

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103311.D
 Acq On : 28 Feb 2018 23:24
 Operator : SJ/JU
 Sample : J1708-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 01:19:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144988	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	616752	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	265262	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	411214	20.00	ng	0.00
75) Chrysene-d12	14.06	240	240941	20.00	ng	0.00
86) Perylene-d12	15.56	264	241568	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1229212	128.22	ng	0.01
7) Phenol-d6	6.52	99	1496932	127.61	ng	0.00
23) Nitrobenzene-d5	7.45	82	912244	84.47	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	245646	109.40	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1298607	84.11	ng	0.00
78) Terphenyl-d14	12.99	244	950668	94.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	204192	40.329	ng	93
3) Pyridine	3.49	79	530411	39.240	ng	97
4) n-Nitrosodimethylamine	3.43	42	320939	58.872	ng	# 90
6) Aniline	6.55	93	323506	19.109	ng	94
8) 2-Chlorophenol	6.66	128	438051	43.987	ng	91
9) Benzaldehyde	6.43	77	228149	29.708	ng	95
10) Phenol	6.53	94	597831	43.901	ng	88
11) bis(2-Chloroethyl)ether	6.61	93	469870	45.462	ng	91
12) 1,3-Dichlorobenzene	6.82	146	449074	39.460	ng	98
13) 1,4-Dichlorobenzene	6.89	146	448481	39.306	ng	98
14) 1,2-Dichlorobenzene	7.05	146	401918	38.202	ng	99
15) Benzyl Alcohol	7.02	79	373949	42.304	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	703188	39.620	ng	91
17) 2-Methylphenol	7.13	107	370713	40.962	ng	94
18) Hexachloroethane	7.38	117	149818	36.069	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	295893	40.530	ng	97
20) 3+4-Methylphenols	7.29	107	436003	39.522	ng	# 57
22) Acetophenone	7.29	105	560466	38.932	ng	# 89
24) Nitrobenzene	7.46	77	479606	40.336	ng	99
25) Isophorone	7.70	82	893684	42.016	ng	98
26) 2-Nitrophenol	7.77	139	229465	40.994	ng	96
27) 2,4-Dimethylphenol	7.81	122	379089	44.306	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	559904	44.772	ng	99
29) 2,4-Dichlorophenol	8.02	162	353836	43.195	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	331432	37.994	ng	98
31) Naphthalene	8.18	128	1186765	39.303	ng	100
32) Benzoic acid	7.93	122	92169	19.342	ng	99
33) 4-Chloroaniline	8.23	127	121931	9.358	ng	95
34) Hexachlorobutadiene	8.29	225	164989	36.321	ng	97
35) Caprolactam	8.61	113	120527	41.864	ng	# 84
36) 4-Chloro-3-methylphenol	8.72	107	391475	42.369	ng	98
37) 2-Methylnaphthalene	8.87	142	773801	39.653	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	285985	39.437	ng	99
40) Hexachlorocyclopentadiene	9.02	237	47689	25.467	ng	99

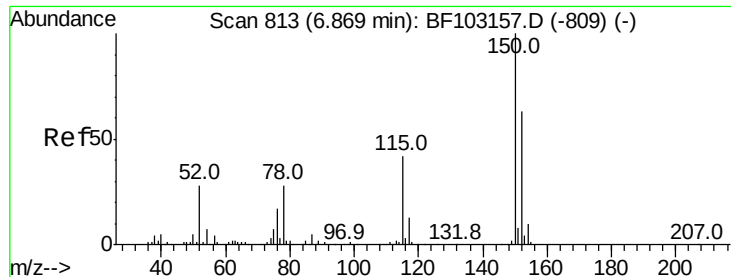
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103311.D
 Acq On : 28 Feb 2018 23:24
 Operator : SJ/JU
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	208858	42.803	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	221474	39.463	ng	96
45) 1,1'-Biphenyl	9.33	154	864964	38.914	ng	98
46) 2-Chloronaphthalene	9.36	162	692194	39.363	ng	99
47) 2-Nitroaniline	9.46	65	285708	43.862	ng	89
48) Acenaphthylene	9.78	152	1043690	38.575	ng	100
49) Dimethylphthalate	9.63	163	953061	44.787	ng	100
50) 2,6-Dinitrotoluene	9.70	165	181272	40.593	ng	# 87
51) Acenaphthene	9.95	154	602727	38.203	ng	99
52) 3-Nitroaniline	9.87	138	133276	23.524	ng	99
53) 2,4-Dinitrophenol	9.99	184	28019	24.902	ng	# 19
54) Dibenzofuran	10.12	168	873383	40.327	ng	97
55) 4-Nitrophenol	10.05	139	238736	67.989	ng	89
56) 2,4-Dinitrotoluene	10.12	165	221891	39.288	ng	# 92
57) Fluorene	10.47	166	685899	37.177	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	153140	40.620	ng	98
59) Diethylphthalate	10.33	149	808106	39.706	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	313167	40.028	ng	99
61) 4-Nitroaniline	10.49	138	191498	33.840	ng	99
62) Azobenzene	10.62	77	827965	39.967	ng	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	35626	17.717	ng	94
65) n-Nitrosodiphenylamine	10.57	169	627950	43.858	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	183614	42.864	ng	93
67) Hexachlorobenzene	11.02	284	180849	38.897	ng	97
68) Atrazine	11.10	200	188627	43.831	ng	100
69) Pentachlorophenol	11.22	266	138739	61.714	ng	97
70) Phenanthrene	11.43	178	862570	38.116	ng	99
71) Anthracene	11.49	178	913273	39.355	ng	99
72) Carbazole	11.64	167	874753	37.853	ng	99
73) Di-n-butylphthalate	11.96	149	1185126	40.984	ng	99
74) Fluoranthene	12.63	202	782802	34.422	ng	98
76) Benzidine	12.74	184	399035	44.300	ng	98
77) Pyrene	12.86	202	772853	41.142	ng	99
79) Butylbenzylphthalate	13.46	149	442376	44.572	ng	95
80) Benzo(a)anthracene	14.04	228	628632	40.211	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	215397	38.608	ng	99
82) Chrysene	14.09	228	599001	39.461	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	577824	43.142	ng	98
84) Di-n-octyl phthalate	14.64	149	961083	44.413	ng	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	539235	44.872	ng	97
87) Benzo(b)fluoranthene	15.12	252	616849	38.837	ng	98
88) Benzo(k)fluoranthene	15.15	252	582649	38.957	ng	99
89) Benzo(a)pyrene	15.50	252	592335	41.762	ng	98
90) Dibenzo(a,h)anthracene	17.10	278	456142	41.620	ng	99
91) Benzo(g,h,i)perylene	17.55	276	439029	40.987	ng	98

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

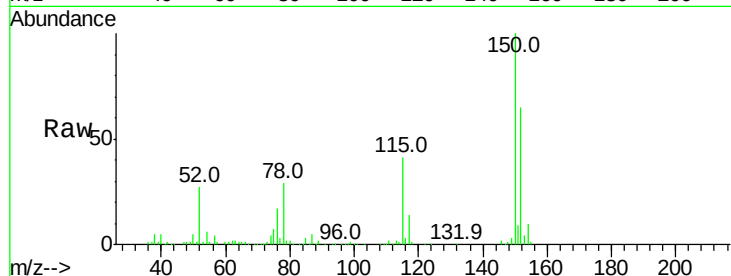


#1

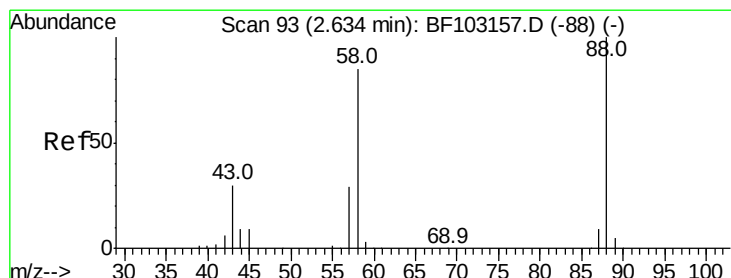
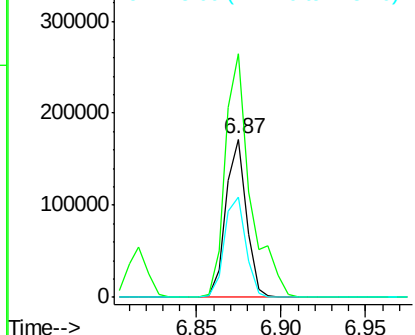
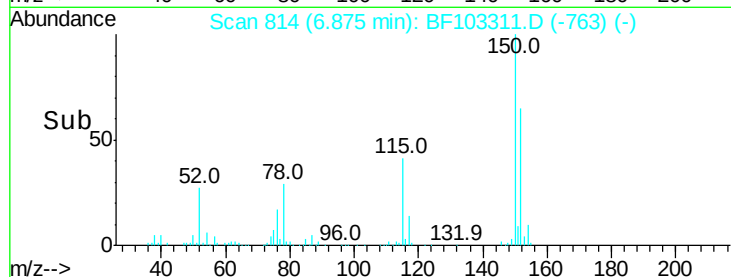
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144988
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 63.1 50.1 75.1



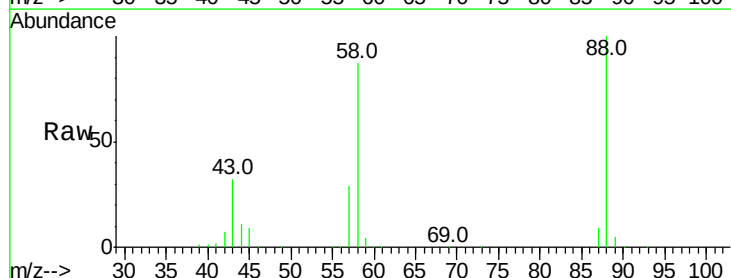
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



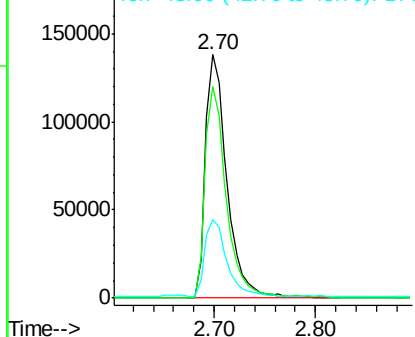
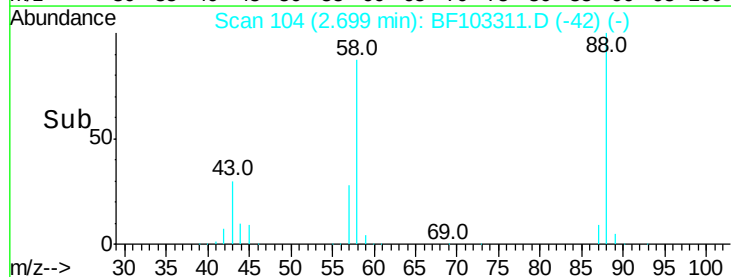
#2

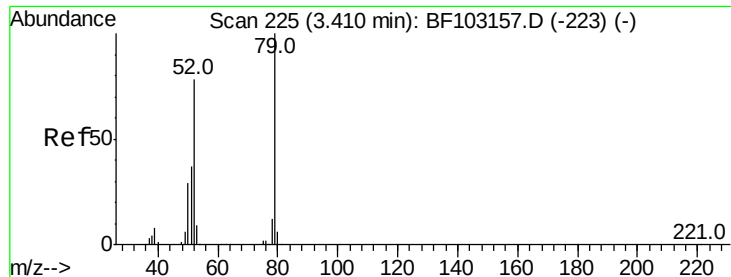
1,4-Dioxane
Concen: 40.329 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.06 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion: 88 Resp: 204192
Ion Ratio Lower Upper
88 100
58 86.6 62.6 93.8
43 31.9 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: 39.240 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.07 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

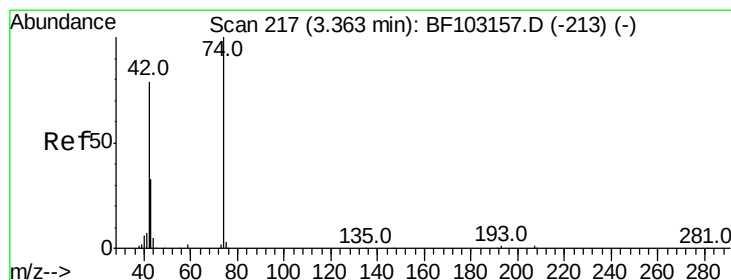
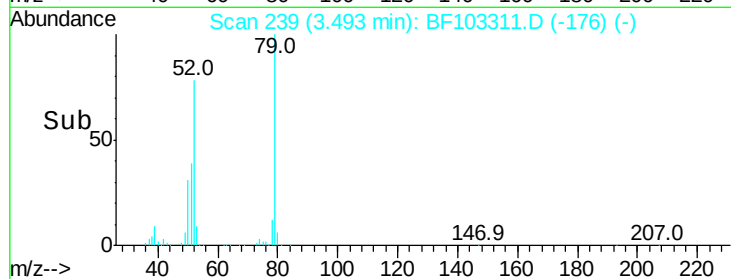
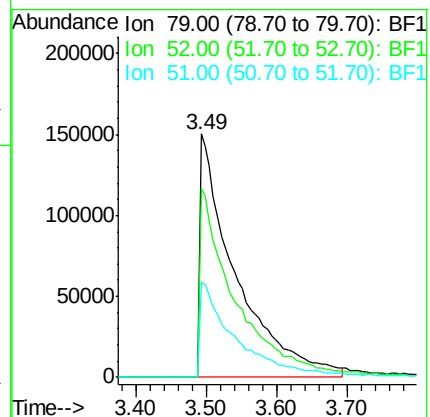
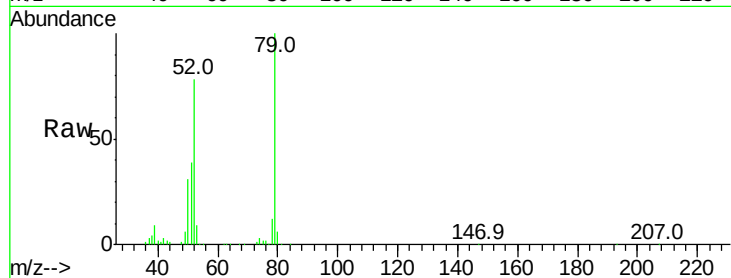
Tot Ion: 79 Resp: 530411

Ion Ratio Lower Upper

79 100

52 77.7 59.8 89.6

51 39.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 58.872 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.06 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

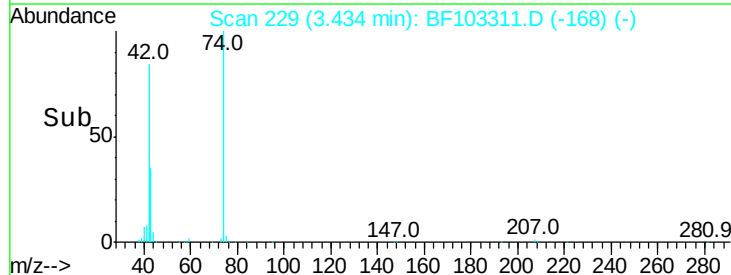
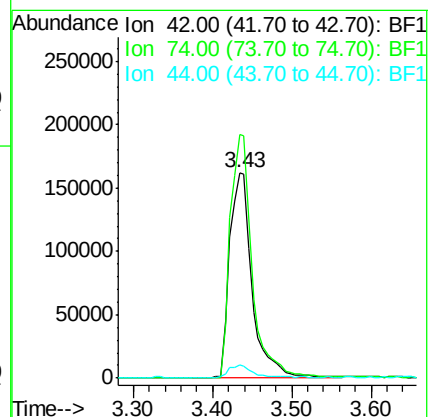
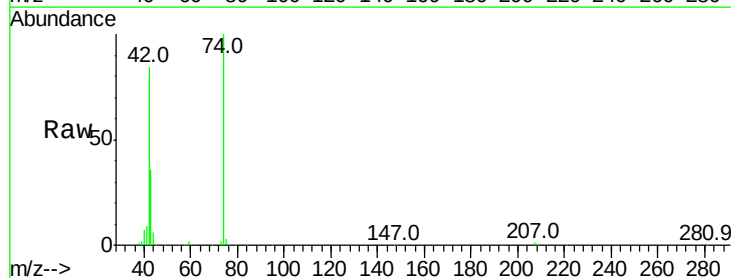
Tgt Ion: 42 Resp: 320939

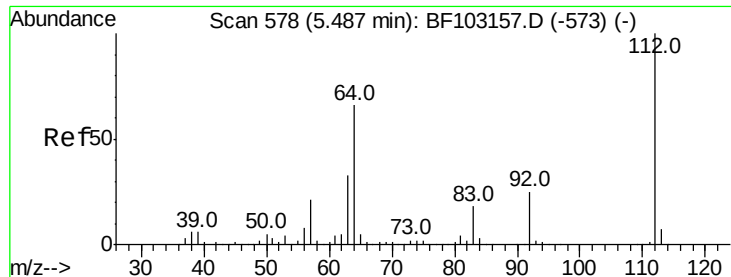
Ion Ratio Lower Upper

42 100

74 118.5 104.9 157.3

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 128.224 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :

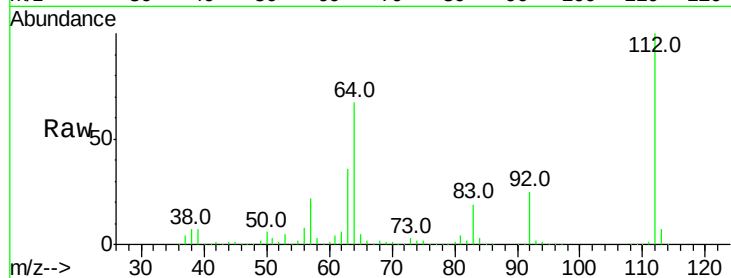
Tot Ion:112 Resp: 1229212

Ion Ratio Lower Upper

112 100

64 66.7 47.9 71.9

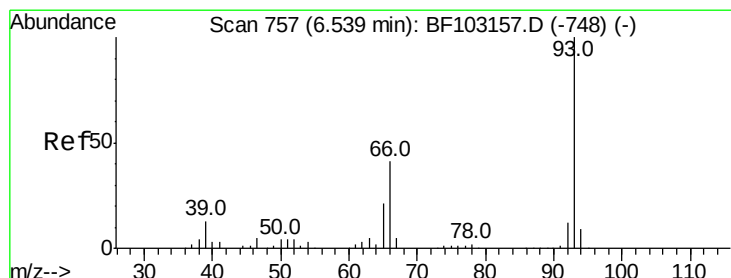
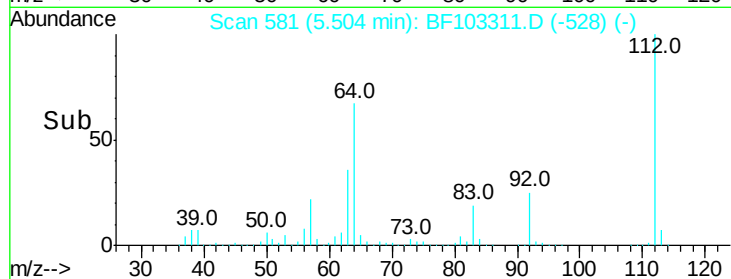
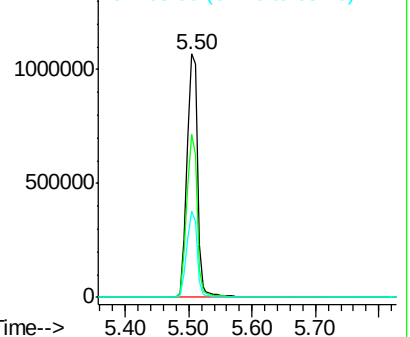
63 35.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.109 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

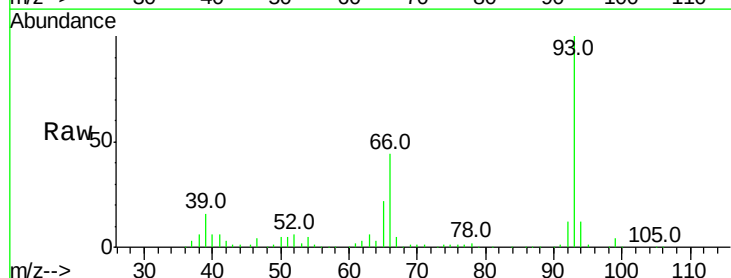
Tgt Ion: 93 Resp: 323506

Ion Ratio Lower Upper

93 100

66 44.0 32.2 48.2

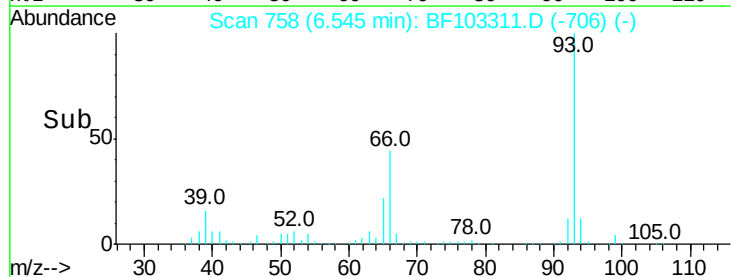
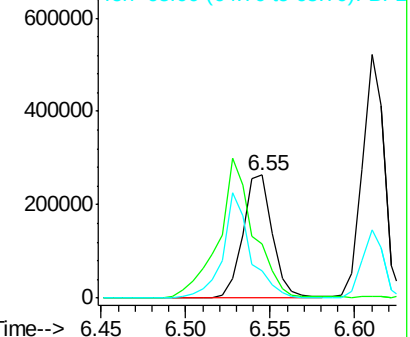
65 22.4 16.4 24.6

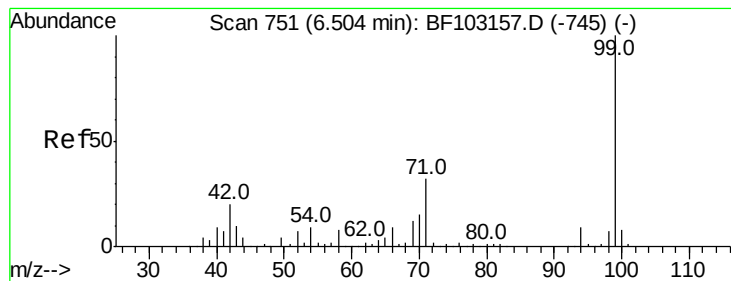


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.611 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampled :

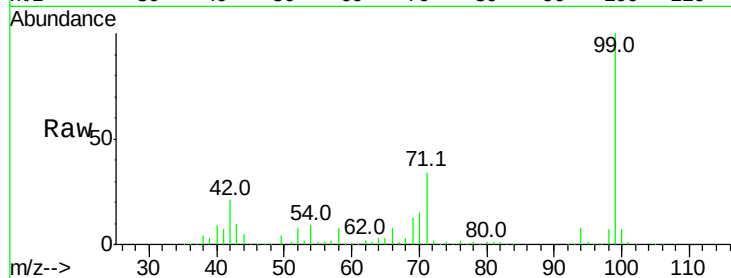
Tot Ion: 99 Resp: 1496932

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.5	25.4	38.0

99 100

42 20.9 14.5 21.7

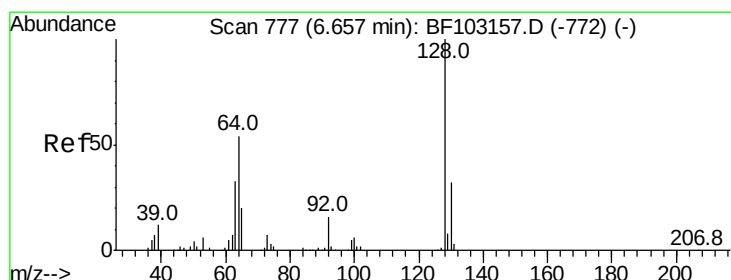
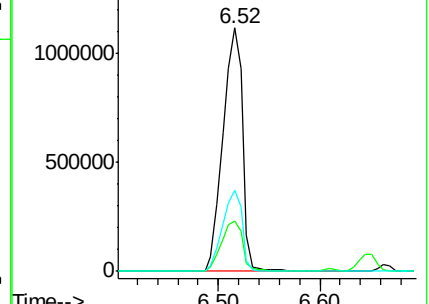
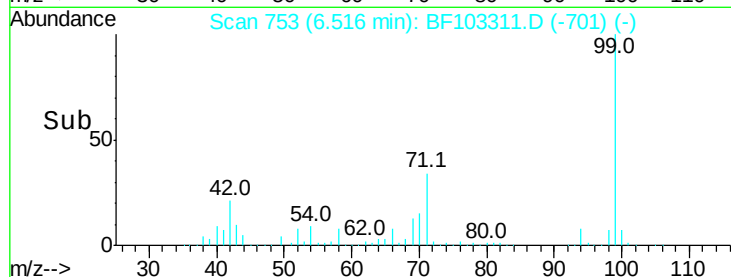
71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.987 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

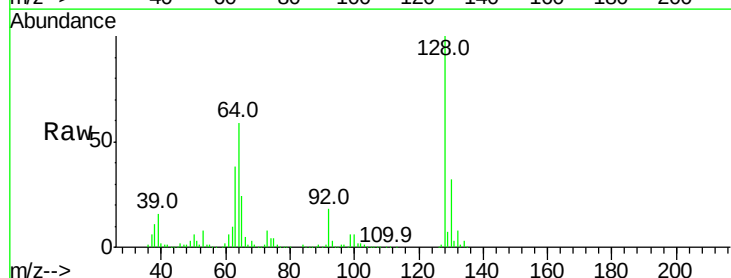
Tgt Ion:128 Resp: 438051

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	59.2	29.4	69.4

128 100

130 32.4 13.0 53.0

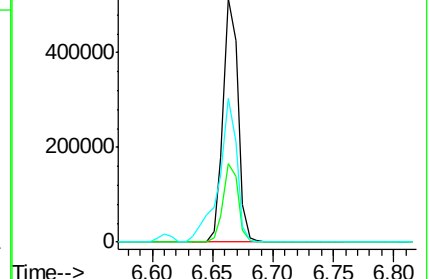
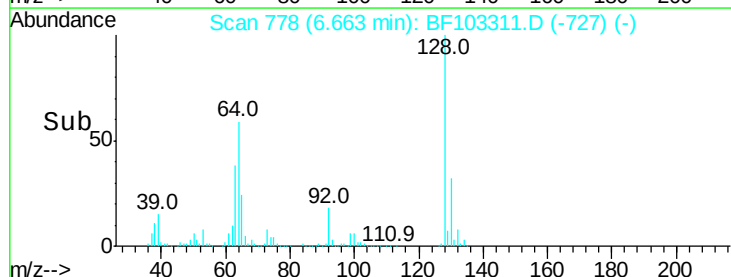
64 59.2 29.4 69.4

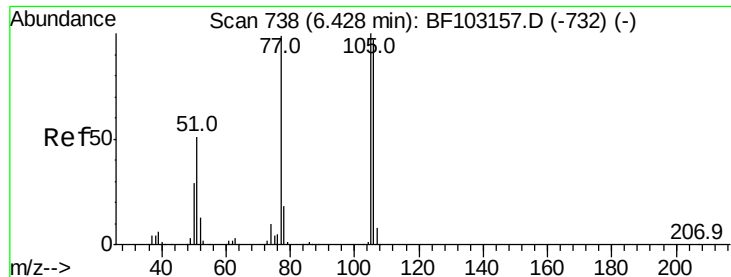


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.708 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

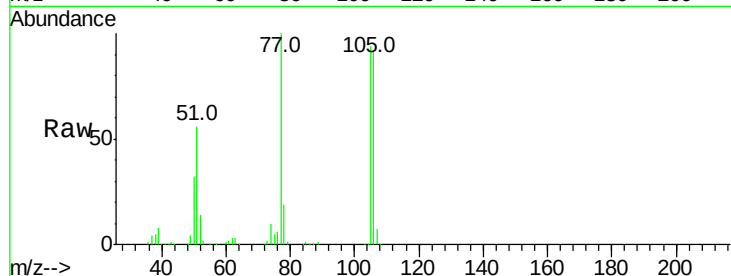
Tot Ion: 77 Resp: 228149

Ion Ratio Lower Upper

77 100

105 94.5 81.1 121.1

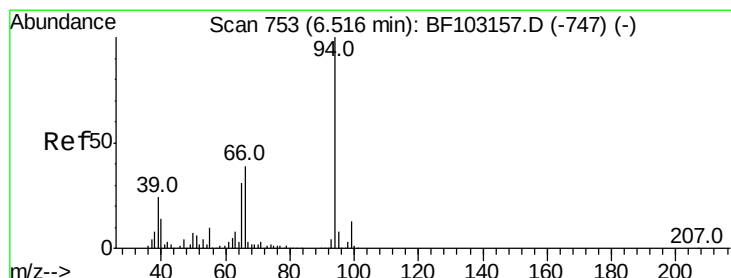
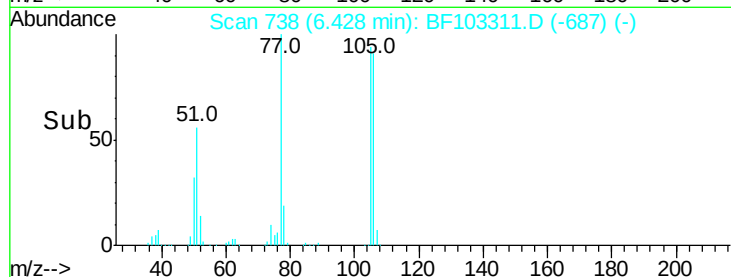
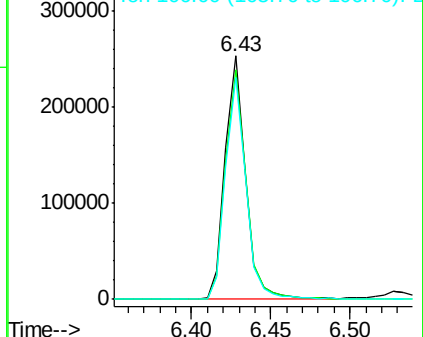
106 90.9 74.5 114.5



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: 43.901 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

