

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103203.D
 Acq On : 23 Feb 2018 16:50
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 17:22:23 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	166936	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	735957	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	334487	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	553552	20.00	ng	0.00
75) Chrysene-d12	14.05	240	393714	20.00	ng	0.00
86) Perylene-d12	15.54	264	363873	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	855438	77.50	ng	0.00
7) Phenol-d6	6.50	99	1069282	79.17	ng	0.00
23) Nitrobenzene-d5	7.44	82	1000514	77.64	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	218044	77.01	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1496141	74.88	ng	0.00
78) Terphenyl-d14	12.99	244	1161410	70.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	228890	39.263	ng	93
3) Pyridine	3.41	79	622175	39.977	ng	97
4) n-Nitrosodimethylamine	3.37	42	259085	41.277	ng	99
6) Aniline	6.54	93	792044	40.634	ng	95
8) 2-Chlorophenol	6.66	128	458343	39.973	ng	95
9) Benzaldehyde	6.42	77	328247	39.978	ng	98
10) Phenol	6.52	94	635819	40.552	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	486374	40.871	ng	92
12) 1,3-Dichlorobenzene	6.81	146	518738	39.588	ng	98
13) 1,4-Dichlorobenzene	6.89	146	521754	39.716	ng	99
14) 1,2-Dichlorobenzene	7.04	146	471343	38.910	ng	98
15) Benzyl Alcohol	7.02	79	404667	39.761	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	838945	41.054	ng	99
17) 2-Methylphenol	7.12	107	423602	40.652	ng	98
18) Hexachloroethane	7.38	117	192411	40.233	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	334838	39.834	ng	96
20) 3+4-Methylphenols	7.28	107	476967	37.550	ng	# 67
22) Acetophenone	7.29	105	634201	36.918	ng	# 95
24) Nitrobenzene	7.46	77	552498	38.940	ng	97
25) Isophorone	7.69	82	1001056	39.441	ng	97
26) 2-Nitrophenol	7.77	139	269350	40.325	ng	93
27) 2,4-Dimethylphenol	7.80	122	385888	37.796	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	590794	39.591	ng	99
29) 2,4-Dichlorophenol	8.02	162	375339	38.398	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	400599	38.485	ng	100
31) Naphthalene	8.18	128	1354532	37.594	ng	100
32) Benzoic acid	7.95	122	281318	38.704	ng	97
33) 4-Chloroaniline	8.23	127	596159	38.343	ng	99
34) Hexachlorobutadiene	8.29	225	204481	37.723	ng	98
35) Caprolactam	8.61	113	139361	40.566	ng	# 79
36) 4-Chloro-3-methylphenol	8.71	107	428019	38.821	ng	98
37) 2-Methylnaphthalene	8.87	142	886048	38.050	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	356836	39.023	ng	99
40) Hexachlorocyclopentadiene	9.02	237	111618	39.667	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103203.D
 Acq On : 23 Feb 2018 16:50
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 17:22:23 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

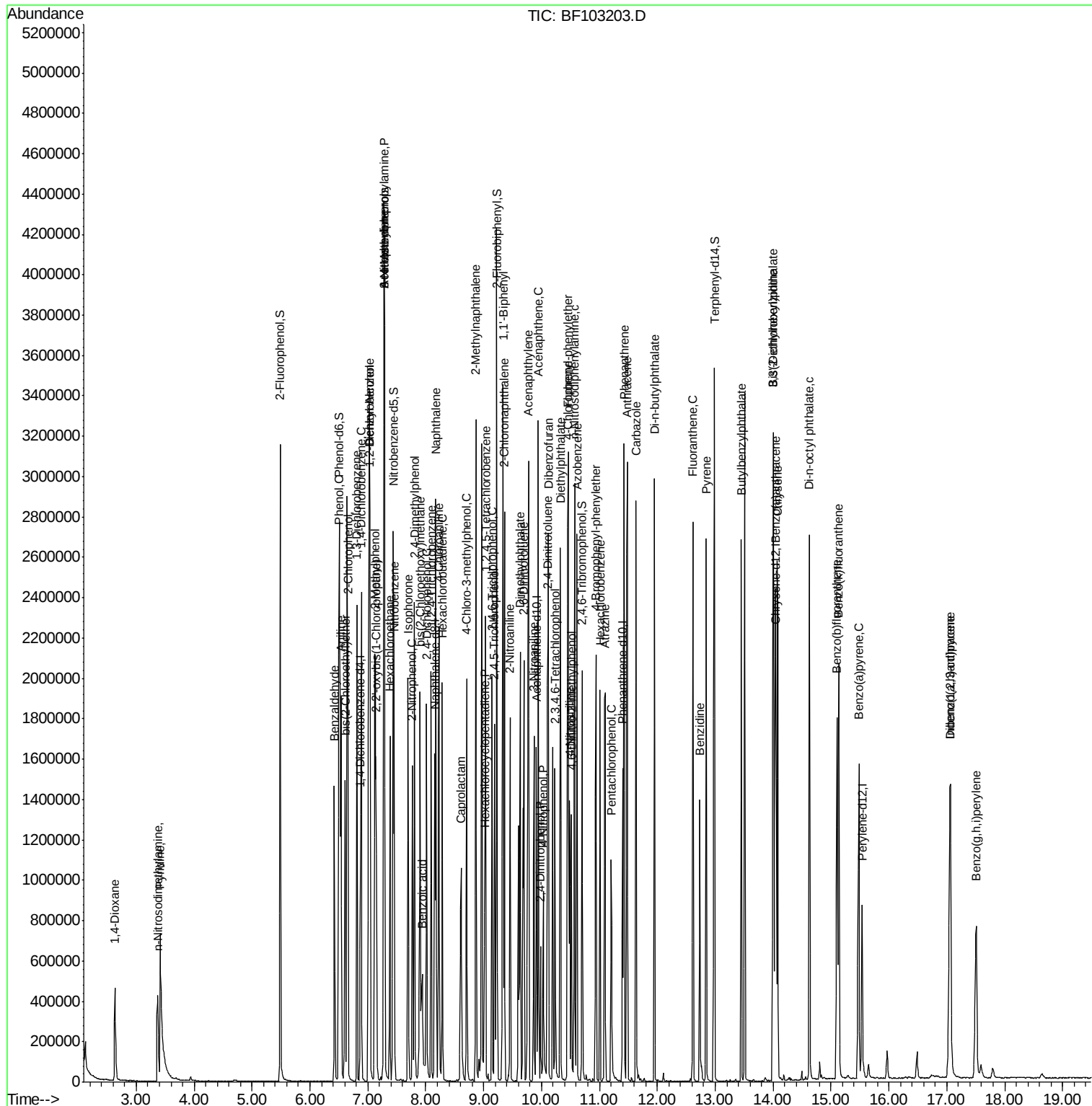
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	245117	39.838	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	269859	38.133	ng	98
45) 1,1'-Biphenyl	9.33	154	1059668	37.807	ng	99
46) 2-Chloronaphthalene	9.36	162	850974	38.377	ng	99
47) 2-Nitroaniline	9.46	65	326394	39.738	ng	87
48) Acenaphthylene	9.77	152	1280247	37.525	ng	98
49) Dimethylphthalate	9.63	163	1023963	38.160	ng	100
50) 2,6-Dinitrotoluene	9.70	165	220124	39.091	ng	93
51) Acenaphthene	9.95	154	749532	37.676	ng	100
52) 3-Nitroaniline	9.87	138	276516	38.705	ng	98
53) 2,4-Dinitrophenol	9.98	184	74704	41.932	ng	# 19
54) Dibenzofuran	10.12	168	1050772	38.476	ng	96
55) 4-Nitrophenol	10.03	139	166581	37.622	ng	95
56) 2,4-Dinitrotoluene	10.10	165	284266	39.915	ng	# 92
57) Fluorene	10.46	166	824693	35.449	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	179536	37.766	ng	95
59) Diethylphthalate	10.33	149	960061	37.409	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	372153	37.723	ng	96
61) 4-Nitroaniline	10.49	138	270902	37.964	ng	96
62) Azobenzene	10.61	77	1007103	38.553	ng	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	136281	41.239	ng	93
65) n-Nitrosodiphenylamine	10.57	169	758592	39.359	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	228393	39.608	ng	96
67) Hexachlorobenzene	11.01	284	246426	39.373	ng	98
68) Atrazine	11.10	200	222503	38.408	ng	98
69) Pentachlorophenol	11.20	266	126927	41.942	ng	99
70) Phenanthrene	11.43	178	1147595	37.671	ng	99
71) Anthracene	11.48	178	1170344	37.465	ng	100
72) Carbazole	11.63	167	1146433	36.853	ng	99
73) Di-n-butylphthalate	11.95	149	1492951	38.354	ng	99
74) Fluoranthene	12.62	202	1148435	37.515	ng	99
76) Benzidine	12.73	184	510983	34.716	ng	96
77) Pyrene	12.84	202	1169192	38.089	ng	100
79) Butylbenzylphthalate	13.45	149	626726	38.644	ng	96
80) Benzo(a)anthracene	14.04	228	978816	38.316	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	328037	35.982	ng	99
82) Chrysene	14.07	228	942701	38.006	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	845241	38.621	ng	98
84) Di-n-octyl phthalate	14.63	149	1369108	38.718	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	793034	40.385	ng	99
87) Benzo(b)fluoranthene	15.10	252	885983	37.033	ng	99
88) Benzo(k)fluoranthene	15.13	252	894314	39.697	ng	99
89) Benzo(a)pyrene	15.48	252	839604	39.299	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	639442	38.734	ng	98
91) Benzo(g,h,i)perylene	17.51	276	660681	40.948	ng	97

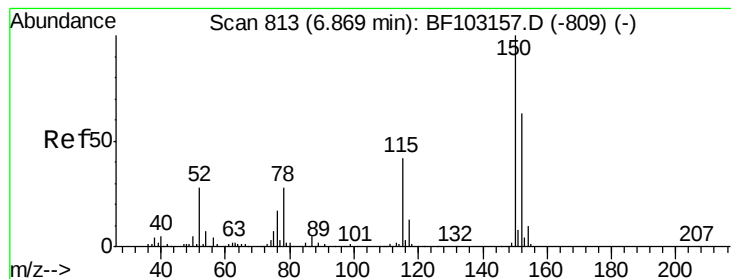
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
Data File : BF103203.D
Acq On : 23 Feb 2018 16:50
Operator : SJ/JU
Sample : SSTCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 23 17:22:23 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



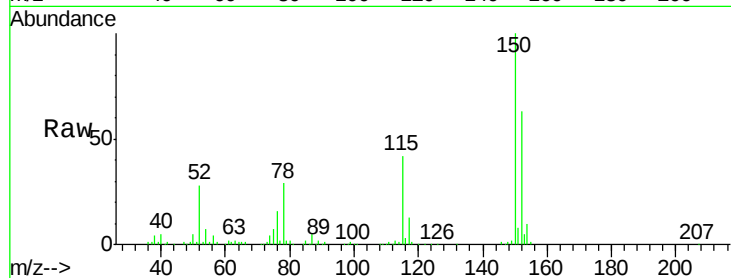


#1

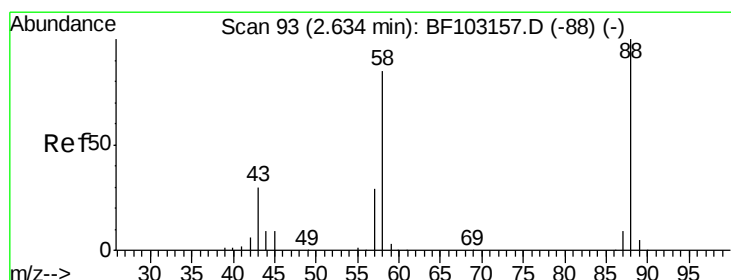
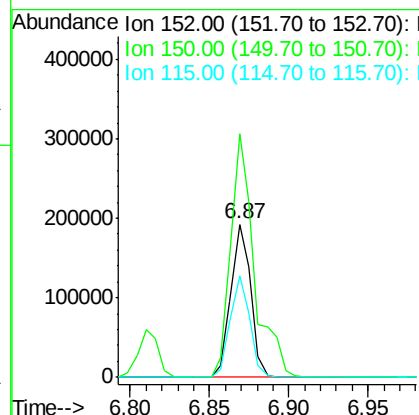
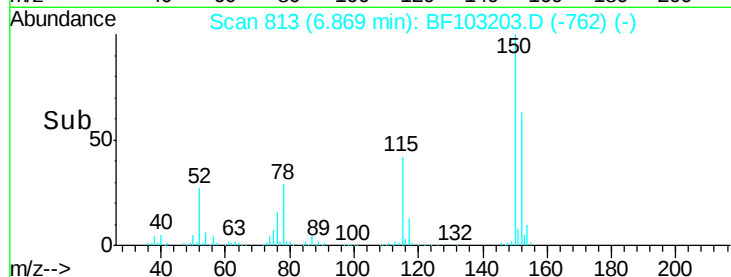
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166936
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 66.2 50.1 75.1



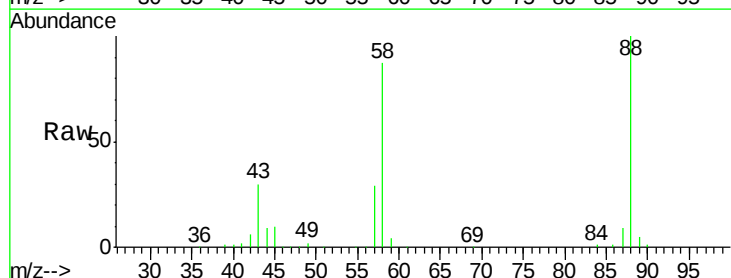
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



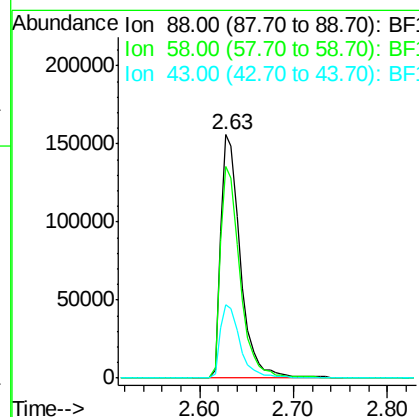
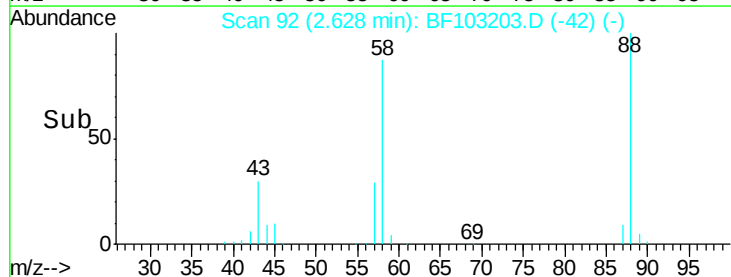
#2

1,4-Dioxane
Concen: 39.263 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion: 88 Resp: 228890
Ion Ratio Lower Upper
88 100
58 86.5 62.6 93.8
43 30.3 24.6 37.0



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





#3

Pvridine

Concen: 39.977 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampleId :

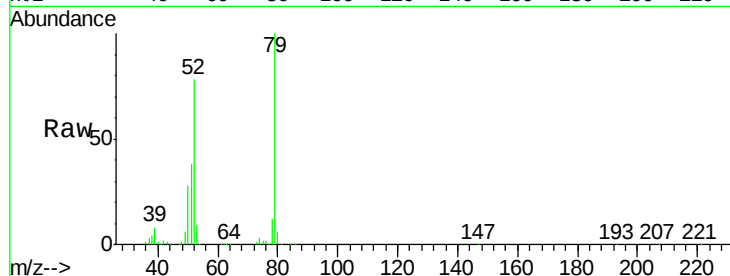
Tot Ion: 79 Resp: 622175

Ion Ratio Lower Upper

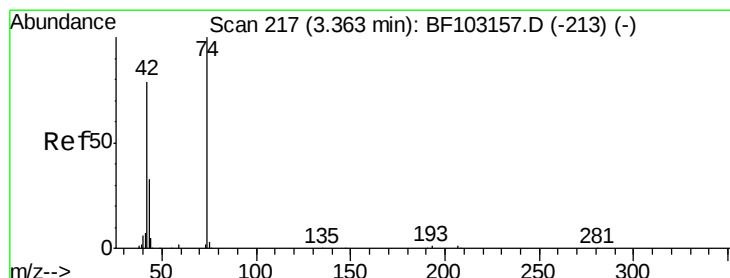
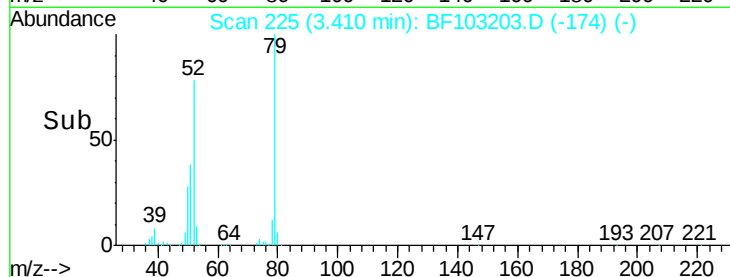
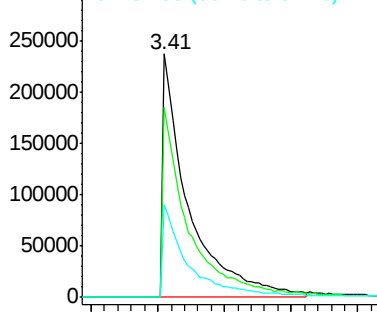
79 100

52 78.2 59.8 89.6

51 38.1 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: 41.277 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

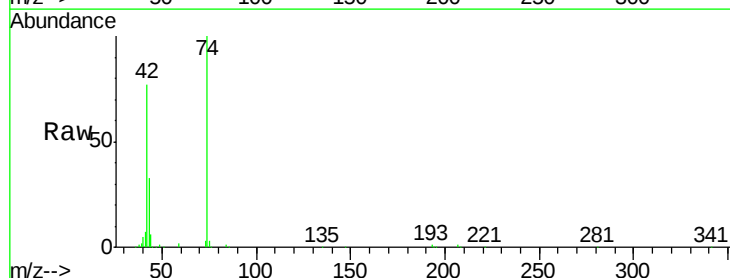
Tgt Ion: 42 Resp: 259085

Ion Ratio Lower Upper

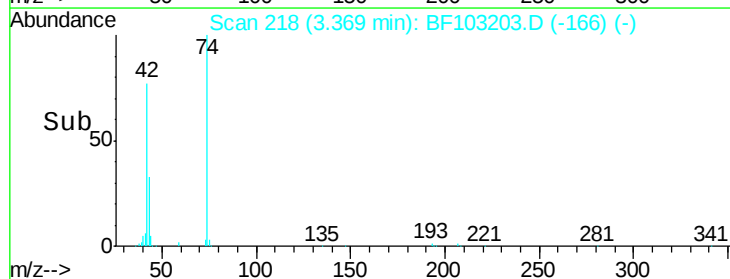
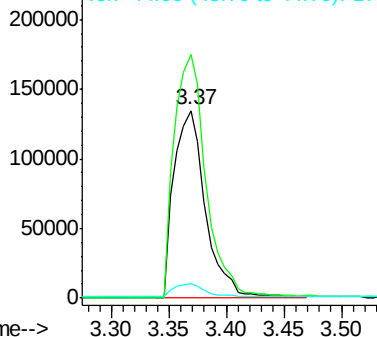
42 100

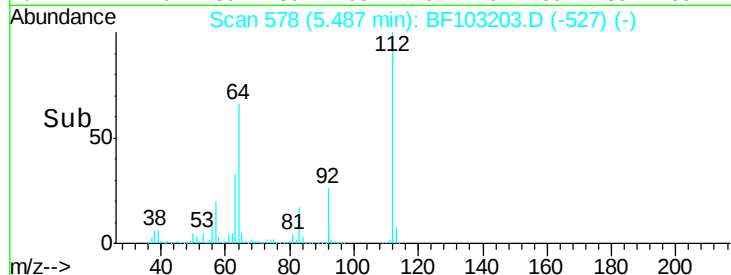
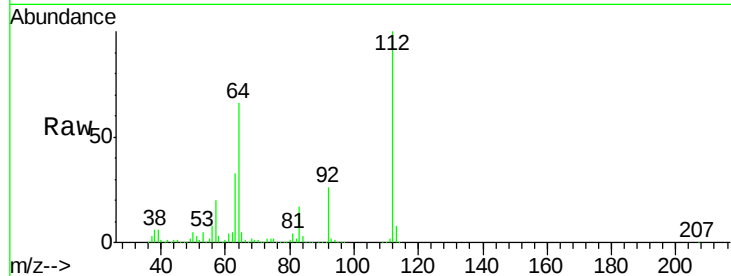
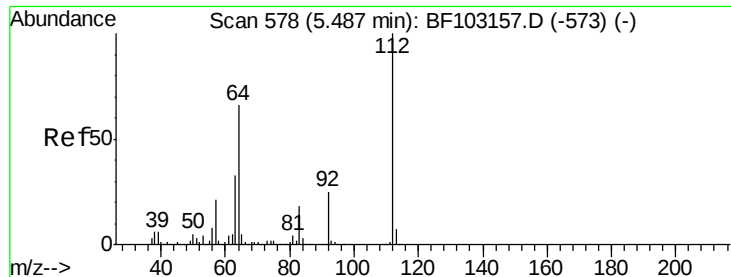
74 129.8 104.9 157.3

44 7.4 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: 77.502 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampleId :

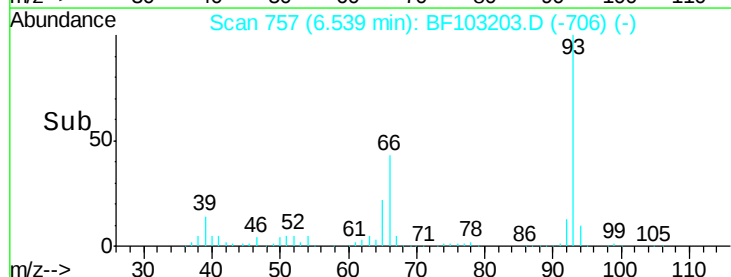
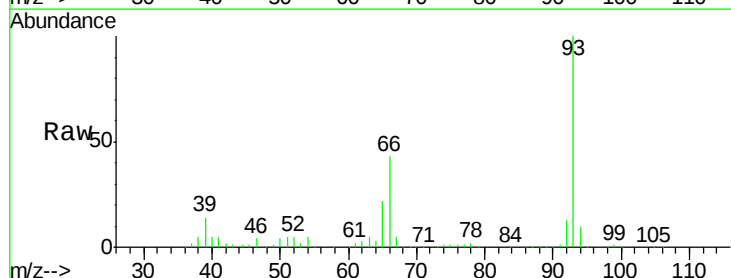
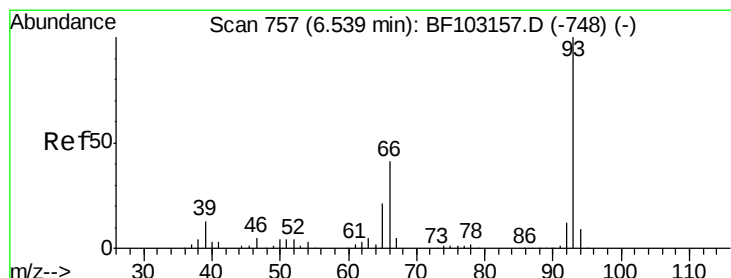
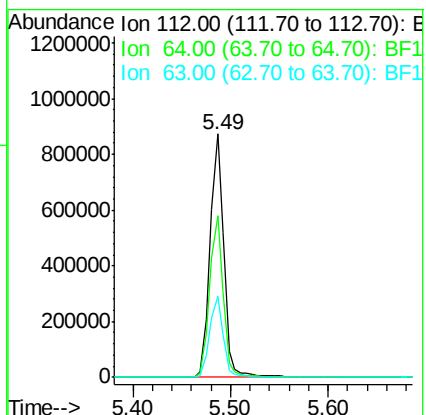
Tot Ion:112 Resp: 855438

Ion Ratio Lower Upper

112 100

64 66.2 47.9 71.9

63 33.3 23.7 35.5



#6

Aniline

Concen: 40.634 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

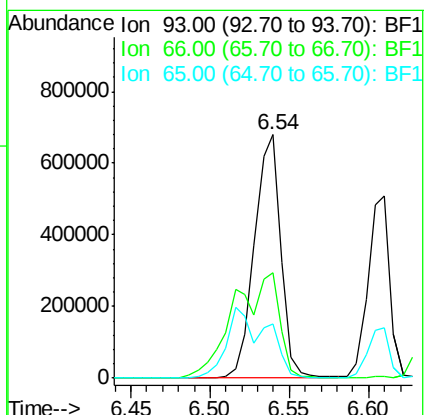
Tgt Ion: 93 Resp: 792044

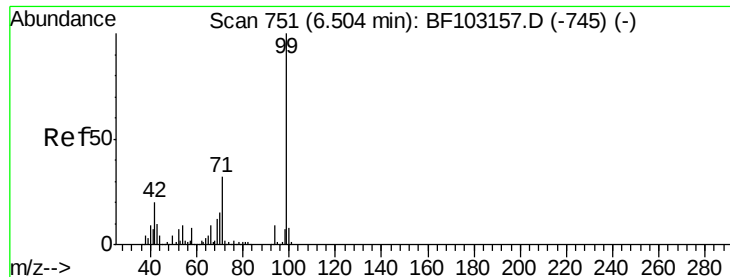
Ion Ratio Lower Upper

93 100

66 43.4 32.2 48.2

65 22.1 16.4 24.6





#7

Phenol-d6

Concen: 79.170 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampled :

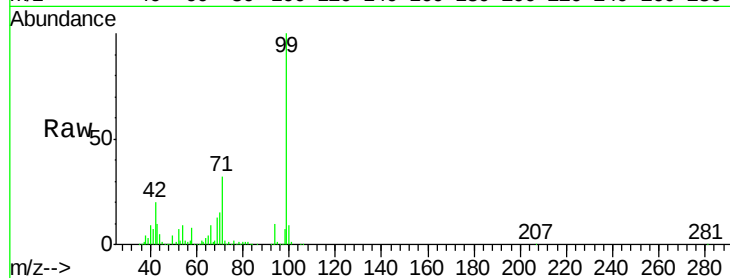
Tot Ion: 99 Resp: 1069282

Ion Ratio Lower Upper

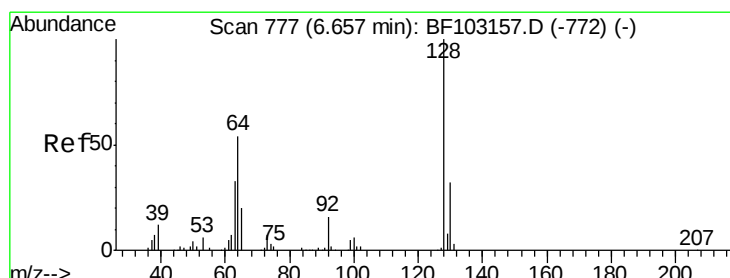
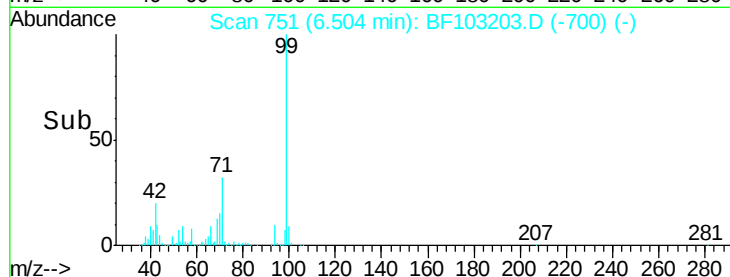
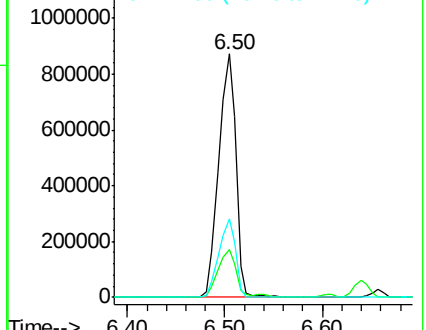
99 100

42 19.6 14.5 21.7

71 32.0 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: 39.973 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

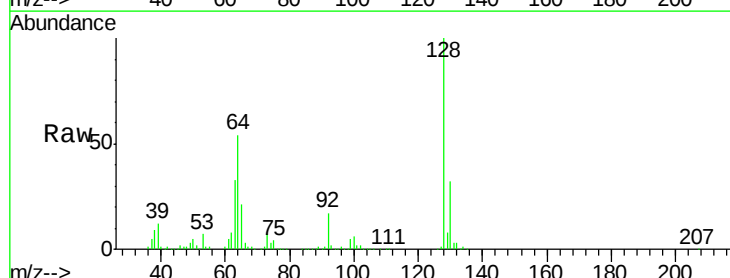
Tgt Ion: 128 Resp: 458343

Ion Ratio Lower Upper

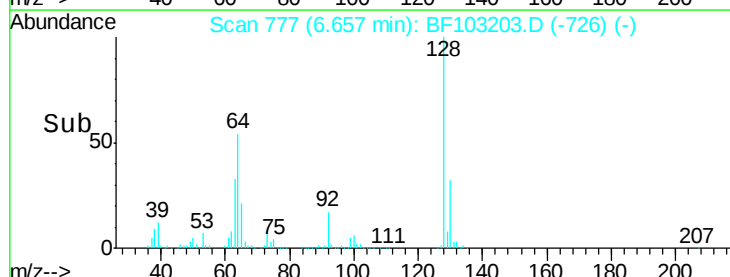
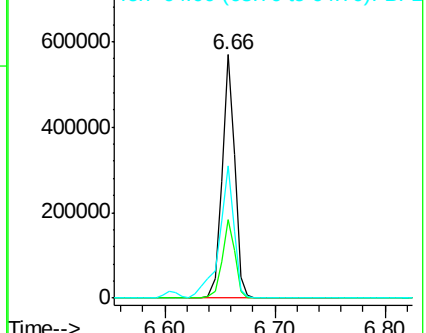
128 100

