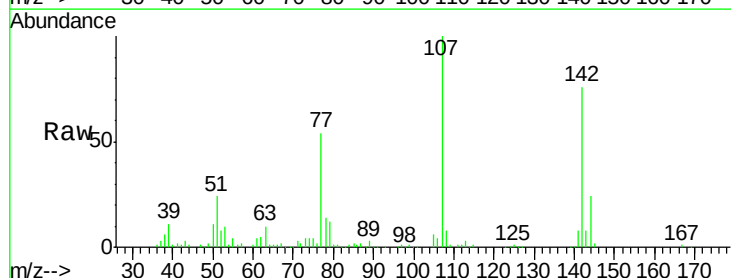
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

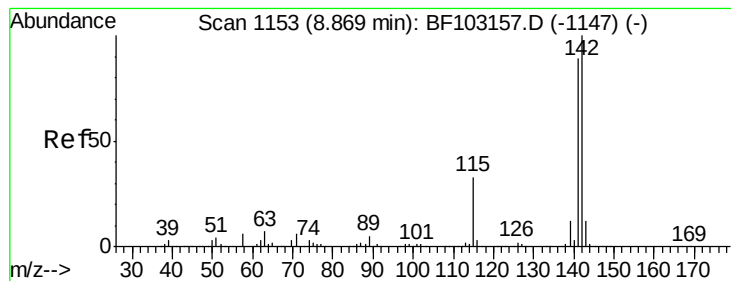
Tgt Ion:113 Resp: 63092
 Ion Ratio Lower Upper
 113 100
 55 224.5 163.3 203.3#
 56 160.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 28.736 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion:107 Resp: 223194
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.5 30.7
 142 75.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 27.212 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

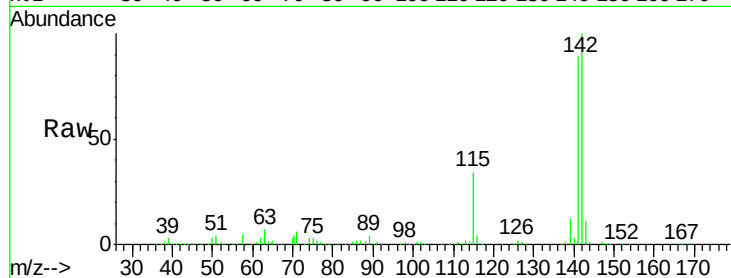
Tgt Ion:142 Resp: 446392

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

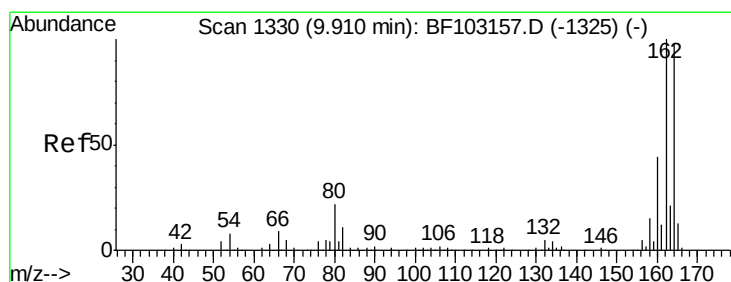
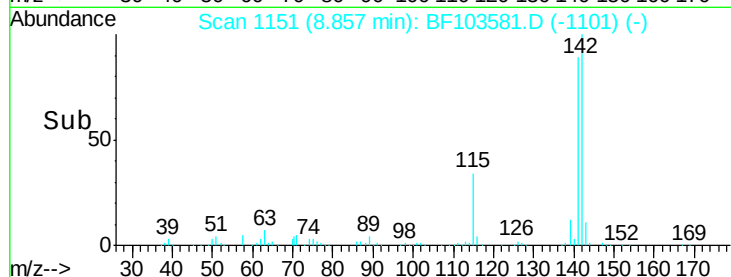
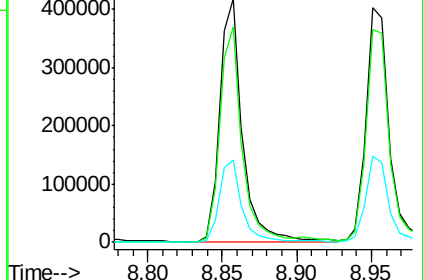
115 34.0 26.1 39.1



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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

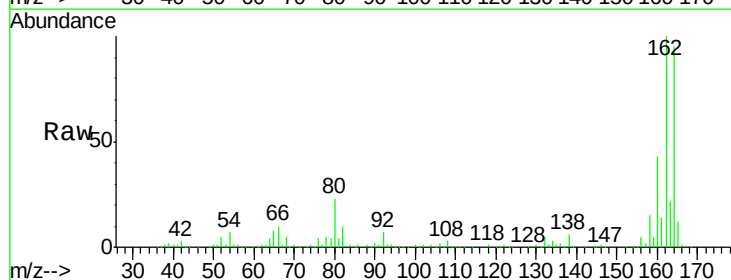
Tgt Ion:164 Resp: 219643

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

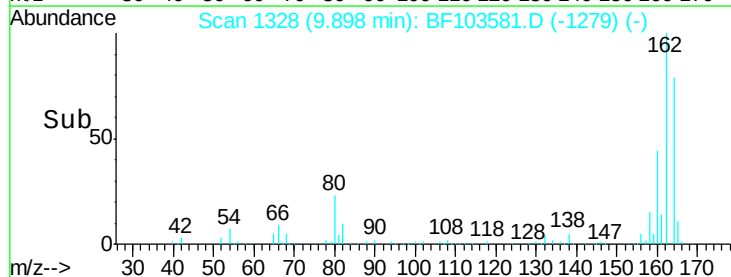
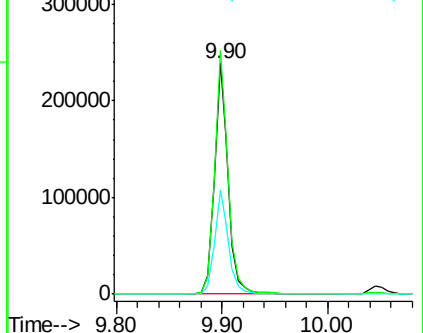
160 45.4 38.3 57.5

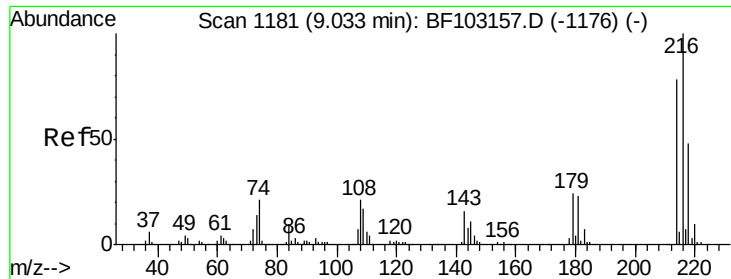


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

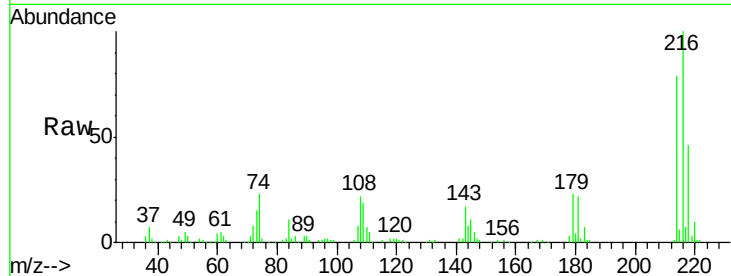




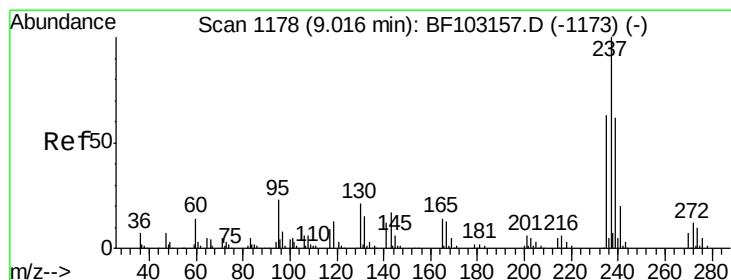
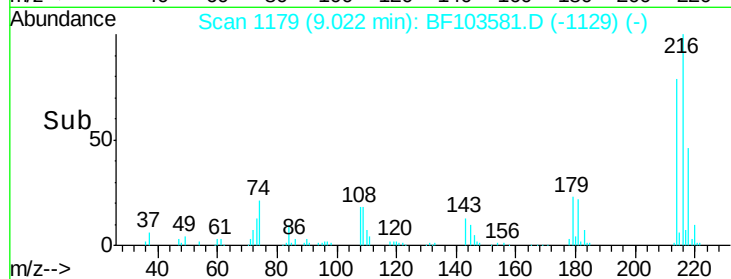
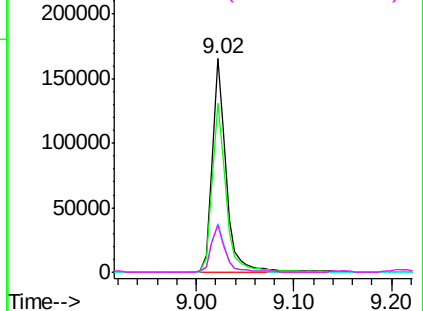
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.329 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tgt Ion:	216	Resp:	164100
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	23.0	18.1	27.1
108	22.8	17.2	25.8

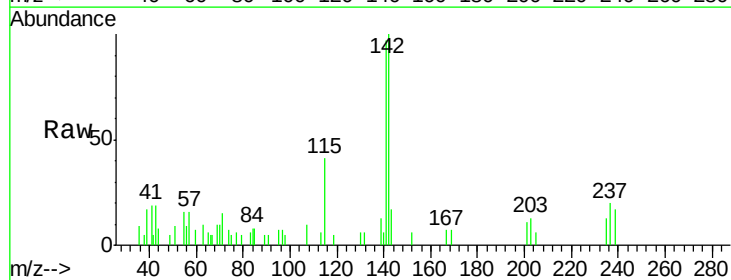


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

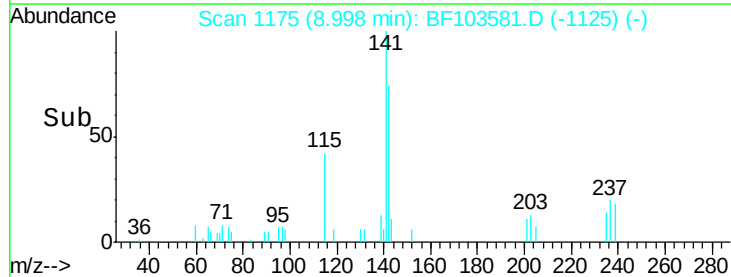
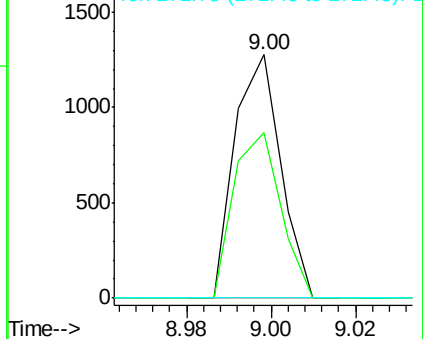


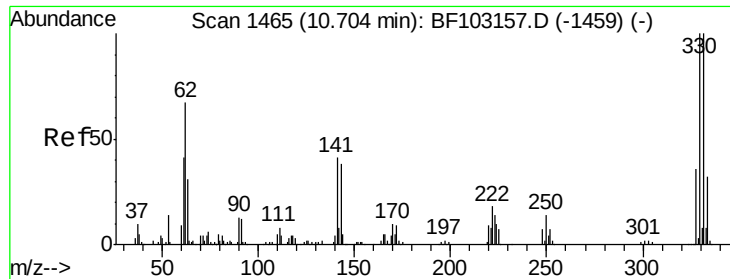
#40
 Hexachlorocyclopentadiene
 Concen: 9.285 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion:	237	Resp:	961
Ion	Ratio	Lower	Upper
237	100		
235	67.9	44.8	84.8
272	0.0	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

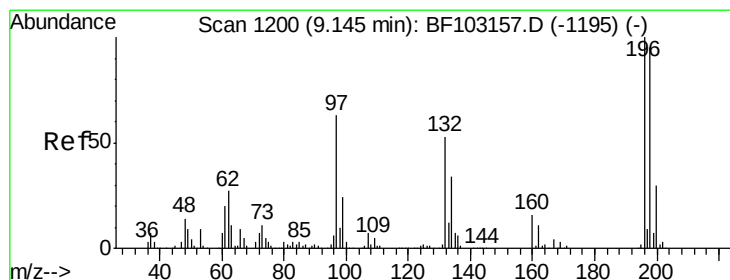
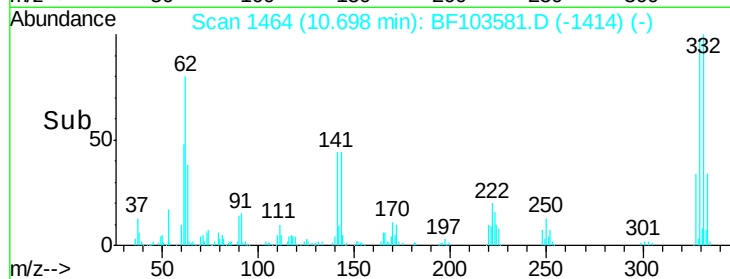
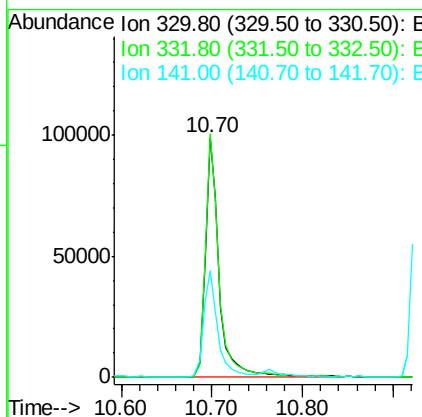
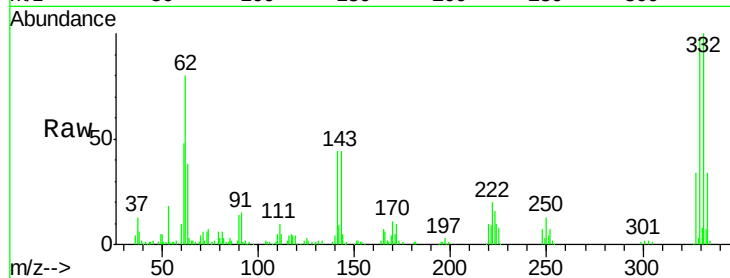




#41
 2,4,6-Tribromophenol
 Concen: 57.749 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

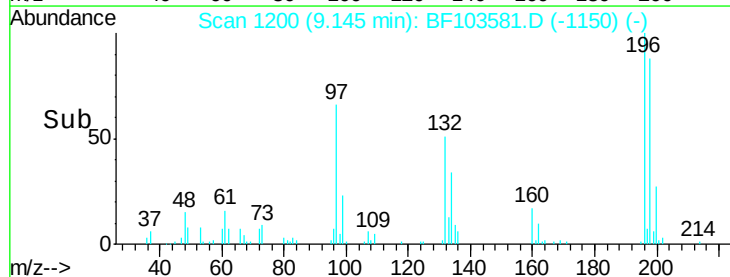
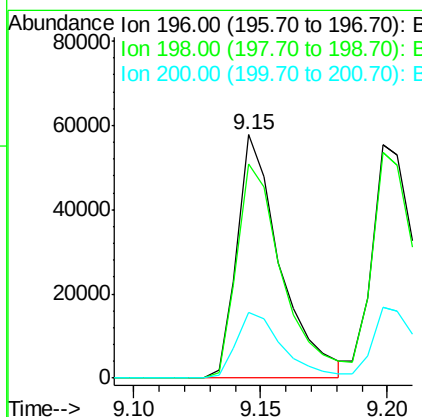
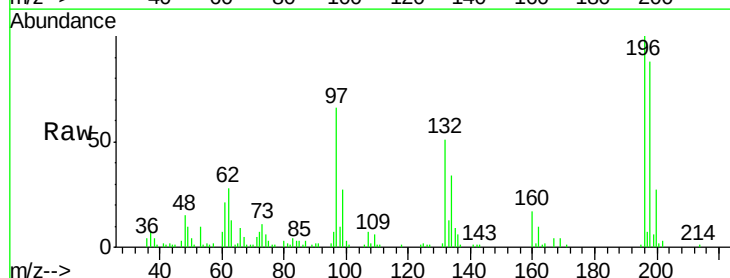
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

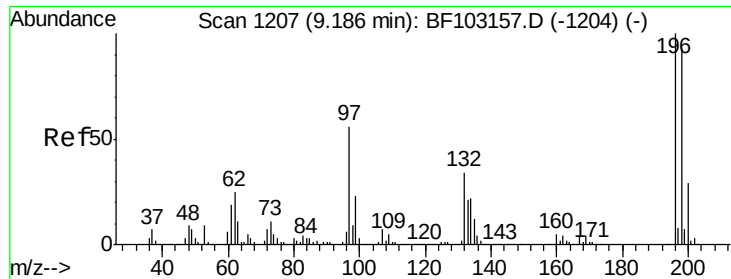
Tgt Ion:330 Resp: 107365
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 45.1 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 16.937 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion:196 Resp: 68432
 Ion Ratio Lower Upper
 196 100
 198 88.2 75.7 113.5
 200 27.0 24.5 36.7