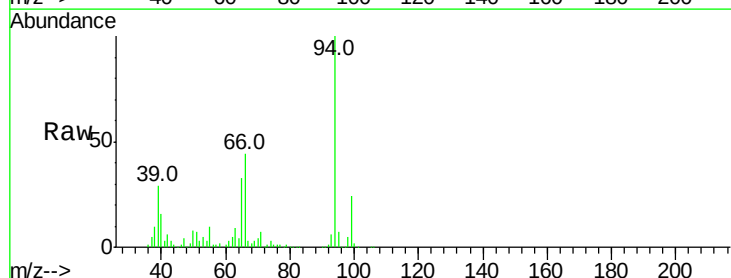
Tgt Ion: 94 Resp: 597831

Ion Ratio Lower Upper

94 100

65 33.3 7.9 47.9

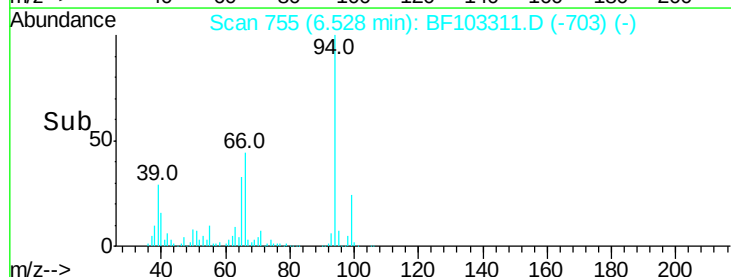
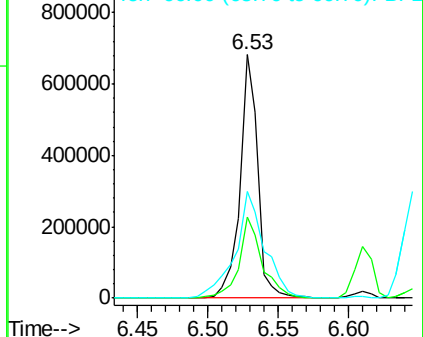
66 44.1 16.2 56.2

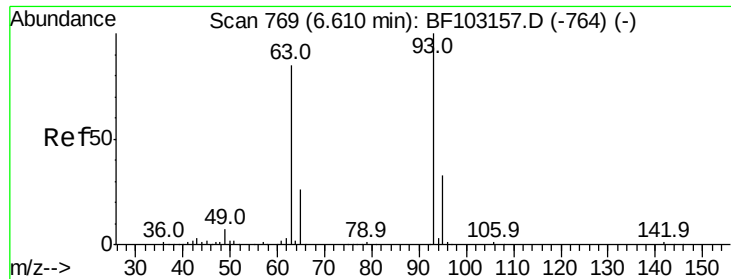


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.462 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

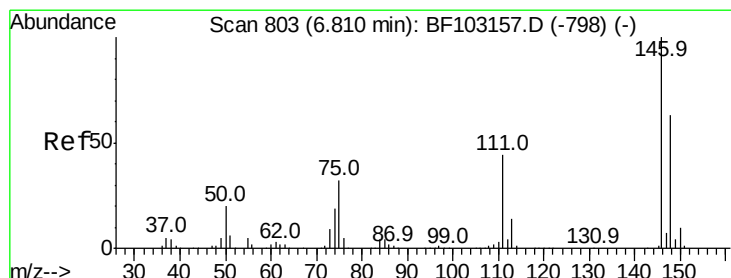
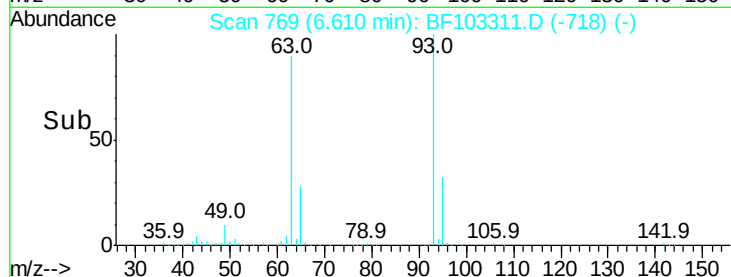
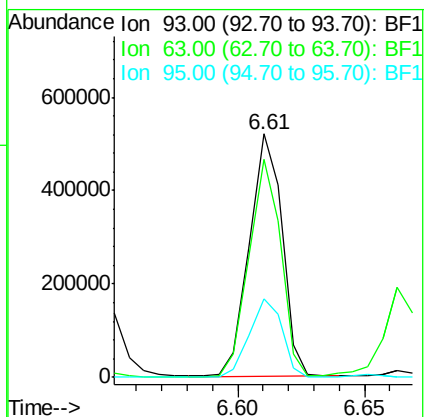
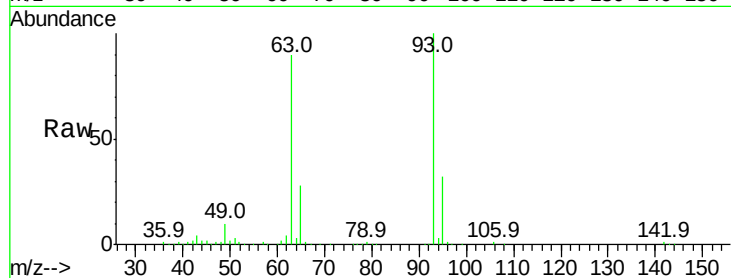
Tot Ion: 93 Resp: 469870

Ion Ratio Lower Upper

93 100

63 89.6 58.6 98.6

95 32.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.460 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

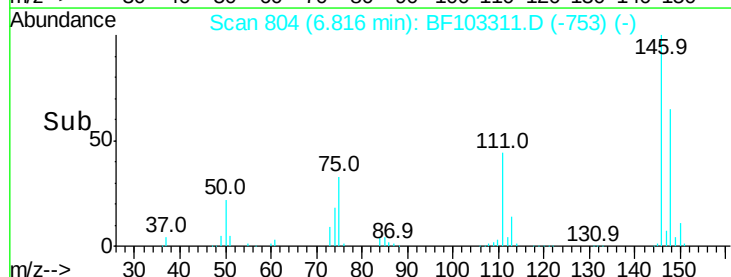
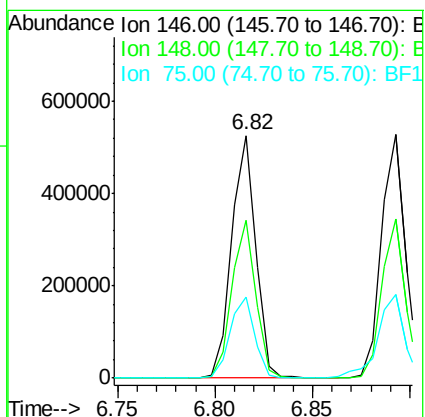
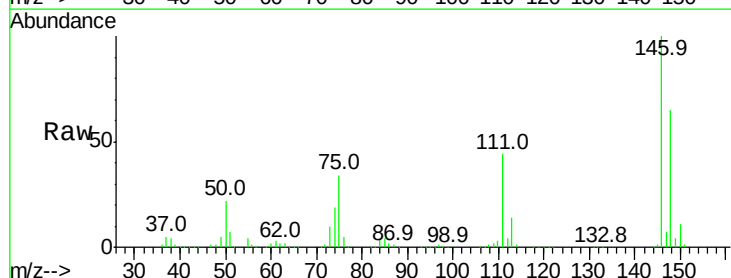
Tgt Ion: 146 Resp: 449074

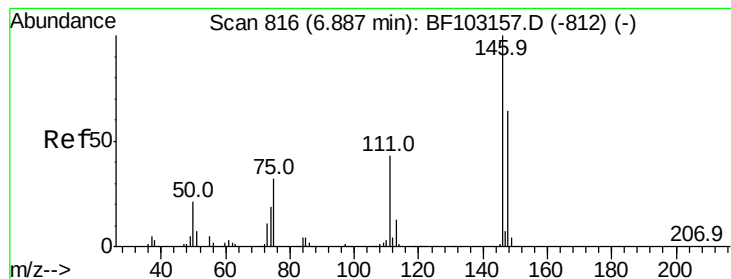
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 33.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.306 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampled :

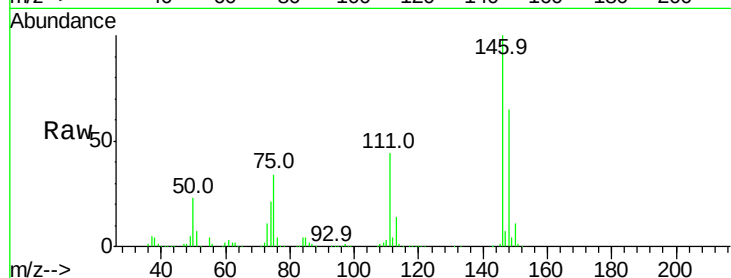
Tot Ion:146 Resp: 448481

Ion Ratio Lower Upper

146 100

148 65.4 50.8 76.2

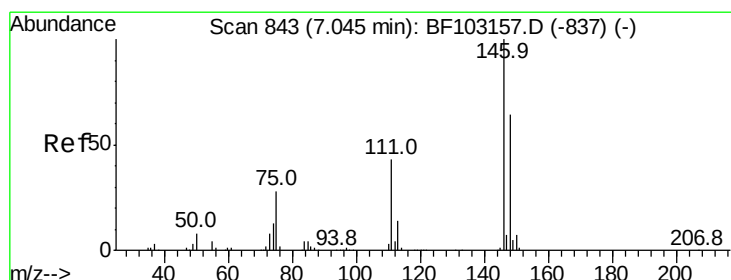
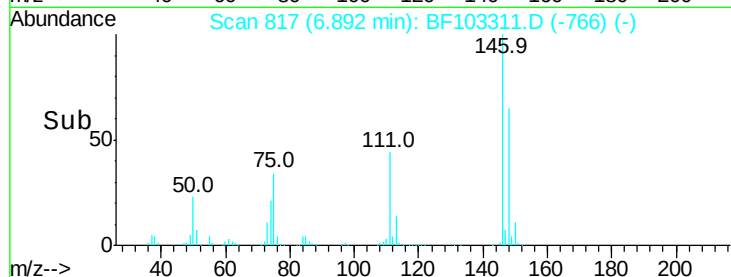
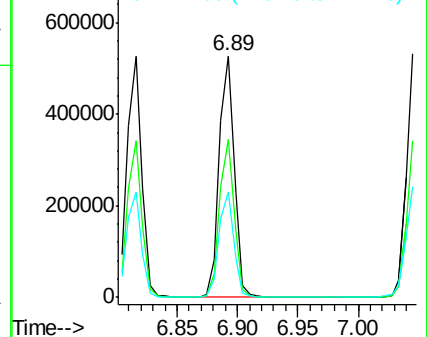
111 43.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.202 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

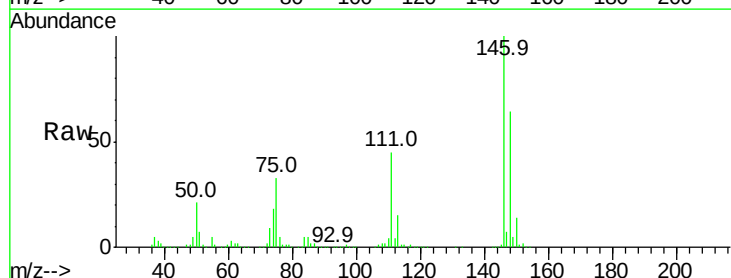
Tgt Ion:146 Resp: 401918

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

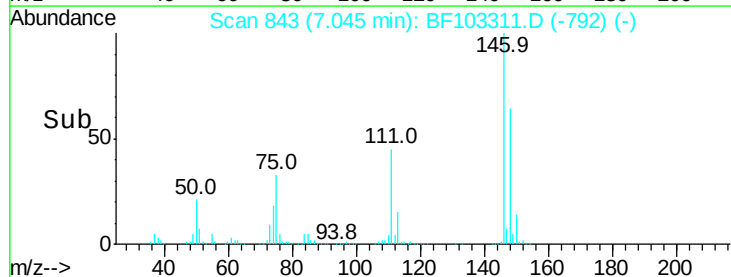
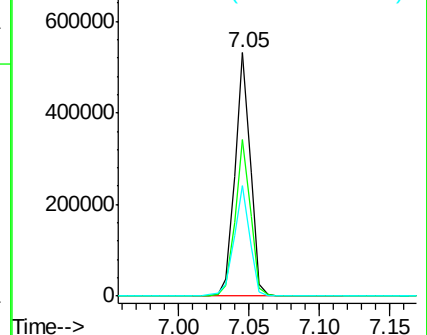
111 45.2 36.0 54.0

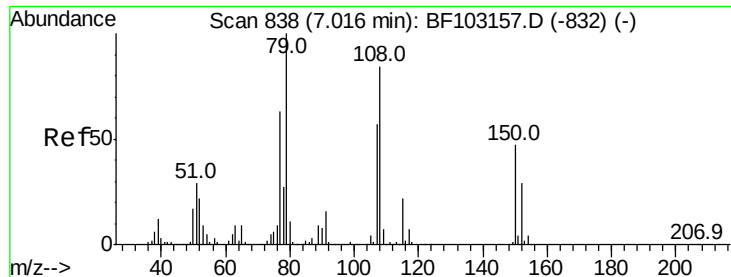


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.304 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampled :

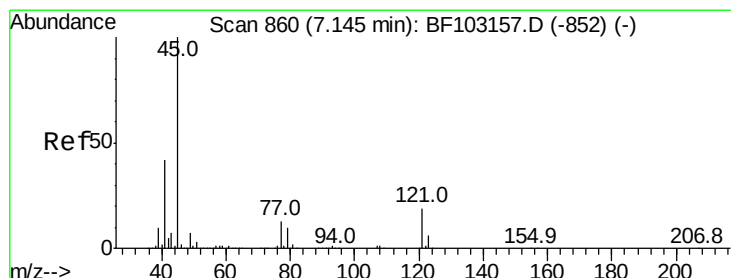
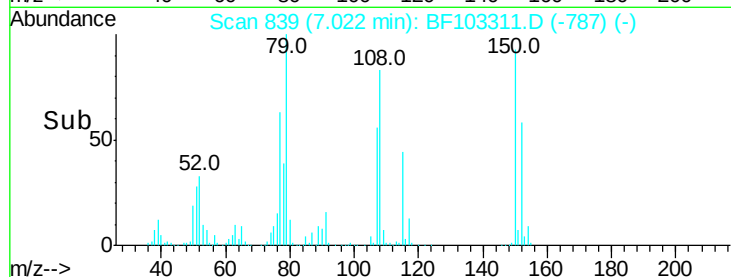
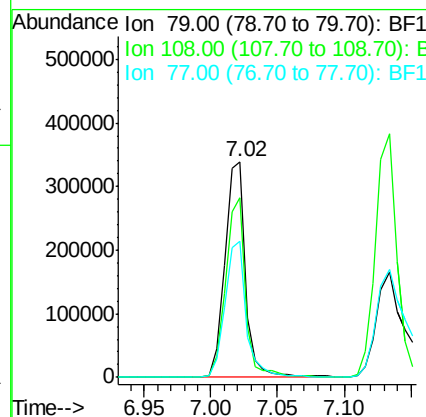
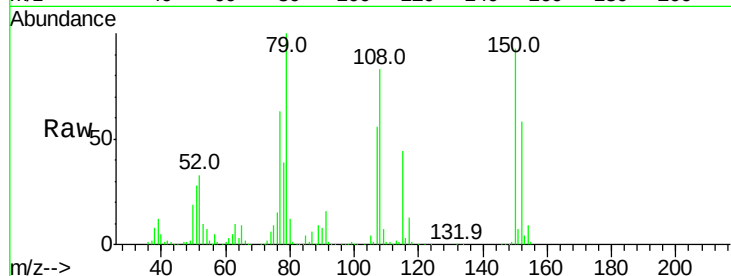
Tot Ion: 79 Resp: 373949

Ion Ratio Lower Upper

79 100

108 83.5 65.1 97.7

77 62.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.620 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

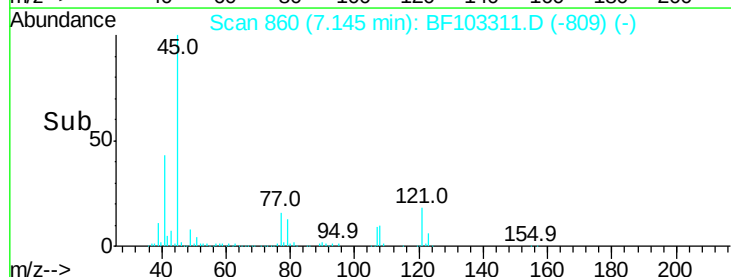
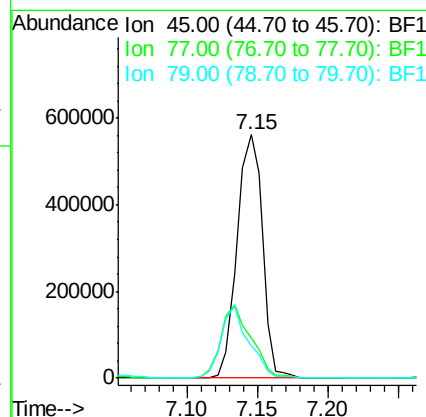
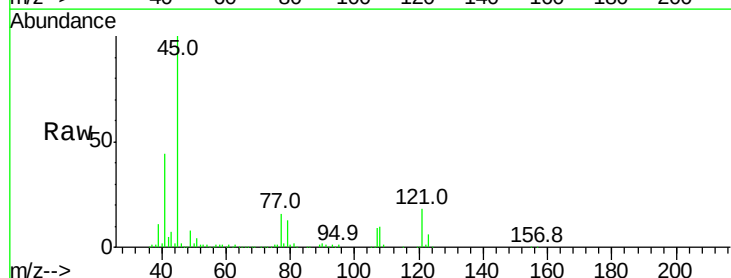
Tgt Ion: 45 Resp: 703188

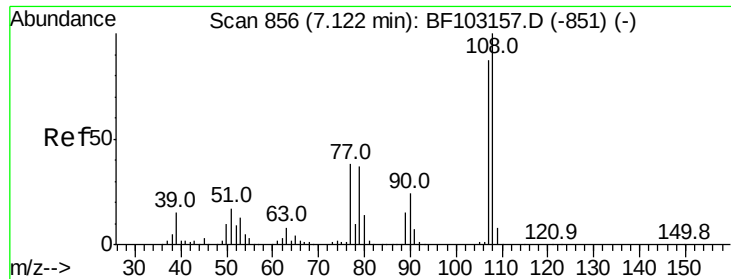
Ion Ratio Lower Upper

45 100

77 16.2 0.0 32.9

79 13.3 0.0 29.6

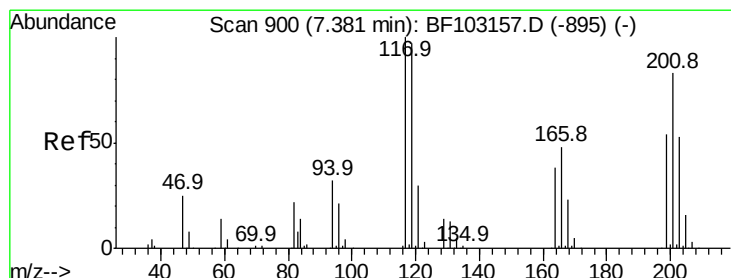
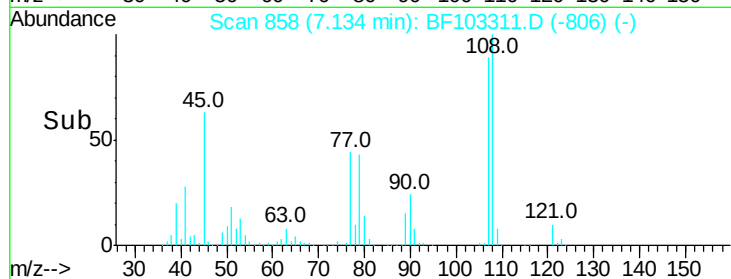
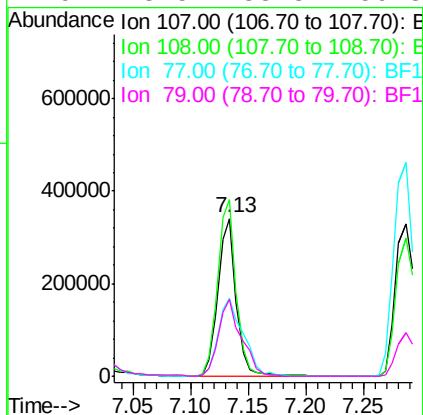
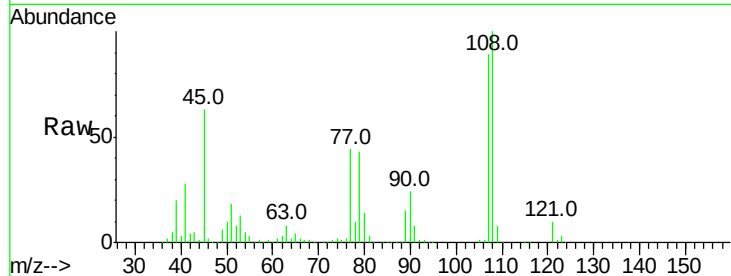




#17
2-Methylphenol
Concen: 40.962 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

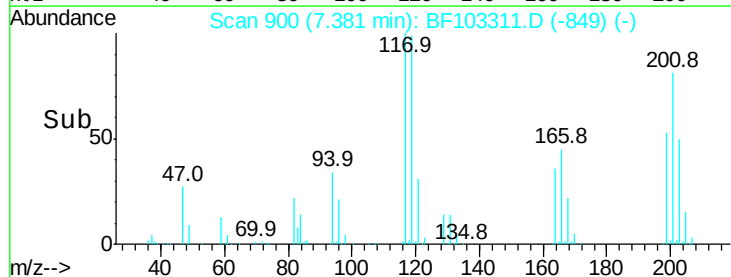
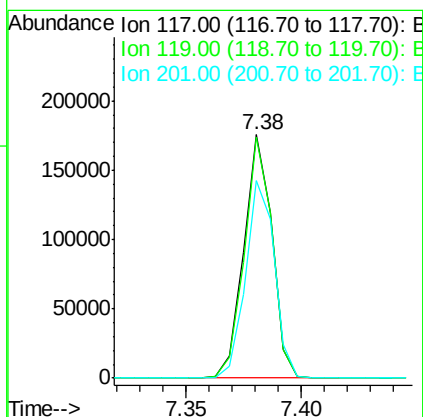
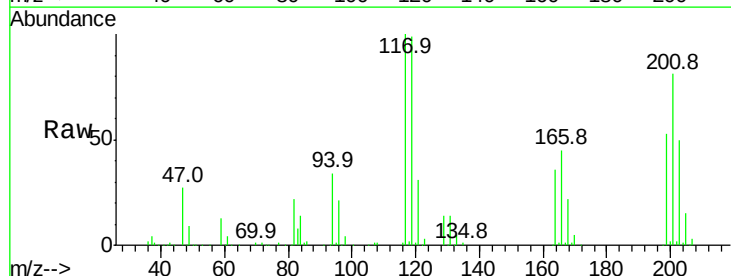
Instrument :
BNA_F
ClientSampleId :

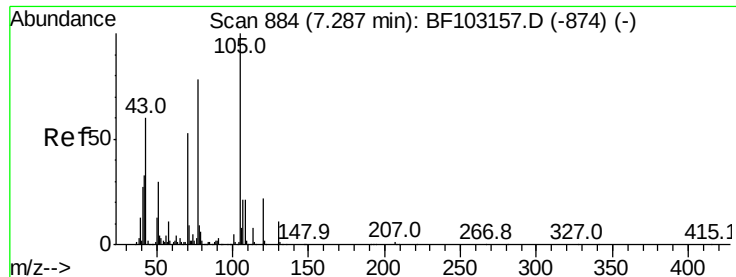
Tot Ion:	107	Resp:	370713
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.7	137.5
77	49.8	33.8	50.8
79	48.5	33.8	50.8



#18
Hexachloroethane
Concen: 36.069 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion:	117	Resp:	149818
Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.8	113.8
201	81.3	75.7	113.5

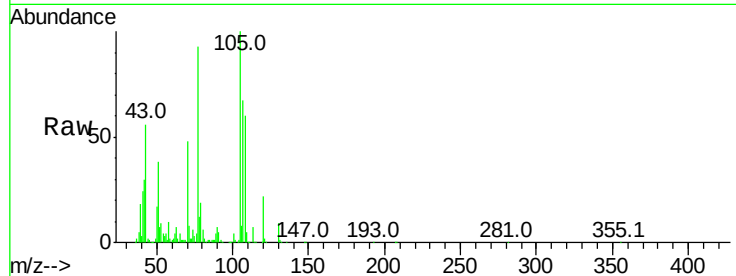




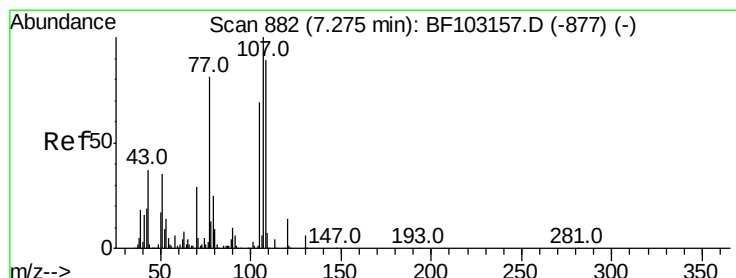
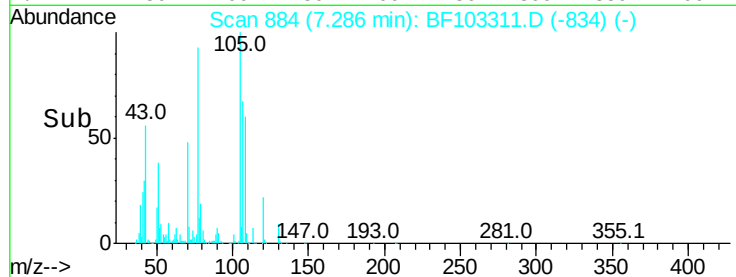
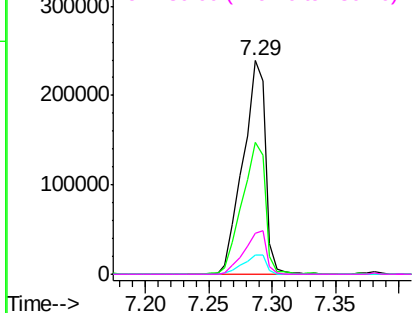
#19
n-Nitroso-di-n-propylamine
Concen: 40.530 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 295893
Ion Ratio Lower Upper
70 100
42 61.7 47.5 71.3
101 8.9 7.4 11.2
130 19.4 16.6 25.0

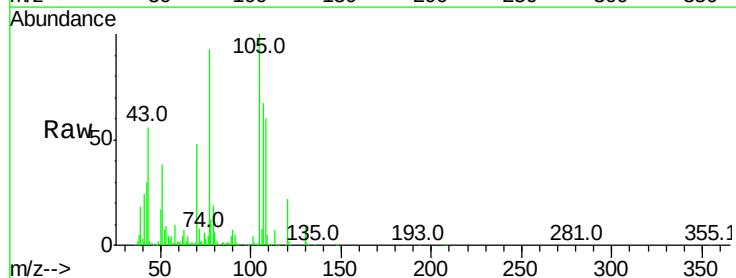


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

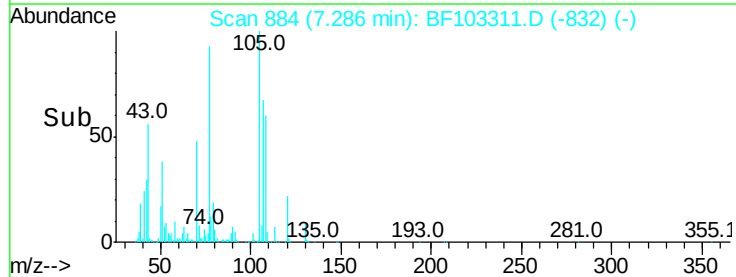
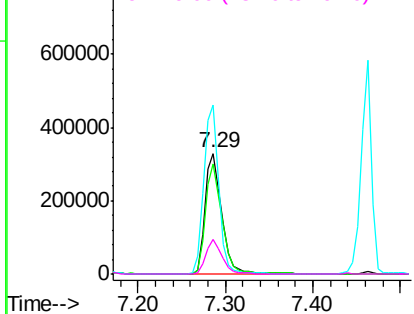


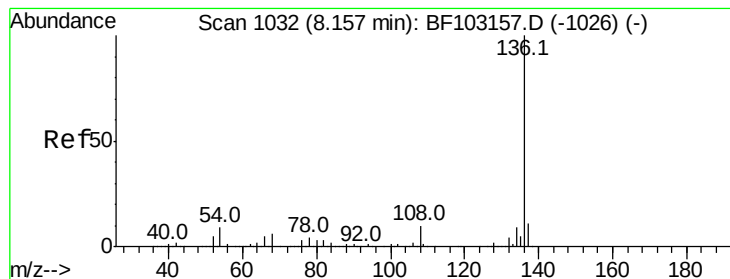
#20
3+4-Methylphenols
Concen: 39.522 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion:107 Resp: 436003
Ion Ratio Lower Upper
107 100
108 90.7 68.2 108.2
77 139.9 26.7 66.7#
79 28.2 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 616752

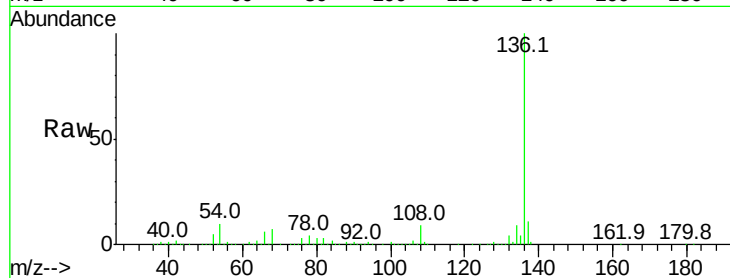
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.8 6.6 9.8