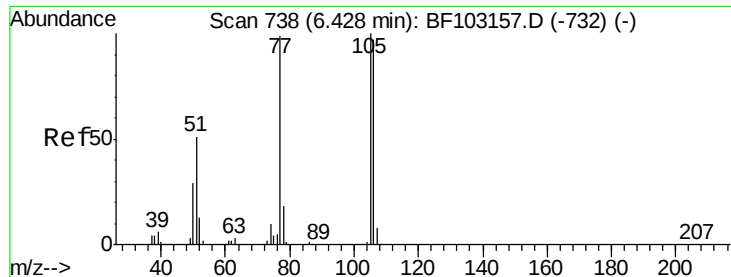
130 32.3 13.0 53.0

64 54.1 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: 39.978 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampleId :

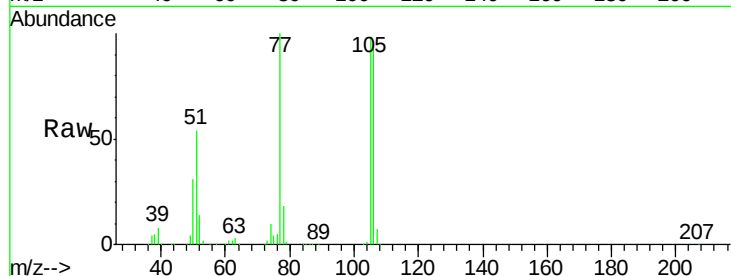
Tot Ion: 77 Resp: 328247

Ion Ratio Lower Upper

77 100

105 97.6 81.1 121.1

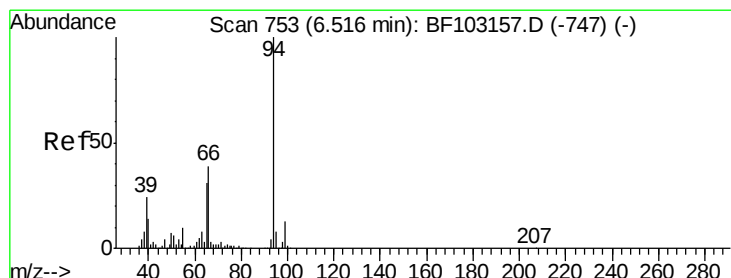
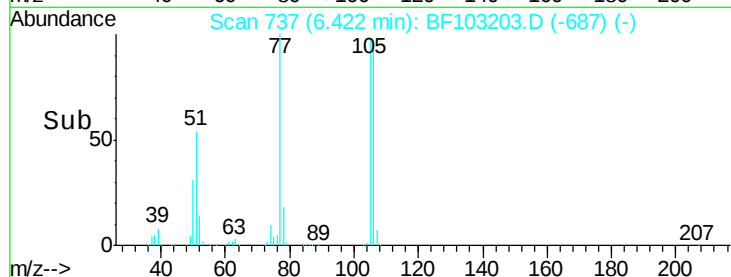
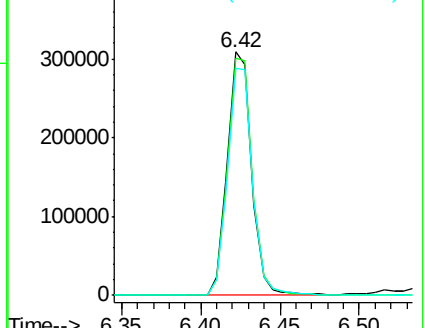
106 93.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.552 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

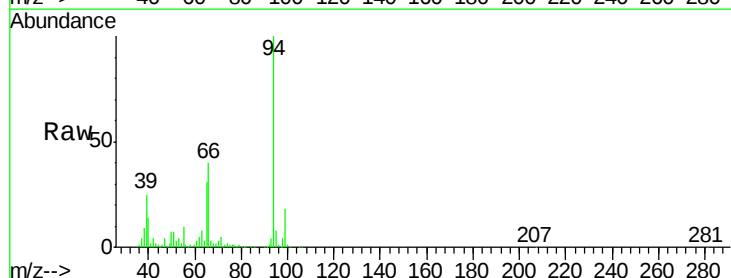
Tgt Ion: 94 Resp: 635819

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

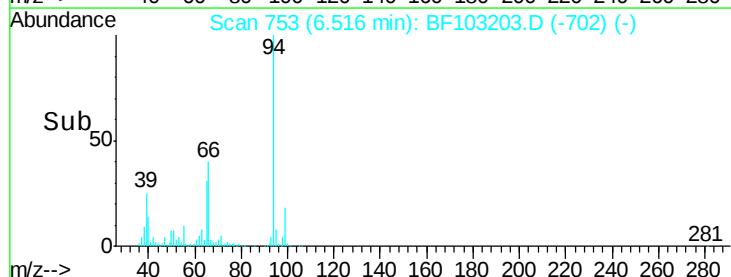
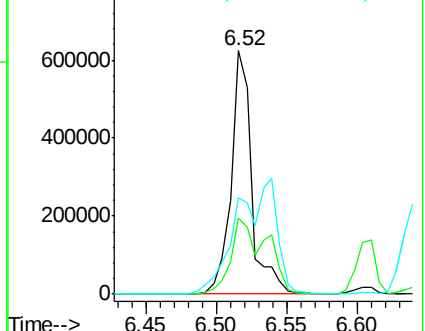
66 39.7 16.2 56.2

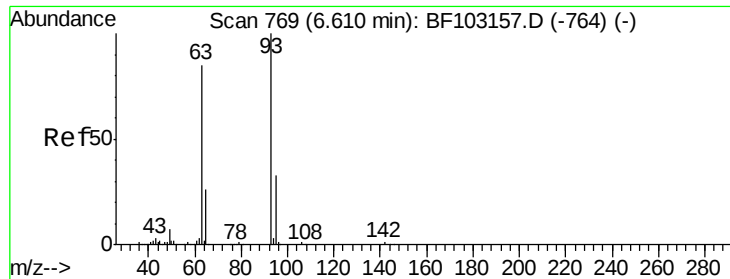


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

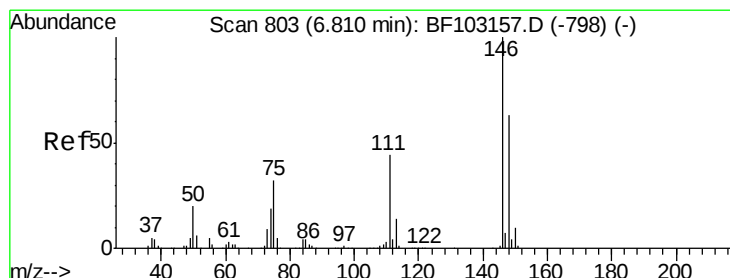
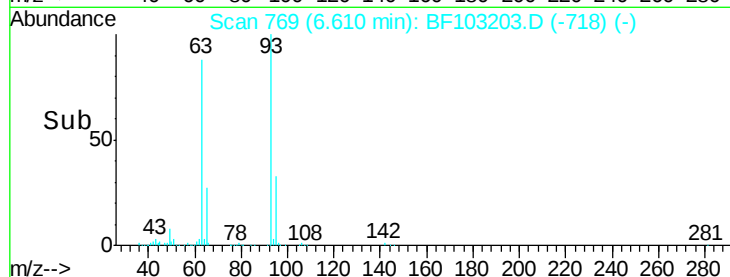
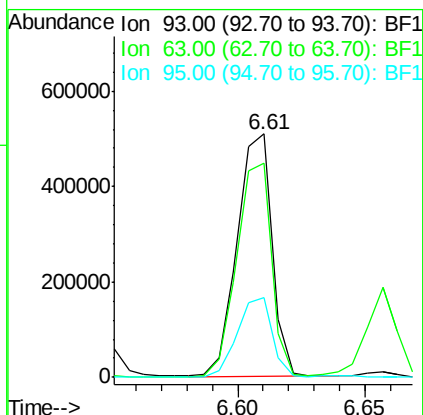
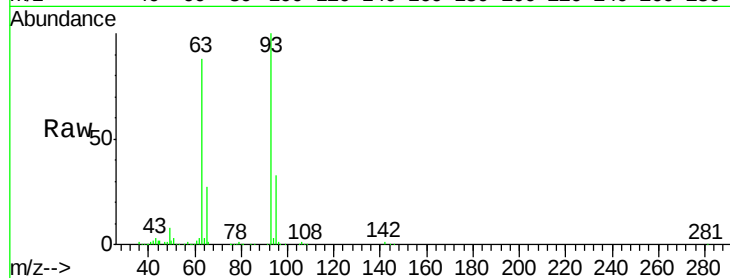




#11
bis(2-Chloroethyl)ether
Concen: 40.871 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

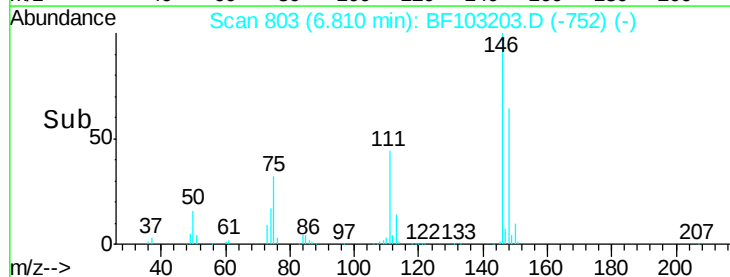
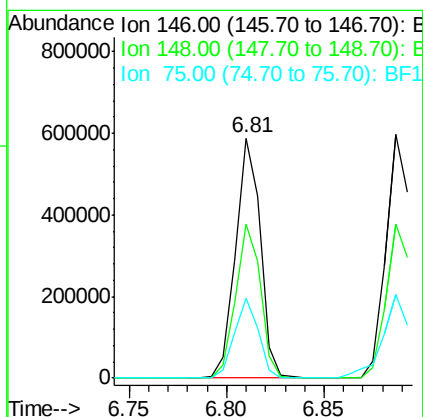
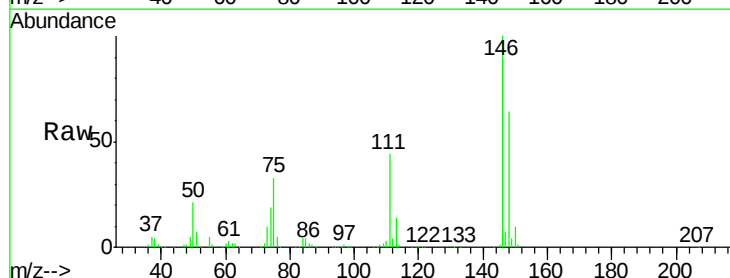
Instrument :
BNA_F
ClientSampleId :

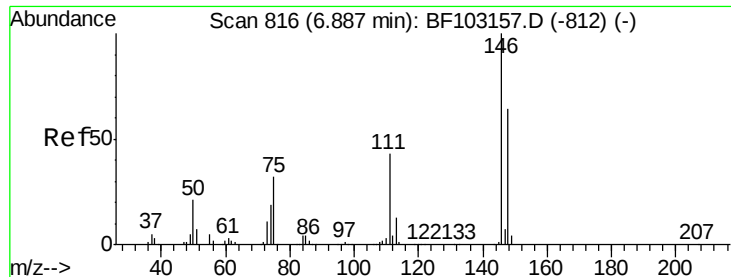
Tot Ion: 93 Resp: 486374
Ion Ratio Lower Upper
93 100
63 87.8 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.588 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion: 146 Resp: 518738
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 33.1 24.2 36.4

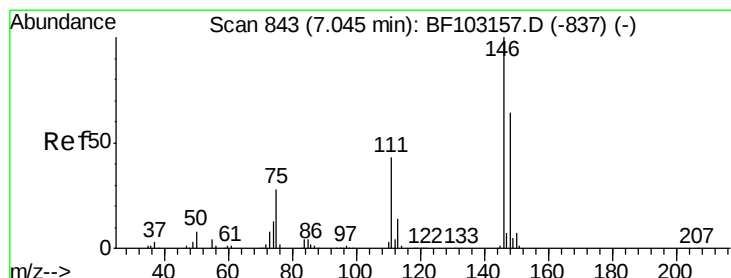
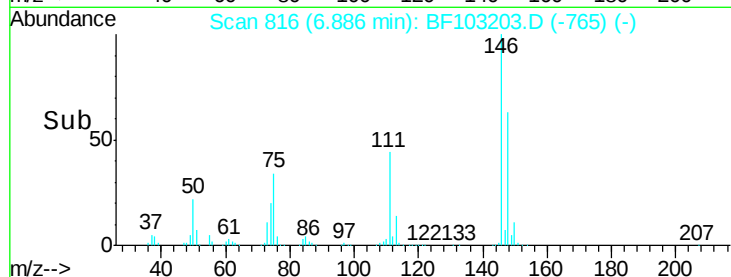
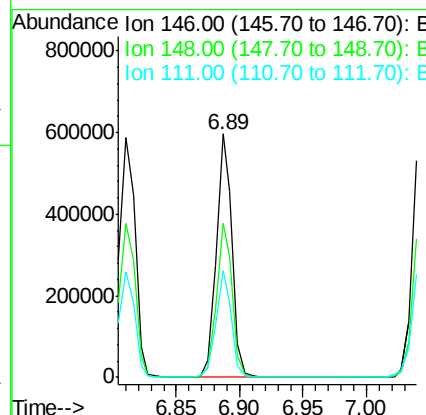
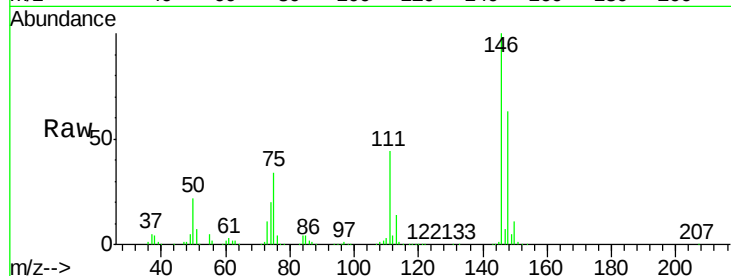




#13
 1,4-Dichlorobenzene
 Concen: 39.716 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

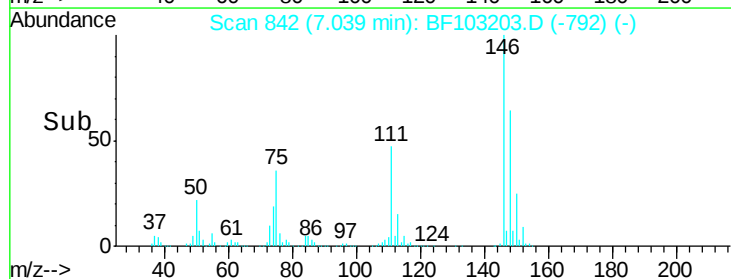
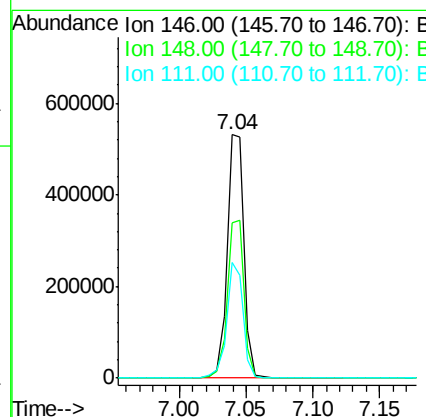
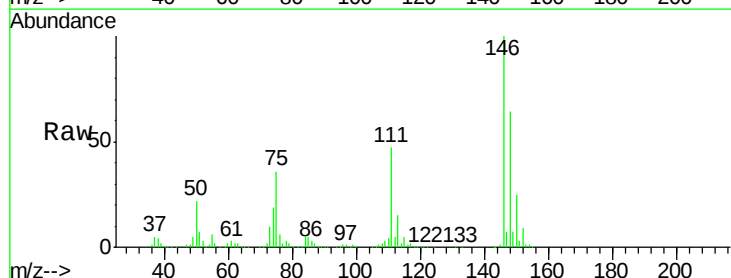
Instrument :
 BNA_F
 ClientSampleId :

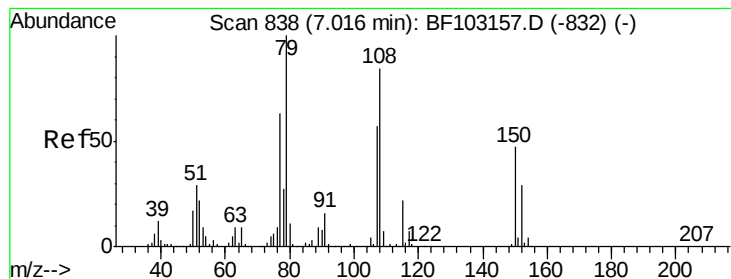
Tot Ion:146 Resp: 521754
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 43.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.910 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Tgt Ion:146 Resp: 471343
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 47.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.761 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampled :

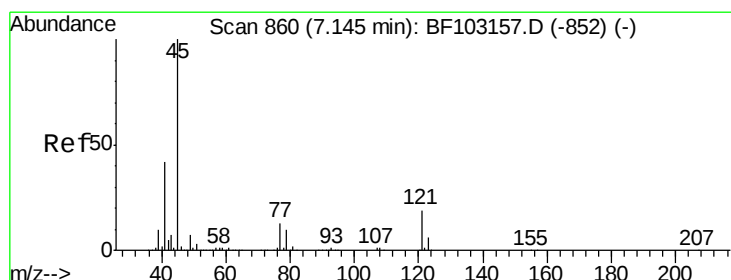
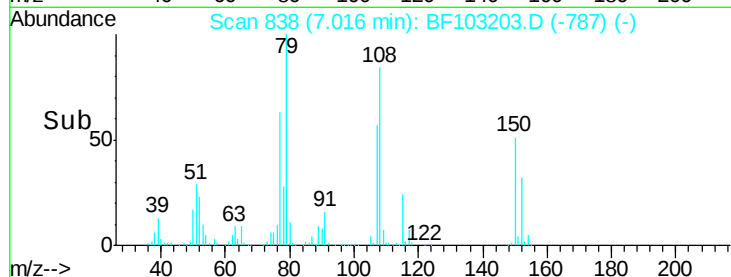
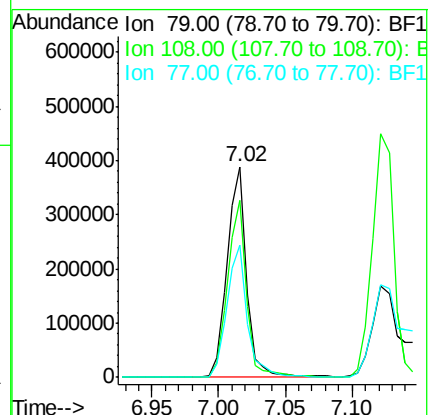
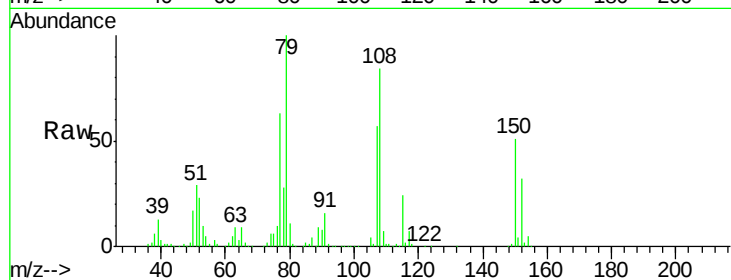
Tot Ion: 79 Resp: 404667

Ion Ratio Lower Upper

79 100

108 84.4 65.1 97.7

77 63.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.054 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

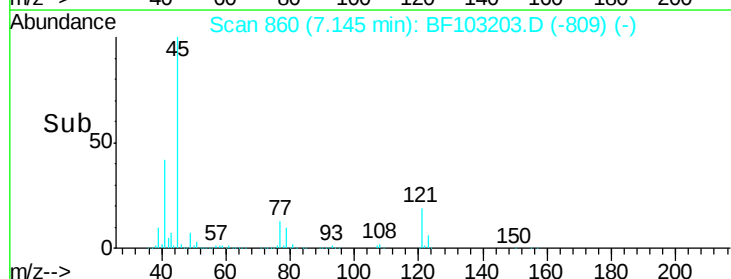
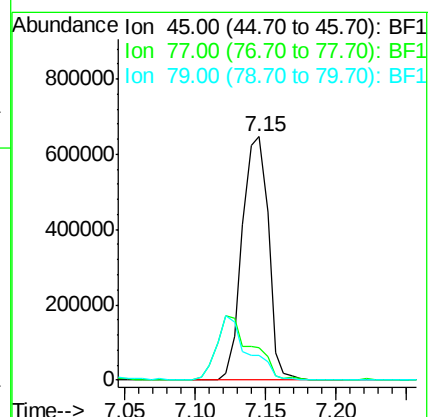
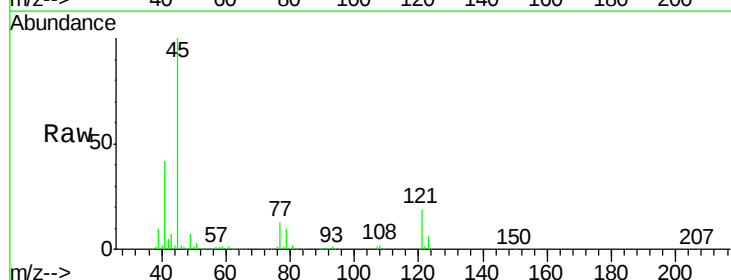
Tgt Ion: 45 Resp: 838945

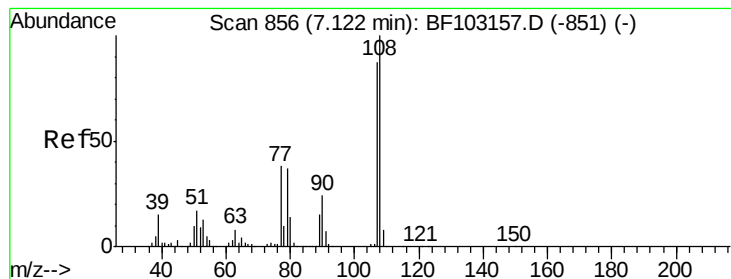
Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.9

79 10.0 0.0 29.6

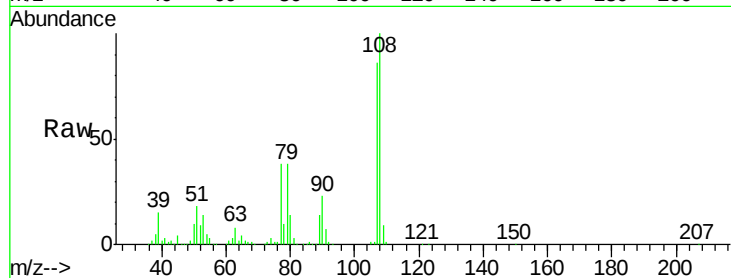




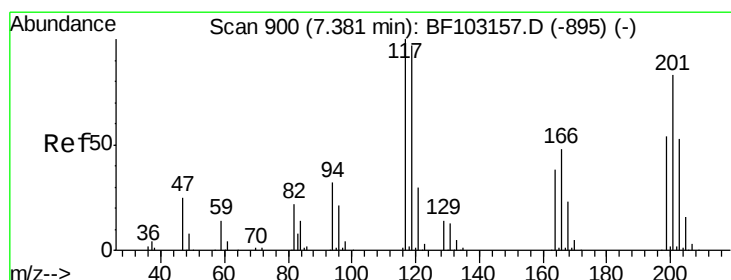
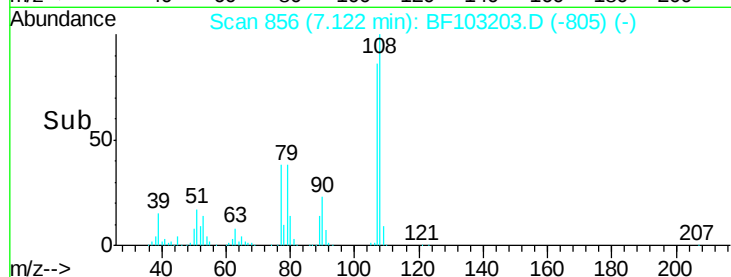
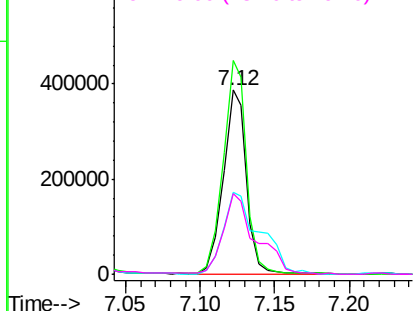
#17
2-Methylphenol
Concen: 40.652 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.7	137.5
77	44.4	33.8	50.8
79	43.8	33.8	50.8

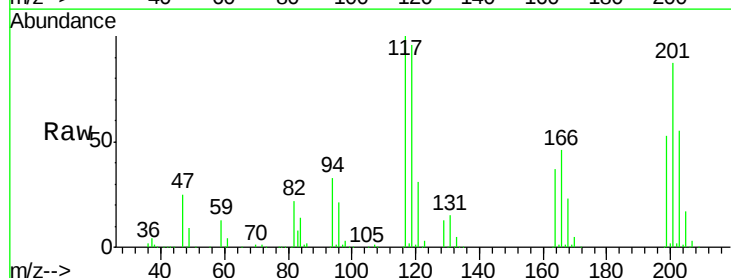


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

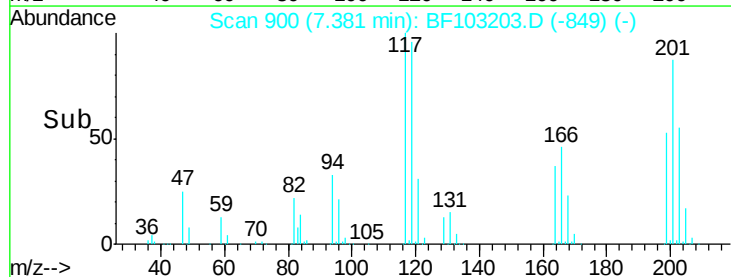
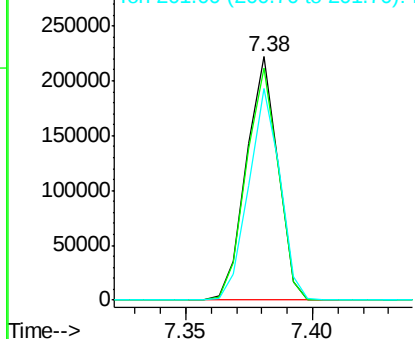


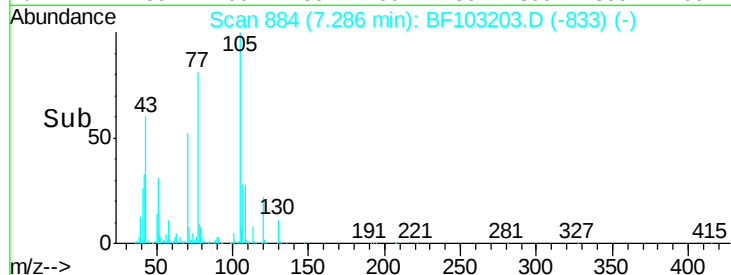
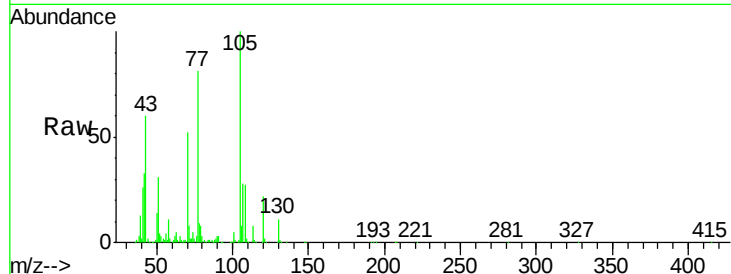
#18
Hexachloroethane
Concen: 40.233 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	86.9	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

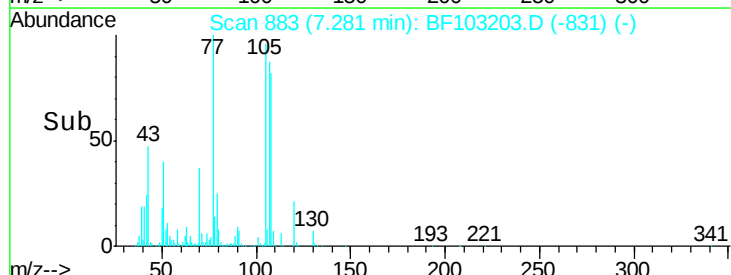
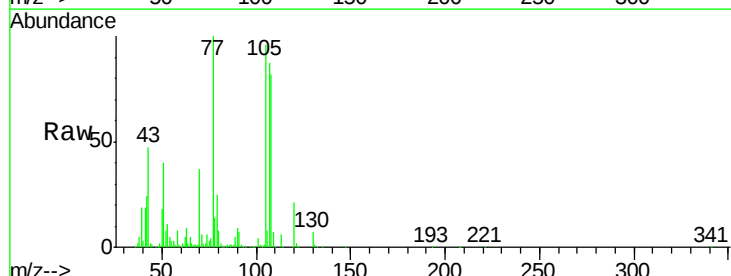
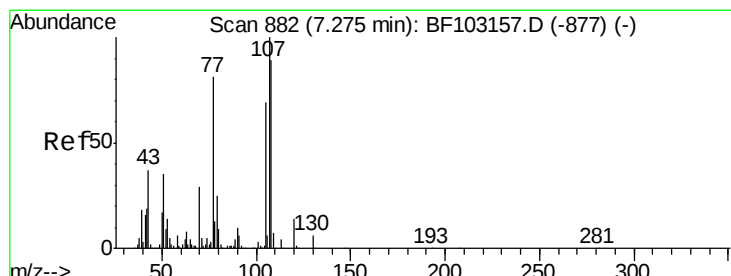
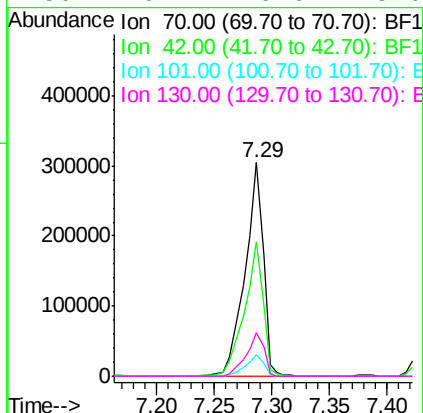




#19
n-Nitroso-di-n-propylamine
Concen: 39.834 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