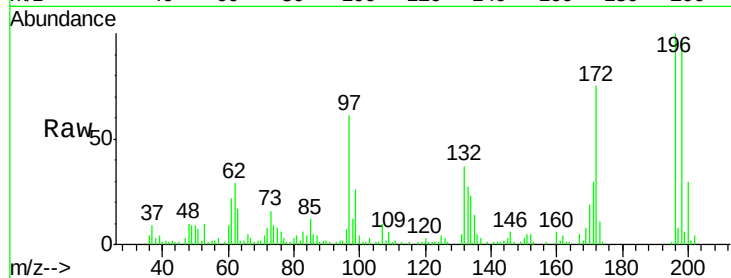




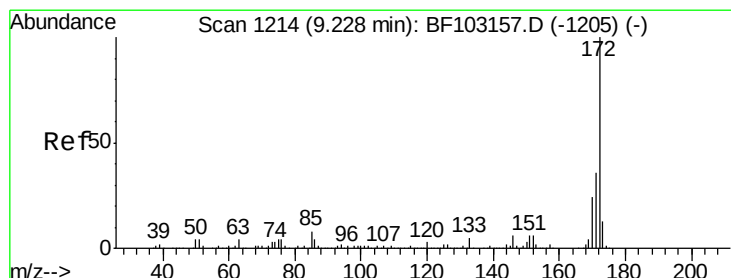
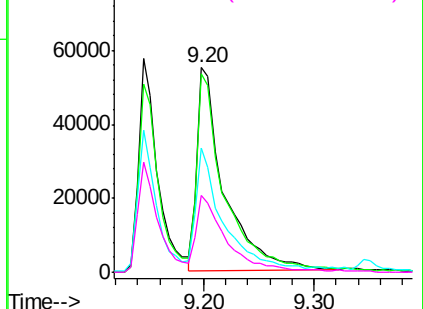
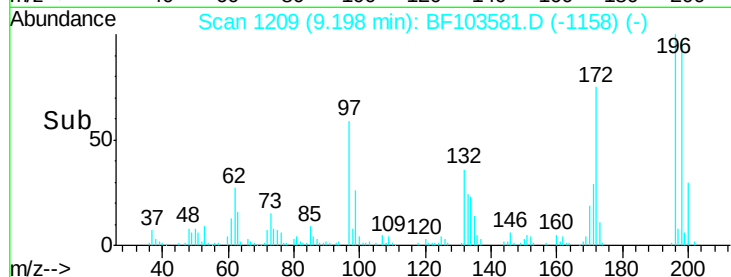
#43
 2,4,5-Trichlorophenol
 Concen: 20.184 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tgt Ion:196 Resp: 93797
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.6 112.0
 97 61.1 42.9 64.3
 132 37.5 26.3 39.5

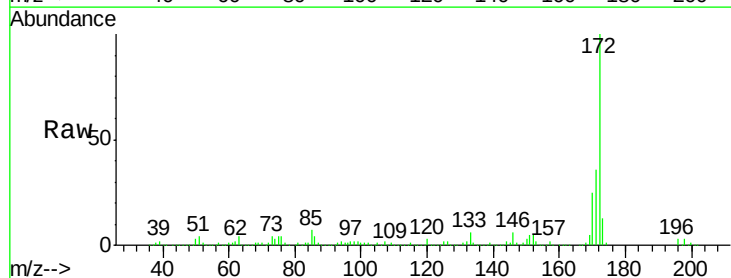


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

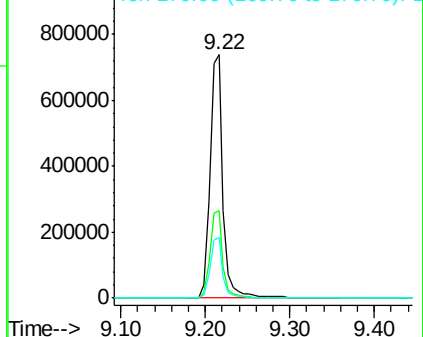
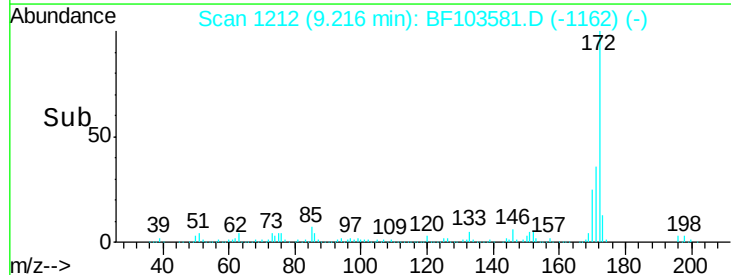


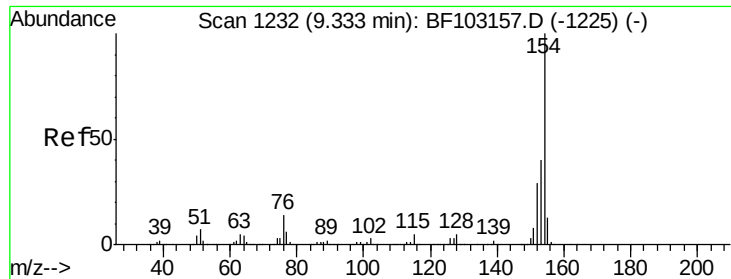
#44
 2-Fluorobiphenyl
 Concen: 57.619 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion:172 Resp: 795092
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.7 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

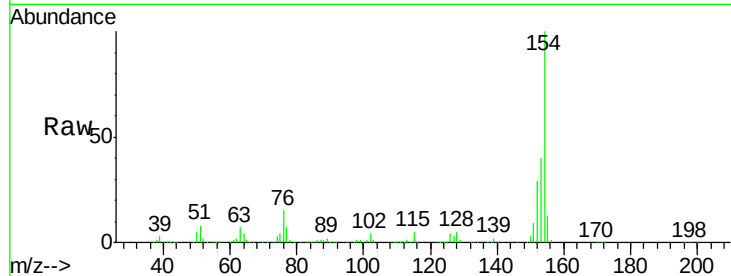




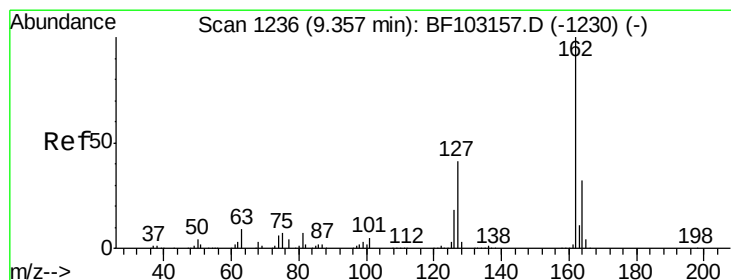
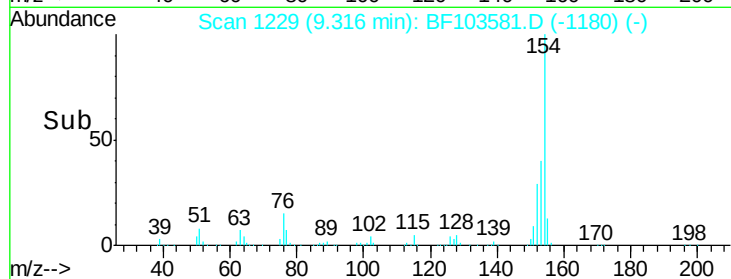
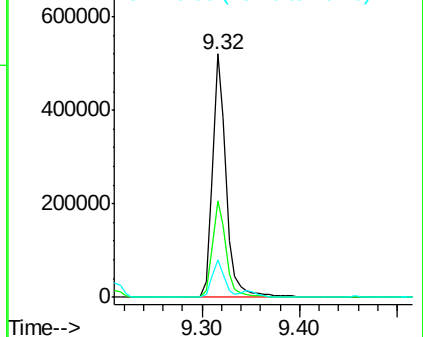
#45
 1,1'-Biphenyl
 Concen: 27.405 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tgt Ion:	154	Resp:	504386
Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.3	61.3
76	15.2	0.0	34.0

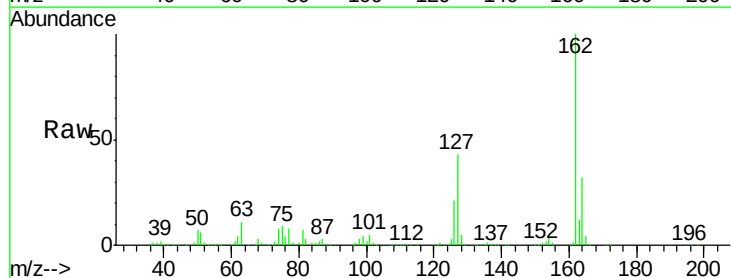


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

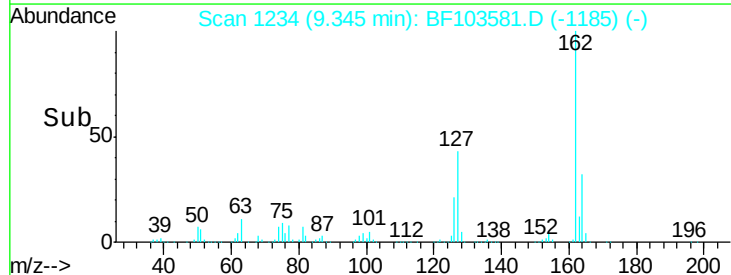
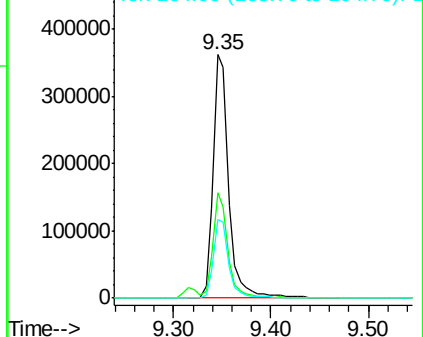


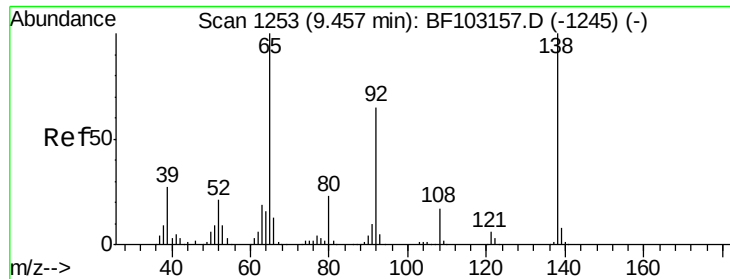
#46
 2-Chloronaphthalene
 Concen: 27.495 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion:	162	Resp:	400355
Ion	Ratio	Lower	Upper
162	100		
127	43.1	33.9	50.9
164	32.0	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: 29.291 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

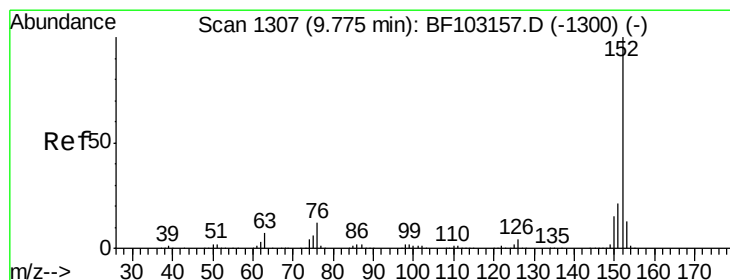
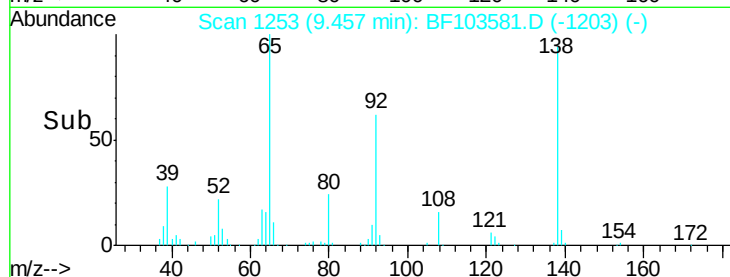
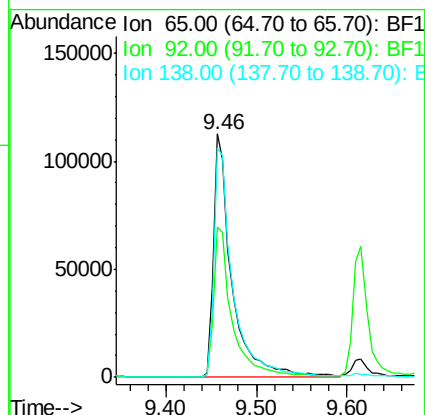
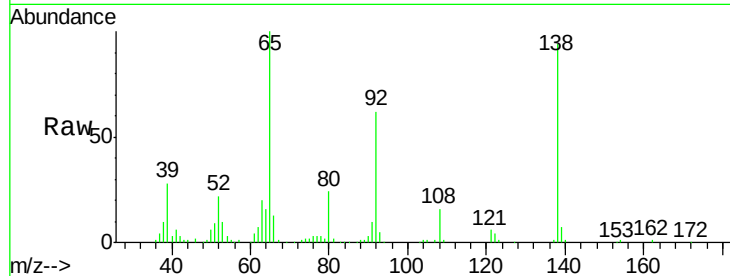
Tgt Ion: 65 Resp: 157982

Ion Ratio Lower Upper

65 100

92 61.6 55.8 83.6

138 94.1 91.2 136.8



#48

Acenaphthylene

Concen: 26.967 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

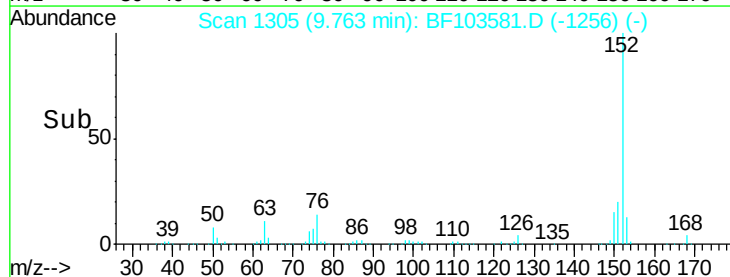
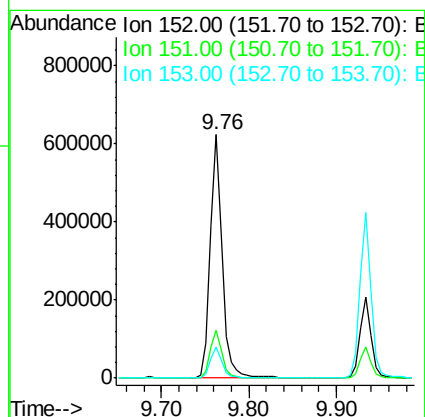
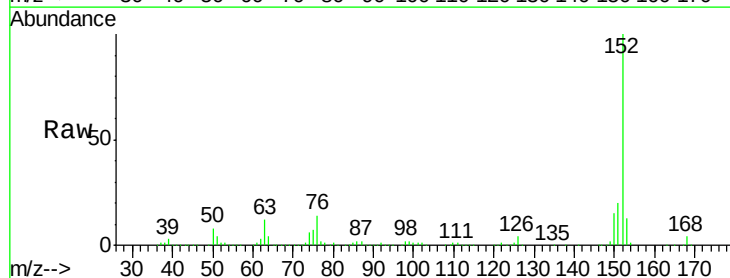
Tgt Ion: 152 Resp: 604161

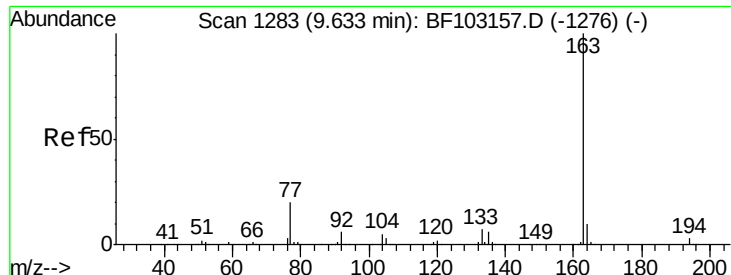
Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

153 12.8 10.7 16.1

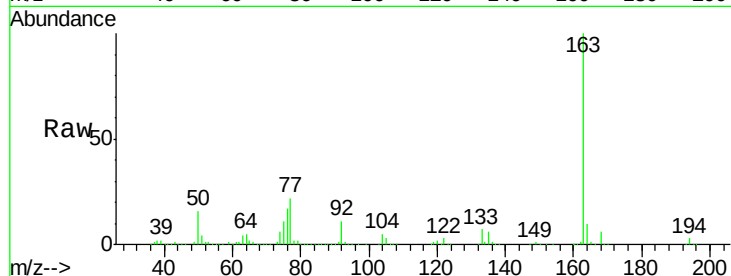




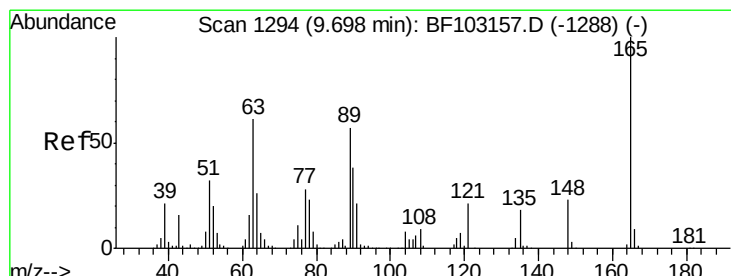
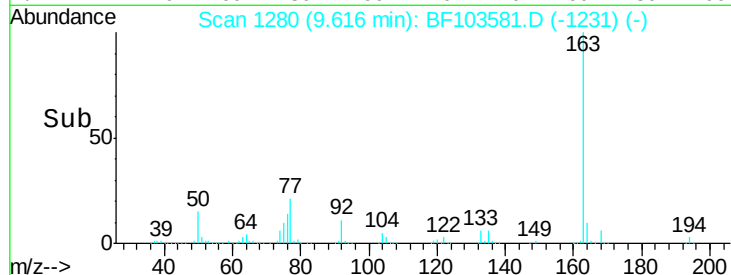
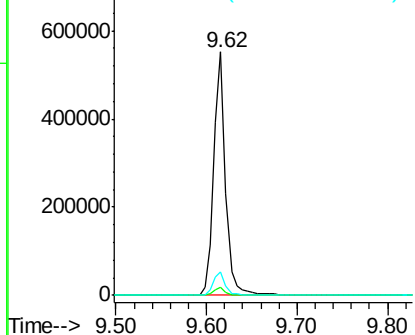
#49
Dimethylphthalate
Concen: 28.911 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tgt Ion:163 Resp: 509417
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.7 8.2 12.2

