

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103205.D
 Acq On : 26 Feb 2018 9:09
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 10:40:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	165993	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	698657	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	316347	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	540240	20.00	ng	0.00
75) Chrysene-d12	14.05	240	363290	20.00	ng	0.00
86) Perylene-d12	15.53	264	319542	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	867860	79.07	ng	0.00
7) Phenol-d6	6.50	99	1042185	77.60	ng	0.00
23) Nitrobenzene-d5	7.44	82	959213	78.41	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	203513	76.00	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1441254	76.66	ng	0.00
78) Terphenyl-d14	12.99	244	1144068	75.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	236924	40.872	ng	93
3) Pyridine	3.43	79	622343	40.215	ng	97
4) n-Nitrosodimethylamine	3.38	42	257458	41.251	ng	98
6) Aniline	6.54	93	771172	39.788	ng	97
8) 2-Chlorophenol	6.66	128	451360	39.588	ng	95
9) Benzaldehyde	6.43	77	317568	38.470	ng	98
10) Phenol	6.52	94	615783	39.497	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	470595	39.770	ng	91
12) 1,3-Dichlorobenzene	6.81	146	512818	39.359	ng	97
13) 1,4-Dichlorobenzene	6.89	146	511193	39.133	ng	99
14) 1,2-Dichlorobenzene	7.04	146	468585	38.902	ng	99
15) Benzyl Alcohol	7.02	79	395881	39.118	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	798259	39.285	ng	99
17) 2-Methylphenol	7.12	107	410289	39.598	ng	99
18) Hexachloroethane	7.38	117	188745	39.690	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	313749	37.537	ng	95
20) 3+4-Methylphenols	7.28	107	466458	36.932	ng	# 67
22) Acetophenone	7.29	105	619829	38.008	ng	# 96
24) Nitrobenzene	7.46	77	531900	39.489	ng	97
25) Isophorone	7.69	82	927079	38.476	ng	97
26) 2-Nitrophenol	7.77	139	256755	40.492	ng	92
27) 2,4-Dimethylphenol	7.80	122	376603	38.856	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	551759	38.949	ng	99
29) 2,4-Dichlorophenol	8.02	162	363762	39.200	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	385028	38.964	ng	98
31) Naphthalene	8.17	128	1307374	38.222	ng	100
32) Benzoic acid	7.94	122	328682	46.039	ng	99
33) 4-Chloroaniline	8.23	127	573593	38.861	ng	98
34) Hexachlorobutadiene	8.29	225	199556	38.780	ng	99
35) Caprolactam	8.61	113	129271	39.637	ng	# 81
36) 4-Chloro-3-methylphenol	8.71	107	408290	39.009	ng	96
37) 2-Methylnaphthalene	8.87	142	847951	38.359	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	337121	38.981	ng	99
40) Hexachlorocyclopentadiene	9.02	237	89695	35.039	ng	99

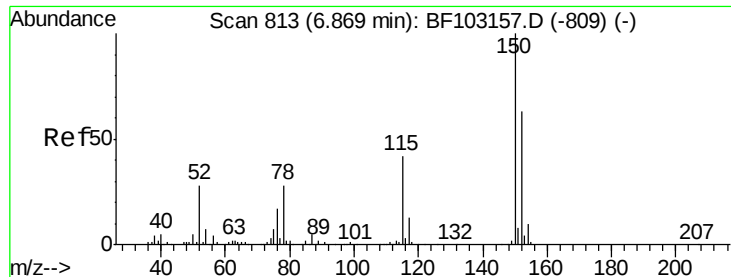
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103205.D
 Acq On : 26 Feb 2018 9:09
 Operator : SJ/JU
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	228802	39.318	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	259208	38.728	ng	96
45) 1,1'-Biphenyl	9.33	154	1000408	37.739	ng	99
46) 2-Chloronaphthalene	9.36	162	805634	38.415	ng	100
47) 2-Nitroaniline	9.46	65	307921	39.638	ng	90
48) Acenaphthylene	9.77	152	1208030	37.439	ng	99
49) Dimethylphthalate	9.63	163	954531	37.613	ng	100
50) 2,6-Dinitrotoluene	9.70	165	205585	38.603	ng	94
51) Acenaphthene	9.95	154	715994	38.054	ng	97
52) 3-Nitroaniline	9.87	138	265677	39.320	ng	97
53) 2,4-Dinitrophenol	9.98	184	56741	35.570	ng	# 18
54) Dibenzofuran	10.12	168	998860	38.673	ng	97
55) 4-Nitrophenol	10.03	139	149425	35.682	ng	93
56) 2,4-Dinitrotoluene	10.10	165	267445	39.707	ng	94
57) Fluorene	10.46	166	792358	36.012	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	175676	39.073	ng	97
59) Diethylphthalate	10.33	149	911192	37.541	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	355787	38.132	ng	95
61) 4-Nitroaniline	10.49	138	260653	38.622	ng	95
62) Azobenzene	10.61	77	950609	38.477	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	118359	37.242	ng	95
65) n-Nitrosodiphenylamine	10.57	169	716260	38.078	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	212976	37.844	ng	98
67) Hexachlorobenzene	11.01	284	232369	38.042	ng	99
68) Atrazine	11.10	200	210060	37.154	ng	99
69) Pentachlorophenol	11.21	266	112797	38.191	ng	99
70) Phenanthrene	11.43	178	1103568	37.118	ng	98
71) Anthracene	11.48	178	1149622	37.708	ng	99
72) Carbazole	11.63	167	1130213	37.227	ng	99
73) Di-n-butylphthalate	11.95	149	1427802	37.584	ng	100
74) Fluoranthene	12.62	202	1098712	36.775	ng	98
76) Benzidine	12.73	184	457034	33.651	ng	100
77) Pyrene	12.85	202	1125649	39.741	ng	99
79) Butylbenzylphthalate	13.45	149	595239	39.776	ng	97
80) Benzo(a)anthracene	14.04	228	919244	38.998	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	323094	38.408	ng	97
82) Chrysene	14.07	228	873908	38.183	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	783035	38.775	ng	99
84) Di-n-octyl phthalate	14.63	149	1216300	37.278	ng	98
85) Indeno(1,2,3-cd)pyrene	17.05	276	742968	41.004	ng	99
87) Benzo(b)fluoranthene	15.10	252	779590	37.106	ng	97
88) Benzo(k)fluoranthene	15.13	252	824520	41.676	ng	100
89) Benzo(a)pyrene	15.47	252	743468	39.627	ng	98
90) Dibenzo(a,h)anthracene	17.06	278	616939	42.555	ng	99
91) Benzo(g,h,i)perylene	17.50	276	610731	43.104	ng	98