68 6.5 5.0 7.4

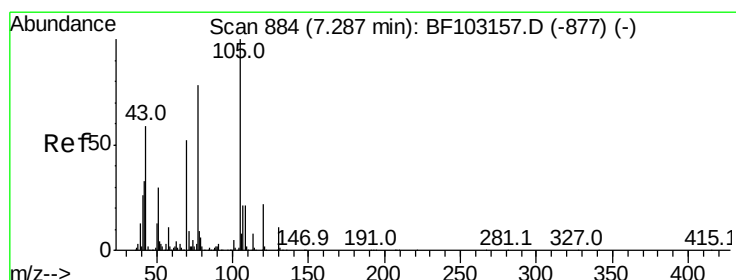
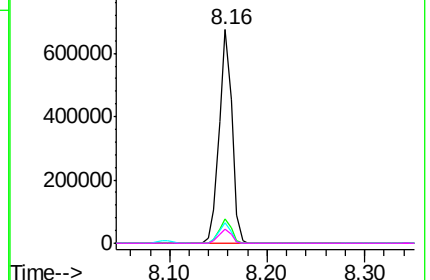
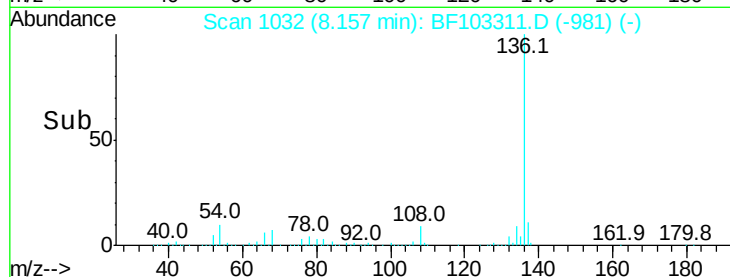


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.932 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:105 Resp: 560466

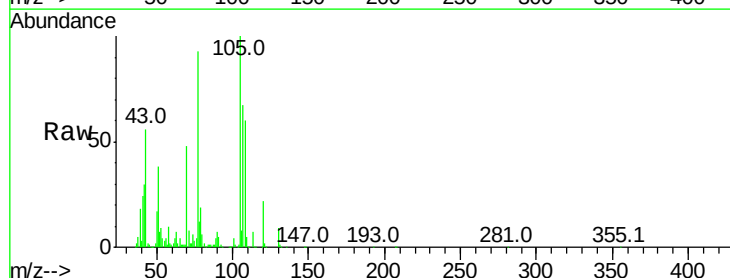
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 37.9 22.3 33.5#

120 21.6 16.9 25.3

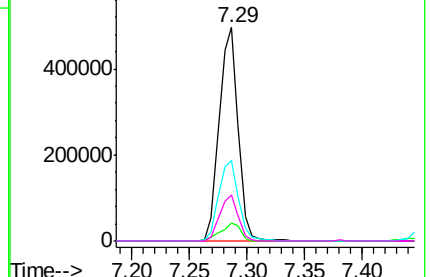
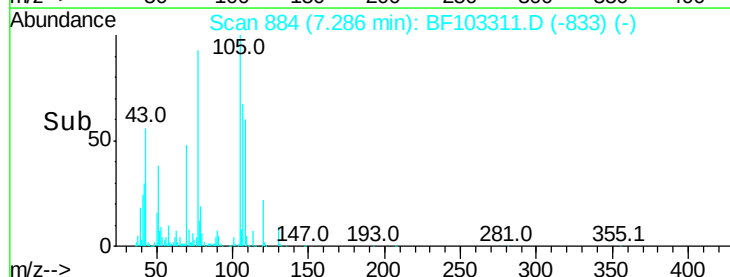


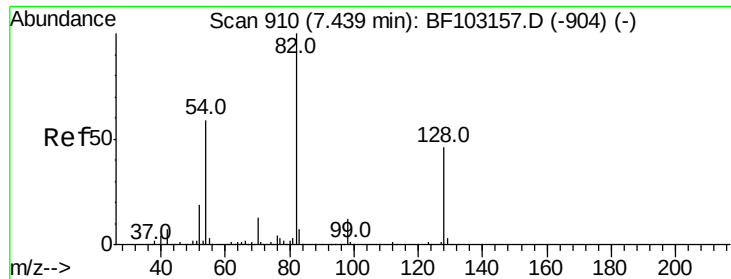
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

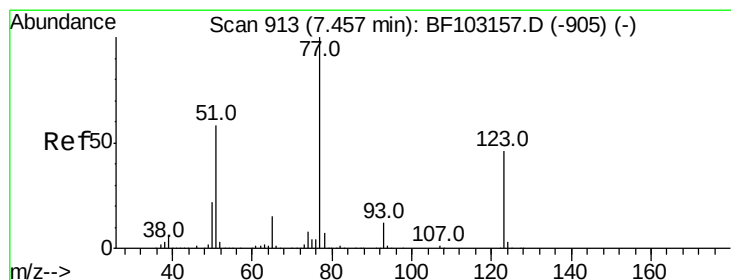
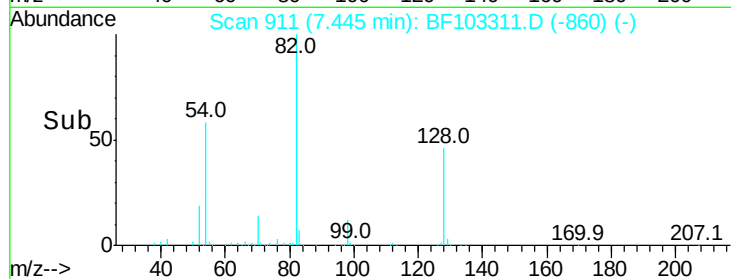
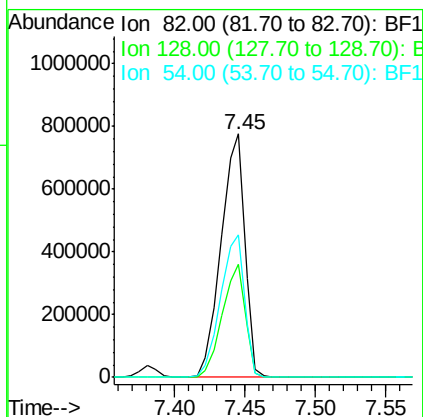
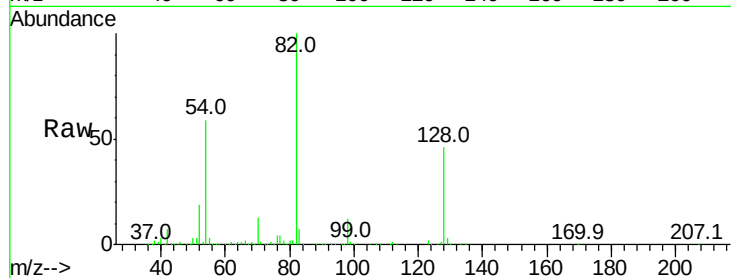




#23
 Nitrobenzene-d5
 Concen: 84.470 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

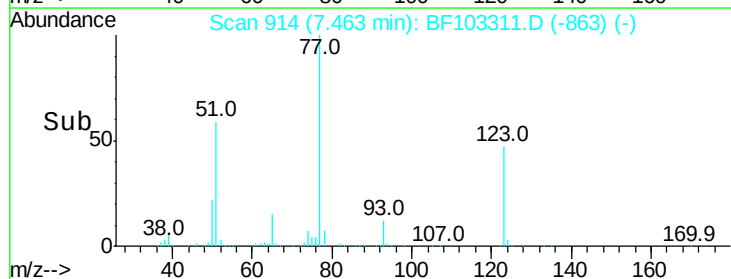
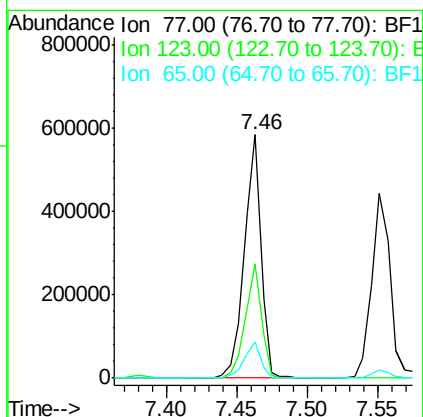
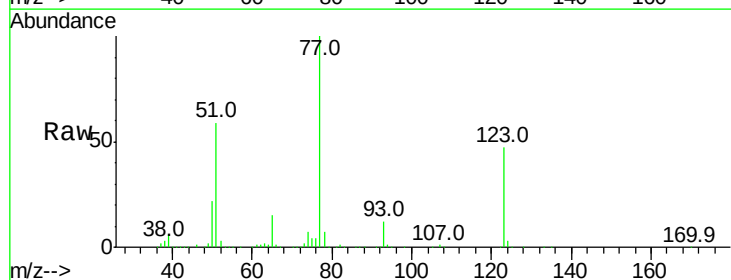
Instrument :
 BNA_F
 ClientSampleId :

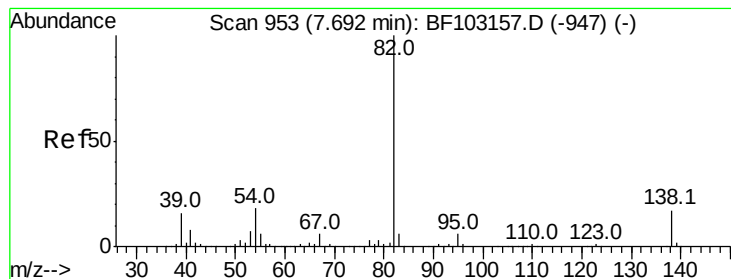
Tot Ion: 82 Resp: 912244
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 58.7 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.336 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion: 77 Resp: 479606
 Ion Ratio Lower Upper
 77 100
 123 46.8 37.9 56.9
 65 14.7 11.0 16.4





#25

Isophorone

Concen: 42.016 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

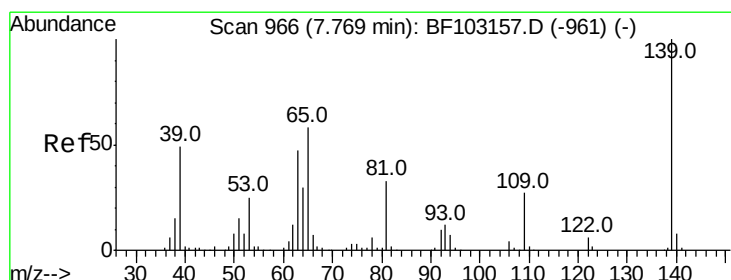
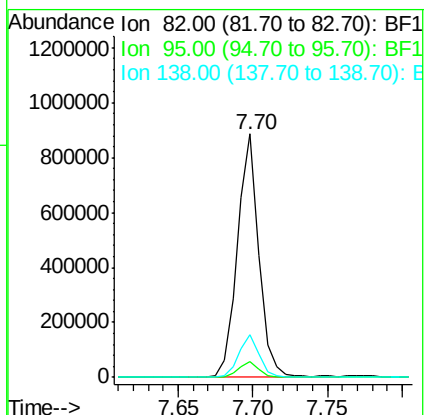
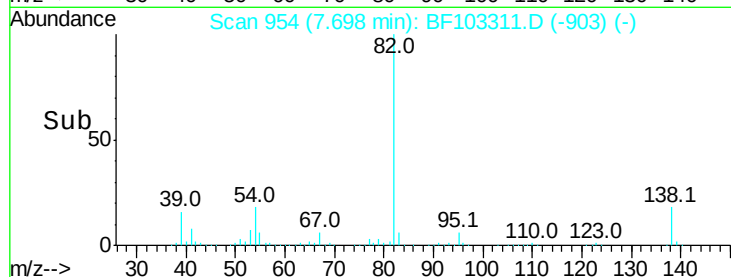
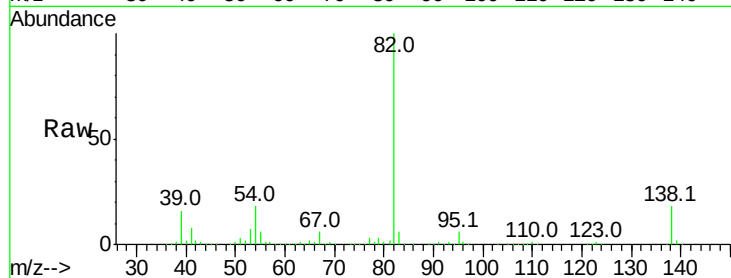
Tot Ion: 82 Resp: 893684

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 40.994 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

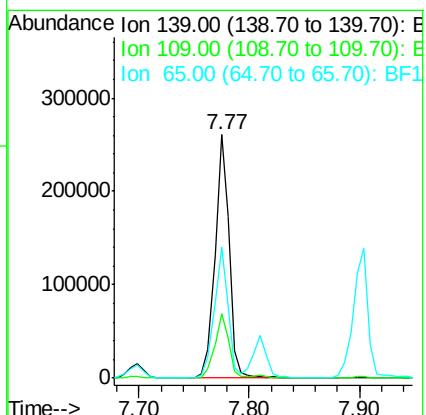
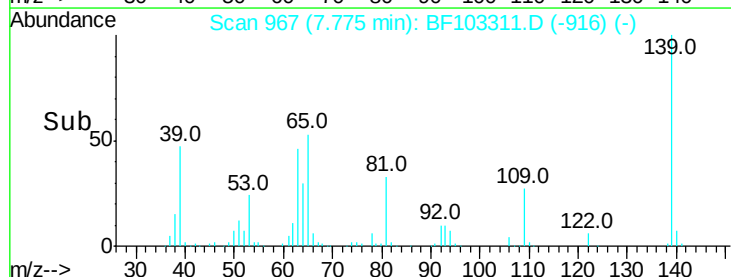
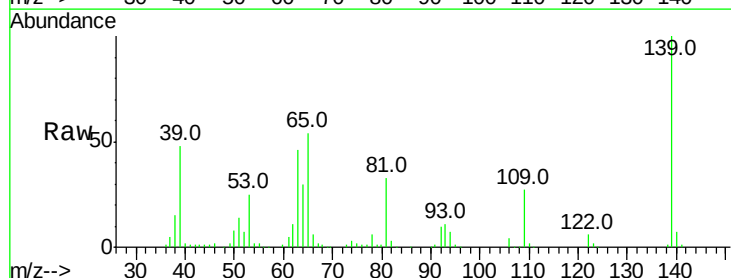
Tgt Ion: 139 Resp: 229465

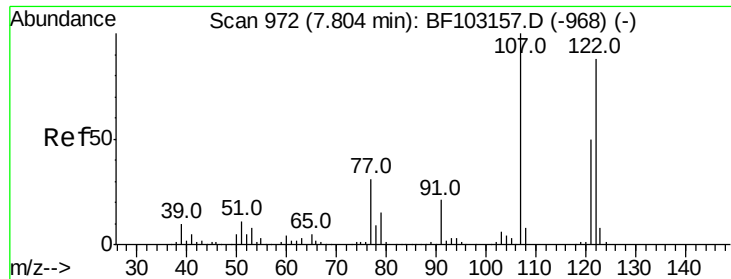
Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

65 53.6 40.5 60.7

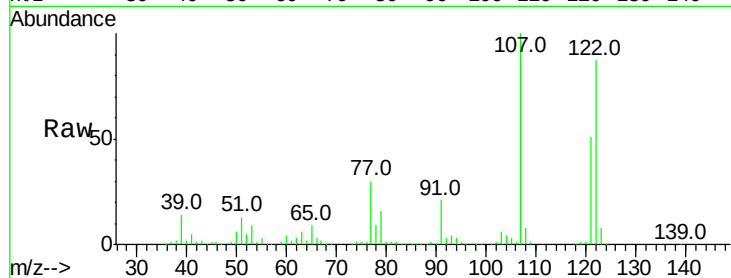




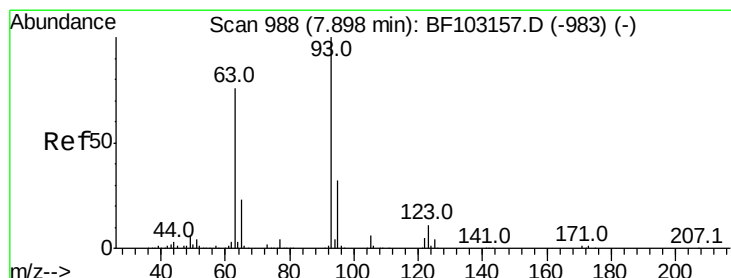
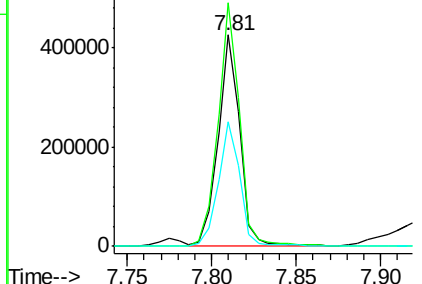
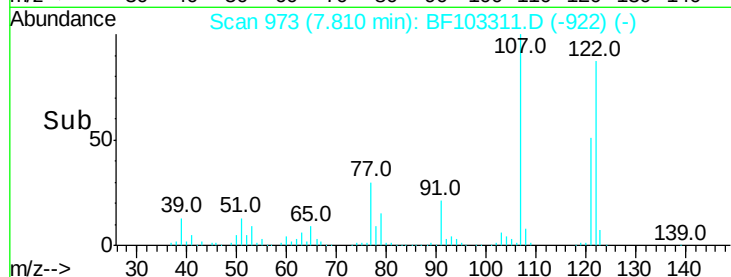
#27
2,4-Dimethylphenol
Concen: 44.306 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 379089
Ion Ratio Lower Upper
122 100
107 115.2 91.2 136.8
121 58.8 47.2 70.8

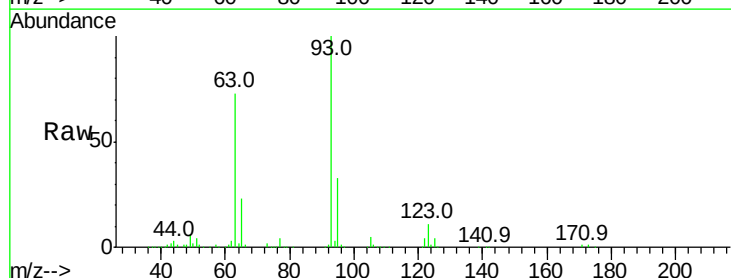


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

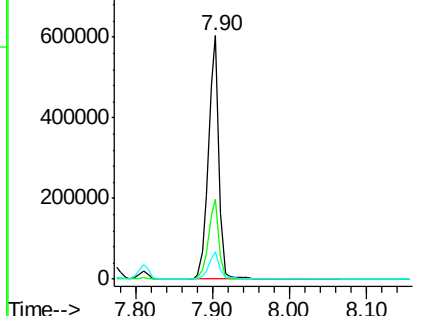
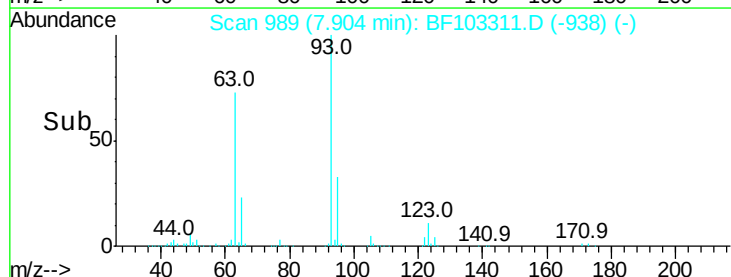


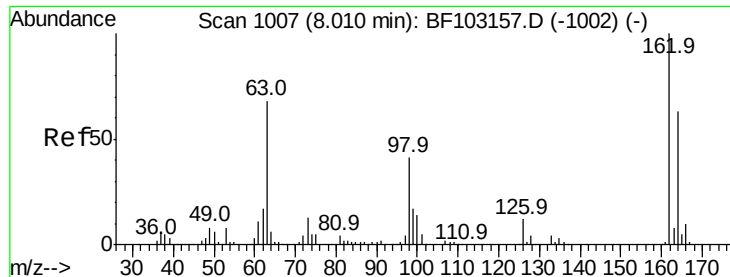
#28
bis(2-Chloroethoxy)methane
Concen: 44.772 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion: 93 Resp: 559904
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.4 9.8 14.6



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

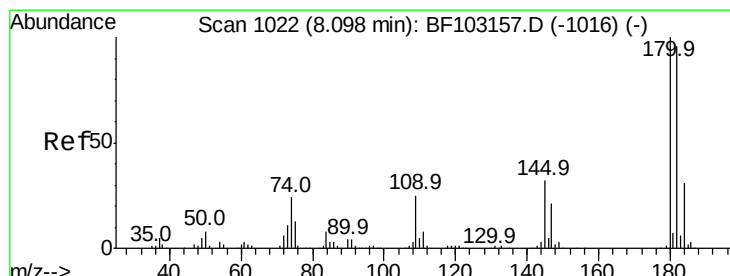
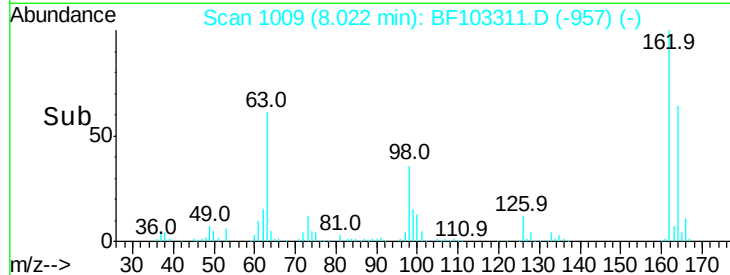
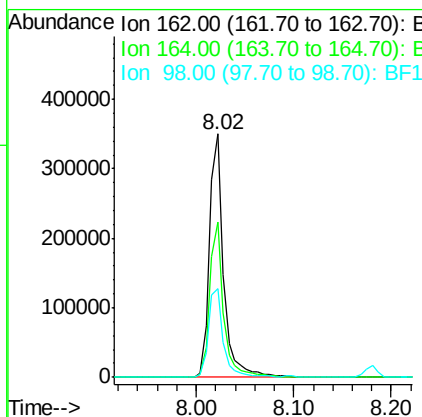
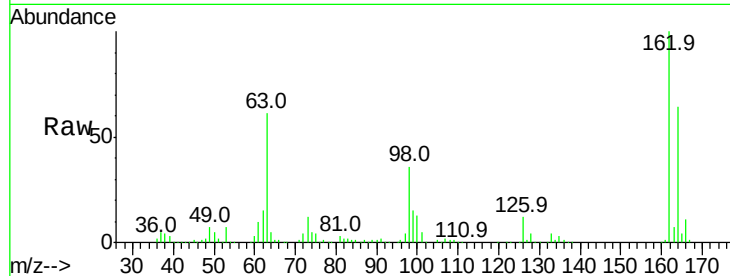




#29
 2,4-Dichlorophenol
 Concen: 43.195 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

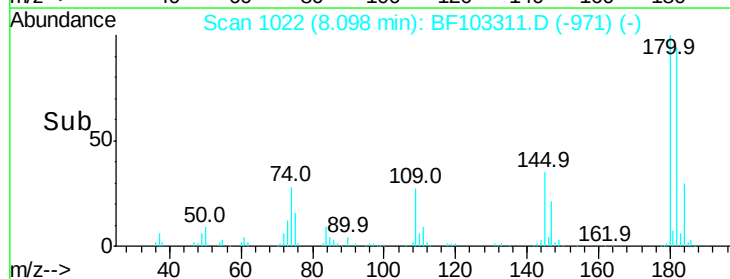
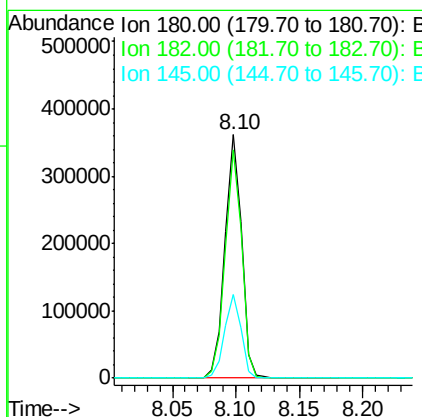
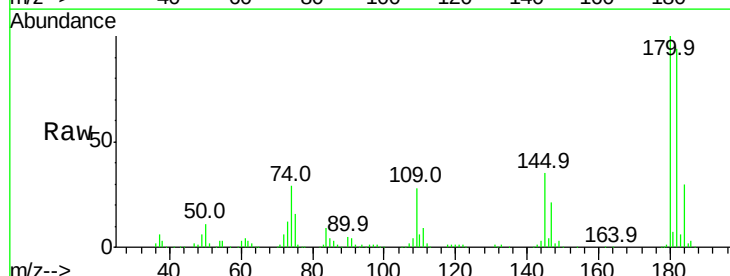
Instrument :
 BNA_F
 ClientSampled :

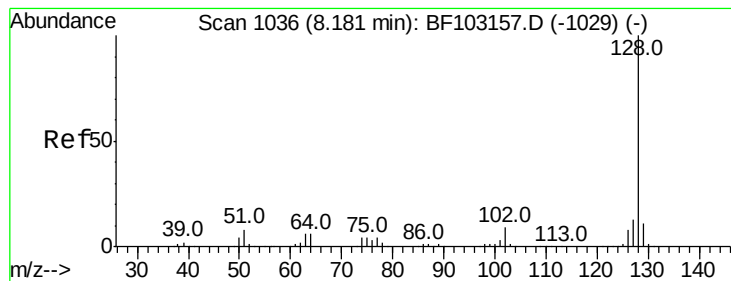
Tot Ion:	162	Resp:	353836
Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	36.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.994 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion:	180	Resp:	331432
Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.8	115.2
145	34.6	26.5	39.7





#31

Naphthalene

Concen: 39.303 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

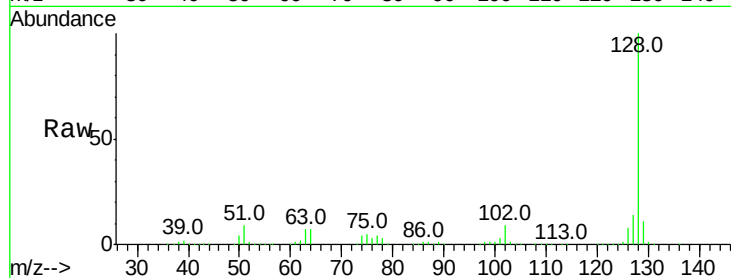
Tot Ion:128 Resp: 1186765

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

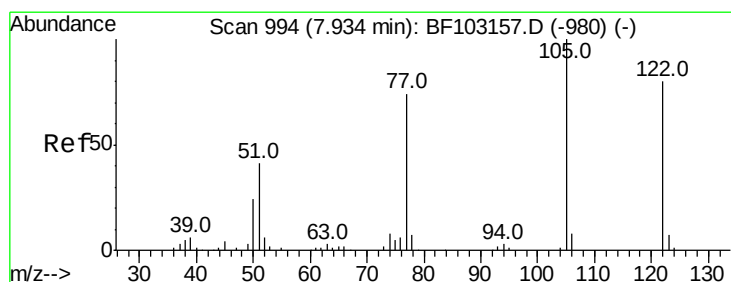
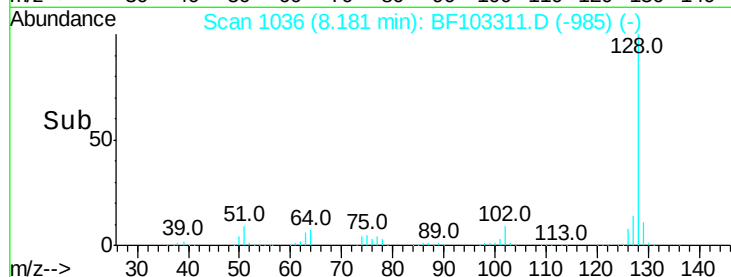
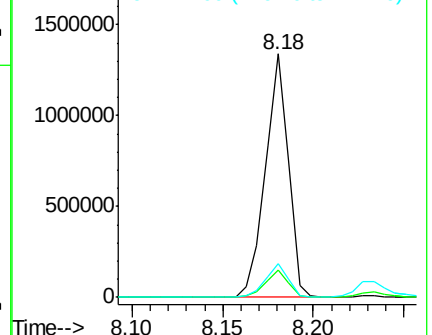
127 13.8 10.9 16.3



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: 19.342 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

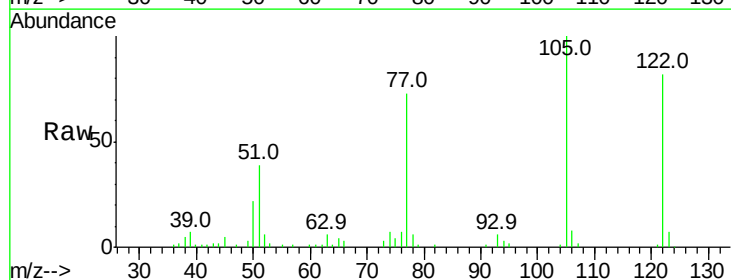
Tgt Ion:122 Resp: 92169

Ion Ratio Lower Upper

122 100

105 121.9 101.1 141.1

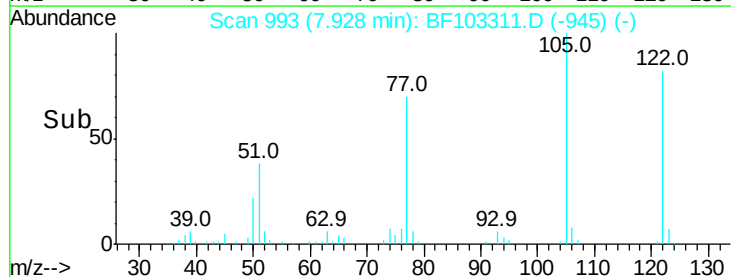
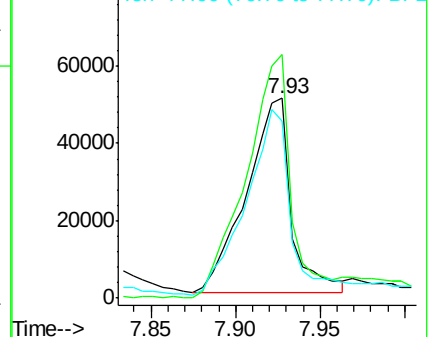
77 88.8 70.7 110.7

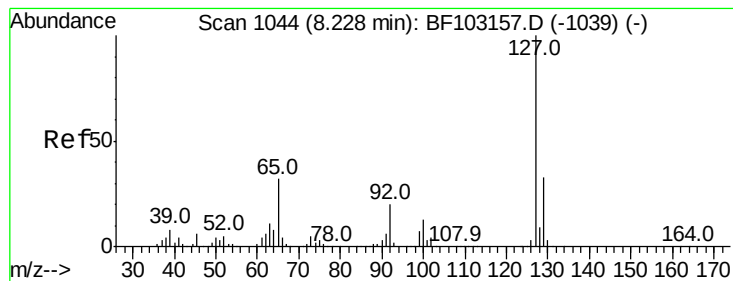


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 9.358 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 121931