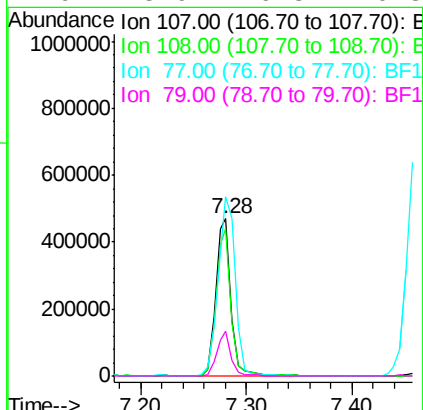
Instrument :
BNA_F
ClientSampleId :

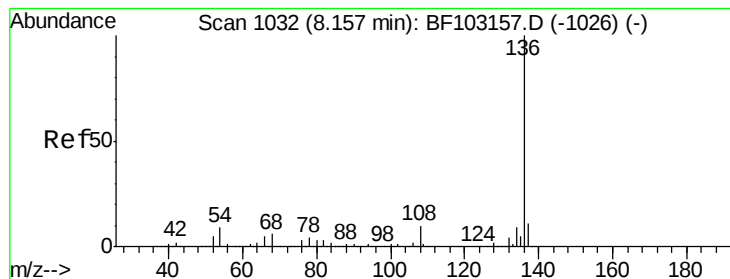
Tot Ion:	70	Resp:	334838
Ion	Ratio	Lower	Upper
70	100		
42	62.9	47.5	71.3
101	10.5	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.550 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:	107	Resp:	476967
Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	114.5	26.7	66.7#
79	28.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 735957

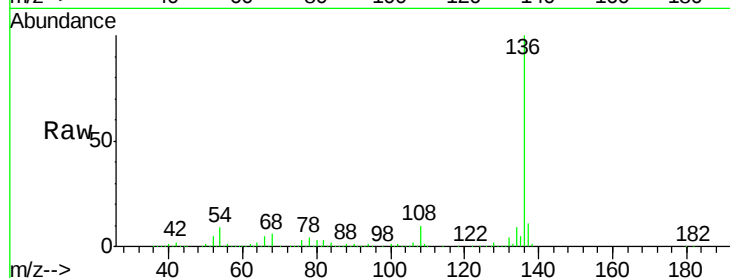
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 6.6 9.8

68 6.4 5.0 7.4

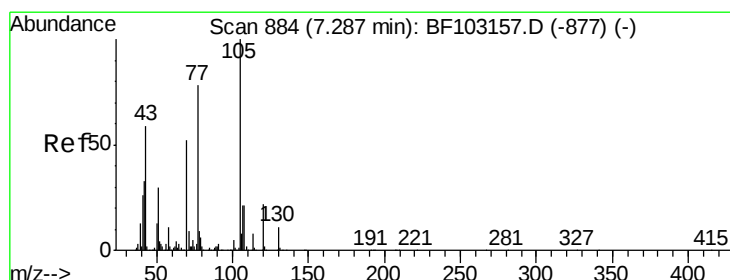
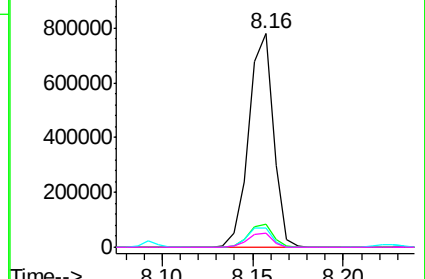
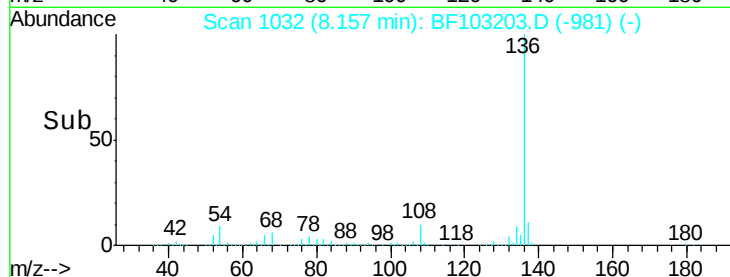


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.918 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Tgt Ion:105 Resp: 634201

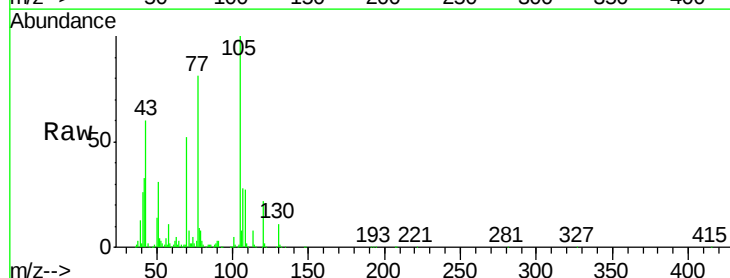
Ion Ratio Lower Upper

105 100

71 8.4 4.4 6.6#

51 31.0 22.3 33.5

120 22.1 16.9 25.3

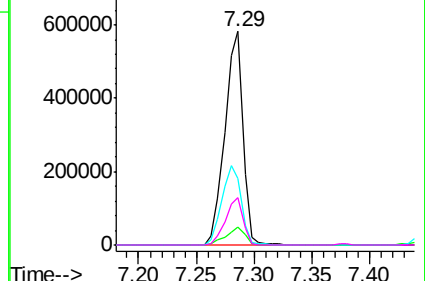
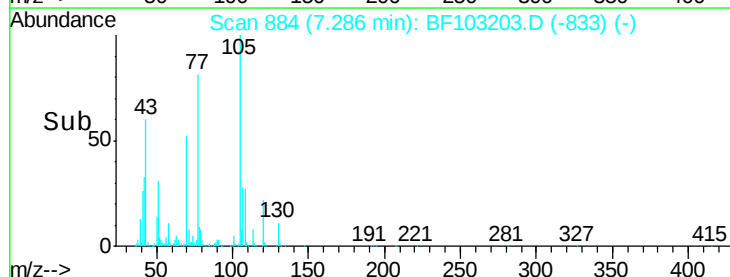


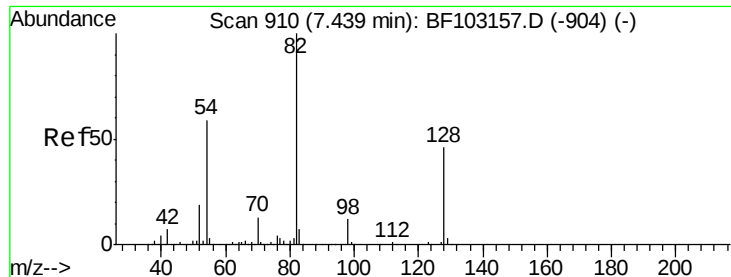
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

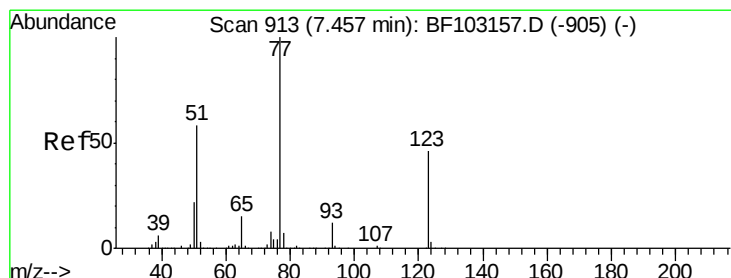
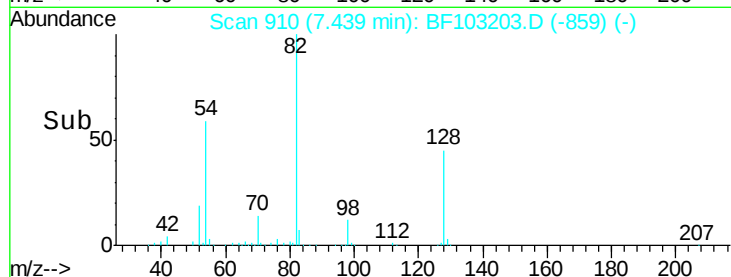
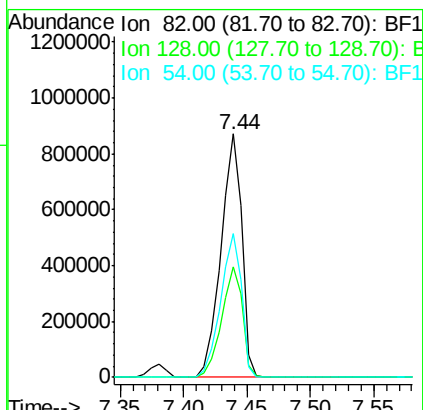
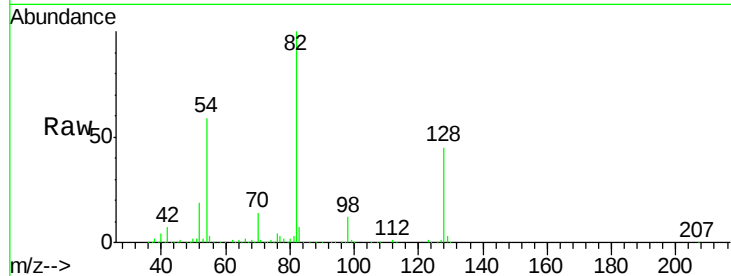




#23
 Nitrobenzene-d5
 Concen: 77.637 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

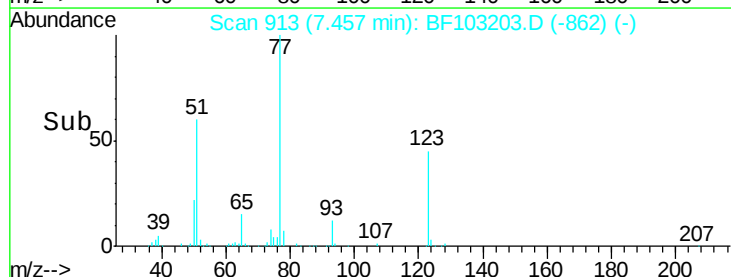
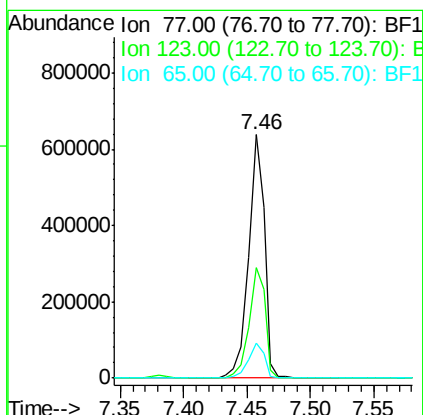
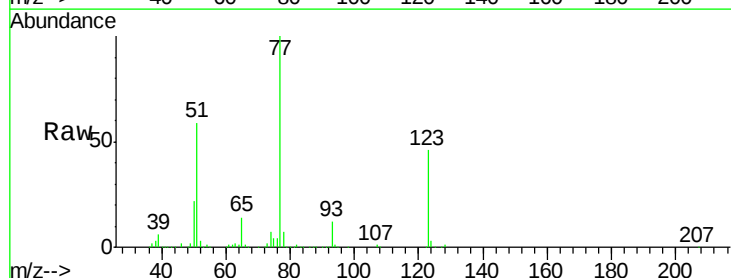
Instrument :
 BNA_F
 ClientSampled :

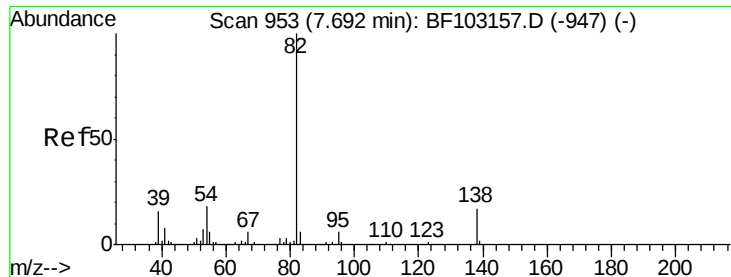
Tot Ion: 82 Resp: 1000514
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 58.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.940 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Tgt Ion: 77 Resp: 552498
 Ion Ratio Lower Upper
 77 100
 123 45.6 37.9 56.9
 65 14.5 11.0 16.4





#25

Isophorone

Concen: 39.441 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

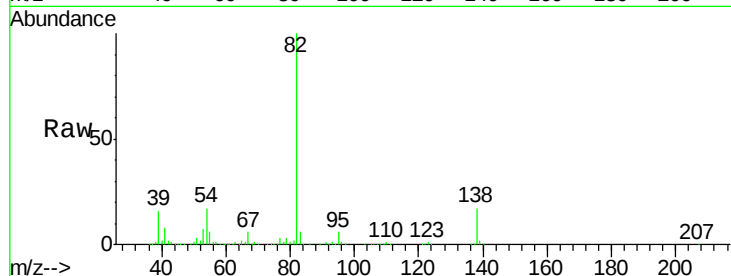
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1001056

Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.2	7.8
138	16.9	14.9	22.3

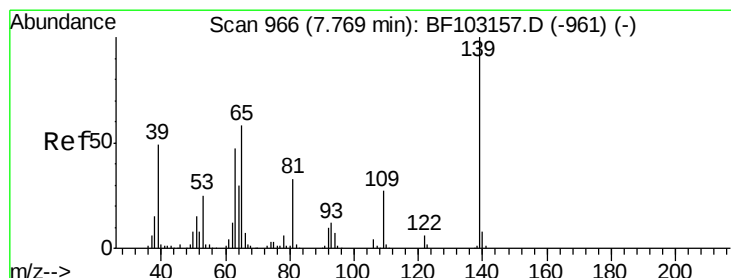
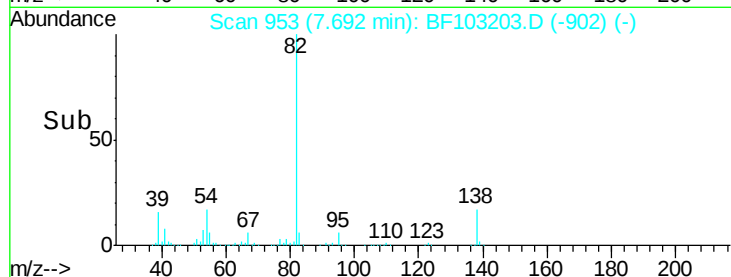
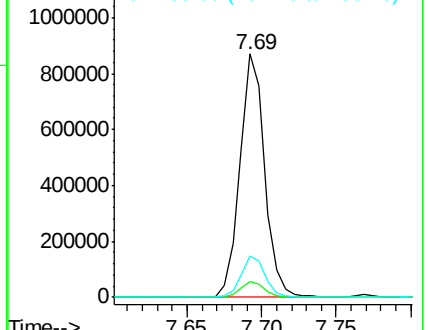


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.325 ng

RT: 7.77 min Scan# 966

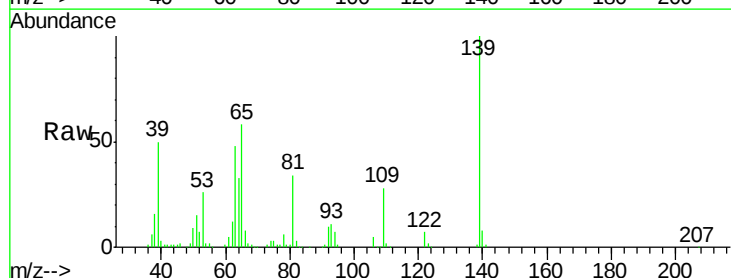
Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Tgt Ion: 139 Resp: 269350

Ion	Ratio	Lower	Upper
139	100		
109	27.8	22.7	34.1
65	57.8	40.5	60.7

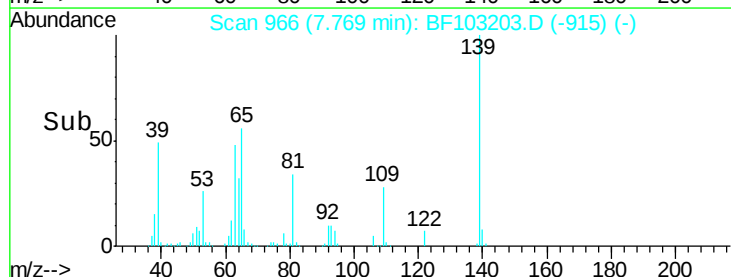
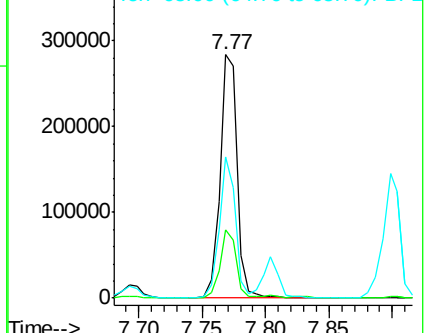


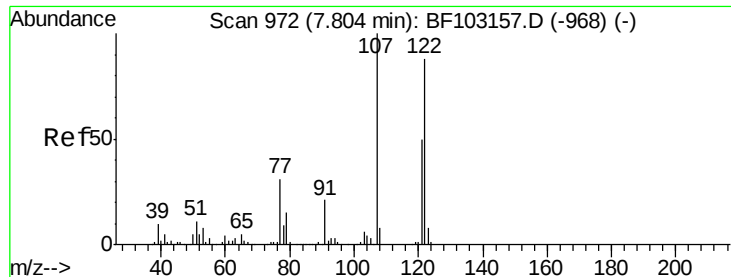
Abundance

Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.796 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampleId :

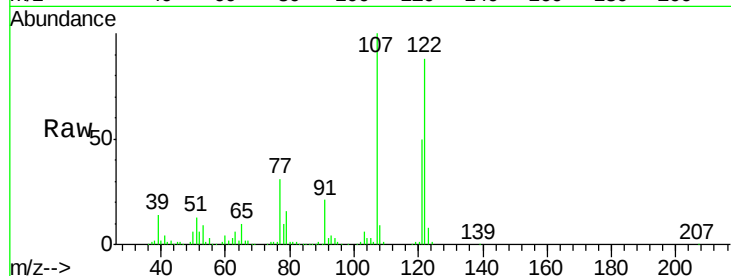
Tot Ion:122 Resp: 385888

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

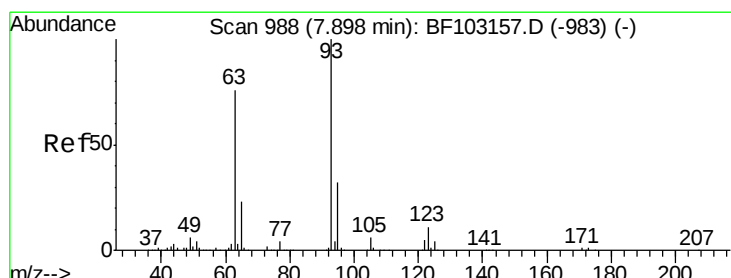
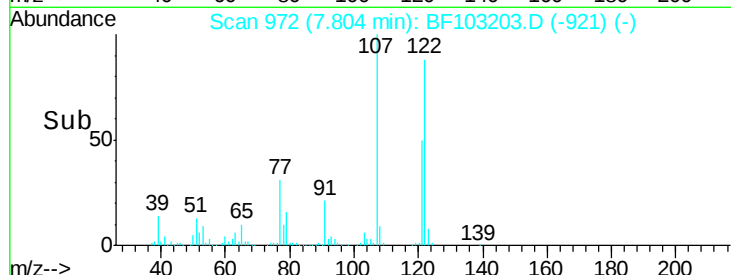
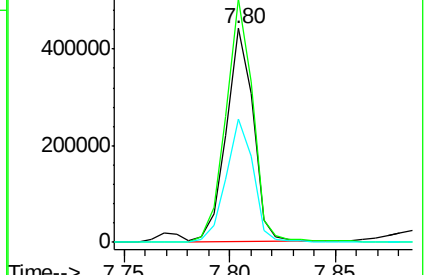
121 57.3 47.2 70.8



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: 39.591 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

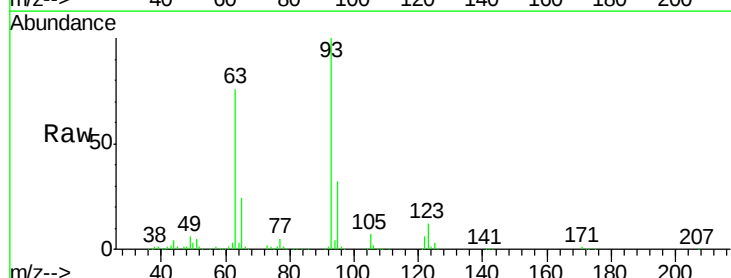
Tgt Ion: 93 Resp: 590794

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

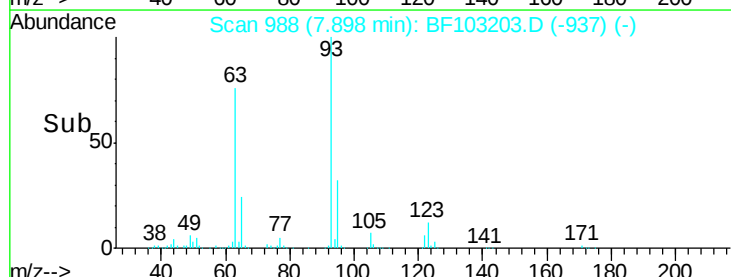
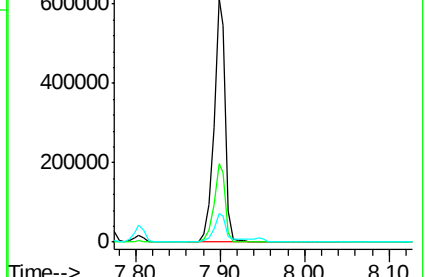
123 11.5 9.8 14.6

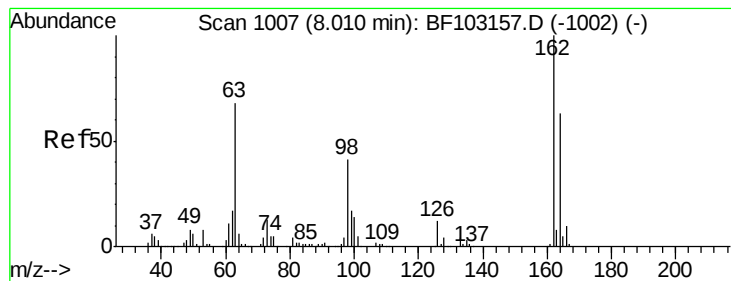


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.398 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampled :

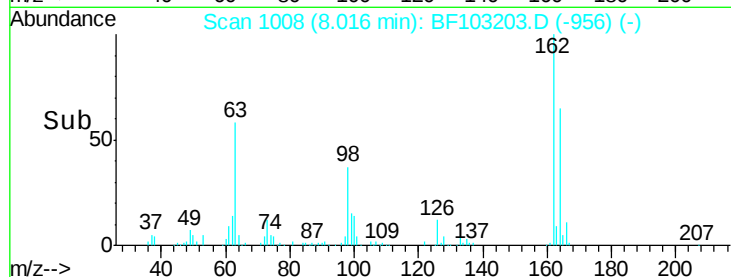
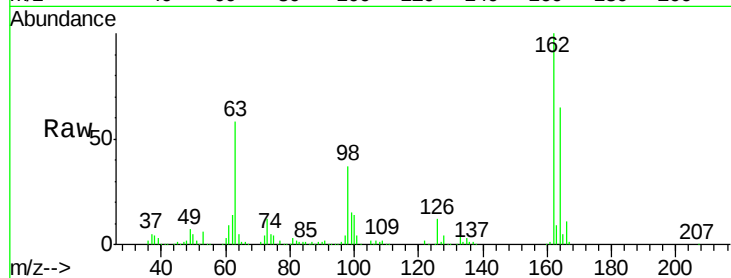
Tot Ion:162 Resp: 375339

Ion Ratio Lower Upper

162 100

164 64.7 42.7 82.7

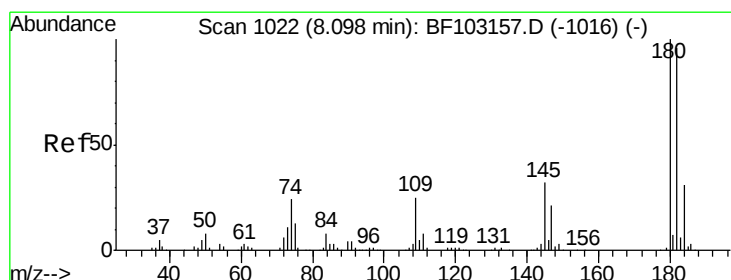
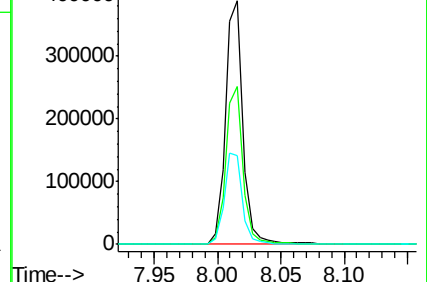
98 36.7 18.1 58.1



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: 38.485 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

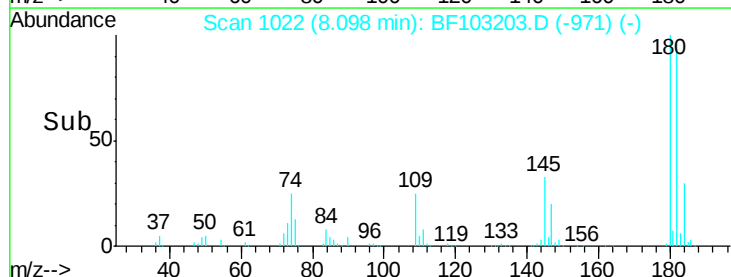
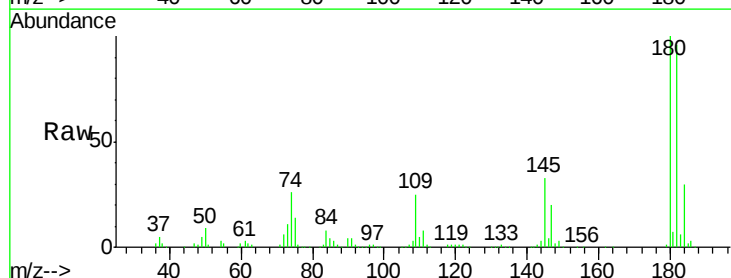
Tgt Ion:180 Resp: 400599

Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

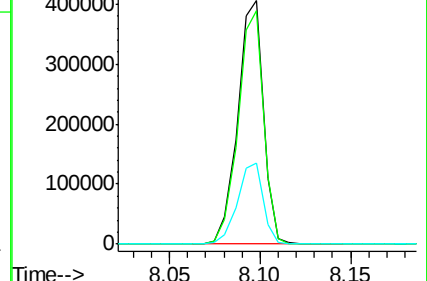
145 33.1 26.5 39.7

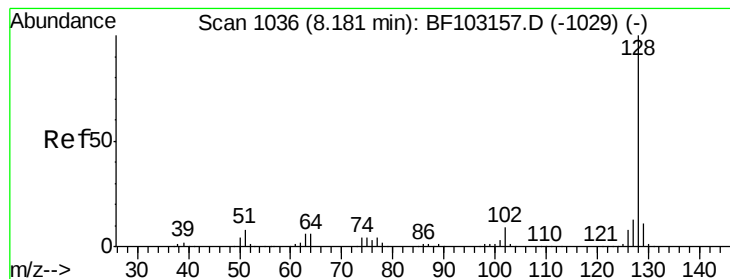


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.594 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampleId :

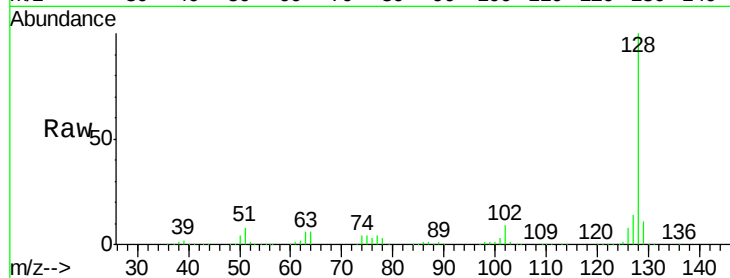
Tot Ion:128 Resp: 1354532

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

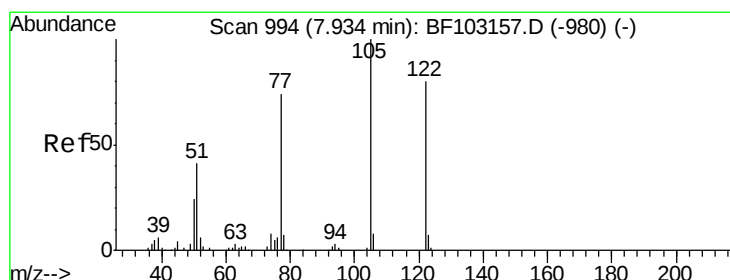
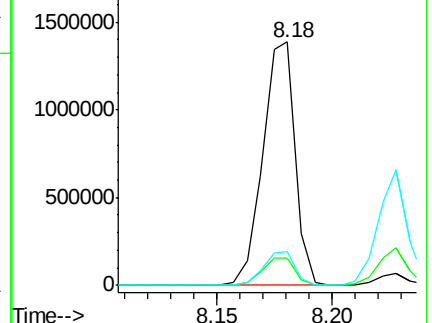
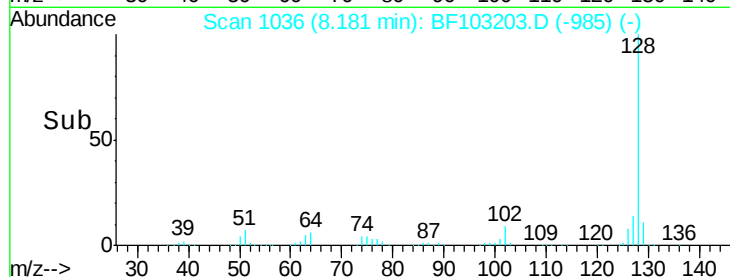
127 13.8 10.9 16.3



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: 38.704 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

