

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103207.D
 Acq On : 26 Feb 2018 10:08
 Operator : SJ/JU
 Sample : PB106778BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 10:42:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149787	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	640279	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	293489	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	527153	20.00	ng	0.00
75) Chrysene-d12	14.05	240	407268	20.00	ng	0.00
86) Perylene-d12	15.54	264	388945	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1054992	106.52	ng	0.01
7) Phenol-d6	6.50	99	1274718	105.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	836030	74.57	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	268917	108.25	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1314677	75.02	ng	0.00
78) Terphenyl-d14	12.99	244	1280716	75.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	178673	34.158	ng	90
3) Pyridine	3.49	79	497984	35.660	ng	100
4) n-Nitrosodimethylamine	3.43	42	236579	42.007	ng	98
6) Aniline	6.53	93	413203	23.625	ng	94
8) 2-Chlorophenol	6.66	128	398904	38.772	ng	93
9) Benzaldehyde	6.42	77	225883	28.158	ng	99
10) Phenol	6.52	94	517961	36.817	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	404327	37.867	ng	91
12) 1,3-Dichlorobenzene	6.81	146	418109	35.562	ng	99
13) 1,4-Dichlorobenzene	6.89	146	418971	35.543	ng	98
14) 1,2-Dichlorobenzene	7.04	146	396572	36.486	ng	100
15) Benzyl Alcohol	7.01	79	350553	38.387	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	675024	36.815	ng	98
17) 2-Methylphenol	7.12	107	348777	37.303	ng	98
18) Hexachloroethane	7.38	117	157309	36.659	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	268398	35.586	ng	98
20) 3+4-Methylphenols	7.27	107	393273	34.506	ng	# 70
22) Acetophenone	7.28	105	529474	35.428	ng	# 91
24) Nitrobenzene	7.46	77	449615	36.424	ng	97
25) Isophorone	7.69	82	834446	37.790	ng	98
26) 2-Nitrophenol	7.77	139	226019	38.894	ng	95
27) 2,4-Dimethylphenol	7.80	122	369316	41.578	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	509133	39.217	ng	99
29) 2,4-Dichlorophenol	8.01	162	333940	39.268	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	320401	35.380	ng	99
31) Naphthalene	8.17	128	1149330	36.665	ng	99
32) Benzoic acid	7.93	122	241014	38.219	ng	97
33) 4-Chloroaniline	8.22	127	184442	13.635	ng	97
34) Hexachlorobutadiene	8.29	225	160327	33.998	ng	99
35) Caprolactam	8.59	113	75227	25.169	ng	# 79
36) 4-Chloro-3-methylphenol	8.71	107	376201	39.220	ng	98
37) 2-Methylnaphthalene	8.87	142	765716	37.797	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	282917	35.261	ng	98
40) Hexachlorocyclopentadiene	9.02	237	196967	70.796	ng	100

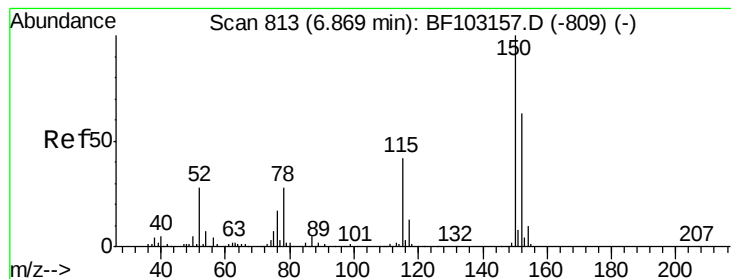
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	204879	37.949	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	219640	35.372	ng	98
45) 1,1'-Biphenyl	9.33	154	871423	35.434	ng	98
46) 2-Chloronaphthalene	9.36	162	689785	35.453	ng	98
47) 2-Nitroaniline	9.46	65	272435	37.802	ng	92
48) Acenaphthylene	9.77	152	1071716	35.801	ng	99
49) Dimethylphthalate	9.63	163	834023	35.424	ng	99
50) 2,6-Dinitrotoluene	9.70	165	187485	37.946	ng	98
51) Acenaphthene	9.95	154	613487	35.145	ng	100
52) 3-Nitroaniline	9.87	138	130640	20.841	ng	# 92
53) 2,4-Dinitrophenol	9.98	184	152732	84.908	ng	# 18
54) Dibenzofuran	10.12	168	927526	38.708	ng	96
55) 4-Nitrophenol	10.03	139	286008	73.617	ng	91
56) 2,4-Dinitrotoluene	10.10	165	249533	39.933	ng	96
57) Fluorene	10.46	166	715613	35.057	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	169107	40.541	ng	98
59) Diethylphthalate	10.33	149	807768	35.872	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	311644	36.002	ng	95
61) 4-Nitroaniline	10.49	138	230271	36.778	ng	95
62) Azobenzene	10.61	77	874803	38.166	ng	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	110574	35.867	ng	94
65) n-Nitrosodiphenylamine	10.57	169	657986	35.848	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	194561	35.430	ng	95
67) Hexachlorobenzene	11.01	284	210670	35.345	ng	94
68) Atrazine	11.10	200	209369	37.951	ng	98
69) Pentachlorophenol	11.20	266	197465	68.519	ng	98
70) Phenanthrene	11.43	178	1028952	35.468	ng	99
71) Anthracene	11.48	178	1082004	36.371	ng	99
72) Carbazole	11.63	167	1062041	35.850	ng	99
73) Di-n-butylphthalate	11.95	149	1339543	36.136	ng	99
74) Fluoranthene	12.62	202	1091835	37.452	ng	97
76) Benzidine	12.73	184	471924	30.995	ng	99
77) Pyrene	12.84	202	1126143	35.466	ng	100
79) Butylbenzylphthalate	13.46	149	604899	36.056	ng	97
80) Benzo(a)anthracene	14.04	228	985526	37.295	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	204041	21.636	ng	97
82) Chrysene	14.07	228	951647	37.090	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	845342	37.340	ng	99
84) Di-n-octyl phthalate	14.63	149	1449626	39.631	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	794593	39.118	ng	98
87) Benzo(b)fluoranthene	15.10	252	950181	37.156	ng	97
88) Benzo(k)fluoranthene	15.14	252	877767	36.451	ng	99
89) Benzo(a)pyrene	15.48	252	867796	38.000	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	648857	36.771	ng	98
91) Benzo(g,h,i)perylene	17.52	276	655624	38.016	ng	98

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

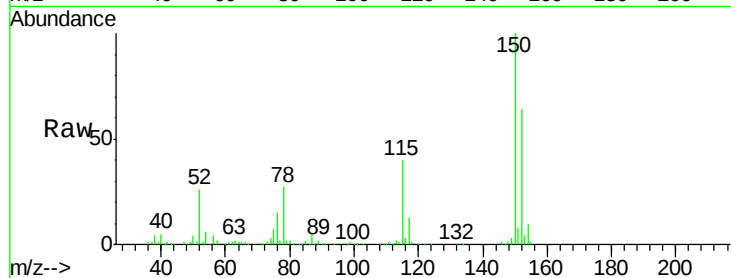


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.5	50.1	75.1

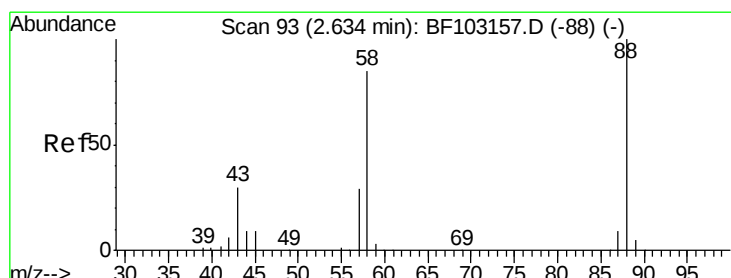
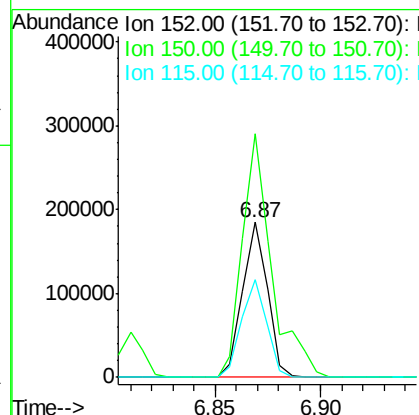
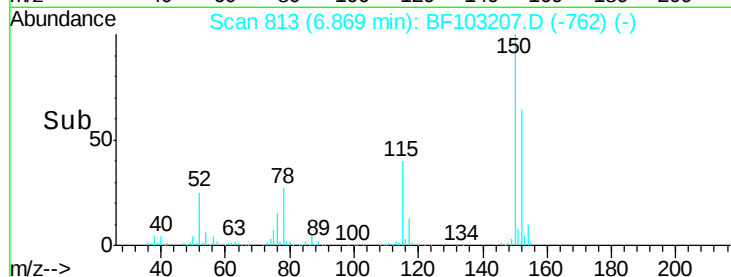


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

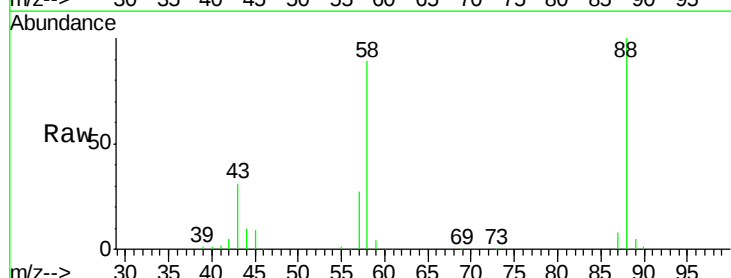
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.158 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.07 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.6	62.6	93.8
43	31.0	24.6	37.0

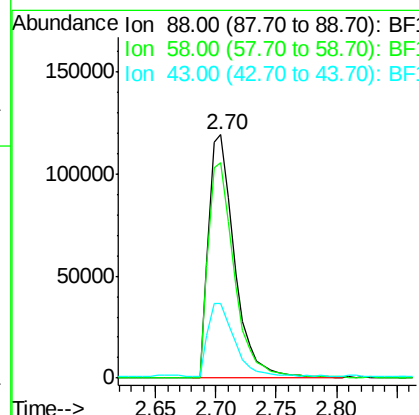
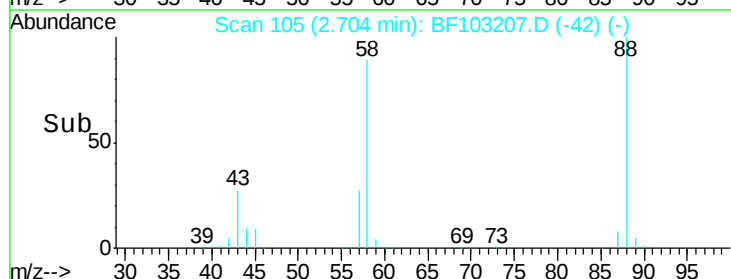


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.660 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.08 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

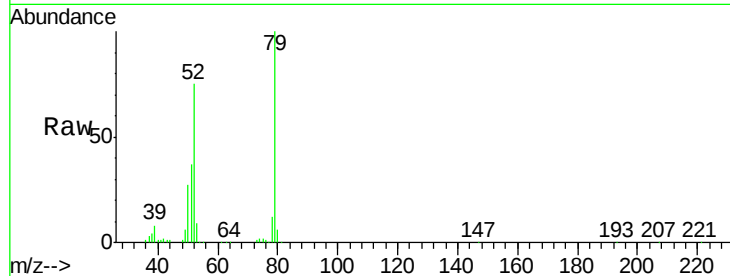
Tot Ion: 79 Resp: 497984

Ion Ratio Lower Upper

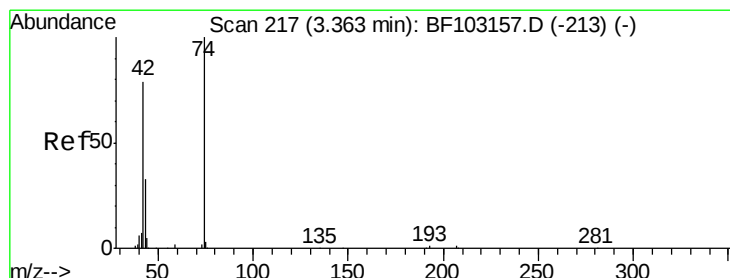
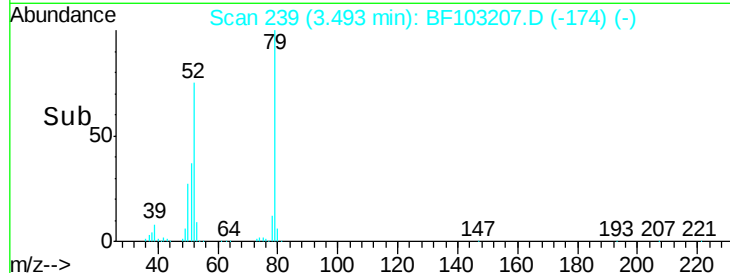
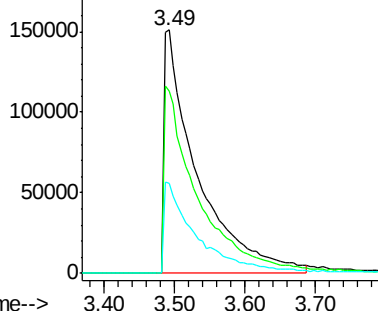
79 100

52 75.1 59.8 89.6

51 37.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.007 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.06 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

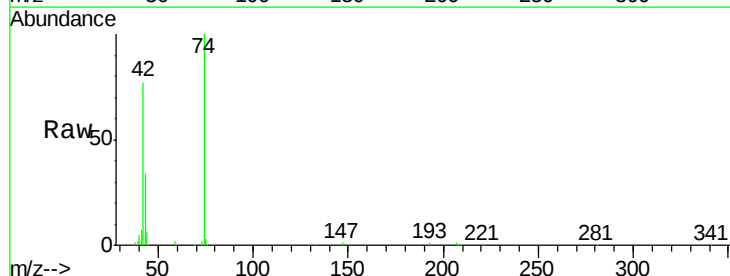
Tgt Ion: 42 Resp: 236579

Ion Ratio Lower Upper

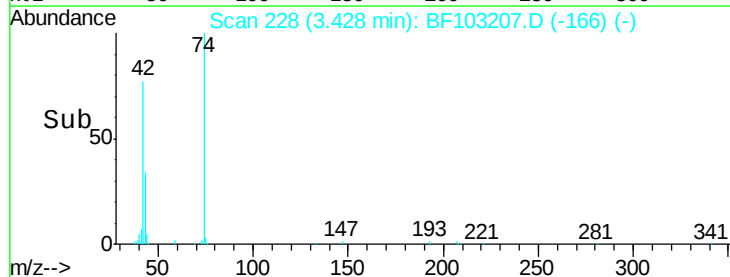
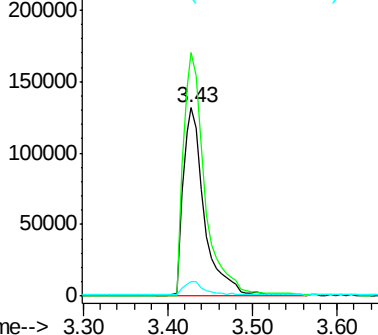
42 100

74 129.3 104.9 157.3

44 7.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 106.525 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampled :

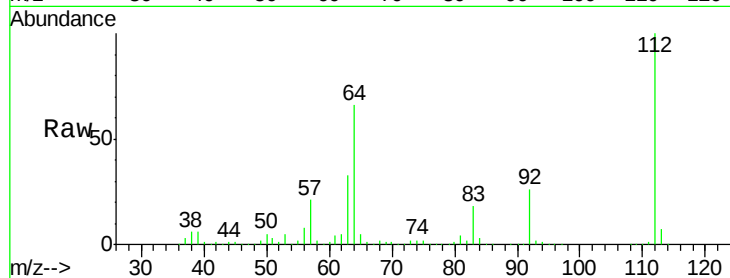
Tot Ion:112 Resp: 1054992

Ion Ratio Lower Upper

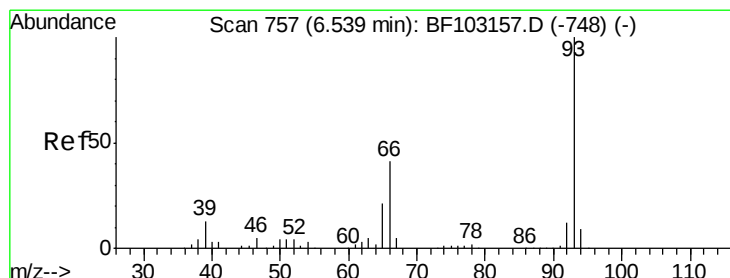
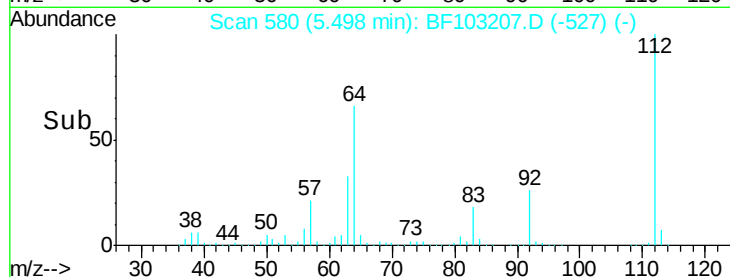
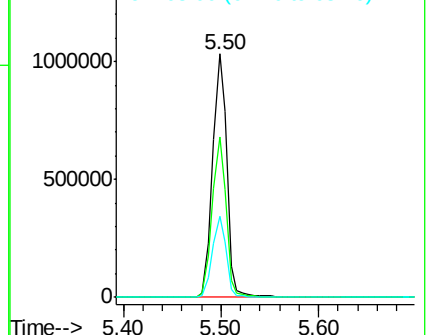
112 100

64 66.0 47.9 71.9

63 33.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.625 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

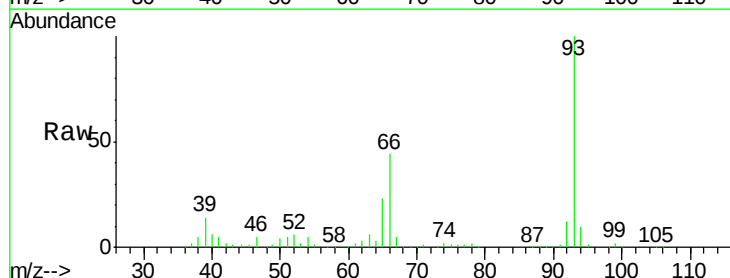
Tgt Ion: 93 Resp: 413203

Ion Ratio Lower Upper

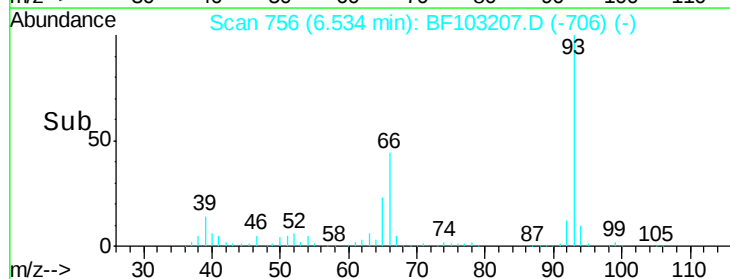
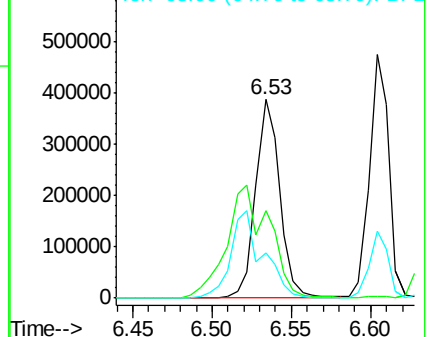
93 100

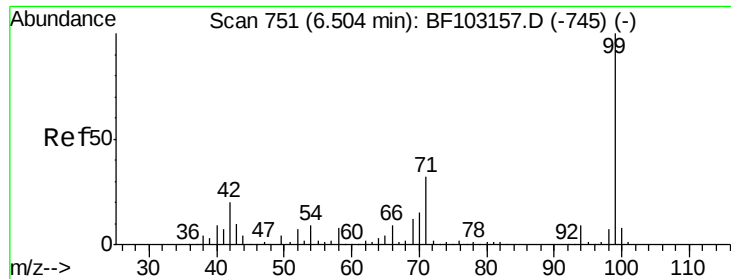
66 44.1 32.2 48.2

65 23.0 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.186 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

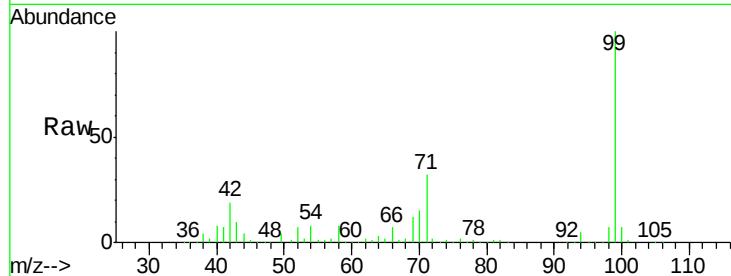
Tot Ion: 99 Resp: 1274718

Ion Ratio Lower Upper

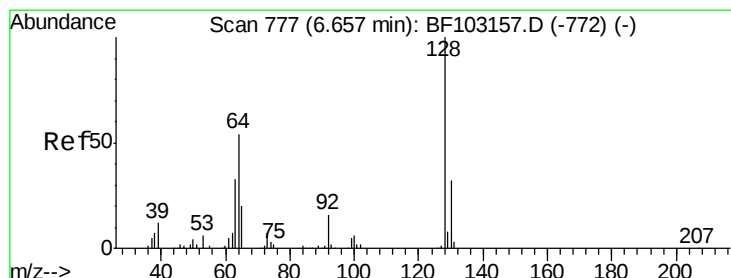
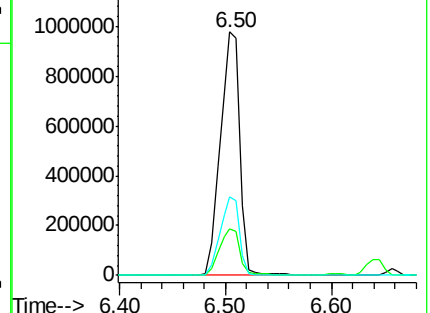
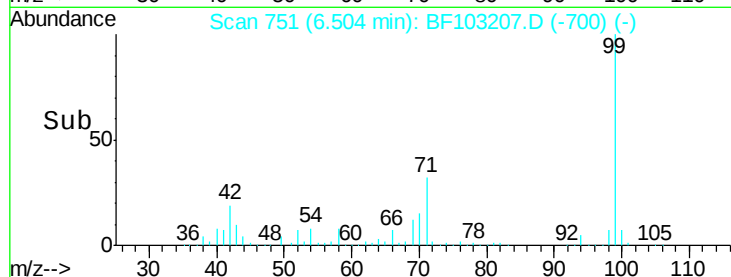
99 100

42 19.4 14.5 21.7

71 32.4 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: 38.772 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

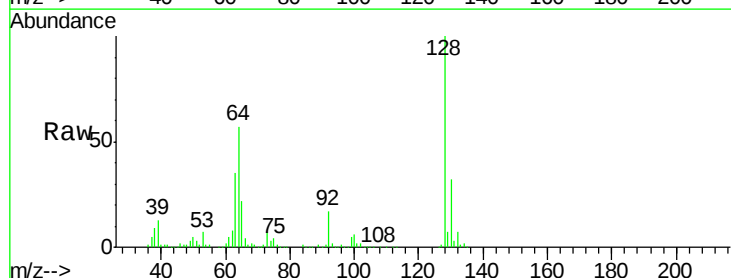
Tgt Ion: 128 Resp: 398904

Ion Ratio Lower Upper

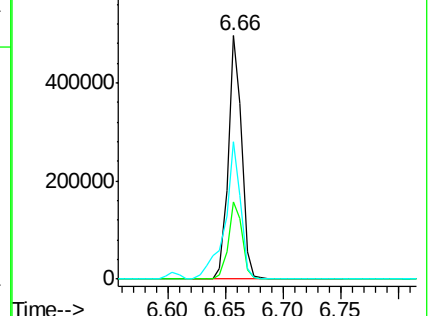
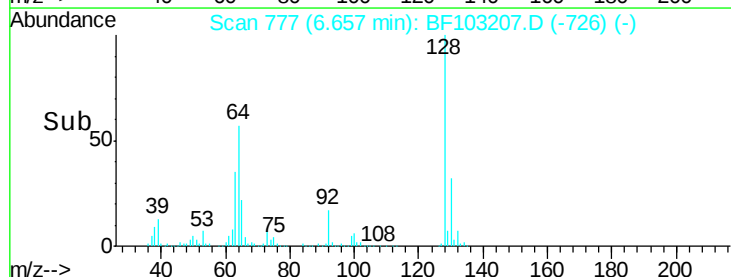
128 100

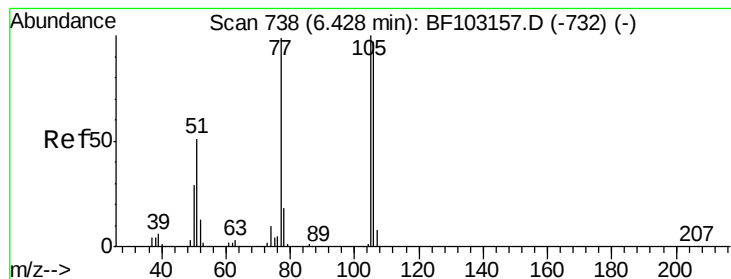
130 32.0 13.0 53.0

64 56.6 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: 28.158 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

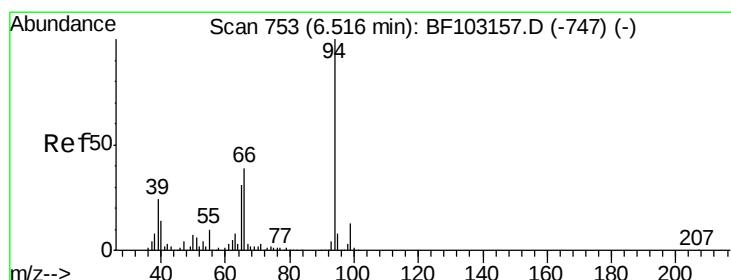
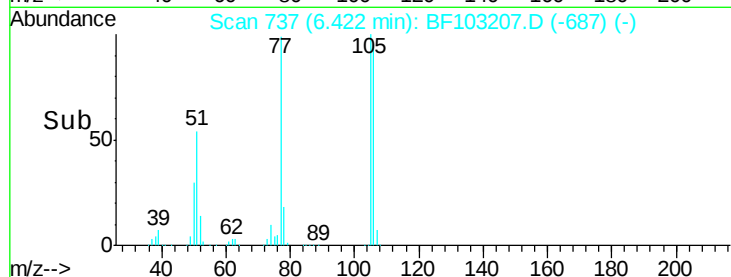
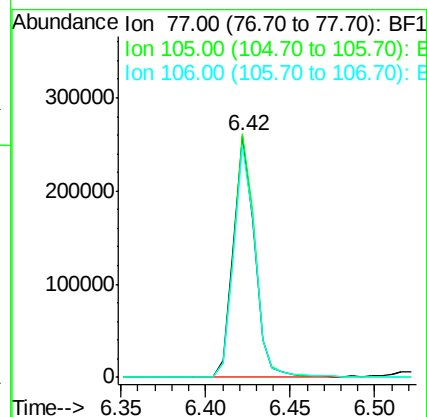
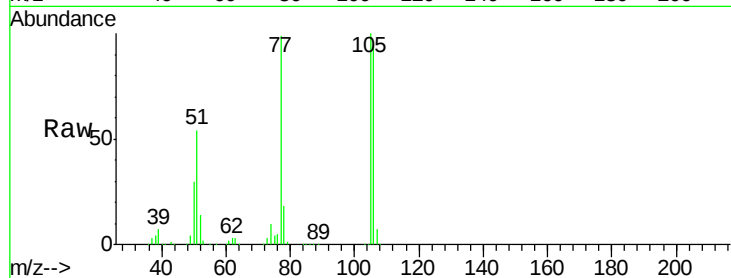
Tot Ion: 77 Resp: 225883

Ion Ratio Lower Upper

77 100

105 100.8 81.1 121.1

106 96.0 74.5 114.5



#10

Phenol

Concen: 36.817 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

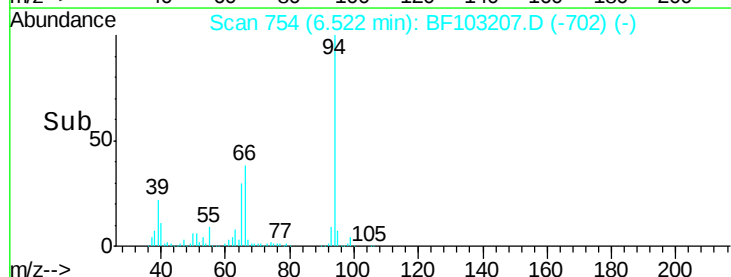
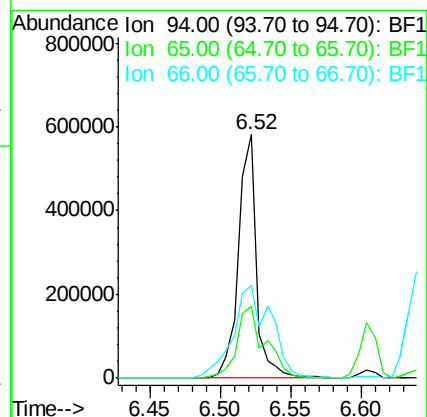
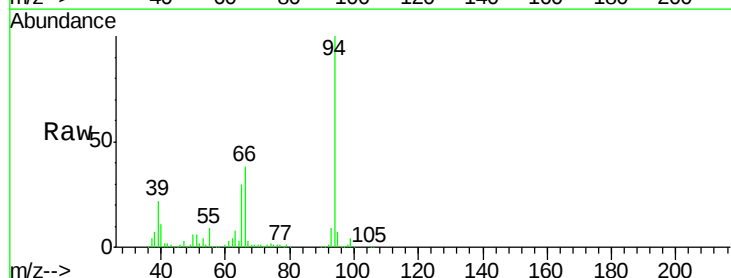
Tgt Ion: 94 Resp: 517961