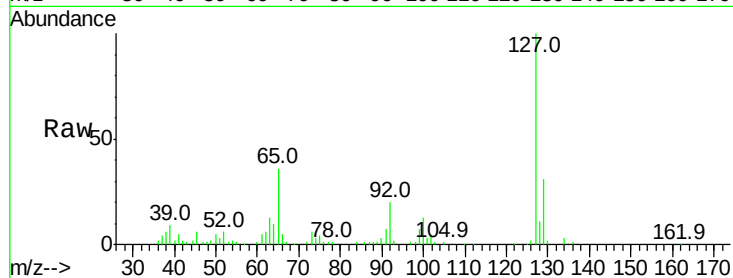
Ion Ratio Lower Upper

127 100

129 30.6 25.9 38.9

65 36.0 25.0 37.4

92 20.1 15.2 22.8

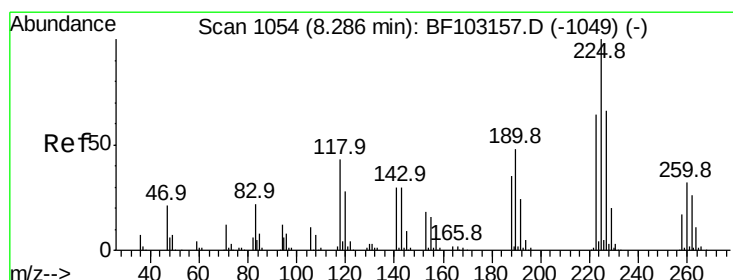
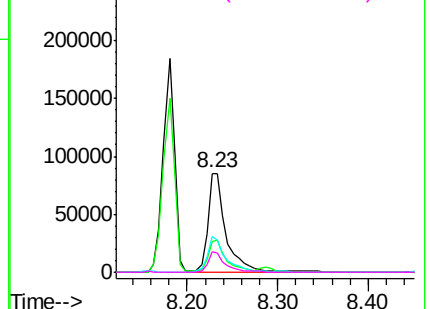
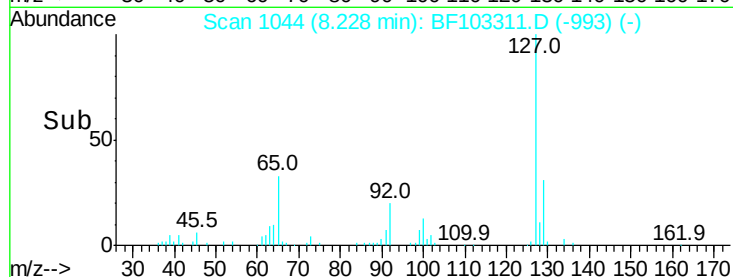


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.321 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

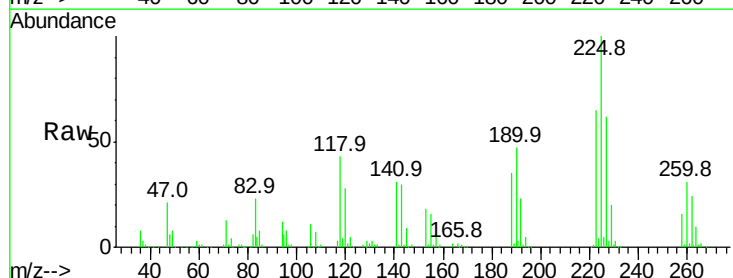
Tgt Ion:225 Resp: 164989

Ion Ratio Lower Upper

225 100

223 65.0 50.6 76.0

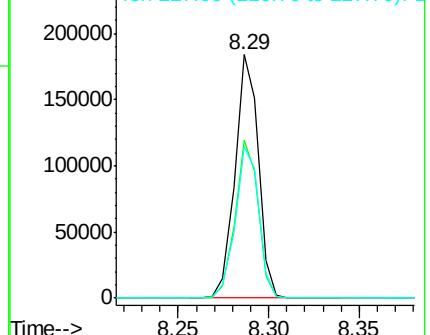
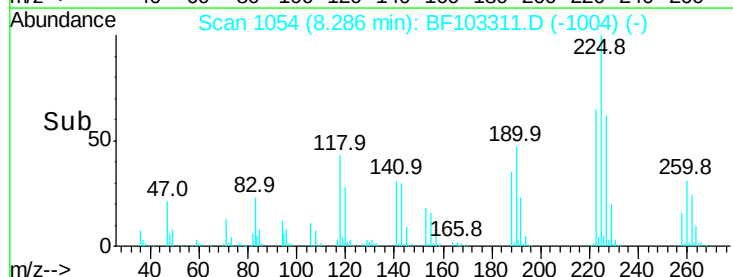
227 62.3 51.9 77.9

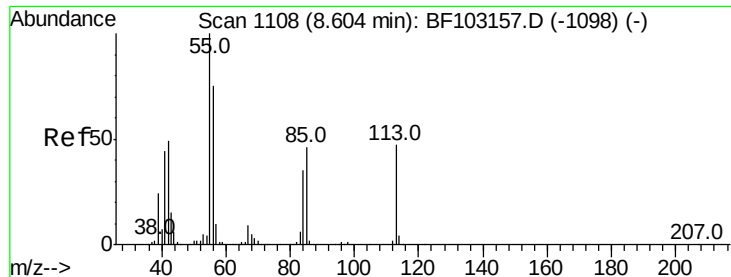


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.864 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

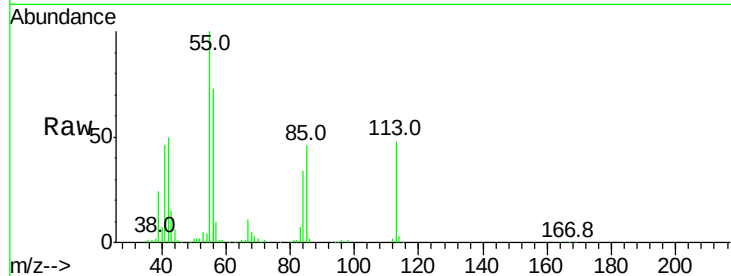
Tot Ion:113 Resp: 120527

Ion Ratio Lower Upper

113 100

55 208.2 163.3 203.3#

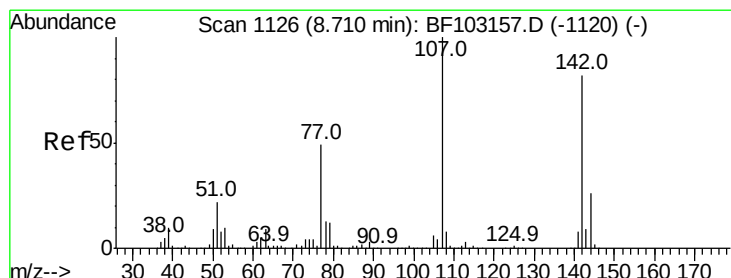
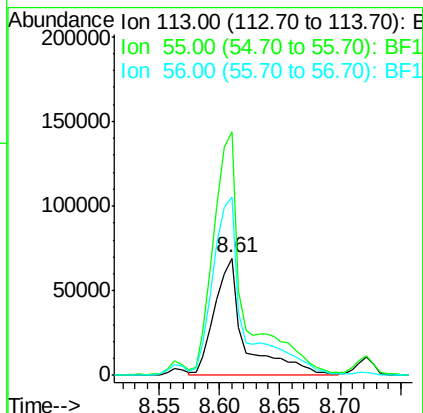
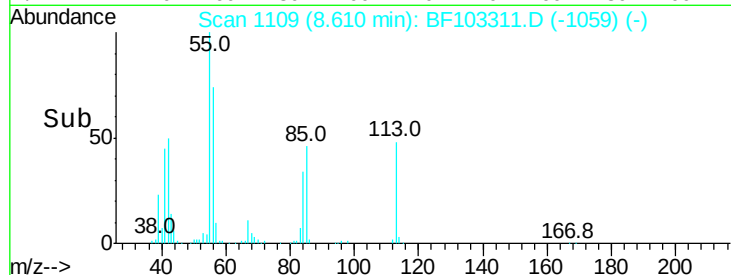
56 152.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.369 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

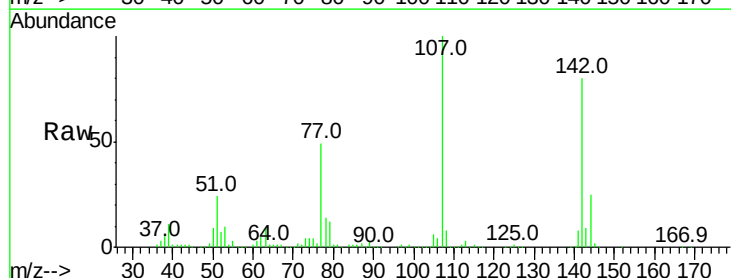
Tgt Ion:107 Resp: 391475

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

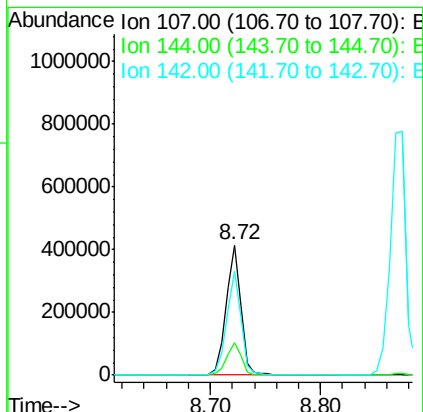
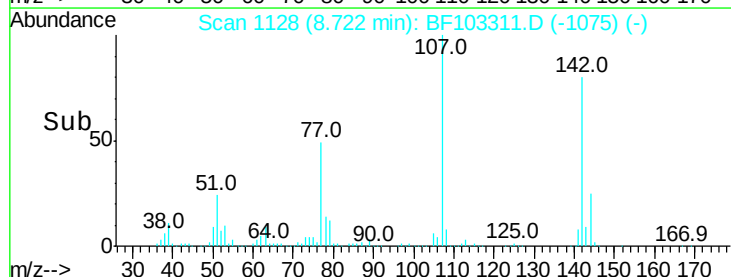
142 79.6 62.0 93.0

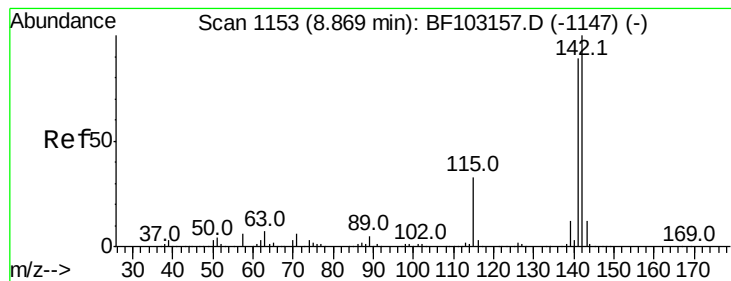


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.653 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampled :

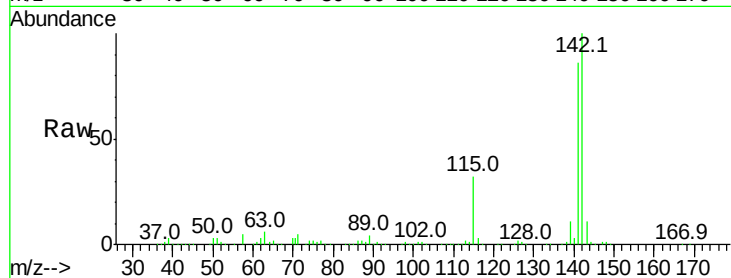
Tot Ion:142 Resp: 773801

Ion Ratio Lower Upper

142 100

141 86.5 70.8 106.2

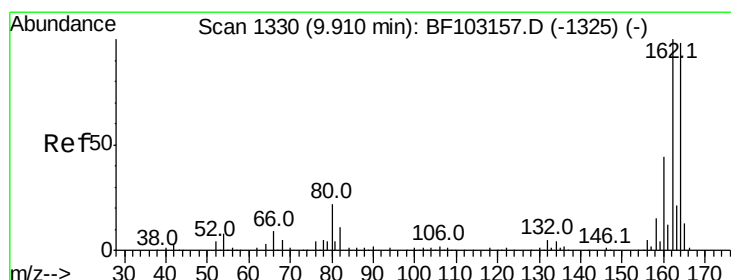
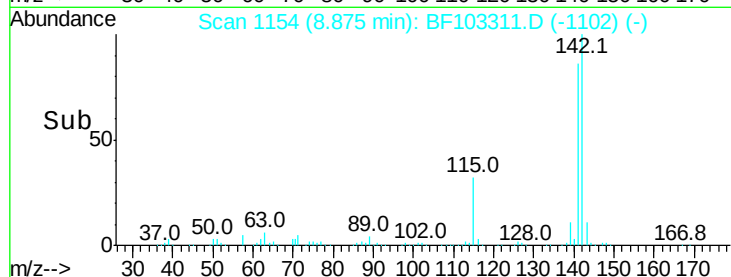
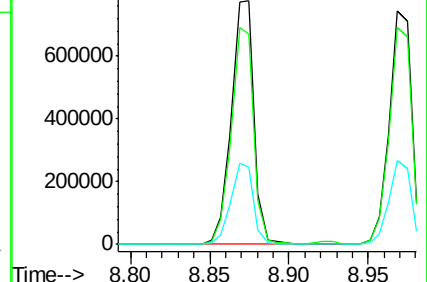
115 31.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

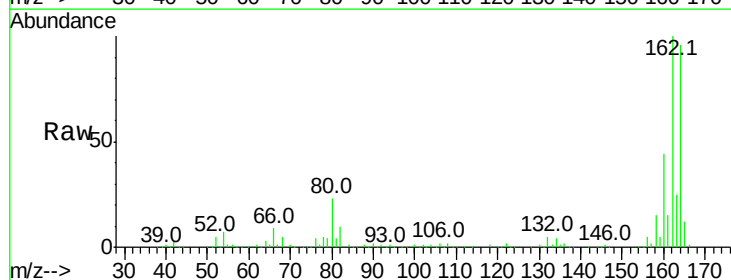
Tgt Ion:164 Resp: 265262

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

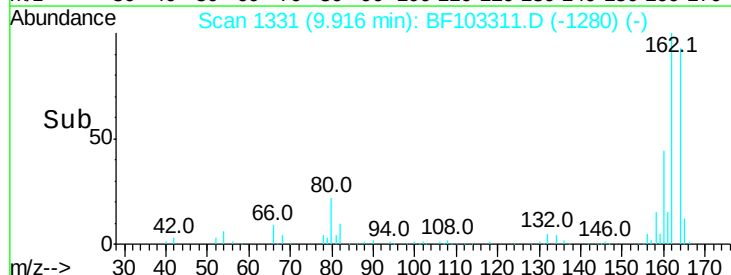
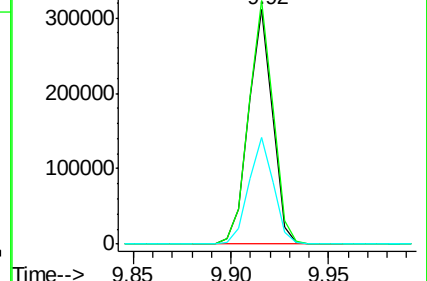
160 45.4 38.3 57.5

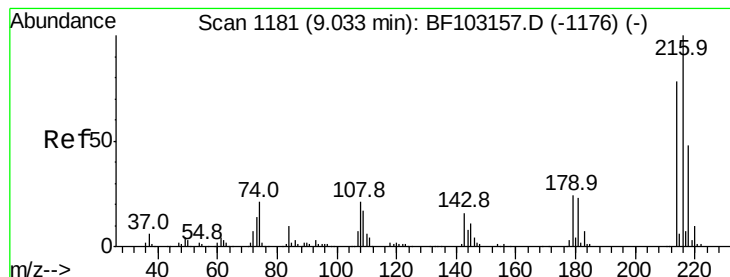


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.437 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 285985

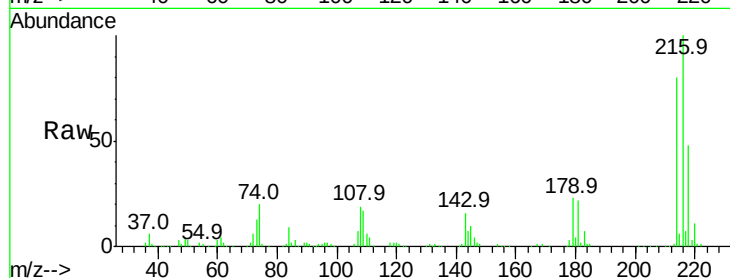
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 23.2 18.1 27.1

108 22.3 17.2 25.8

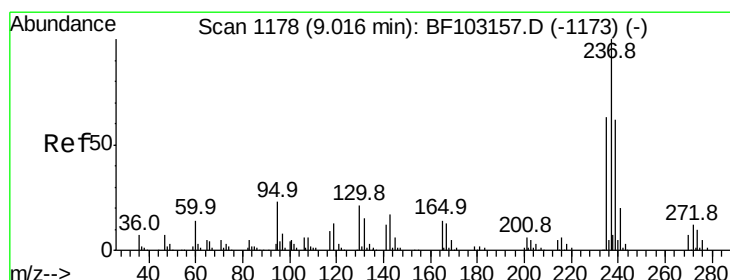
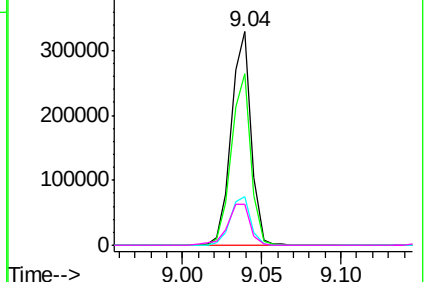
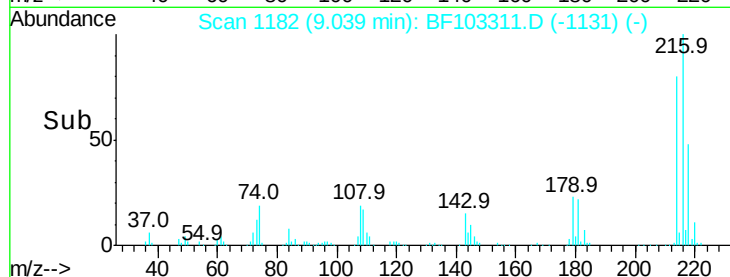


Abundance Ion 216.00 (215.70 to 216.70): E

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: 25.467 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

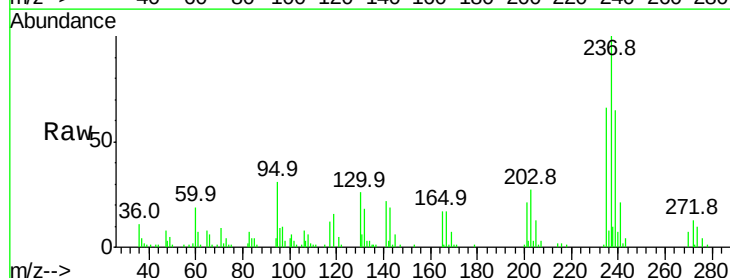
Tgt Ion:237 Resp: 47689

Ion Ratio Lower Upper

237 100

235 65.7 44.8 84.8

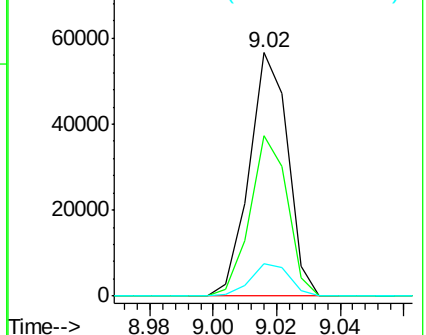
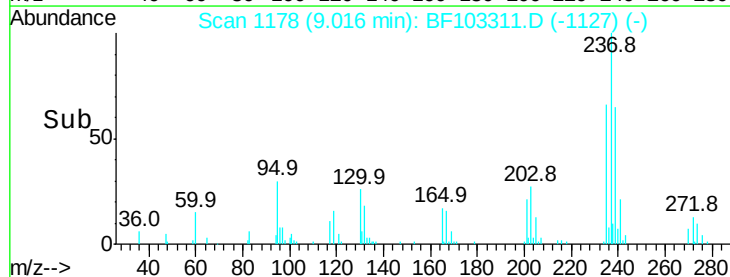
272 13.2 0.0 33.3

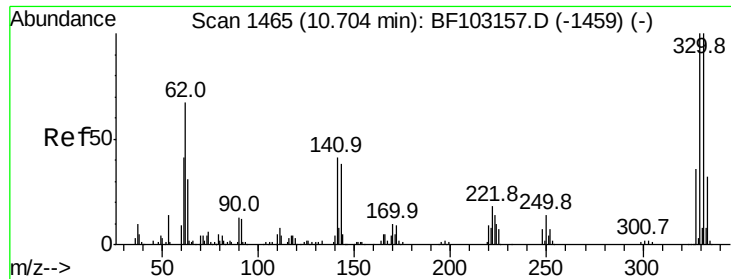


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 109.405 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

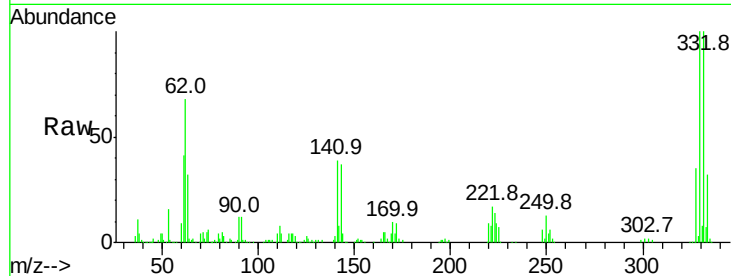
Tot Ion:330 Resp: 245646

Ion Ratio Lower Upper

330 100

332 100.9 77.0 115.6

141 39.1 29.9 44.9



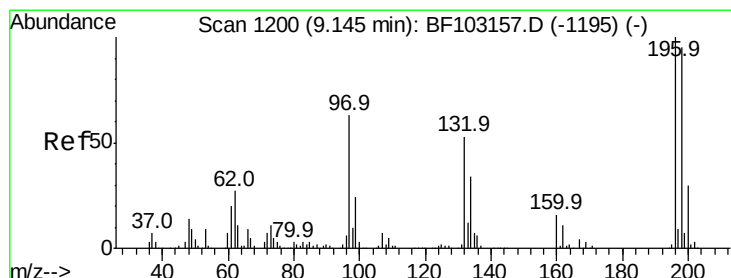
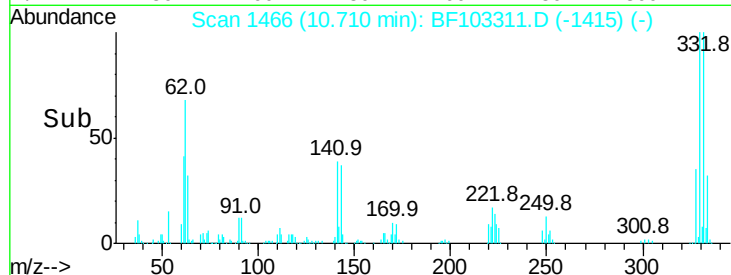
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.71

Time--> 10.60 10.70 10.80



#42

2,4,6-Trichlorophenol

Concen: 42.803 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

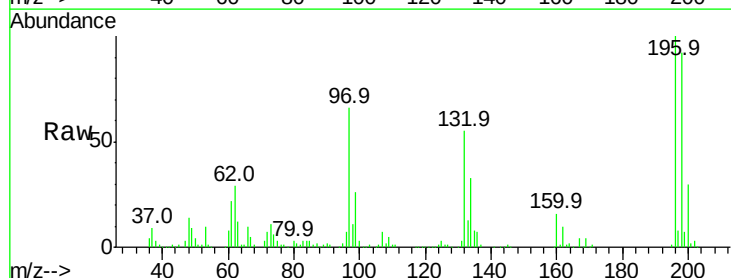
Tgt Ion:196 Resp: 208858

Ion Ratio Lower Upper

196 100

198 91.8 75.7 113.5

200 30.3 24.5 36.7



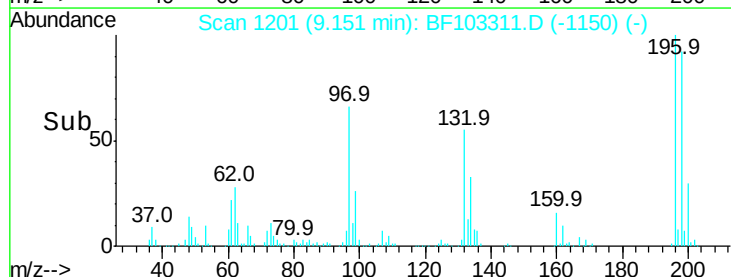
Abundance Ion 196.00 (195.70 to 196.70): E

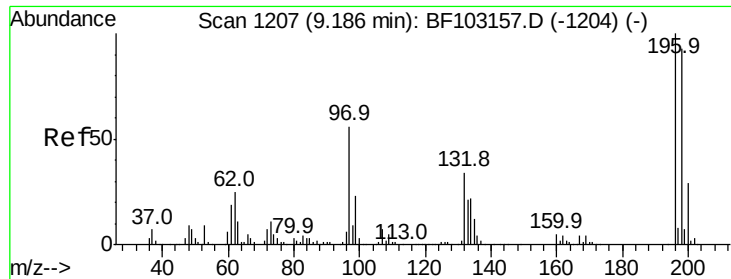
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

9.15

Time--> 9.10 9.15 9.20

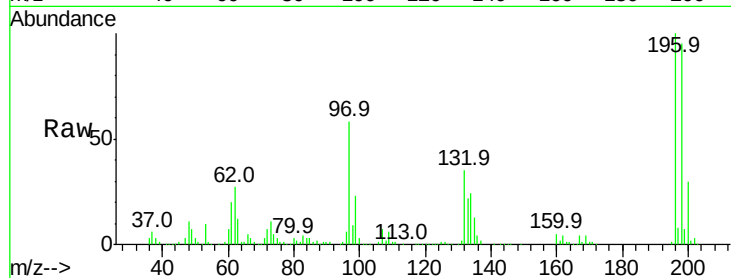




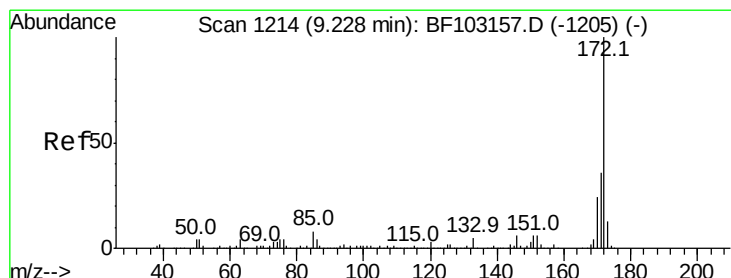
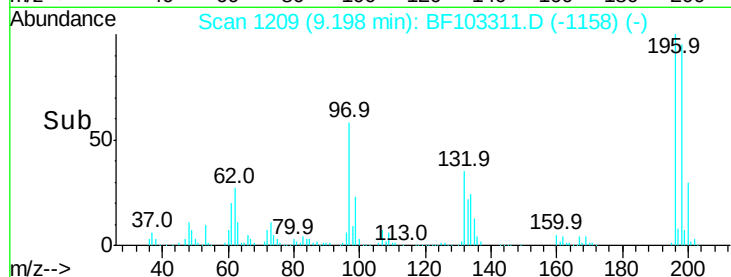
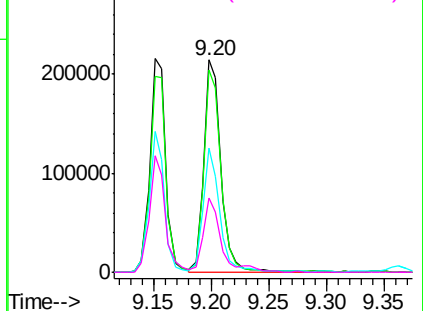
#43
 2,4,5-Trichlorophenol
 Concen: 39.463 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 221474
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.6 112.0
 97 58.4 42.9 64.3
 132 34.8 26.3 39.5

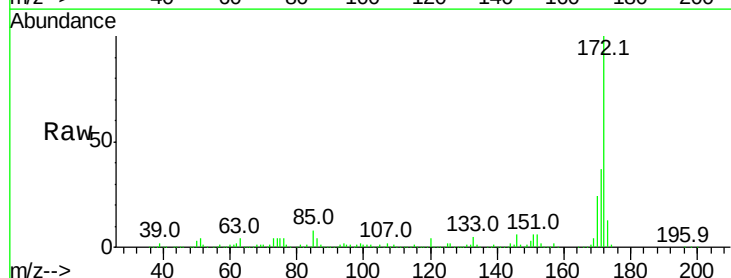


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

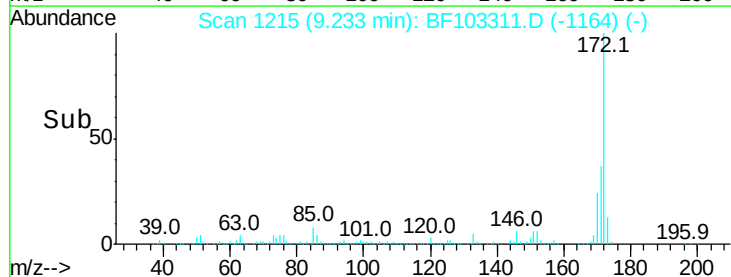
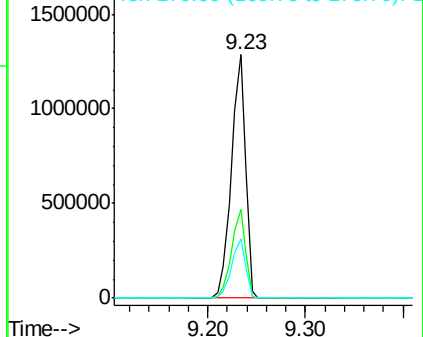


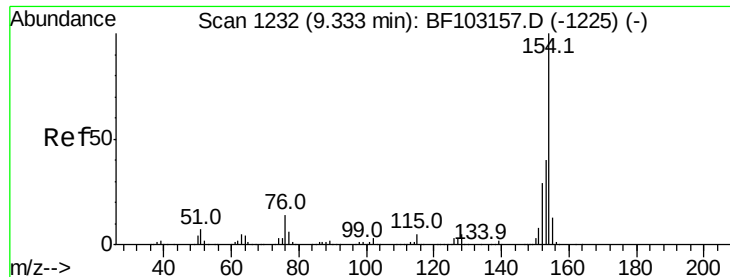
#44
 2-Fluorobiphenyl
 Concen: 84.111 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion:172 Resp: 1298607
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.4 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