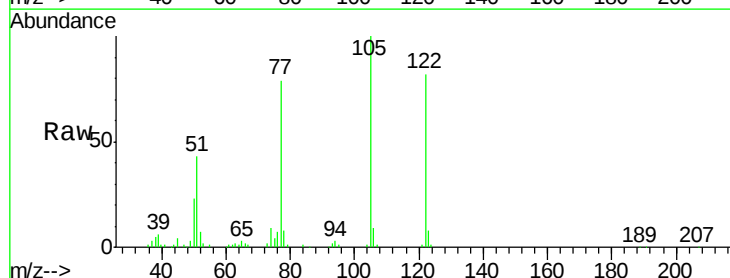
Tgt Ion:122 Resp: 281318

Ion Ratio Lower Upper

122 100

105 122.2 101.1 141.1

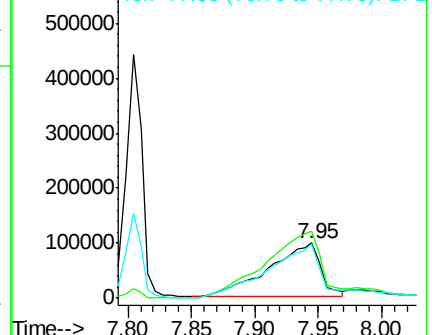
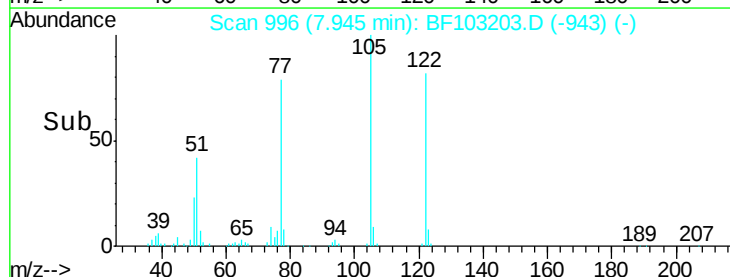
77 97.0 70.7 110.7

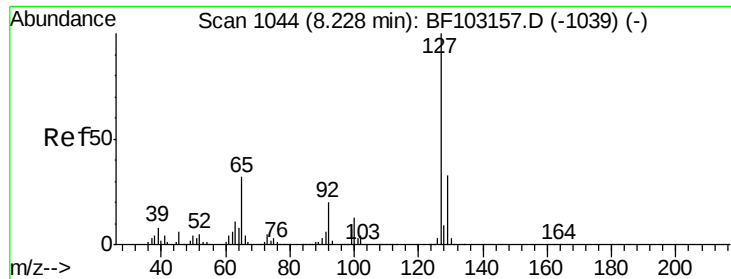


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

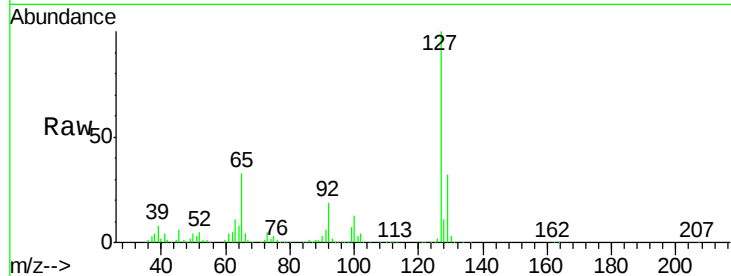




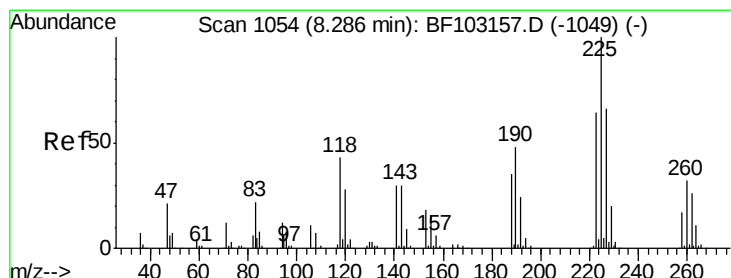
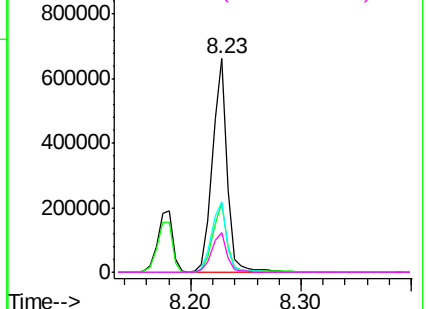
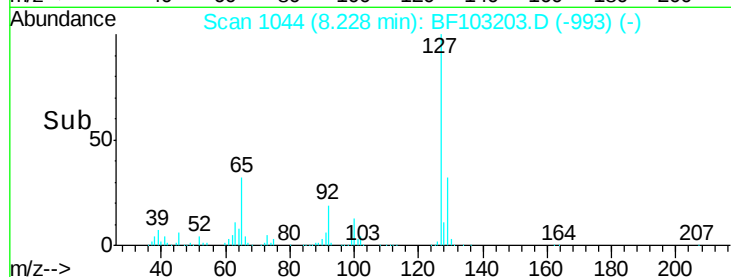
#33
4-Chloroaniline
Concen: 38.343 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	596159
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.9	25.0	37.4
92	18.7	15.2	22.8

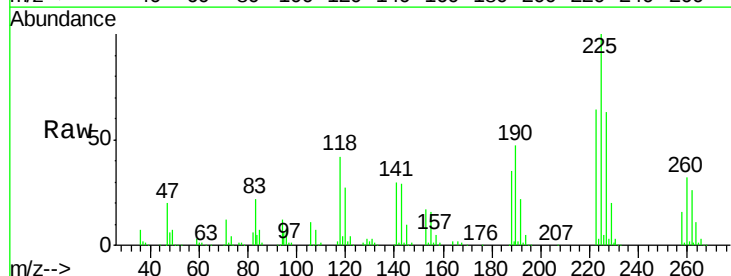


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

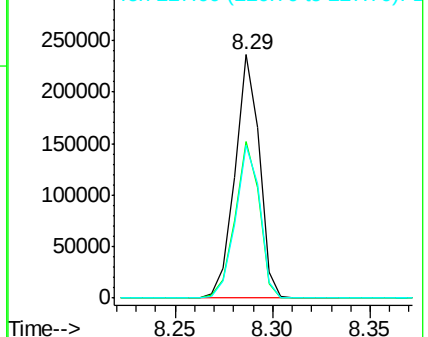
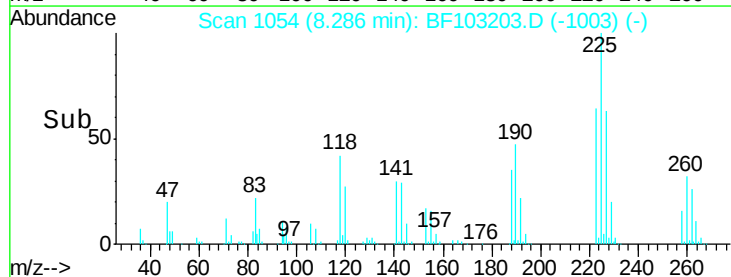


#34
Hexachlorobutadiene
Concen: 37.723 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:	225	Resp:	204481
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	63.0	51.9	77.9



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

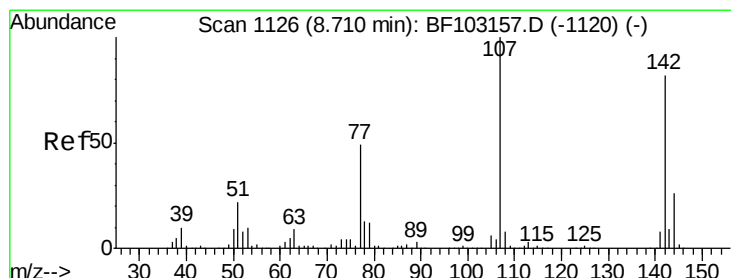
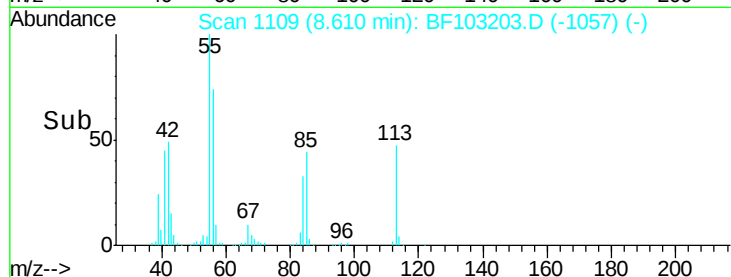
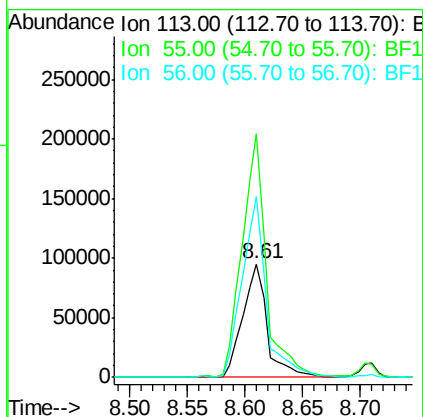
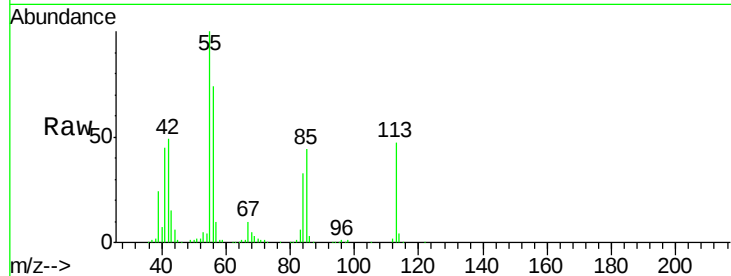




#35
Caprolactam
Concen: 40.566 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

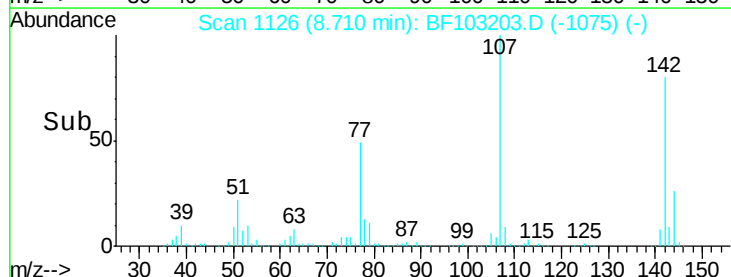
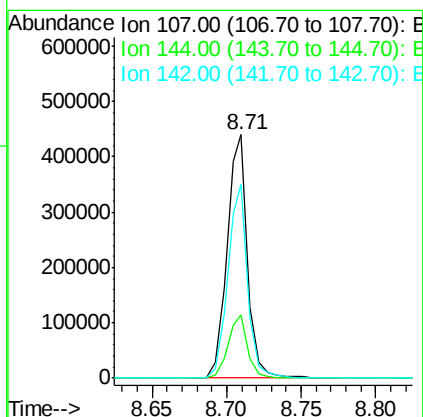
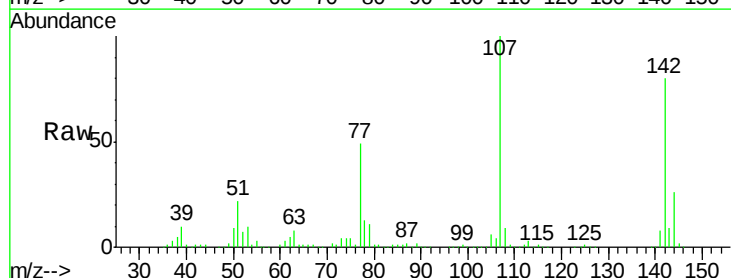
Instrument :
BNA_F
ClientSampled :

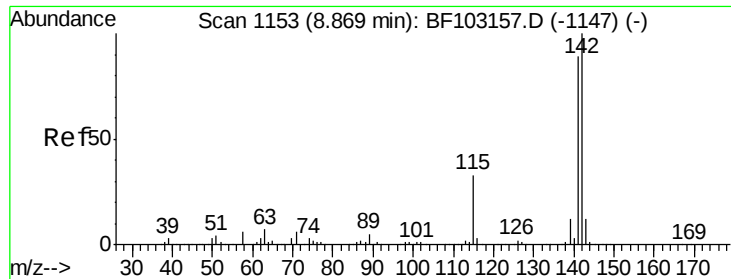
Tot Ion:113 Resp: 139361
Ion Ratio Lower Upper
113 100
55 214.9 163.3 203.3#
56 159.5 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 38.821 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:107 Resp: 428019
Ion Ratio Lower Upper
107 100
144 25.8 20.5 30.7
142 79.8 62.0 93.0

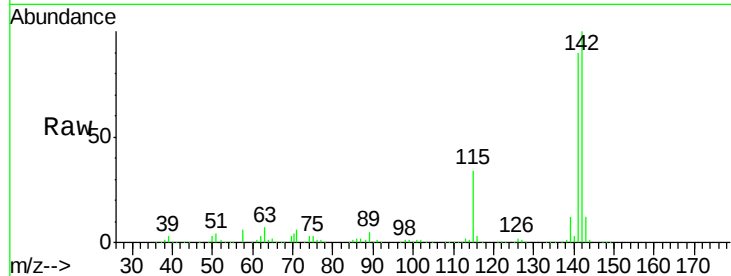




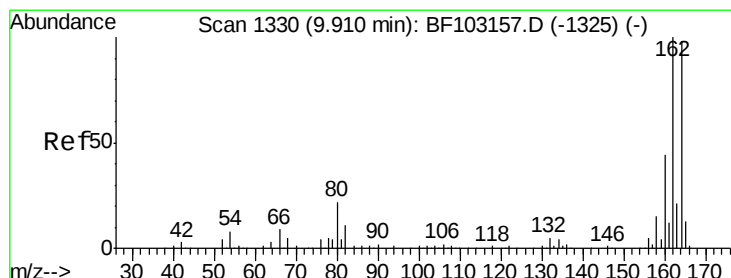
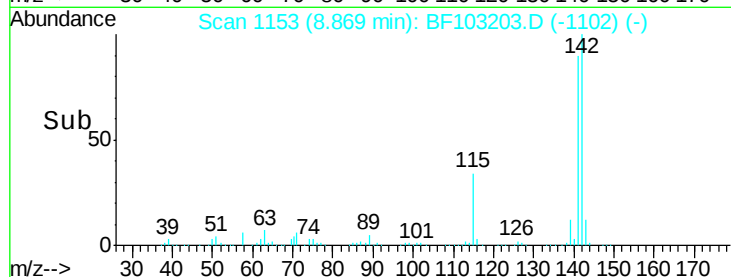
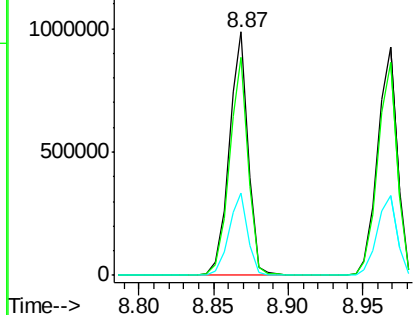
#37
2-Methylnaphthalene
Concen: 38.050 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 886048
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 33.7 26.1 39.1

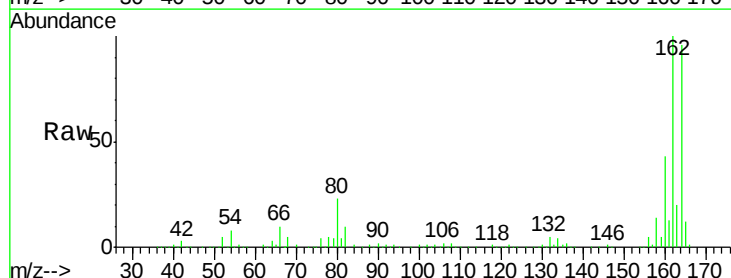


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

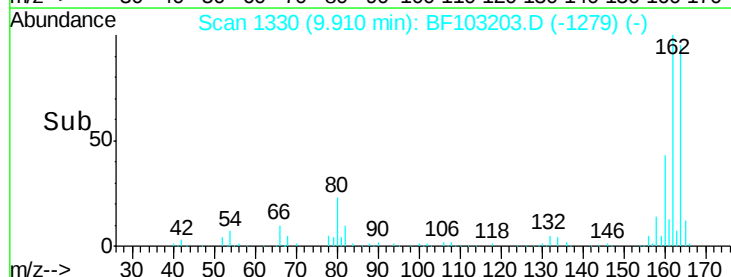
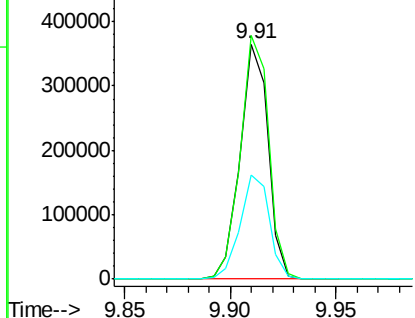


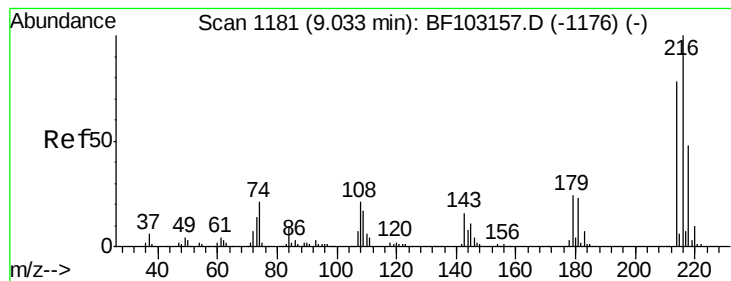
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:164 Resp: 334487
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 44.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.023 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 356836

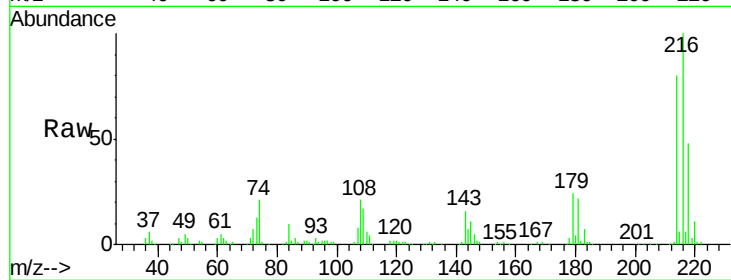
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 23.0 18.1 27.1

108 23.1 17.2 25.8

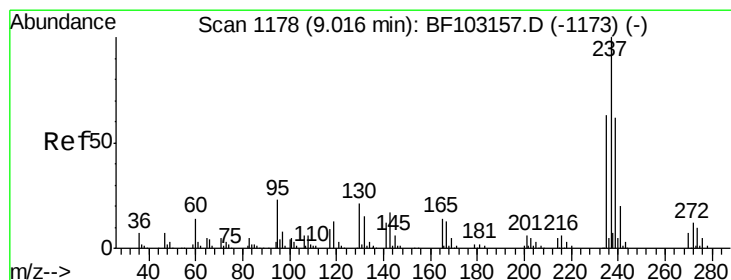
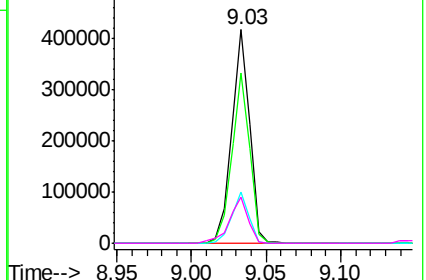
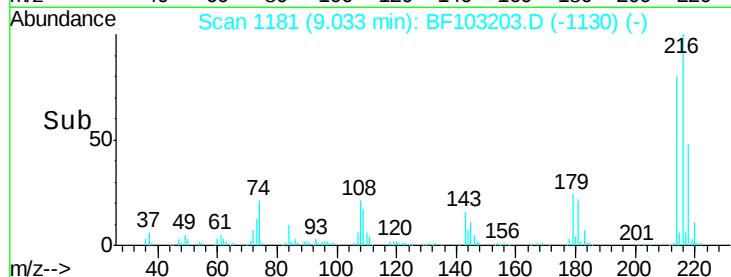


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.667 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

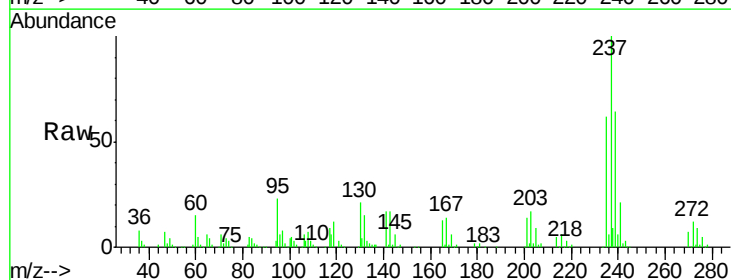
Tgt Ion:237 Resp: 111618

Ion Ratio Lower Upper

237 100

235 61.6 44.8 84.8

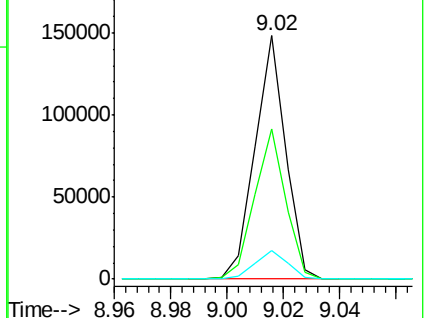
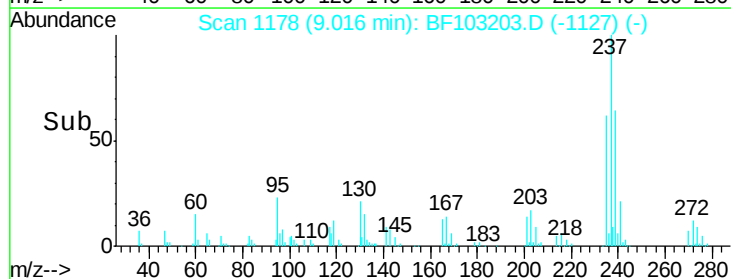
272 11.7 0.0 33.3

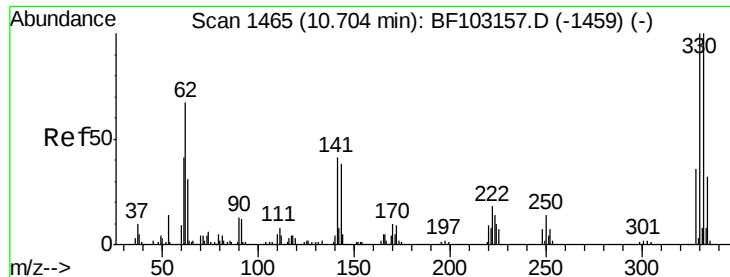


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

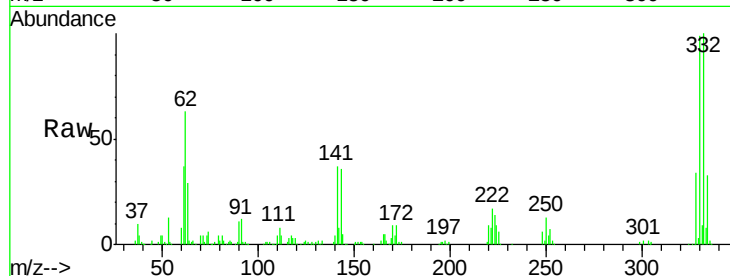




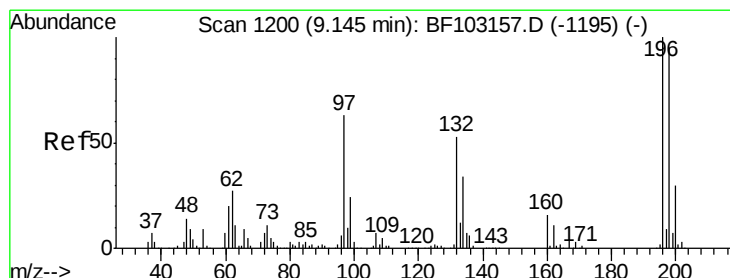
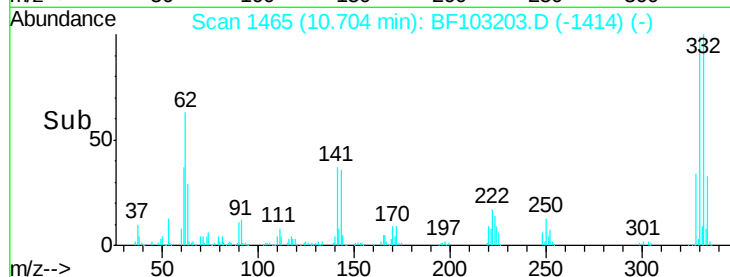
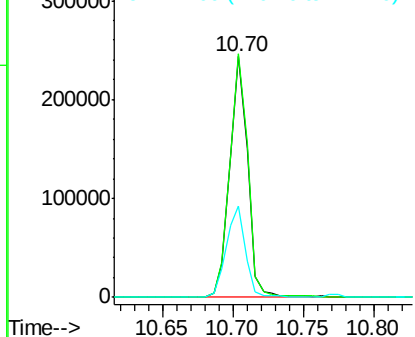
#41
 2,4,6-Tribromophenol
 Concen: 77.013 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 218044
 Ion Ratio Lower Upper
 330 100
 332 102.0 77.0 115.6
 141 40.0 29.9 44.9

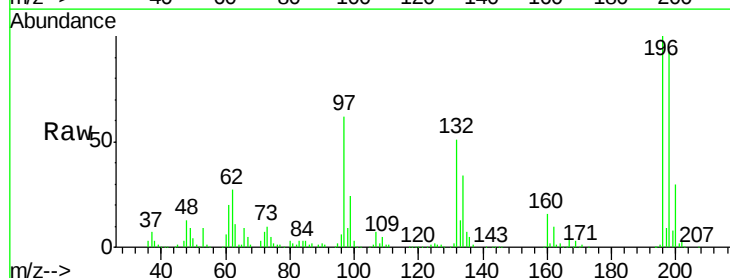


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

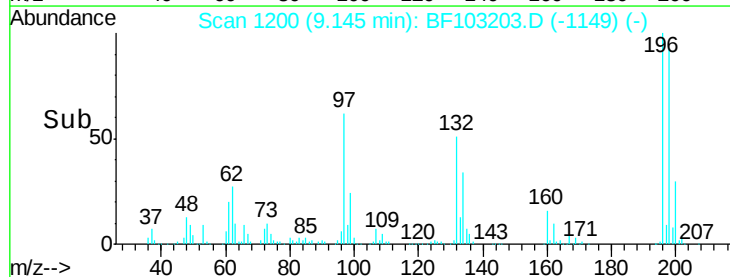
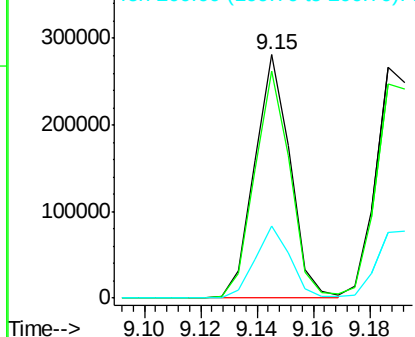


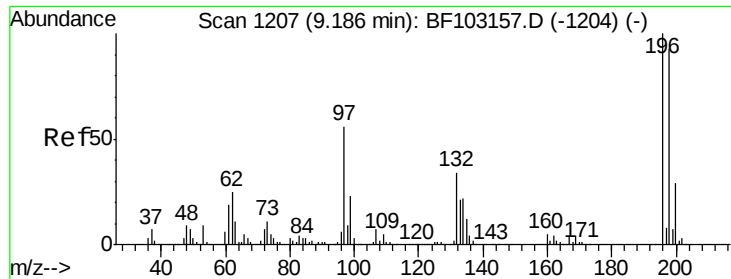
#42
 2,4,6-Trichlorophenol
 Concen: 39.838 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Tgt Ion:196 Resp: 245117
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 200 29.8 24.5 36.7



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

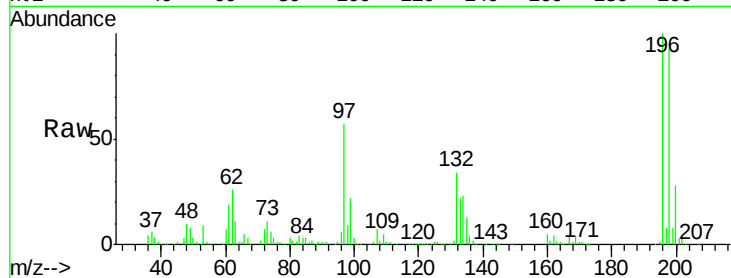




#43
 2,4,5-Trichlorophenol
 Concen: 38.133 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	92.8	74.6	112.0	
97	56.7	42.9	64.3	
132	33.9	26.3	39.5	



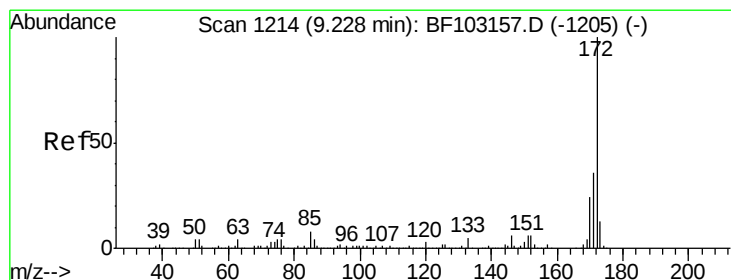
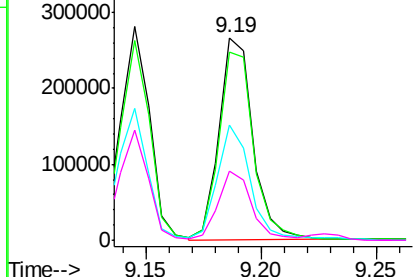
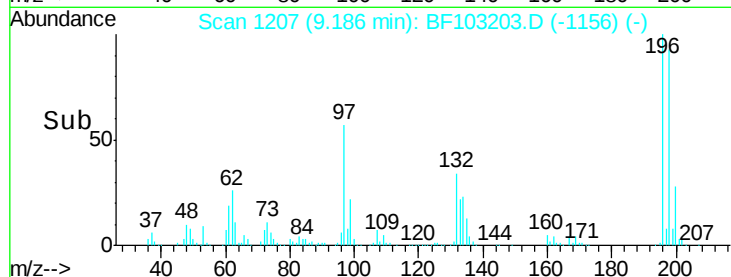
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