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

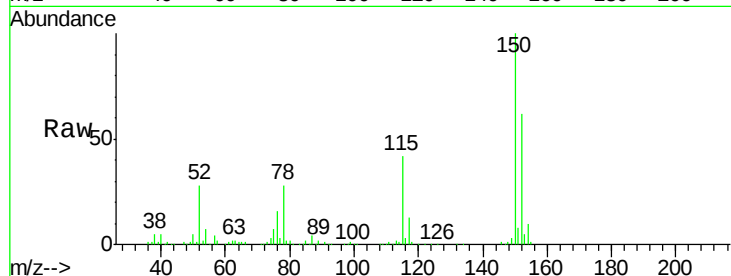


#1

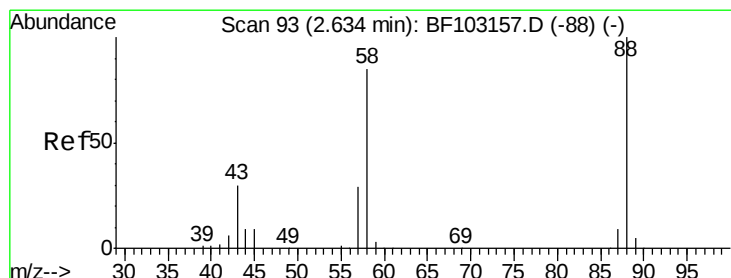
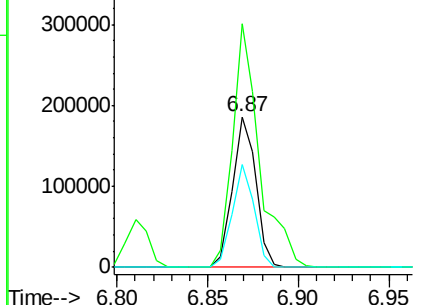
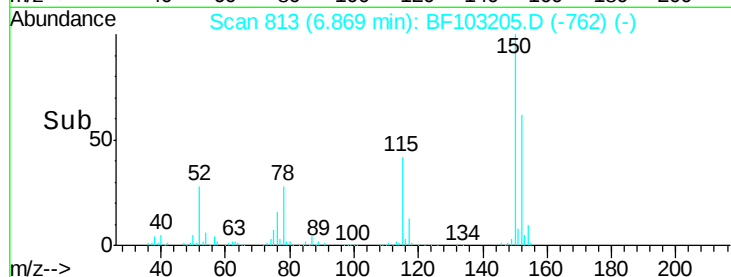
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.6	186.8
115	68.3	50.1	75.1



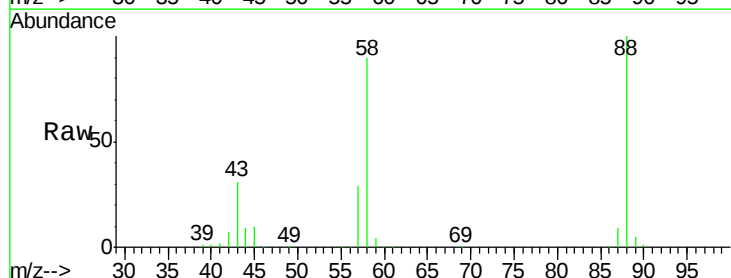
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



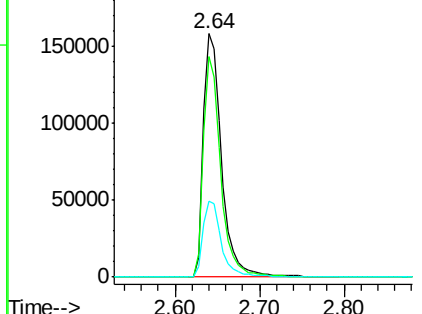
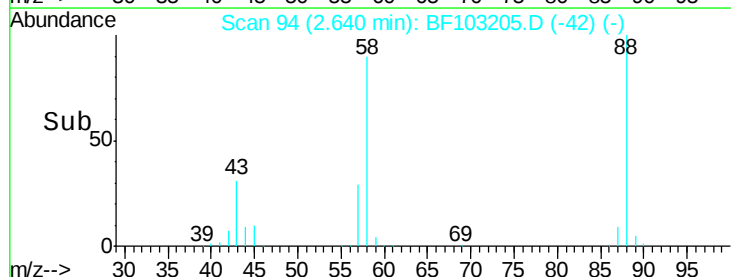
#2