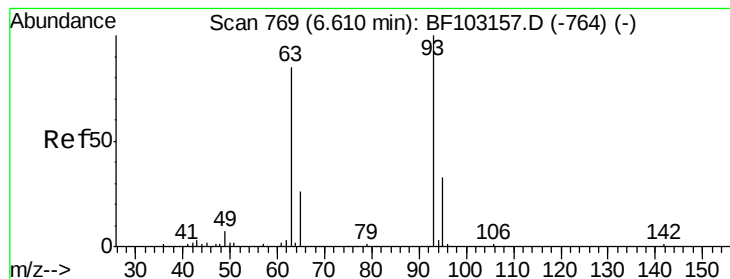
Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

66 38.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.867 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

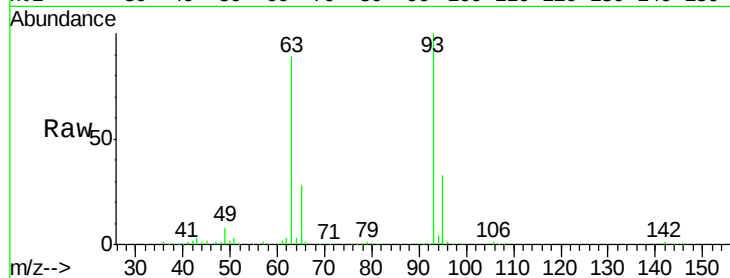
Tot Ion: 93 Resp: 404327

Ion Ratio Lower Upper

93 100

63 89.2 58.6 98.6

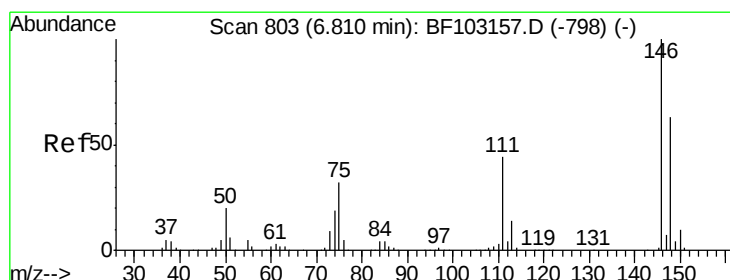
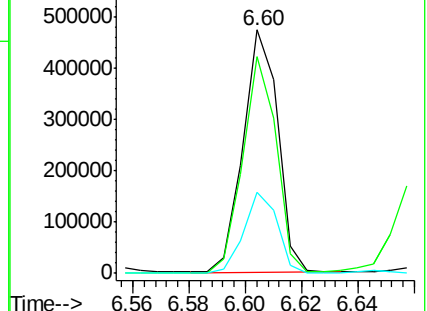
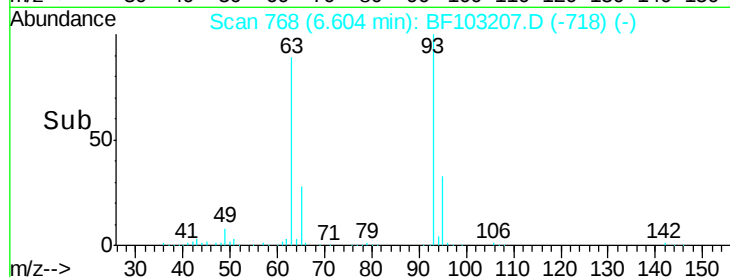
95 33.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.562 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

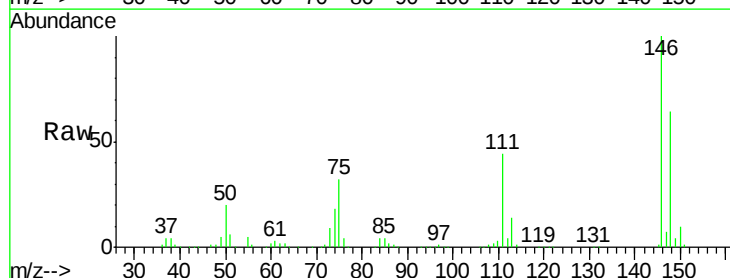
Tgt Ion: 146 Resp: 418109

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

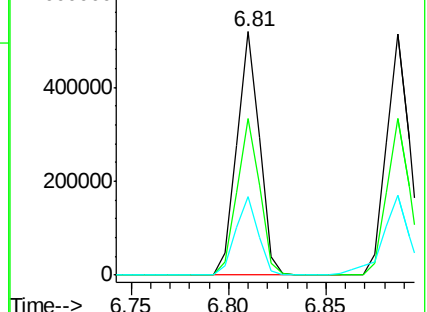
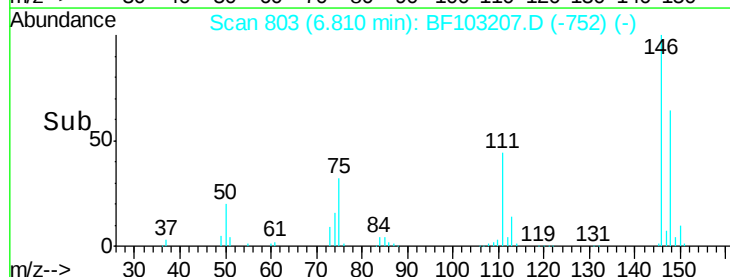
75 32.0 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

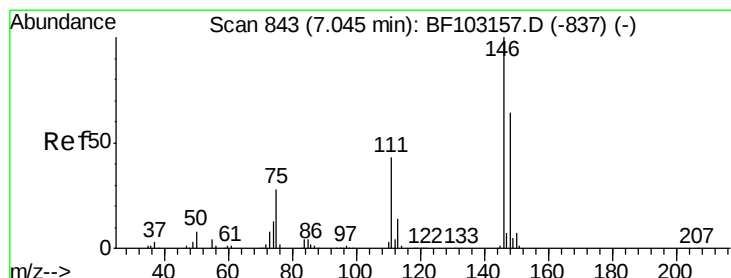
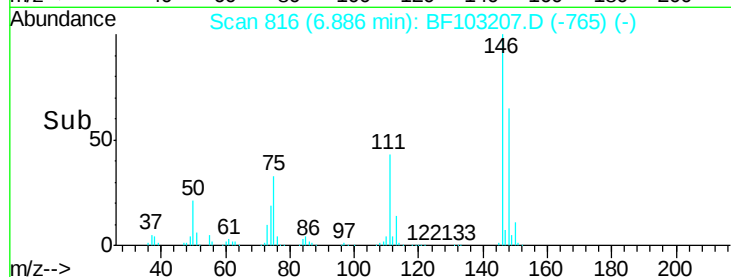
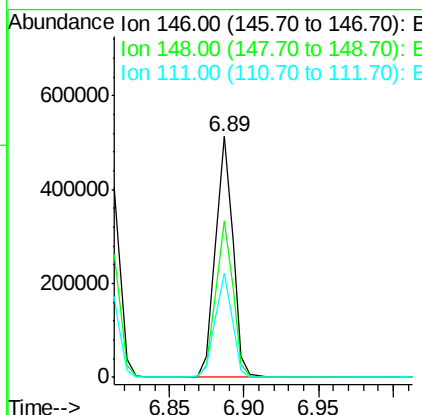
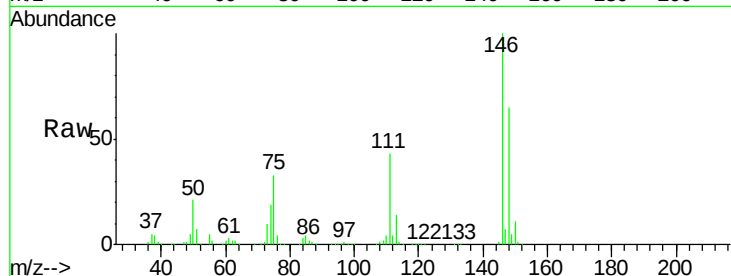




#13
 1,4-Dichlorobenzene
 Concen: 35.543 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

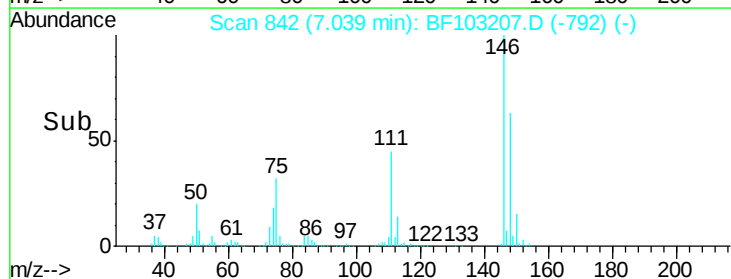
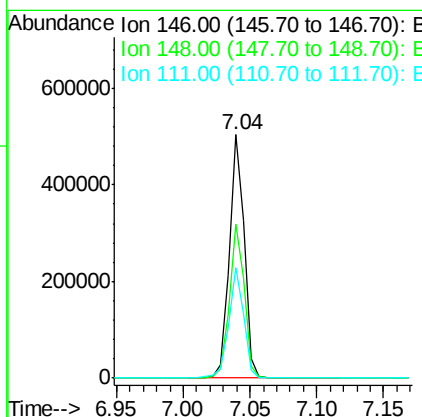
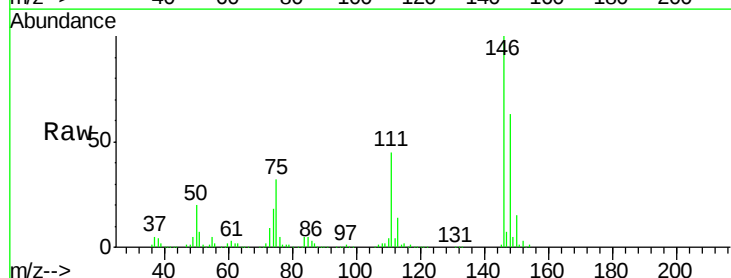
Instrument :
 BNA_F
 ClientSampleId :

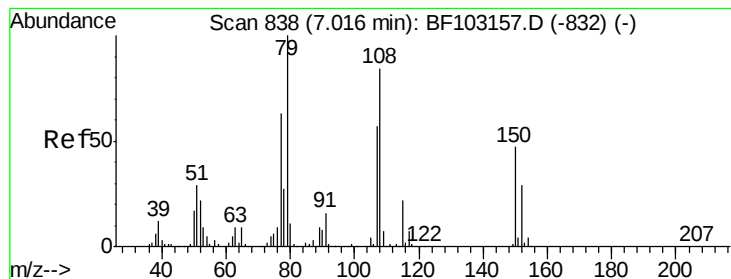
Tot Ion:146 Resp: 418971
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 43.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.486 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion:146 Resp: 396572
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 45.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.387 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampled :

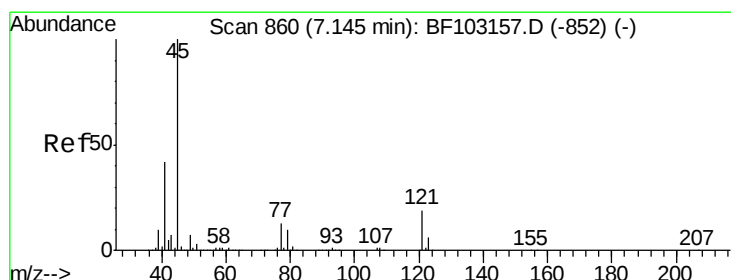
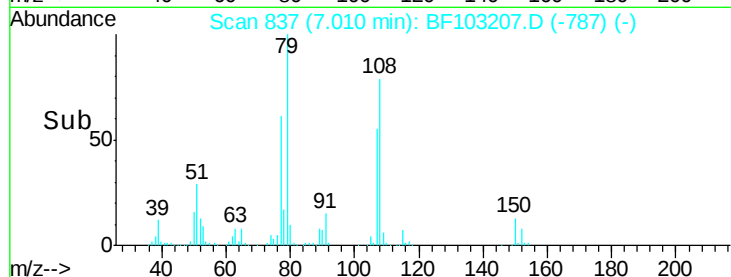
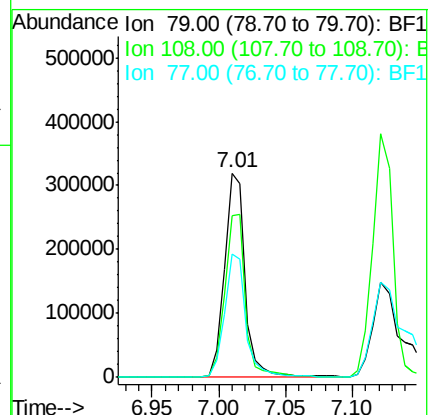
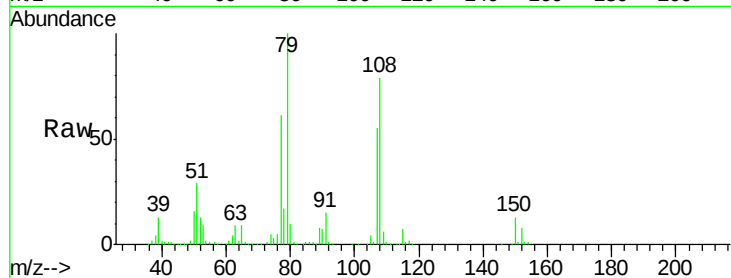
Tot Ion: 79 Resp: 350553

Ion Ratio Lower Upper

79 100

108 79.2 65.1 97.7

77 60.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.815 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

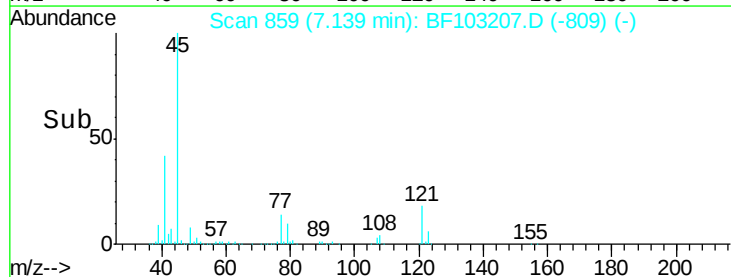
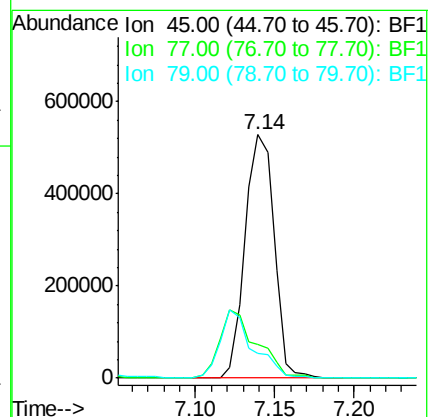
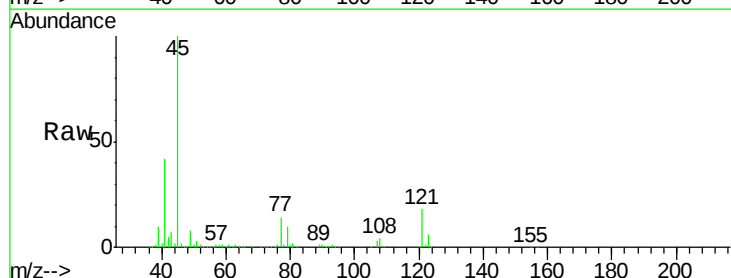
Tgt Ion: 45 Resp: 675024

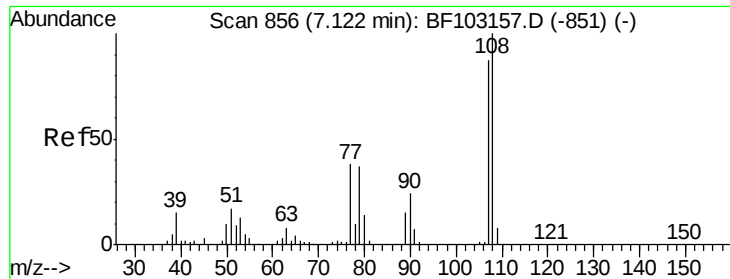
Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.9

79 10.2 0.0 29.6

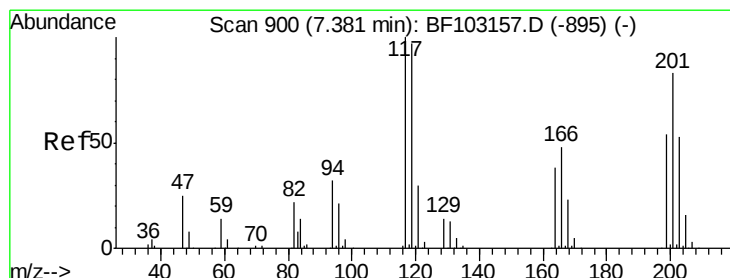
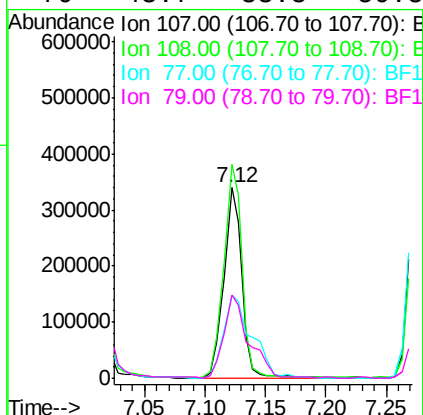
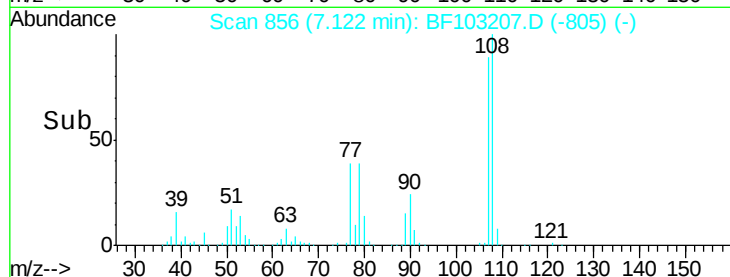
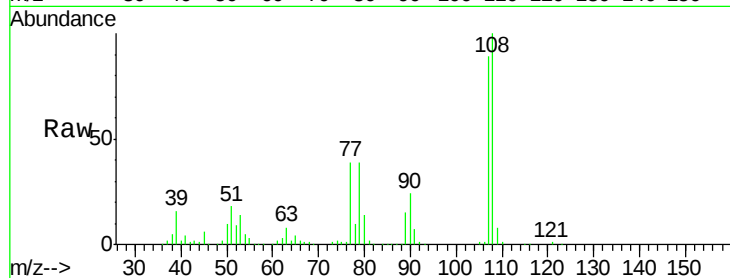




#17
2-Methylphenol
Concen: 37.303 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

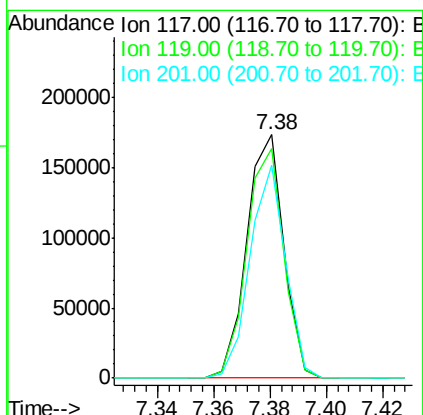
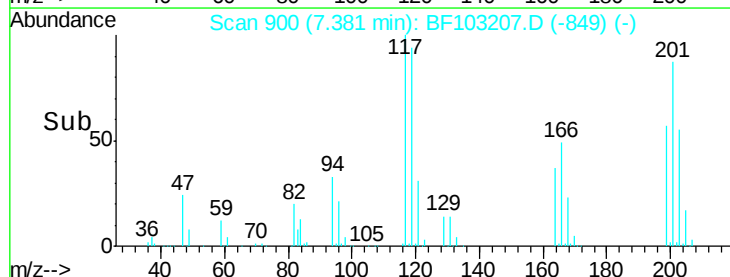
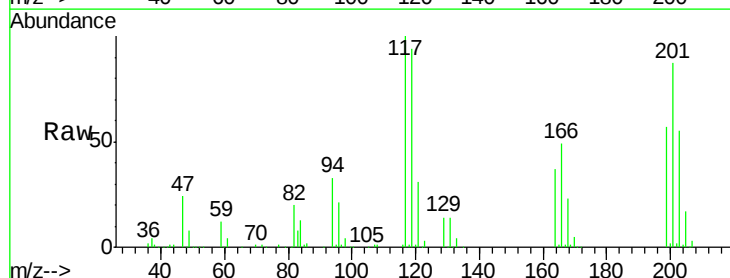
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	44.0	33.8	50.8
79	43.7	33.8	50.8



#18
Hexachloroethane
Concen: 36.659 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	87.3	75.7	113.5

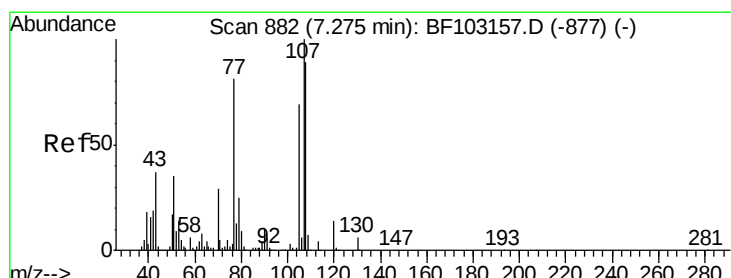
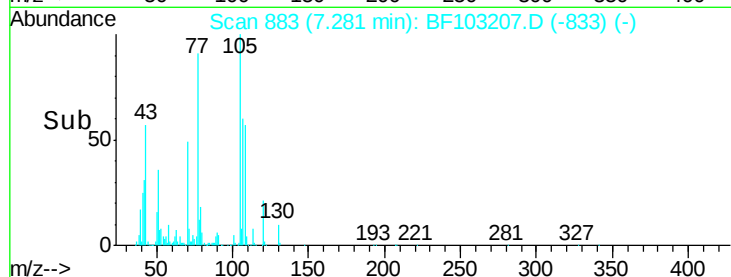
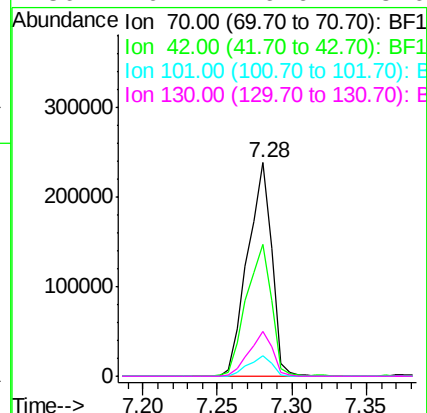
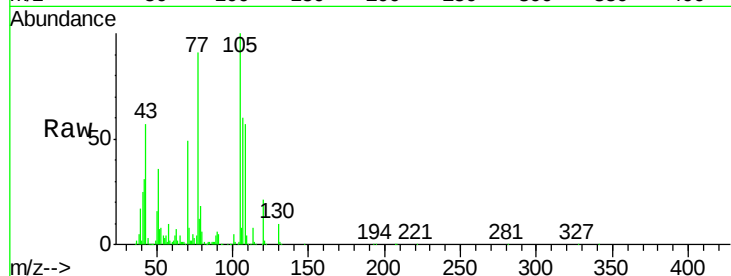




#19
n-Nitroso-di-n-propylamine
Concen: 35.586 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

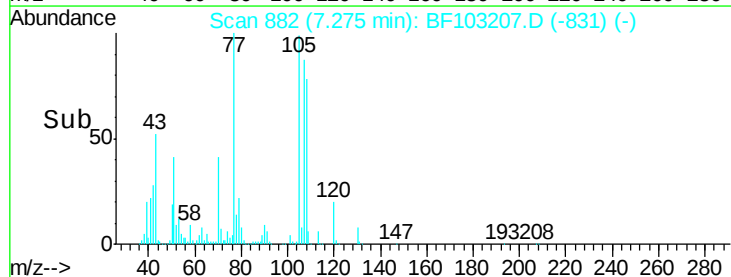
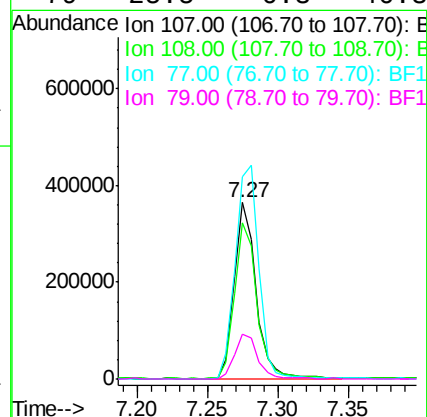
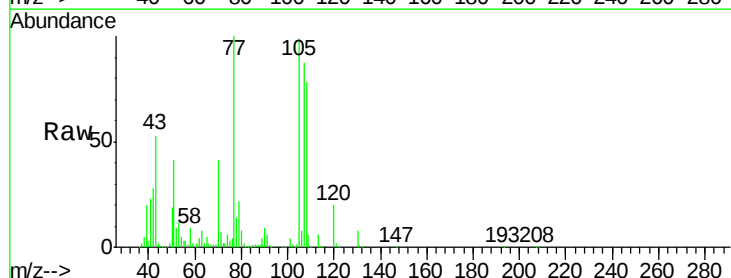
Instrument :
BNA_F
ClientSampleId :

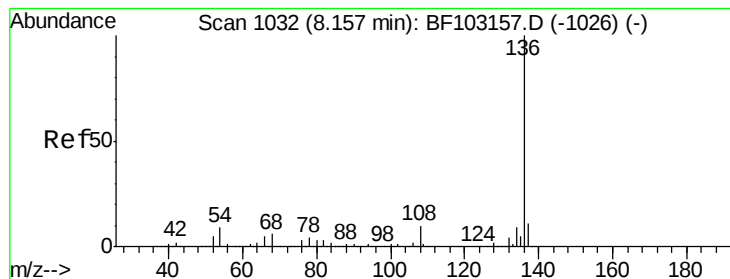
Tot Ion: 70 Resp: 268398
Ion Ratio Lower Upper
70 100
42 61.9 47.5 71.3
101 9.3 7.4 11.2
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 34.506 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion: 107 Resp: 393273
Ion Ratio Lower Upper
107 100
108 88.7 68.2 108.2
77 114.3 26.7 66.7#
79 25.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 640279

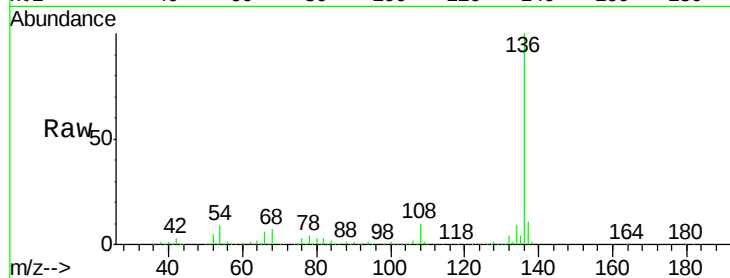
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 6.6 5.0 7.4

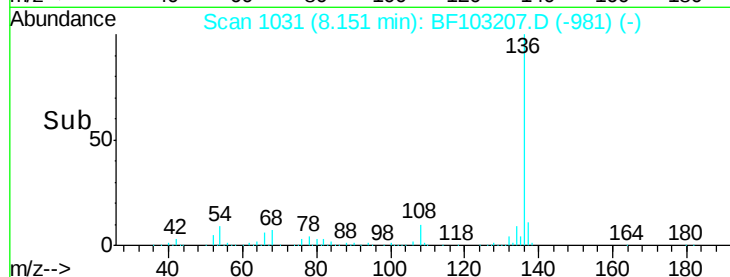


Abundance Ion 136.00 (135.70 to 136.70): E

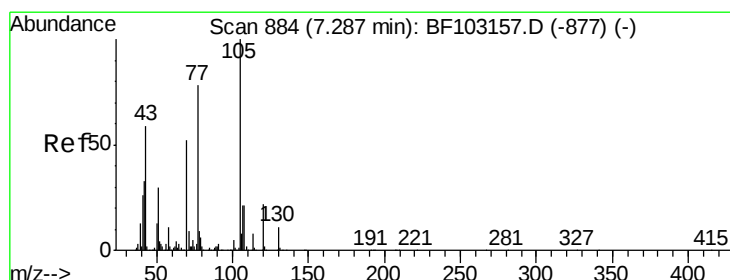
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 35.428 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:105 Resp: 529474