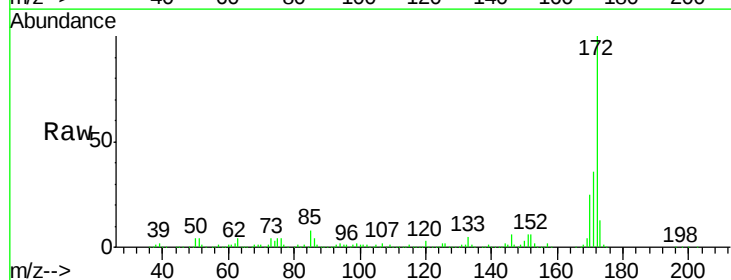
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.883 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.5	19.6	29.4	

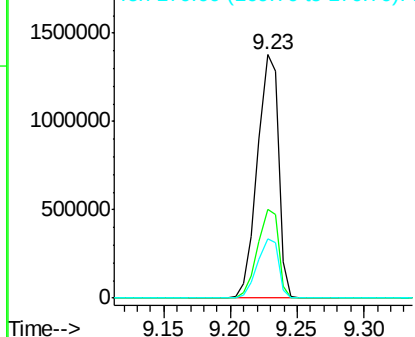
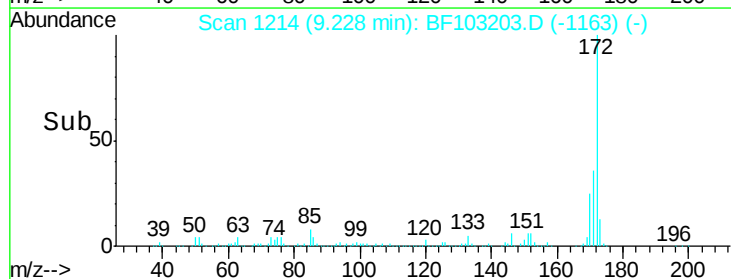


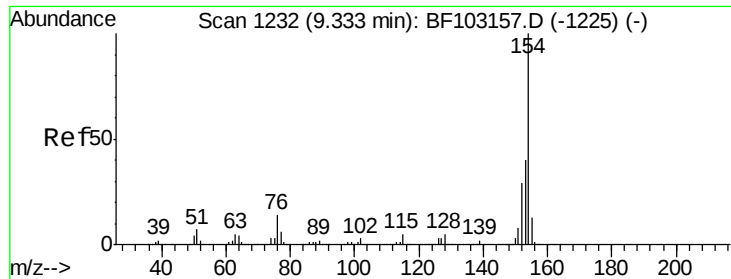
Abundance

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



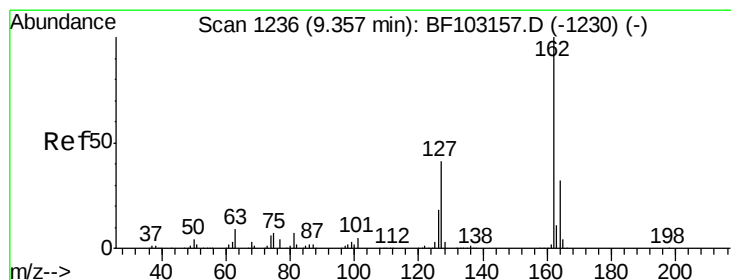
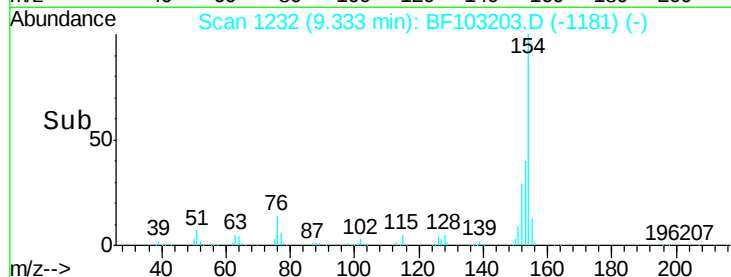
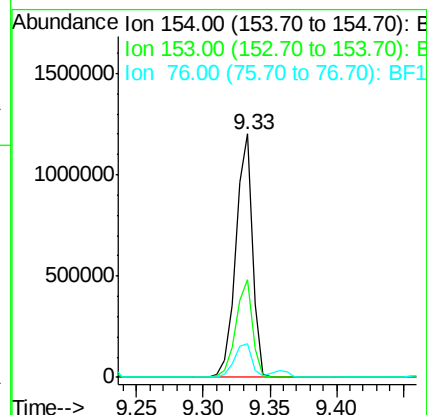
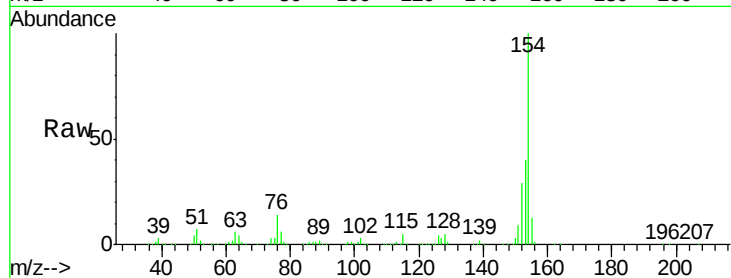


#45
 1,1'-Biphenyl
 Concen: 37.807 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1059668

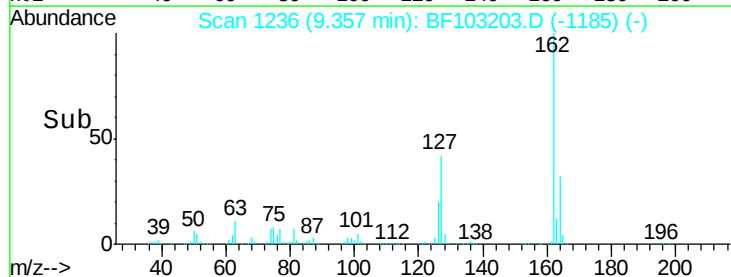
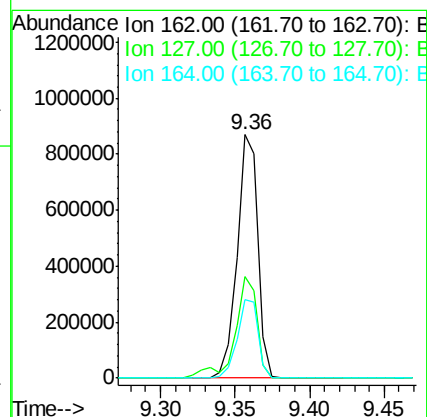
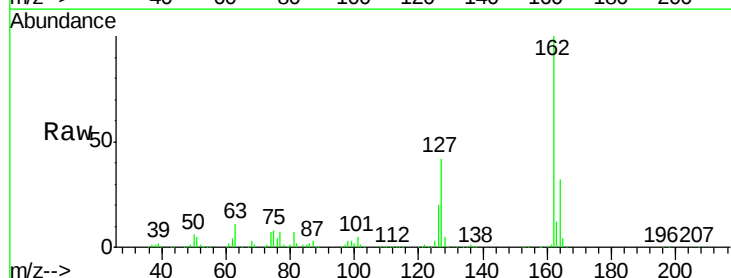
Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	13.7	0.0	34.0

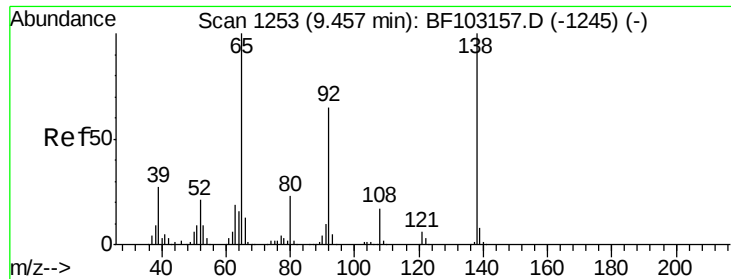


#46
 2-Chloronaphthalene
 Concen: 38.377 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Tgt Ion:162 Resp: 850974

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

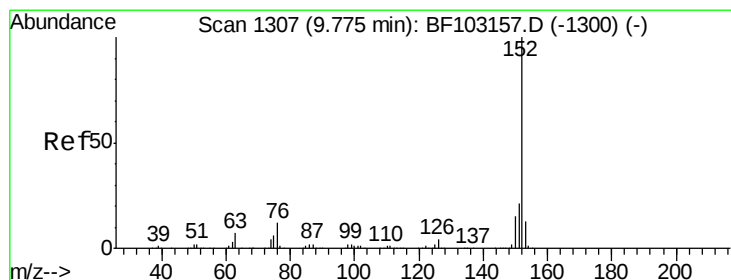
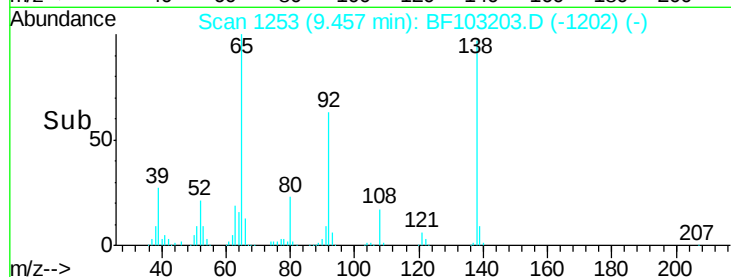
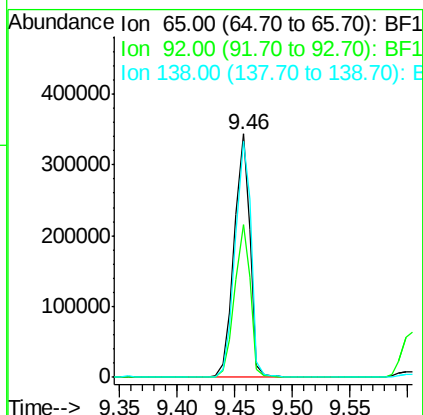
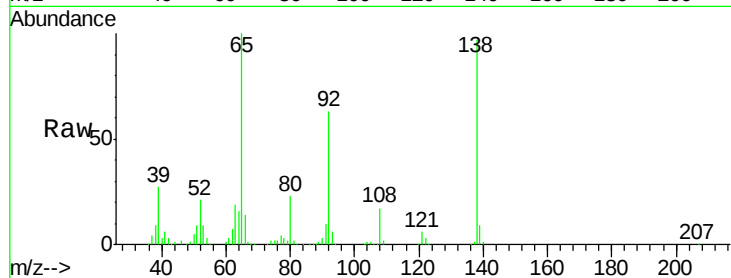




#47
2-Nitroaniline
Concen: 39.738 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

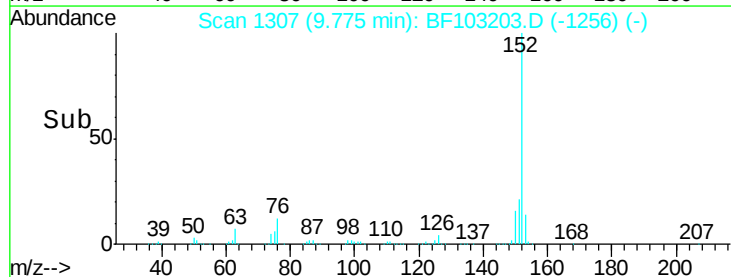
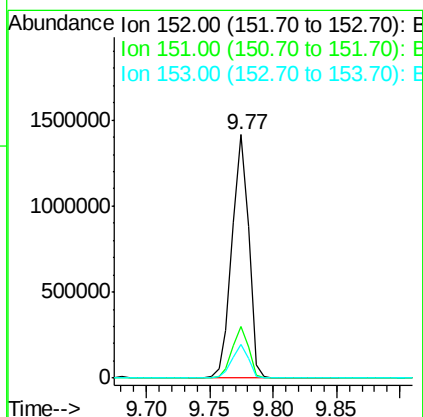
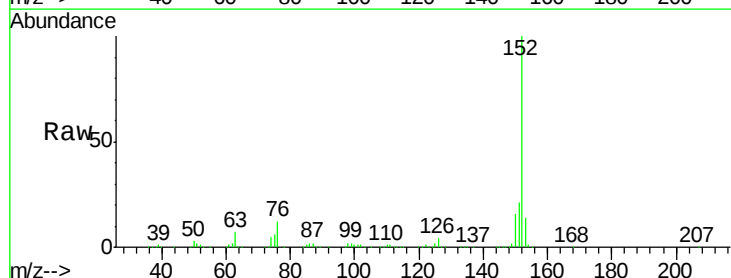
Instrument :
BNA_F
ClientSampled :

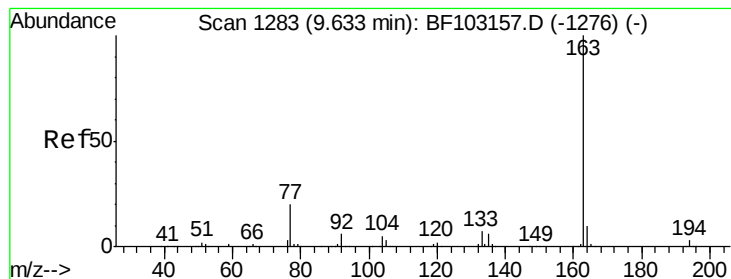
Tot Ion: 65 Resp: 326394
Ion Ratio Lower Upper
65 100
92 62.7 55.8 83.6
138 96.9 91.2 136.8



#48
Acenaphthylene
Concen: 37.525 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion: 152 Resp: 1280247
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 38.160 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampleId :

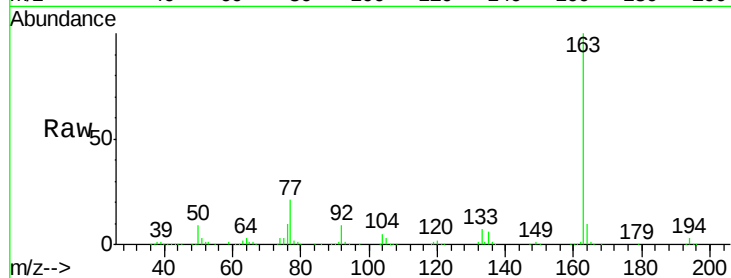
Tot Ion:163 Resp: 1023963

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

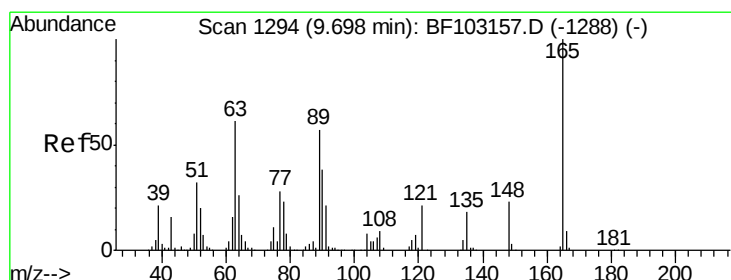
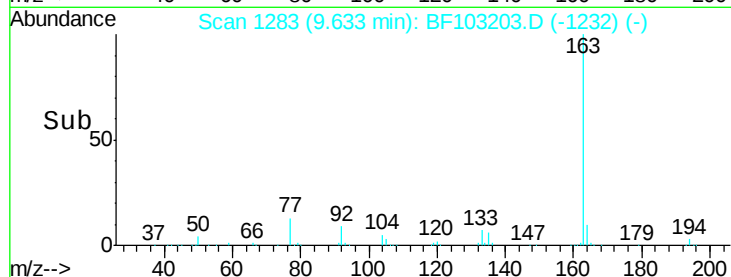
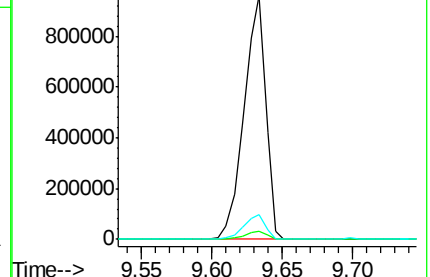
164 10.3 8.2 12.2



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: 39.091 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

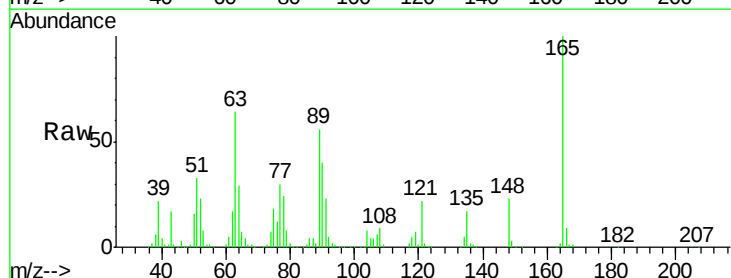
Tgt Ion:165 Resp: 220124

Ion Ratio Lower Upper

165 100

63 64.4 44.7 67.1

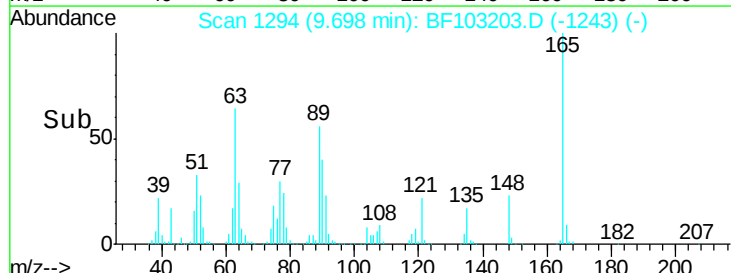
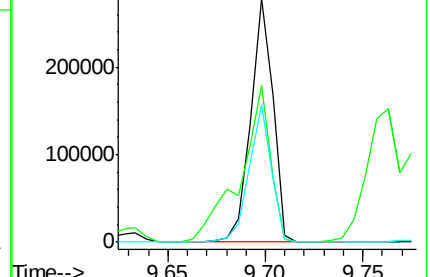
89 56.5 44.0 66.0

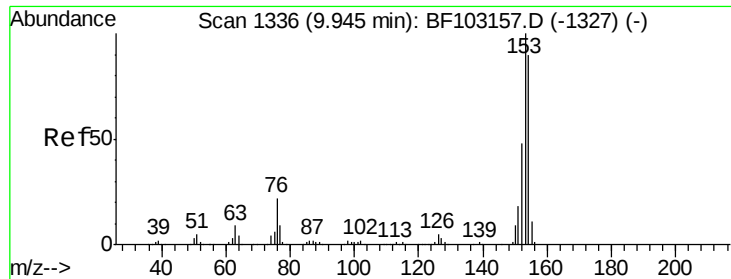


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.676 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampled :

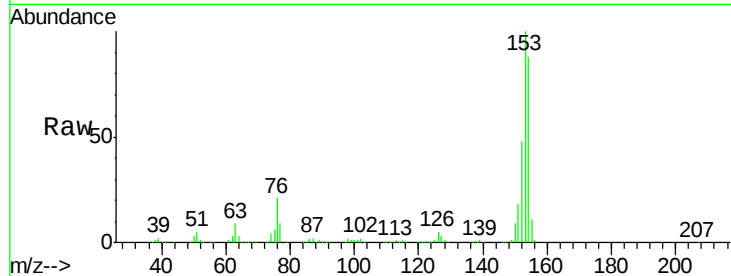
Tot Ion:154 Resp: 749532

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

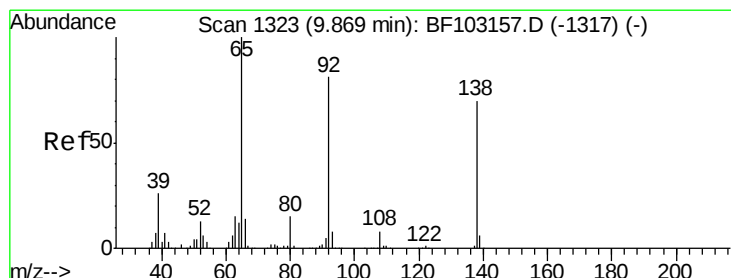
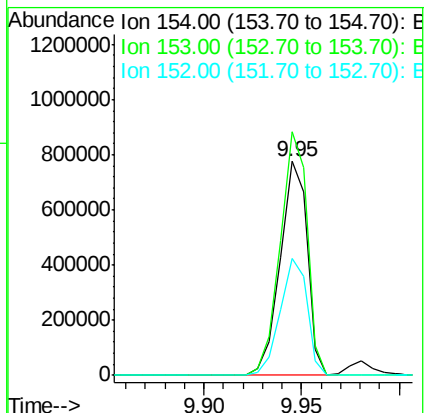
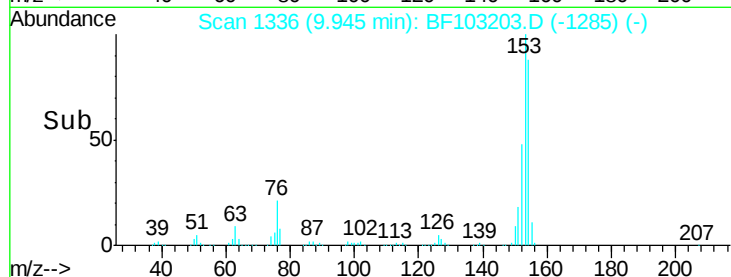
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.705 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

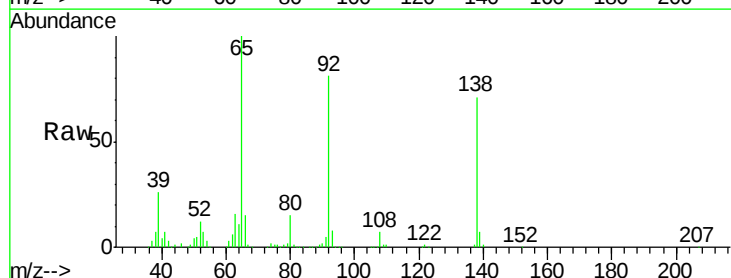
Tgt Ion:138 Resp: 276516

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

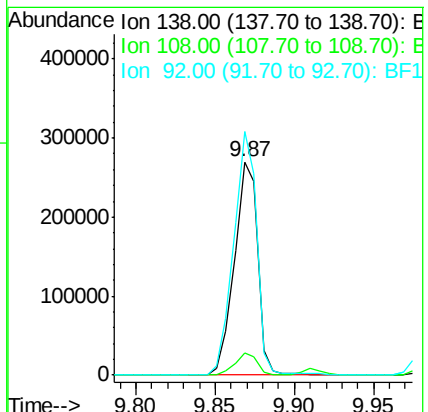
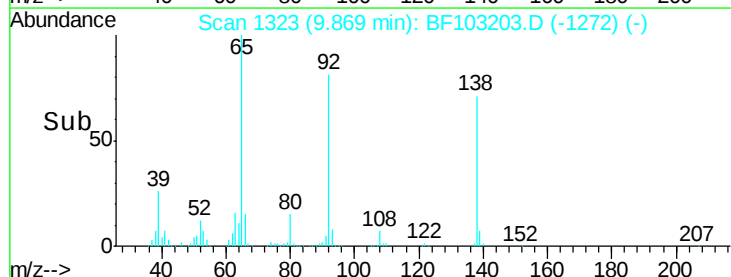
92 114.2 89.4 134.2

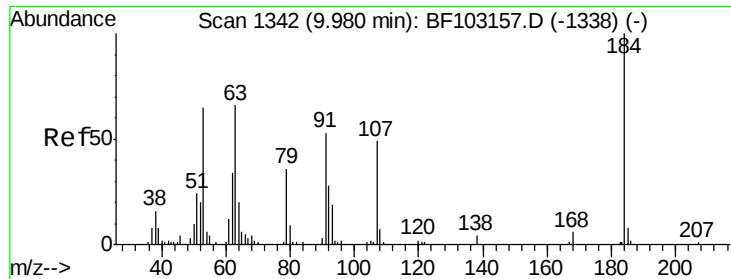


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

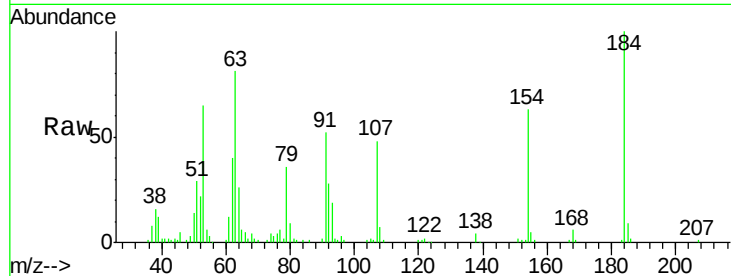




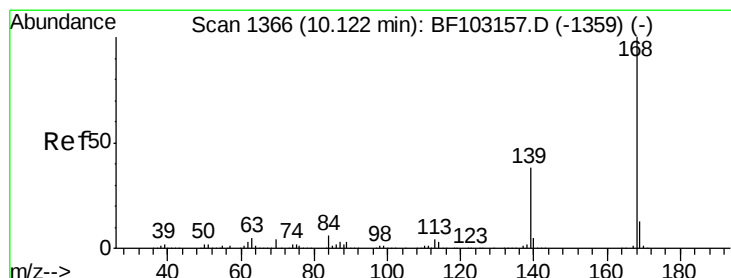
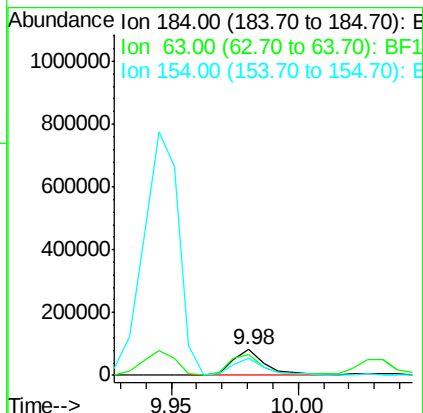
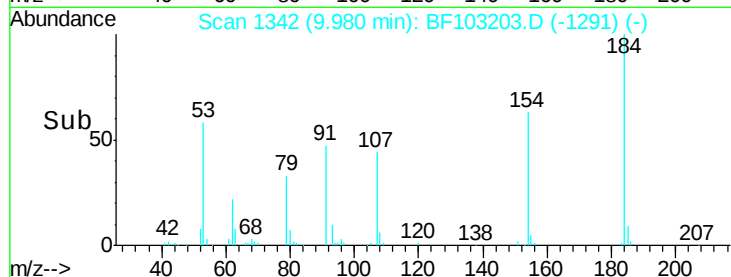
#53
2,4-Dinitrophenol
Concen: 41.932 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 74704
Ion Ratio Lower Upper
184 100
63 80.6 54.2 81.2
154 63.5 184.0 276.0#

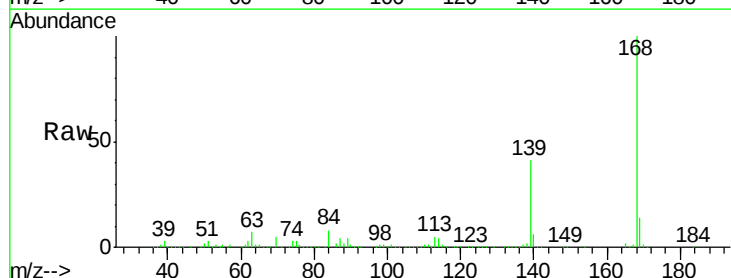


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

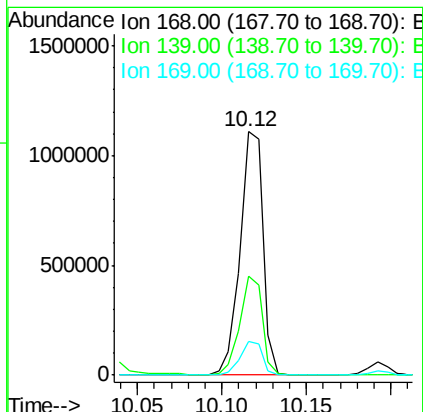
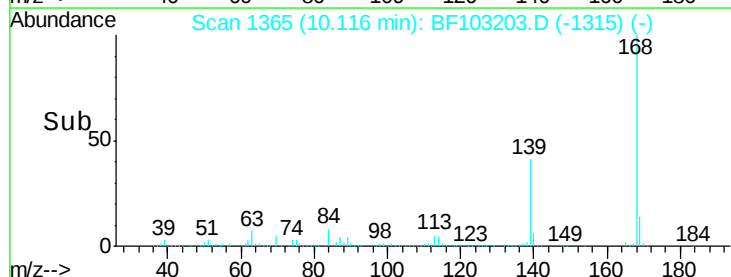


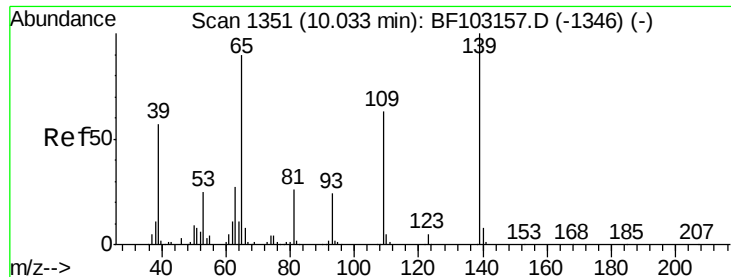
#54
Dibenzofuran
Concen: 38.476 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:168 Resp: 1050772
Ion Ratio Lower Upper
168 100
139 40.7 30.1 45.1
169 13.9 10.9 16.3



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

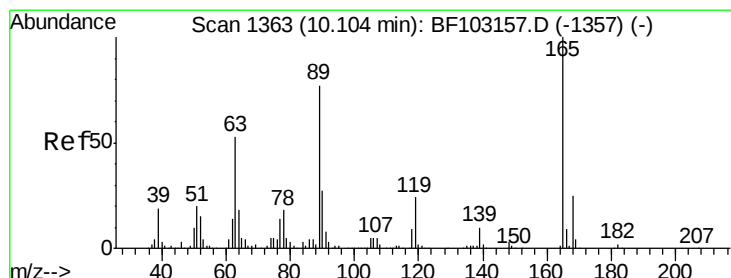
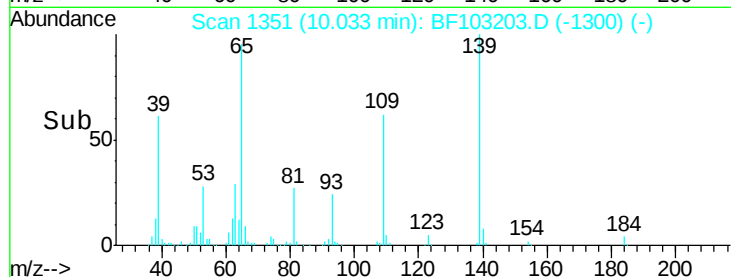
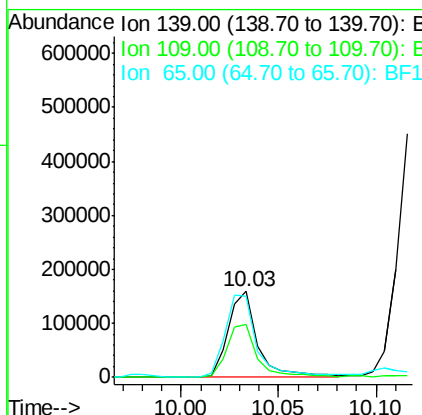
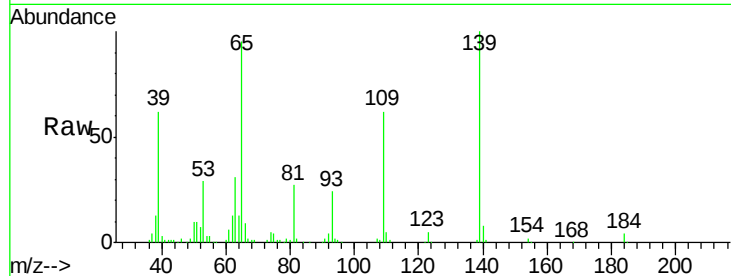