1,4-Dioxane
Concen: 40.872 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	62.6	93.8
43	31.8	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: 40.215 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.02 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

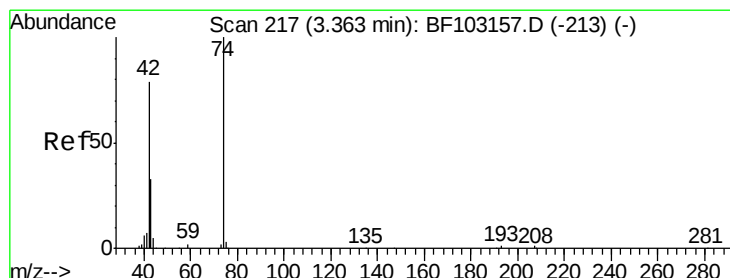
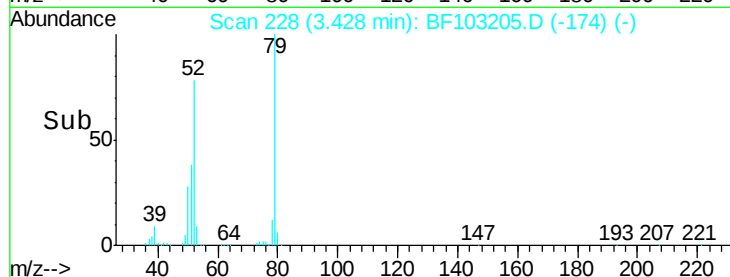
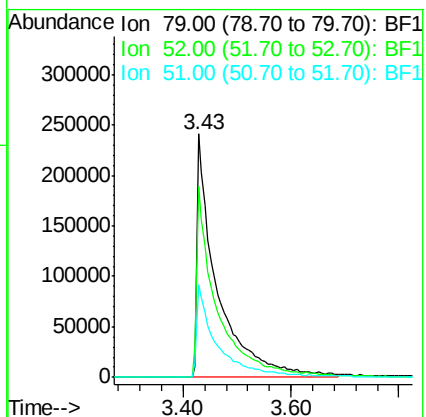
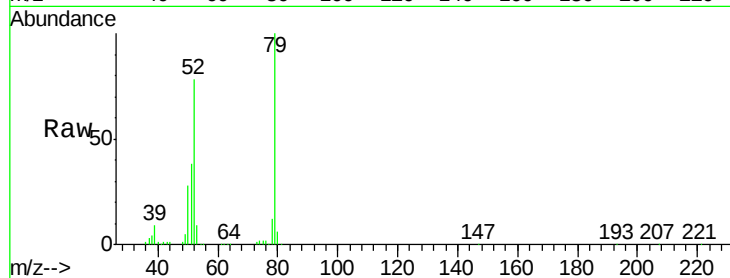
Tot Ion: 79 Resp: 622343

Ion Ratio Lower Upper

79 100

52 78.5 59.8 89.6

51 37.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.251 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

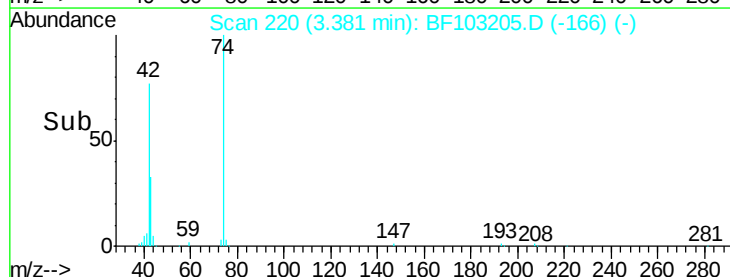
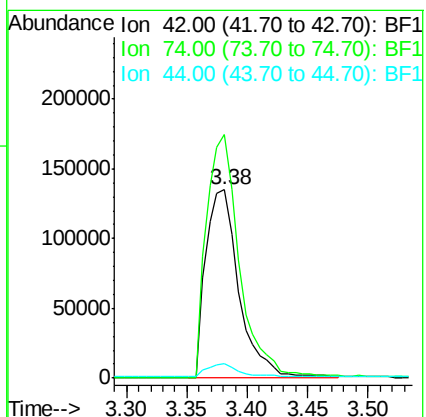
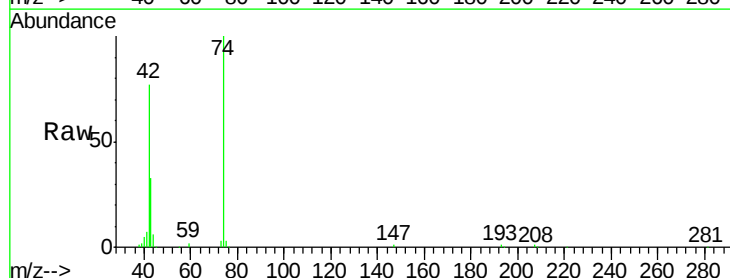
Tgt Ion: 42 Resp: 257458

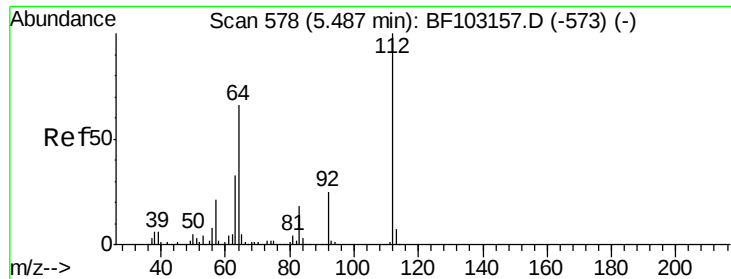
Ion Ratio Lower Upper

42 100

74 129.2 104.9 157.3

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 79.074 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