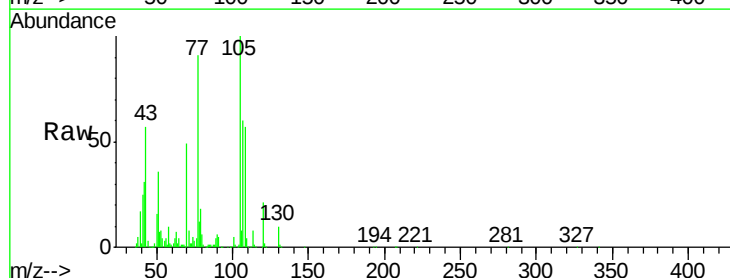
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 35.8 22.3 33.5#

120 21.3 16.9 25.3

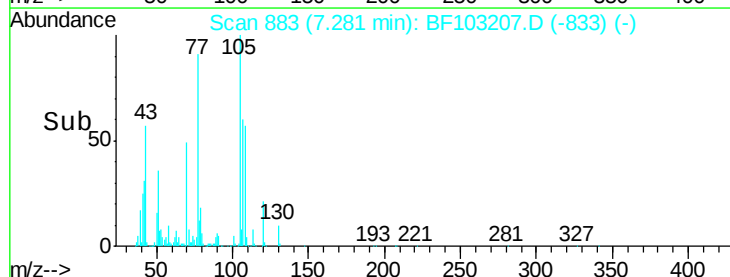


Abundance Ion 105.00 (104.70 to 105.70): E

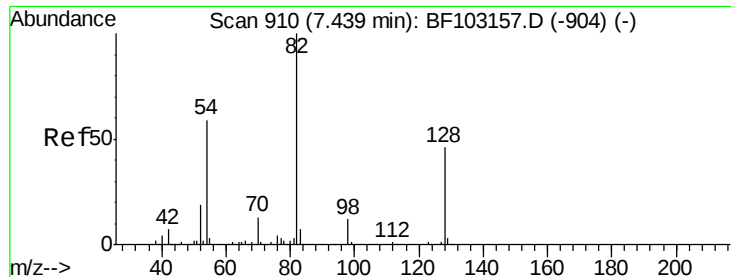
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



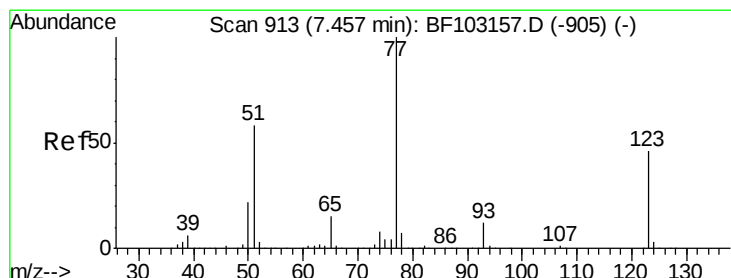
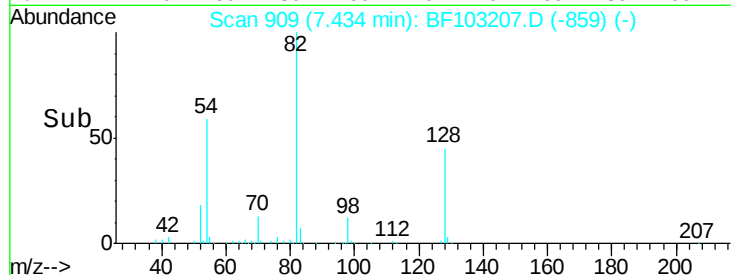
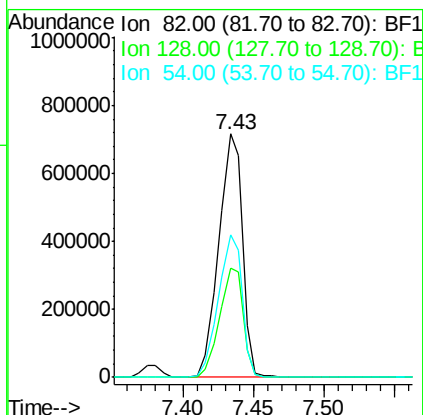
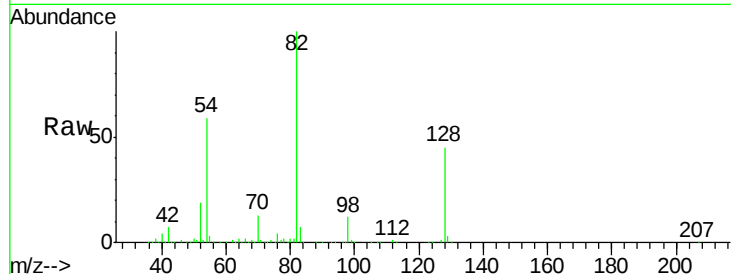
Time-->



#23
 Nitrobenzene-d5
 Concen: 74.568 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

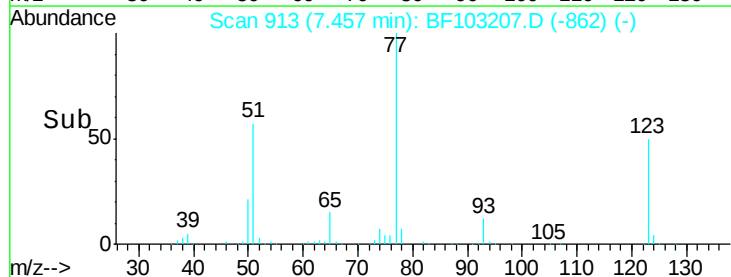
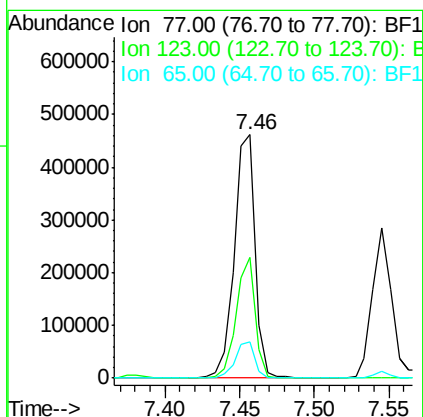
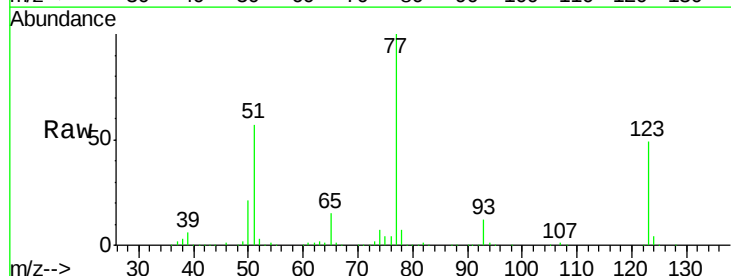
Instrument :
 BNA_F
 ClientSampled :

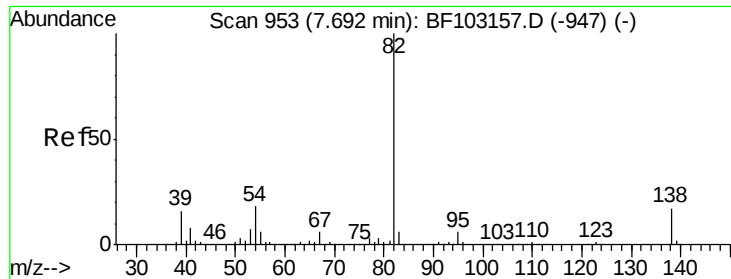
Tot Ion	82	Resp	836030
Ion Ratio	100	Lower	Upper
128	44.6	36.1	54.1
54	58.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 36.424 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion	77	Resp	449615
Ion Ratio	100	Lower	Upper
123	49.5	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 37.790 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

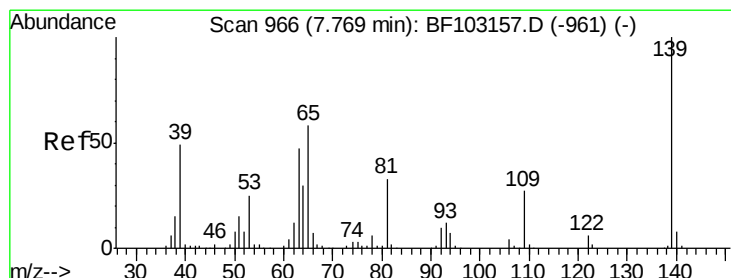
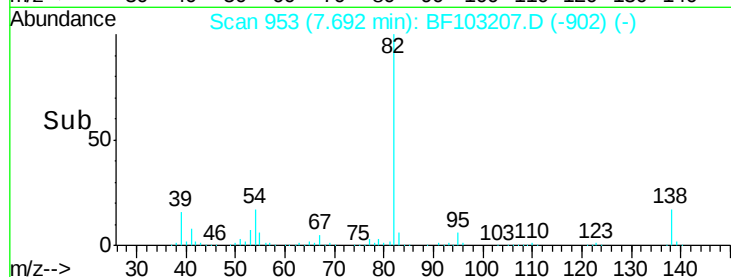
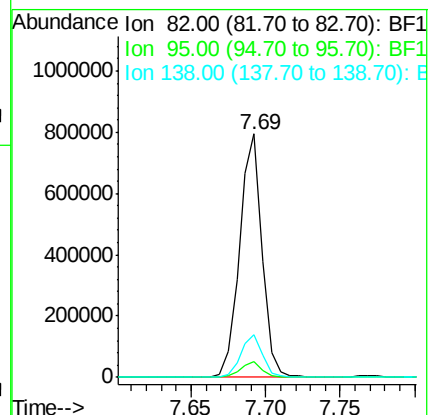
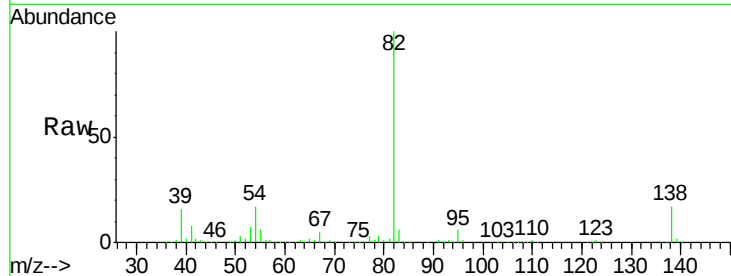
Tot Ion: 82 Resp: 834446

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 38.894 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

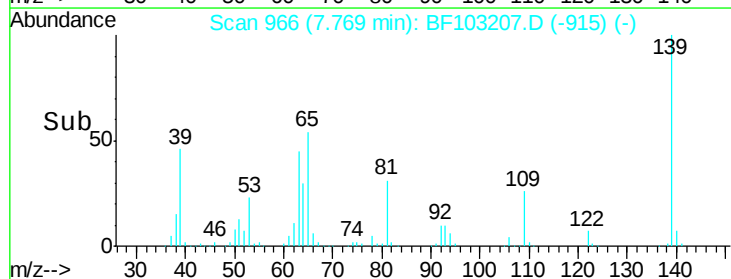
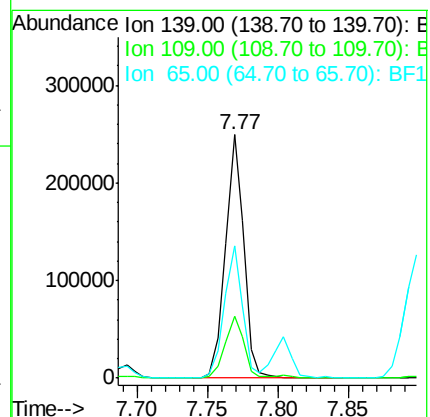
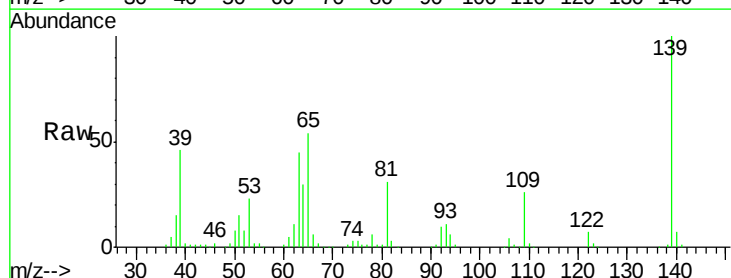
Tgt Ion: 139 Resp: 226019

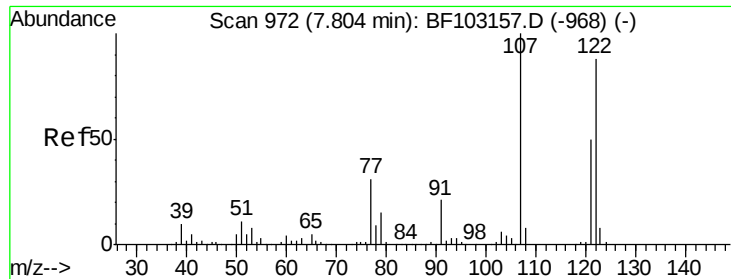
Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 54.4 40.5 60.7

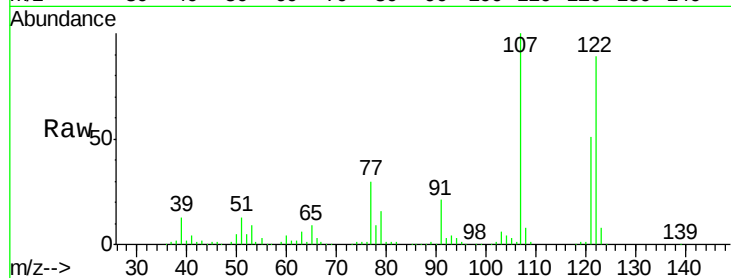




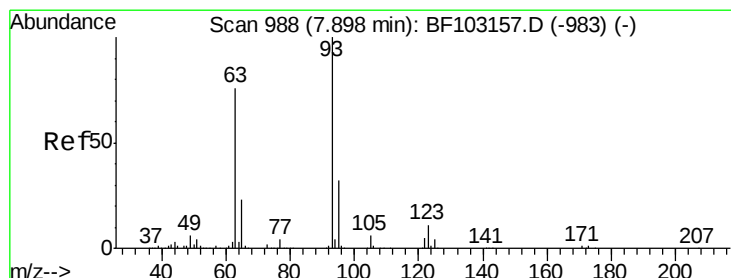
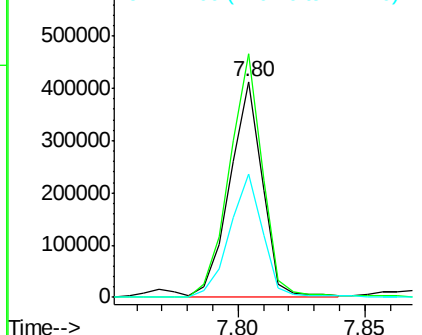
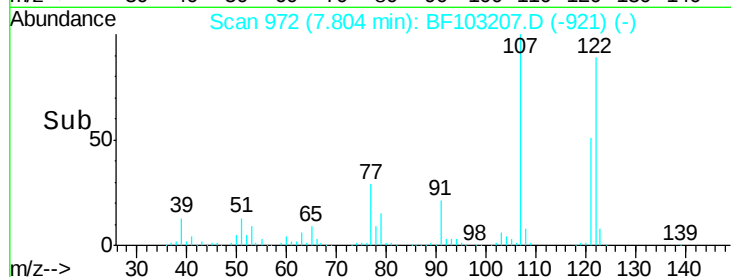
#27
2,4-Dimethylphenol
Concen: 41.578 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 369316
Ion Ratio Lower Upper
122 100
107 112.9 91.2 136.8
121 57.3 47.2 70.8

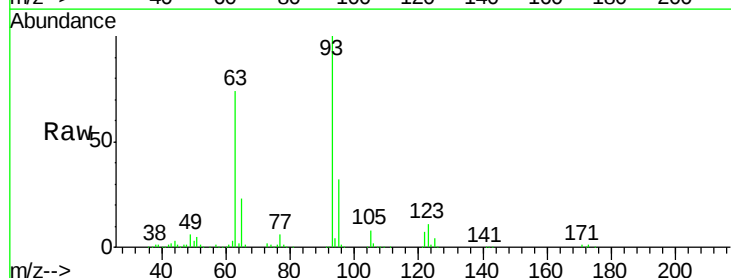


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

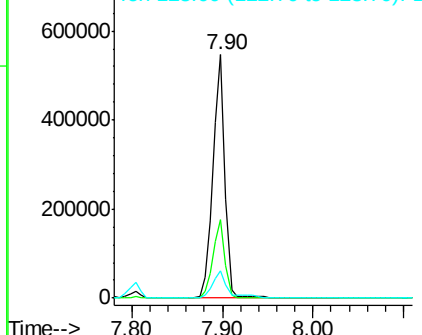
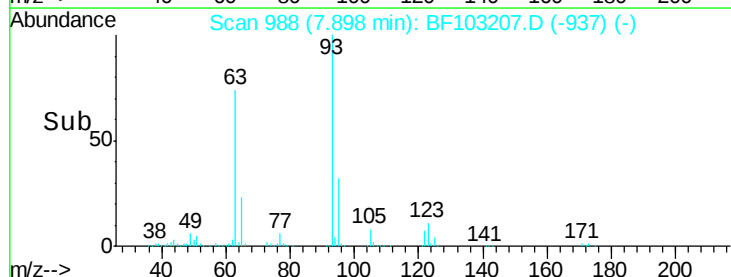


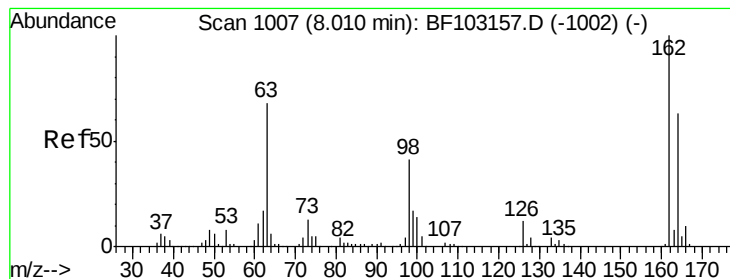
#28
bis(2-Chloroethoxy)methane
Concen: 39.217 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion: 93 Resp: 509133
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 11.4 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: 39.268 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

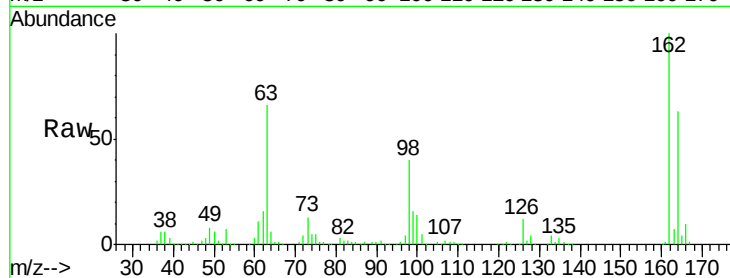
Tot Ion:162 Resp: 333940

Ion Ratio Lower Upper

162 100

164 63.3 42.7 82.7

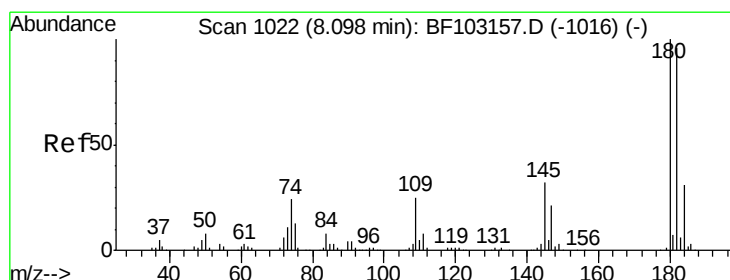
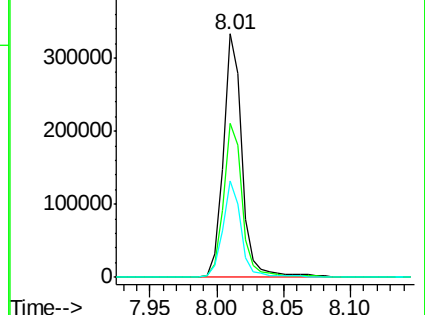
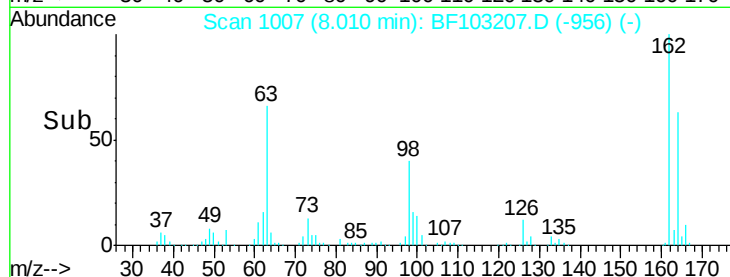
98 39.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 35.380 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

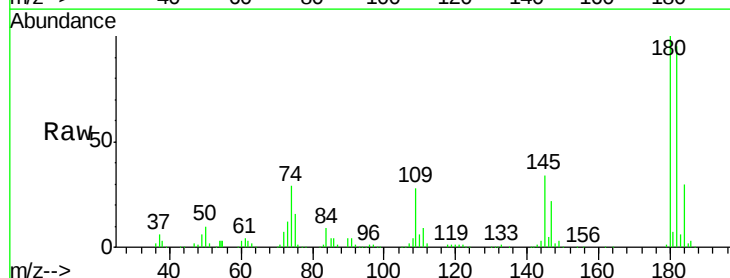
Tgt Ion:180 Resp: 320401

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

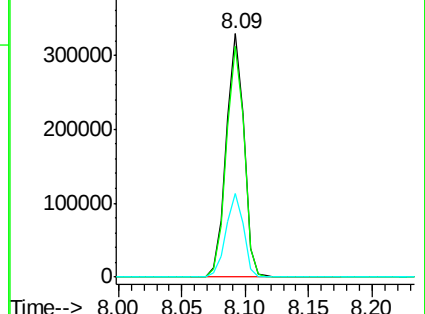
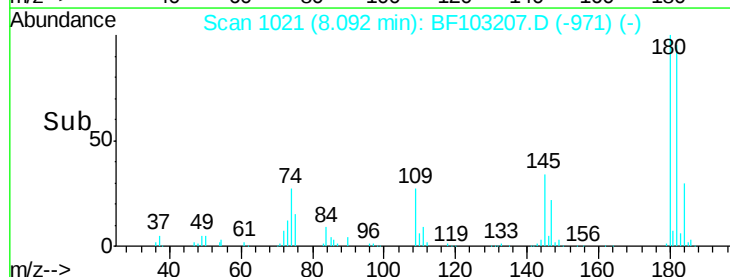
145 34.2 26.5 39.7

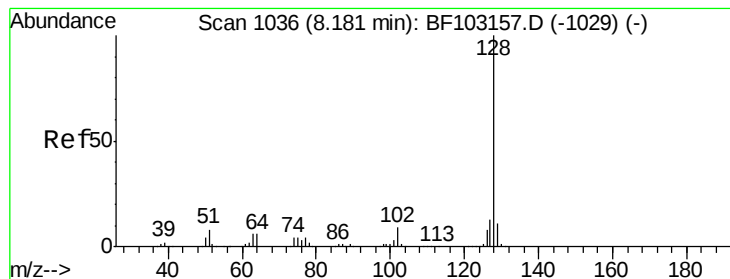


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.665 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

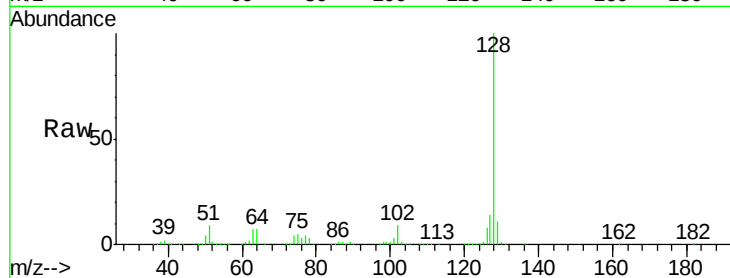
Tot Ion:128 Resp: 1149330

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

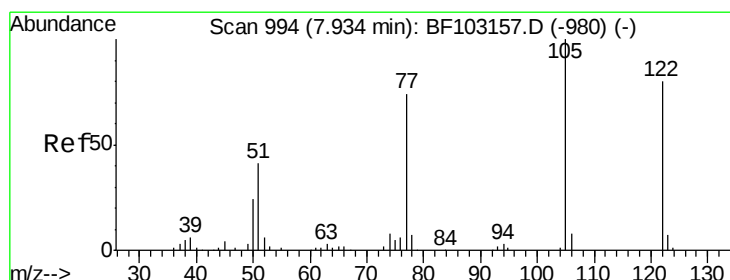
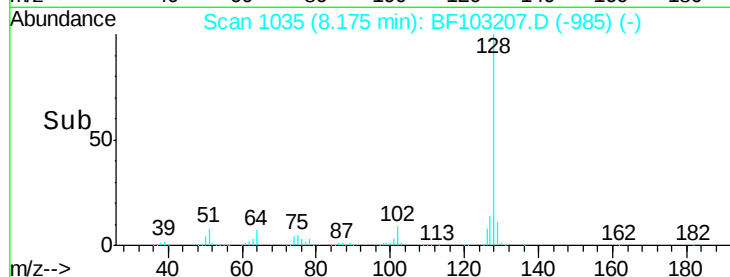
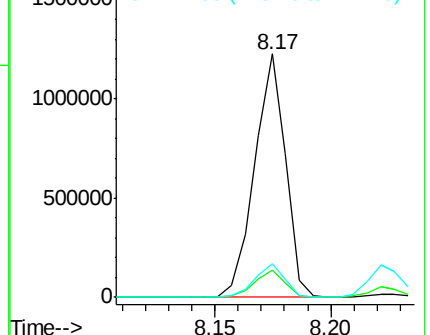
127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.219 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

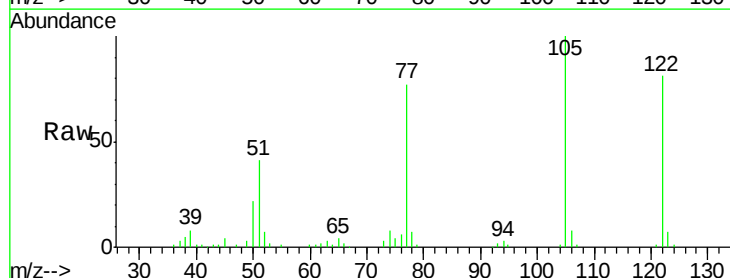
Tgt Ion:122 Resp: 241014

Ion Ratio Lower Upper

122 100

105 123.9 101.1 141.1

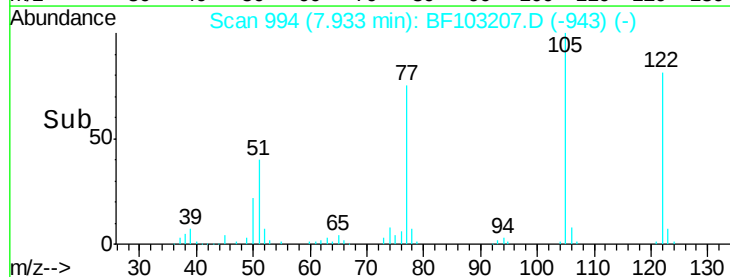
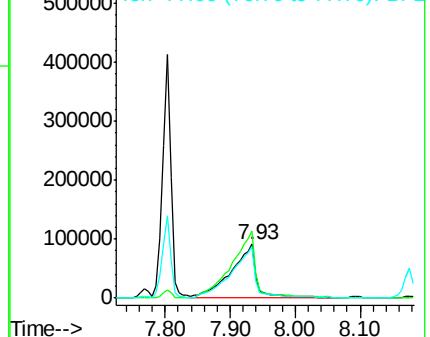
77 94.8 70.7 110.7

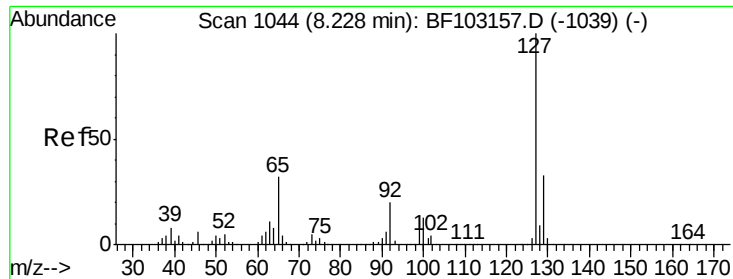


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

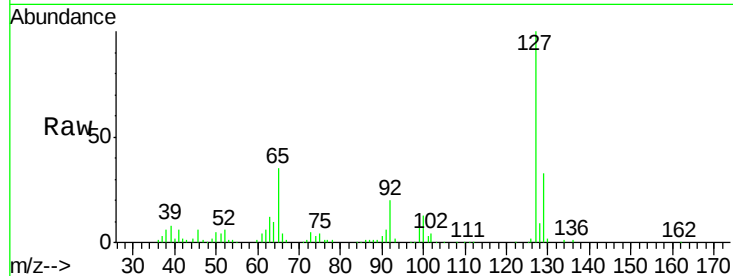




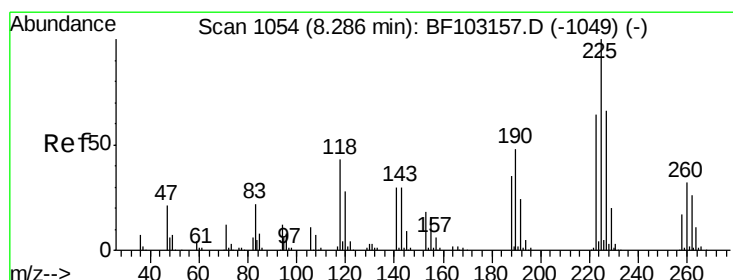
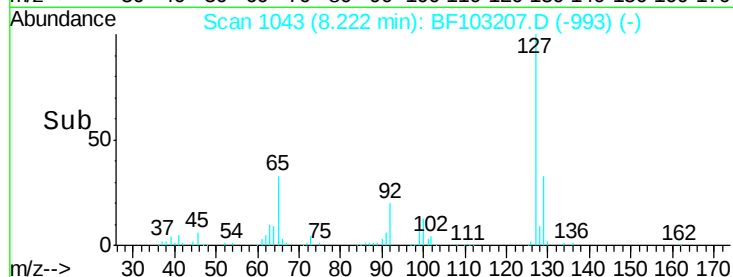
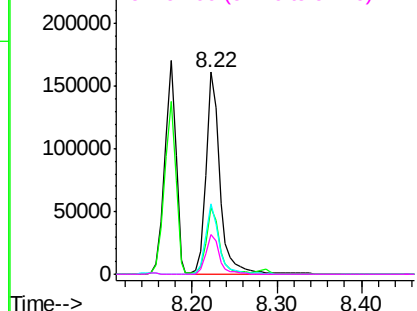
#33
4-Chloroaniline
Concen: 13.635 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	184442
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	34.8	25.0	37.4
92	19.8	15.2	22.8