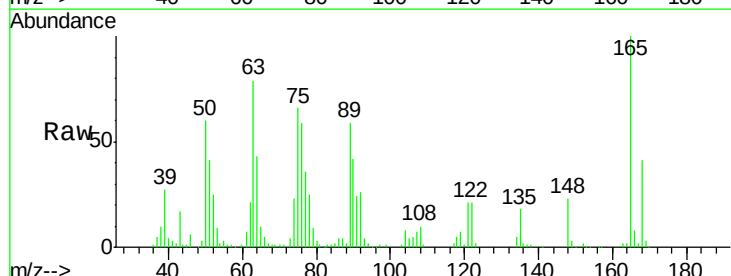


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

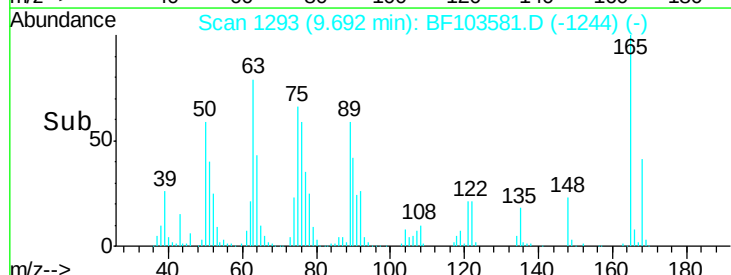
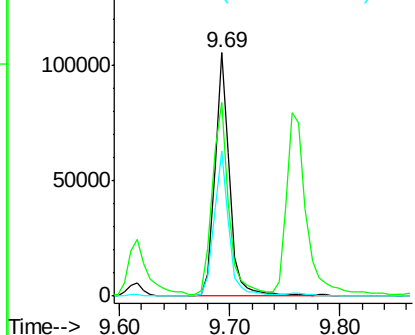


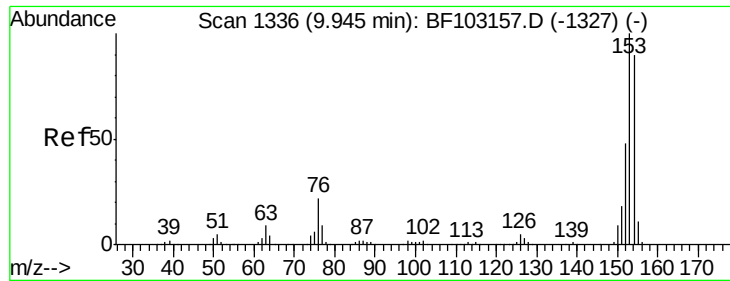
#50
2,6-Dinitrotoluene
Concen: 26.070 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion:165 Resp: 96396
Ion Ratio Lower Upper
165 100
63 79.4 44.7 67.1#
89 59.4 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 26.448 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

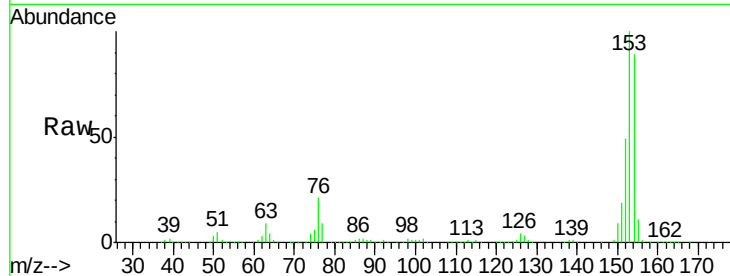
Tgt Ion:154 Resp: 345506

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

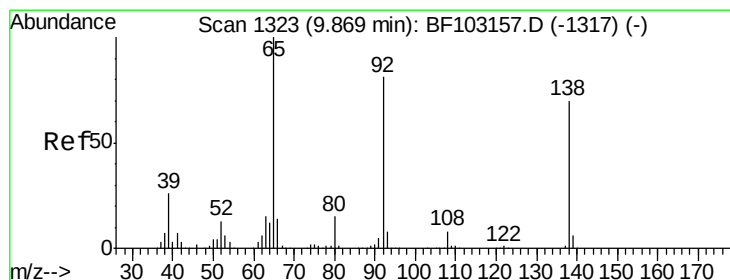
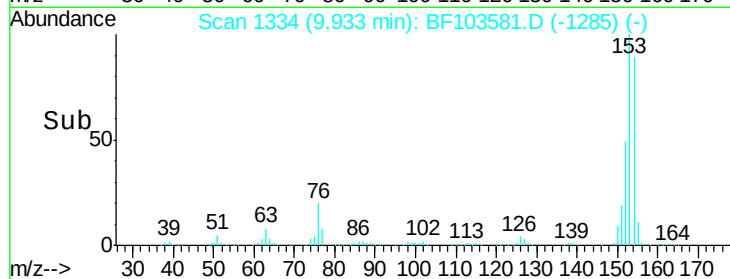
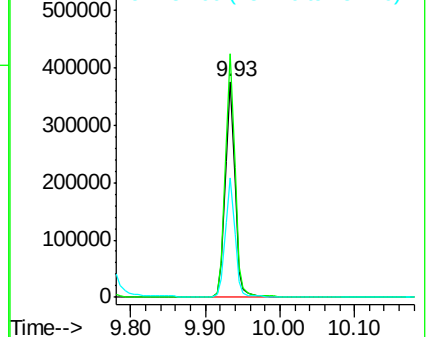
152 55.2 43.8 65.8



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: 19.046 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

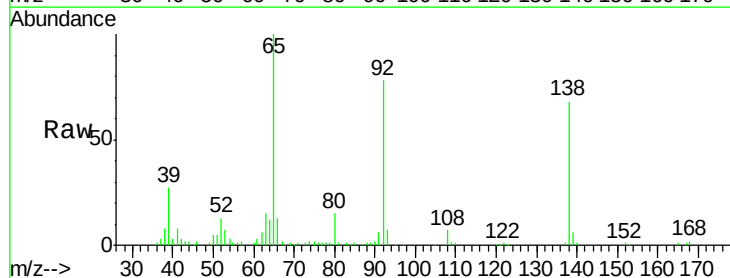
Tgt Ion:138 Resp: 89349

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

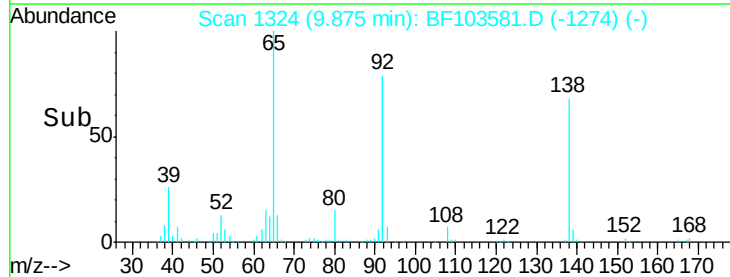
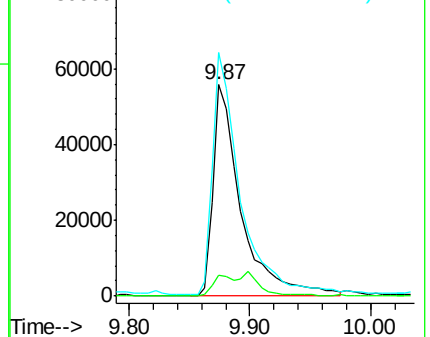
92 115.2 89.4 134.2

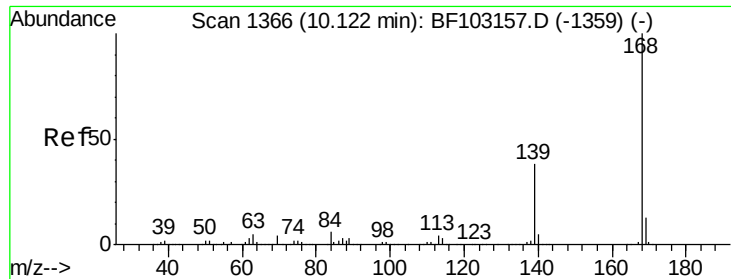


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzofuran

Concen: 28.524 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

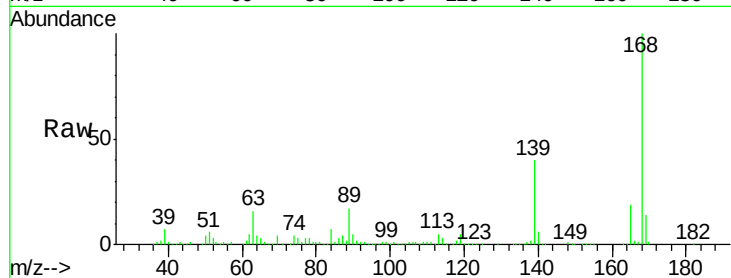
Tgt Ion:168 Resp: 511529

Ion Ratio Lower Upper

168 100

139 40.2 30.1 45.1

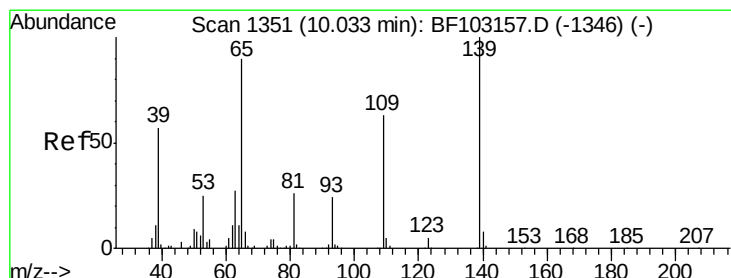
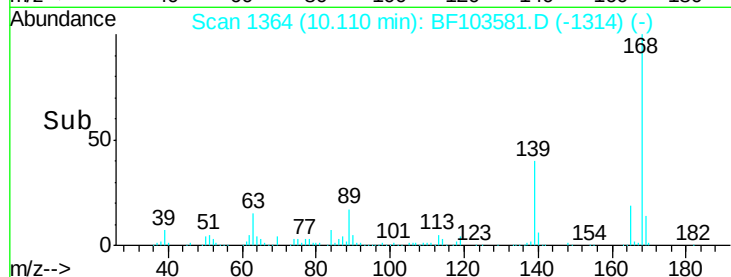
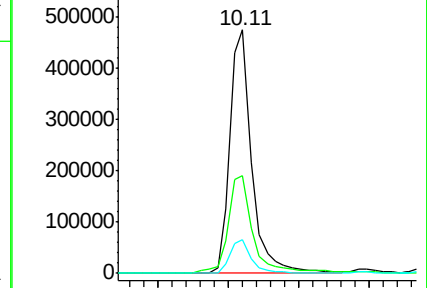
169 13.6 10.9 16.3



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: 84.272 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.05 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

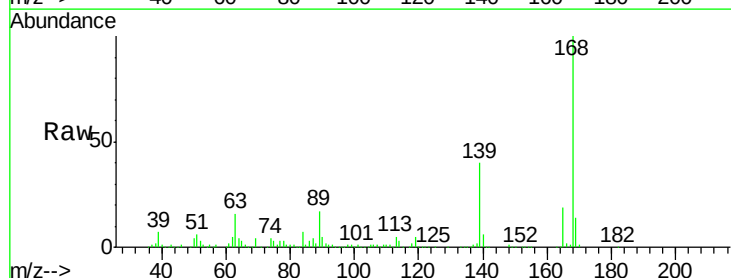
Tgt Ion:139 Resp: 245023

Ion Ratio Lower Upper

139 100

109 3.0 48.4 88.4#

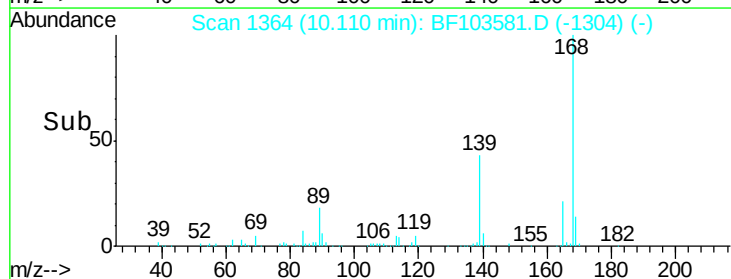
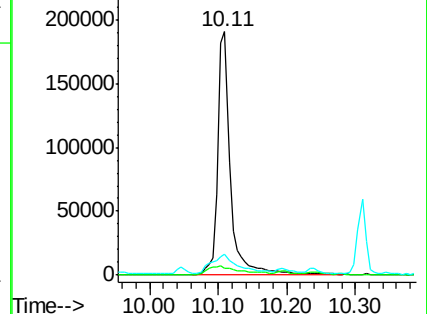
65 8.4 72.6 112.6#

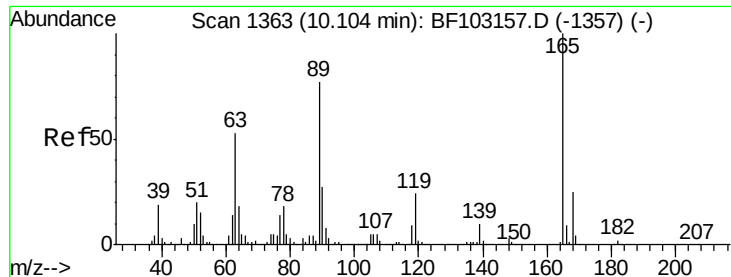


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 25.274 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

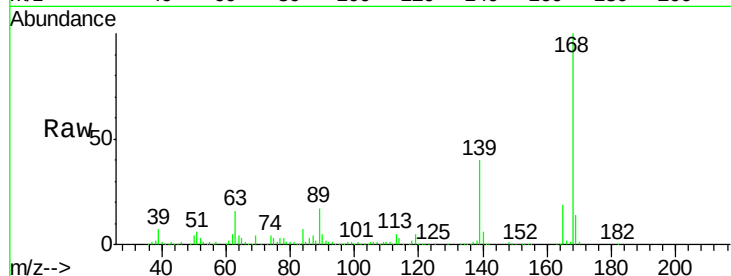
Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

Tgt Ion:	165	Resp:	118192
Ion	Ratio	Lower	Upper
165	100		
63	81.6	36.4	54.6#
89	90.5	57.8	86.6#
182	2.4	1.6	2.4

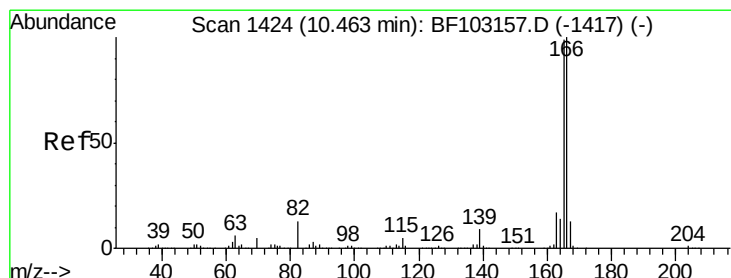
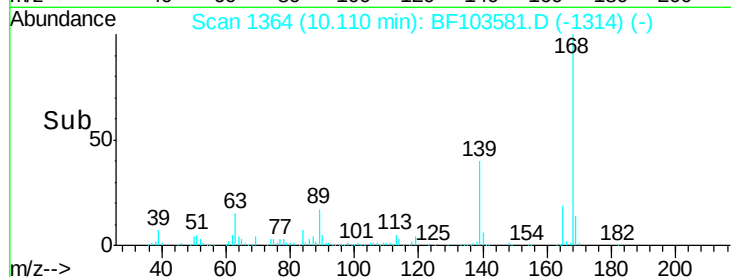
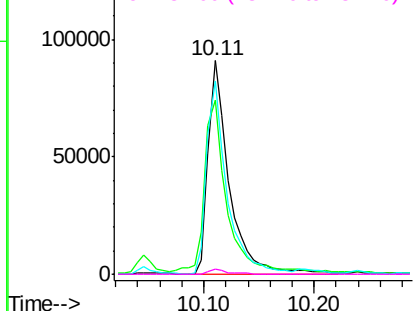


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 26.413 ng

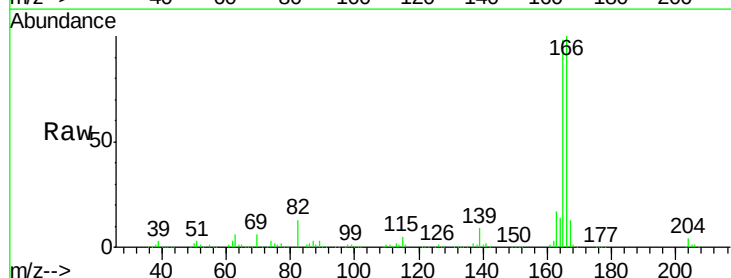
RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

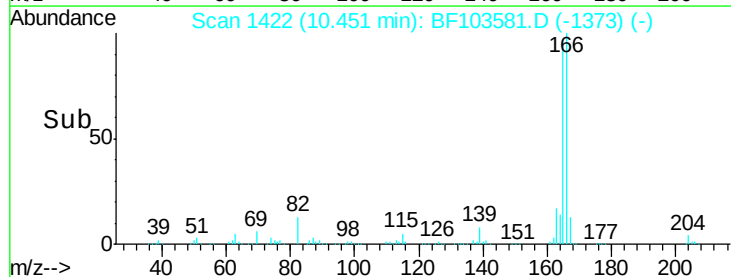
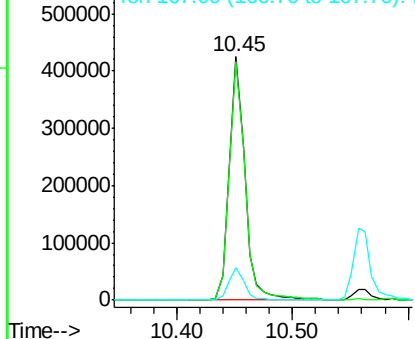
Tgt Ion:	166	Resp:	403495
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.2	10.6	16.0