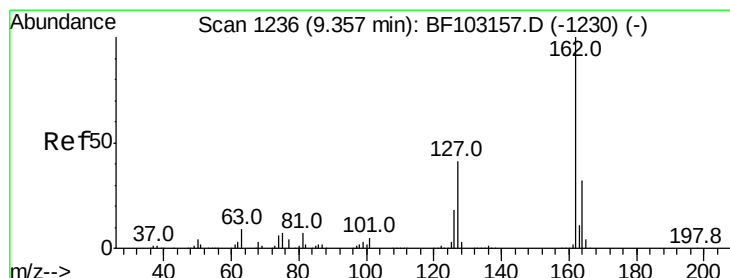
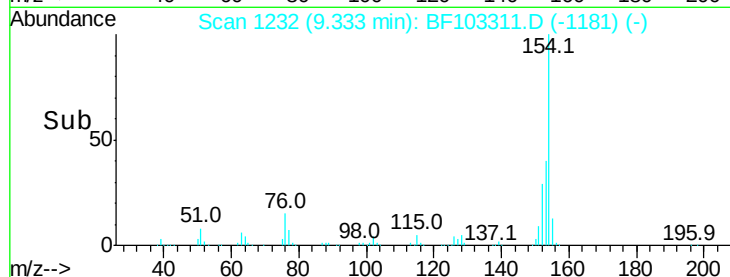
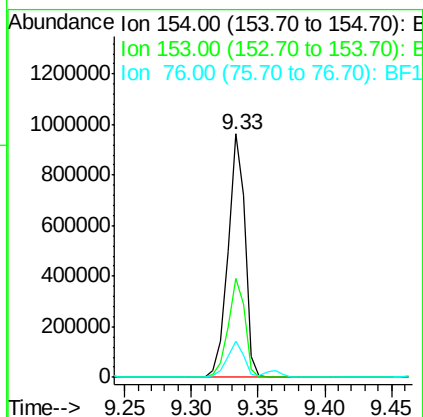
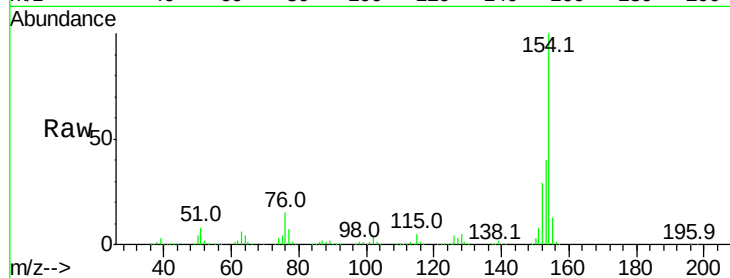




#45
 1,1'-Biphenyl
 Concen: 38.914 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

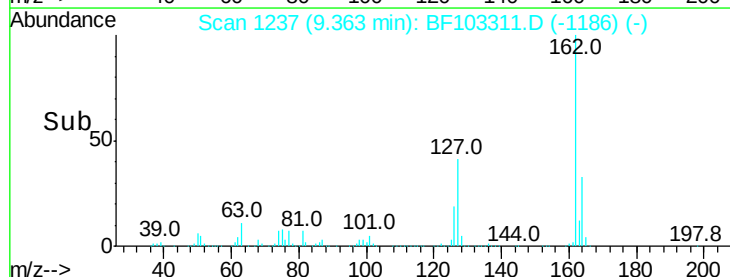
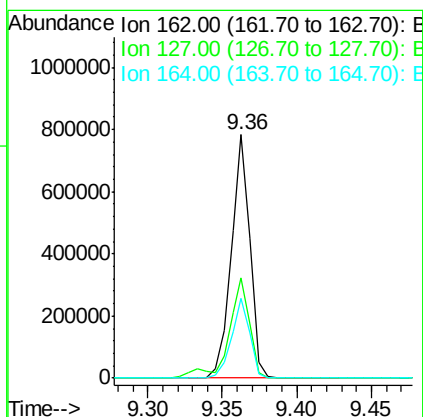
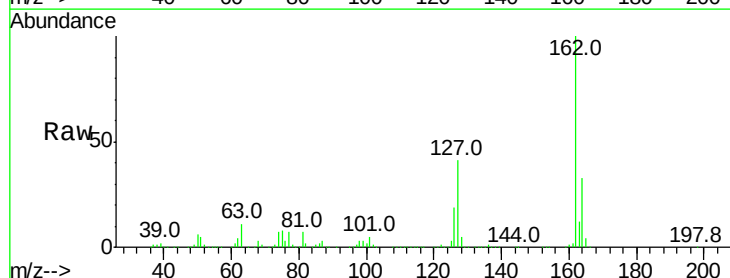
Instrument :
 BNA_F
 ClientSampleId :

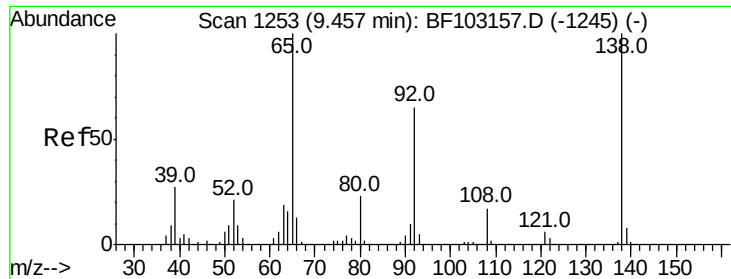
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	14.7	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.363 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.9	50.9
164	32.9	26.5	39.7





#47

2-Nitroaniline

Concen: 43.862 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

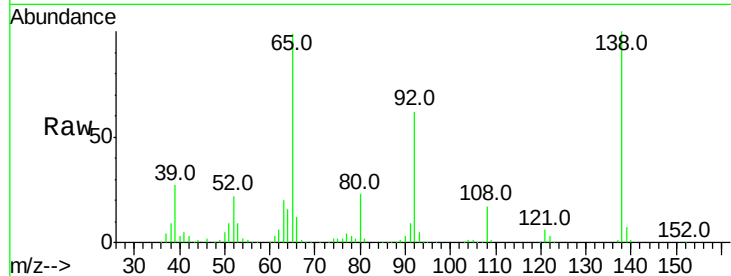
Tot Ion: 65 Resp: 285708

Ion Ratio Lower Upper

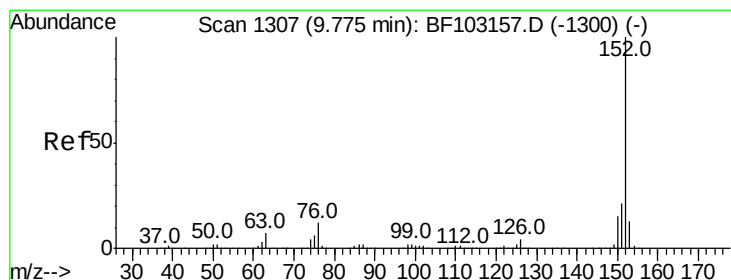
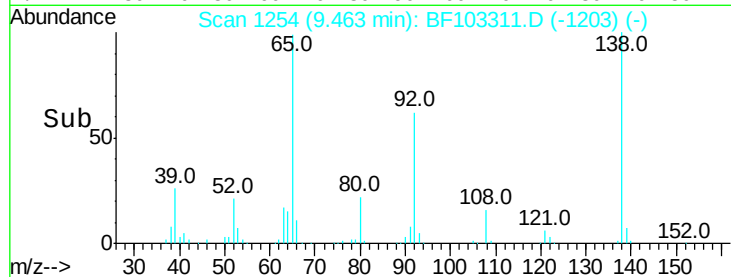
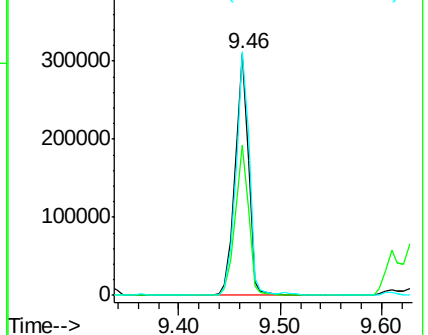
65 100

92 62.3 55.8 83.6

138 100.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 38.575 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

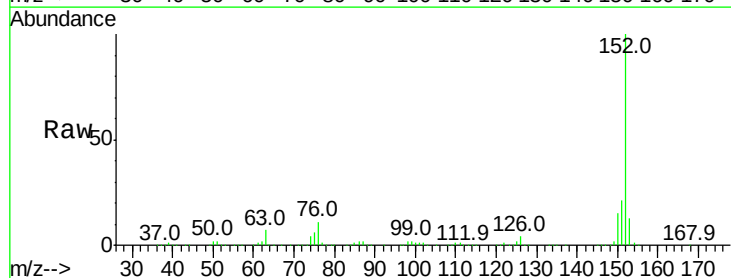
Tgt Ion: 152 Resp: 1043690

Ion Ratio Lower Upper

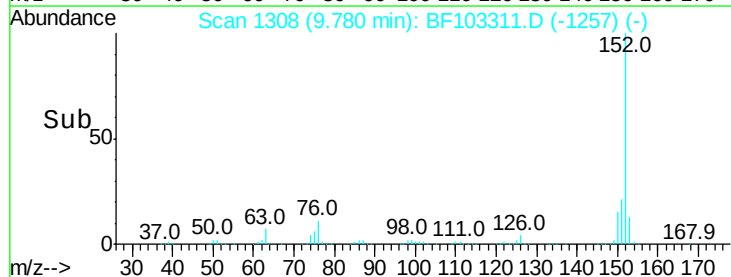
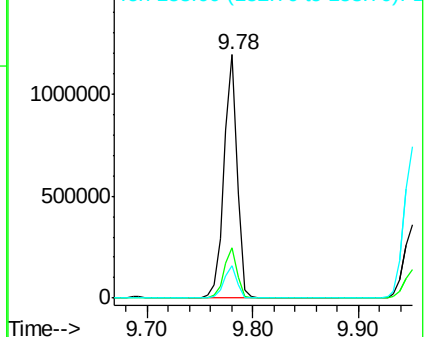
152 100

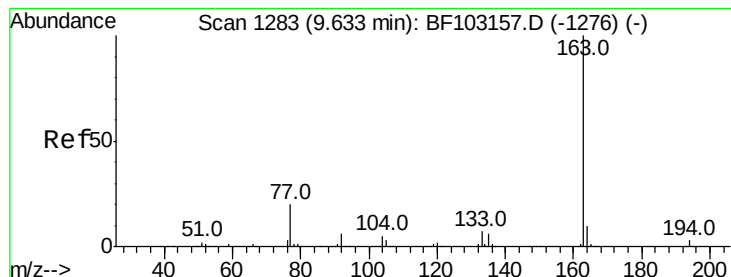
151 20.6 16.3 24.5

153 13.3 10.7 16.1



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





#49

Dimethylphthalate

Concen: 44.787 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampled :

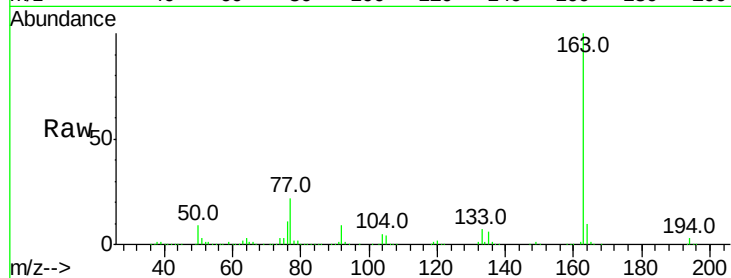
Tot Ion:163 Resp: 953061

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

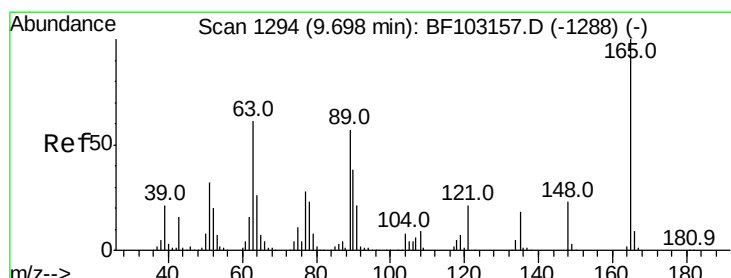
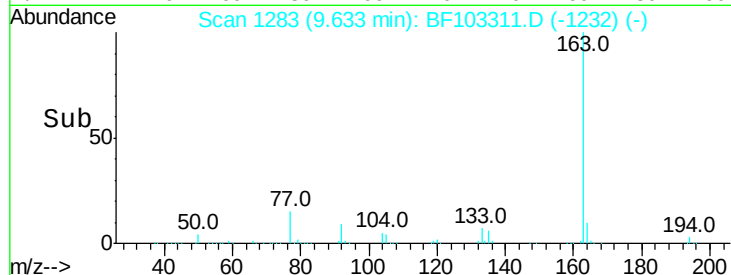
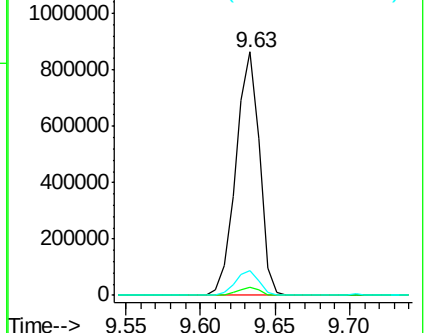
164 10.1 8.2 12.2



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: 40.593 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

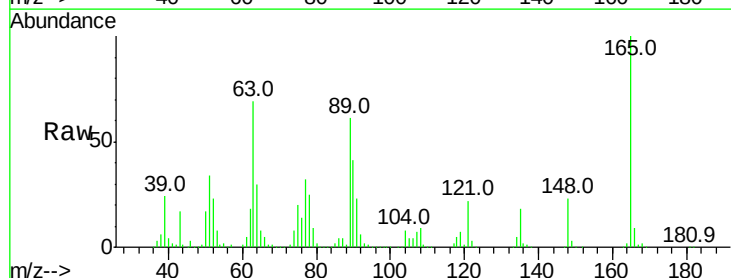
Tgt Ion:165 Resp: 181272

Ion Ratio Lower Upper

165 100

63 69.1 44.7 67.1#

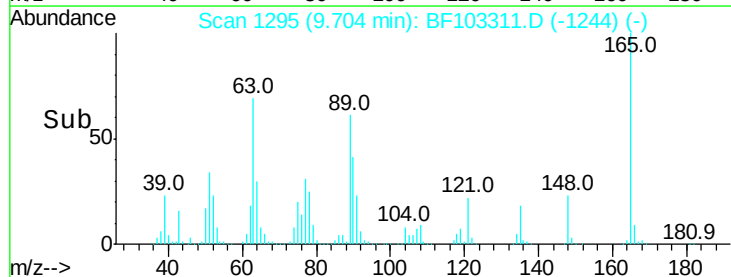
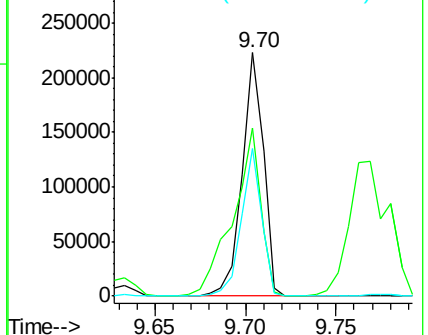
89 60.6 44.0 66.0

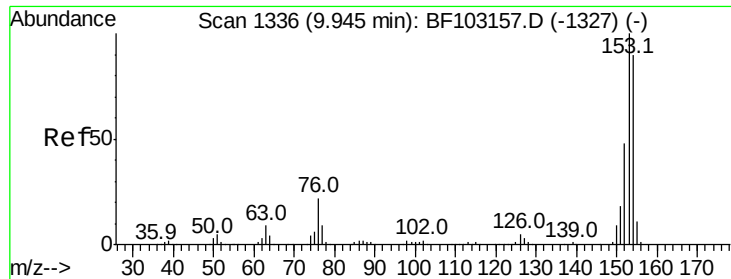


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.203 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampled :

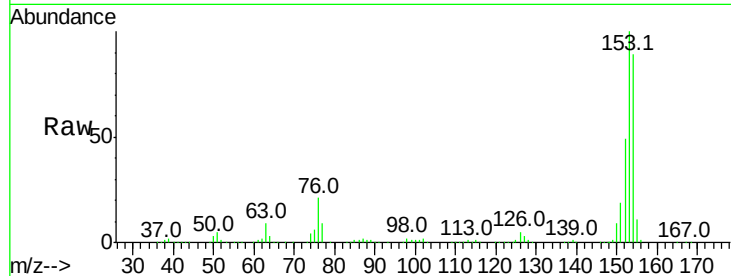
Tot Ion:154 Resp: 602727

Ion Ratio Lower Upper

154 100

153 112.0 91.2 136.8

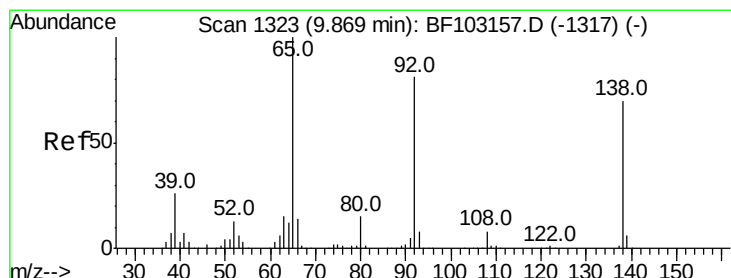
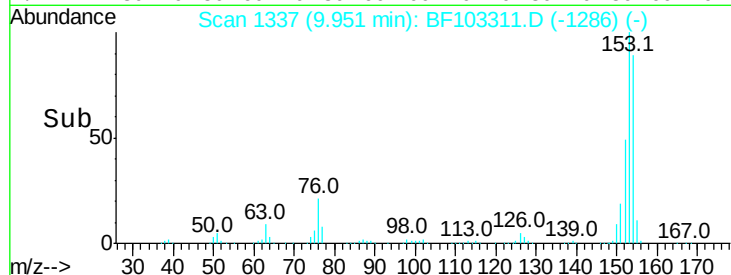
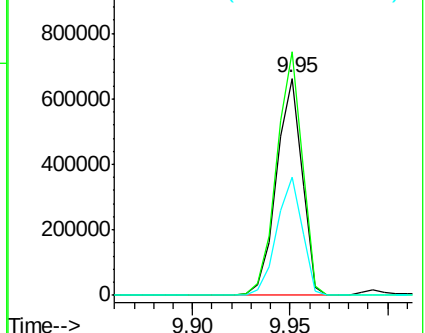
152 54.7 43.8 65.8



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: 23.524 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

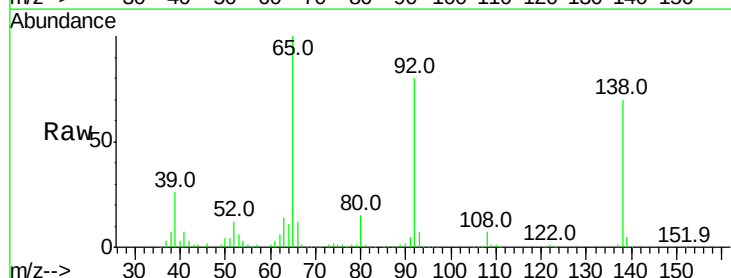
Tgt Ion:138 Resp: 133276

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

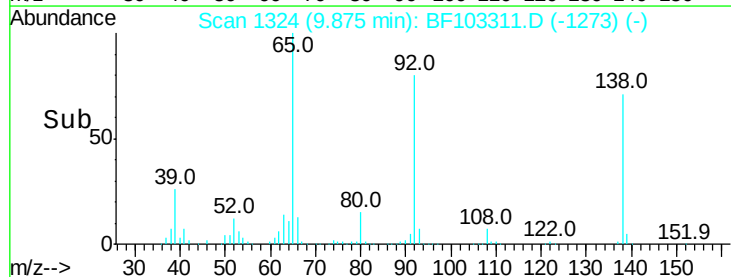
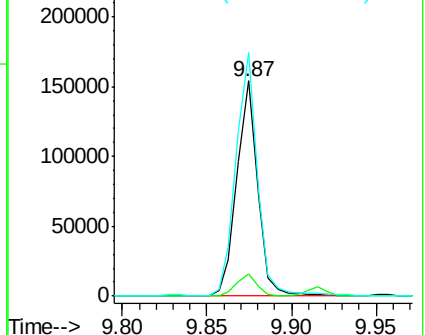
92 113.1 89.4 134.2

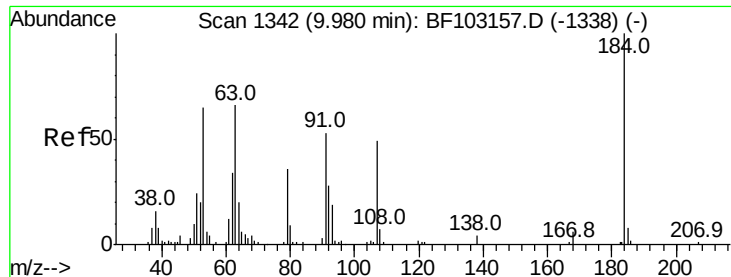


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

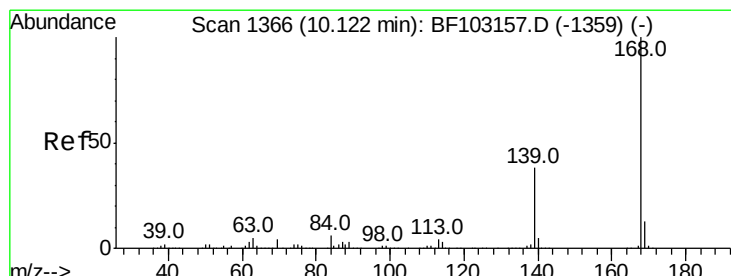
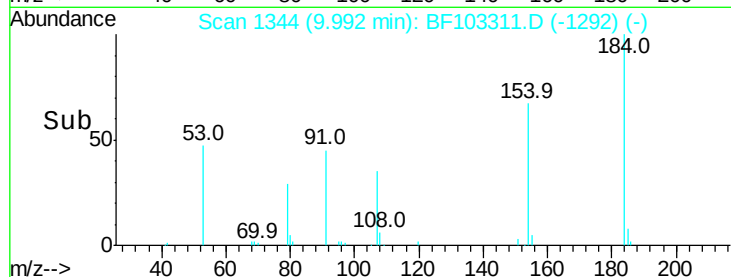
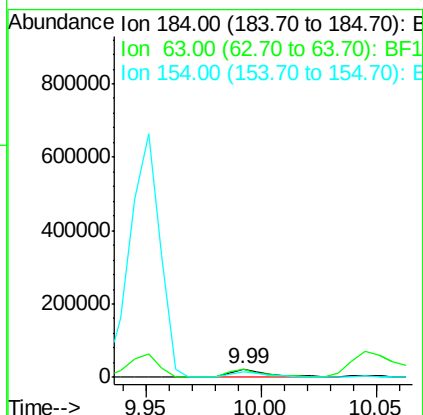
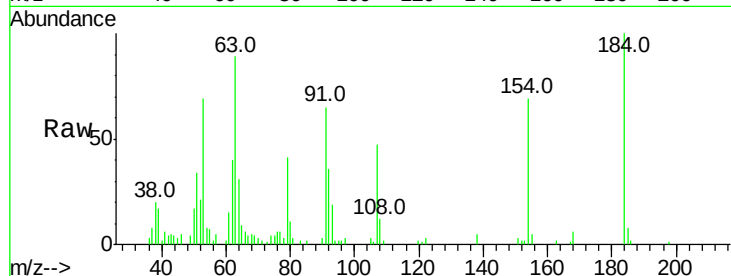




#53
 2,4-Dinitrophenol
 Concen: 24.902 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

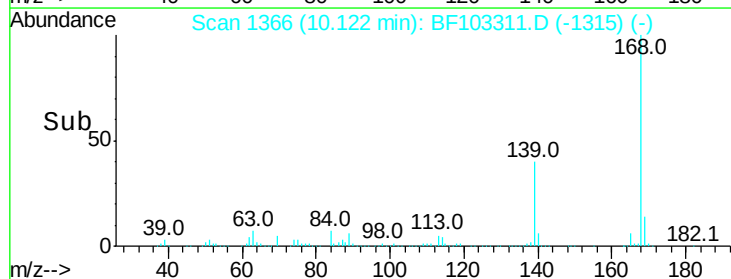
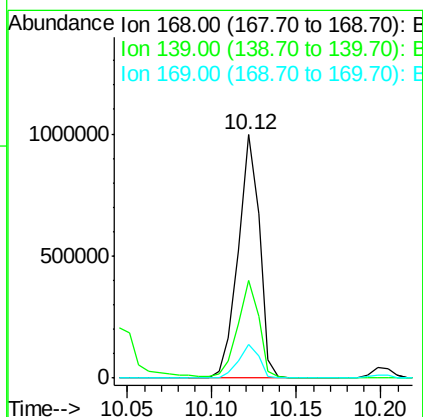
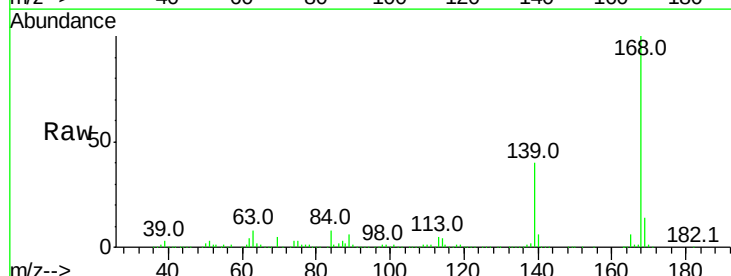
Instrument :
 BNA_F
 ClientSampleId :

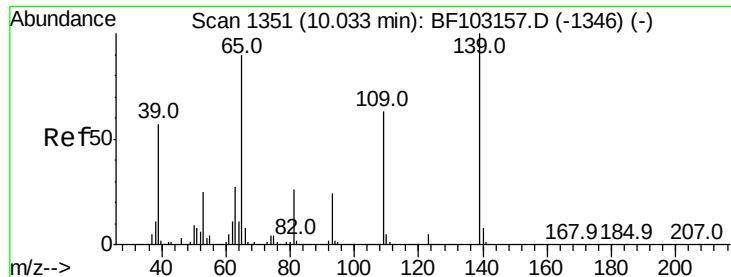
Tot Ion:184 Resp: 28019
 Ion Ratio Lower Upper
 184 100
 63 88.5 54.2 81.2#
 154 69.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.327 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion:168 Resp: 873383
 Ion Ratio Lower Upper
 168 100
 139 40.0 30.1 45.1
 169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 67.989 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

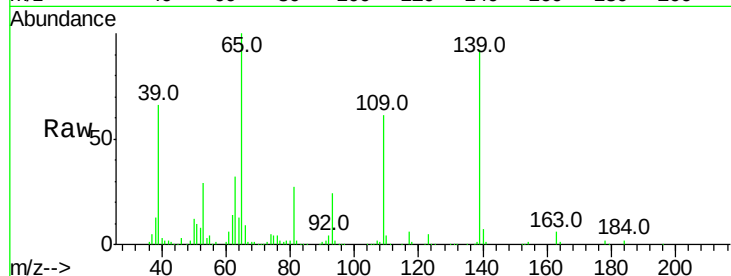
Tot Ion:139 Resp: 238736

Ion Ratio Lower Upper

139 100

109 66.1 48.4 88.4

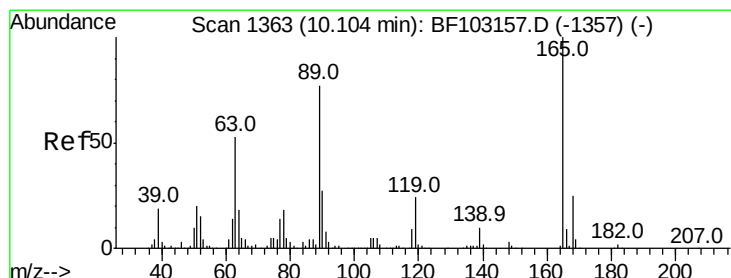
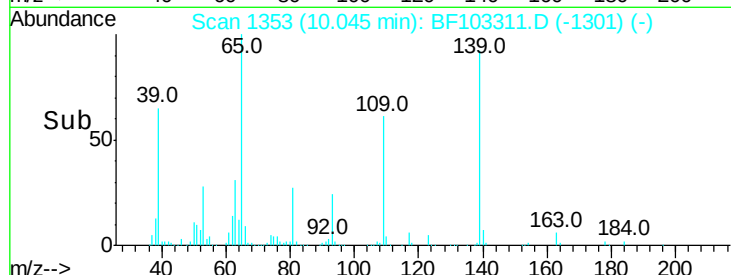
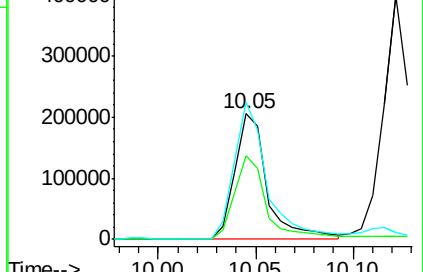
65 109.1 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 39.288 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:165 Resp: 221891

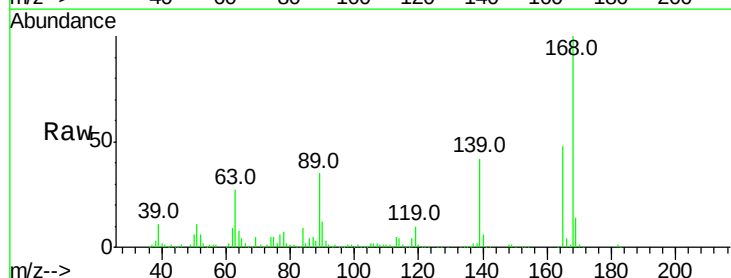
Ion Ratio Lower Upper

165 100

63 57.6 36.4 54.6#

89 73.6 57.8 86.6

182 2.4 1.6 2.4

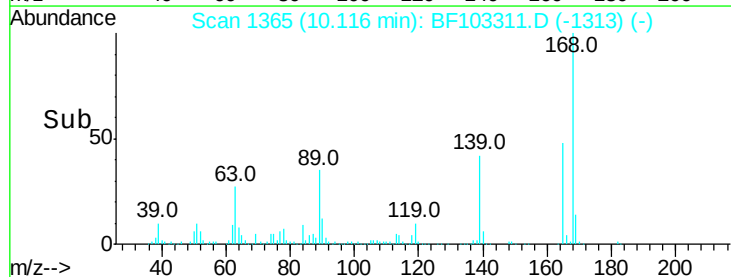
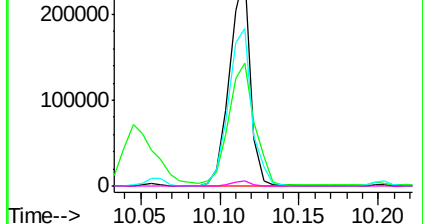