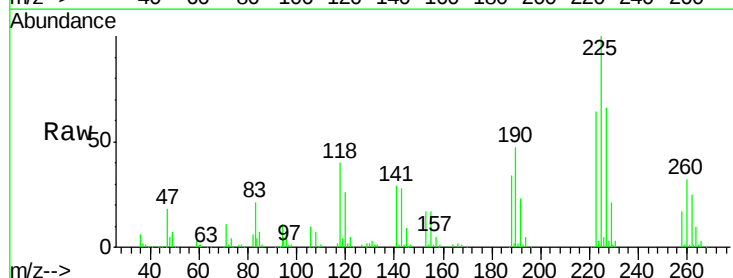


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

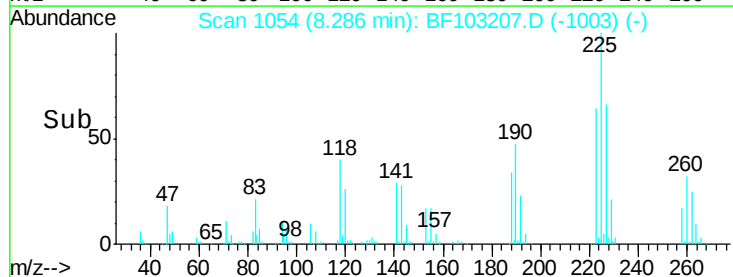
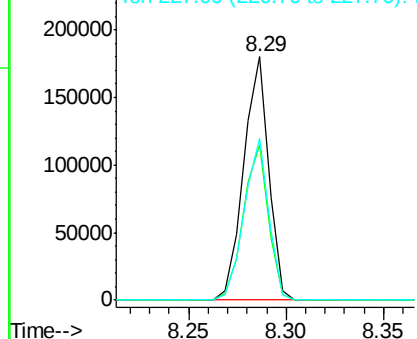


#34
Hexachlorobutadiene
Concen: 33.998 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:	225	Resp:	160327
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	66.2	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

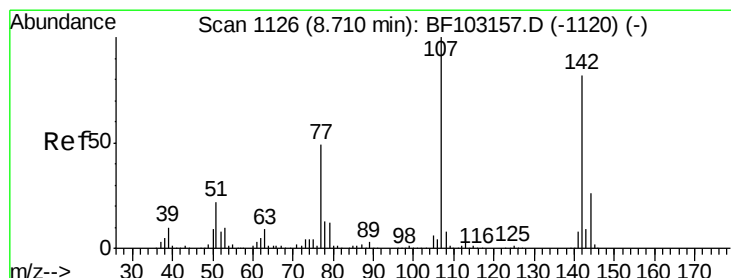
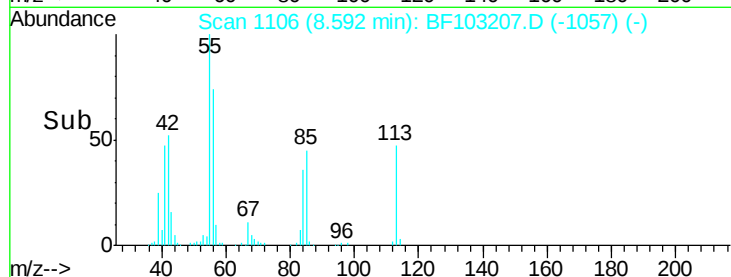
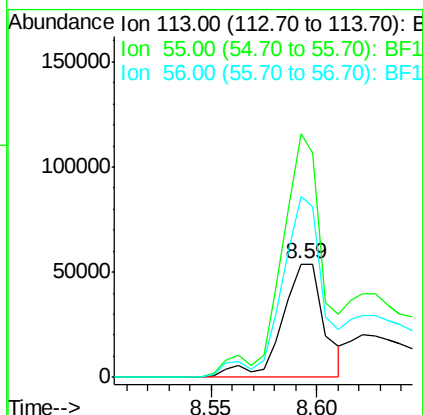
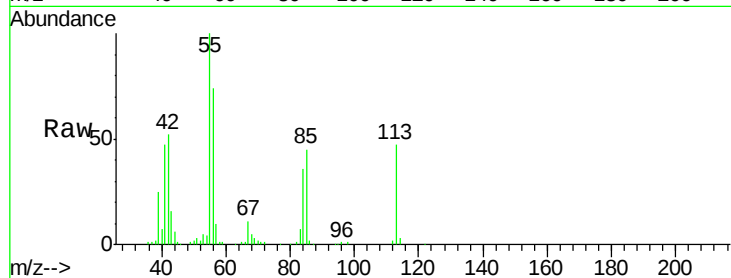




#35
Caprolactam
Concen: 25.169 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

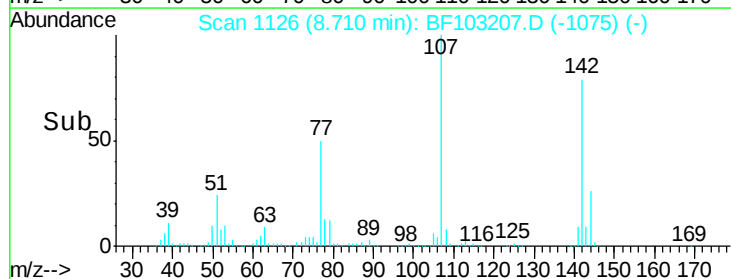
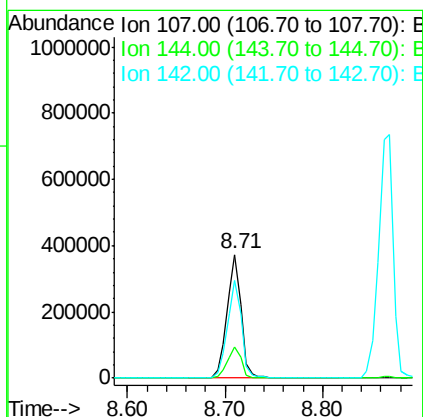
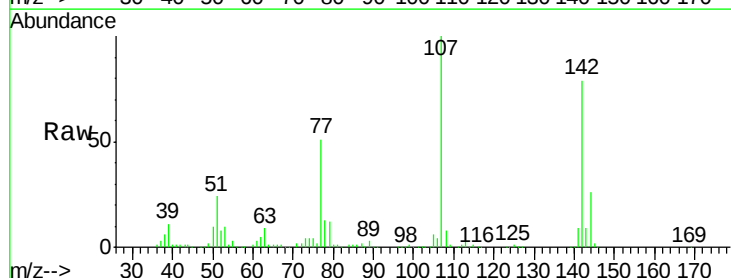
Instrument :
BNA_F
ClientSampleId :

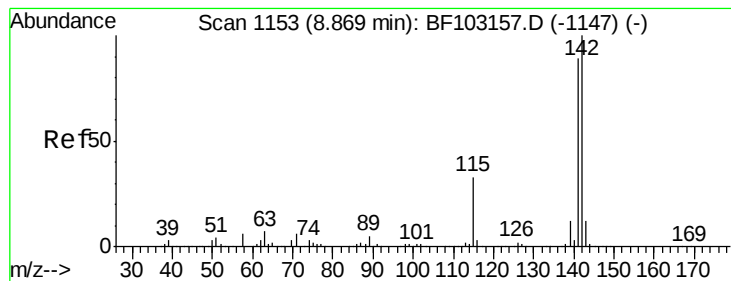
Tot Ion:113 Resp: 75227
Ion Ratio Lower Upper
113 100
55 214.2 163.3 203.3#
56 159.3 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 39.220 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:107 Resp: 376201
Ion Ratio Lower Upper
107 100
144 25.5 20.5 30.7
142 79.4 62.0 93.0

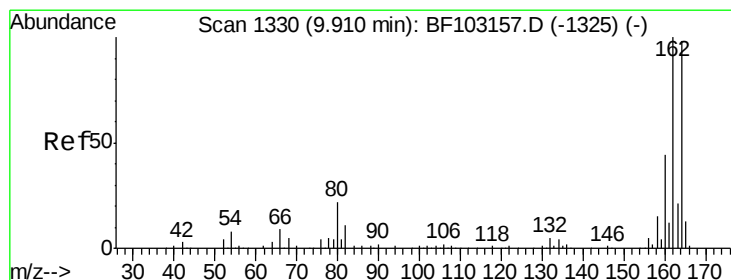
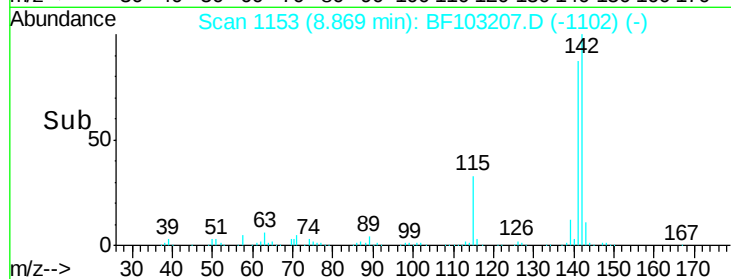
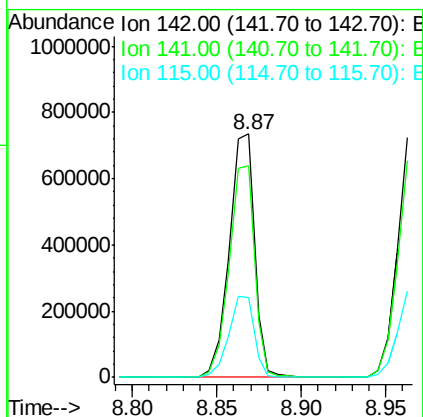
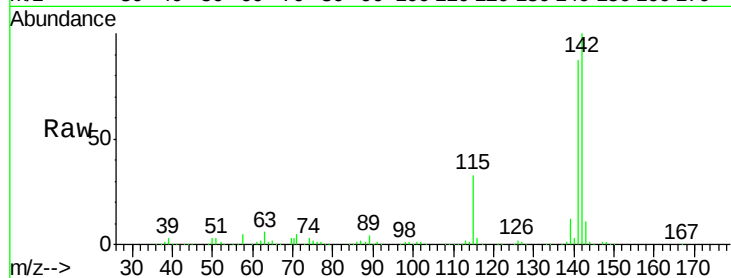




#37
 2-Methylnaphthalene
 Concen: 37.797 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

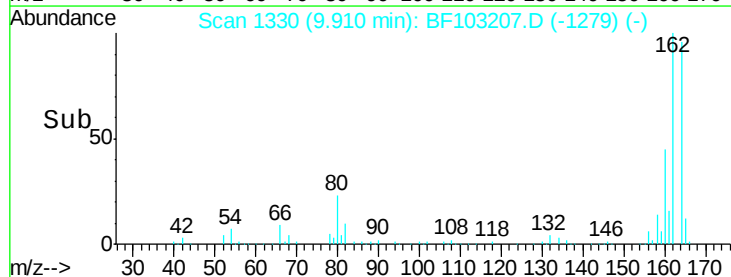
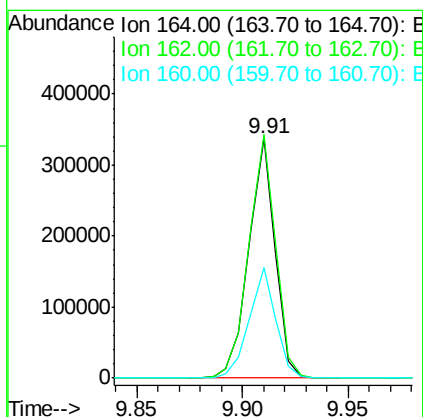
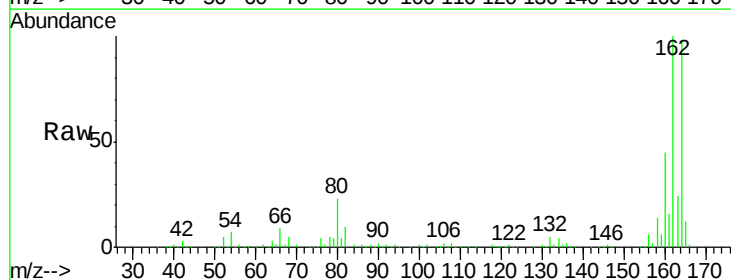
Instrument :
 BNA_F
 ClientSampleId :

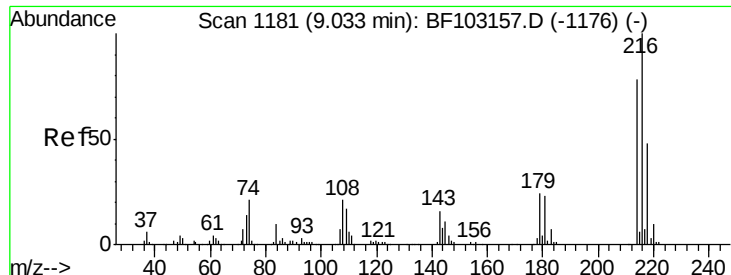
Tot Ion:142 Resp: 765716
 Ion Ratio Lower Upper
 142 100
 141 87.1 70.8 106.2
 115 32.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion:164 Resp: 293489
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 46.0 38.3 57.5

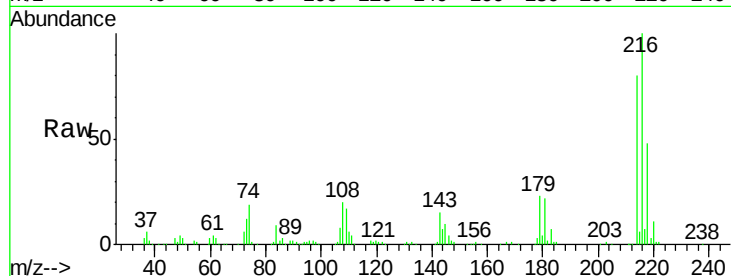




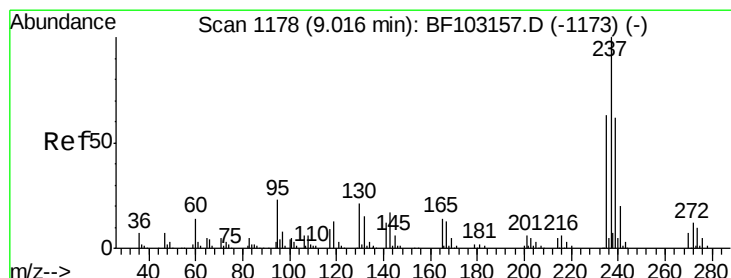
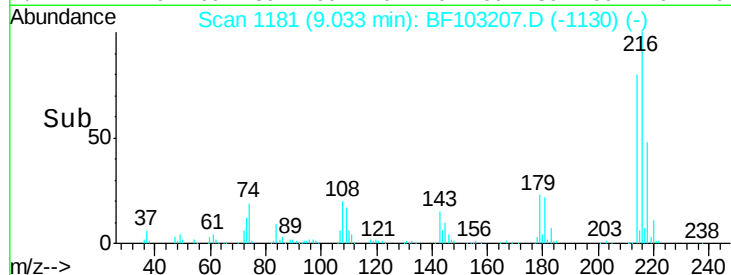
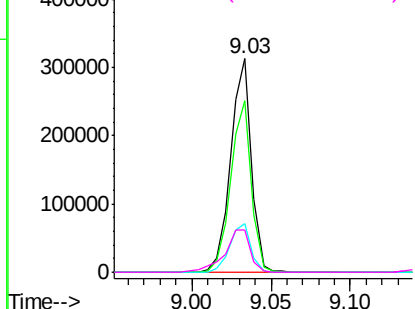
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.261 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	282917
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	23.1	18.1	27.1
108	24.7	17.2	25.8

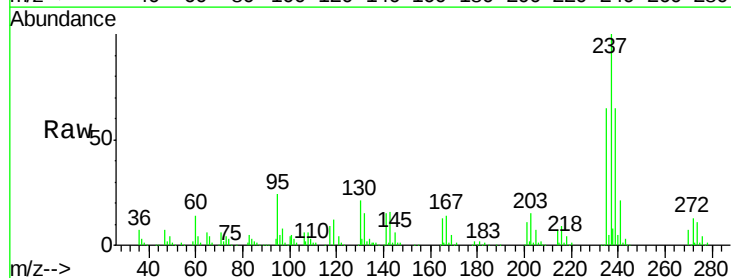


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

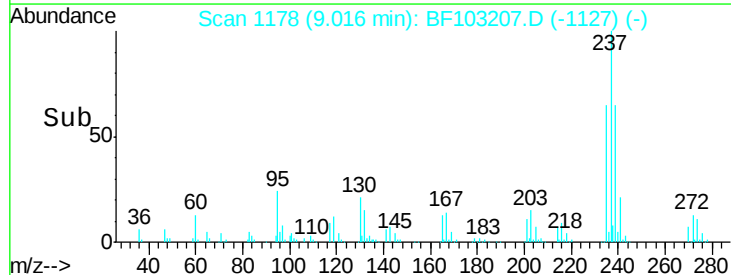
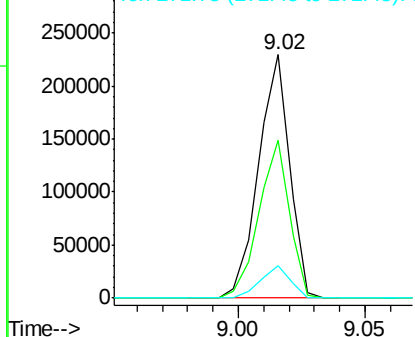


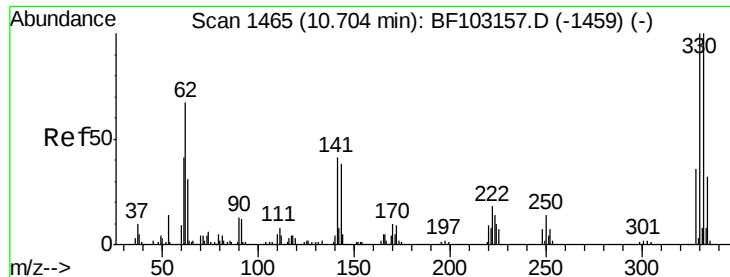
#40
 Hexachlorocyclopentadiene
 Concen: 70.796 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion:	237	Resp:	196967
Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.8	84.8
272	13.3	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

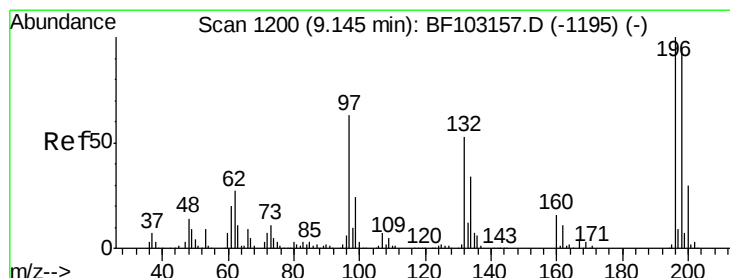
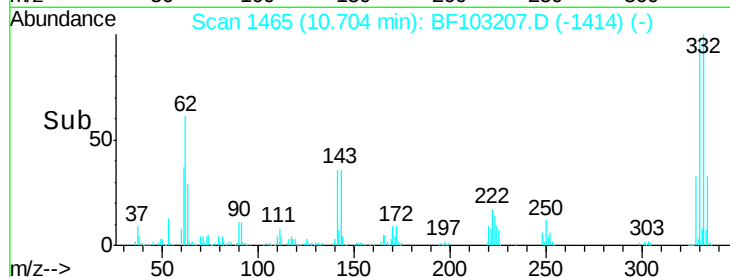
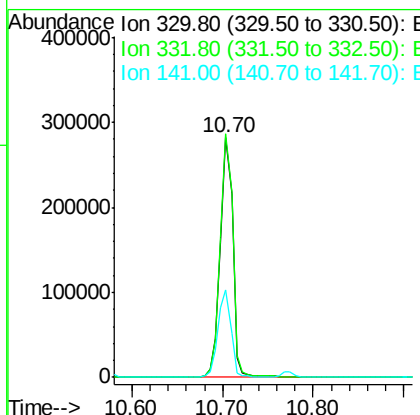
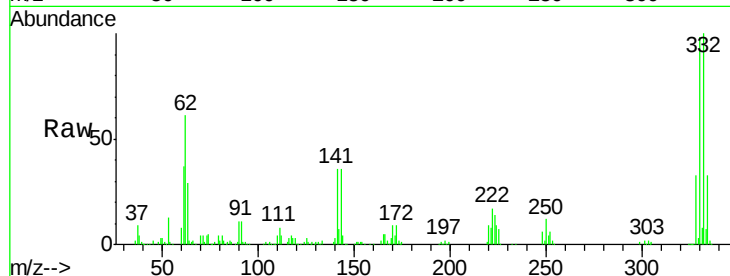




#41
 2,4,6-Tribromophenol
 Concen: 108.250 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

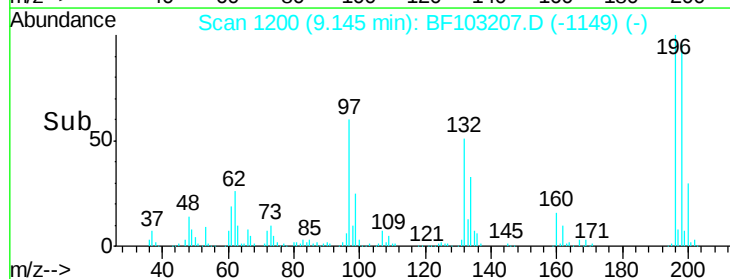
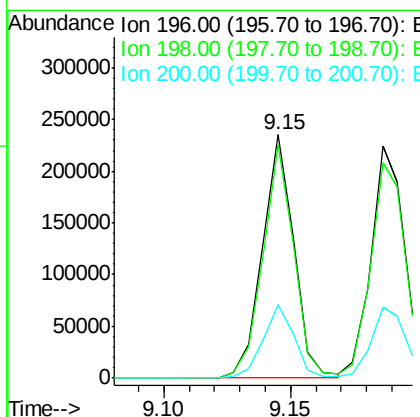
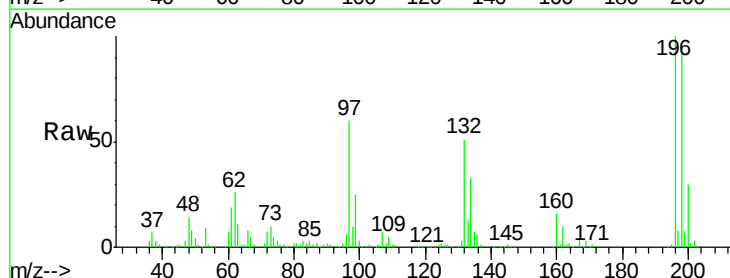
Instrument :
 BNA_F
 ClientSampleId :

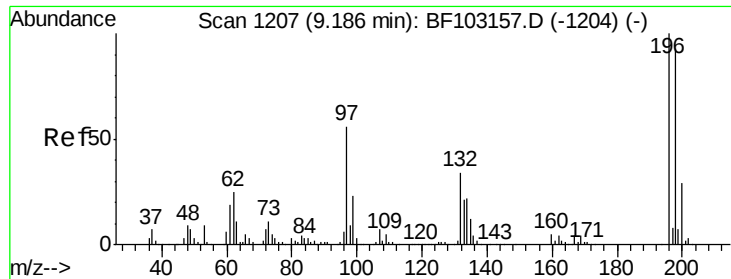
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.0	77.0	115.6
141	38.1	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.949 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	30.3	24.5	36.7

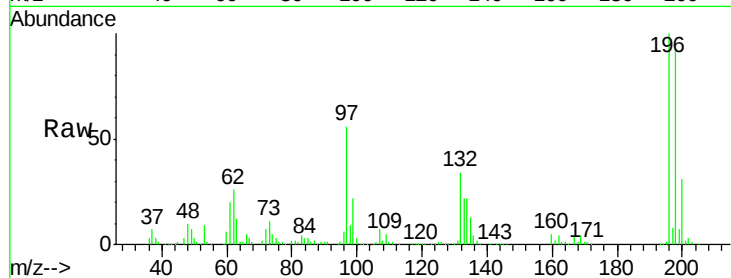




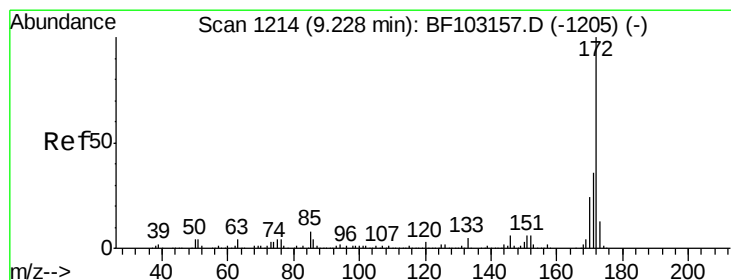
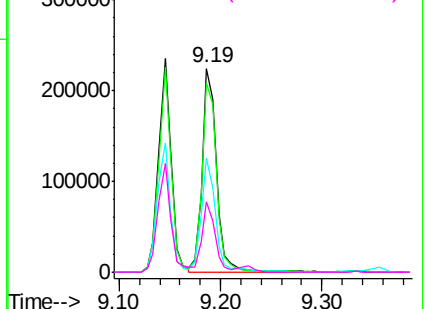
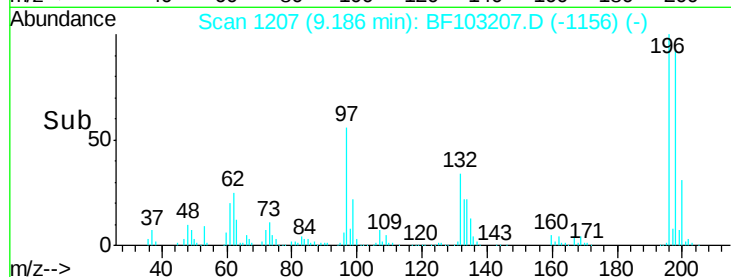
#43
2,4,5-Trichlorophenol
Concen: 35.372 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 219640
Ion Ratio Lower Upper
196 100
198 92.8 74.6 112.0
97 55.8 42.9 64.3
132 34.4 26.3 39.5

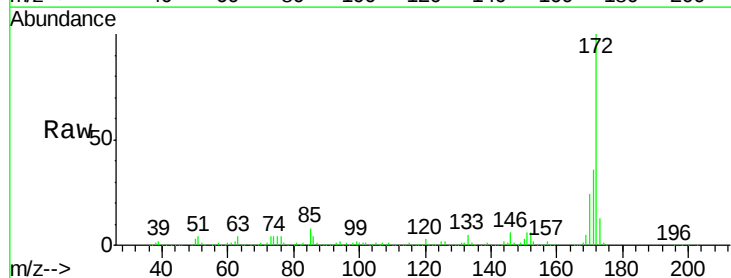


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

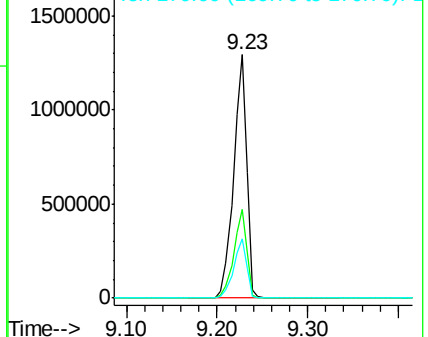
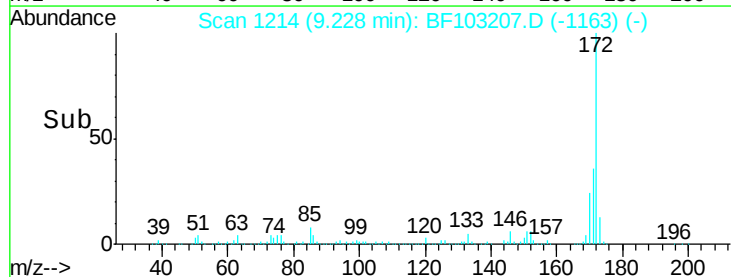


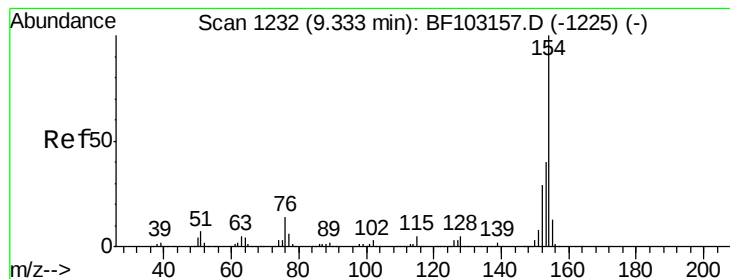
#44
2-Fluorobiphenyl
Concen: 75.022 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:172 Resp: 1314677
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 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: 35.434 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