#55
4-Nitrophenol
Concen: 37.622 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

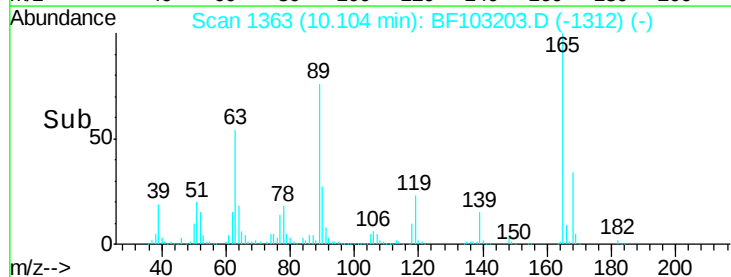
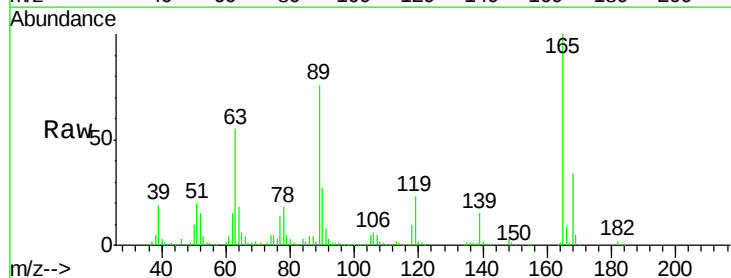
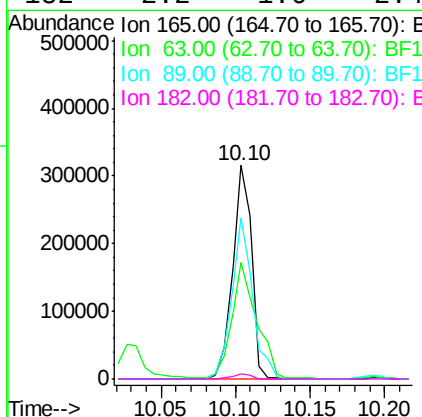
Instrument :
BNA_F
ClientSampleId :

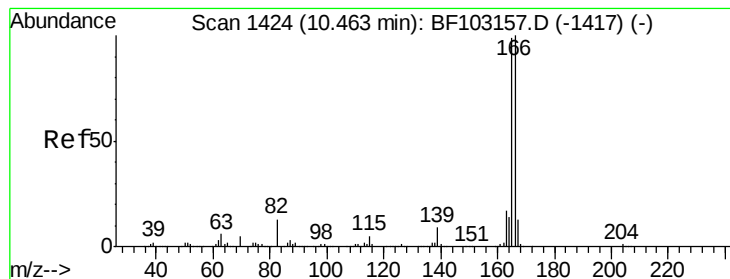
Tot Ion:139 Resp: 166581
Ion Ratio Lower Upper
139 100
109 61.6 48.4 88.4
65 95.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.915 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:165 Resp: 284266
Ion Ratio Lower Upper
165 100
63 54.7 36.4 54.6#
89 75.8 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 35.449 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampleId :

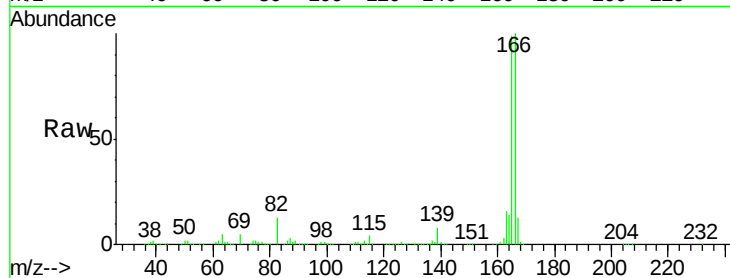
Tot Ion:166 Resp: 824693

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

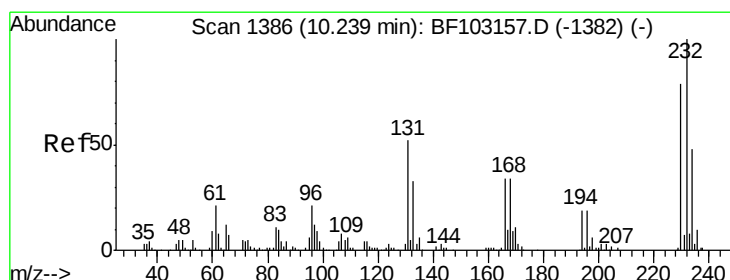
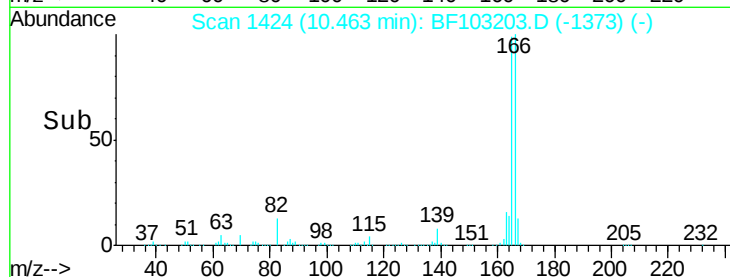
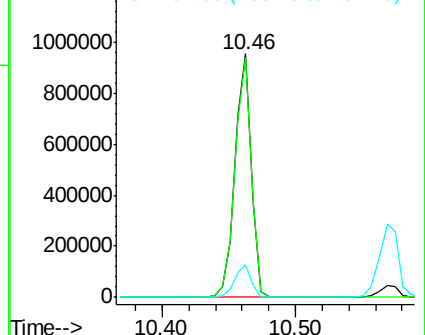
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.766 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Tgt Ion:232 Resp: 179536

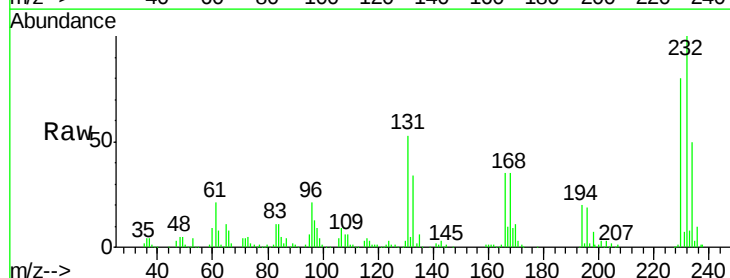
Ion Ratio Lower Upper

232 100

131 59.5 43.8 65.8

130 2.8 2.1 3.1

166 36.9 27.8 41.6

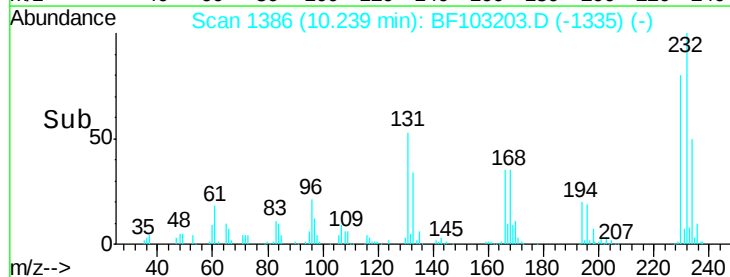
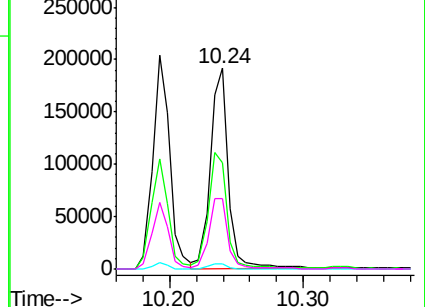


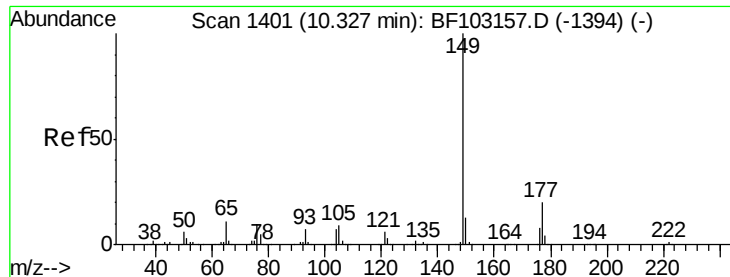
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

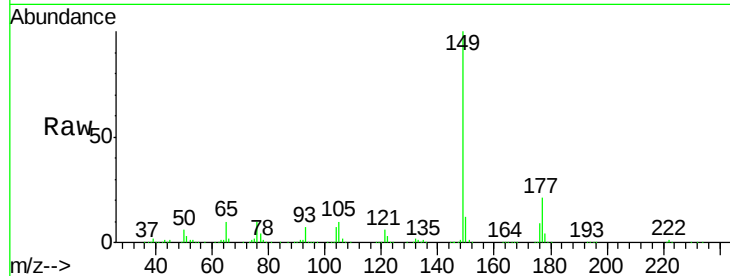




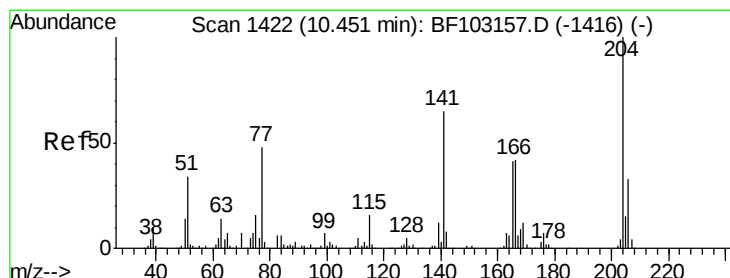
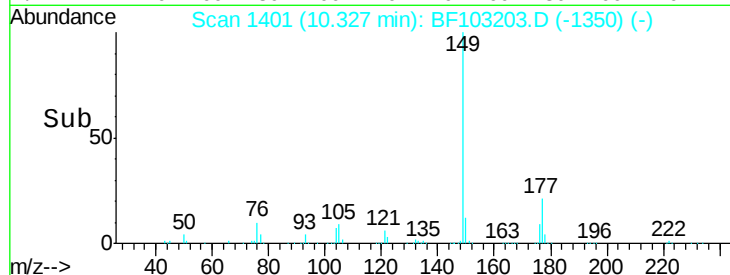
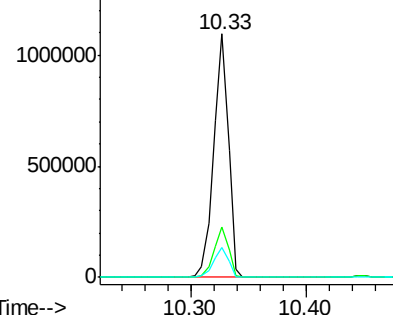
#59
Diethylphthalate
Concen: 37.409 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 960061
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.4 10.1 15.1

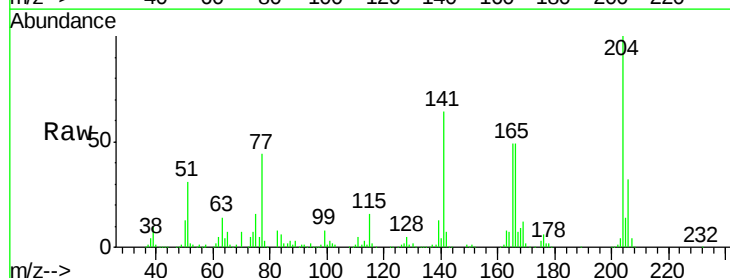


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

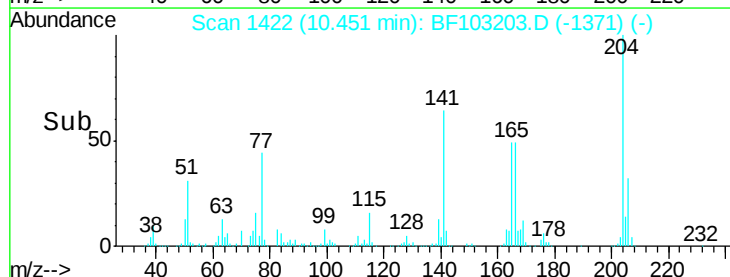
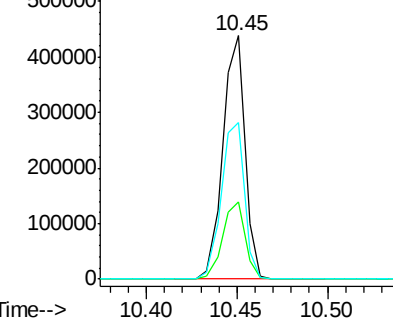


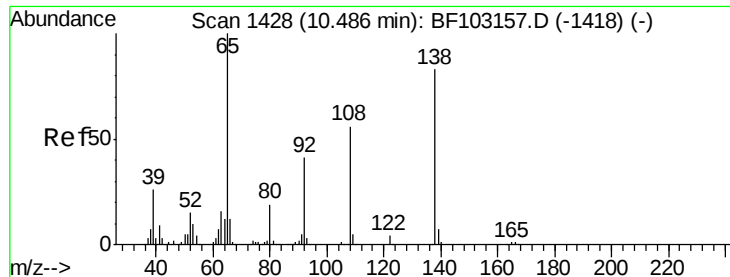
#60
4-Chlorophenyl-phenylether
Concen: 37.723 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:204 Resp: 372153
Ion Ratio Lower Upper
204 100
206 31.5 26.5 39.7
141 64.3 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

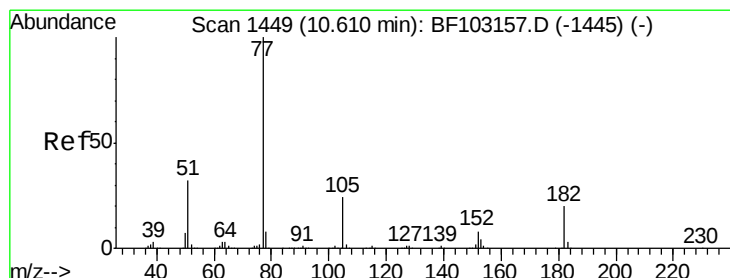
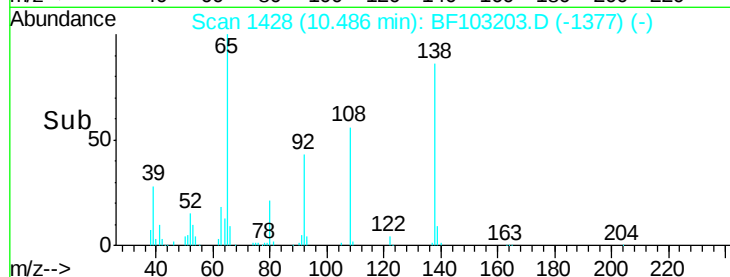
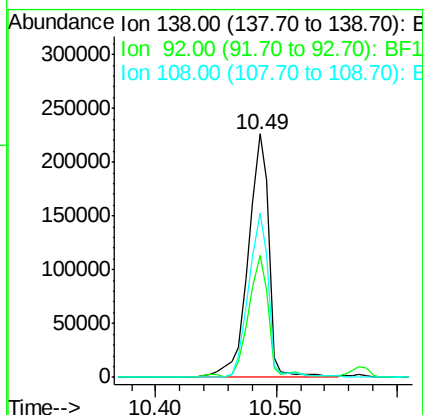
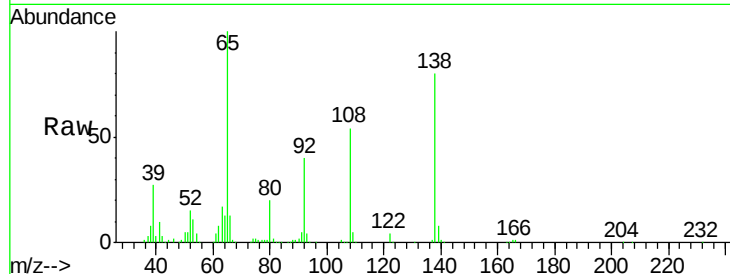




#61
4-Nitroaniline
Concen: 37.964 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

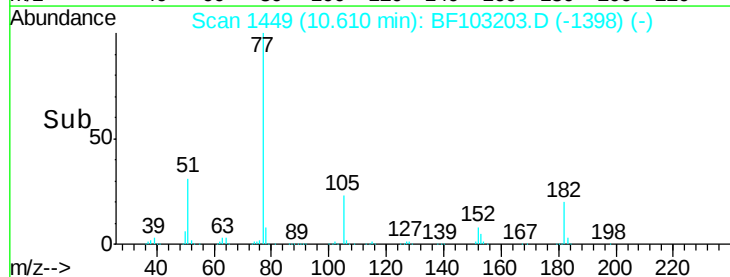
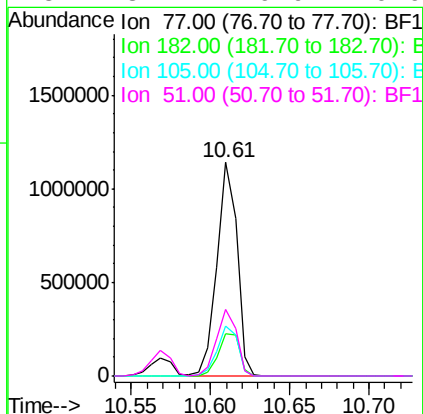
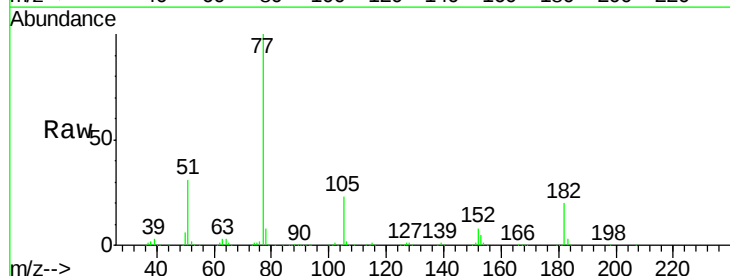
Instrument :
BNA_F
ClientSampled :

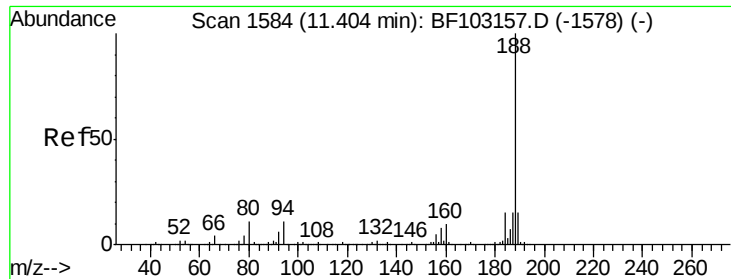
Tot Ion:138 Resp: 270902
Ion Ratio Lower Upper
138 100
92 50.2 30.2 70.2
108 67.4 52.5 92.5



#62
Azobenzene
Concen: 38.553 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion: 77 Resp: 1007103
Ion Ratio Lower Upper
77 100
182 20.0 1.7 41.7
105 23.4 3.0 43.0
51 31.2 9.9 49.9

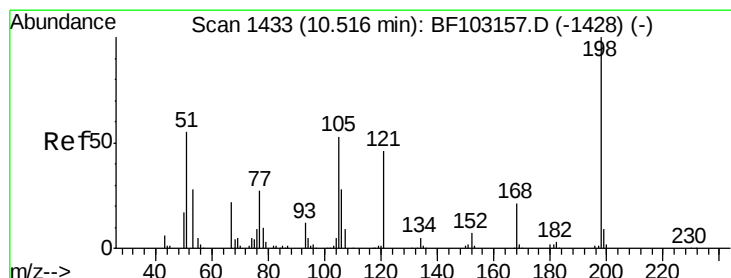
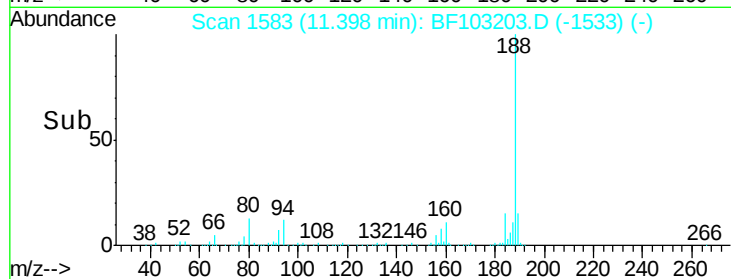
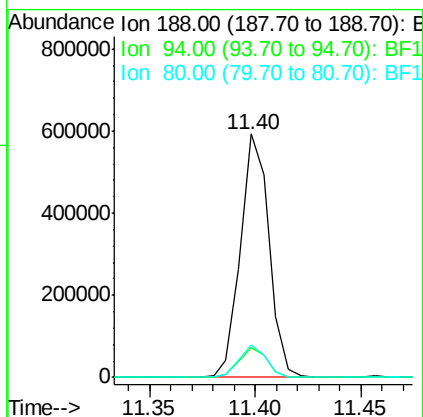
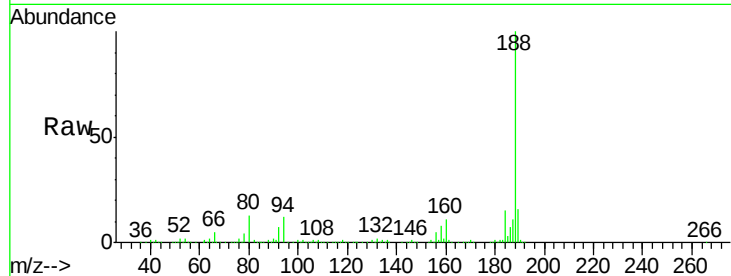




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

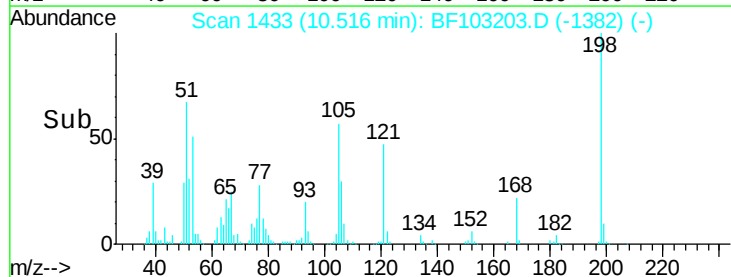
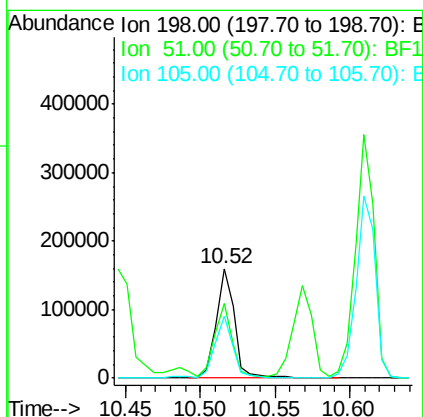
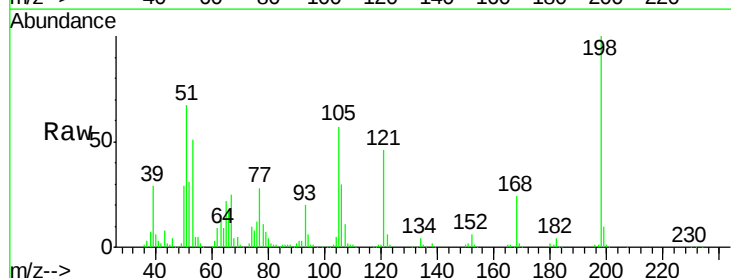
Instrument :
BNA_F
ClientSampleId :

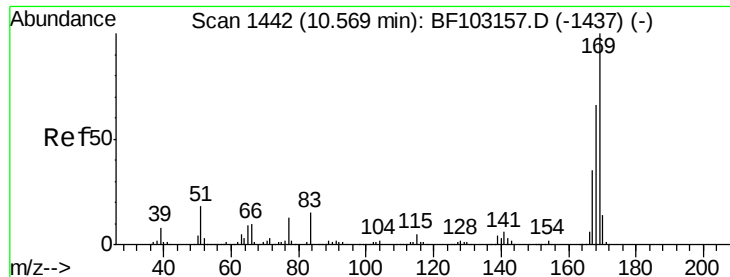
Tot Ion:188 Resp: 553552
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 13.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 41.239 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:198 Resp: 136281
Ion Ratio Lower Upper
198 100
51 67.5 37.7 77.7
105 56.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.359 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampled :

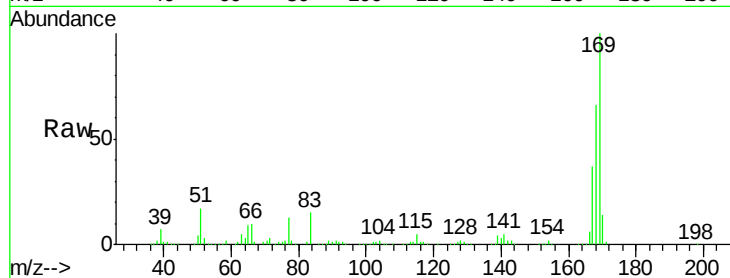
Tot Ion:169 Resp: 758592

Ion Ratio Lower Upper

169 100

168 65.8 54.4 81.6

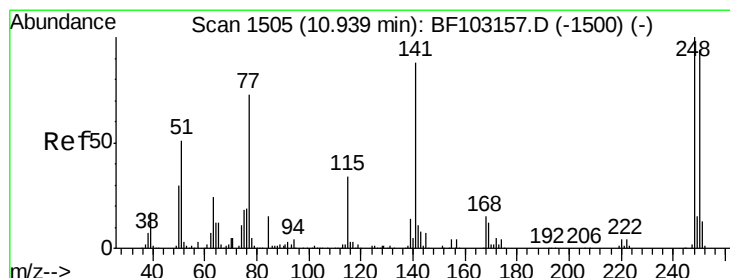
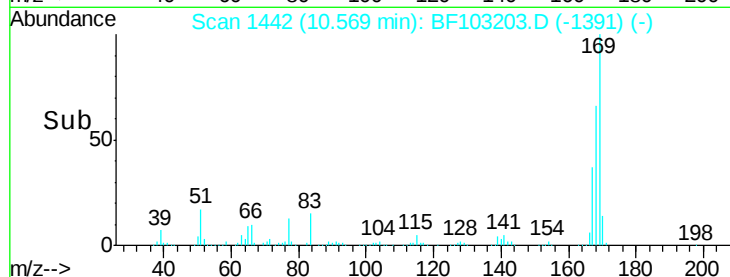
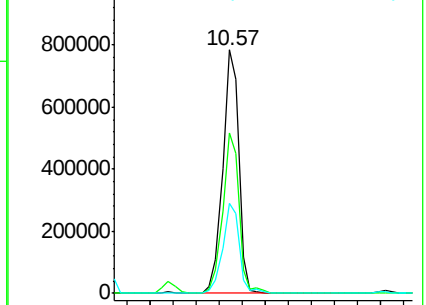
167 36.9 29.8 44.6



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: 39.608 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

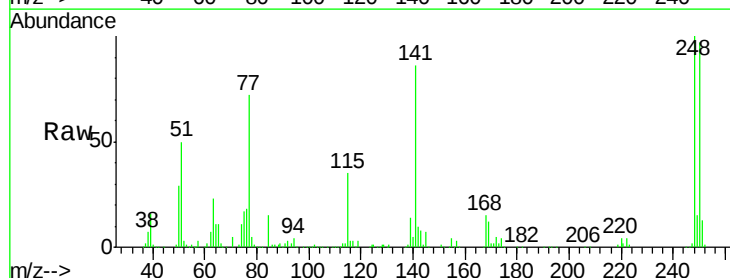
Tgt Ion:248 Resp: 228393

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

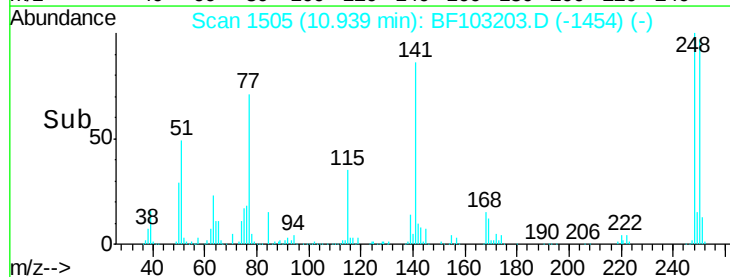
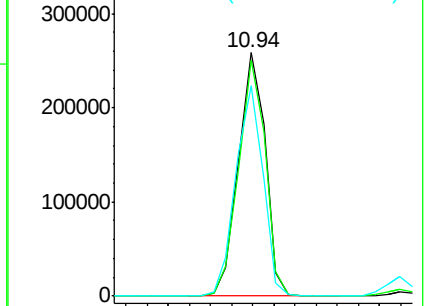
141 86.5 74.4 111.6