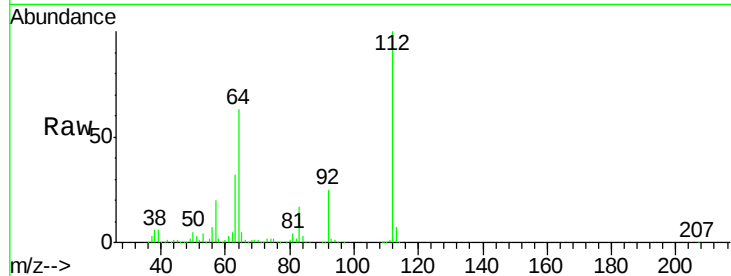
Tot Ion:112 Resp: 867860

Ion Ratio Lower Upper

112 100

64 62.6 47.9 71.9

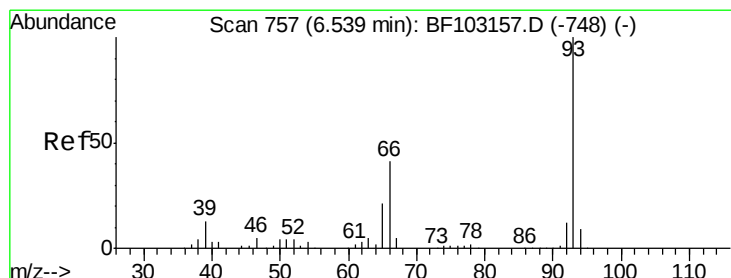
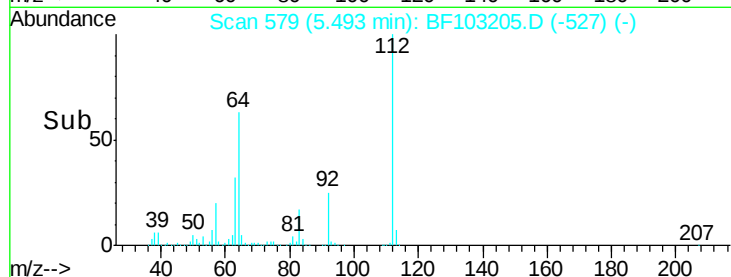
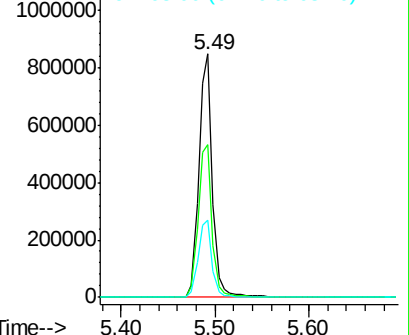
63 31.9 23.7 35.5



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: 39.788 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

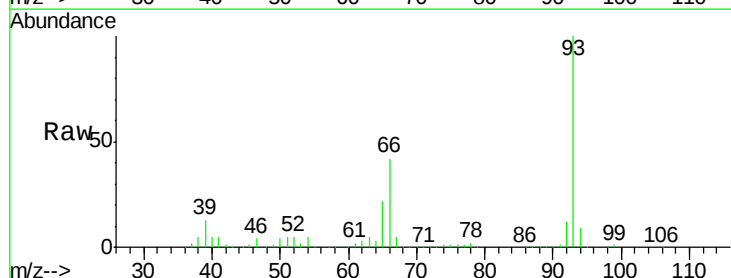
Tgt Ion: 93 Resp: 771172

Ion Ratio Lower Upper

93 100

66 42.1 32.2 48.2

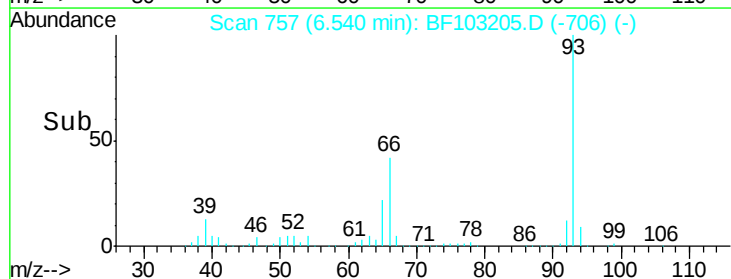
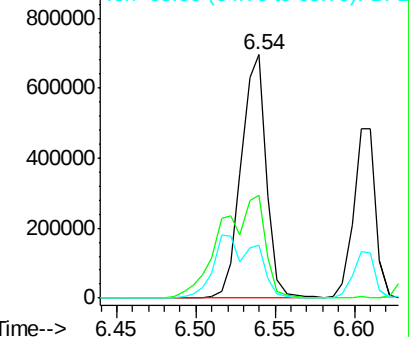
65 21.5 16.4 24.6

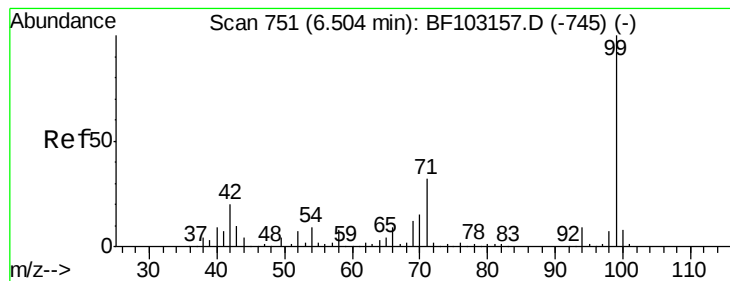


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.602 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