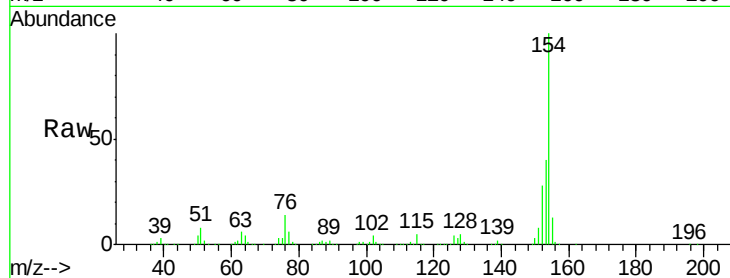
Tot Ion:154 Resp: 871423

Ion Ratio Lower Upper

154 100

153 39.7 21.3 61.3

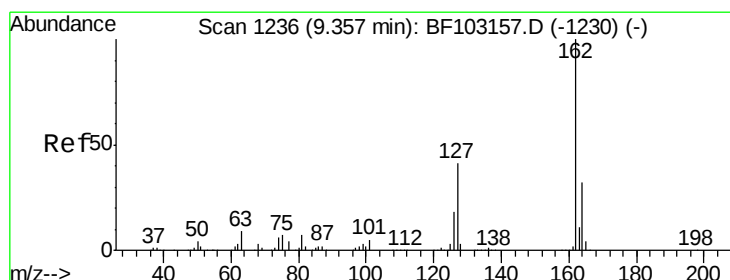
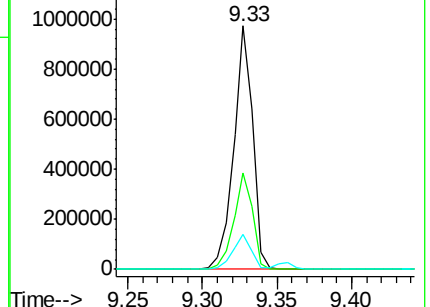
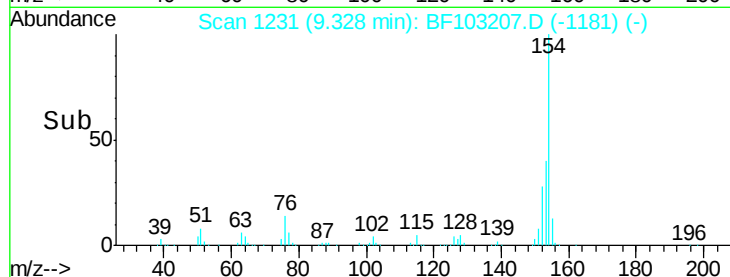
76 14.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.453 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

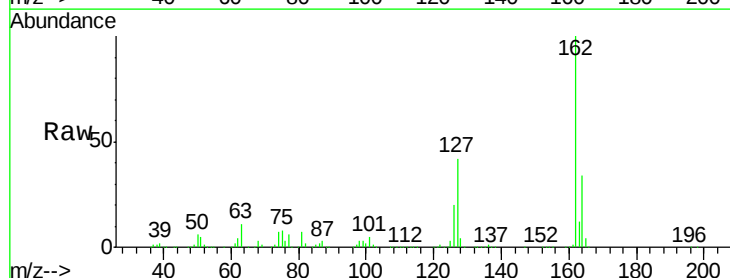
Tgt Ion:162 Resp: 689785

Ion Ratio Lower Upper

162 100

127 41.5 33.9 50.9

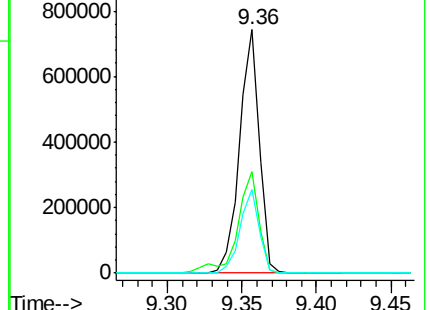
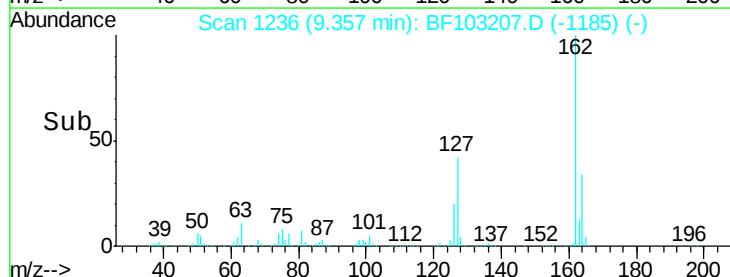
164 34.3 26.5 39.7

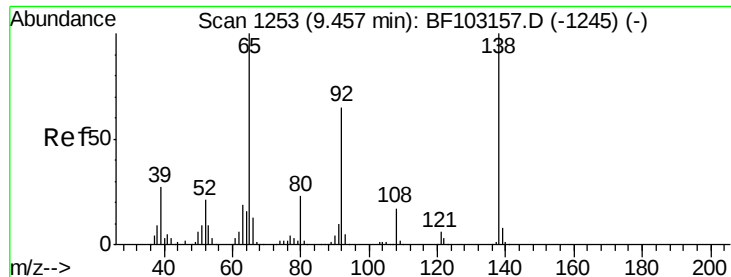


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.802 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

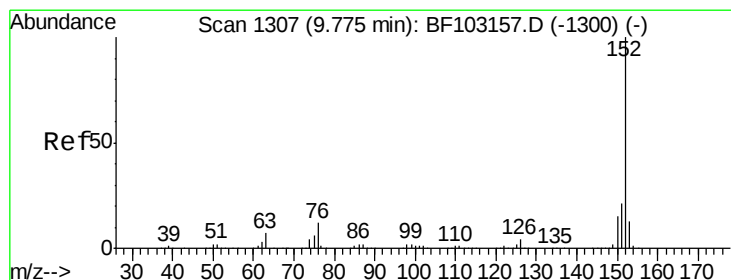
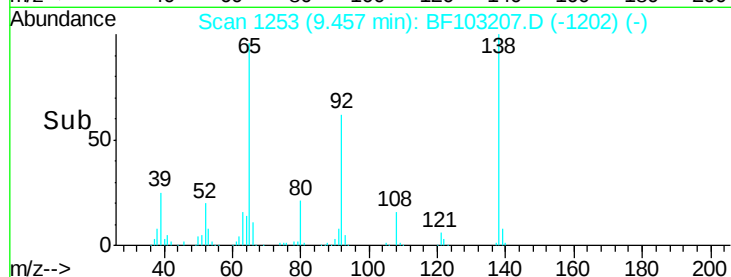
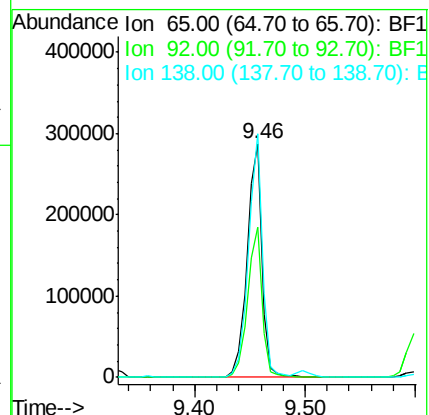
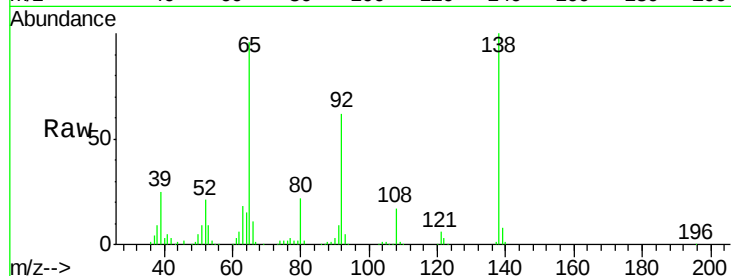
Tot Ion: 65 Resp: 272435

Ion Ratio Lower Upper

65 100

92 64.4 55.8 83.6

138 104.3 91.2 136.8



#48

Acenaphthylene

Concen: 35.801 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

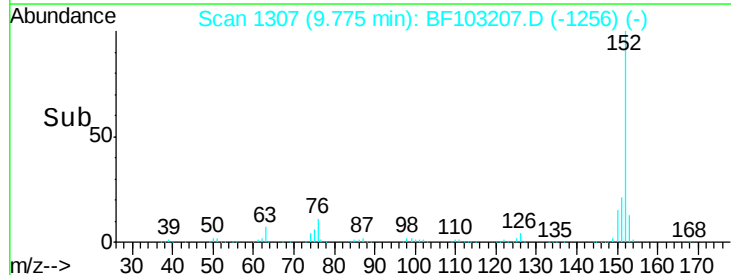
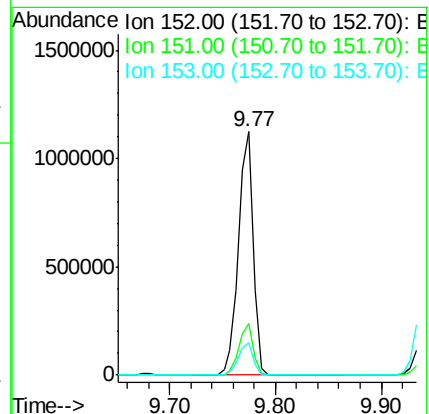
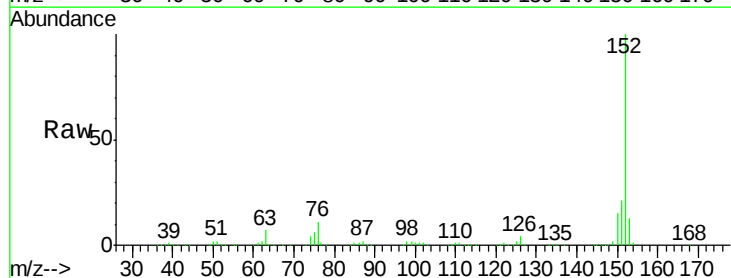
Tgt Ion: 152 Resp: 1071716

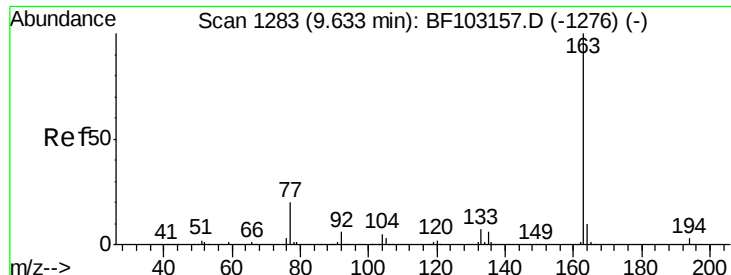
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.1 10.7 16.1

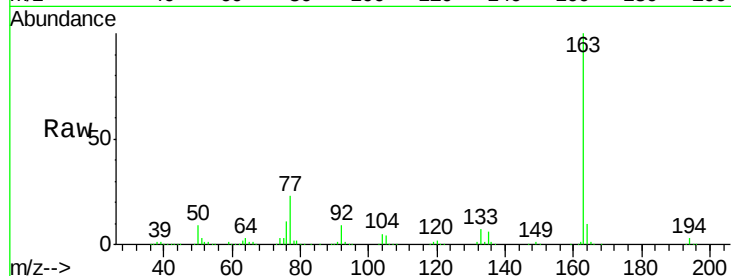




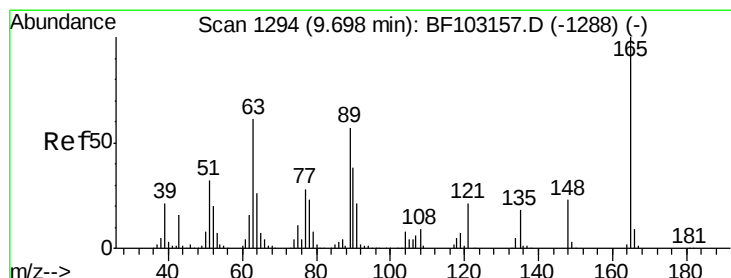
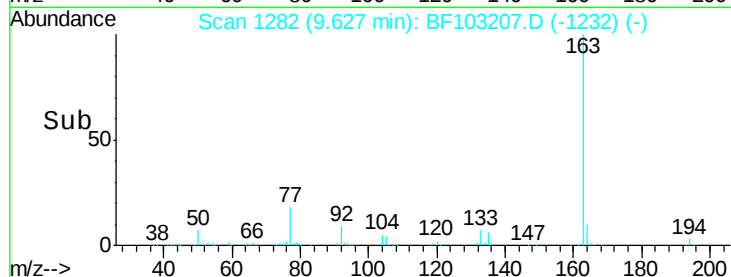
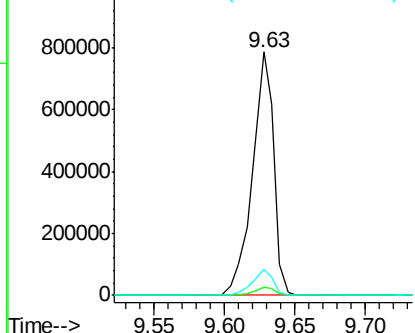
#49
Dimethylphthalate
Concen: 35.424 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 834023
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.2 12.2

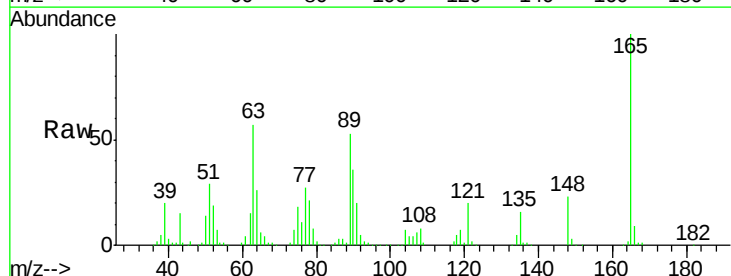


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

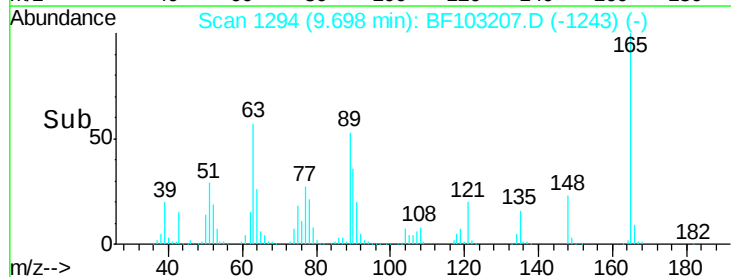
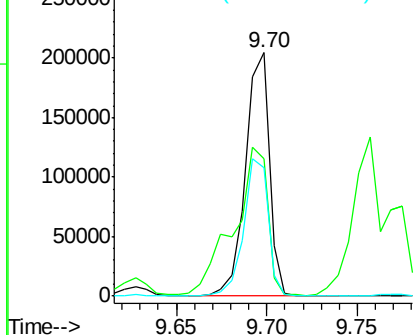


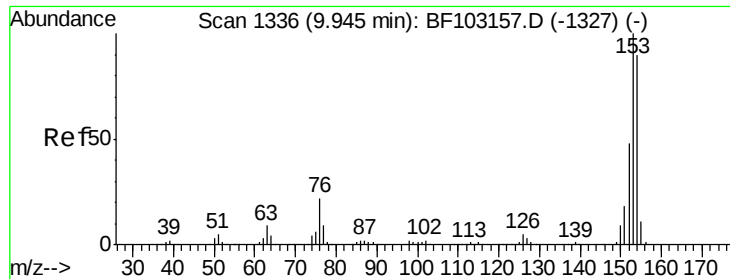
#50
2,6-Dinitrotoluene
Concen: 37.946 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:165 Resp: 187485
Ion Ratio Lower Upper
165 100
63 56.7 44.7 67.1
89 52.8 44.0 66.0



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





#51

Acenaphthene

Concen: 35.145 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

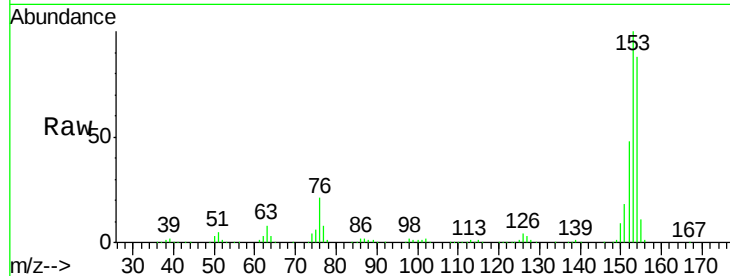
Tot Ion:154 Resp: 613487

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

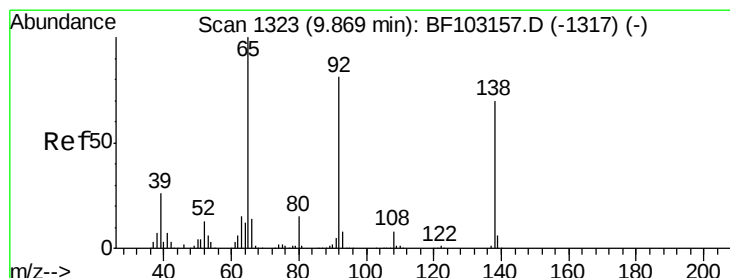
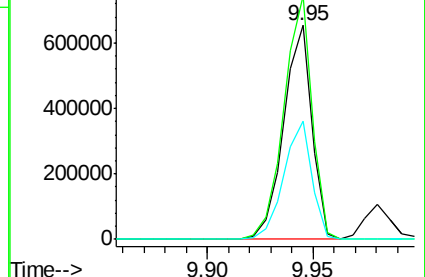
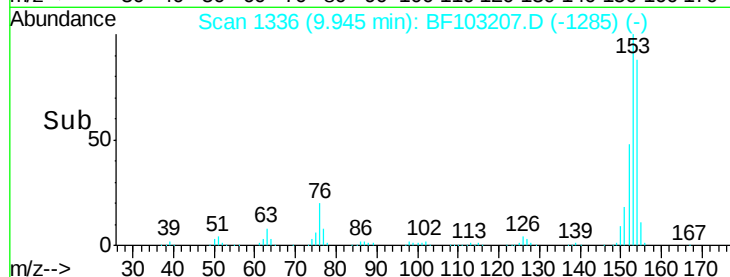
152 55.1 43.8 65.8



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: 20.841 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

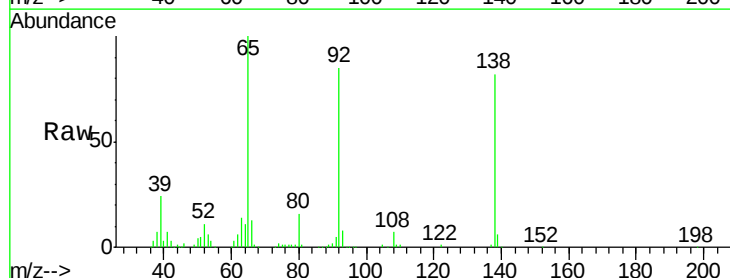
Tgt Ion:138 Resp: 130640

Ion Ratio Lower Upper

138 100

108 9.1 9.4 14.0#

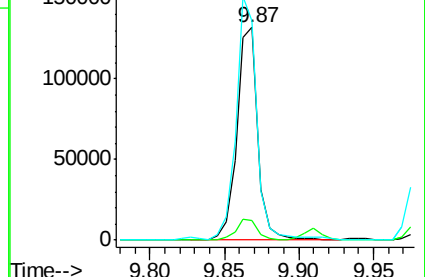
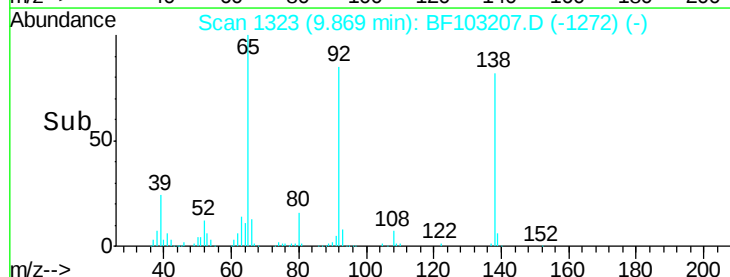
92 103.2 89.4 134.2



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

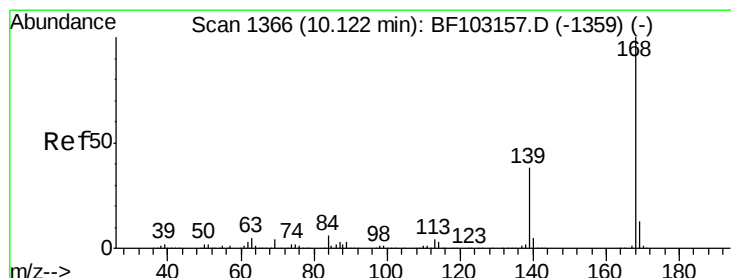
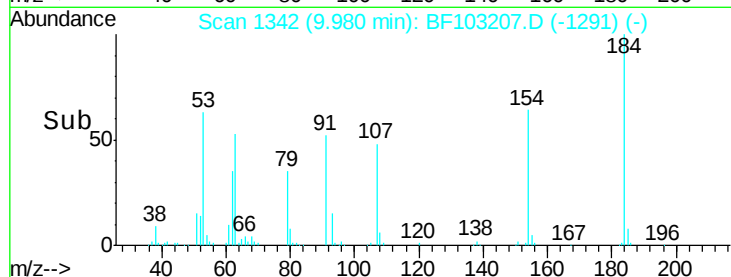
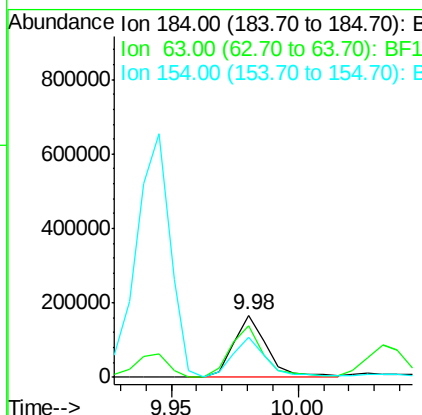
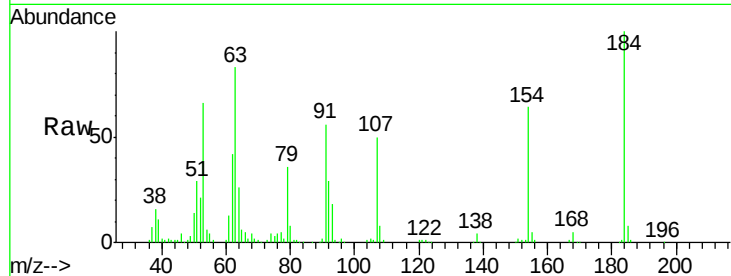




#53
 2,4-Dinitrophenol
 Concen: 84.908 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

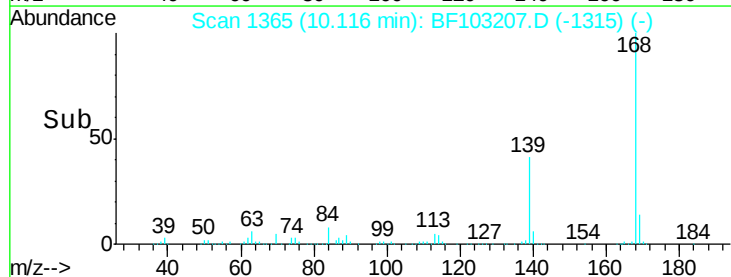
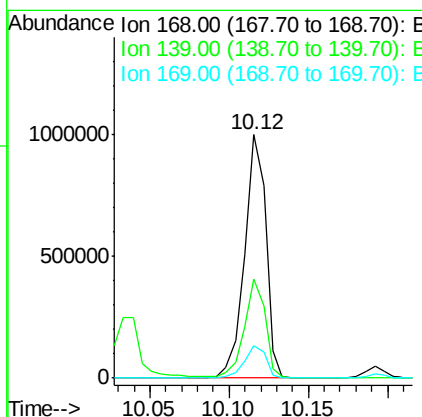
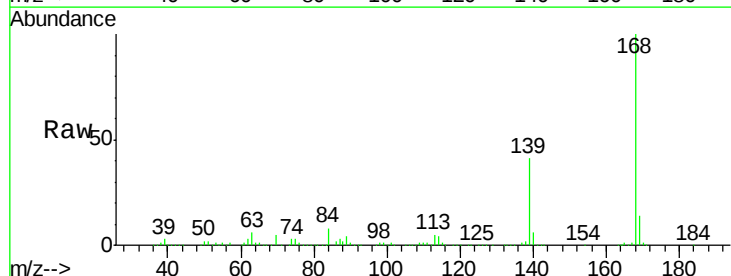
Instrument :
 BNA_F
 ClientSampled :

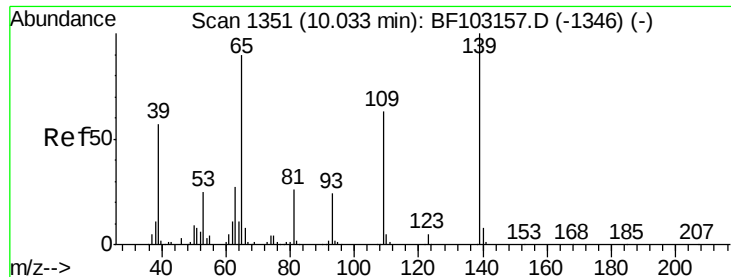
Tot Ion:184 Resp: 152732
 Ion Ratio Lower Upper
 184 100
 63 83.3 54.2 81.2#
 154 64.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.708 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion:168 Resp: 927526
 Ion Ratio Lower Upper
 168 100
 139 40.9 30.1 45.1
 169 13.5 10.9 16.3

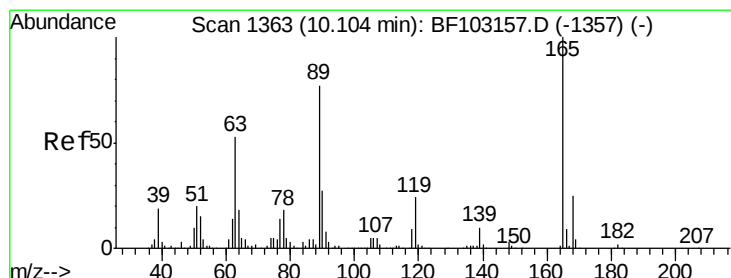
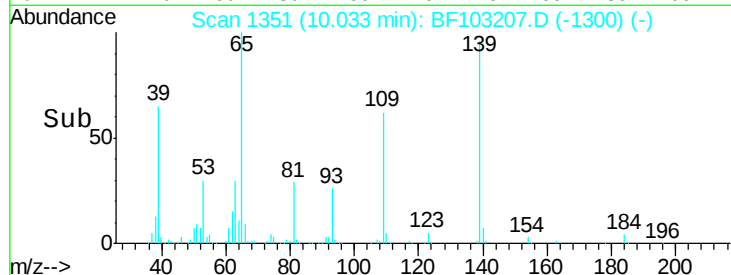
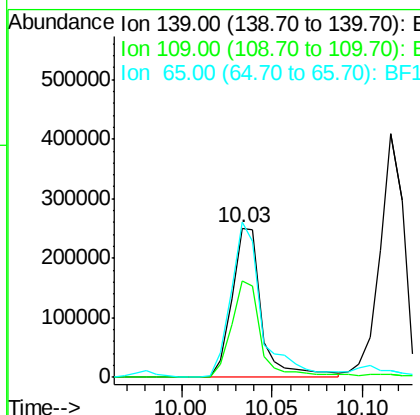
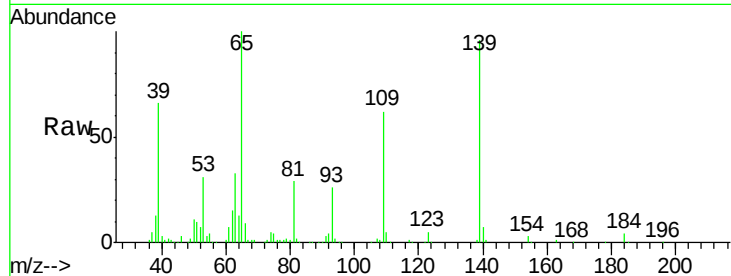




#55
4-Nitrophenol
Concen: 73.617 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