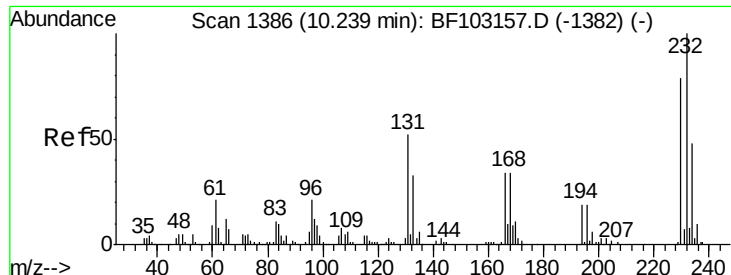


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

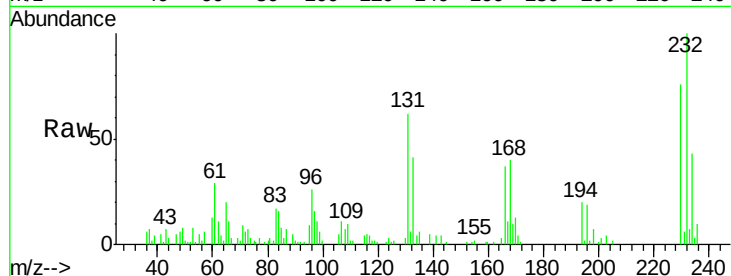




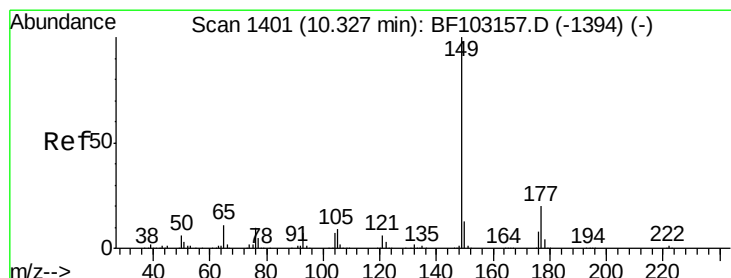
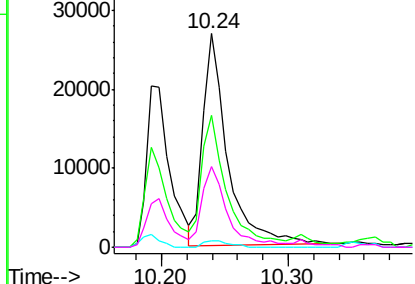
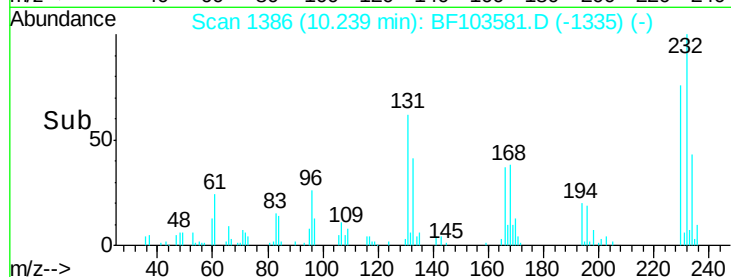
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 11.683 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tgt Ion: 232 Resp: 36471
 Ion Ratio Lower Upper
 232 100
 131 64.5 43.8 65.8
 130 3.3 2.1 3.1#
 166 33.9 27.8 41.6

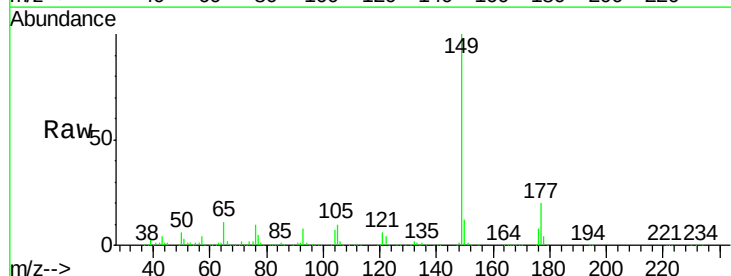


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

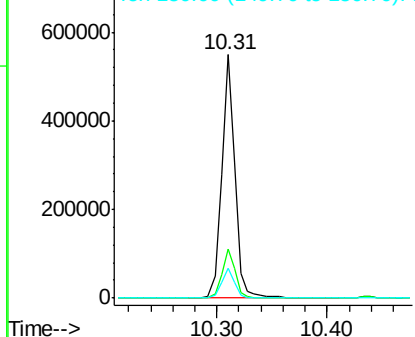
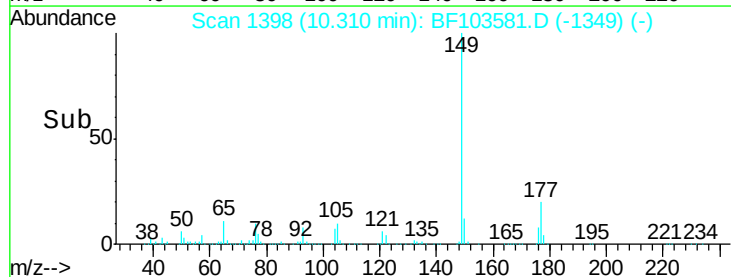


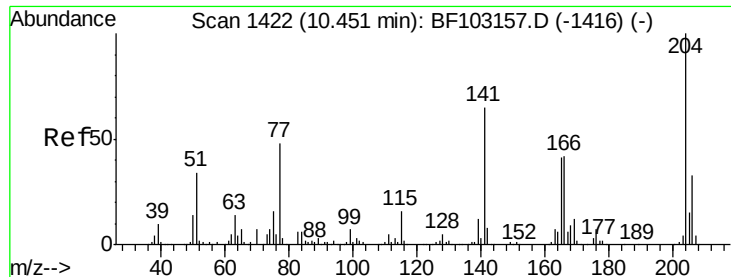
#59
 Diethylphthalate
 Concen: 27.094 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion: 149 Resp: 456596
 Ion Ratio Lower Upper
 149 100
 177 20.1 16.1 24.1
 150 12.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

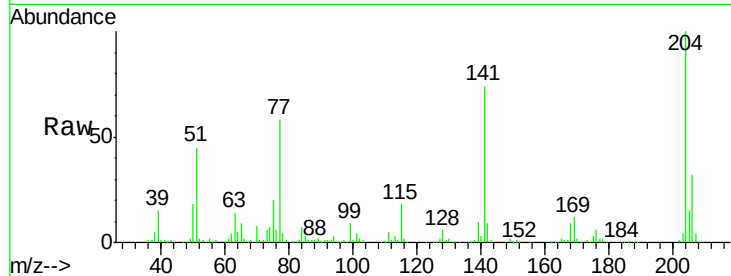




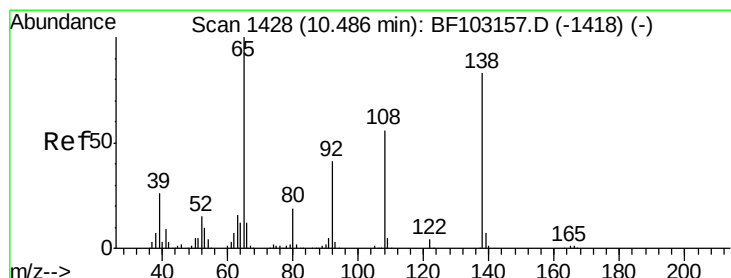
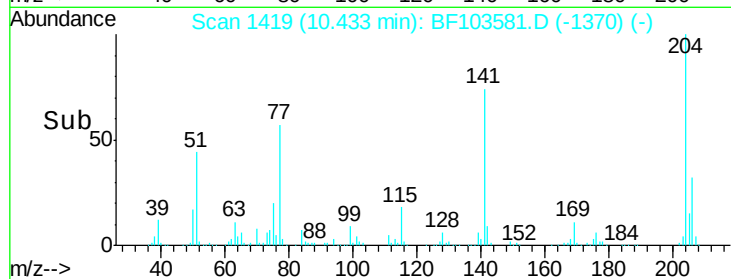
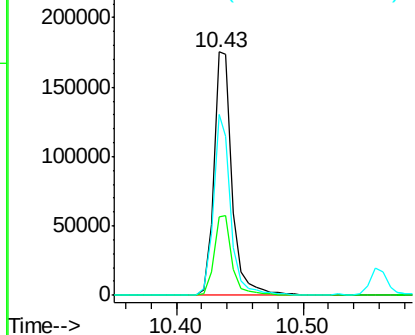
#60
 4-Chlorophenyl-phenylether
 Concen: 27.644 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tgt Ion: 204 Resp: 179084
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.5 39.7
 141 74.4 54.6 81.8

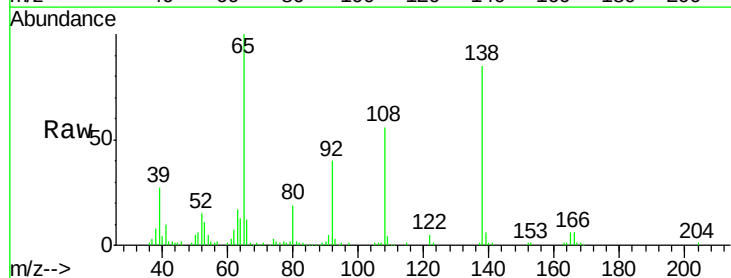


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

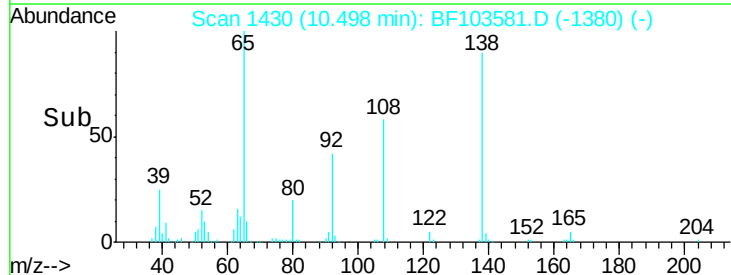
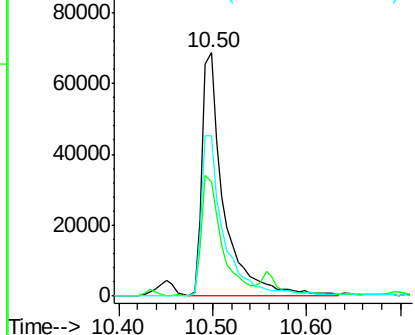


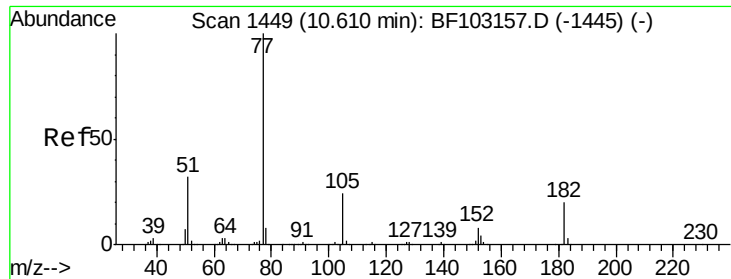
#61
 4-Nitroaniline
 Concen: 23.742 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion: 138 Resp: 111250
 Ion Ratio Lower Upper
 138 100
 92 47.2 30.2 70.2
 108 65.8 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: 27.443 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

Tgt Ion: 77 Resp: 470753

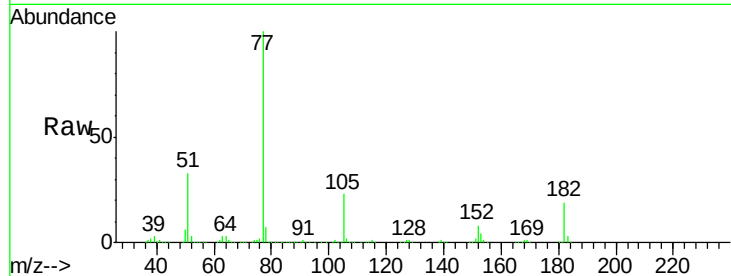
Ion Ratio Lower Upper

77 100

182 18.8 1.7 41.7

105 22.8 3.0 43.0

51 32.6 9.9 49.9

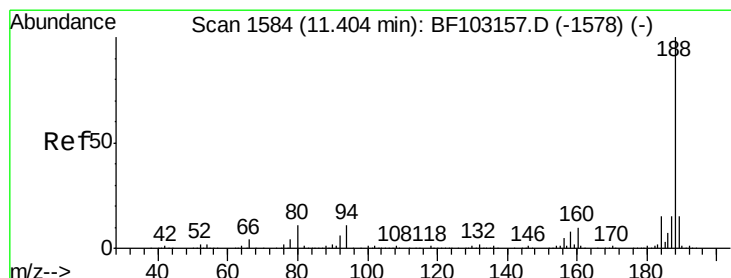
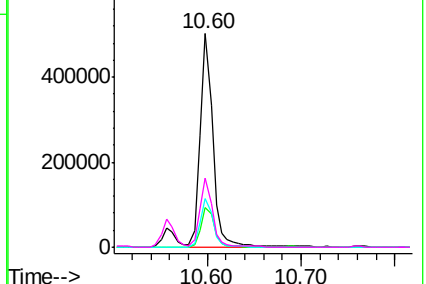
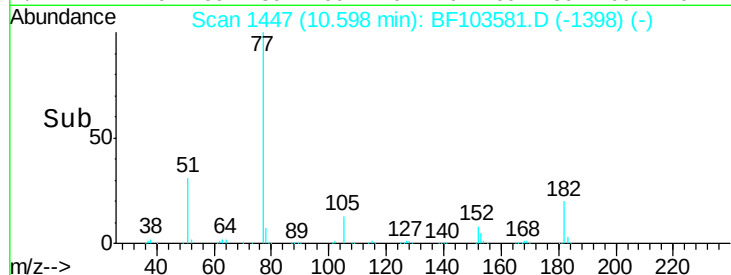


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

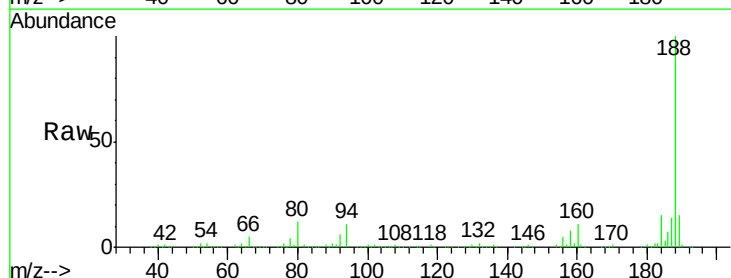
Tgt Ion: 188 Resp: 332399

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

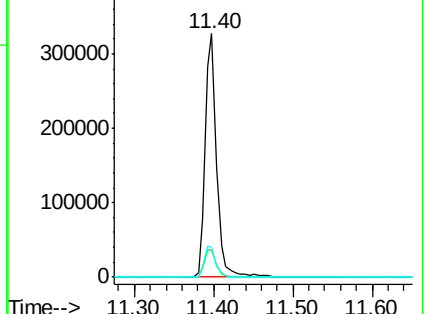
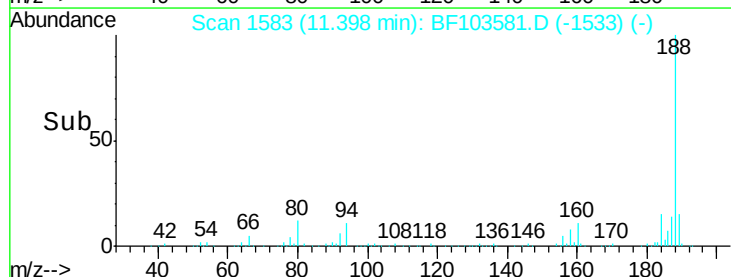
80 12.3 9.2 13.8

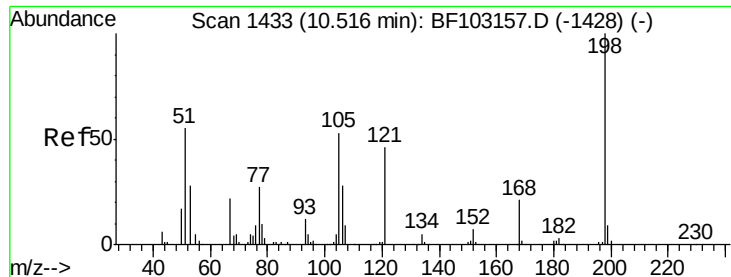


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.286 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.02 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