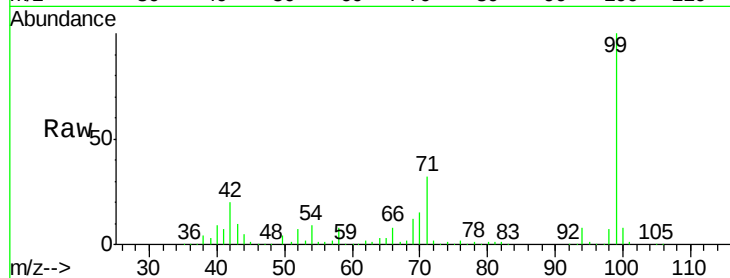
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1042185

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.0	25.4	38.0

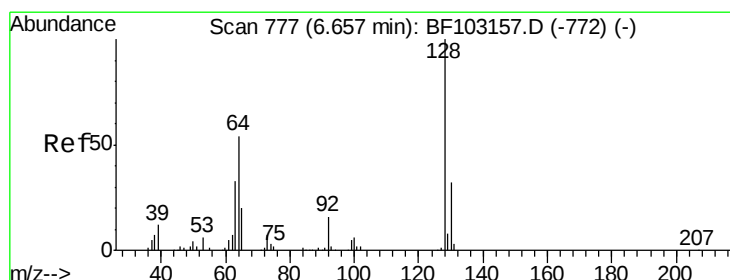
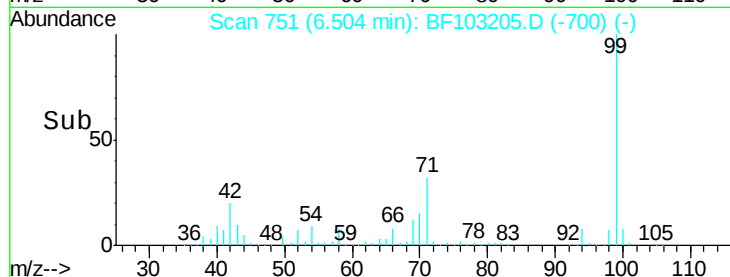
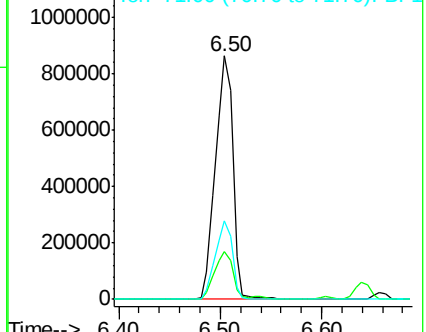


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.588 ng

RT: 6.66 min Scan# 777

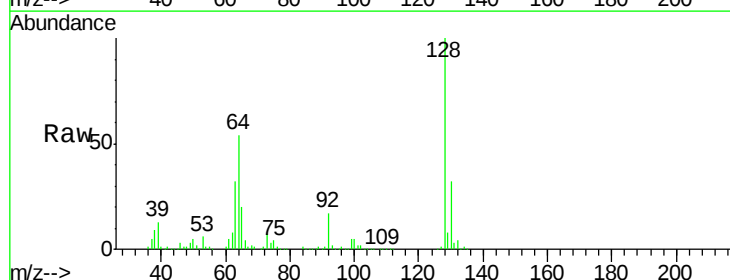
Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Tgt Ion: 128 Resp: 451360

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.0	53.0
64	54.3	29.4	69.4

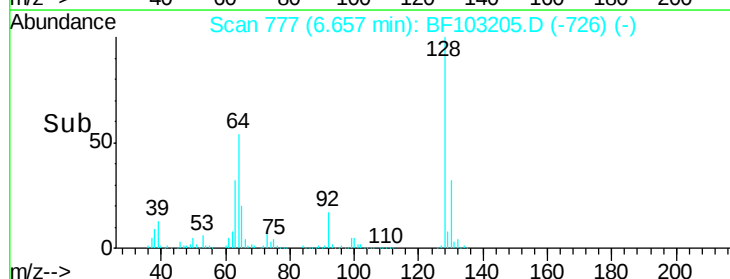
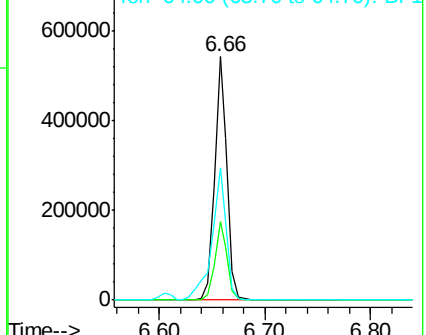


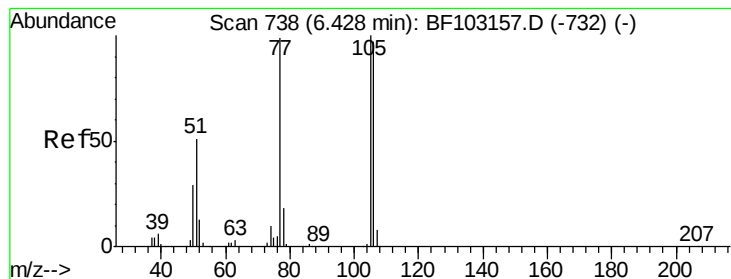
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.470 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampled :