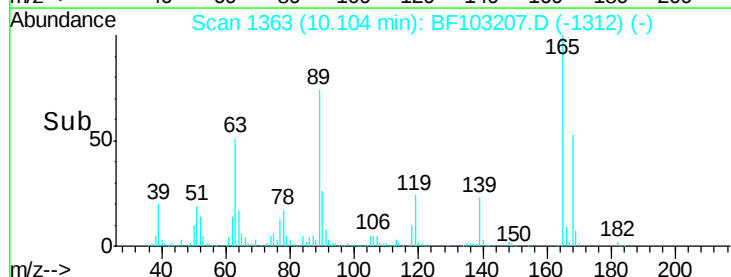
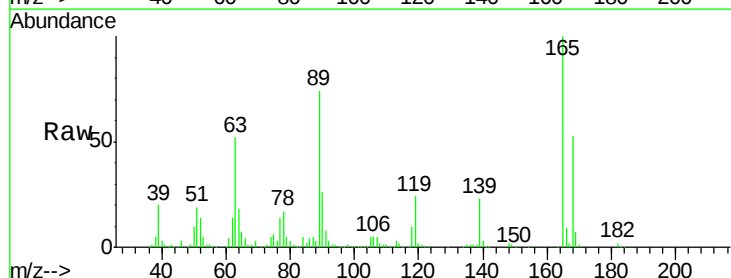
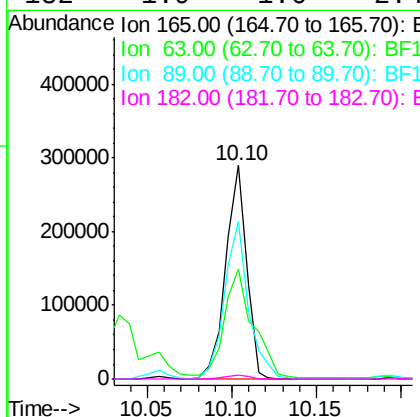
Instrument :
BNA_F
ClientSampleId :

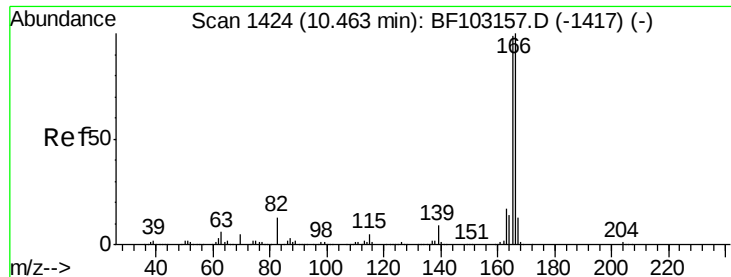
Tot Ion:139 Resp: 286008
Ion Ratio Lower Upper
139 100
109 64.5 48.4 88.4
65 104.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.933 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:165 Resp: 249533
Ion Ratio Lower Upper
165 100
63 51.5 36.4 54.6
89 73.5 57.8 86.6
182 1.9 1.6 2.4

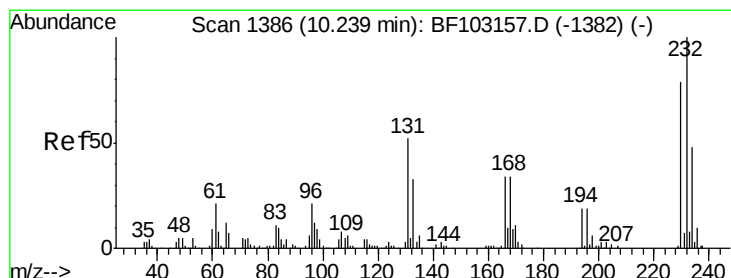
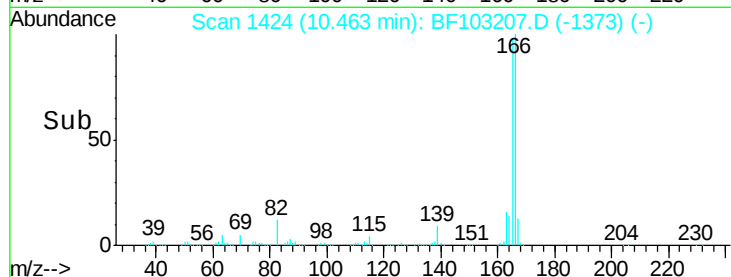
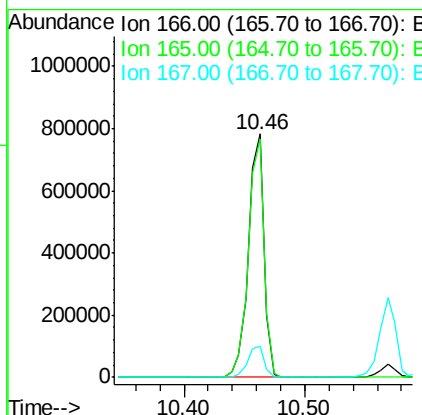
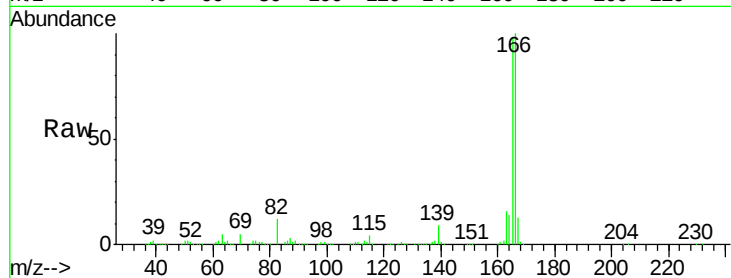




#57
 Fluorene
 Concen: 35.057 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

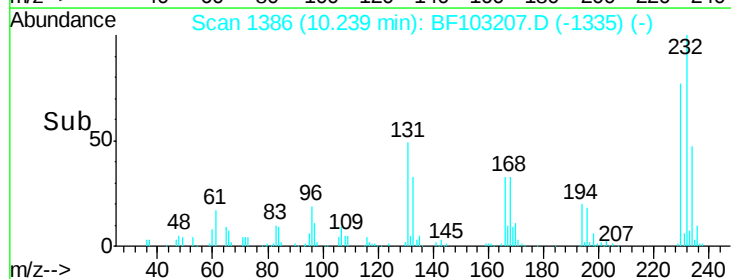
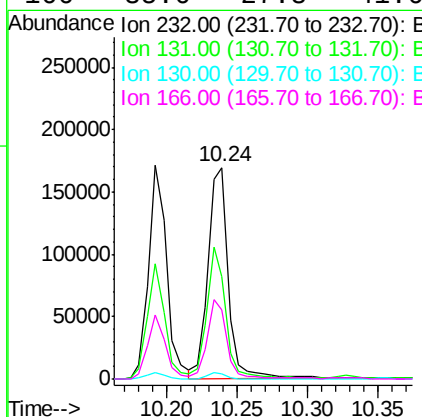
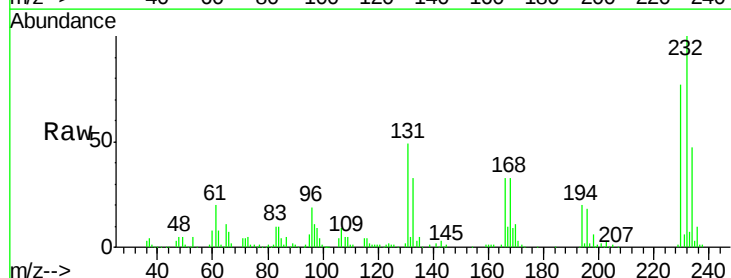
Instrument :
 BNA_F
 ClientSampleId :

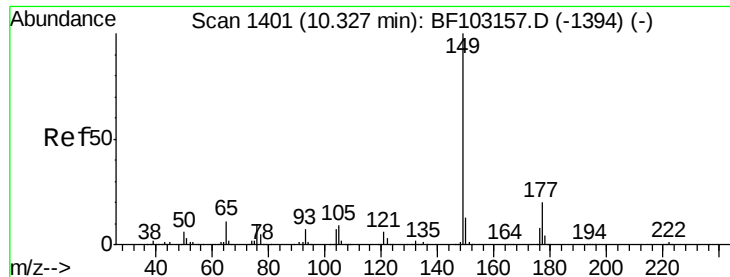
Tot Ion:166 Resp: 715613
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.8
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.541 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion:232 Resp: 169107
 Ion Ratio Lower Upper
 232 100
 131 56.8 43.8 65.8
 130 2.8 2.1 3.1
 166 35.6 27.8 41.6

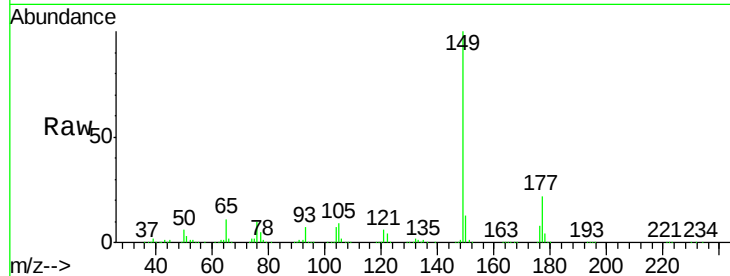




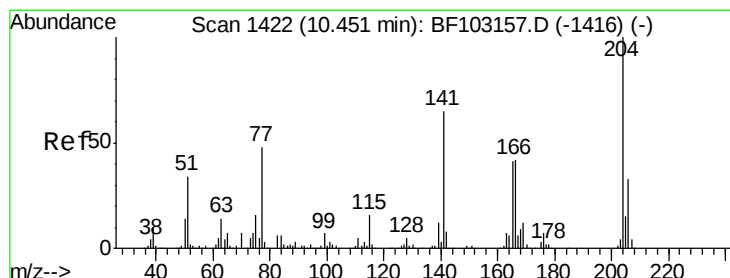
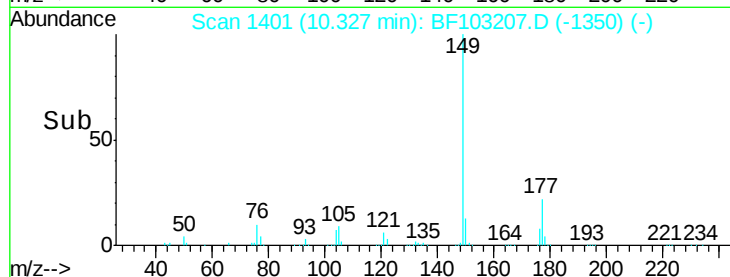
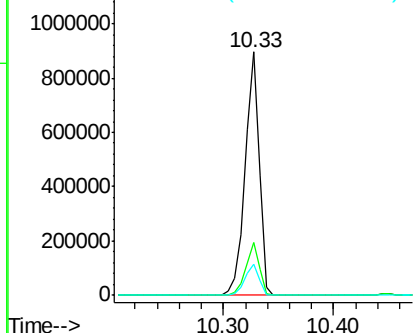
#59
Diethylphthalate
Concen: 35.872 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 807768
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.7 10.1 15.1

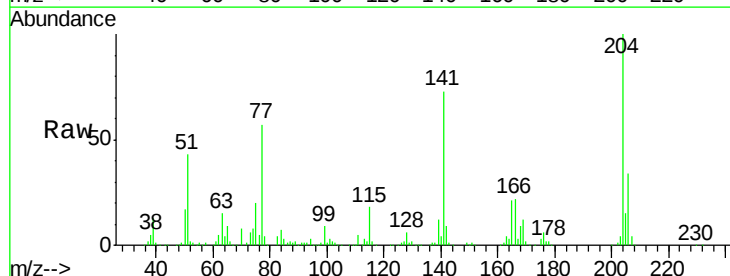


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

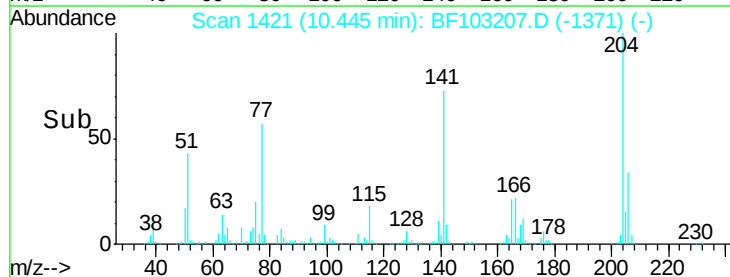
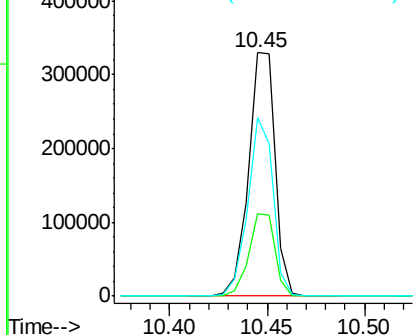


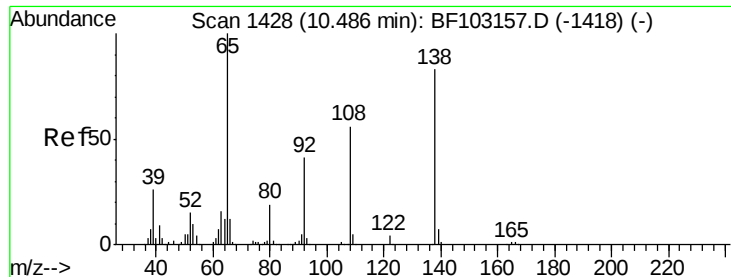
#60
4-Chlorophenyl-phenylether
Concen: 36.002 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:204 Resp: 311644
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 73.5 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

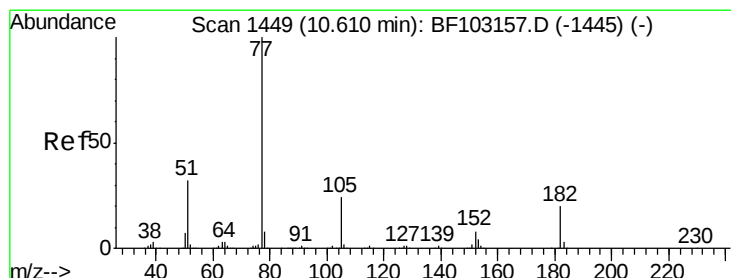
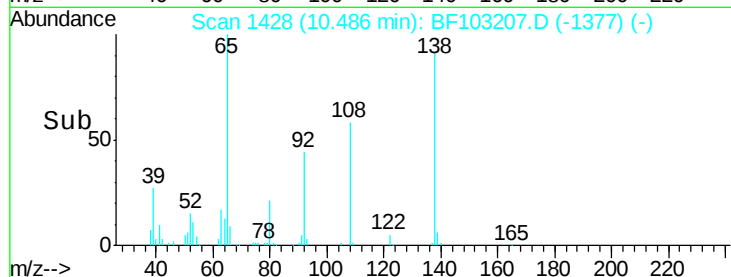
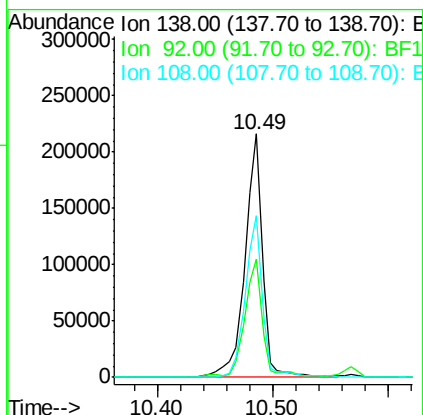
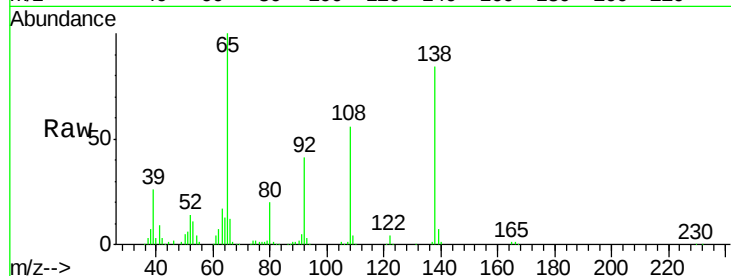




#61
4-Nitroaniline
Concen: 36.778 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

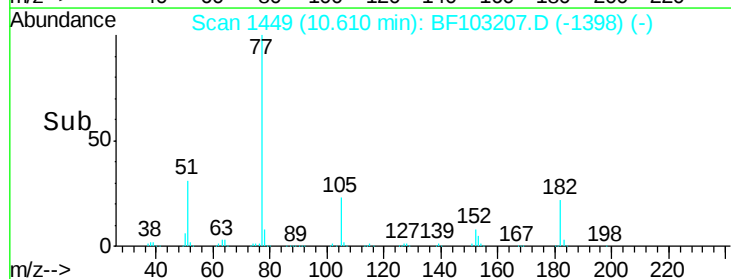
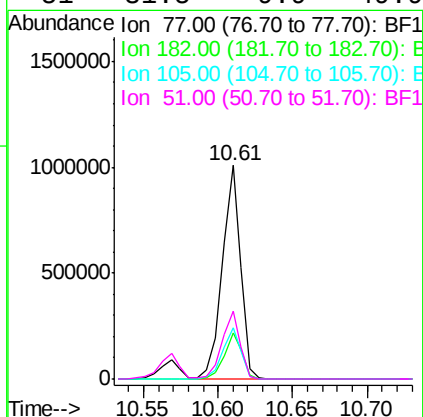
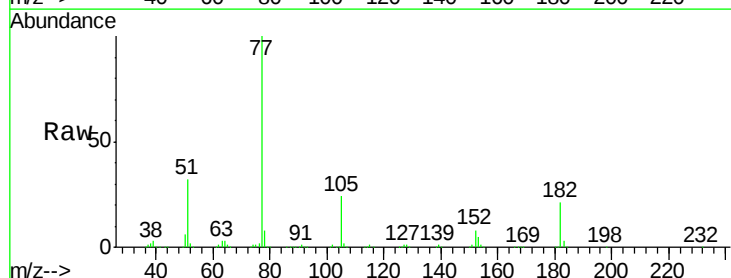
Instrument :
BNA_F
ClientSampled :

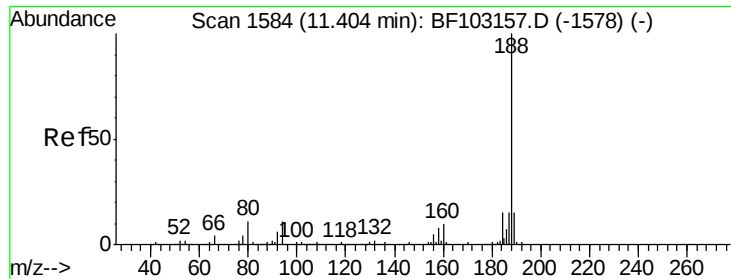
Tot Ion:138 Resp: 230271
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 66.4 52.5 92.5



#62
Azobenzene
Concen: 38.166 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion: 77 Resp: 874803
Ion Ratio Lower Upper
77 100
182 21.5 1.7 41.7
105 24.0 3.0 43.0
51 31.5 9.9 49.9

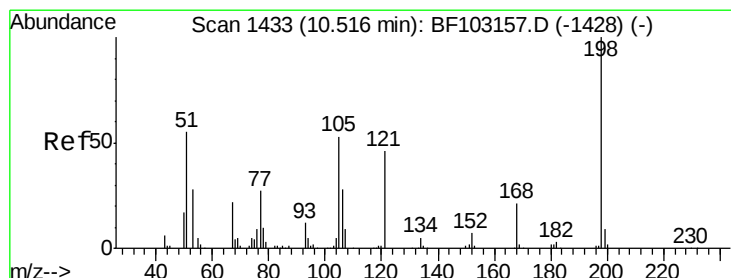
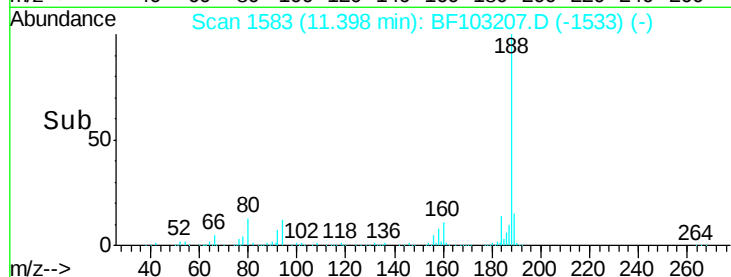
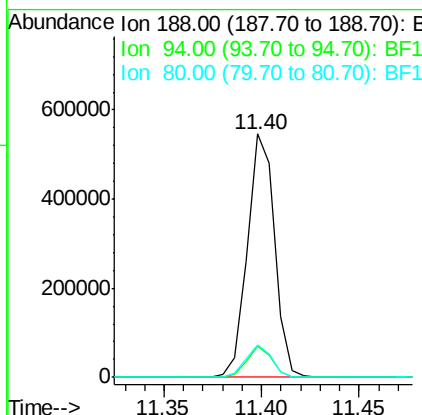
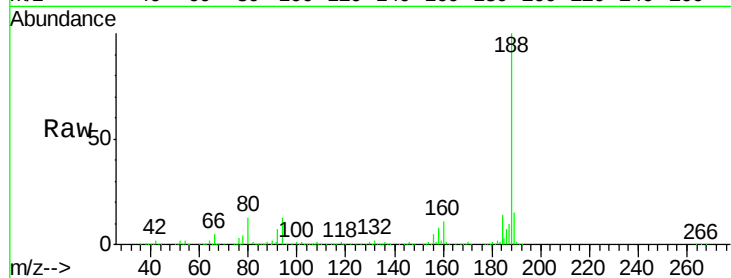




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

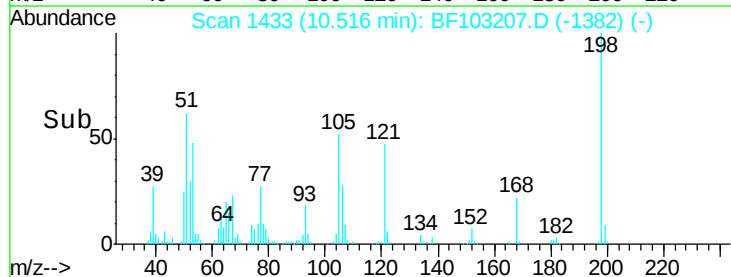
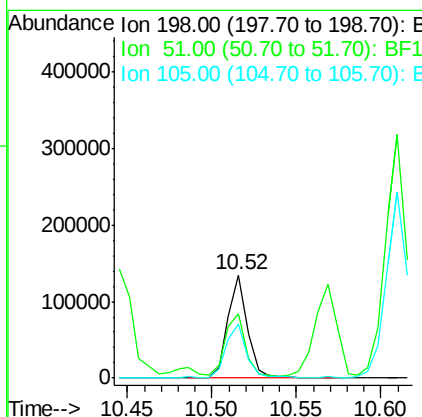
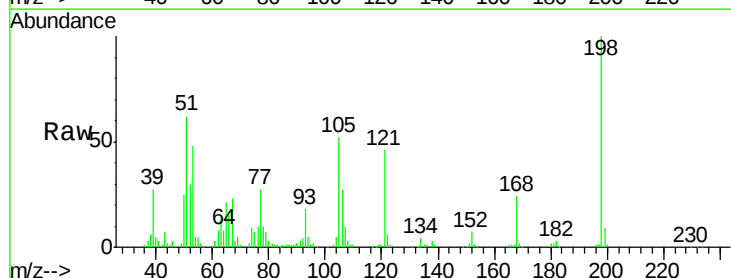
Instrument :
BNA_F
ClientSampleId :

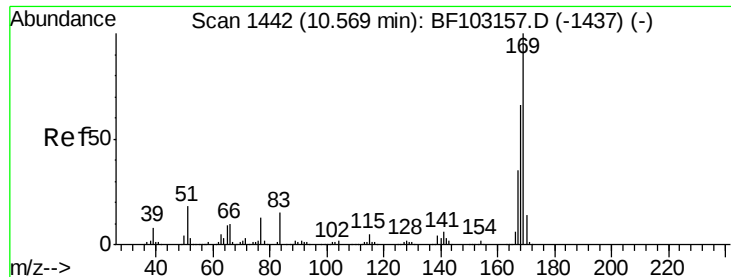
Tot Ion:188 Resp: 527153
Ion Ratio Lower Upper
188 100
94 12.6 8.5 12.7
80 13.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.867 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:198 Resp: 110574
Ion Ratio Lower Upper
198 100
51 61.9 37.7 77.7
105 52.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 35.848 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

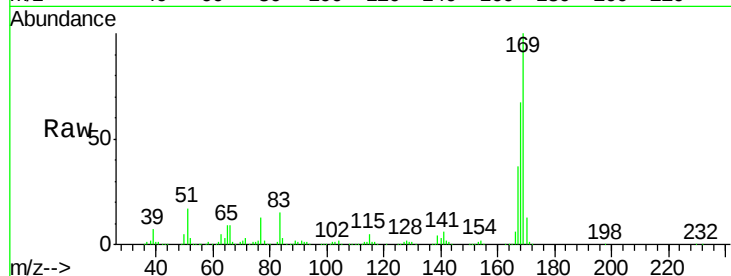
Tot Ion:169 Resp: 657986

Ion Ratio Lower Upper

169 100

168 66.6 54.4 81.6

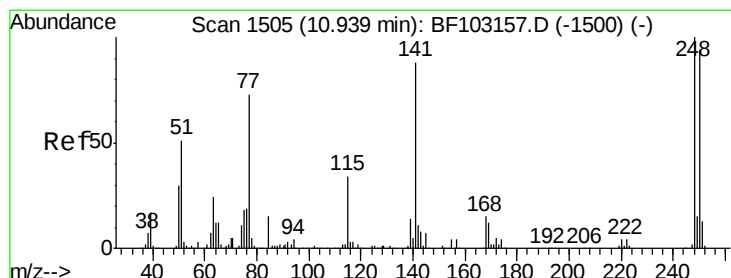
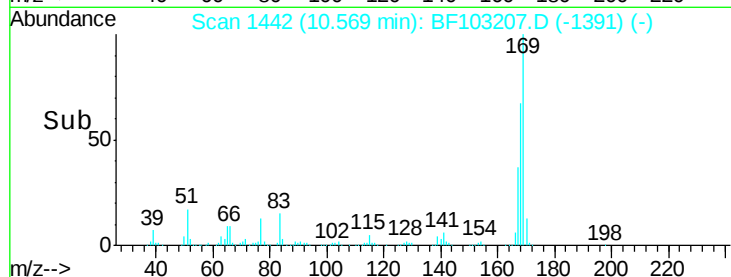
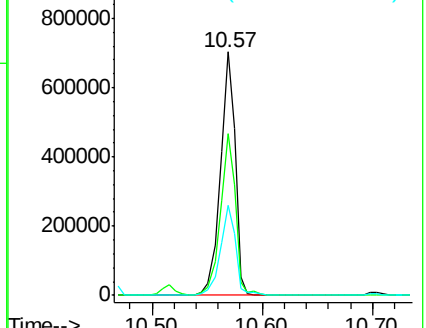
167 36.7 29.8 44.6



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: 35.430 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

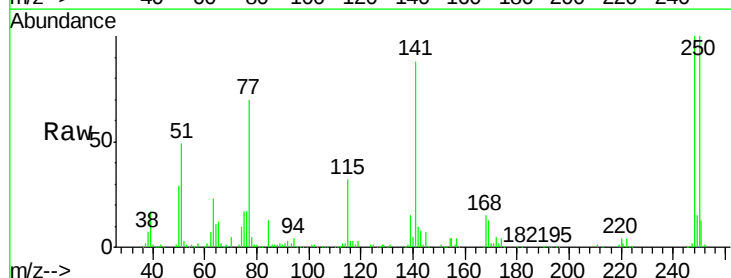
Tgt Ion:248 Resp: 194561

Ion Ratio Lower Upper

248 100

250 100.0 76.9 115.3

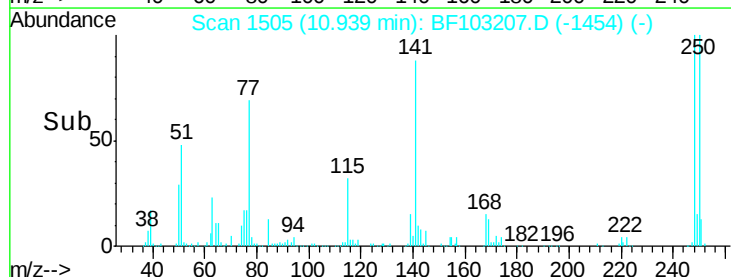
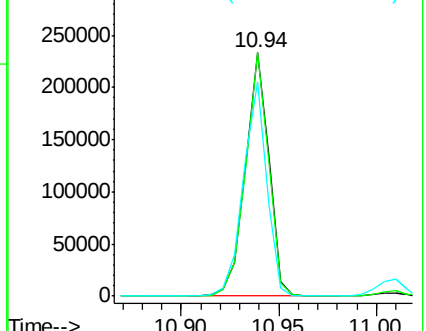
141 87.9 74.4 111.6