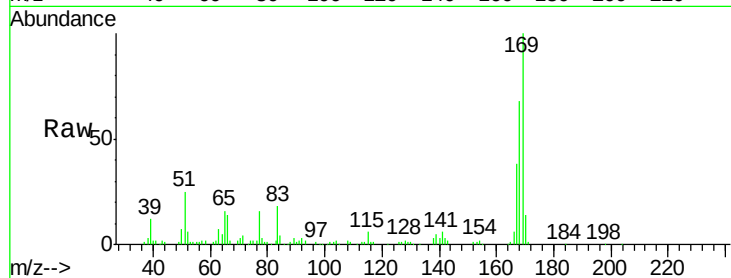
Tgt Ion:198 Resp: 767

Ion Ratio Lower Upper

198 100

51 6309.4 37.7 77.7#

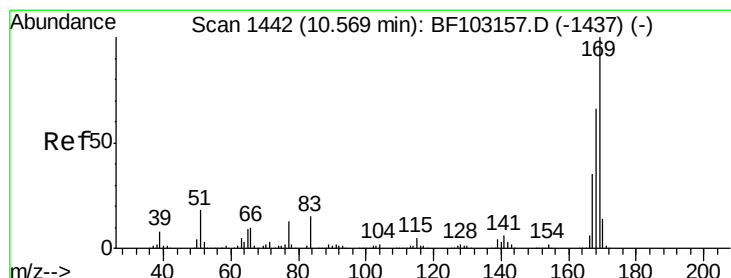
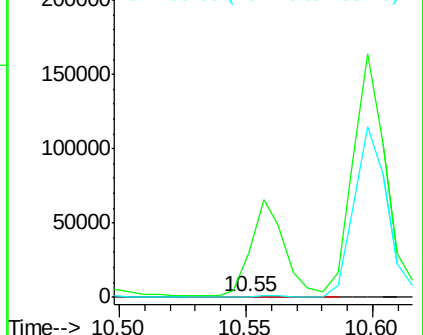
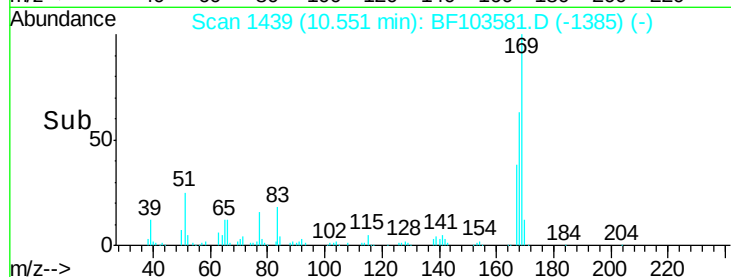
105 104.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 30.612 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

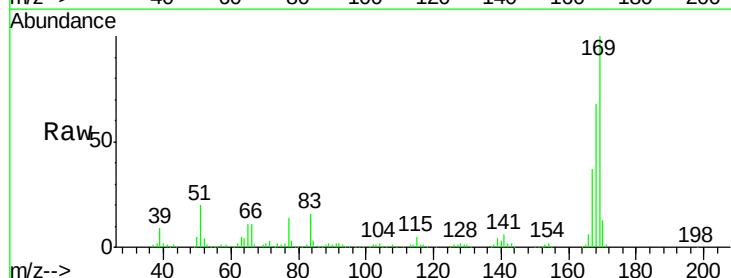
Tgt Ion:169 Resp: 354288

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

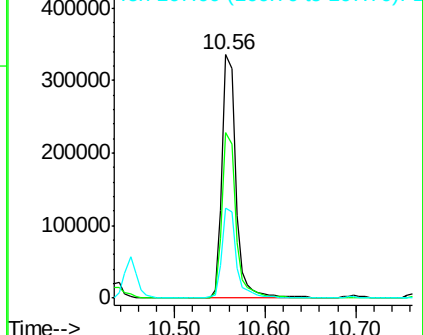
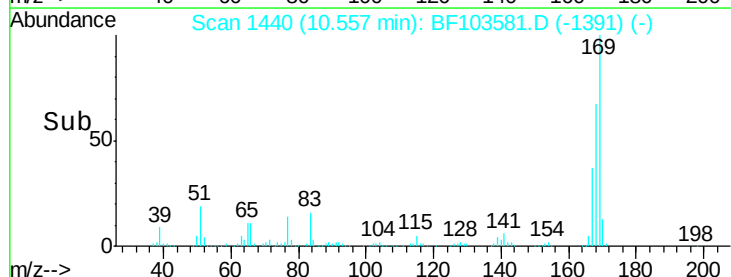
167 37.2 29.8 44.6

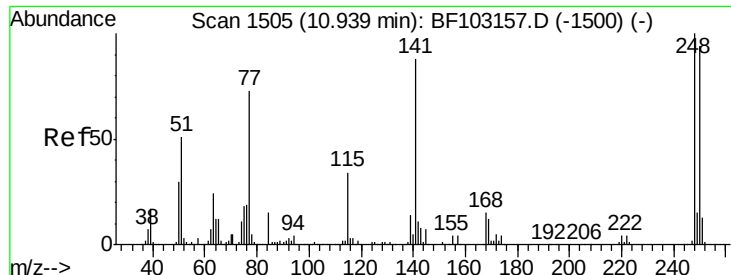


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

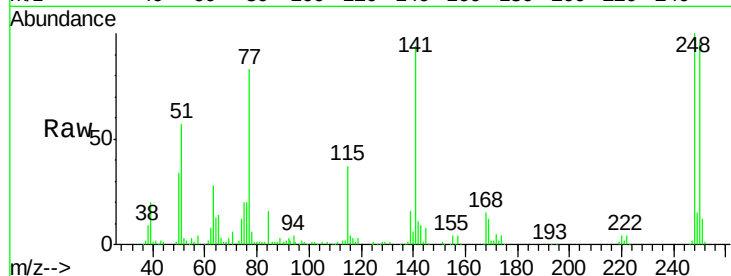




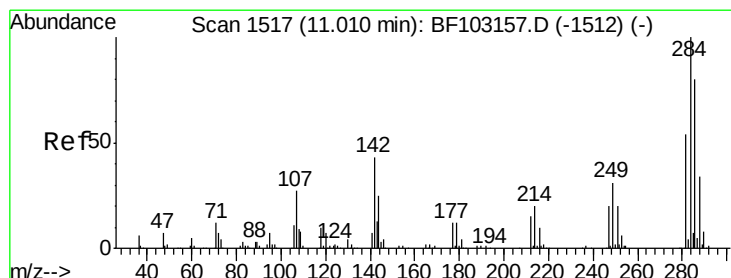
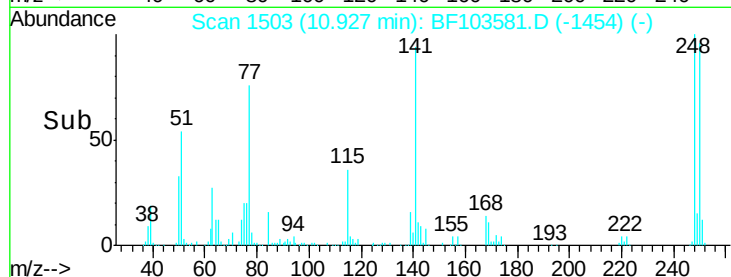
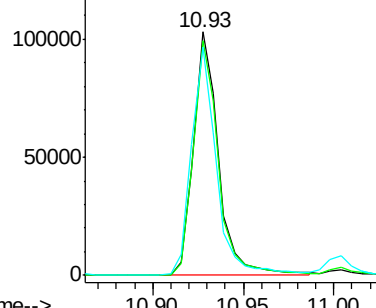
#66
4-Bromophenyl-phenylether
Concen: 28.611 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tgt Ion:248 Resp: 99070
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 93.7 74.4 111.6

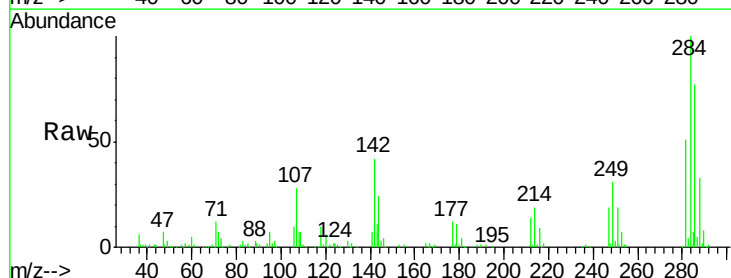


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

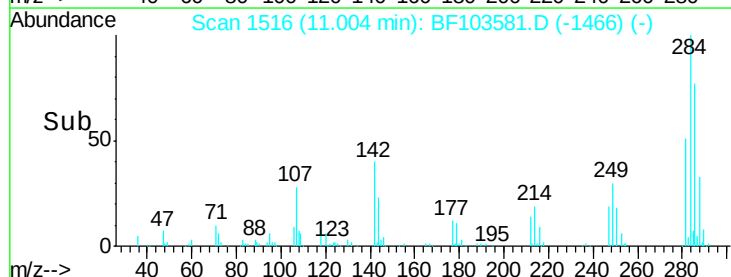
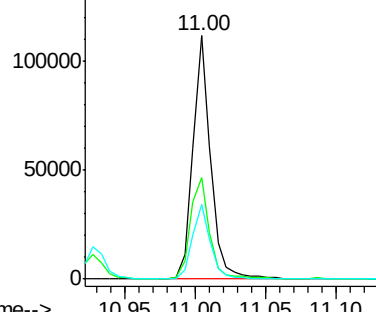


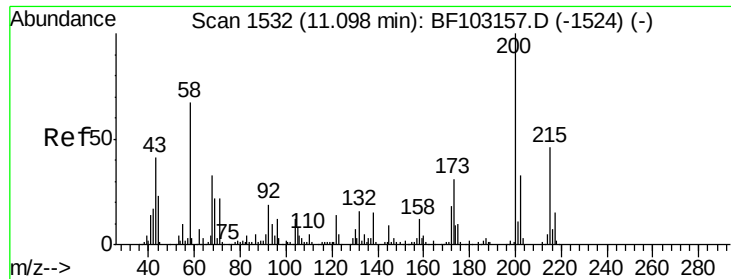
#67
Hexachlorobenzene
Concen: 25.910 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion:284 Resp: 97376
Ion Ratio Lower Upper
284 100
142 41.6 34.6 52.0
249 30.6 24.8 37.2



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

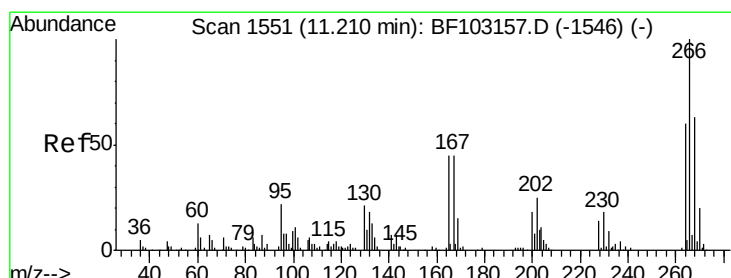
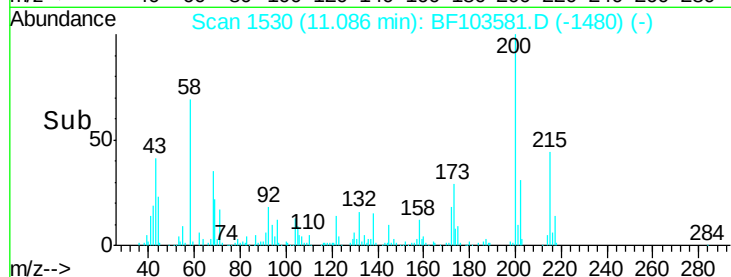
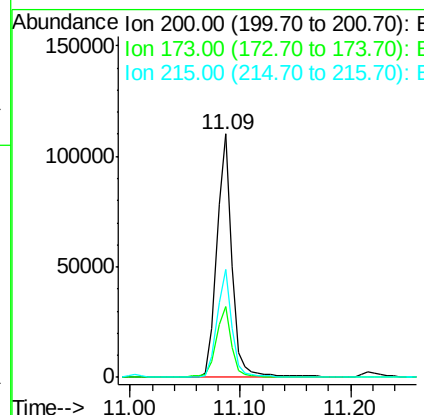
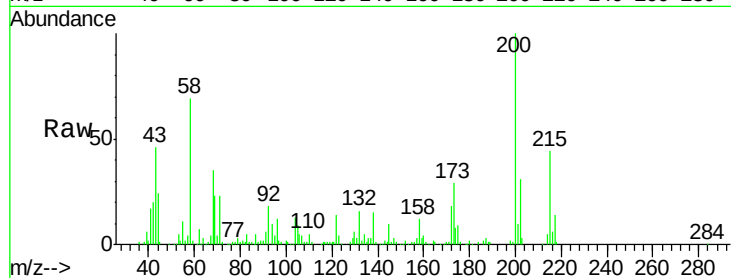




#68
 Atrazine
 Concen: 29.579 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

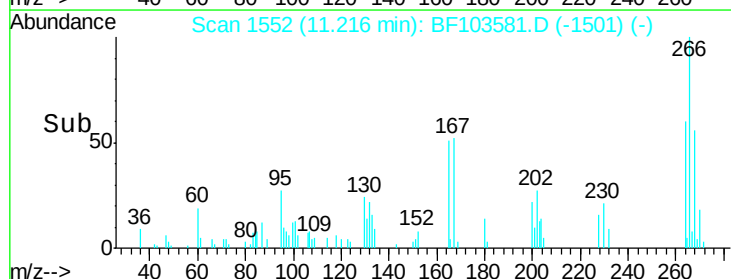
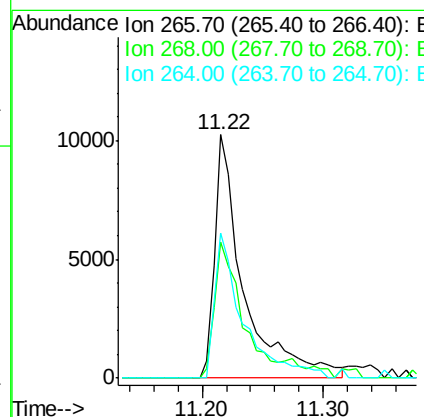
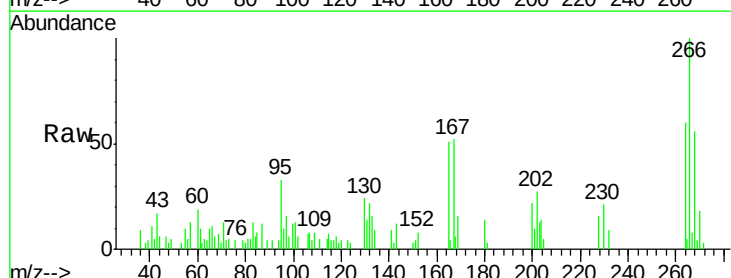
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

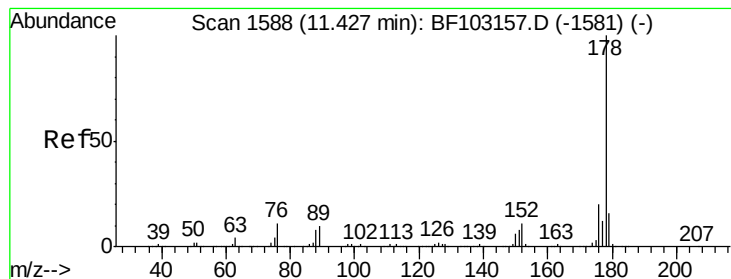
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	8.6	48.6
215	44.1	25.1	65.1



#69
 Pentachlorophenol
 Concen: 9.384 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	55.9	51.1	76.7
264	64.3	49.5	74.3





#70

Phenanthrene

Concen: 28.610 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

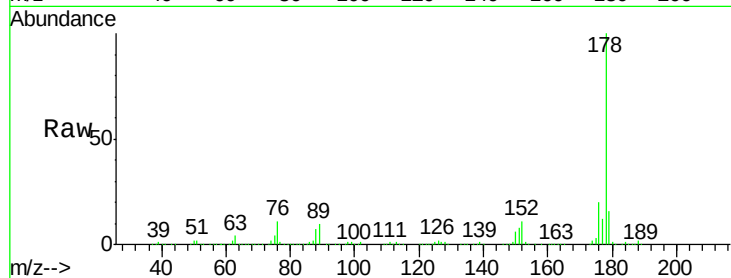
Tgt Ion:178 Resp: 523361

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

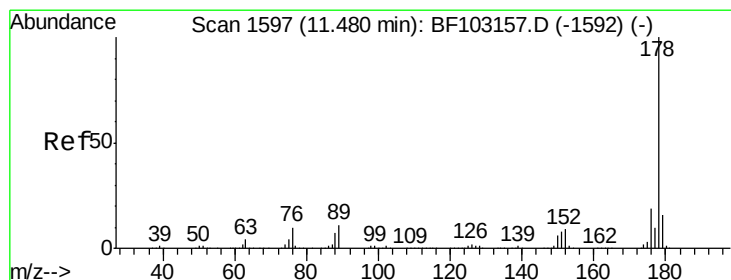
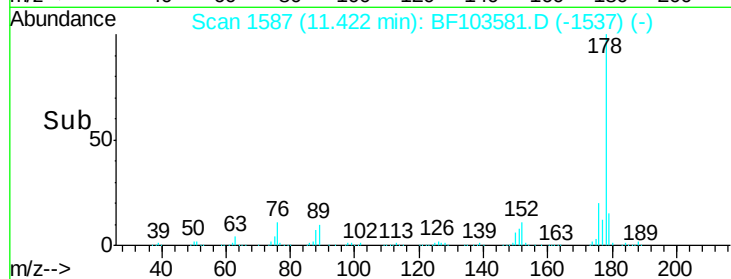
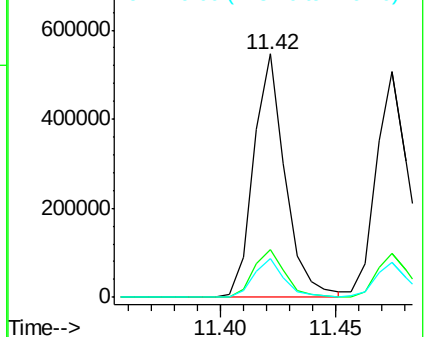
179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 28.567 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