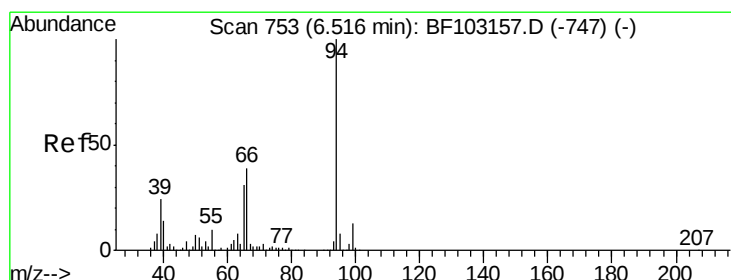
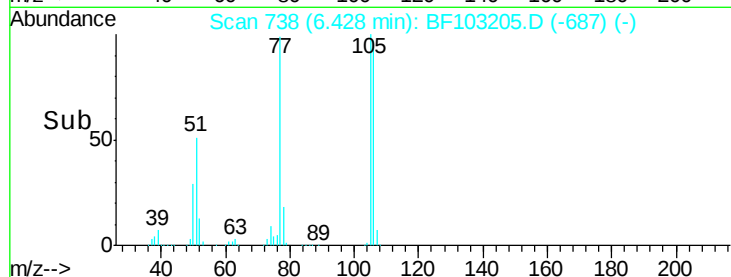
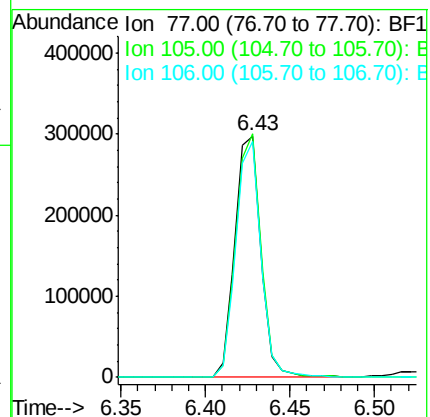
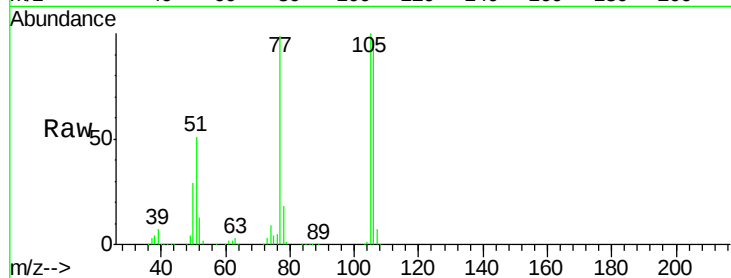
Tot Ion: 77 Resp: 317568

Ion Ratio Lower Upper

77 100

105 100.8 81.1 121.1

106 97.6 74.5 114.5



#10

Phenol

Concen: 39.497 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

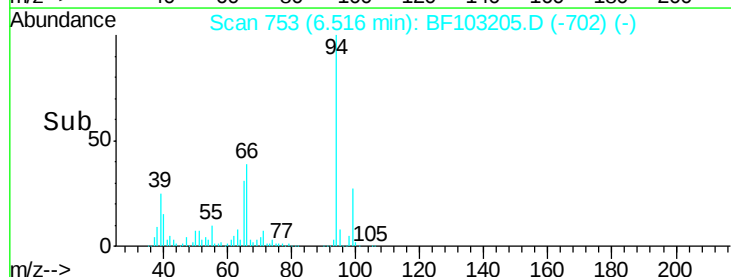
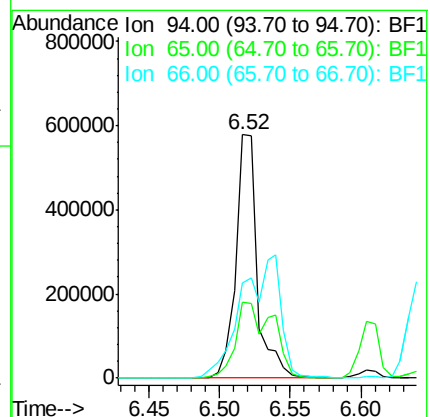
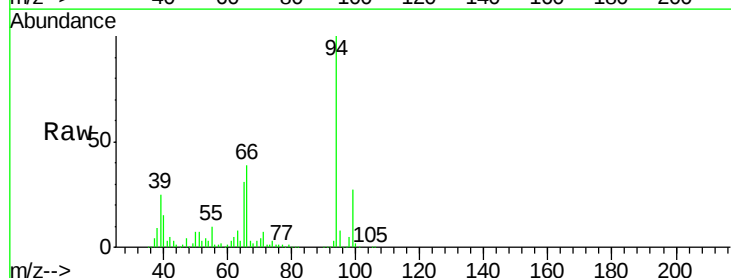
Tgt Ion: 94 Resp: 615783

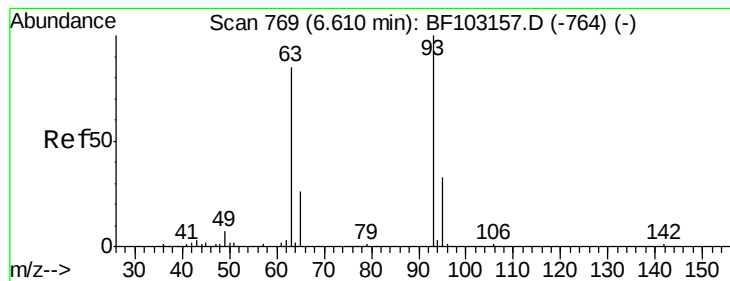
Ion Ratio Lower Upper

94 100

65 31.0 7.9 47.9

66 39.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.770 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