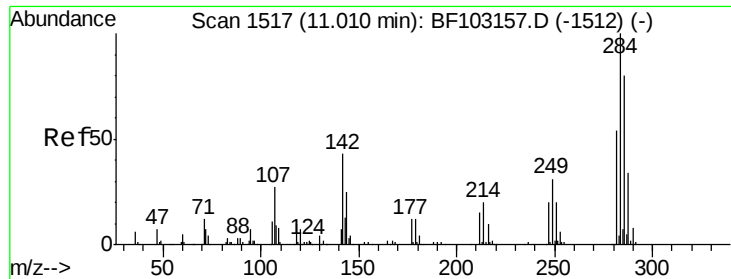


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

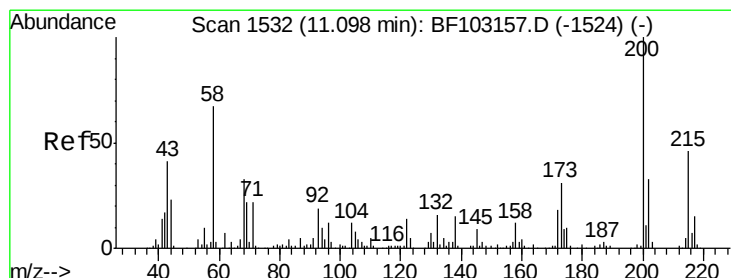
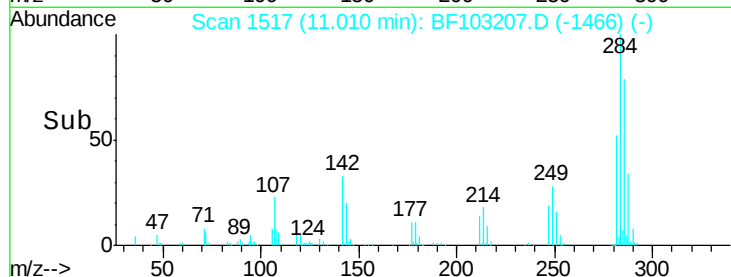
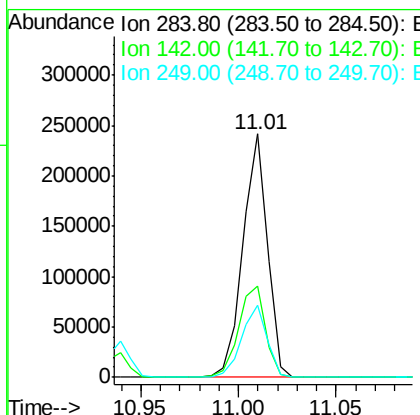
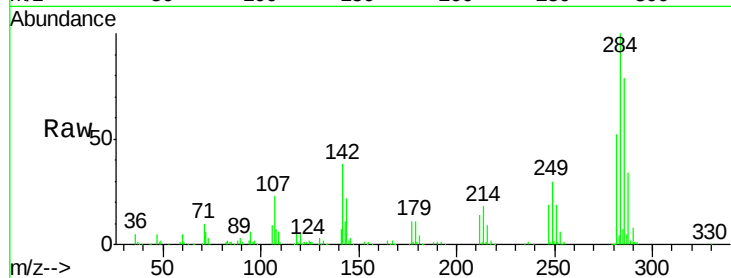




#67
Hexachlorobenzene
Concen: 35.345 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

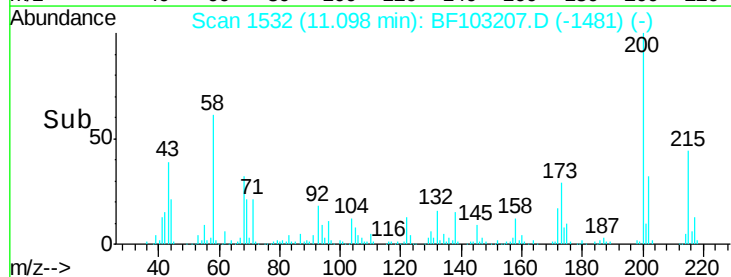
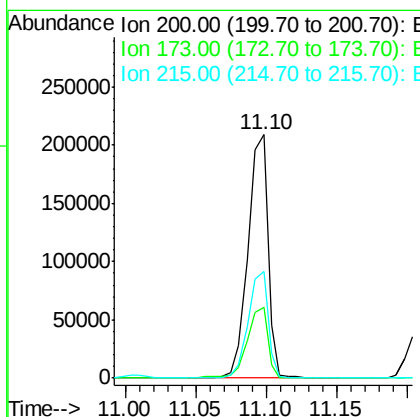
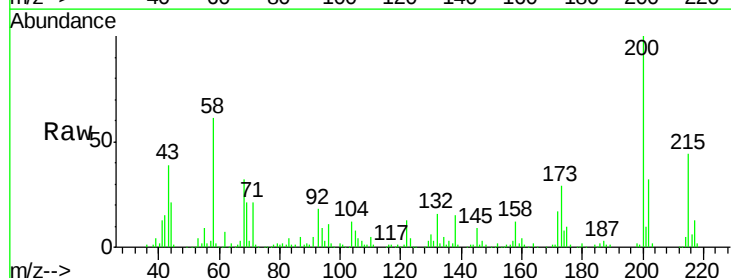
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 210670
Ion Ratio Lower Upper
284 100
142 37.7 34.6 52.0
249 29.5 24.8 37.2



#68
Atrazine
Concen: 37.951 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:200 Resp: 209369
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 44.0 25.1 65.1

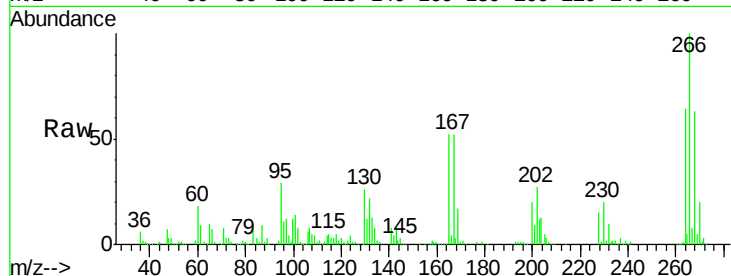




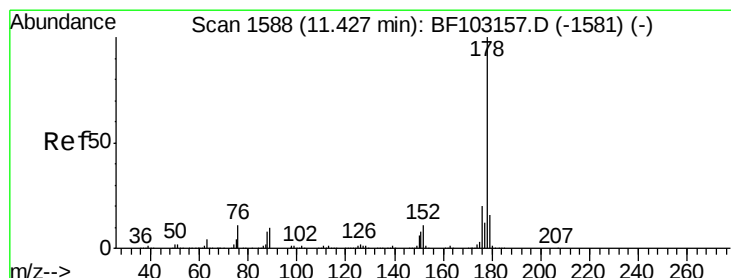
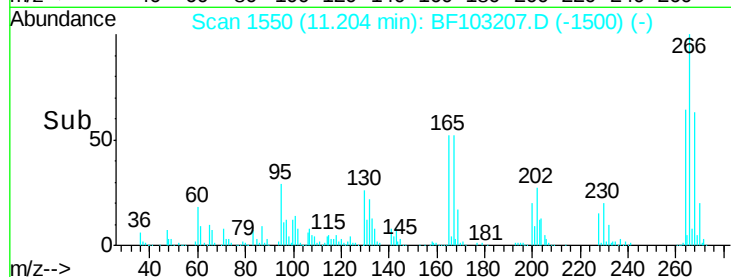
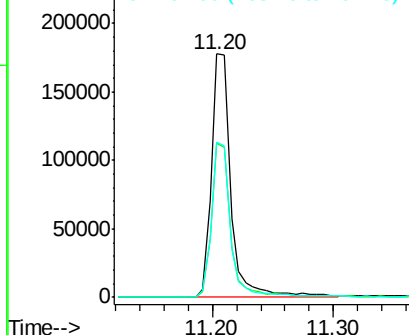
#69
 Pentachlorophenol
 Concen: 68.519 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 197465
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 63.8 49.5 74.3

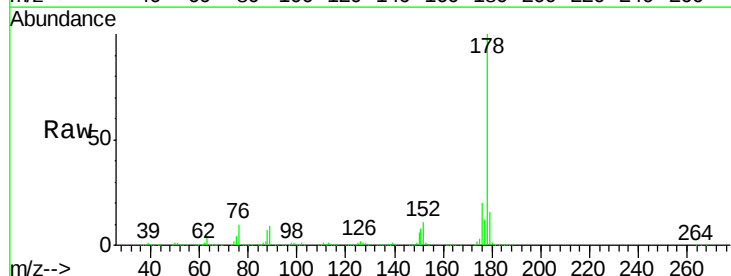


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

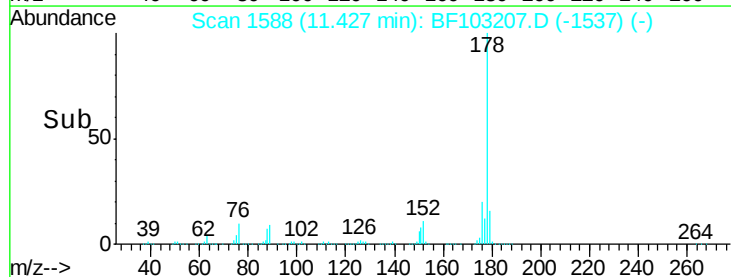
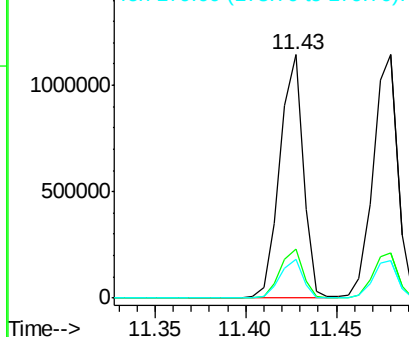


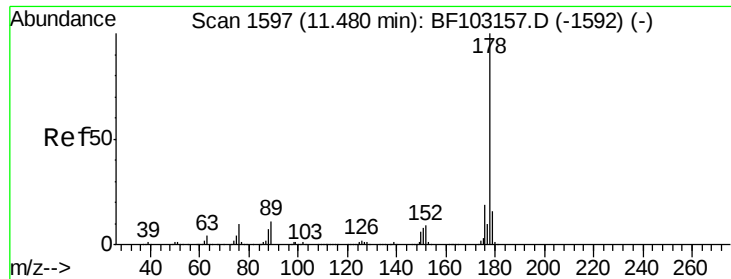
#70
 Phenanthrene
 Concen: 35.468 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion:178 Resp: 1028952
 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: 36.371 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

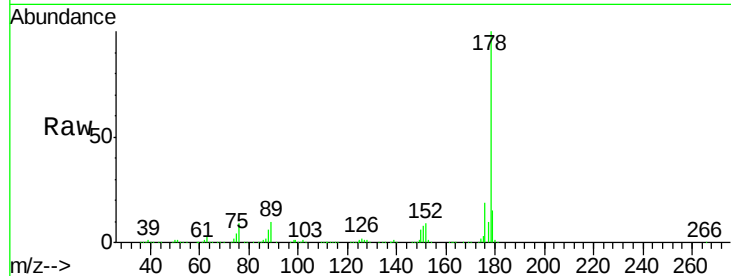
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1082004

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.3	12.6	19.0

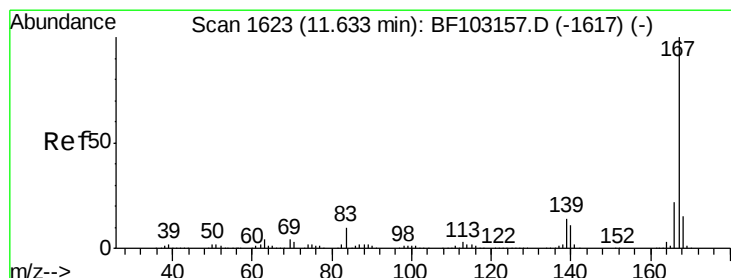
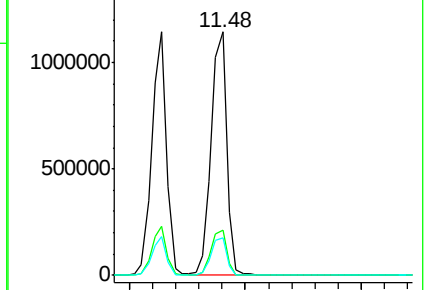
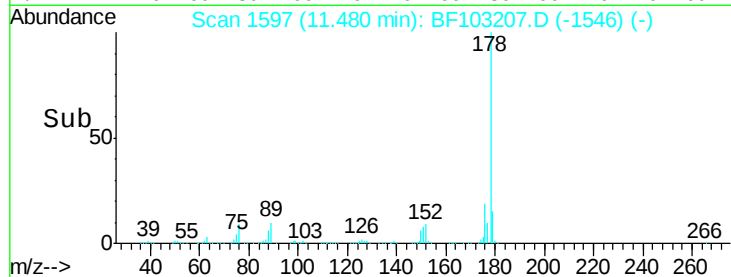


Abundance

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: 35.850 ng

RT: 11.63 min Scan# 1623

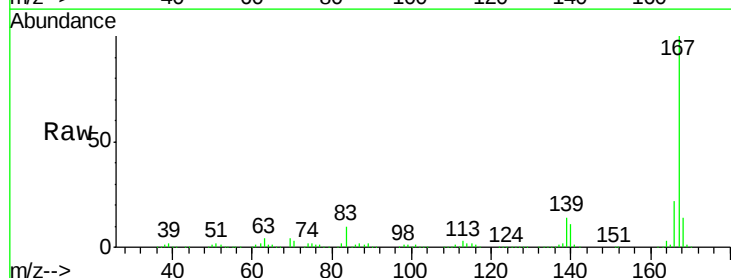
Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:167 Resp: 1062041

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.4	10.9	16.3

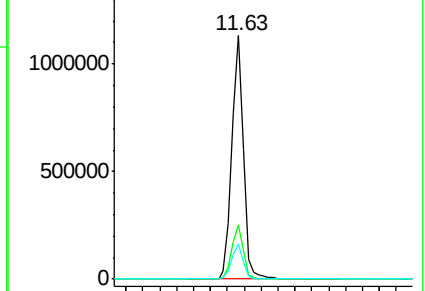
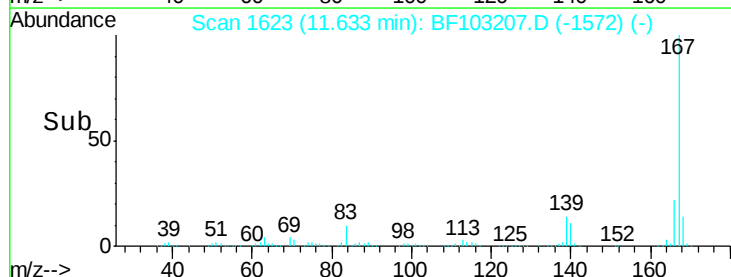


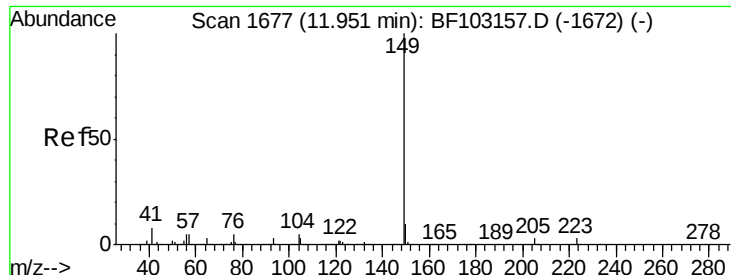
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.136 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

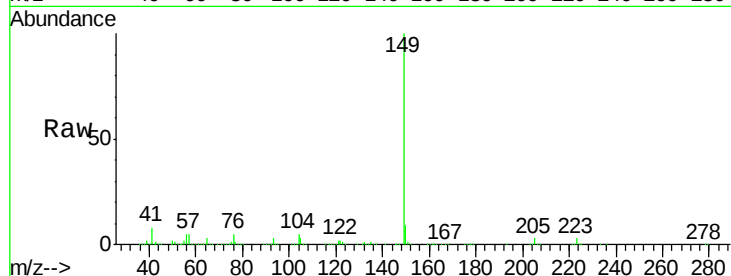
Tot Ion:149 Resp: 1339543

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

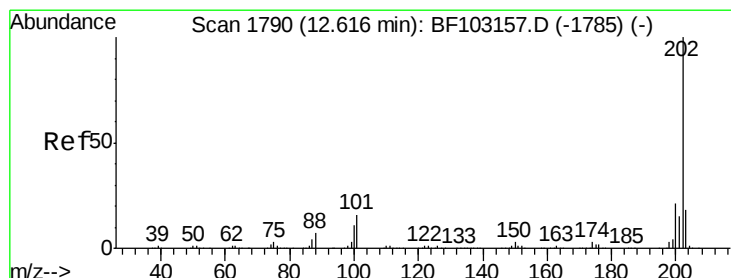
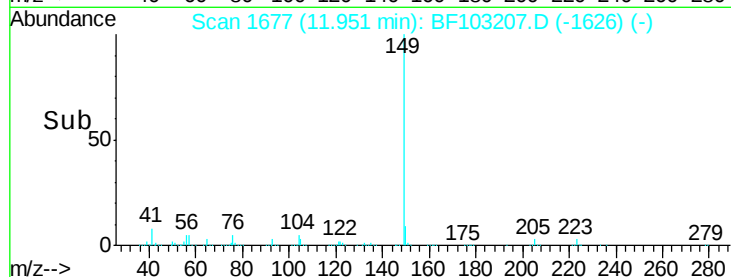
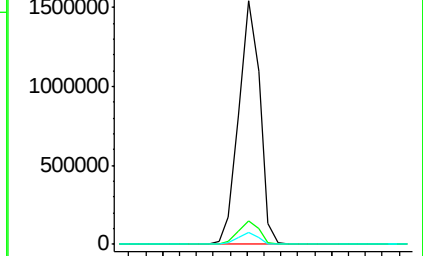
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.452 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

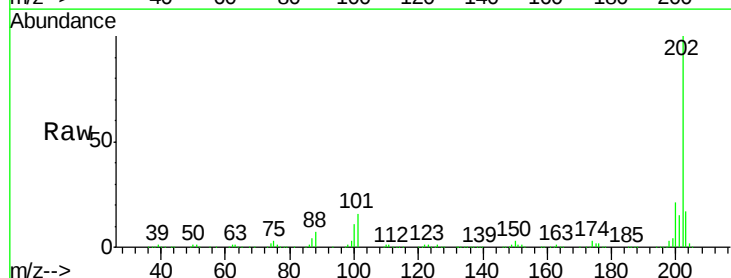
Tgt Ion:202 Resp: 1091835

Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.1

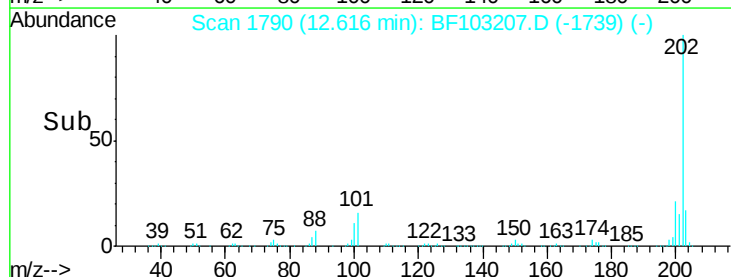
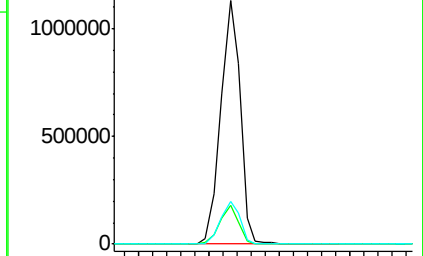
203 17.4 0.0 38.1

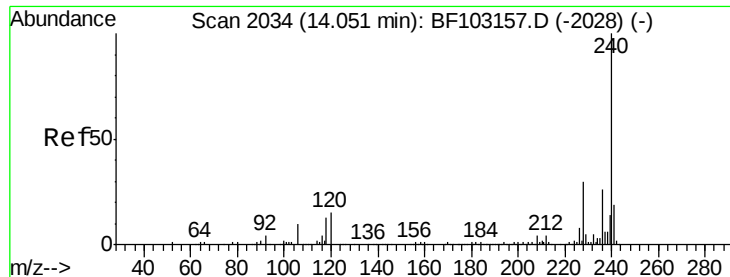


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

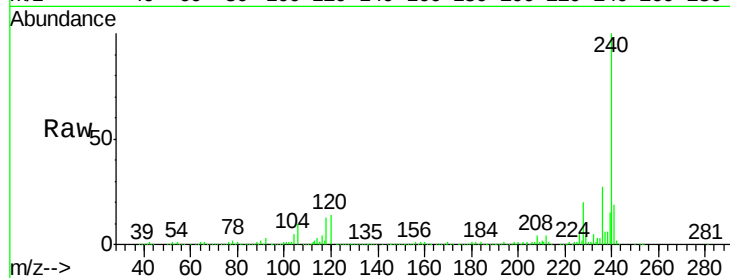
Tot Ion:240 Resp: 407268

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

236 27.1 20.7 31.1

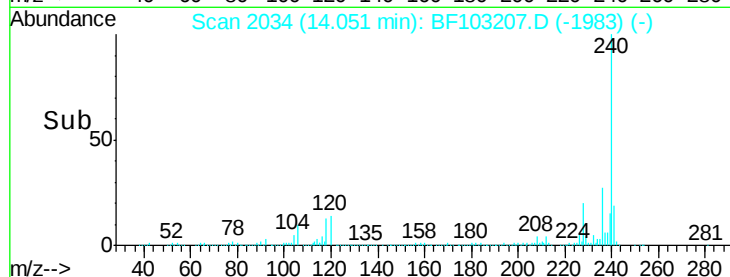


Abundance Ion 240.00 (239.70 to 240.70): E

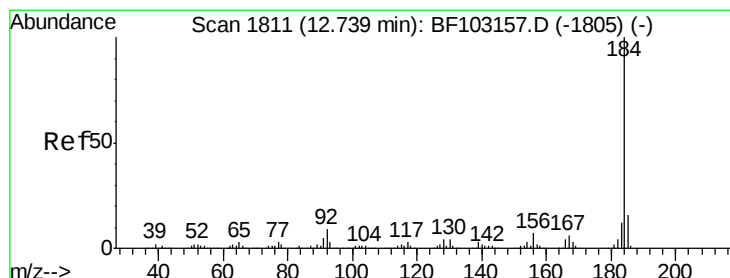
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.05



Time-->



#76

Benzidine

Concen: 30.995 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

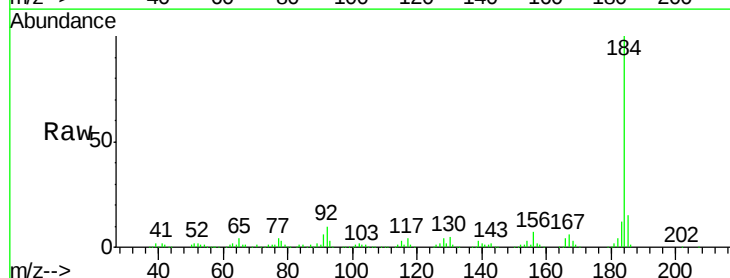
Tgt Ion:184 Resp: 471924

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 11.8 9.3 13.9

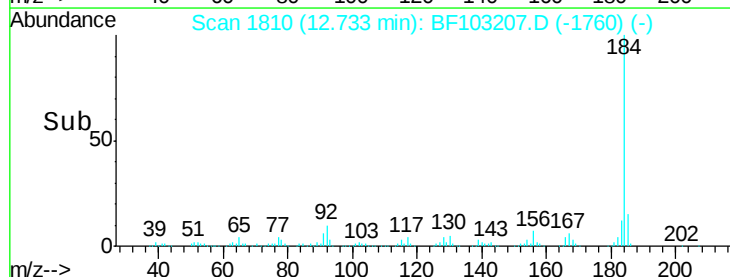


Abundance Ion 184.00 (183.70 to 184.70): E

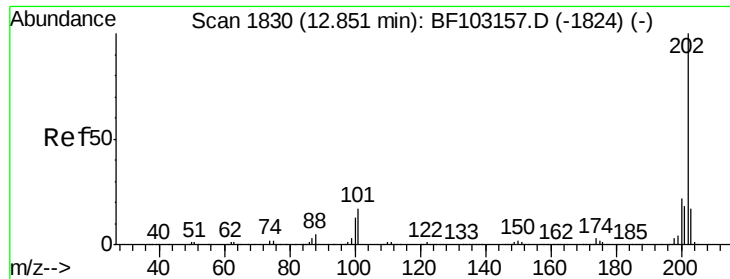
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.73



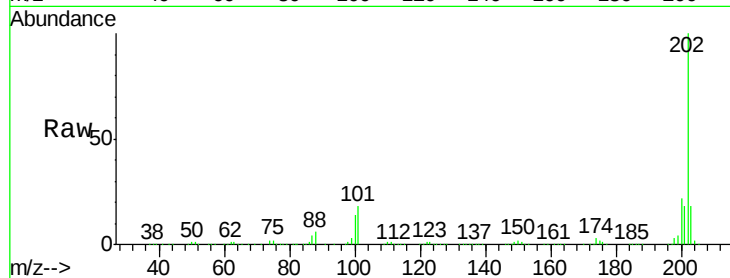
Time-->



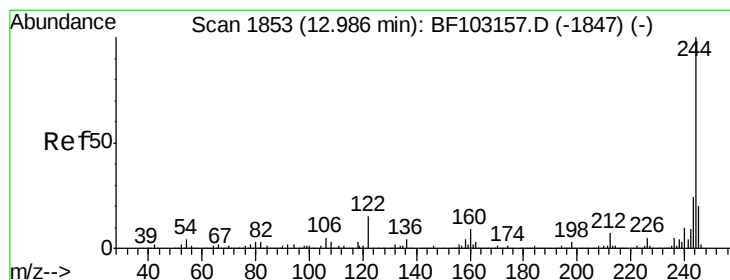
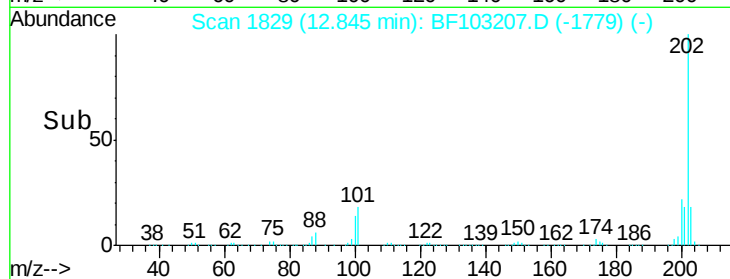
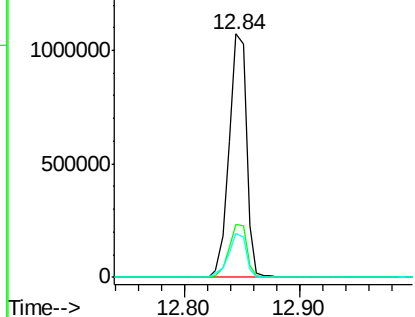
#77
Pvrene
Concen: 35.466 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1126143
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.9 14.3 21.5

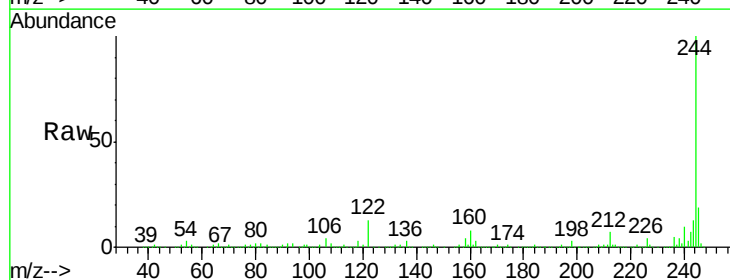


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

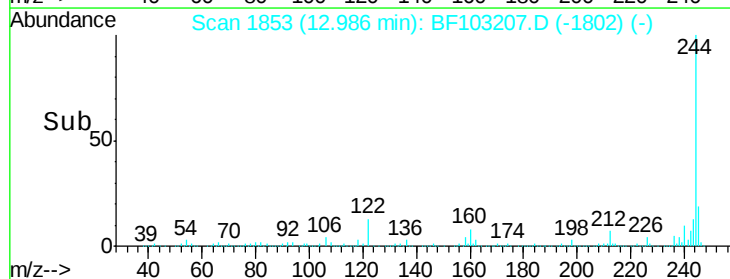
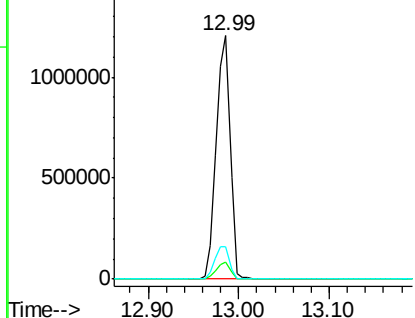


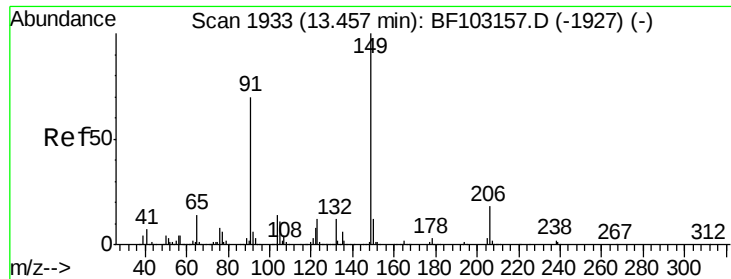
#78
Terphenyl-d14
Concen: 75.593 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:244 Resp: 1280716
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.2 11.0 16.4