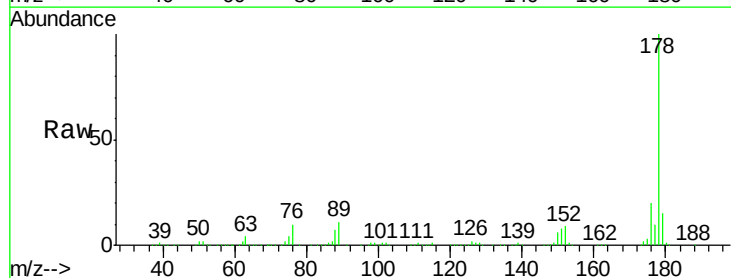
Tgt Ion:178 Resp: 535867

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

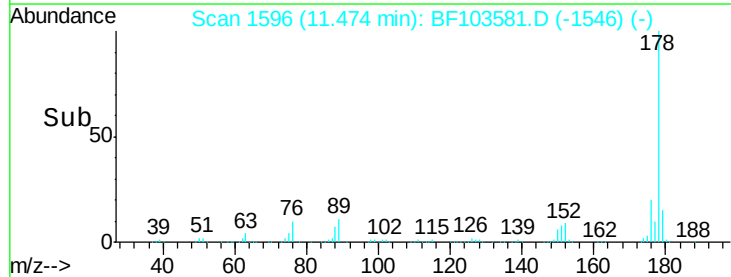
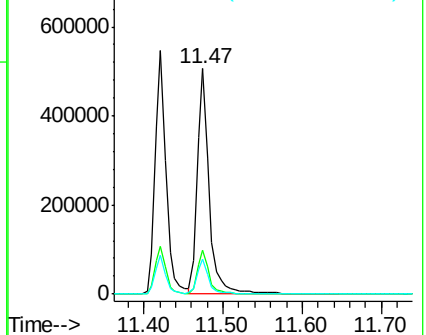
179 15.3 12.6 19.0

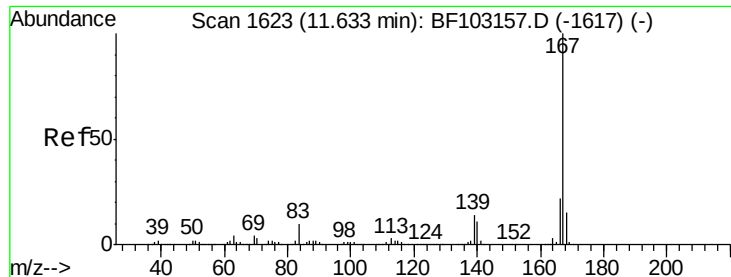


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

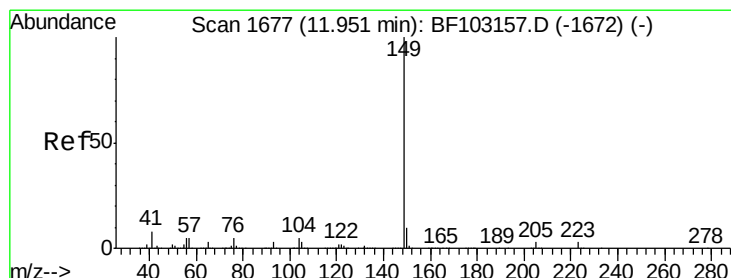
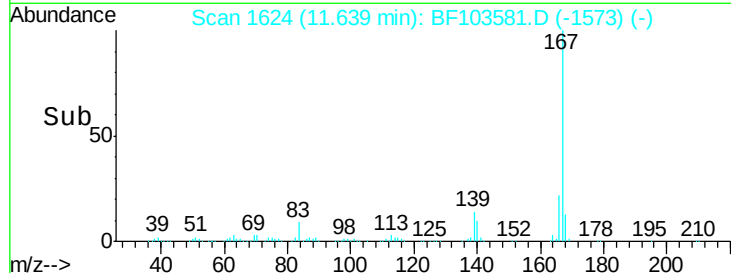
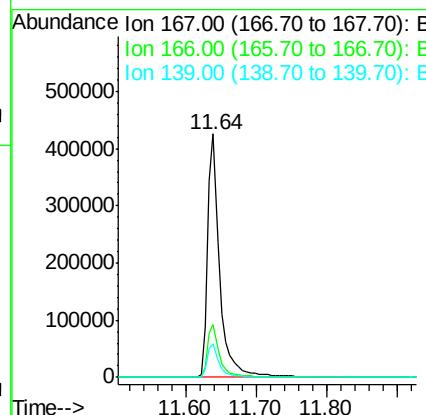
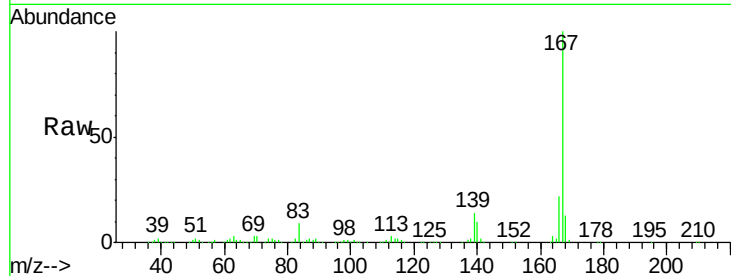




#72
 Carbazole
 Concen: 27.173 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

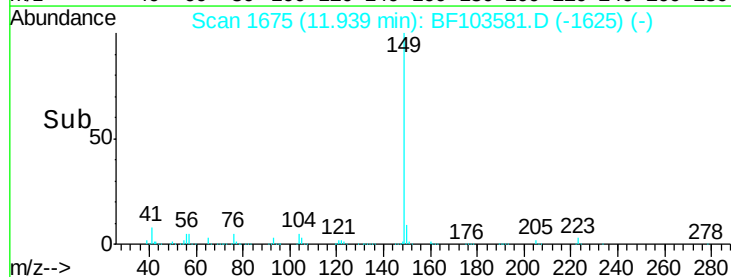
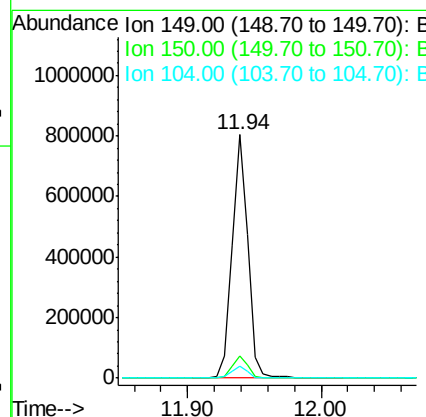
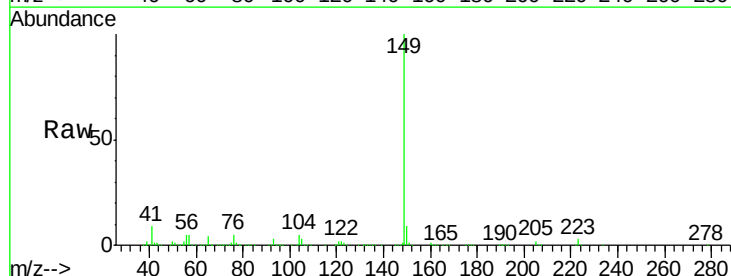
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

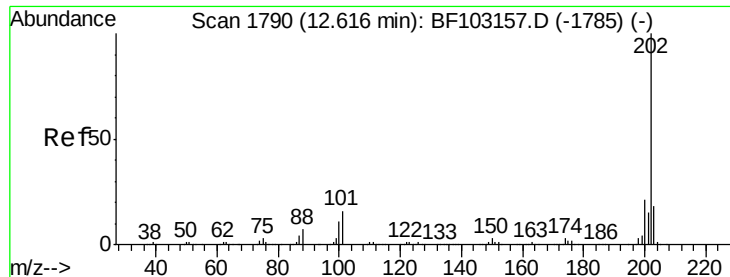
Tgt Ion:167 Resp: 507599
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.9 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 28.762 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion:149 Resp: 672287
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.0 3.8 5.8

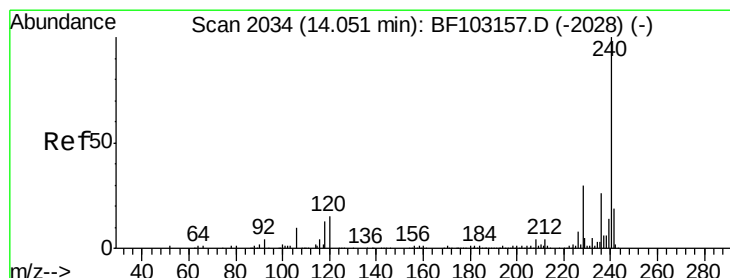
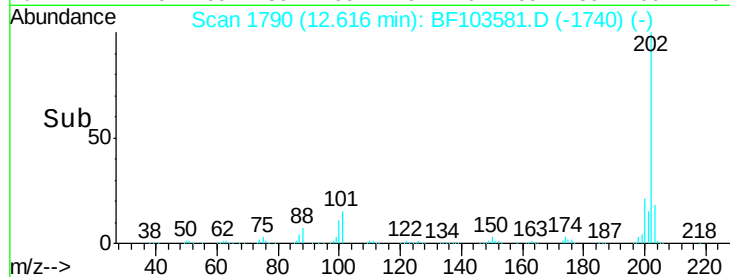
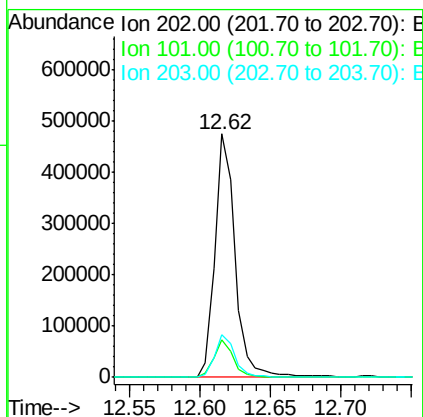
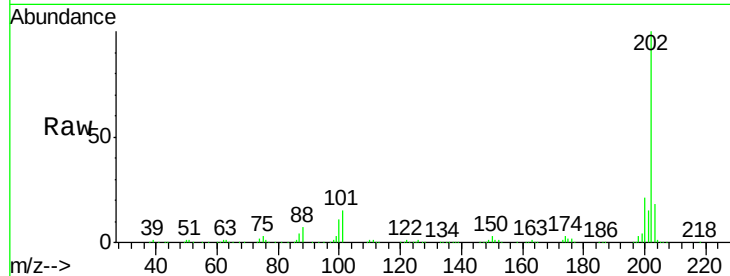




#74
 Fluoranthene
 Concen: 25.816 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

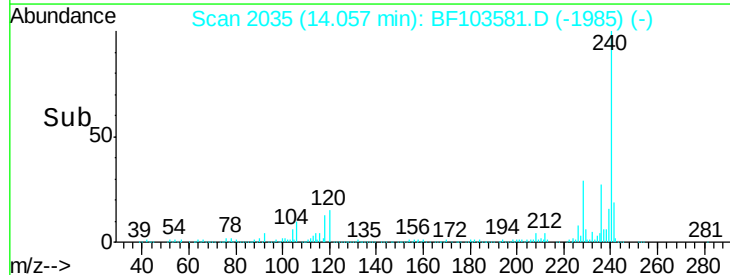
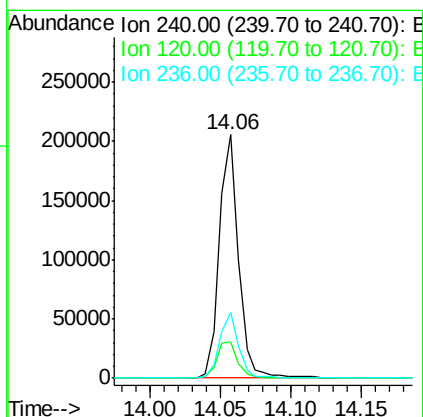
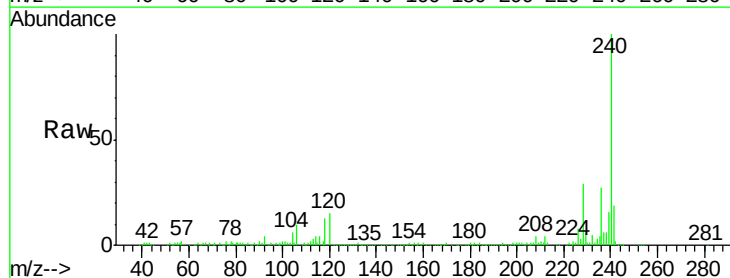
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

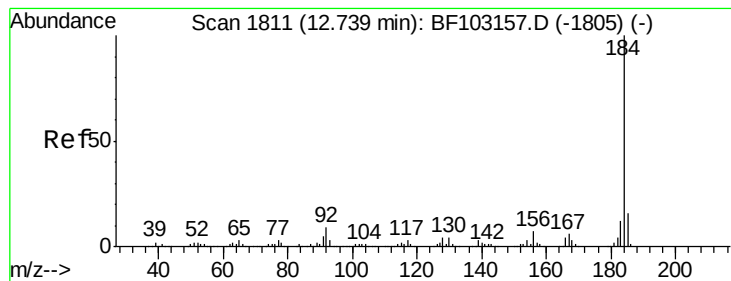
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	34.1
203	17.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	27.2	20.7	31.1





#76

Benzidine

Concen: 24.303 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

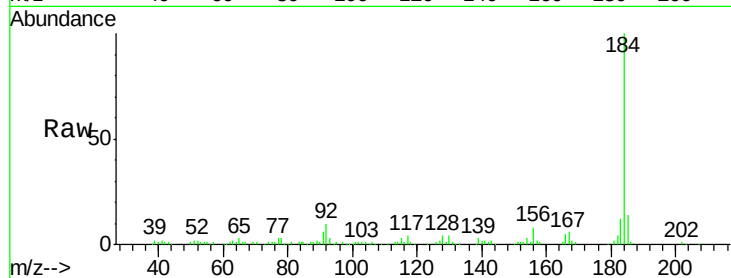
Tgt Ion:184 Resp: 177155

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

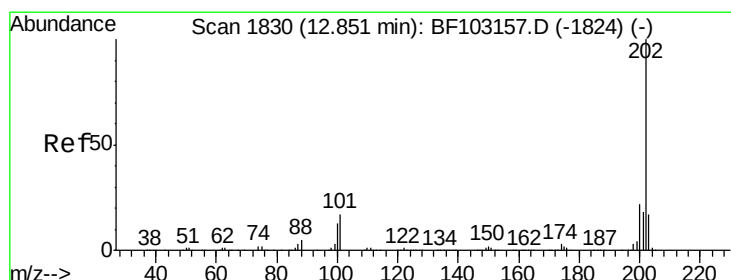
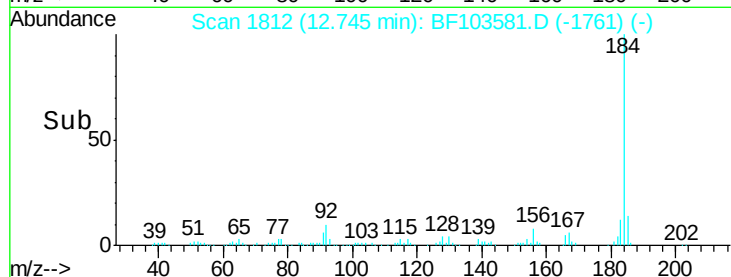
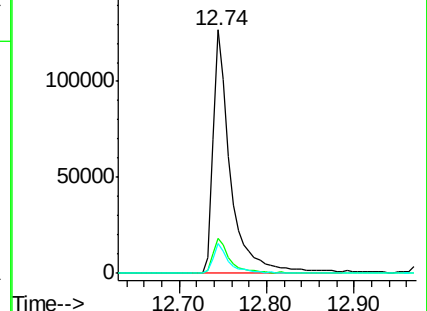
183 12.2 9.3 13.9



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

Pyrene

Concen: 30.073 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

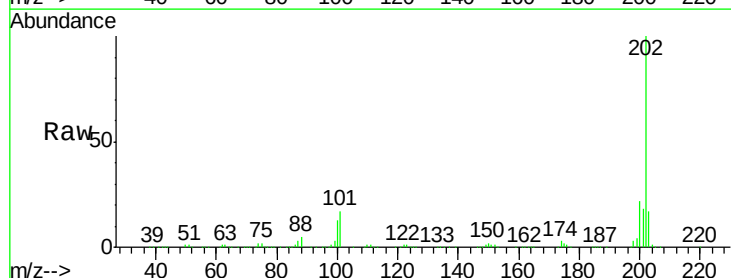
Tgt Ion:202 Resp: 457173

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

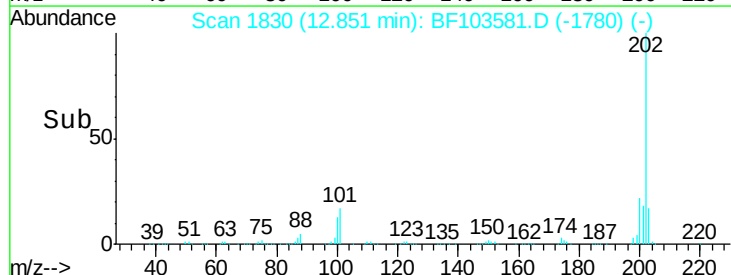
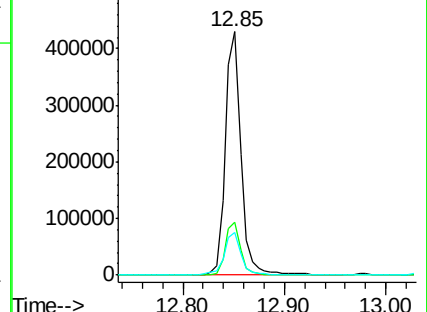
203 17.3 14.3 21.5