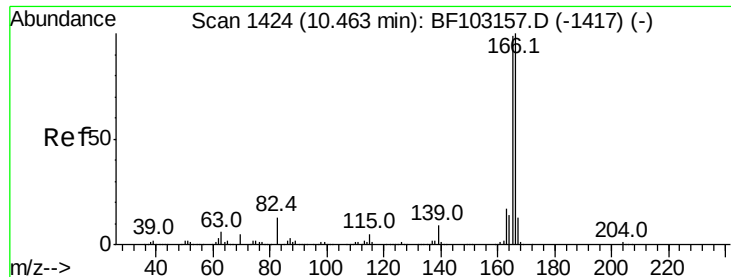
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.177 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

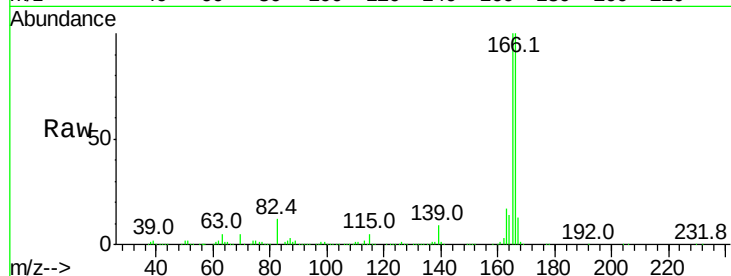
Tot Ion:166 Resp: 685899

Ion Ratio Lower Upper

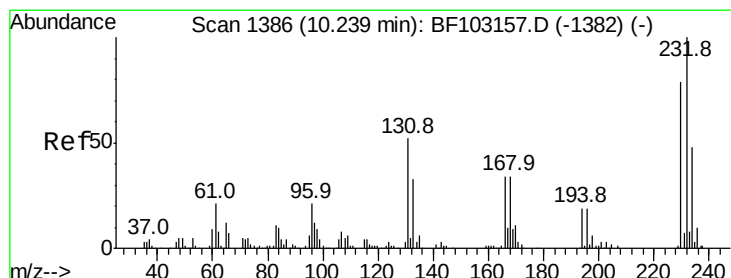
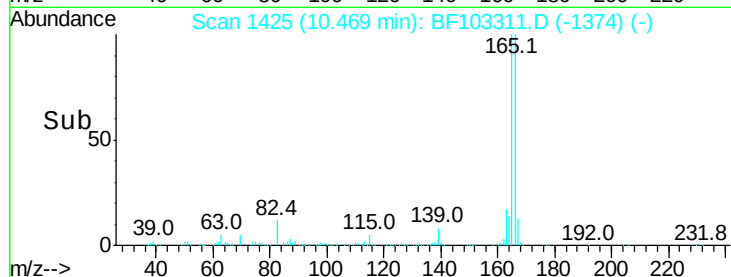
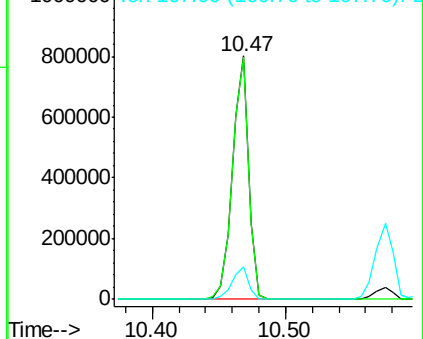
166 100

165 99.6 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: 40.620 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:232 Resp: 153140

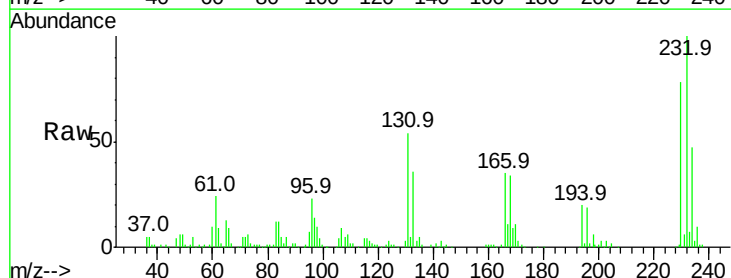
Ion Ratio Lower Upper

232 100

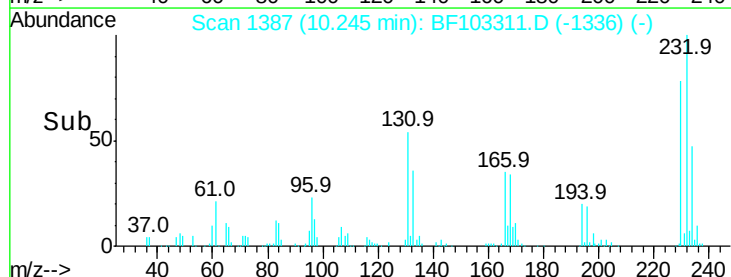
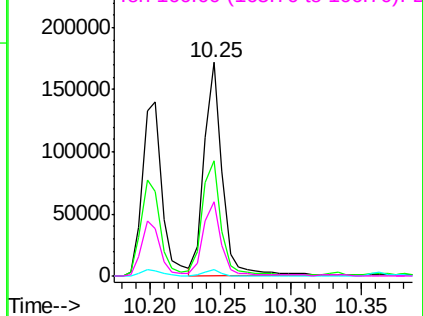
131 56.7 43.8 65.8

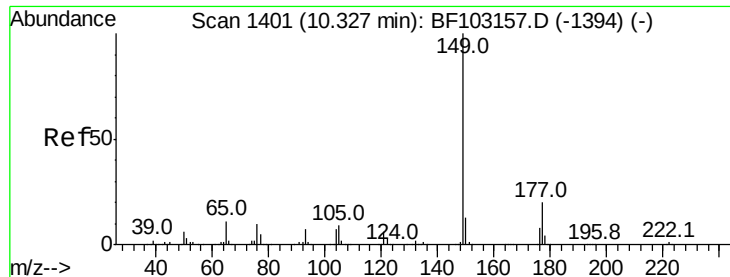
130 2.7 2.1 3.1

166 35.2 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

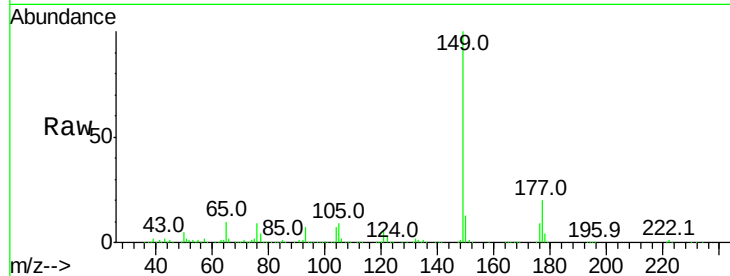




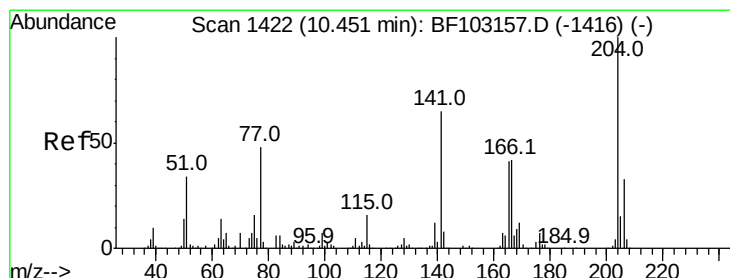
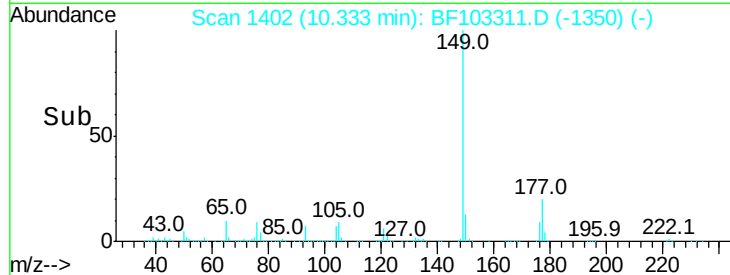
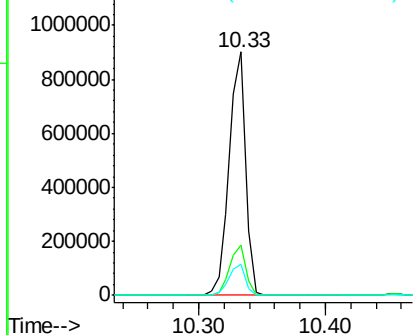
#59
Diethylphthalate
Concen: 39.706 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 808106
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.5 10.1 15.1

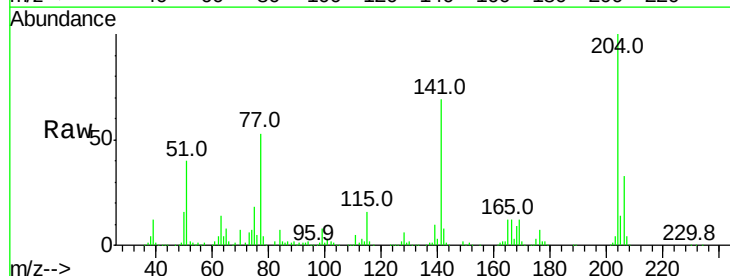


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

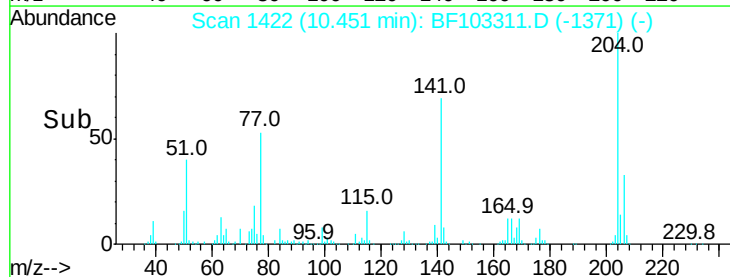
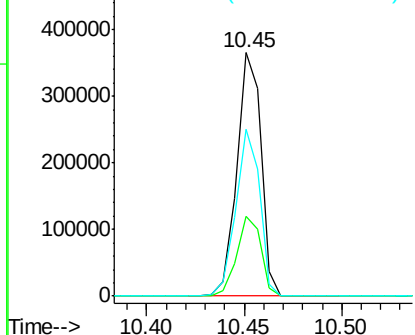


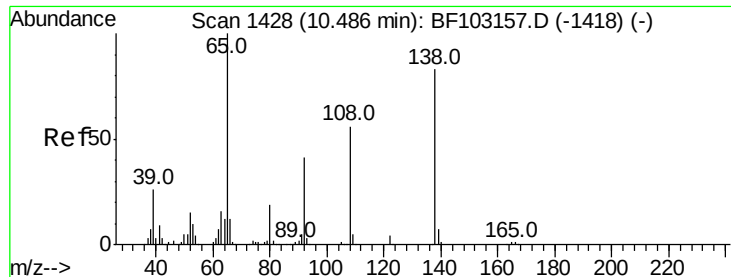
#60
4-Chlorophenyl-phenylether
Concen: 40.028 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion:204 Resp: 313167
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 68.7 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

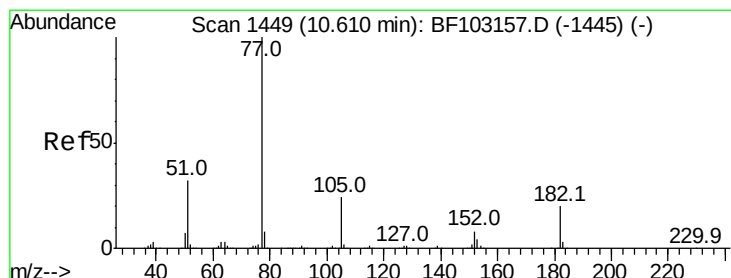
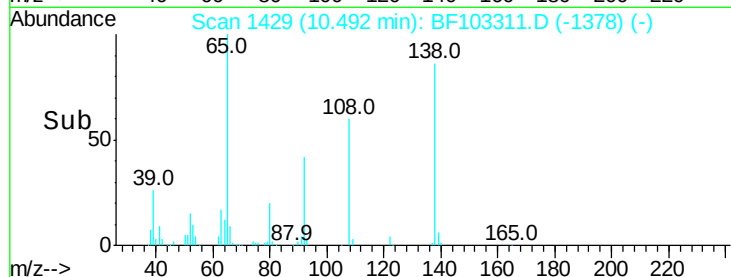
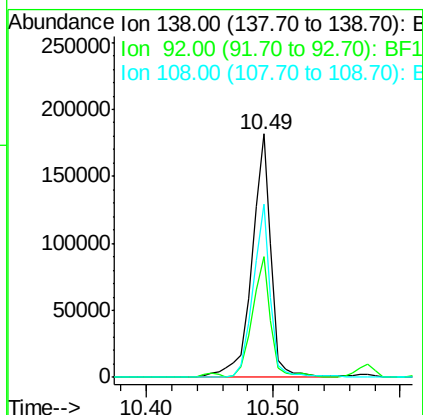
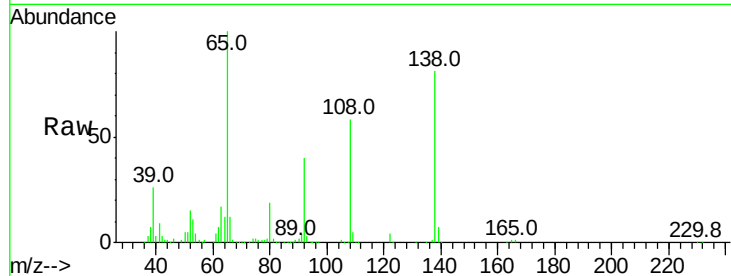




#61
4-Nitroaniline
Concen: 33.840 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

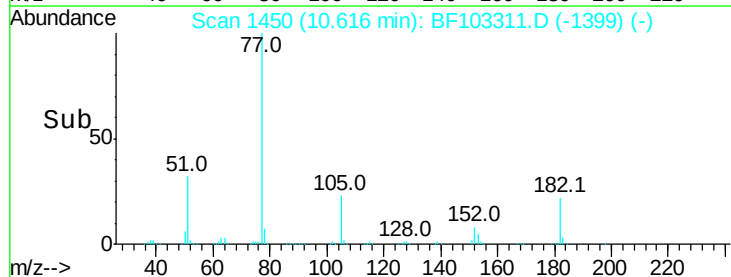
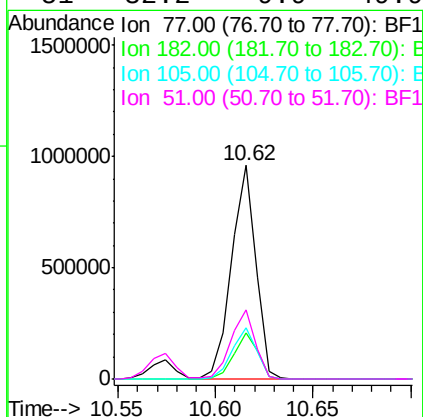
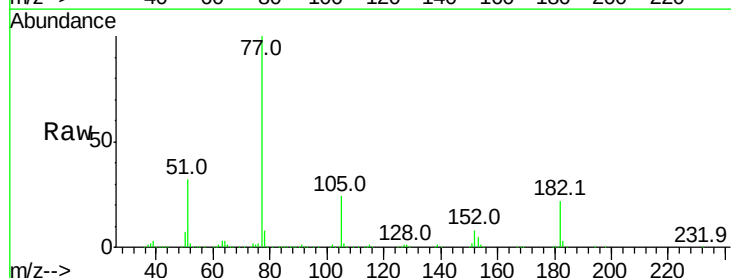
Instrument :
BNA_F
ClientSampleId :

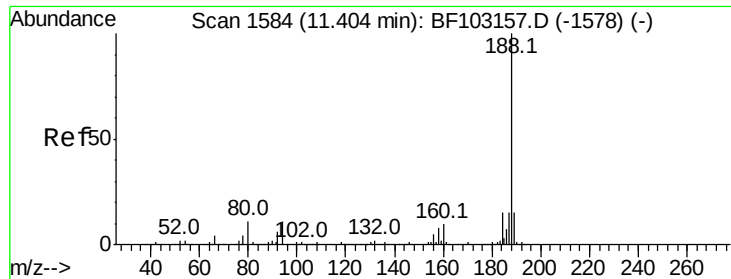
Tot Ion:138 Resp: 191498
Ion Ratio Lower Upper
138 100
92 49.7 30.2 70.2
108 71.0 52.5 92.5



#62
Azobenzene
Concen: 39.967 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion: 77 Resp: 827965
Ion Ratio Lower Upper
77 100
182 21.7 1.7 41.7
105 24.0 3.0 43.0
51 32.2 9.9 49.9

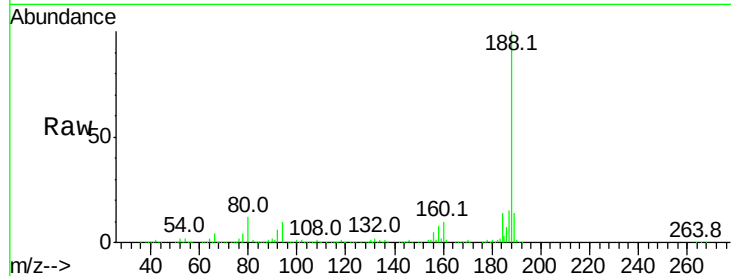




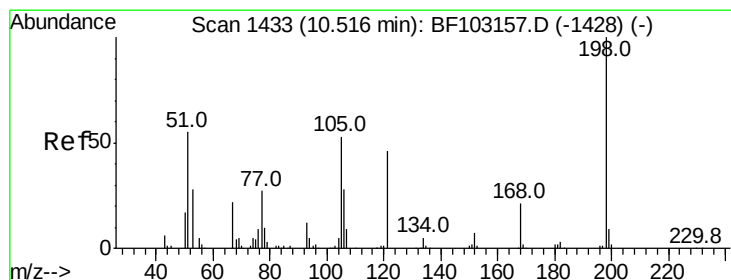
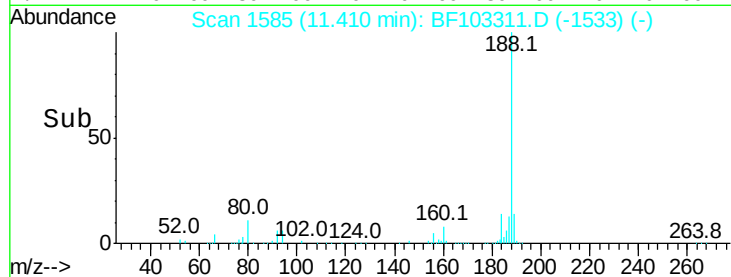
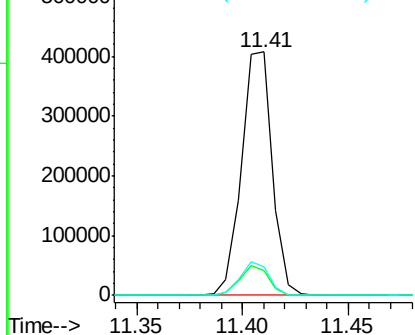
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 411214
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.6 9.2 13.8

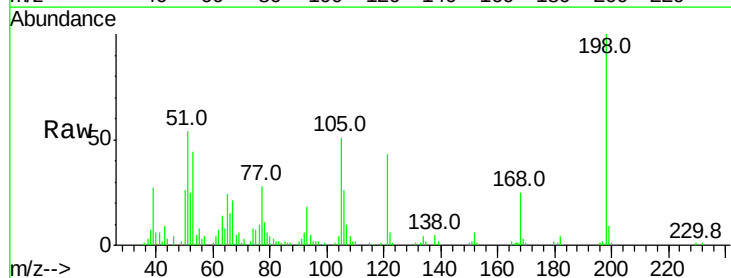


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

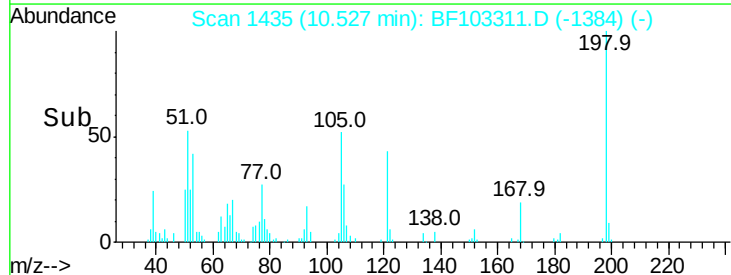
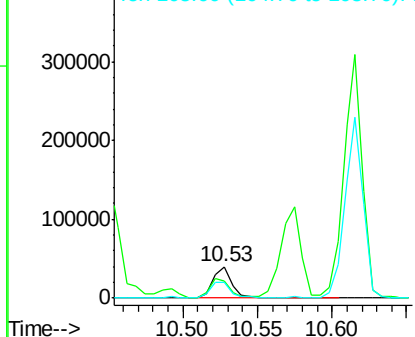


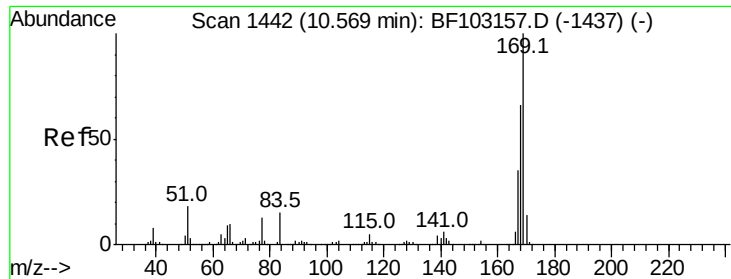
#64
4,6-Dinitro-2-methylphenol
Concen: 17.717 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion:198 Resp: 35626
Ion Ratio Lower Upper
198 100
51 54.0 37.7 77.7
105 51.4 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

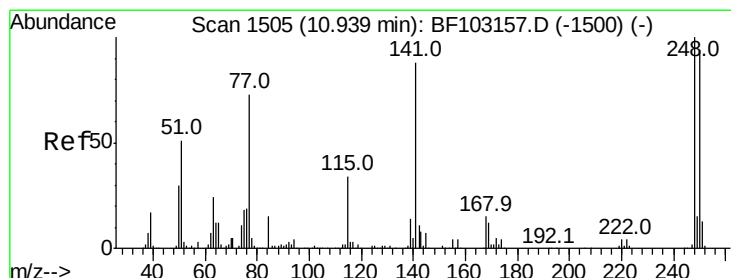
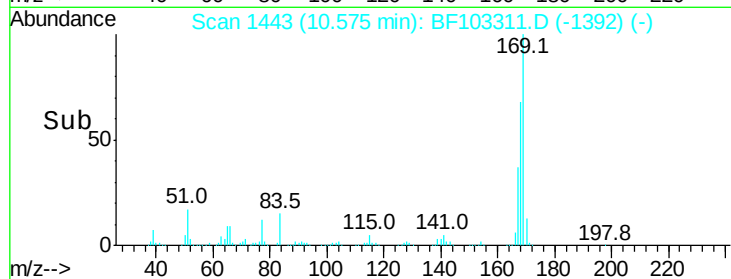
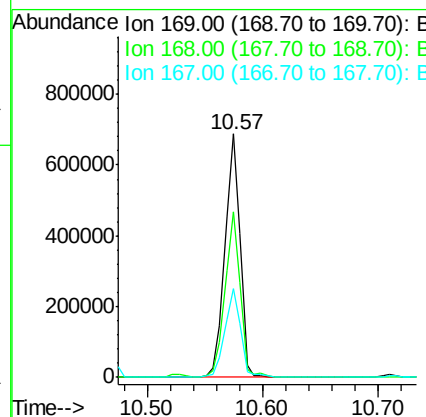
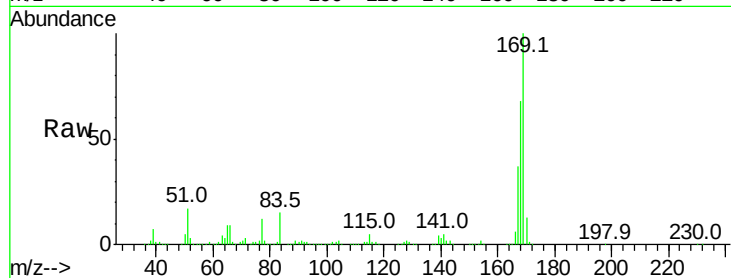




#65
n-Nitrosodiphenylamine
Concen: 43.858 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

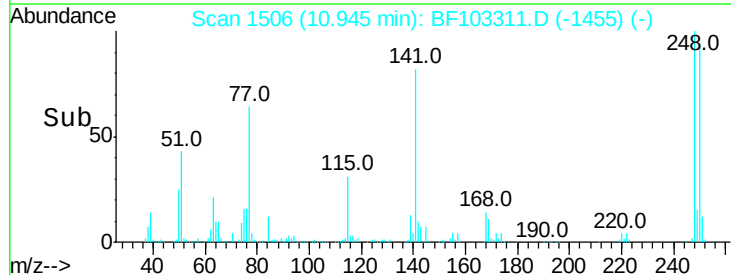
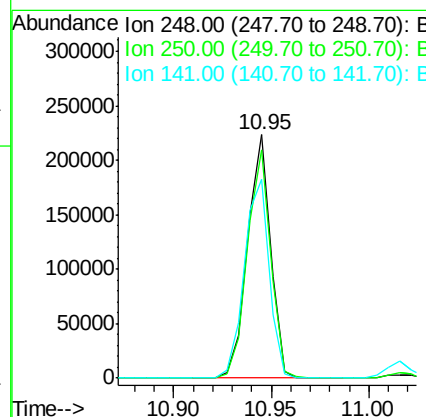
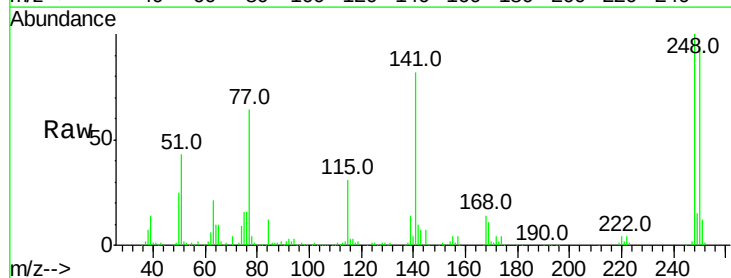
Instrument :
BNA_F
ClientSampled :

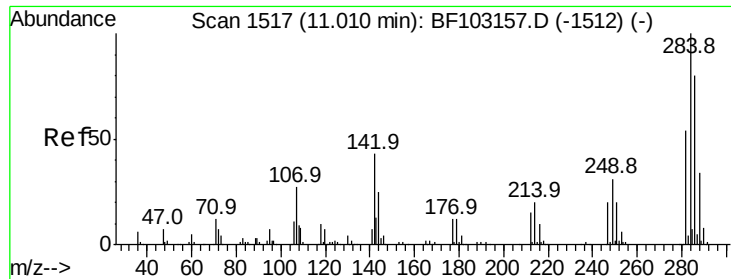
Tot Ion:169 Resp: 627950
Ion Ratio Lower Upper
169 100
168 67.9 54.4 81.6
167 36.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 42.864 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion:248 Resp: 183614
Ion Ratio Lower Upper
248 100
250 94.0 76.9 115.3
141 81.8 74.4 111.6

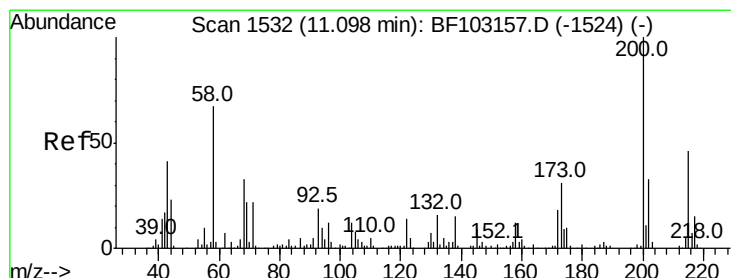
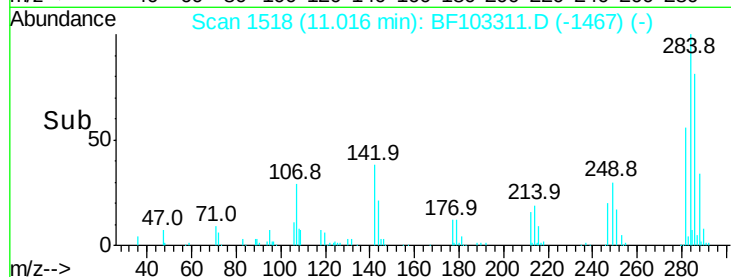
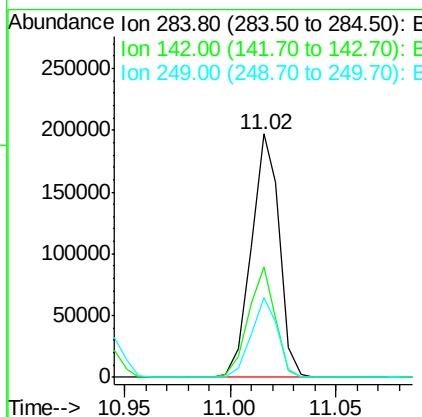
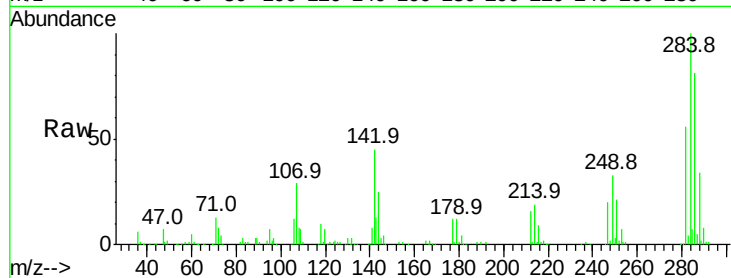




#67
Hexachlorobenzene
Concen: 38.897 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