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

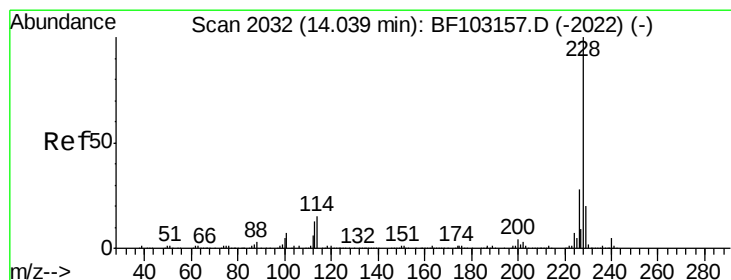
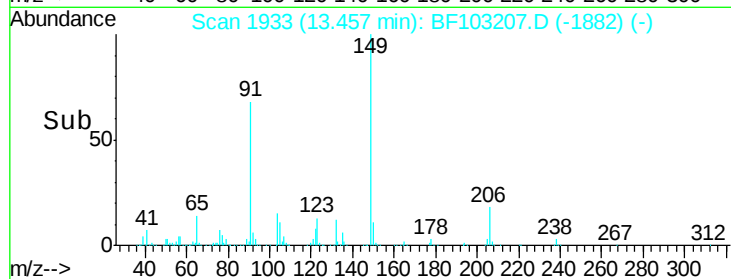
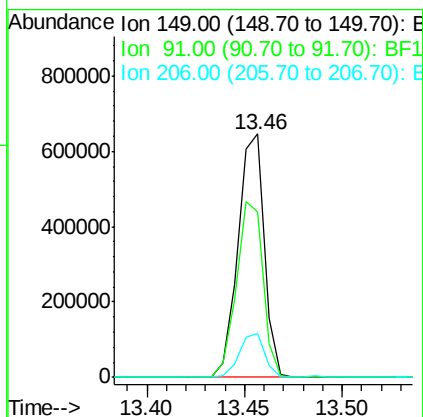
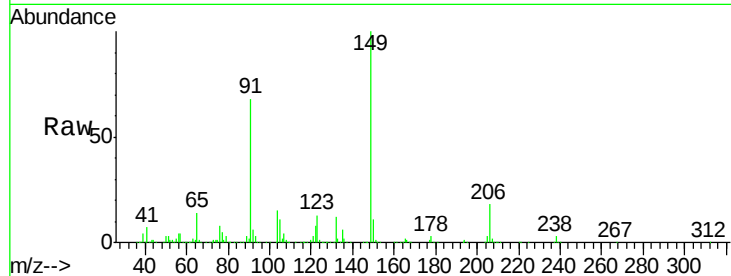




#79
Butylbenzylphthalate
Concen: 36.056 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

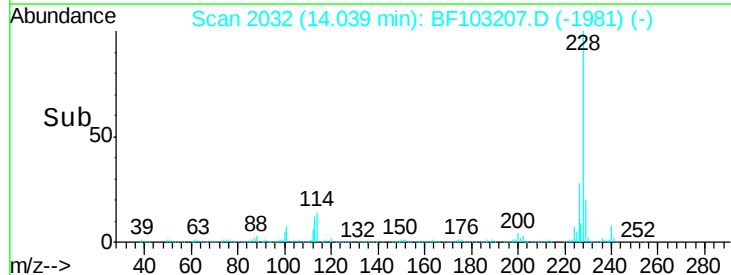
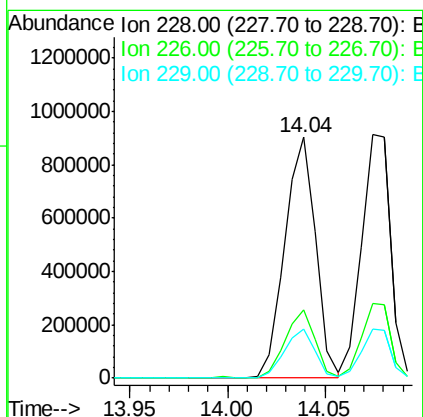
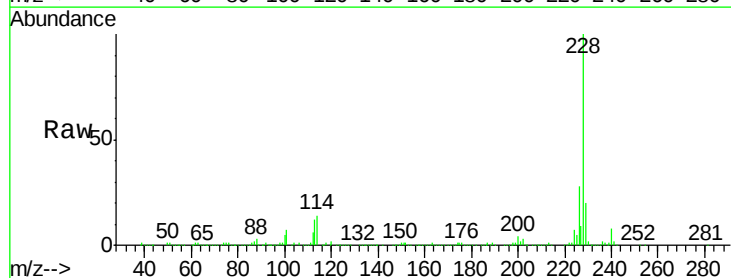
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 604899
Ion Ratio Lower Upper
149 100
91 68.1 56.8 85.2
206 18.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.295 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:228 Resp: 985526
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.3 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 21.636 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

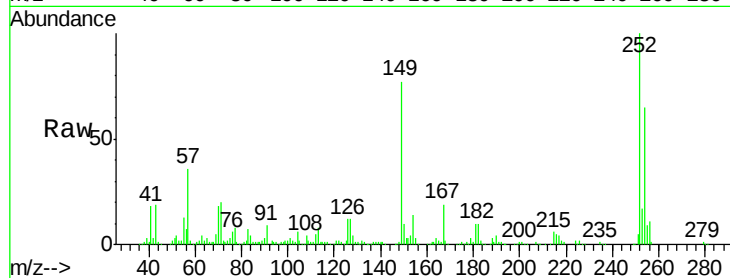
Tot Ion:252 Resp: 204041

Ion Ratio Lower Upper

252 100

254 65.2 50.4 75.6

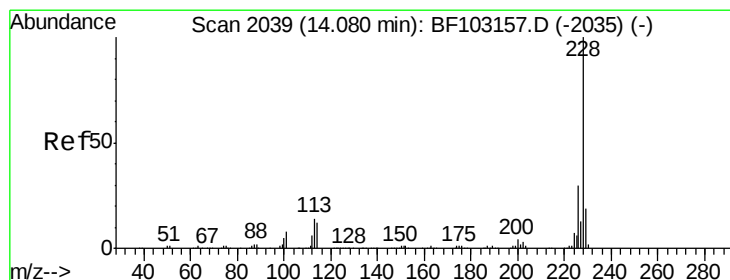
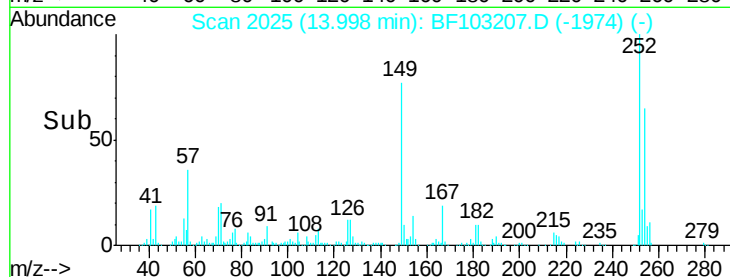
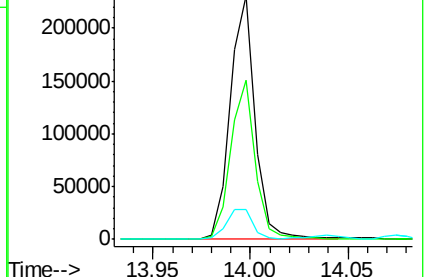
126 12.3 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.090 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

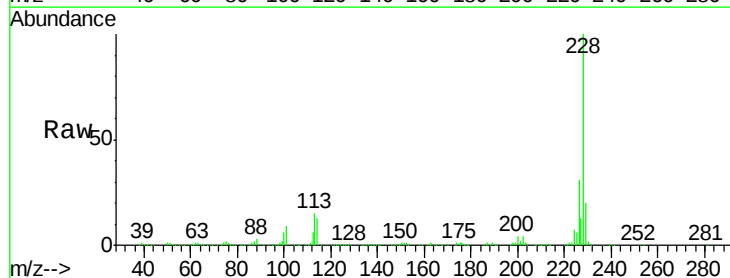
Tgt Ion:228 Resp: 951647

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

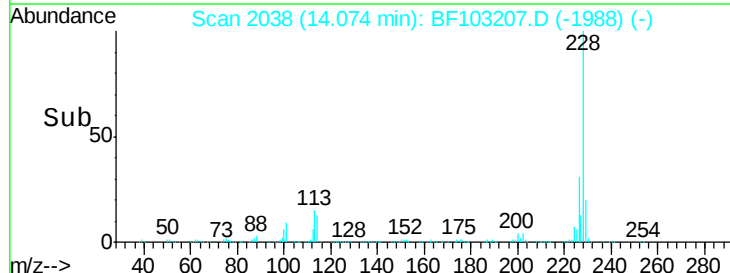
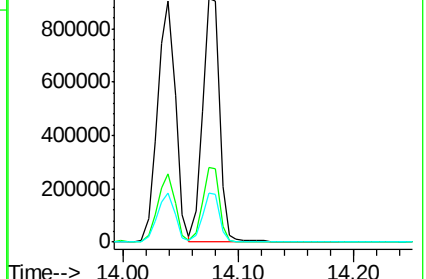
229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.340 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

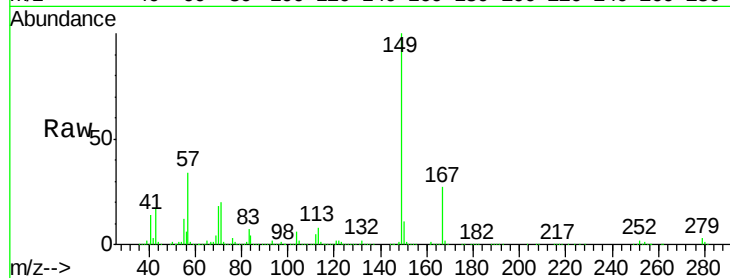
Tot Ion:149 Resp: 845342

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

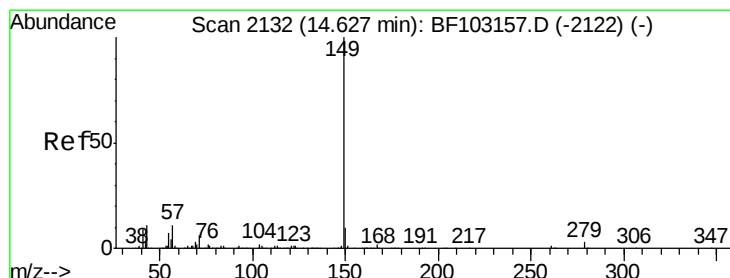
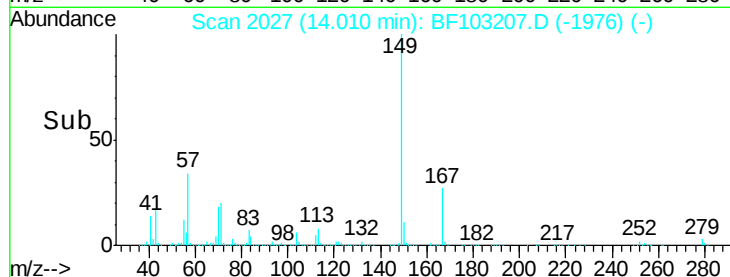
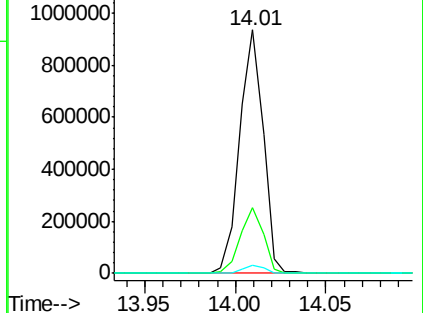
279 3.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.631 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

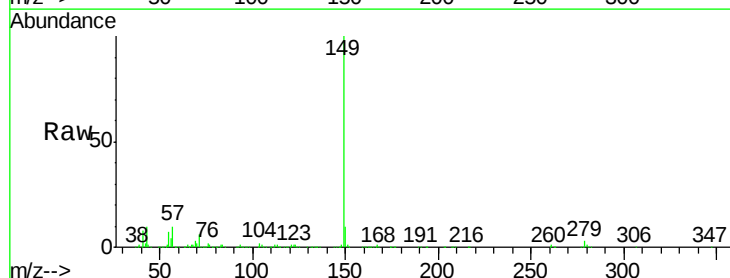
Tgt Ion:149 Resp: 1449626

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

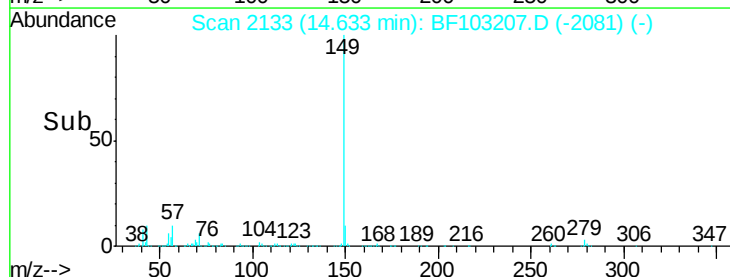
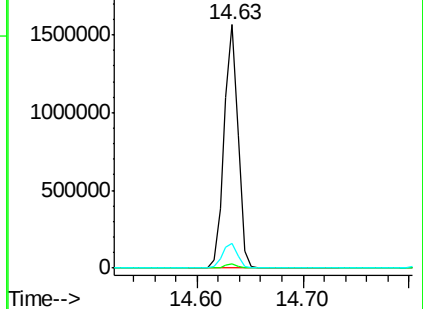
43 10.7 8.4 12.6

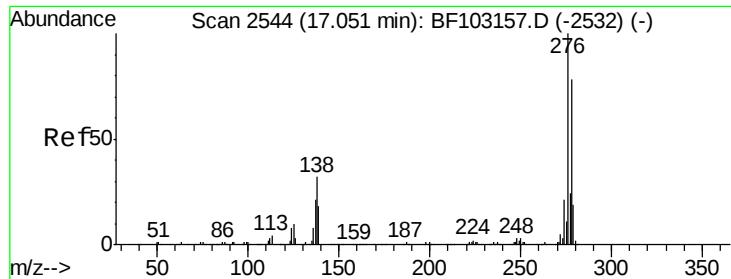


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

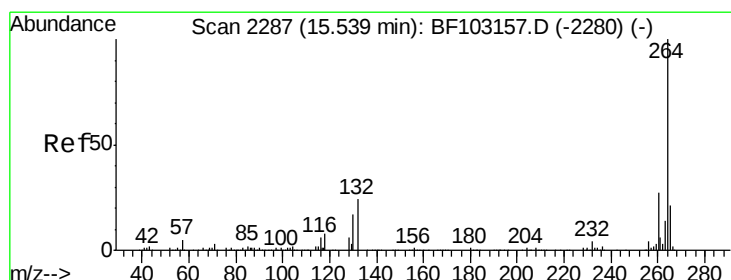
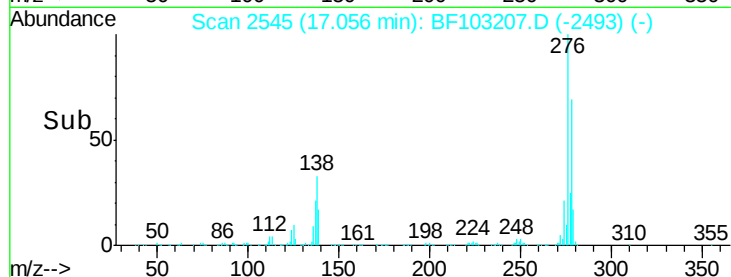
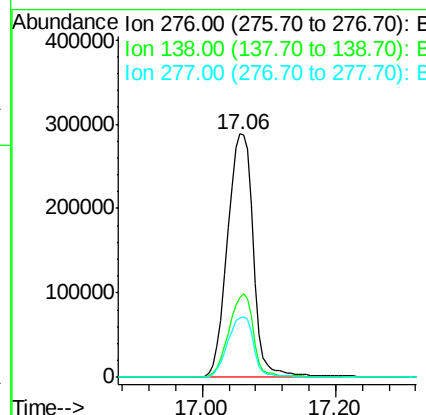
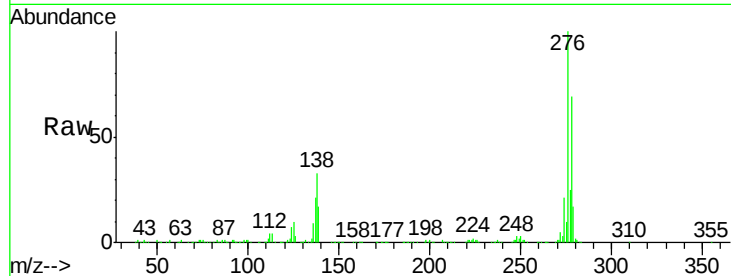




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.118 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

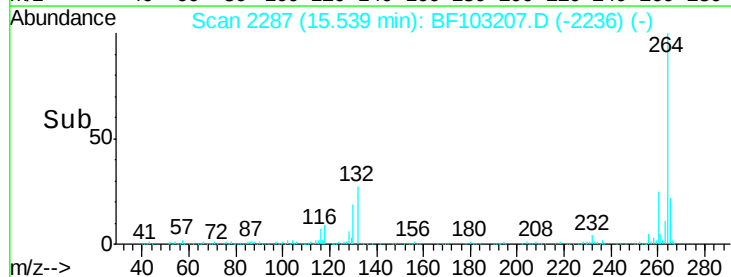
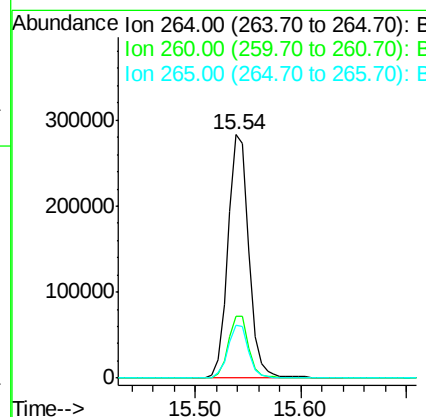
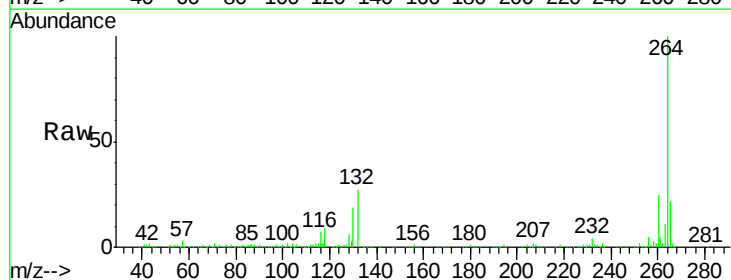
Instrument :
 BNA_F
 ClientSampleId :

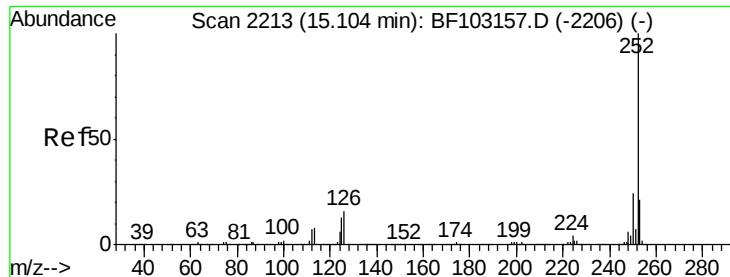
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	21.8	17.5	26.3

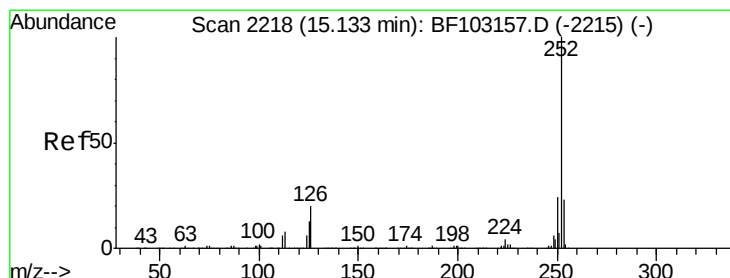
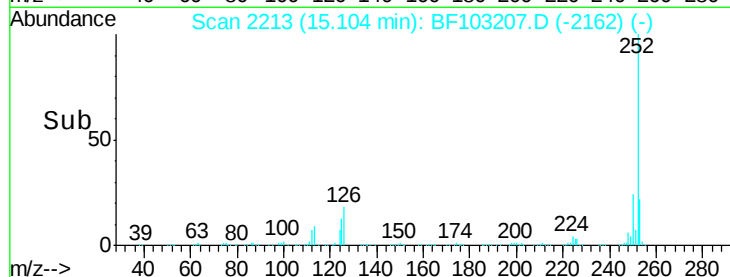
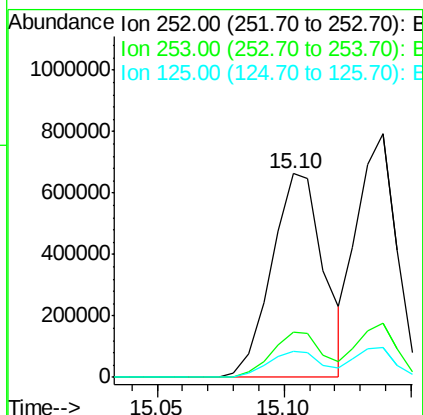
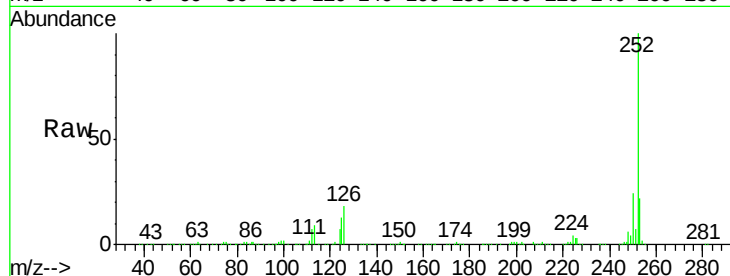




#87
Benzo(b)fluoranthene
Concen: 37.156 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

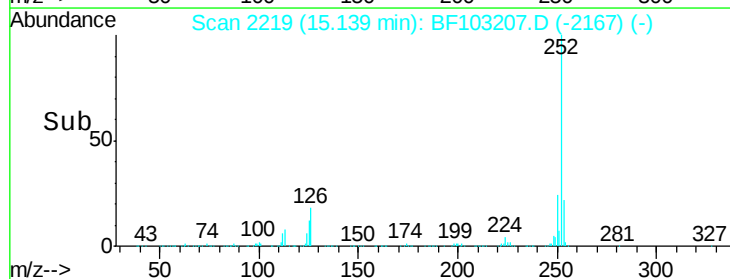
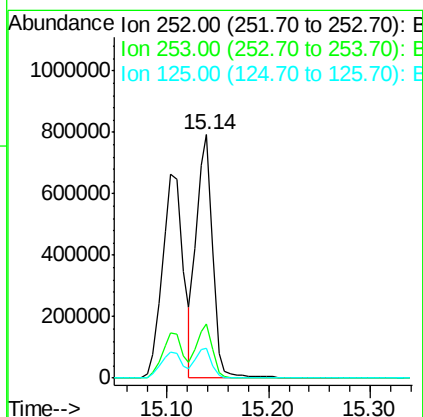
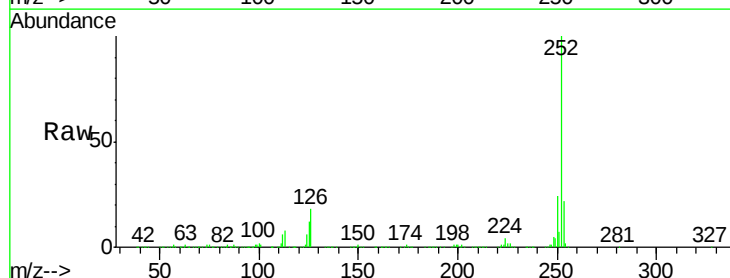
Instrument :
BNA_F
ClientSampled :

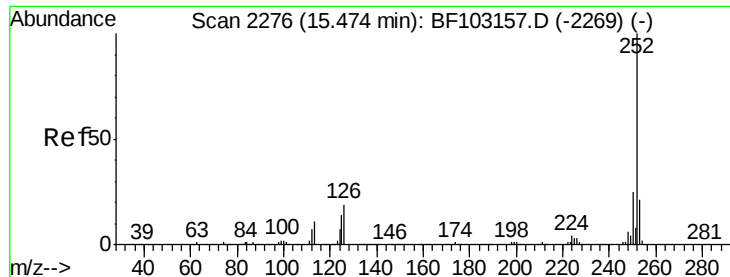
Tot Ion:252 Resp: 950181
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.451 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion:252 Resp: 877767
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 12.2 10.2 15.2

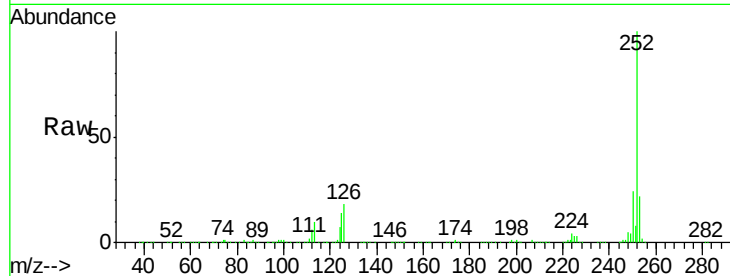




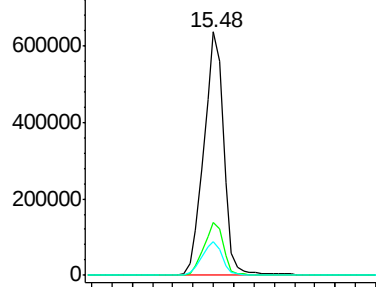
#89
Benzo(a)pyrene
Concen: 38.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :

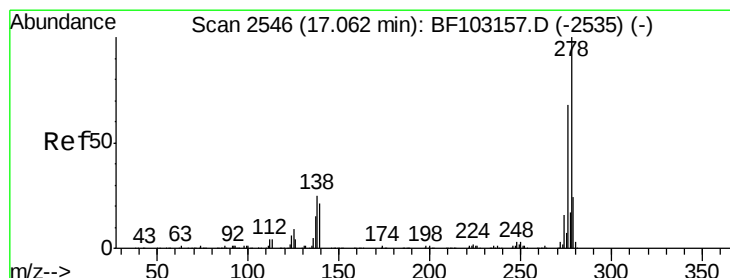
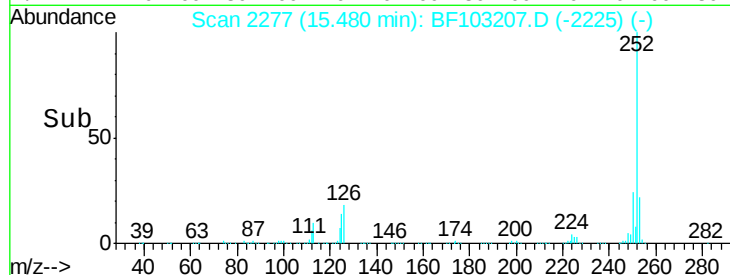
Tot Ion:252 Resp: 867796
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.9 9.8 14.6



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

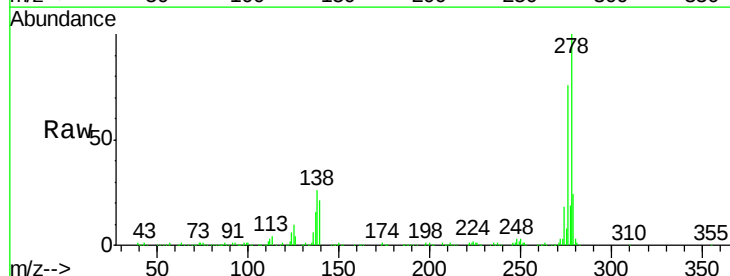


Time-->

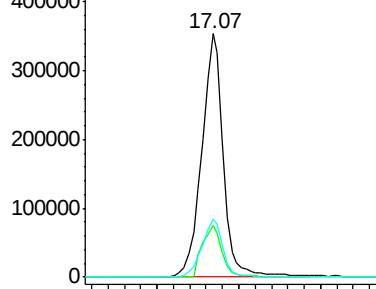


#90
Dibenzo(a,h)anthracene
Concen: 36.771 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

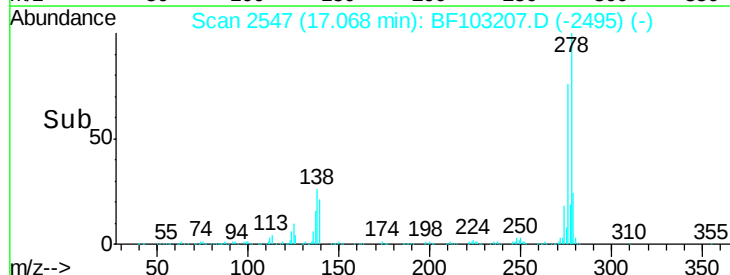
Tgt Ion:278 Resp: 648857
Ion Ratio Lower Upper
278 100
139 21.3 15.9 23.9
279 23.8 19.0 28.4

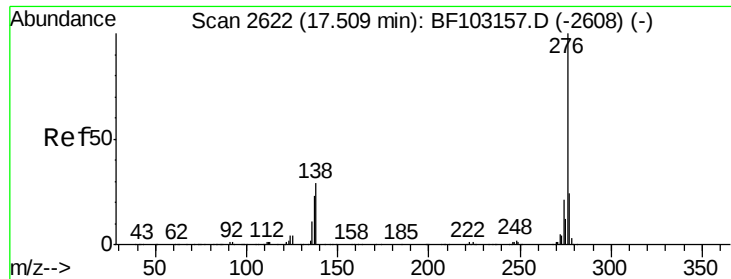


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->

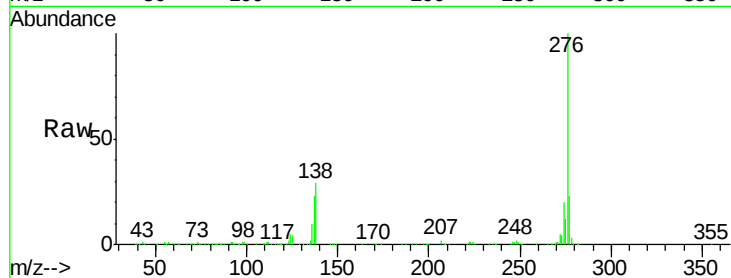




#91
 Benzo(a,h,i)perylene
 Concen: 38.016 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	29.0	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