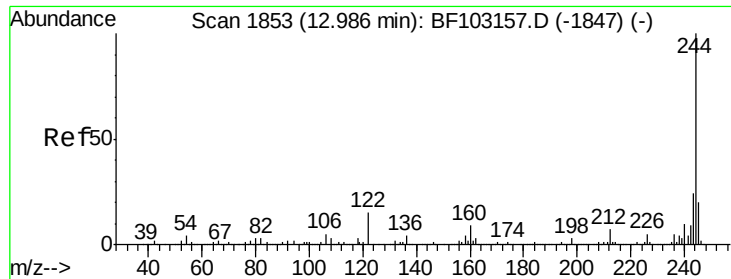


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

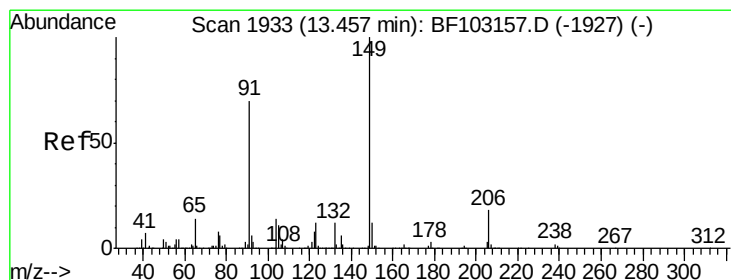
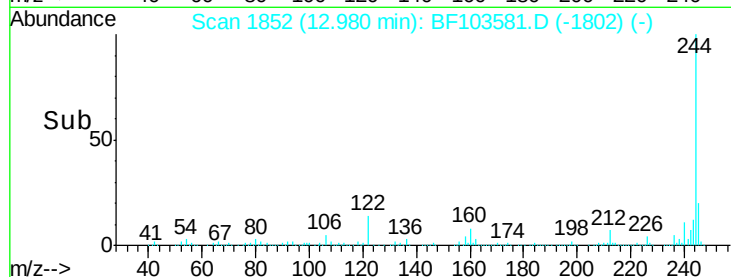
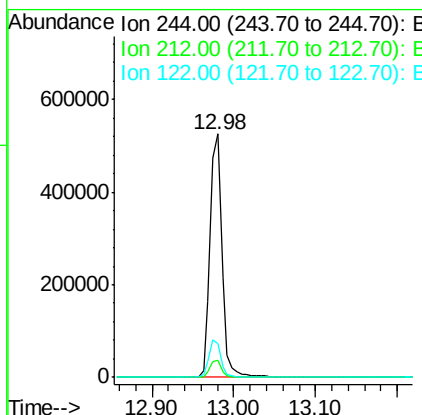
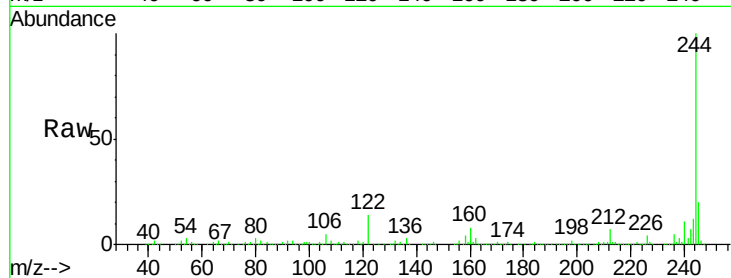




#78
 Terphenyl-d14
 Concen: 65.960 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

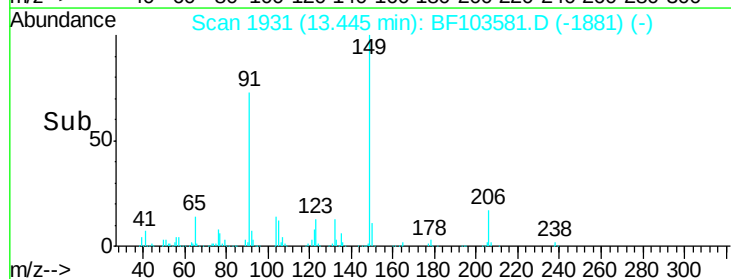
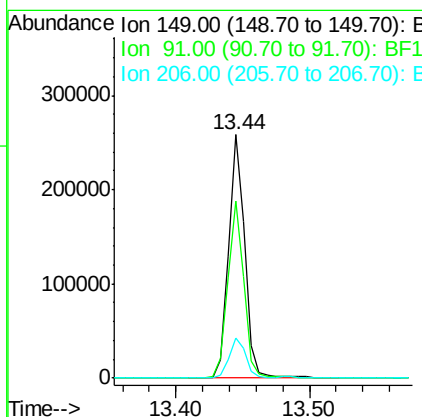
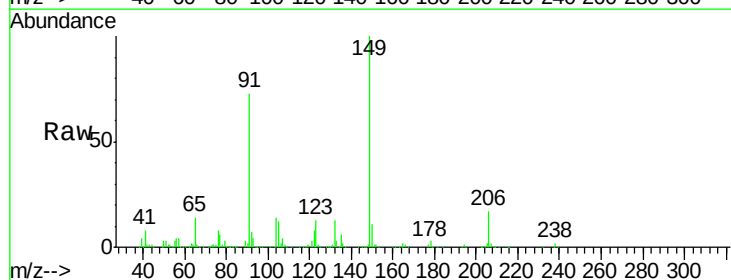
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

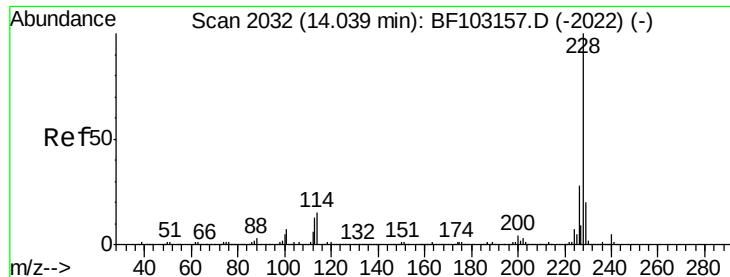
Tgt Ion: 244 Resp: 535013
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.7 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 27.516 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion: 149 Resp: 221008
 Ion Ratio Lower Upper
 149 100
 91 72.8 56.8 85.2
 206 16.6 14.1 21.1





#80

Benzo(a)anthracene

Concen: 27.677 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

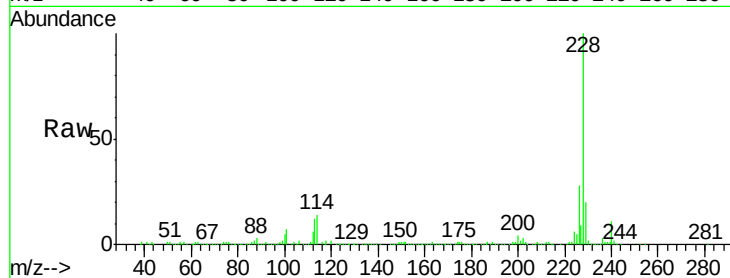
Tgt Ion:228 Resp: 350147

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

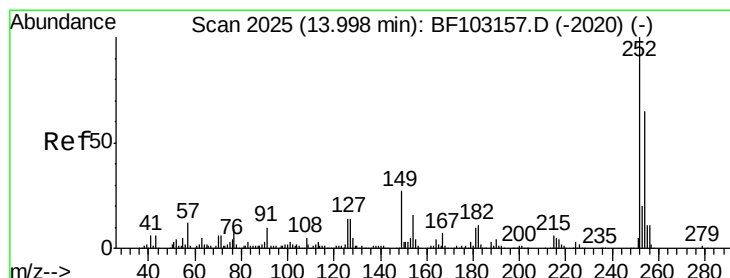
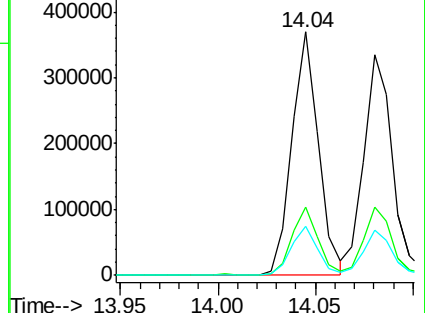
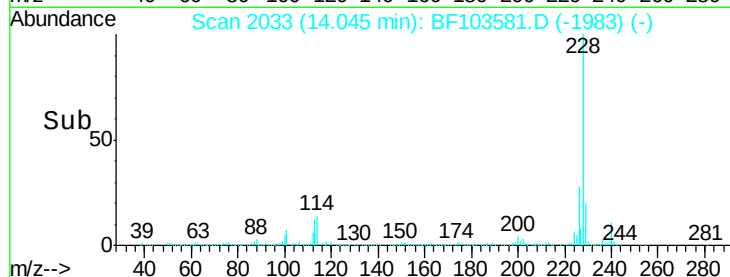
229 20.1 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 22.114 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

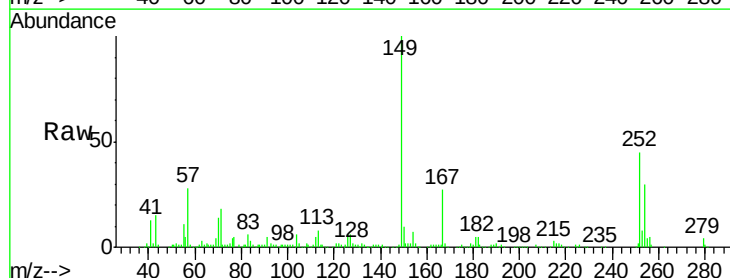
Tgt Ion:252 Resp: 99844

Ion Ratio Lower Upper

252 100

254 65.9 50.4 75.6

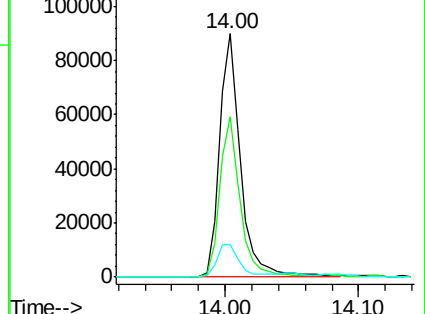
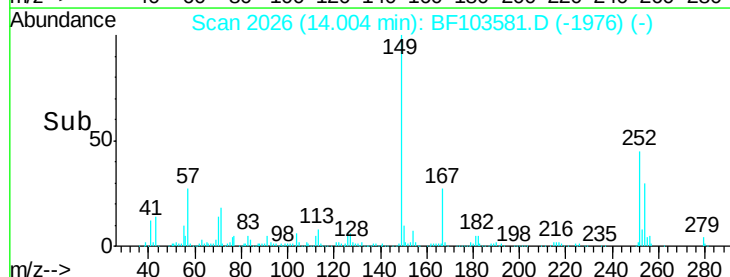
126 13.1 11.3 16.9

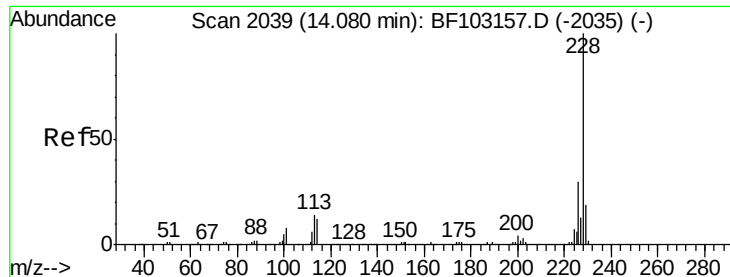


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 27.802 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

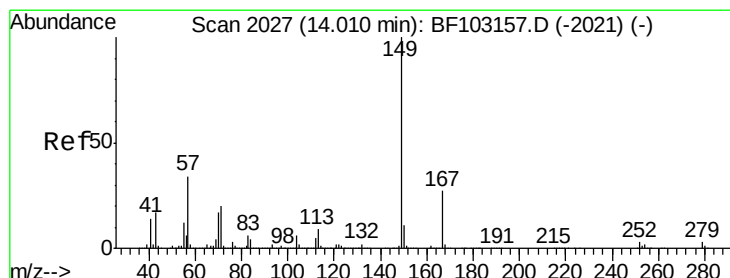
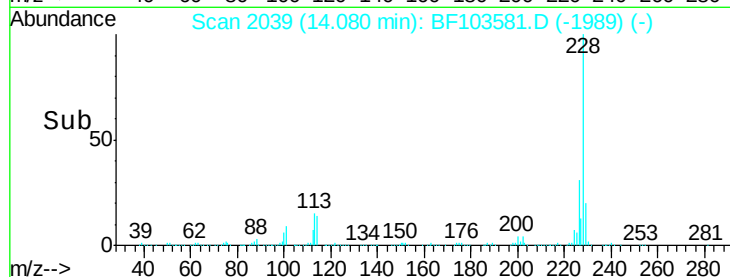
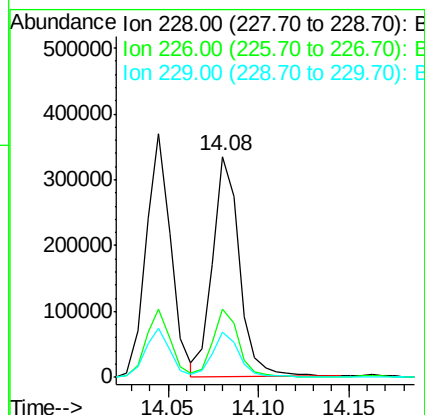
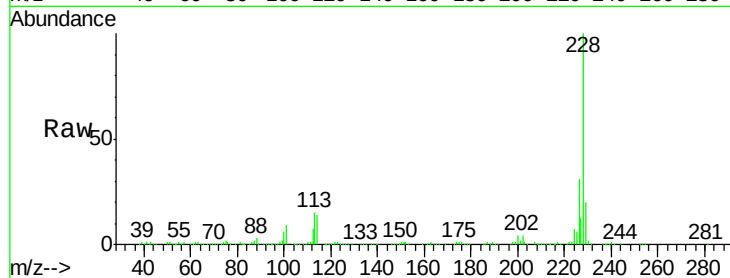
Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

Tgt Ion:	228	Resp:	341517
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.4	16.2	24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 26.766 ng

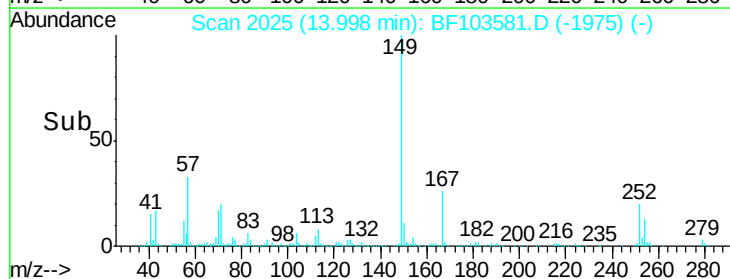
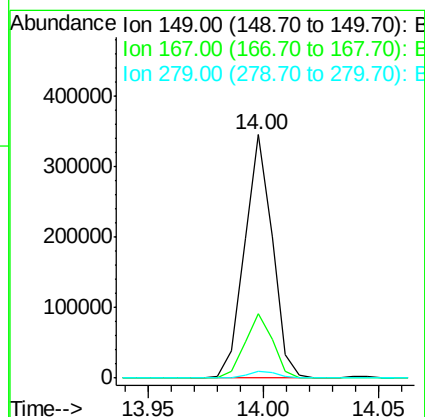
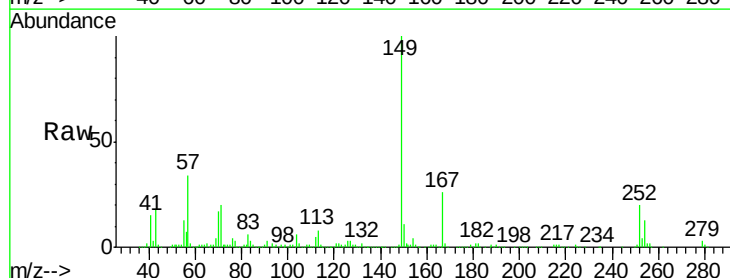
RT: 14.00 min Scan# 2025

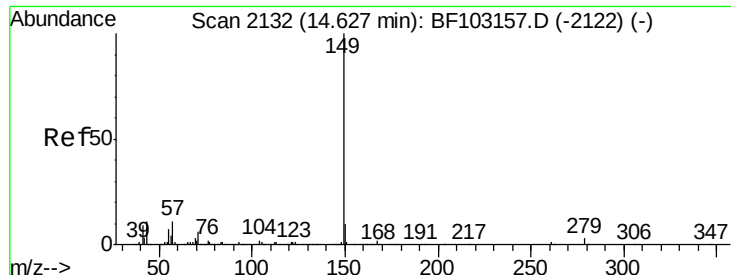
Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion:	149	Resp:	290104
Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.7	3.0	4.4#

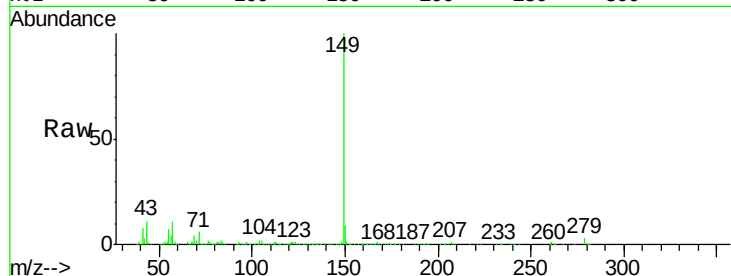




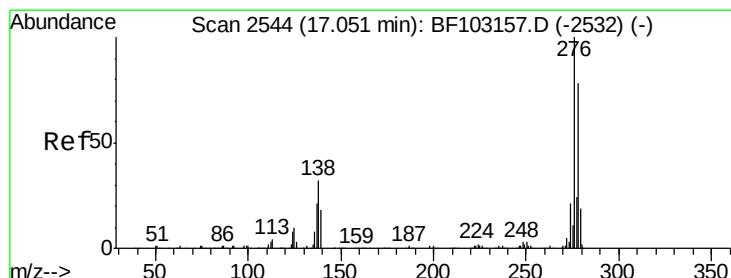
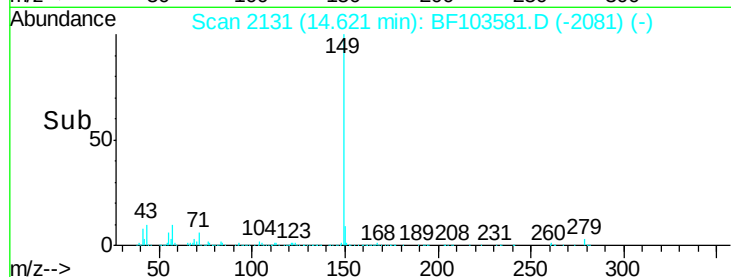
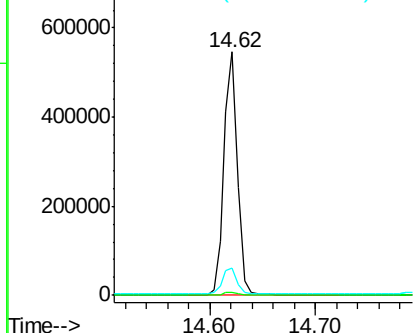
#84
Di-n-octyl phthalate
Concen: 27.922 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tgt Ion:149 Resp: 488980
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.3 8.4 12.6