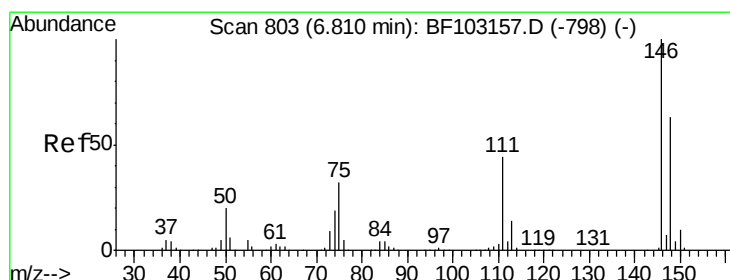
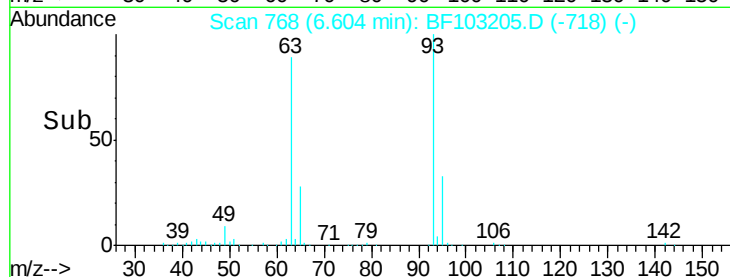
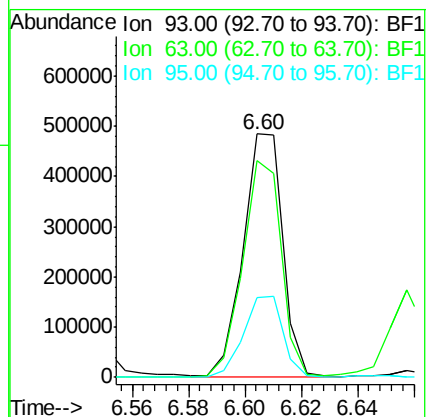
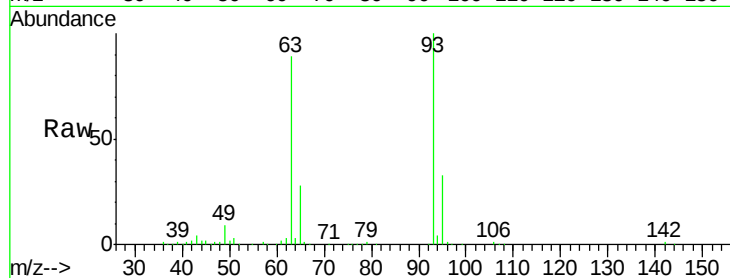
Tot Ion: 93 Resp: 470595

Ion Ratio Lower Upper

93 100

63 89.0 58.6 98.6

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.359 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

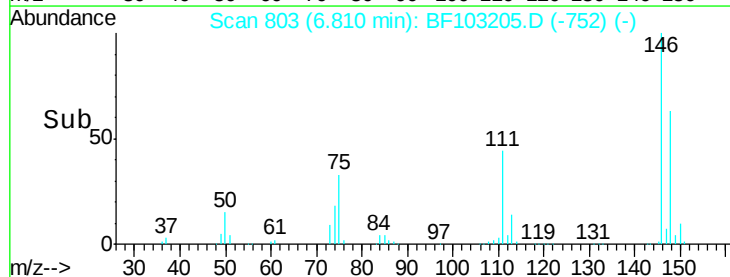
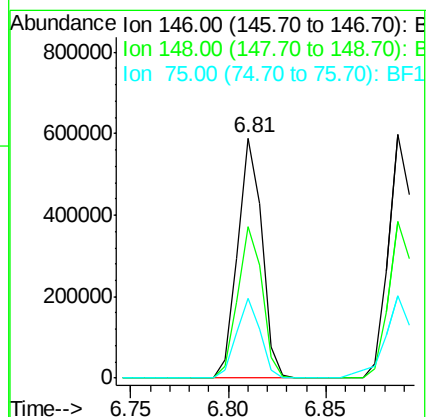
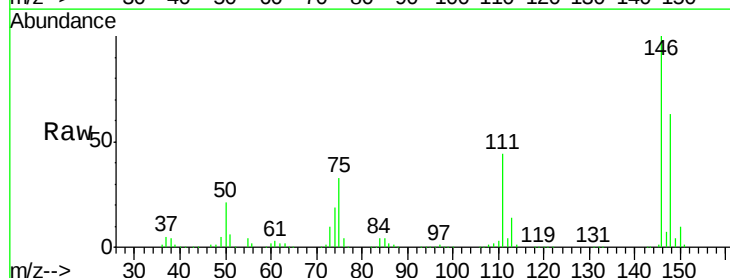
Tgt Ion: 146 Resp: 512818

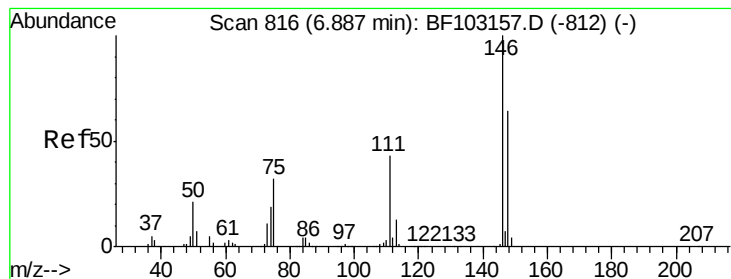
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

75 33.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.133 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