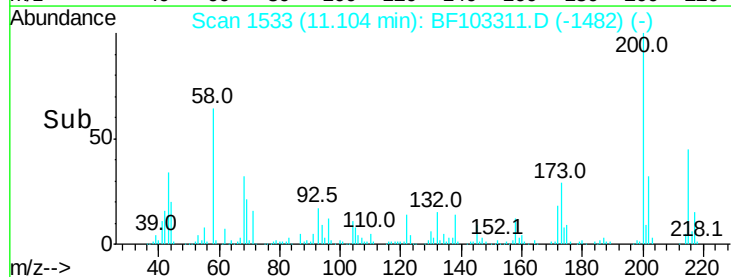
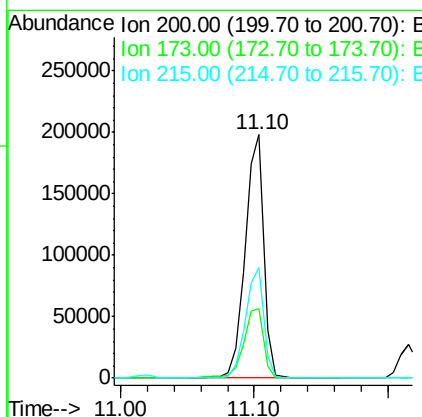
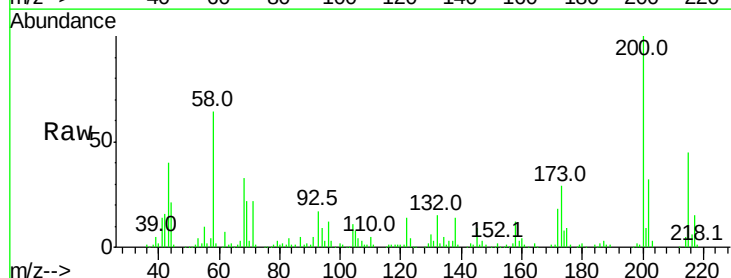
Instrument :
BNA_F
ClientSampled :

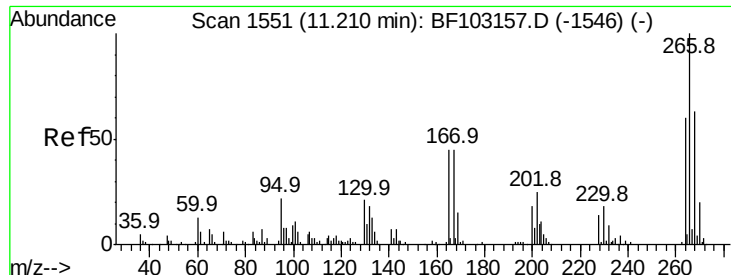
Tot Ion:284 Resp: 180849
Ion Ratio Lower Upper
284 100
142 45.2 34.6 52.0
249 32.6 24.8 37.2



#68
Atrazine
Concen: 43.831 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion:200 Resp: 188627
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 45.3 25.1 65.1

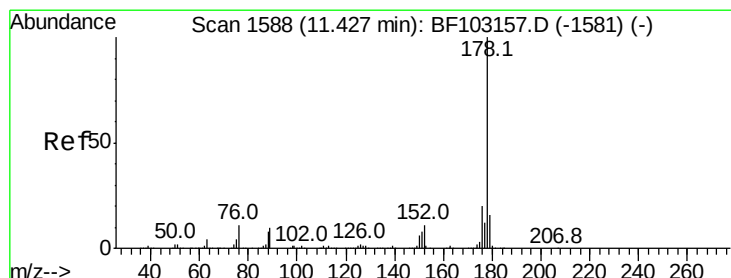
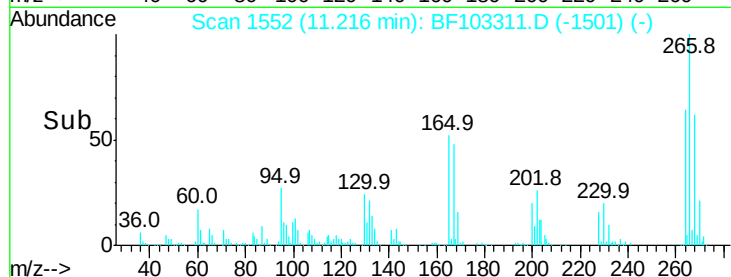
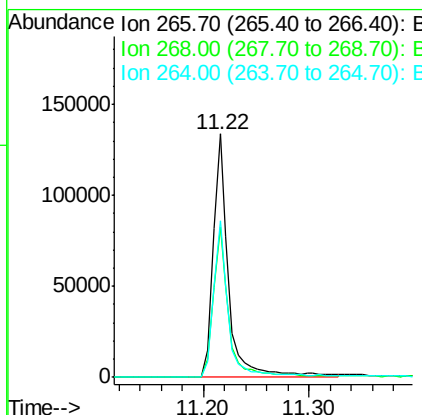
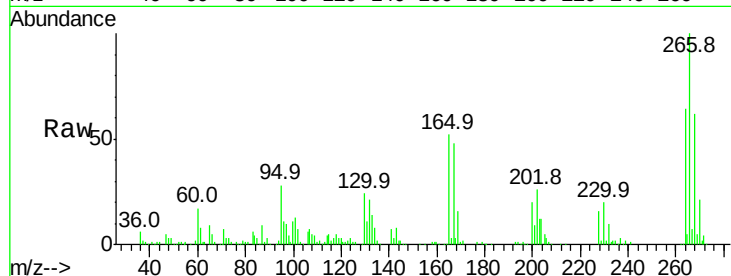




#69
 Pentachlorophenol
 Concen: 61.714 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

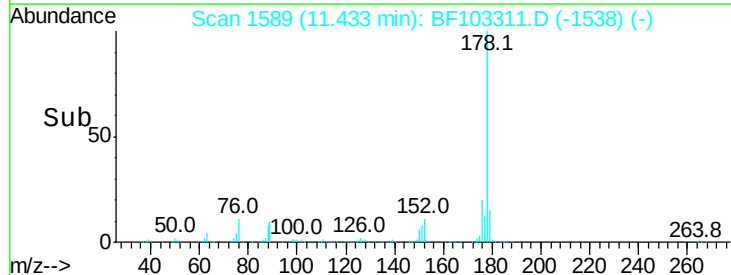
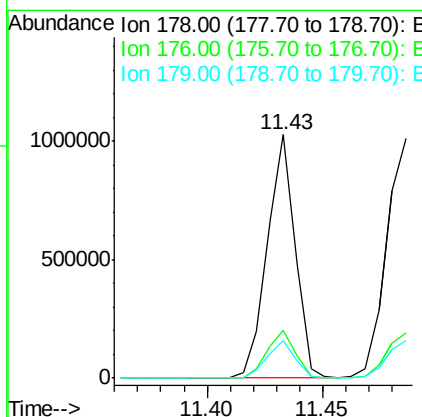
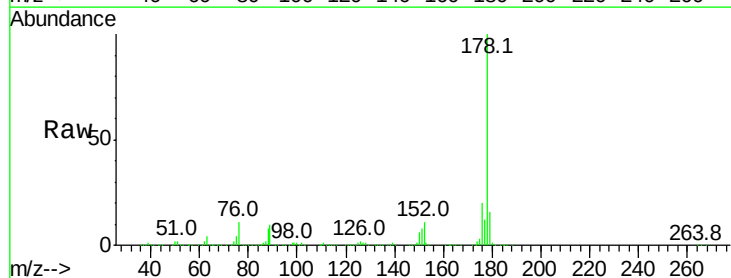
Instrument :
 BNA_F
 ClientSampleId :

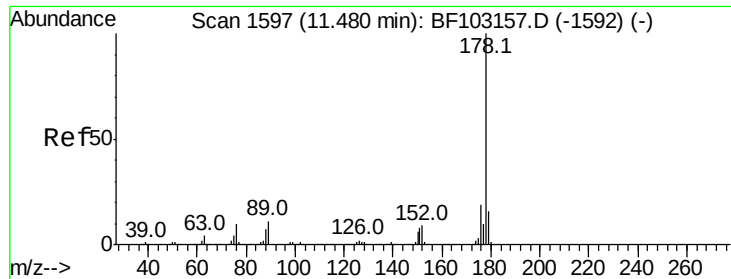
Tot Ion:266 Resp: 138739
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 64.3 49.5 74.3



#70
 Phenanthrene
 Concen: 38.116 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion:178 Resp: 862570
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.6 13.0 19.6

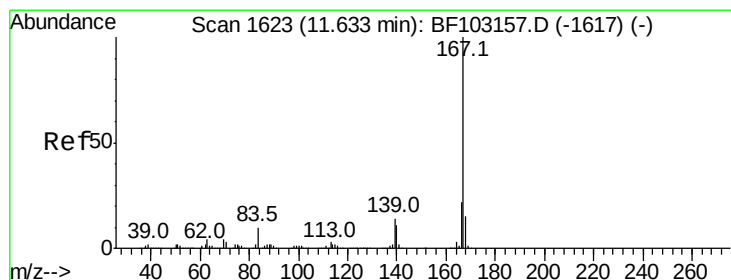
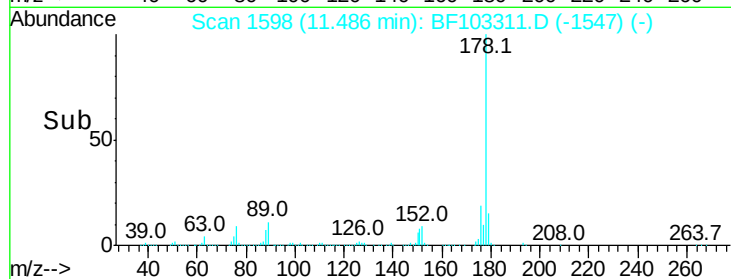
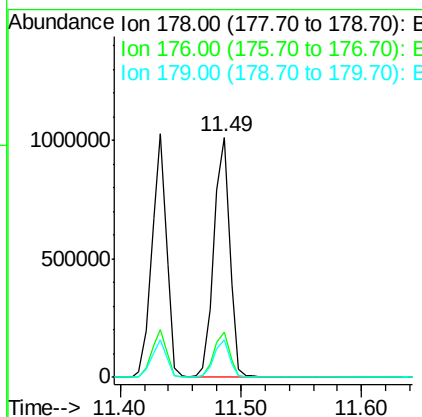
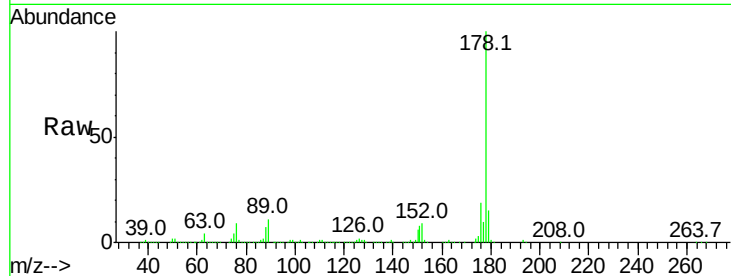




#71
 Anthracene
 Concen: 39.355 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

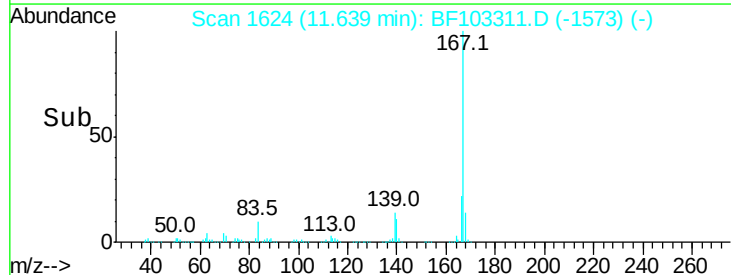
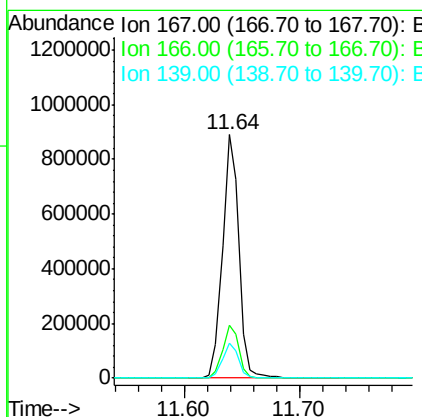
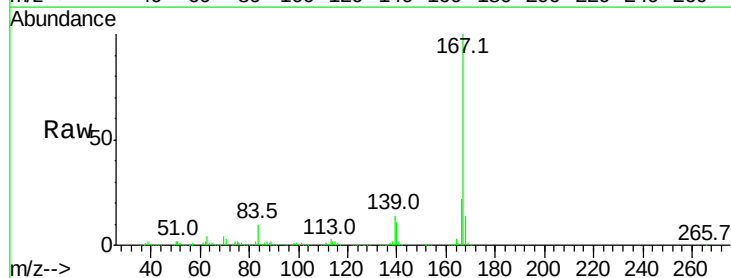
Instrument :
 BNA_F
 ClientSampled :

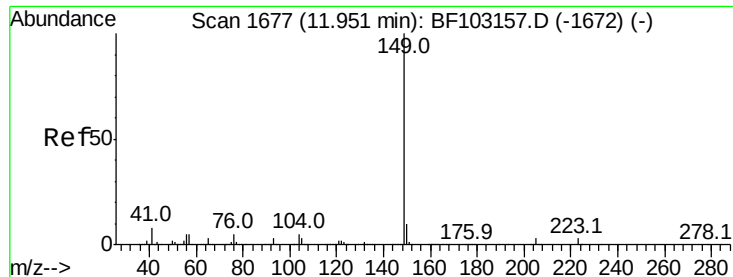
Tot Ion:178 Resp: 913273
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 37.853 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion:167 Resp: 874753
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 14.3 10.9 16.3

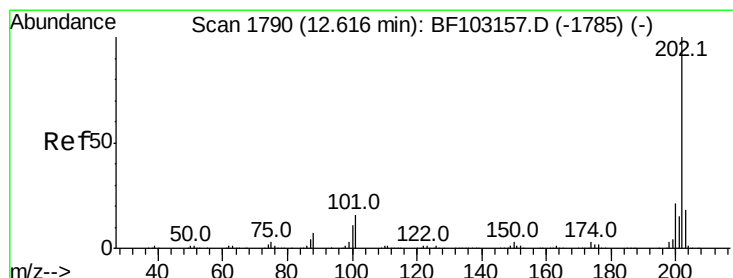
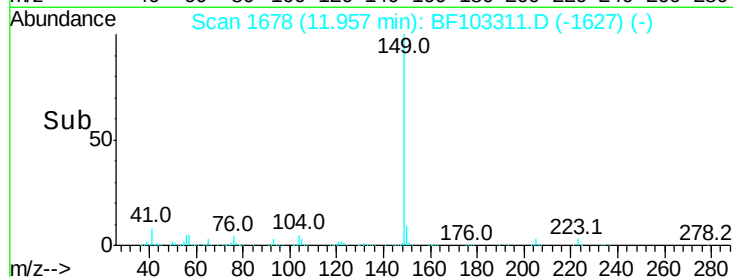
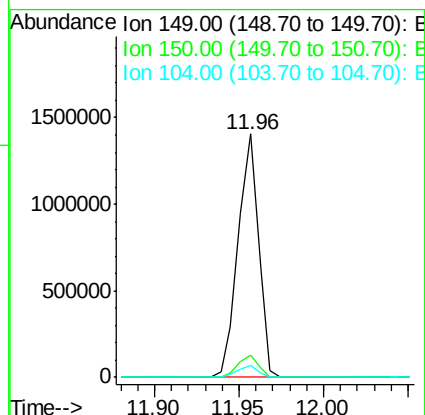
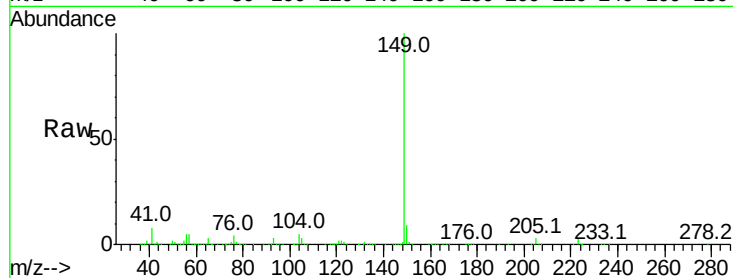




#73
Di-n-butylphthalate
Concen: 40.984 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

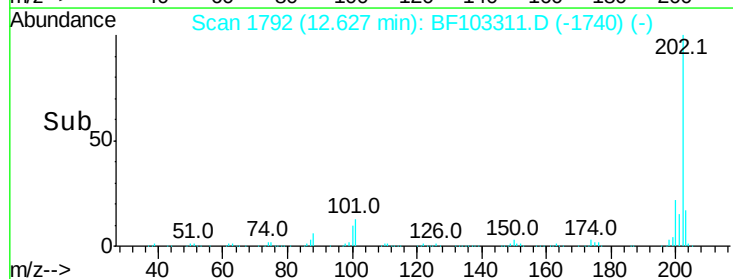
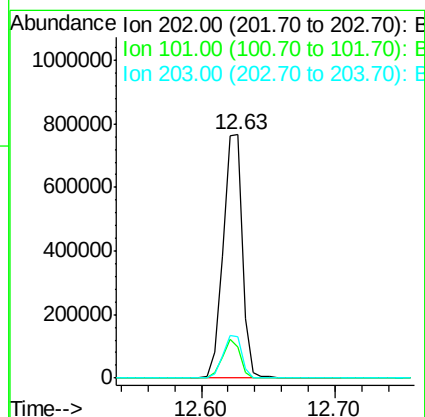
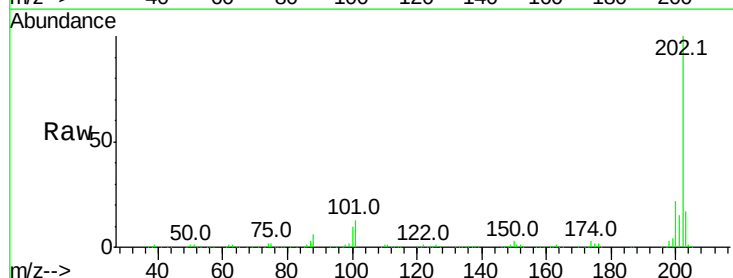
Instrument :
BNA_F
ClientSampleId :

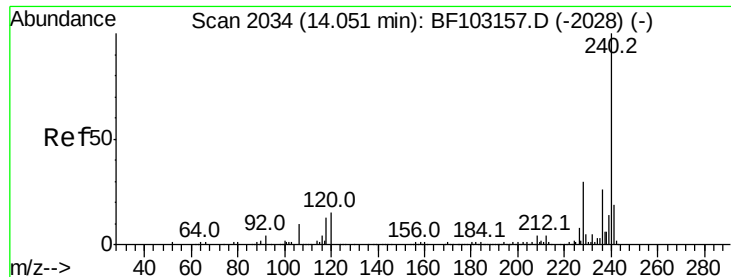
Tot Ion:149 Resp: 1185126
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 34.422 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion:202 Resp: 782802
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

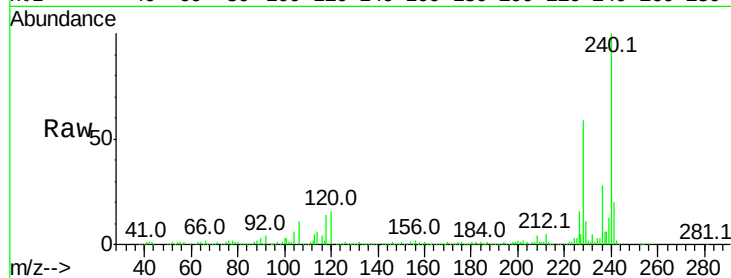
Tot Ion:240 Resp: 240941

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

236 27.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

300000

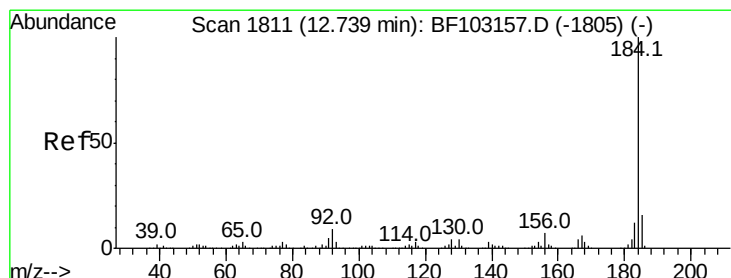
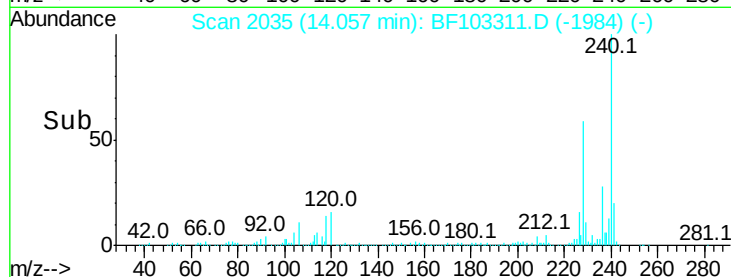
200000

100000

0

14.06

Time-->



#76

Benzidine

Concen: 44.300 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

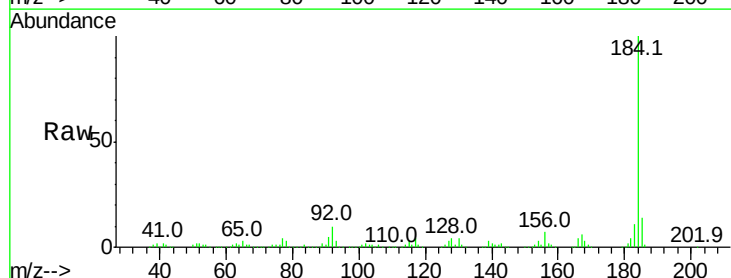
Tgt Ion:184 Resp: 399035

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

183 11.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

500000

400000

300000

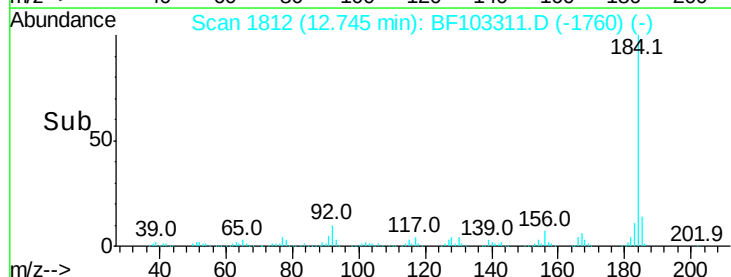
200000

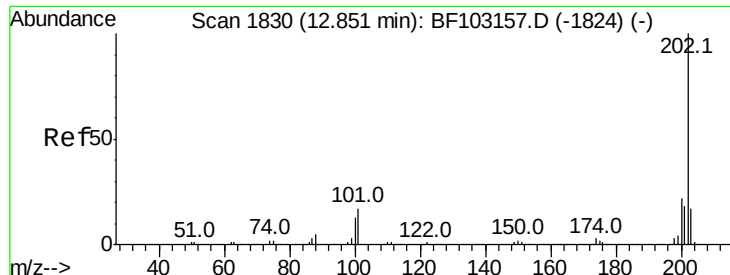
100000

0

12.74

Time-->

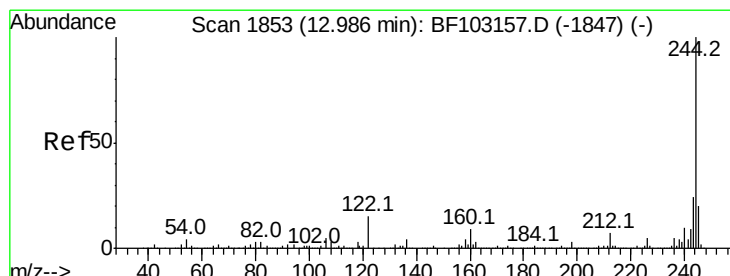
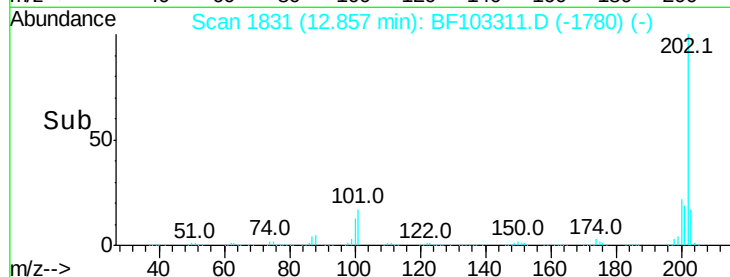
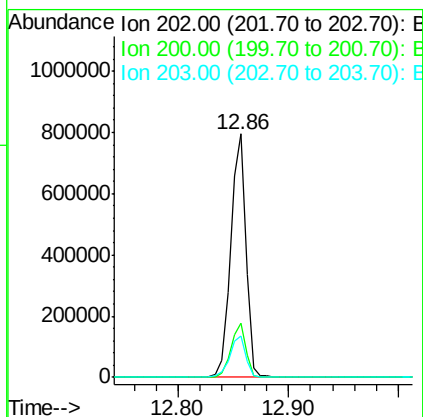
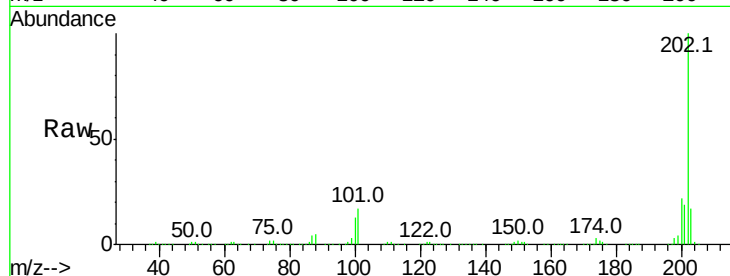




#77
Pvrene
Concen: 41.142 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

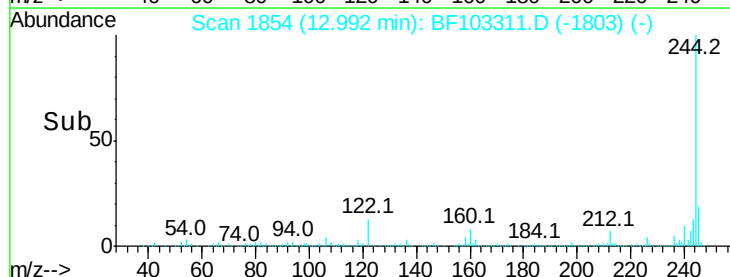
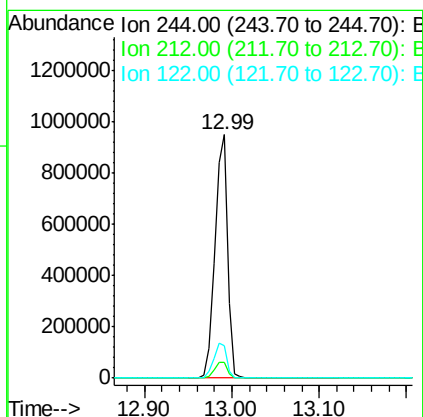
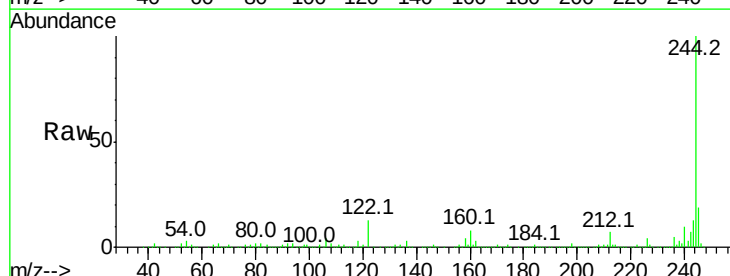
Instrument :
BNA_F
ClientSampled :

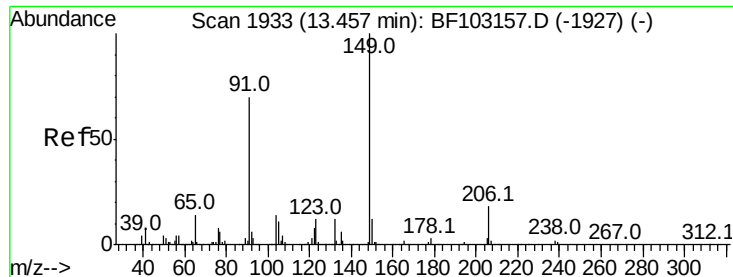
Tot Ion:202 Resp: 772853
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 94.848 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion:244 Resp: 950668
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.3 11.0 16.4

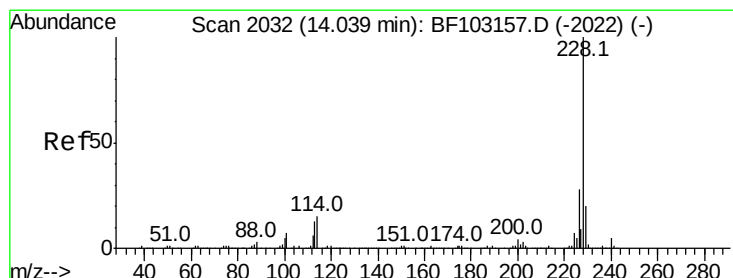
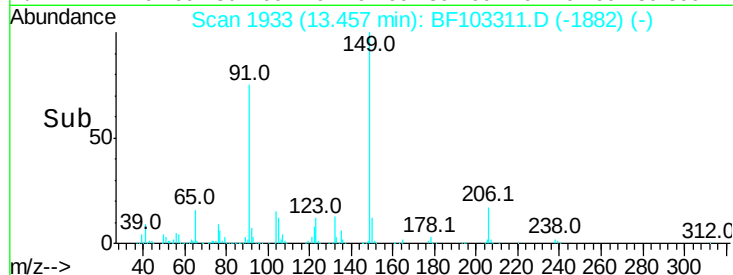
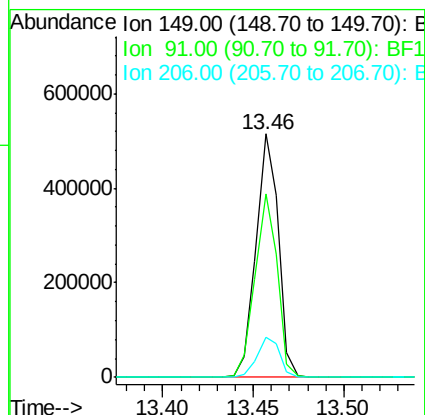
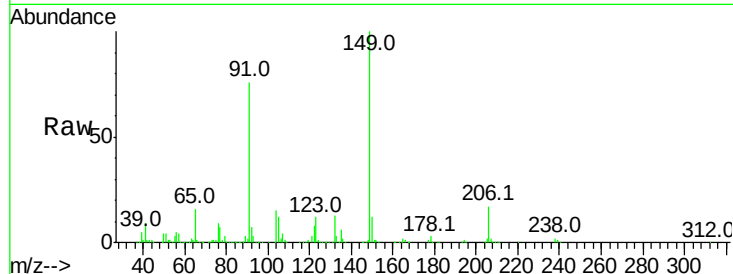