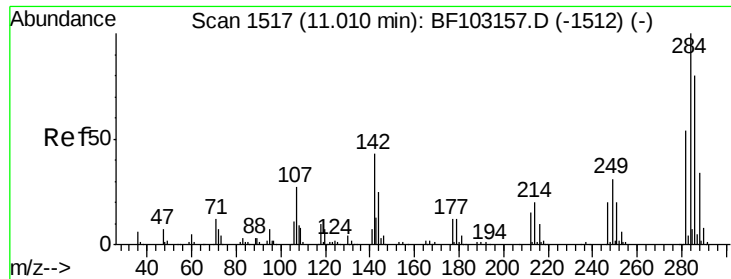


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

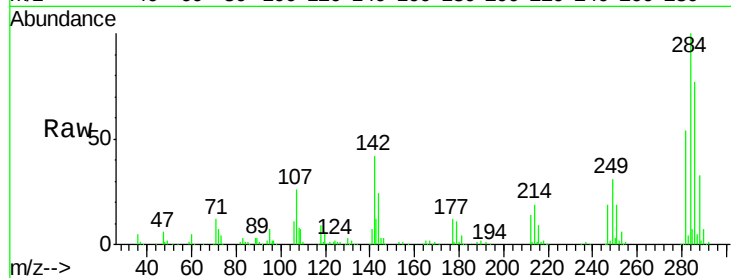




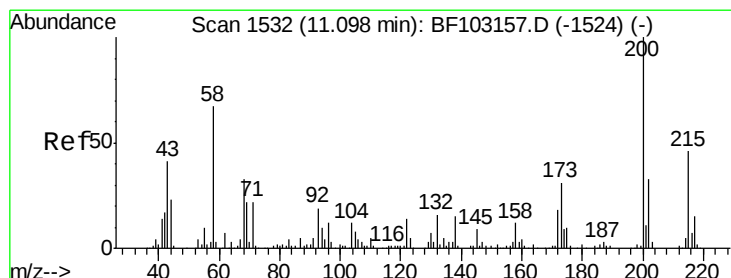
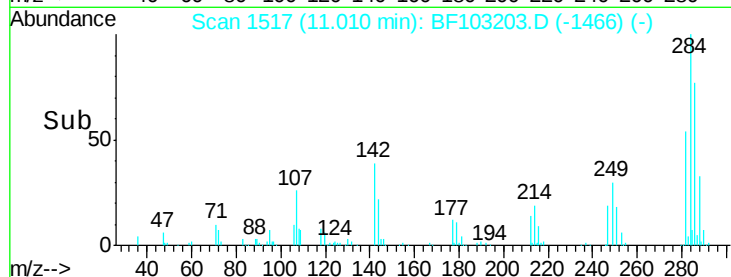
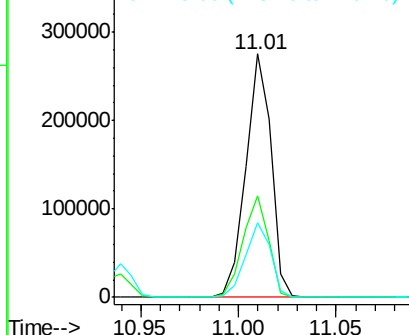
#67
Hexachlorobenzene
Concen: 39.373 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 246426
Ion Ratio Lower Upper
284 100
142 41.9 34.6 52.0
249 30.7 24.8 37.2

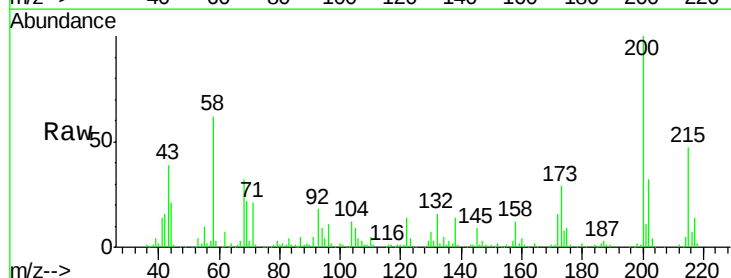


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

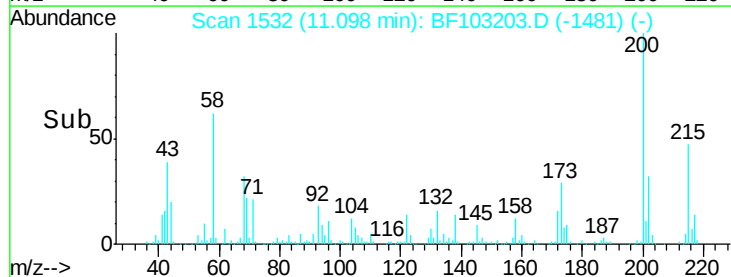
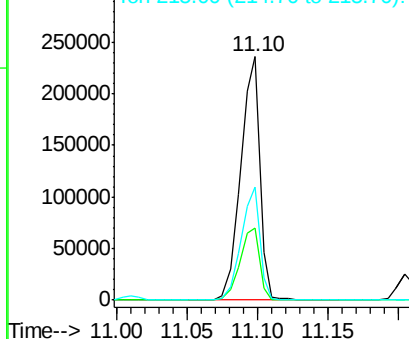


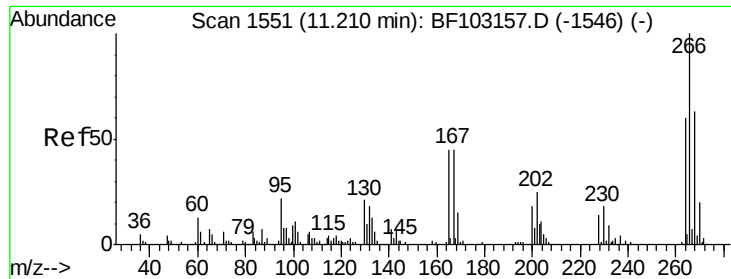
#68
Atrazine
Concen: 38.408 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:200 Resp: 222503
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 46.6 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

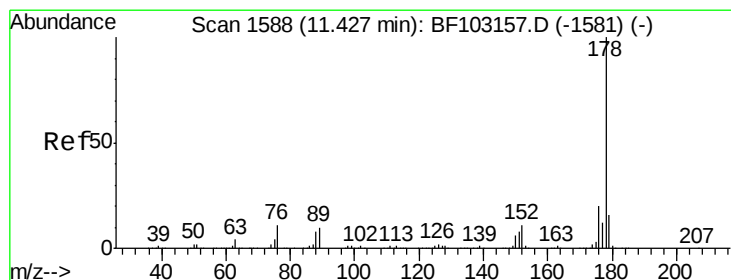
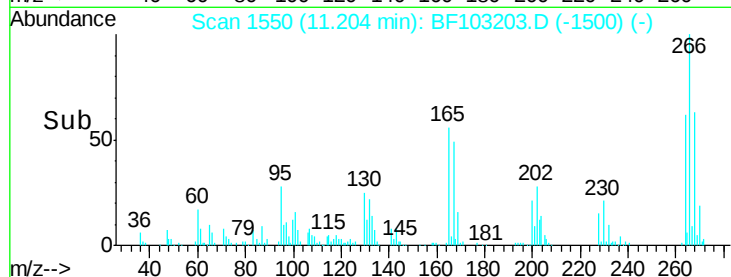
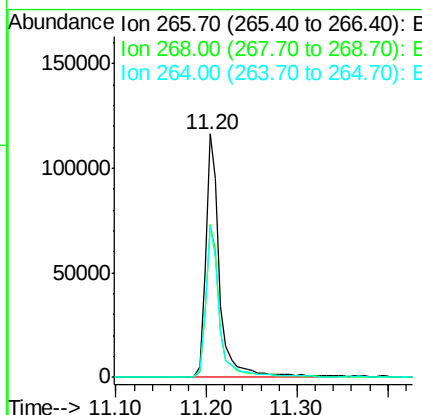
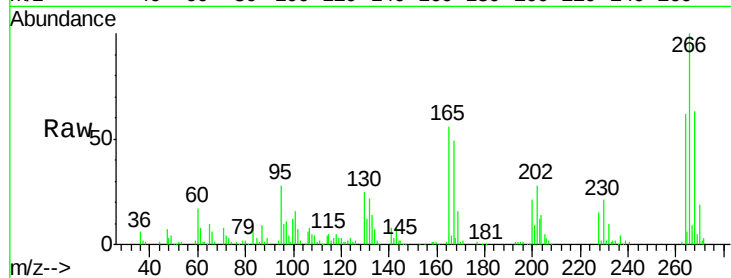




#69
 Pentachlorophenol
 Concen: 41.942 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

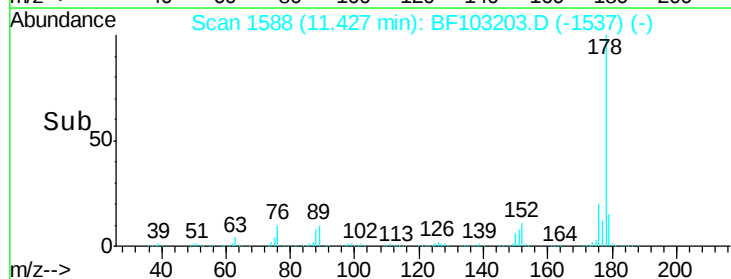
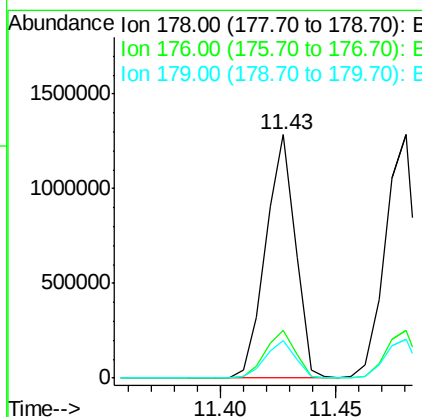
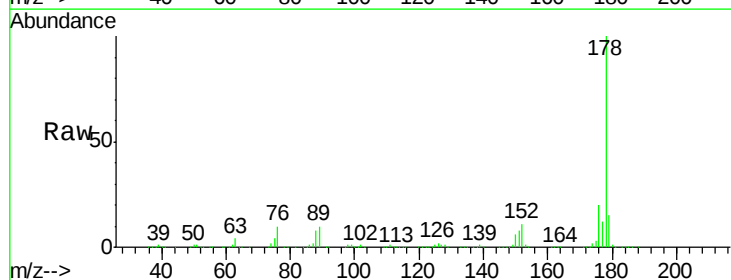
Instrument :
 BNA_F
 ClientSampled :

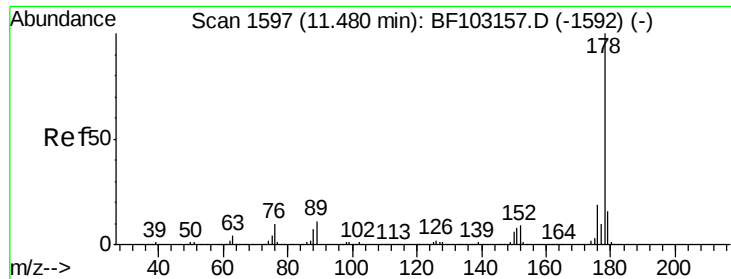
Tot Ion:266 Resp: 126927
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 62.0 49.5 74.3



#70
 Phenanthrene
 Concen: 37.671 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Tgt Ion:178 Resp: 1147595
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.4 13.0 19.6

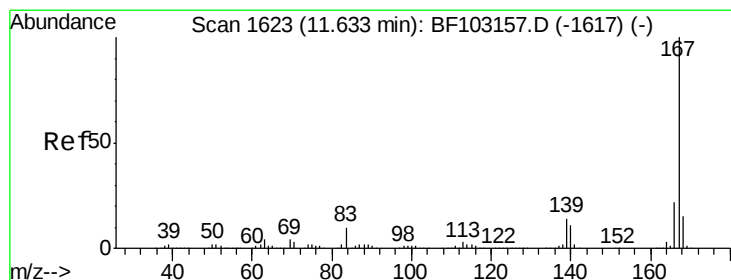
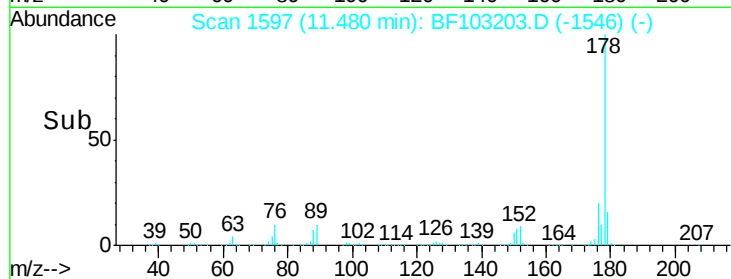
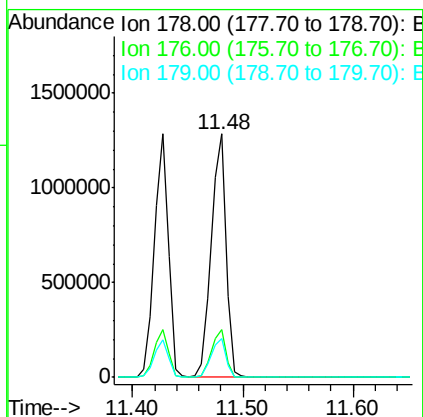
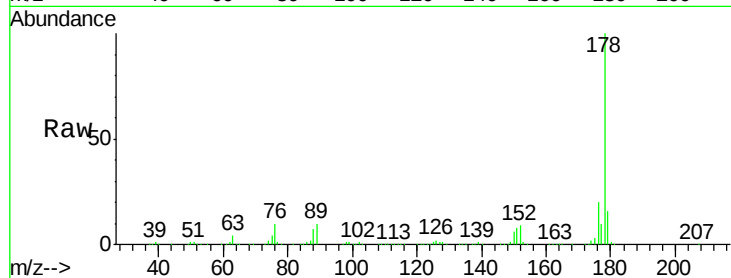




#71
 Anthracene
 Concen: 37.465 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

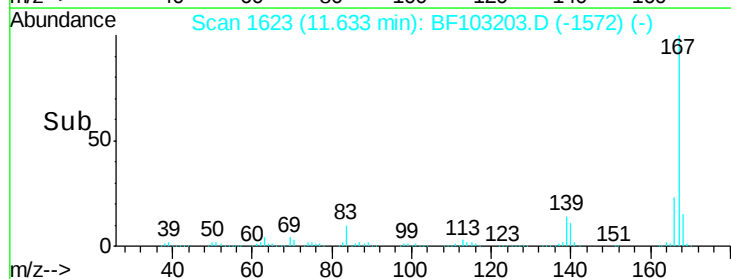
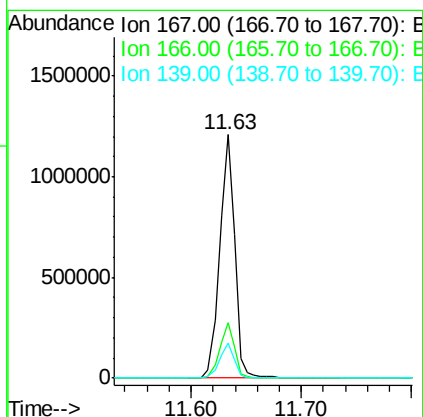
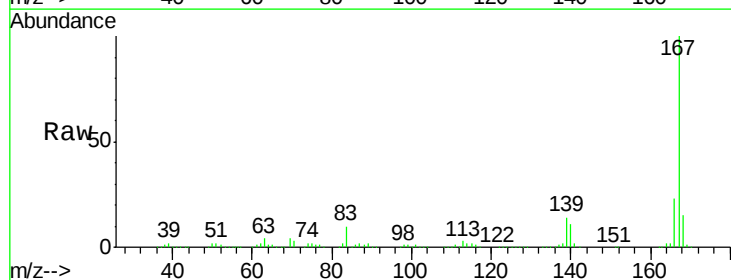
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1170344
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 36.853 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Tgt Ion:167 Resp: 1146433
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.354 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampled :

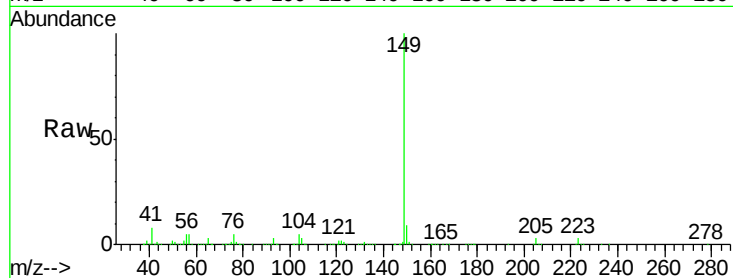
Tot Ion:149 Resp: 1492951

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

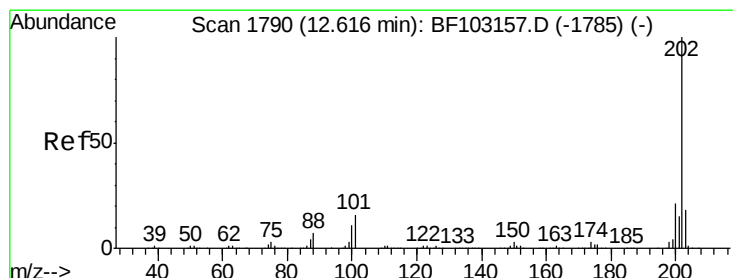
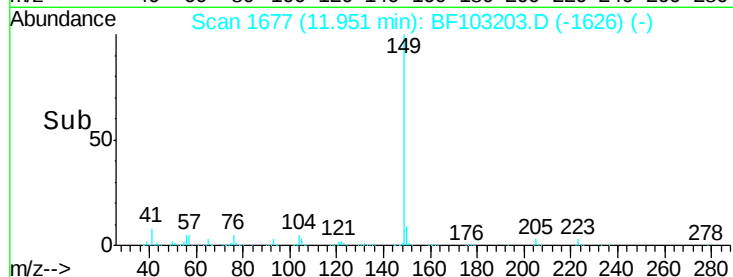
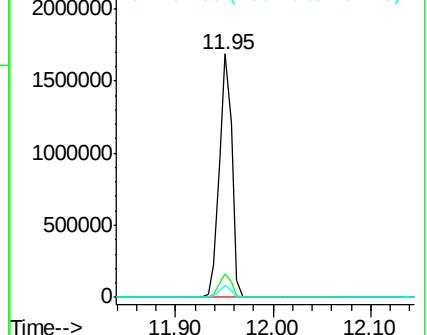
104 4.9 3.8 5.8



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: 37.515 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

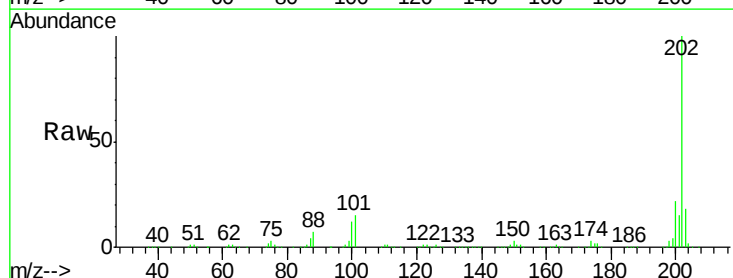
Tgt Ion:202 Resp: 1148435

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.1

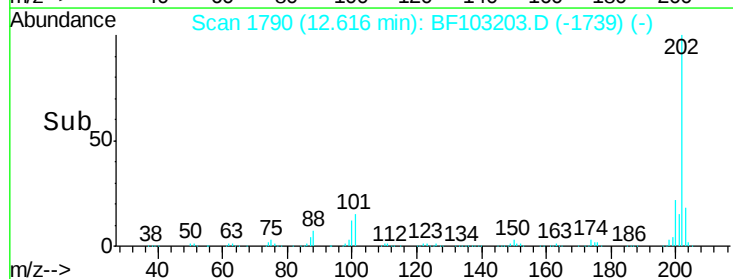
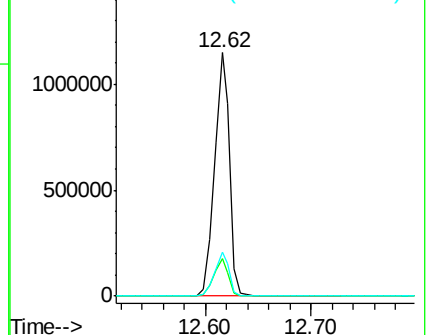
203 17.9 0.0 38.1

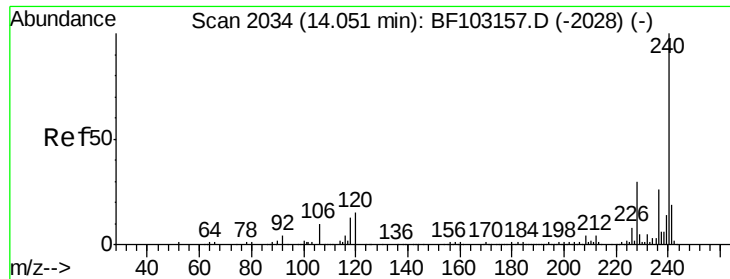


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

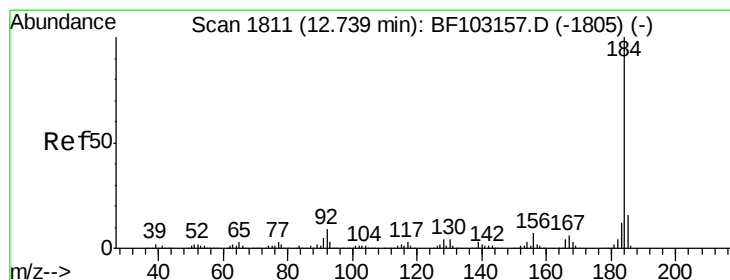
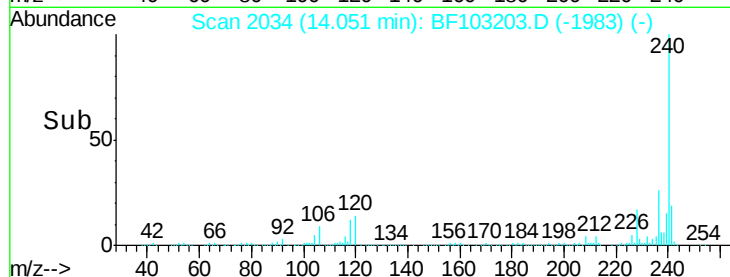
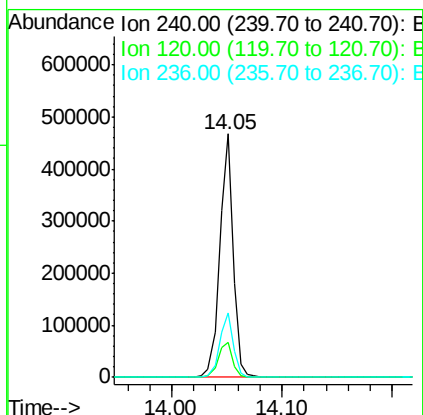
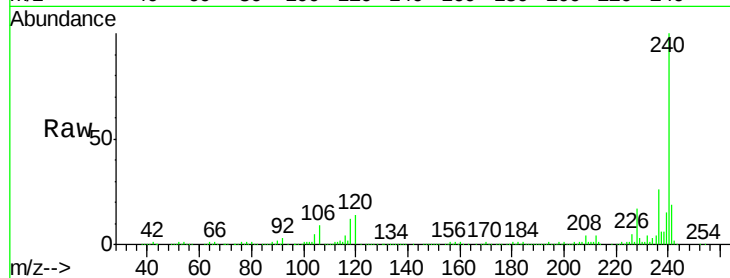




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

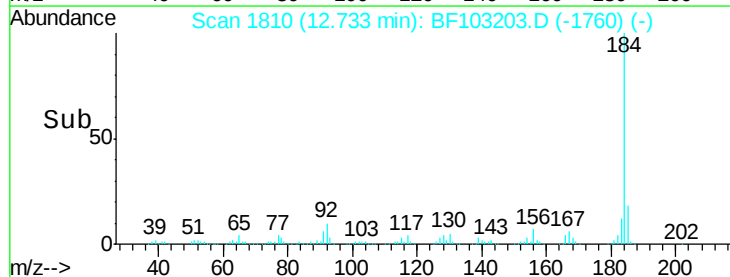
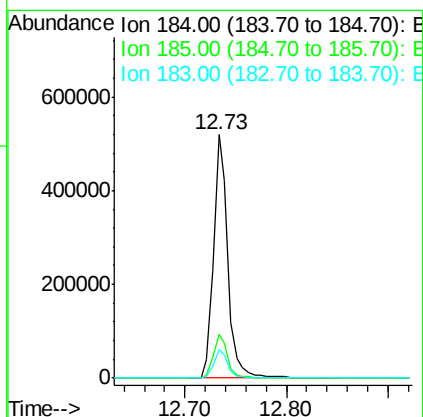
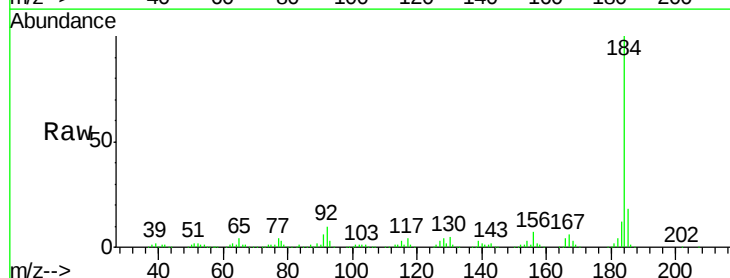
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 393714
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.5 14.3#
 236 26.2 20.7 31.1



#76
 Benzidine
 Concen: 34.716 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Tgt Ion:184 Resp: 510983
 Ion Ratio Lower Upper
 184 100
 185 18.3 12.6 18.8
 183 11.6 9.3 13.9

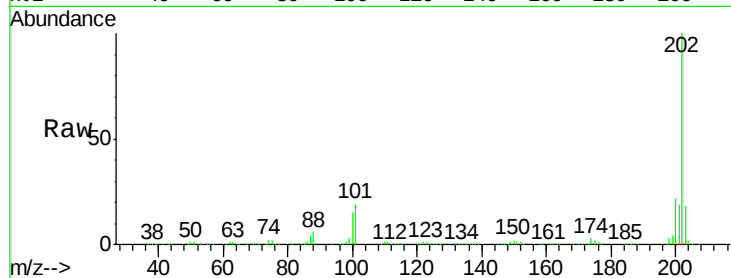




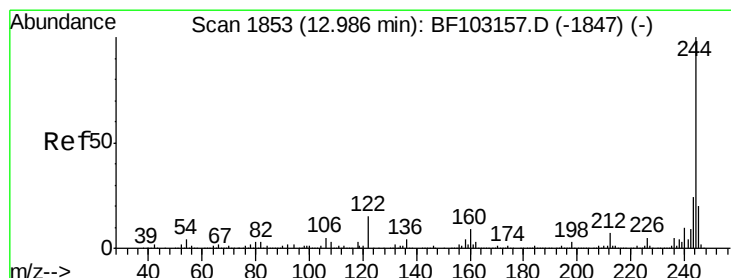
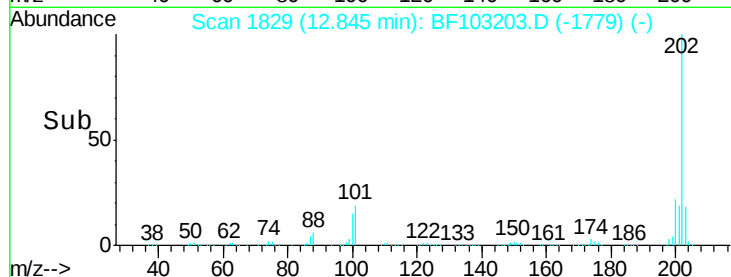
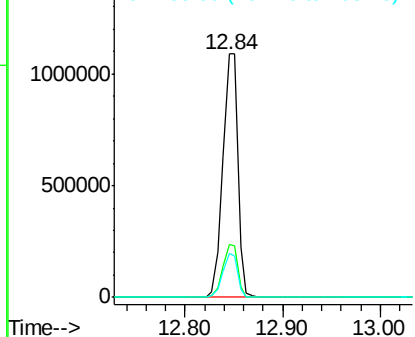
#77
Pvrene
Concen: 38.089 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1169192
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.1 14.3 21.5

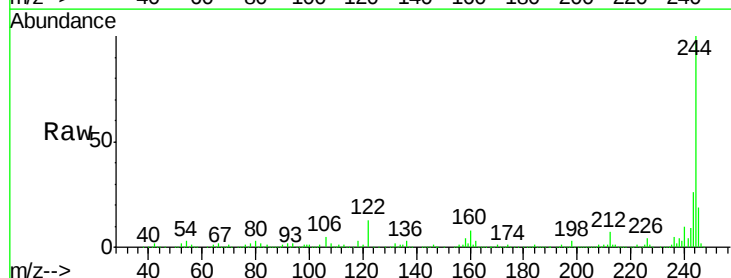


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

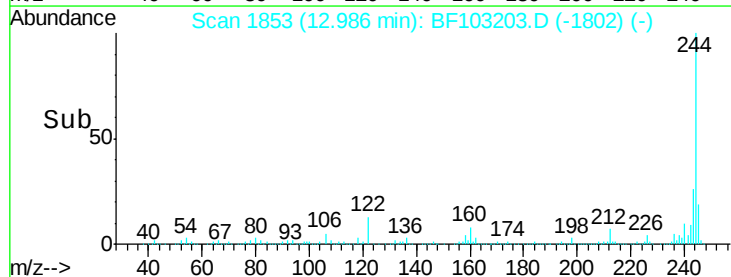
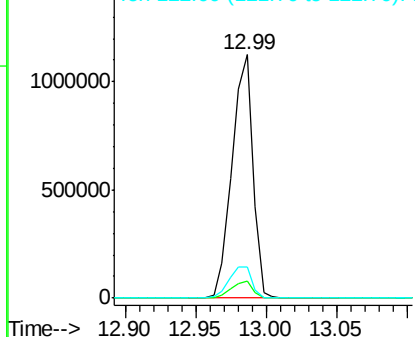


#78
Terphenyl-d14
Concen: 70.911 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:244 Resp: 1161410
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.9 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