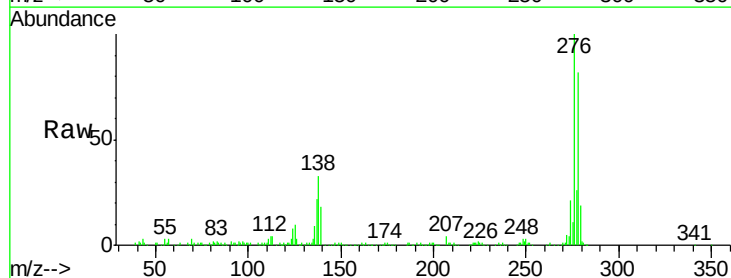


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

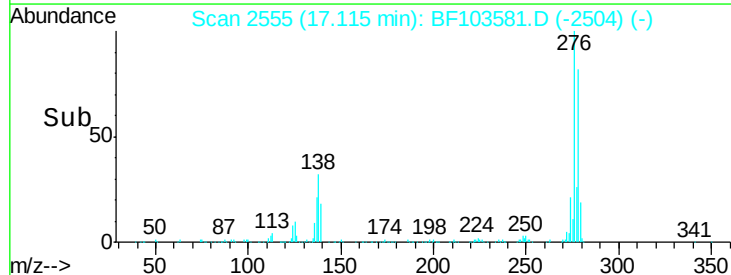
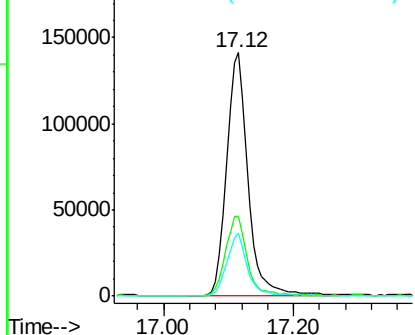


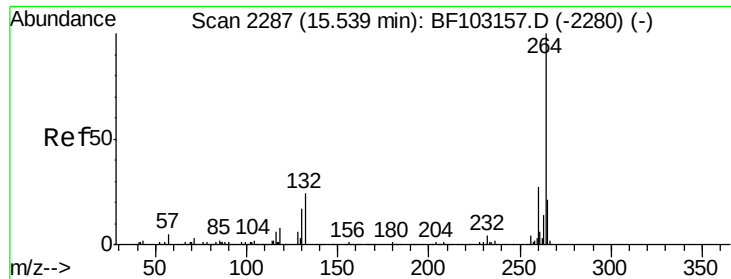
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.262 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion:276 Resp: 323475
Ion Ratio Lower Upper
276 100
138 32.9 25.0 37.6
277 24.7 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

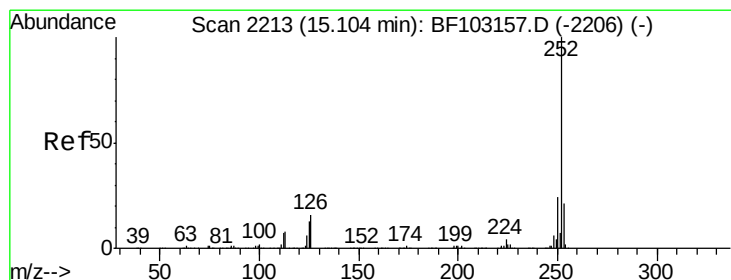
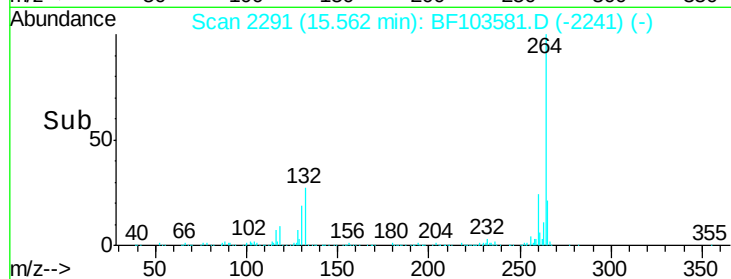
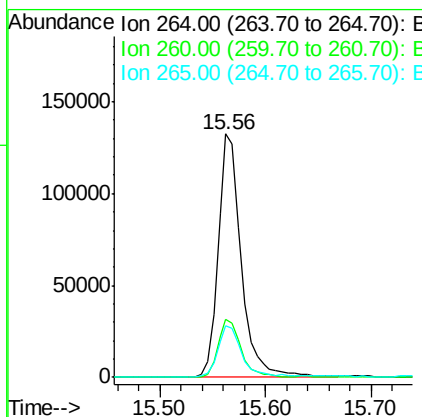
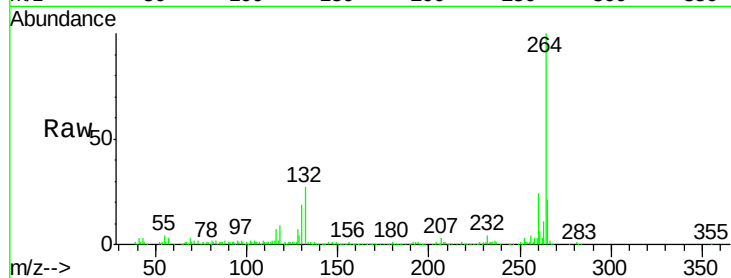




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

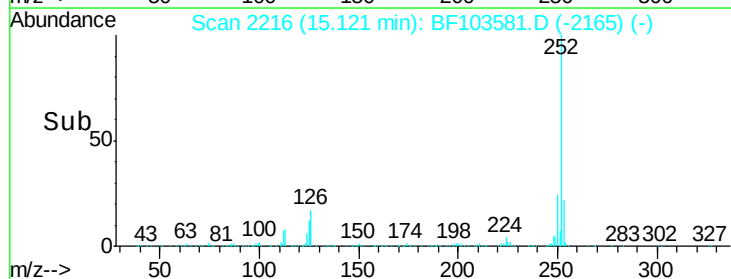
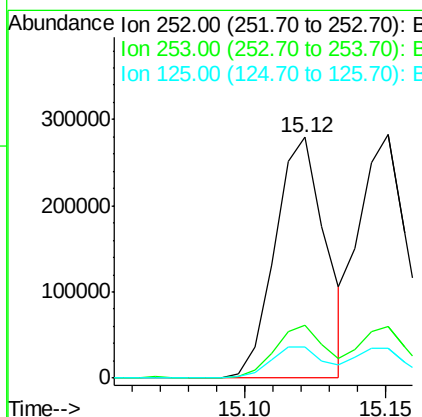
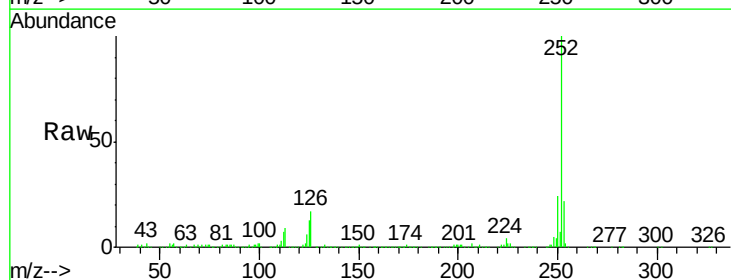
Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

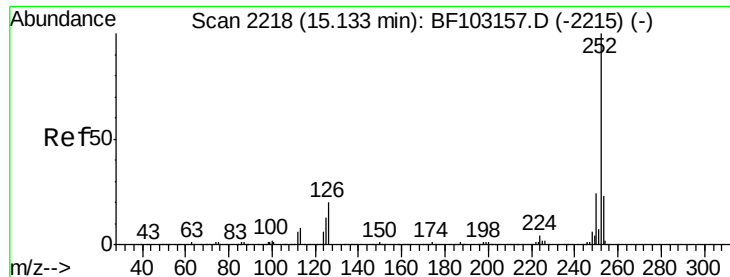
Tgt Ion:264 Resp: 202740
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 26.059 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion:252 Resp: 347367
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.7 9.0 13.6

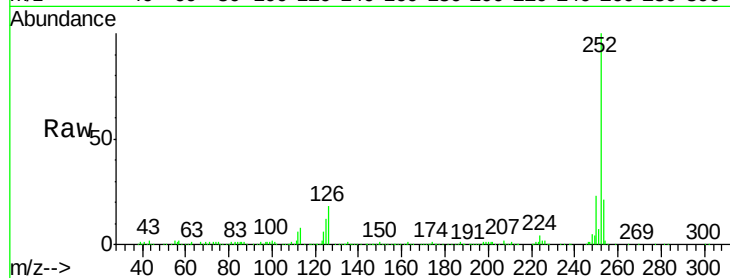




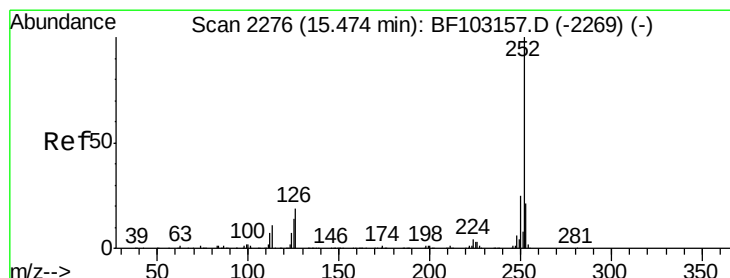
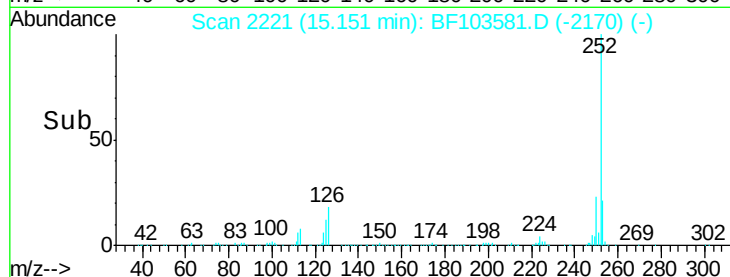
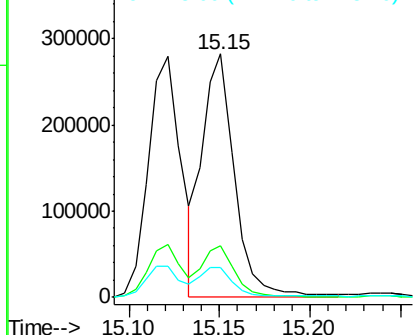
#88
Benzo(k)fluoranthene
Concen: 27.922 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tgt Ion:252 Resp: 350487
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 12.3 10.2 15.2

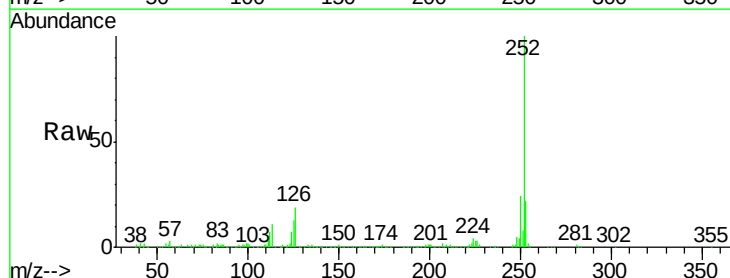


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

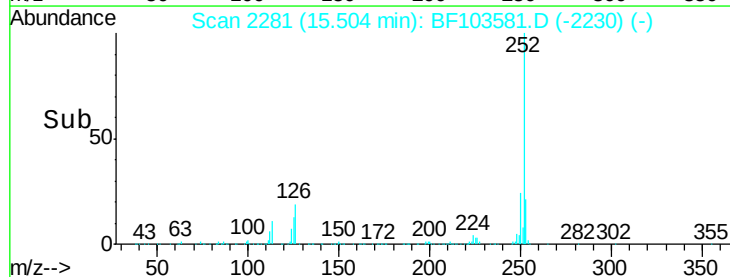
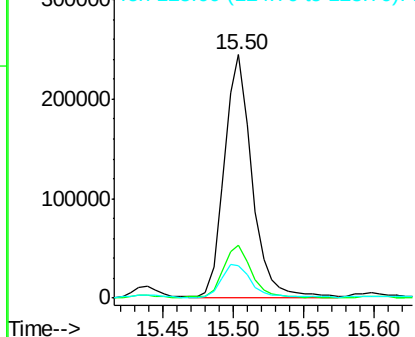


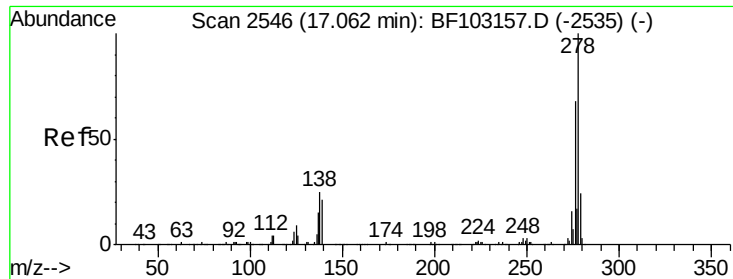
#89
Benzo(a)pyrene
Concen: 27.992 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion:252 Resp: 333214
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.4 9.8 14.6



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





#90

Dibenzo(a,h)anthracene

Concen: 29.533 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

ClientSampleId :

SB-07-08-10MSD

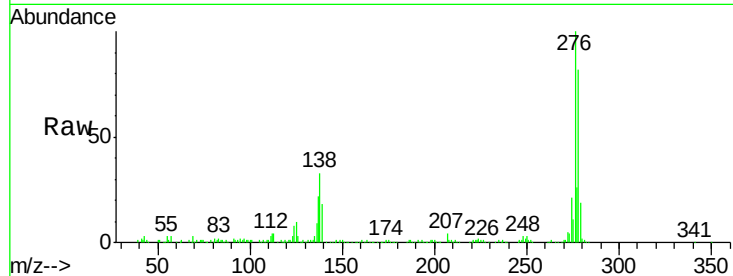
Tgt Ion:278 Resp: 271647

Ion Ratio Lower Upper

278 100

139 22.2 15.9 23.9

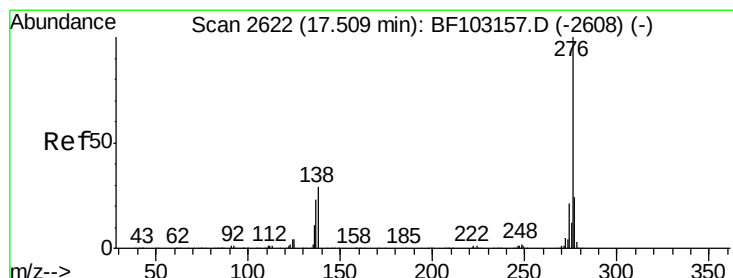
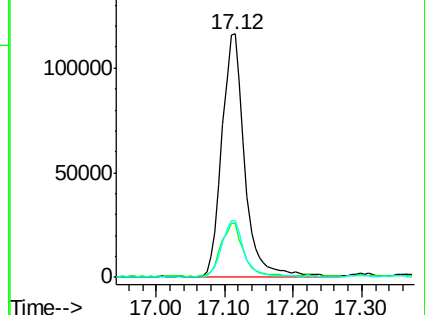
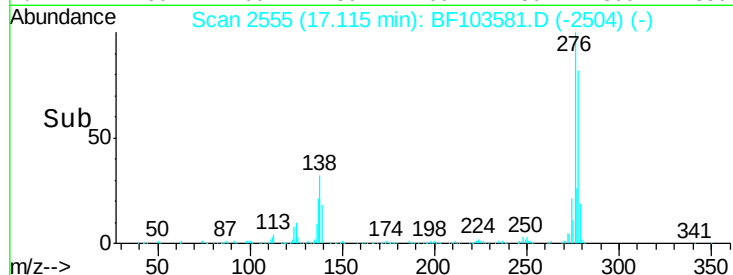
279 23.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 28.828 ng

RT: 17.58 min Scan# 2634

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

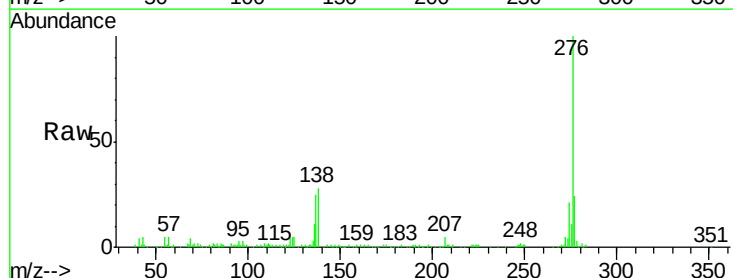
Tgt Ion:276 Resp: 259154

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 27.8 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