#79
Butylbenzylphthalate
Concen: 44.572 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

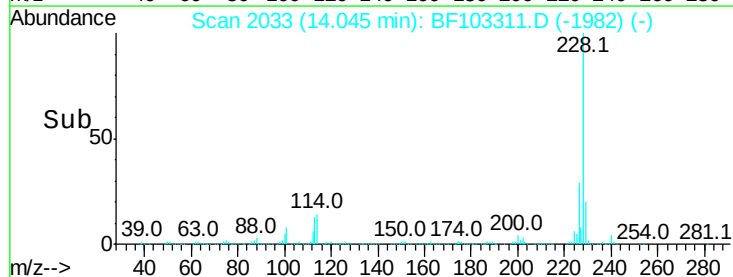
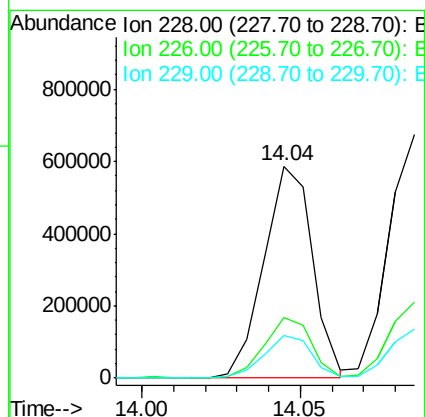
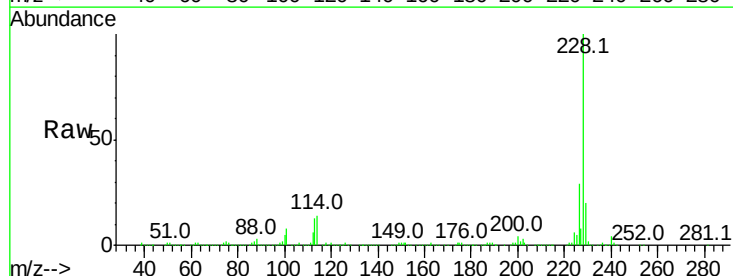
Instrument :
BNA_F
ClientSampleId :

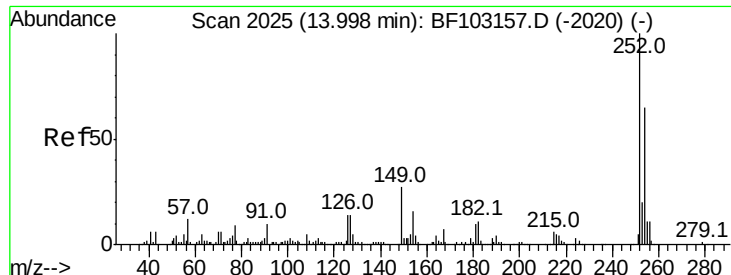
Tot Ion:149 Resp: 442376
Ion Ratio Lower Upper
149 100
91 75.6 56.8 85.2
206 16.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.211 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion:228 Resp: 628632
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.4 15.8 23.6

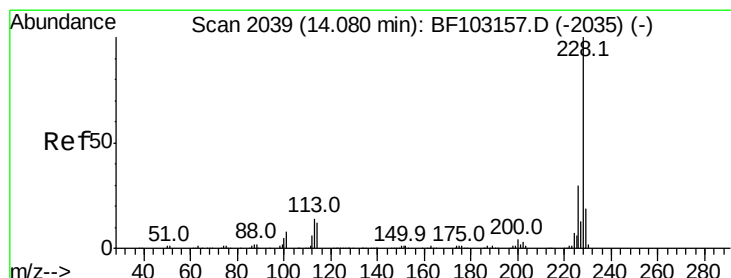
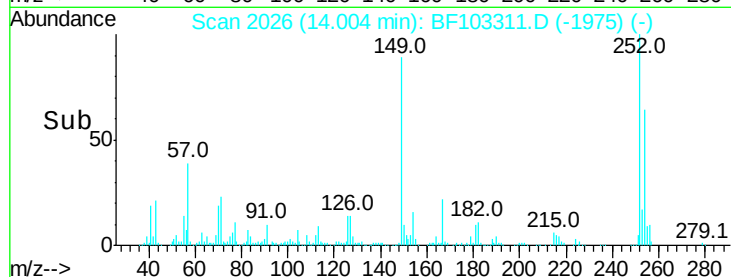
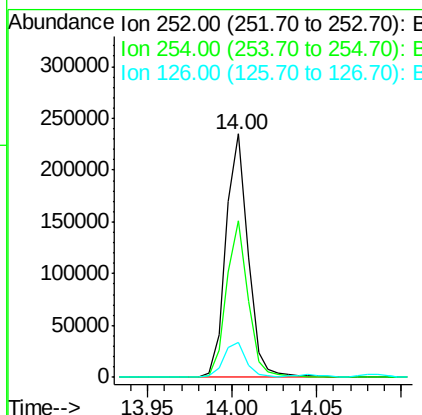
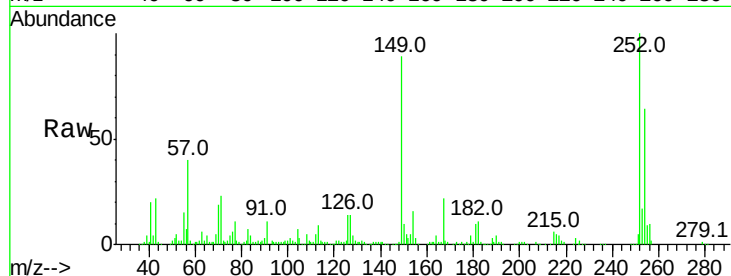




#81
 3,3'-Dichlorobenzidine
 Concen: 38.608 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

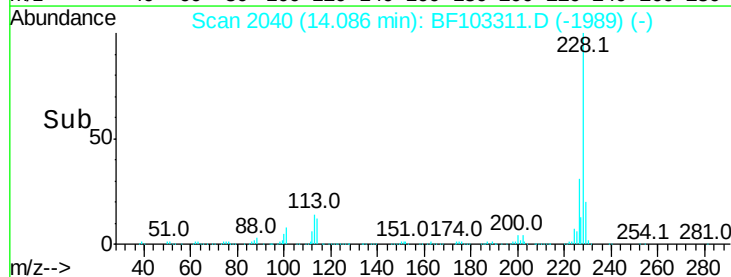
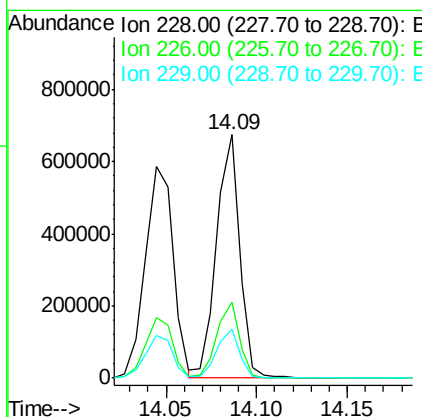
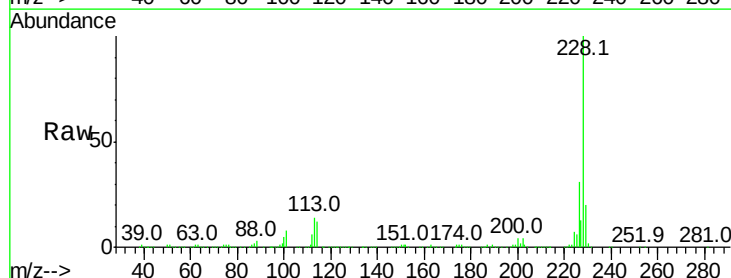
Instrument :
 BNA_F
 ClientSampleId :

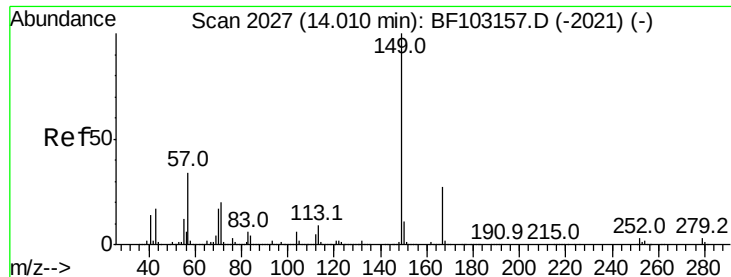
Tot Ion:252 Resp: 215397
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 14.2 11.3 16.9



#82
 Chrysene
 Concen: 39.461 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion:228 Resp: 599001
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.142 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

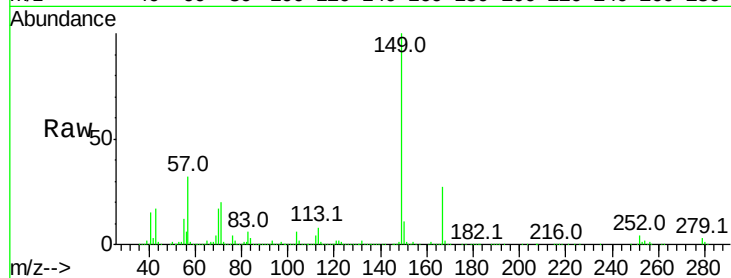
Tot Ion:149 Resp: 577824

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

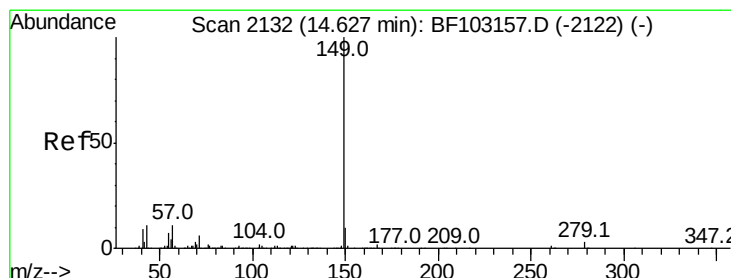
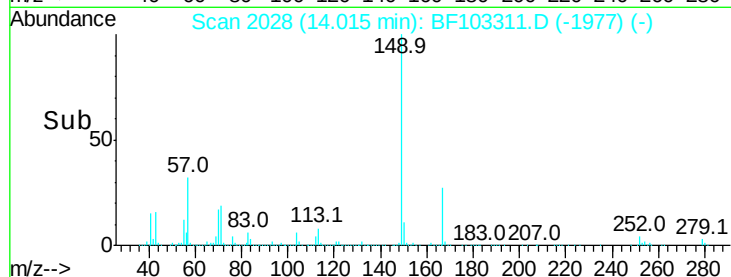
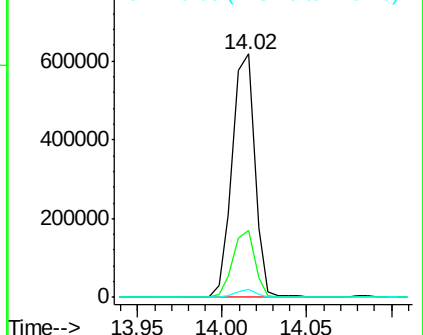
279 3.2 3.0 4.4



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: 44.413 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

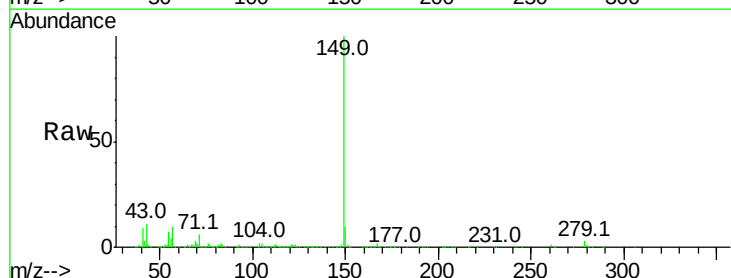
Tgt Ion:149 Resp: 961083

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

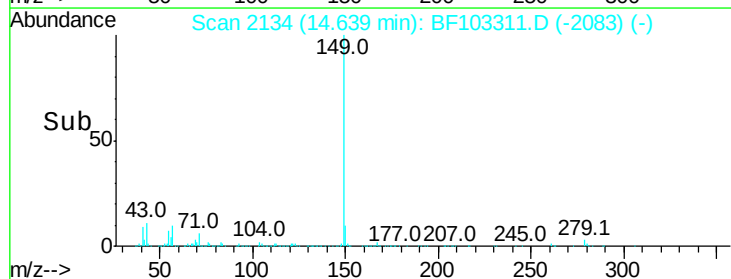
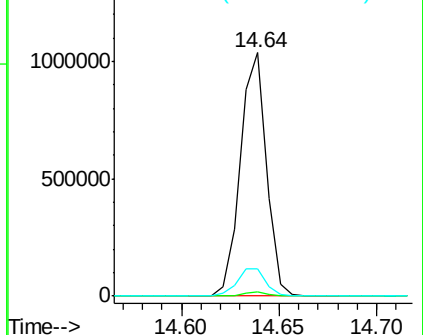
43 11.8 8.4 12.6

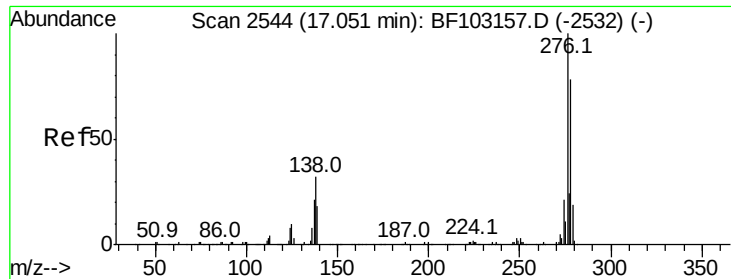


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

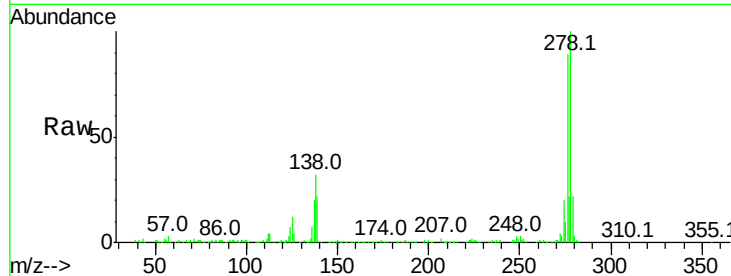




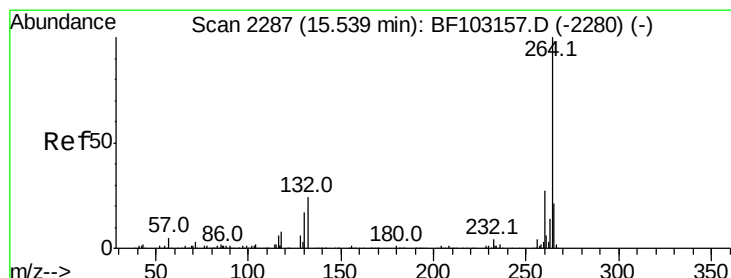
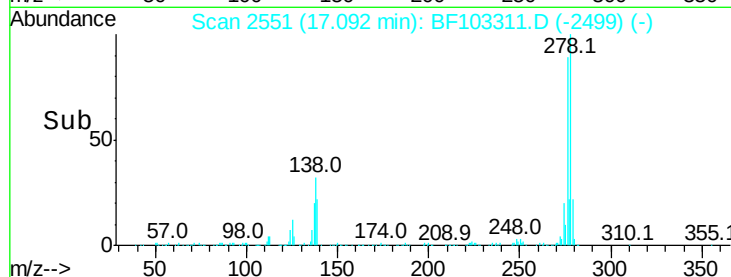
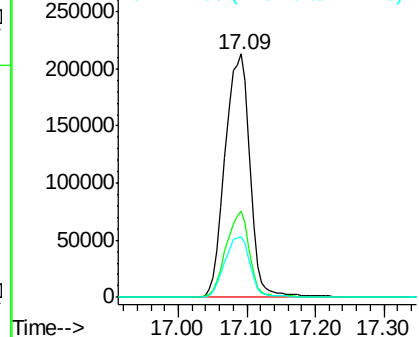
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.872 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.0	37.6
277	25.3	20.1	30.1

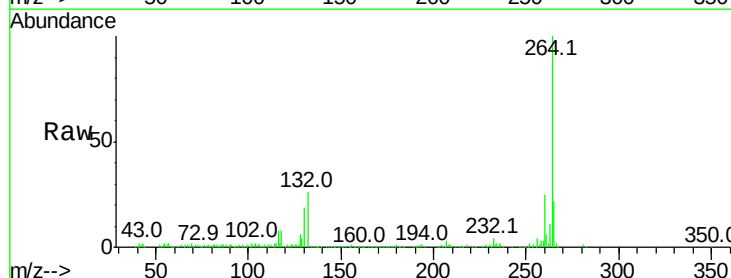


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

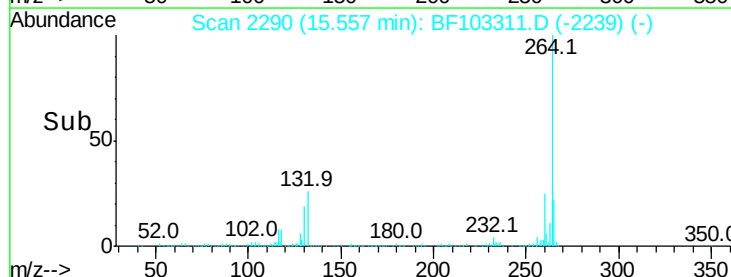
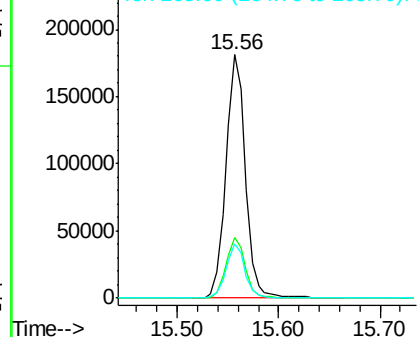


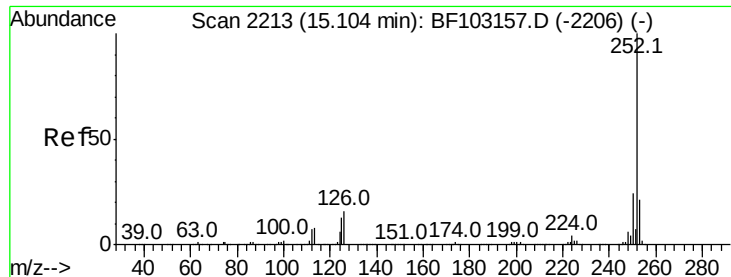
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 38.837 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

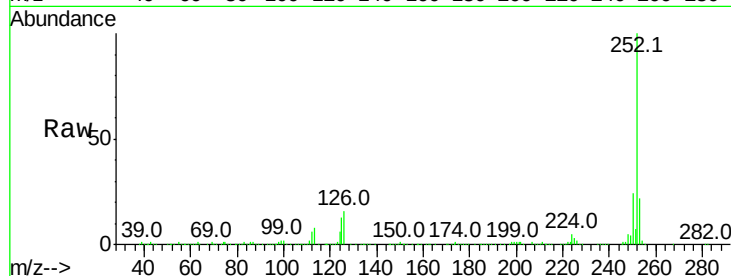
Tot Ion:252 Resp: 616849

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

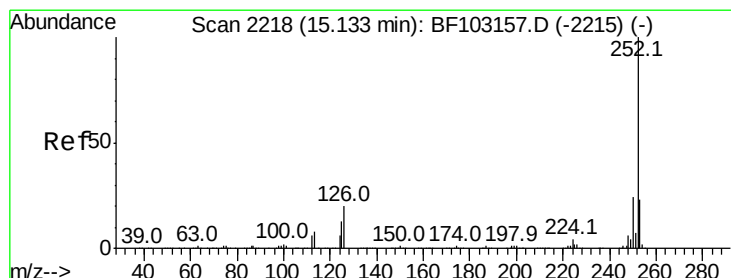
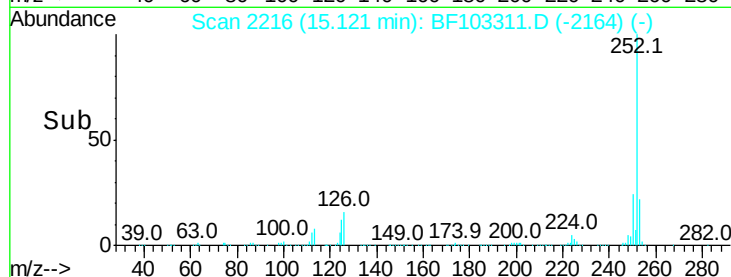
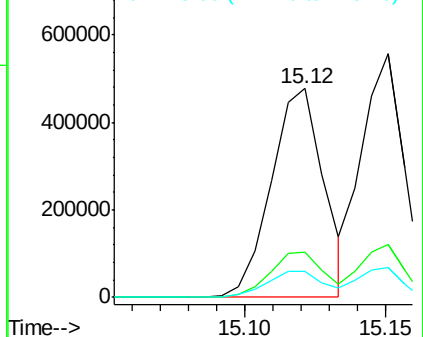
125 12.6 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 38.957 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

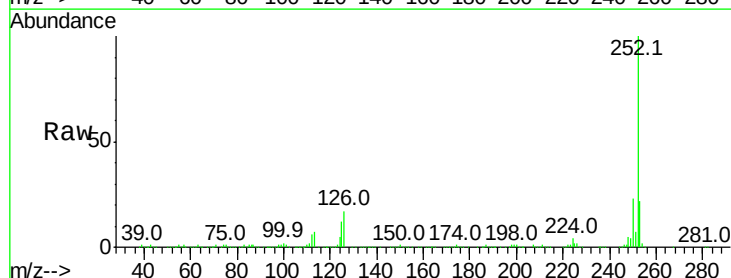
Tgt Ion:252 Resp: 582649

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

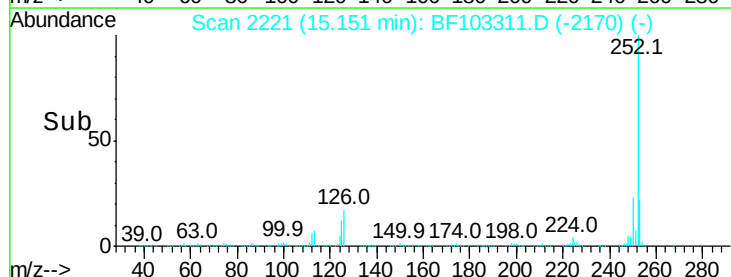
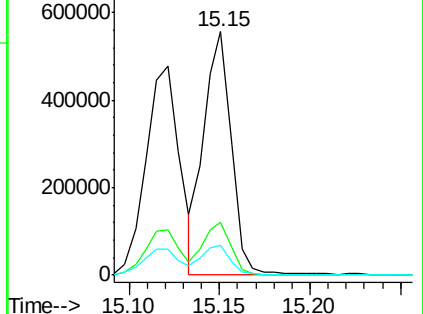
125 12.4 10.2 15.2

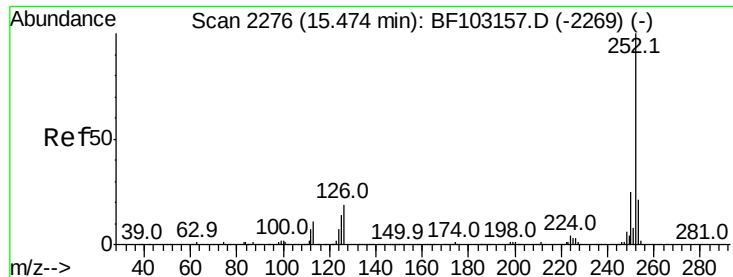


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

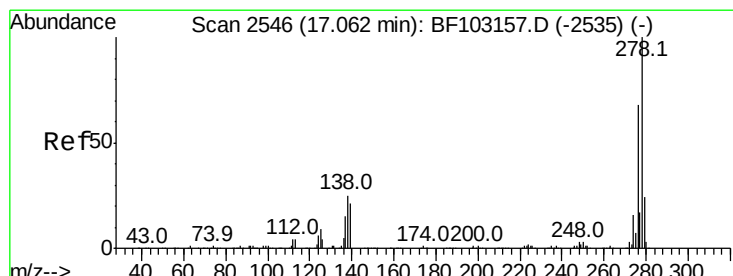
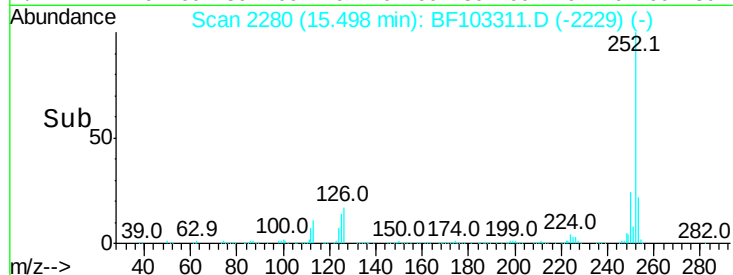
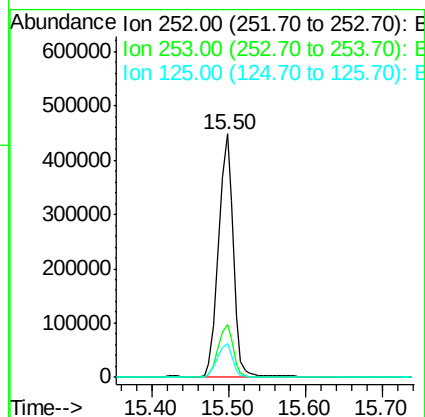
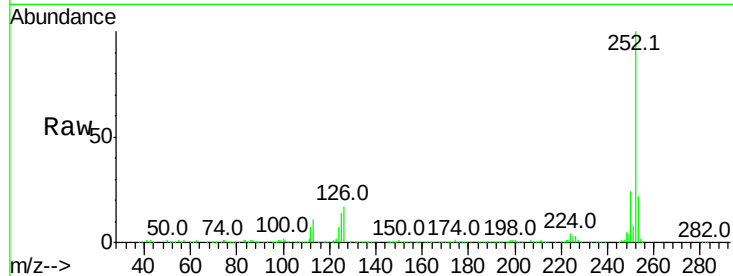




#89
Benzo(a)pyrene
Concen: 41.762 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

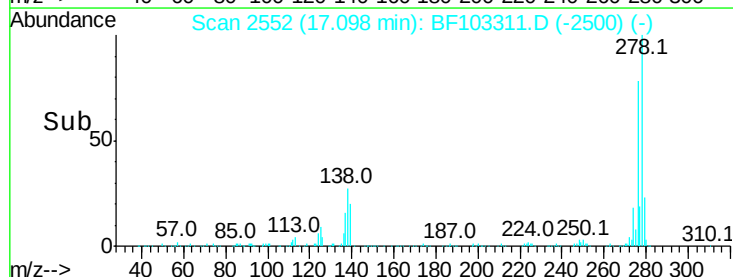
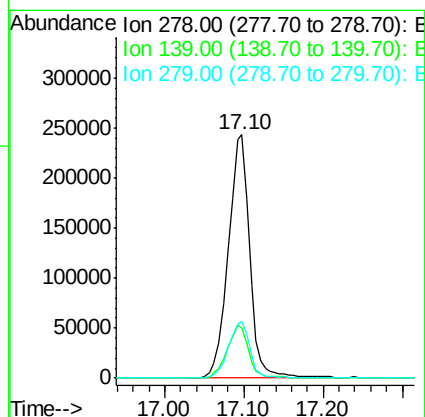
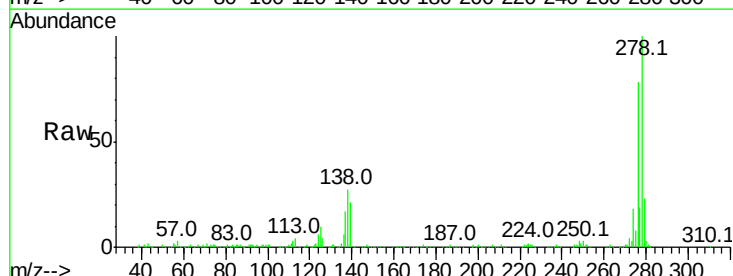
Instrument :
BNA_F
ClientSampleId :

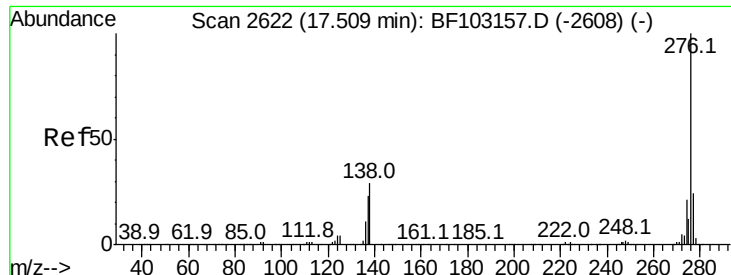
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.620 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.9	23.9
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 40.987 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

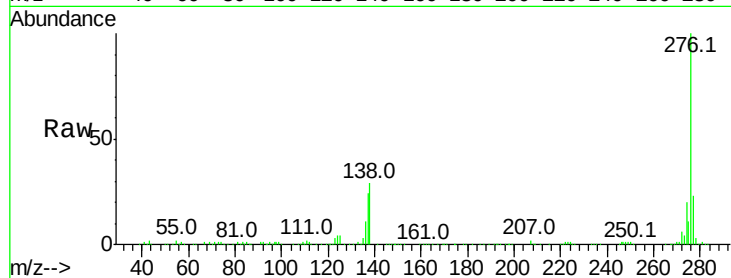
Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :



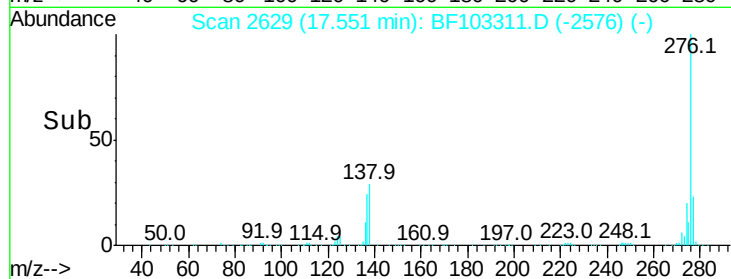
Tot Ion: 276 Resp: 439029

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 28.9 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

250000

200000

150000

100000

50000

0

17.40 17.55 17.60 17.80

Time-->