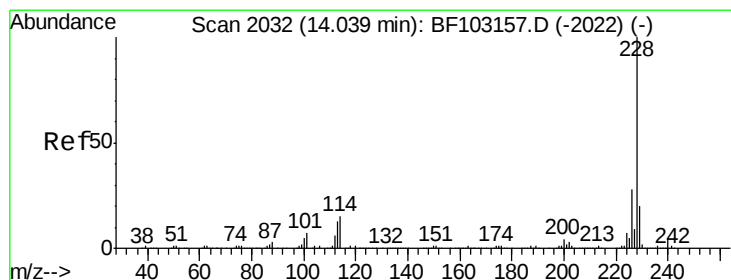
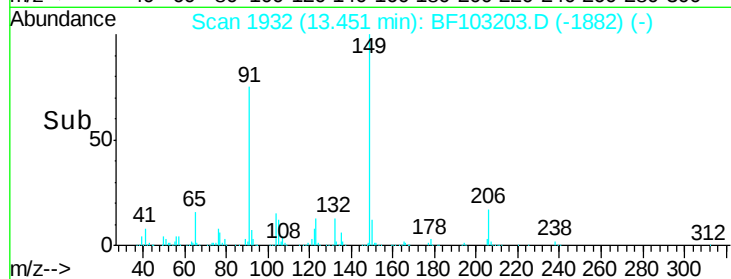
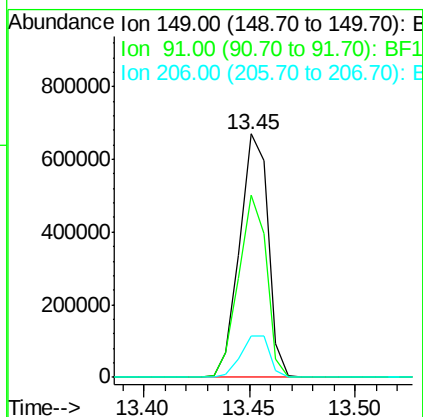
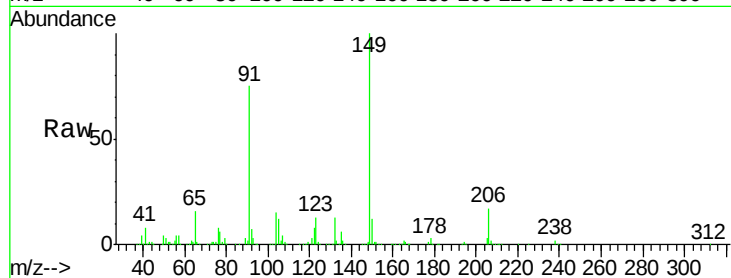




#79
Butylbenzylphthalate
Concen: 38.644 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

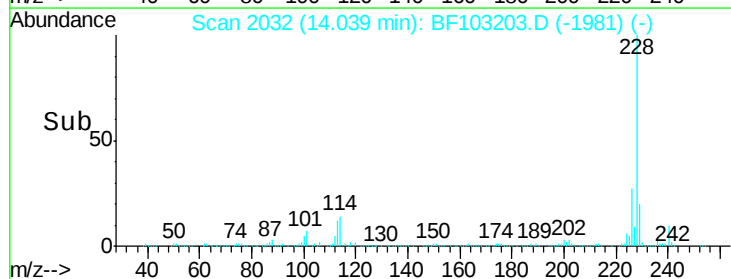
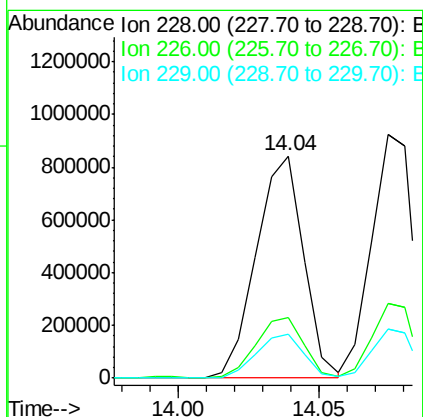
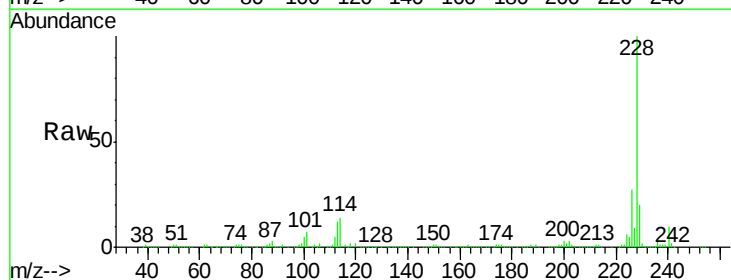
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 626726
Ion Ratio Lower Upper
149 100
91 74.7 56.8 85.2
206 17.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.316 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:228 Resp: 978816
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.0 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 35.982 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampleId :

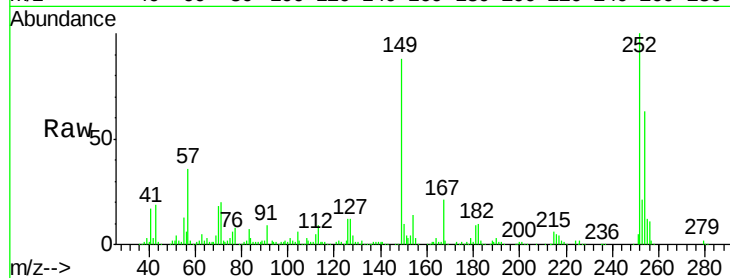
Tot Ion:252 Resp: 328037

Ion Ratio Lower Upper

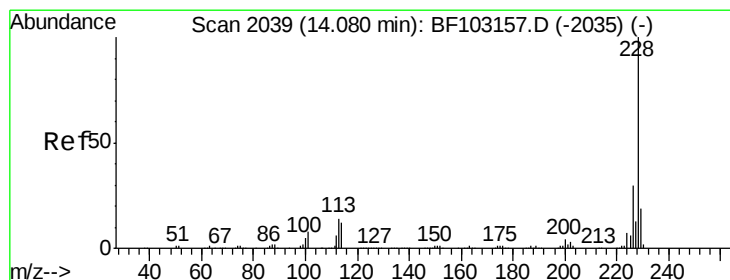
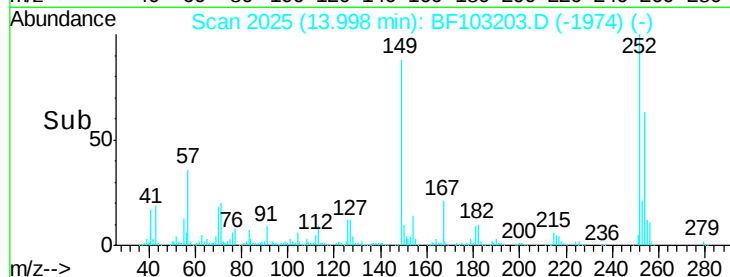
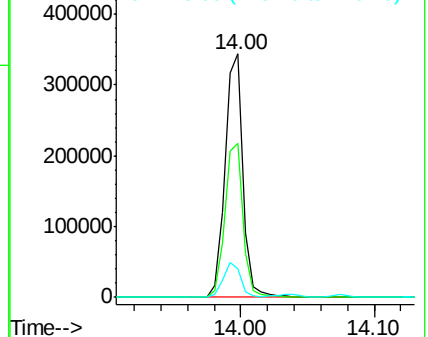
252 100

254 63.1 50.4 75.6

126 11.9 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: 38.006 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

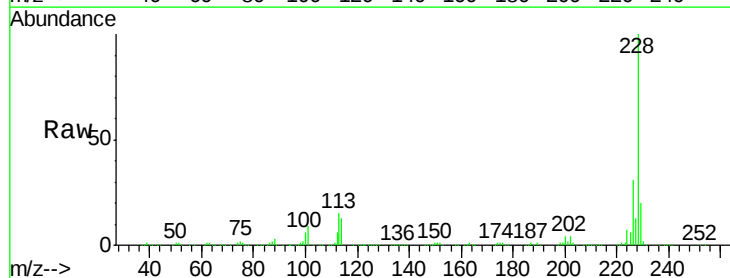
Tgt Ion:228 Resp: 942701

Ion Ratio Lower Upper

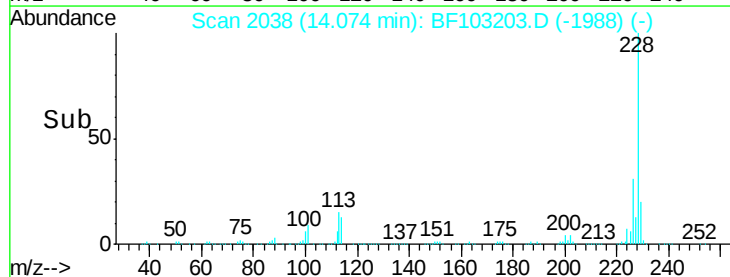
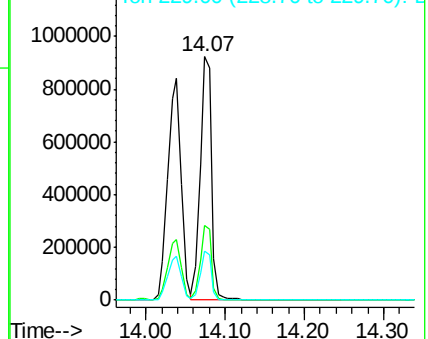
228 100

226 30.8 25.0 37.6

229 20.0 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: 38.621 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampled :

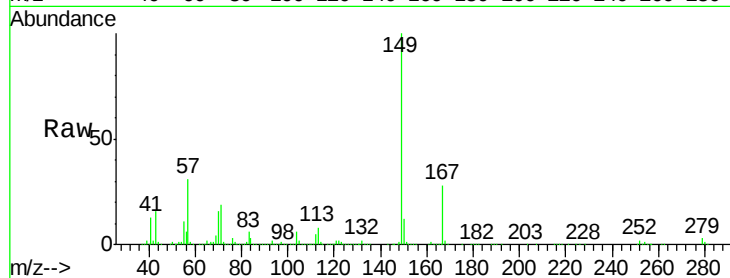
Tot Ion:149 Resp: 845241

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

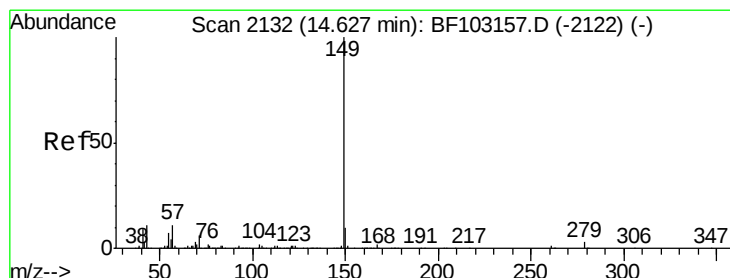
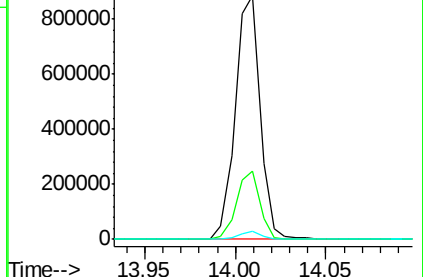
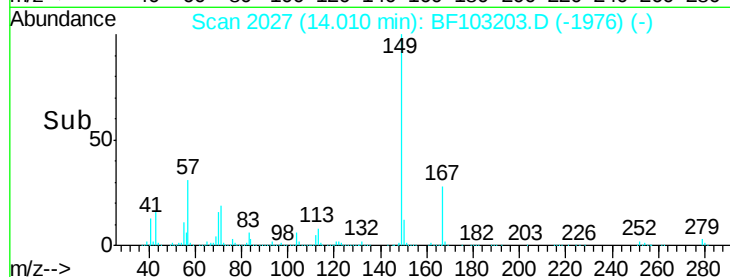
279 3.4 3.0 4.4



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: 38.718 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

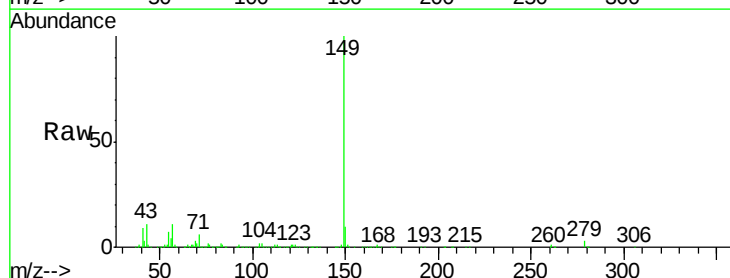
Tgt Ion:149 Resp: 1369108

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

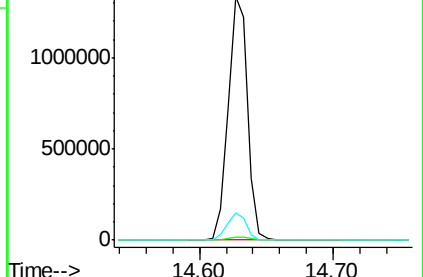
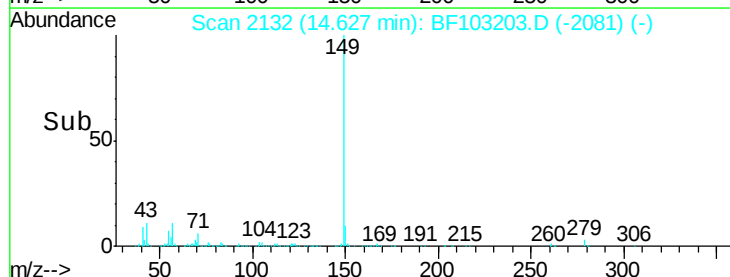
43 11.1 8.4 12.6

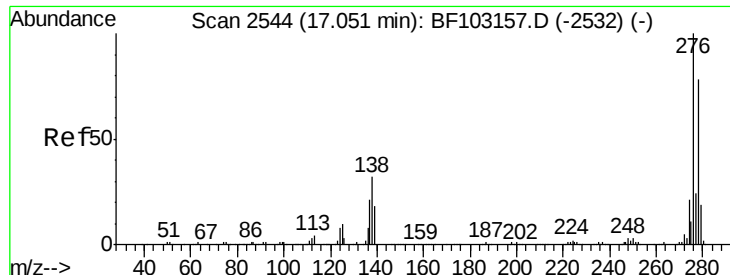


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

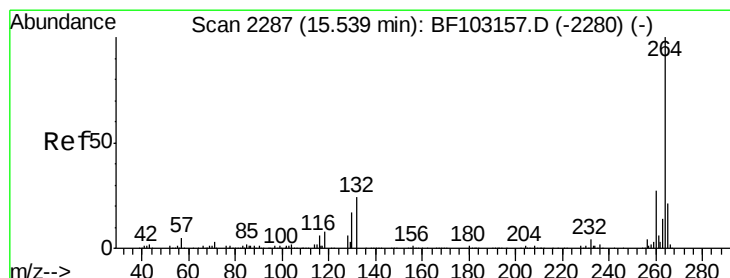
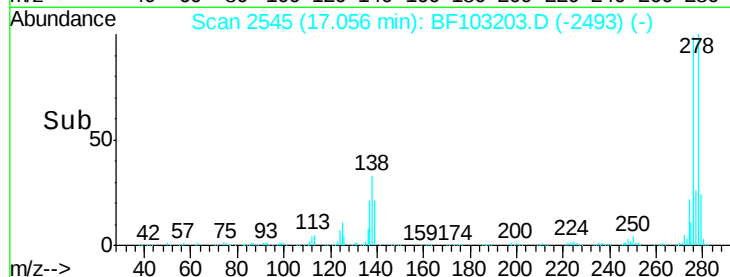
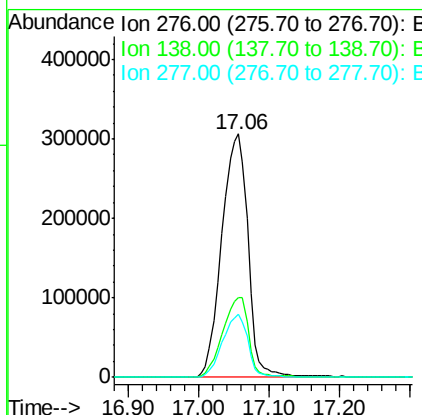
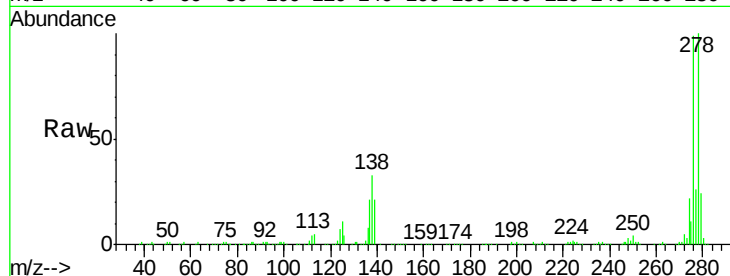




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.385 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

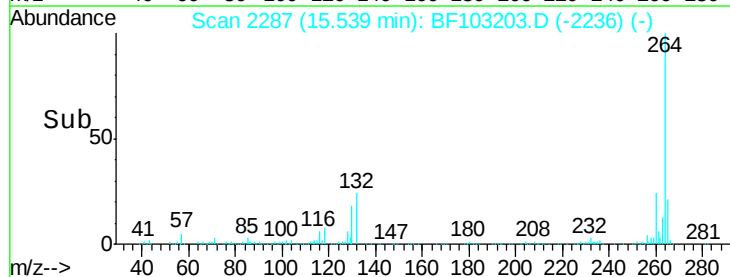
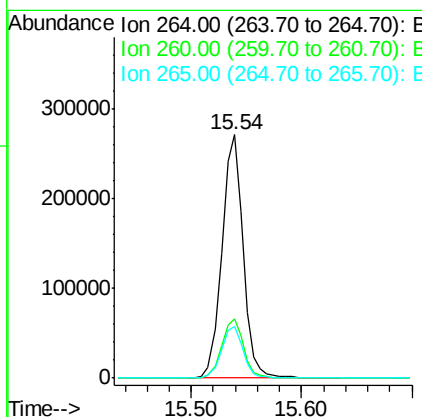
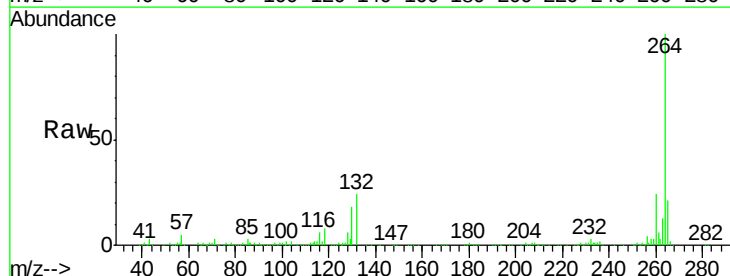
Instrument :
BNA_F
ClientSampleId :

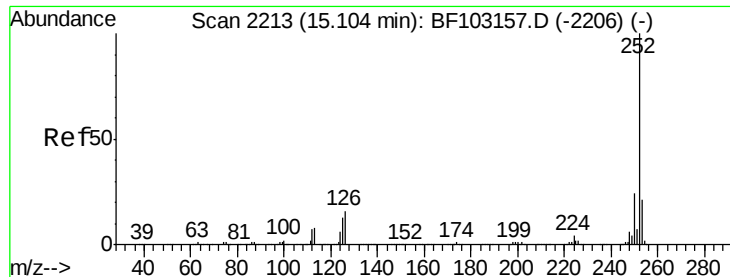
Tot Ion:276 Resp: 793034
Ion Ratio Lower Upper
276 100
138 32.7 25.0 37.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:264 Resp: 363873
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.1 17.5 26.3

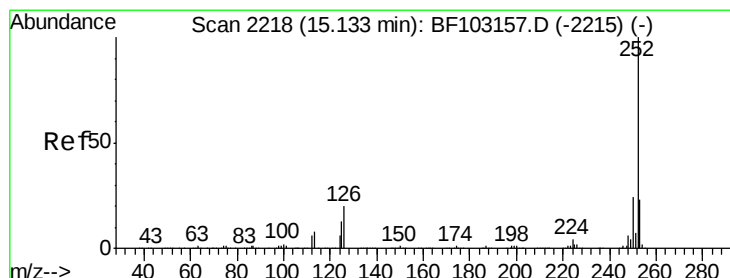
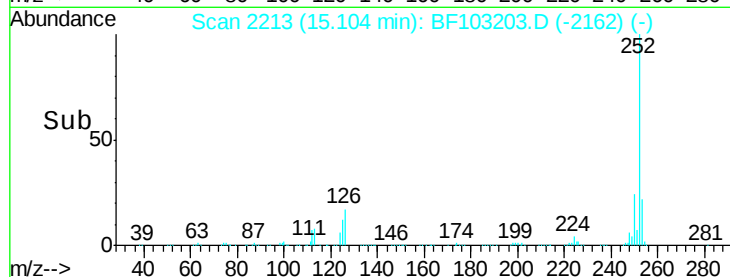
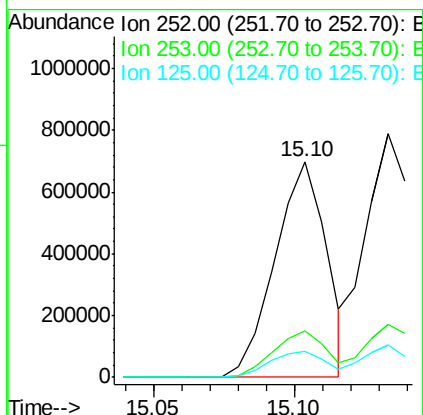
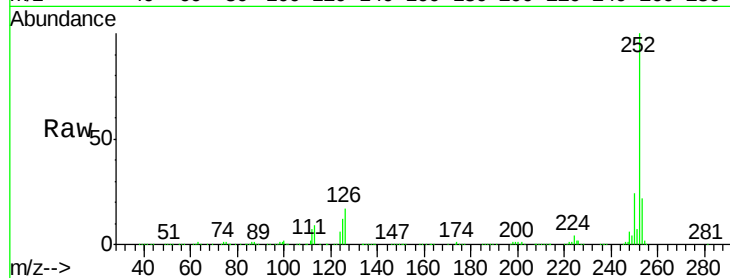




#87
Benzo(b)fluoranthene
Concen: 37.033 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

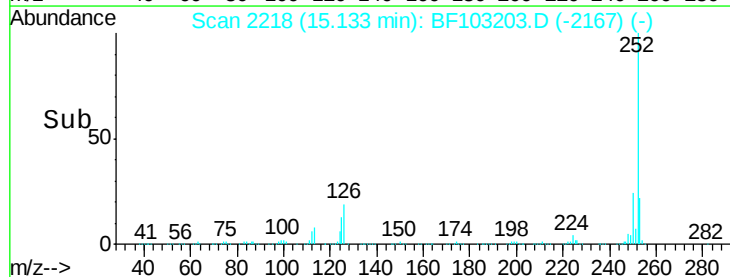
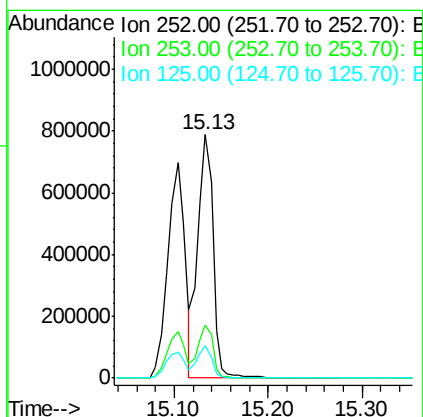
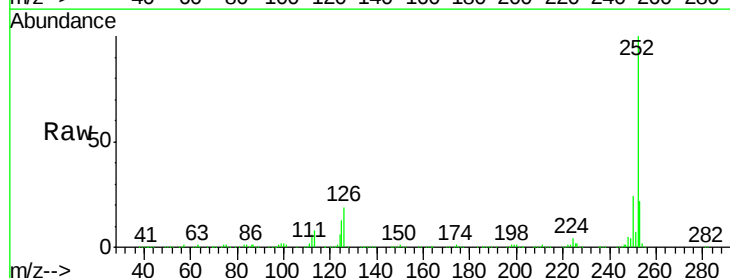
Instrument :
BNA_F
ClientSampled :

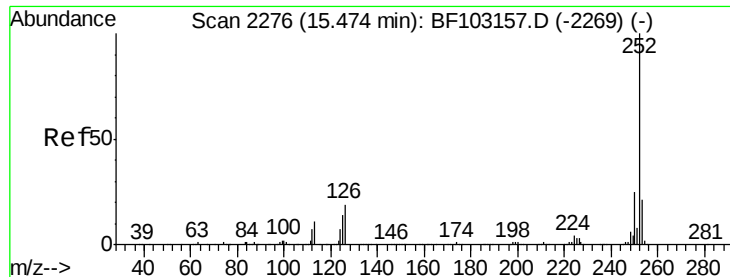
Tot Ion:252 Resp: 885983
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.697 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103203.D
Acq: 23 Feb 2018 16:50

Tgt Ion:252 Resp: 894314
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.299 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

Instrument :

BNA_F

ClientSampleId :

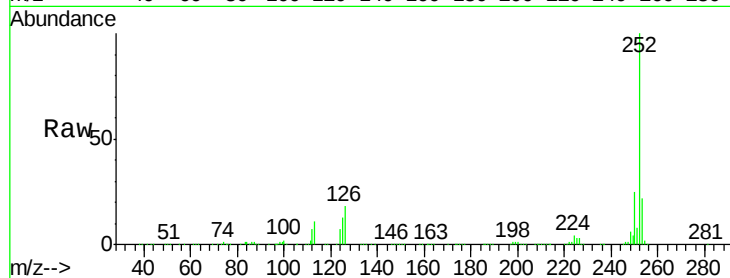
Tot Ion:252 Resp: 839604

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

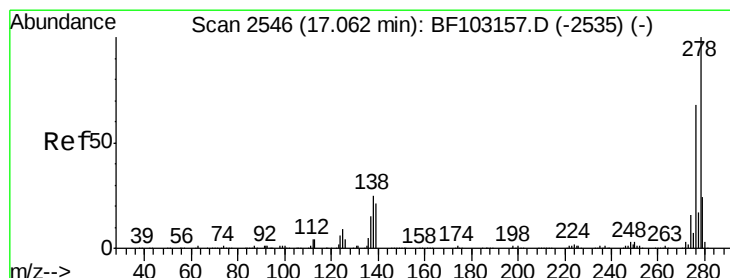
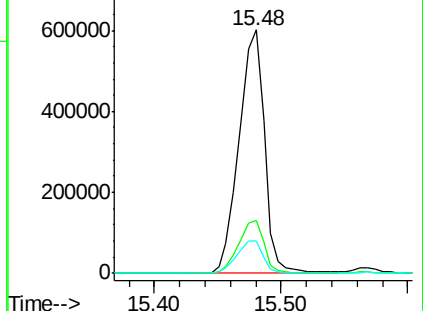
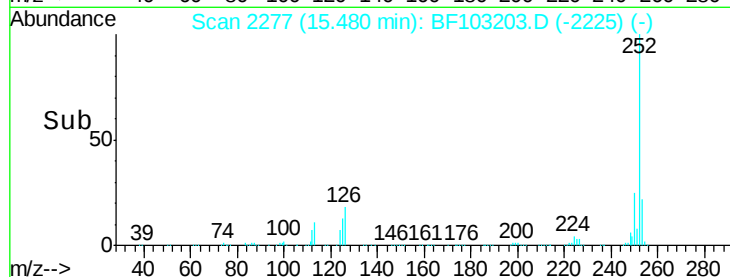
125 13.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.734 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF103203.D

Acq: 23 Feb 2018 16:50

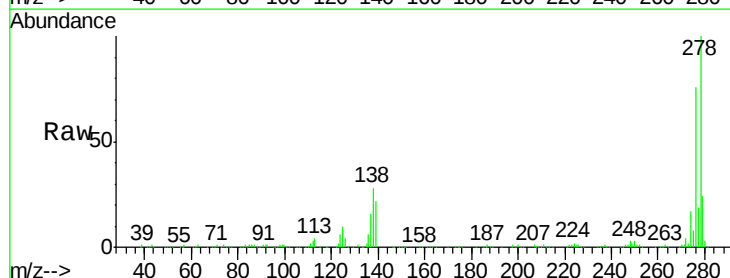
Tgt Ion:278 Resp: 639442

Ion Ratio Lower Upper

278 100

139 21.9 15.9 23.9

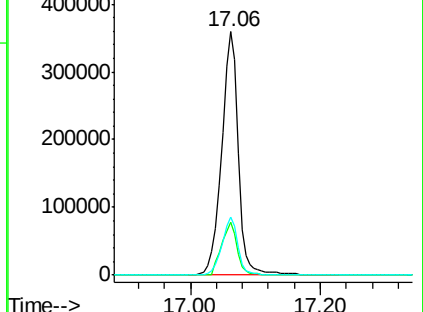
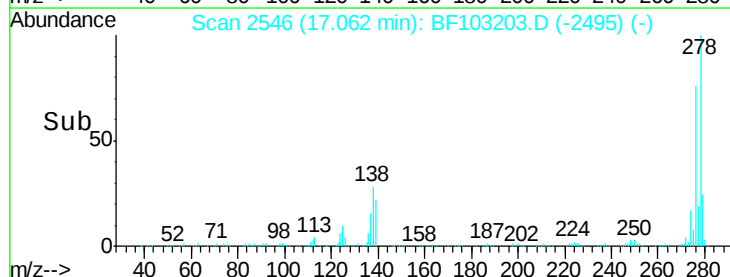
279 23.6 19.0 28.4

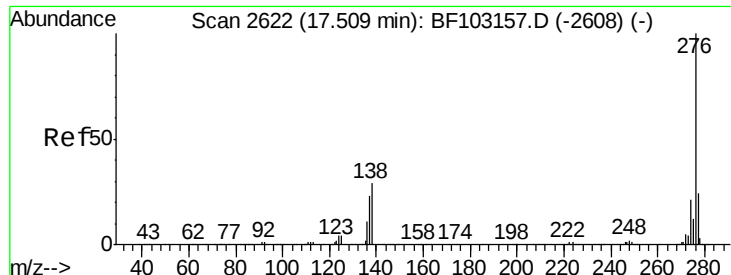


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

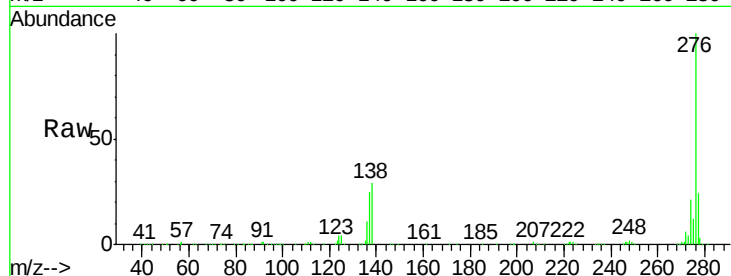




#91
 Benzo(a,h,i)perylene
 Concen: 40.948 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BF103203.D
 Acq: 23 Feb 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	660681
Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	28.6	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