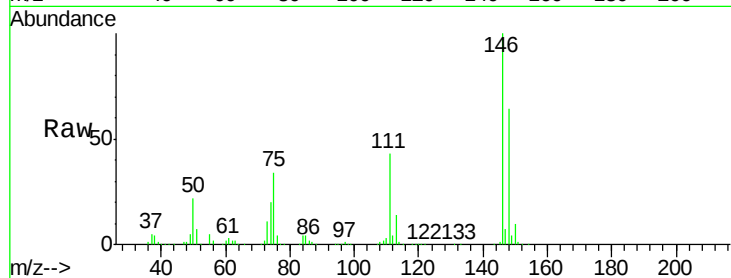
Tot Ion:146 Resp: 511193

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

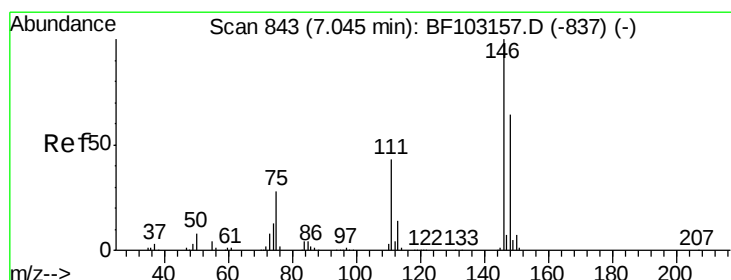
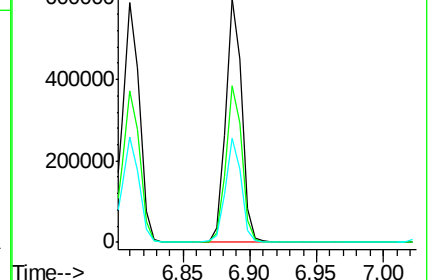
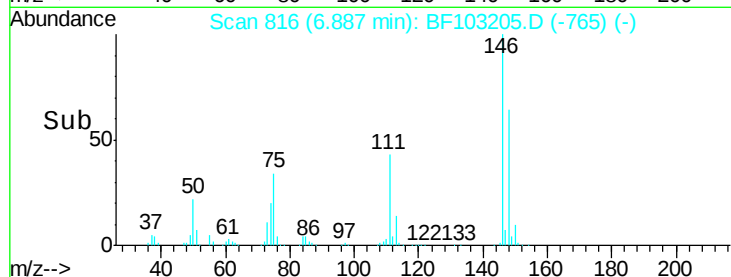
111 42.7 34.2 51.2



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: 38.902 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

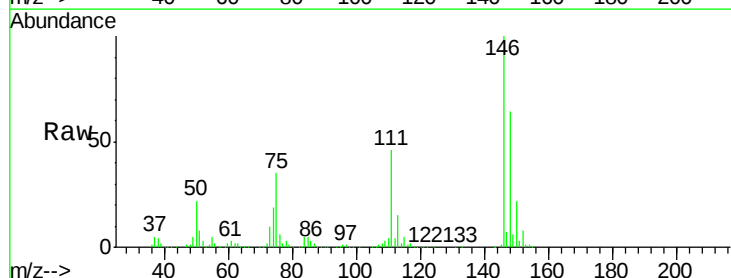
Tgt Ion:146 Resp: 468585

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

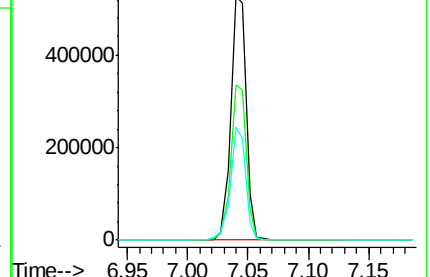
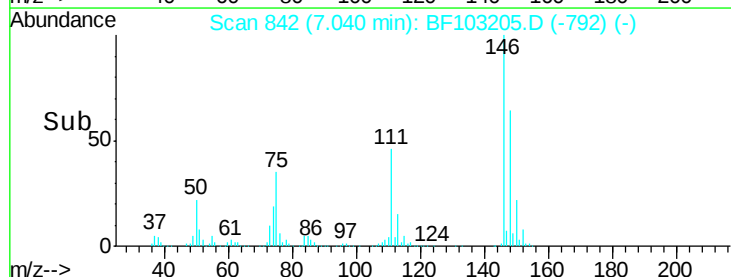
111 46.3 36.0 54.0



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: 39.118 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :
BNA_F
ClientSampled :

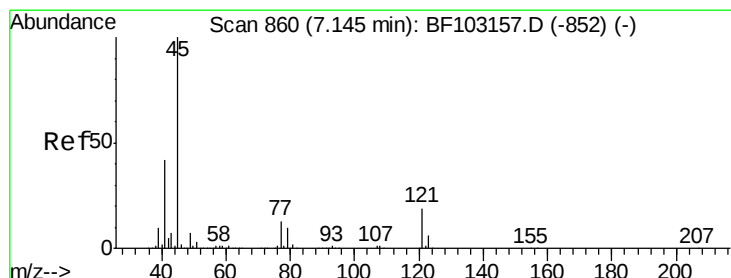
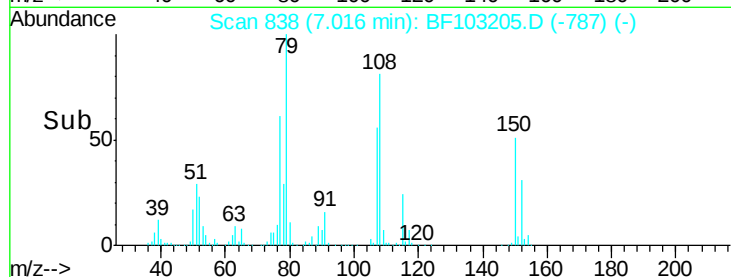
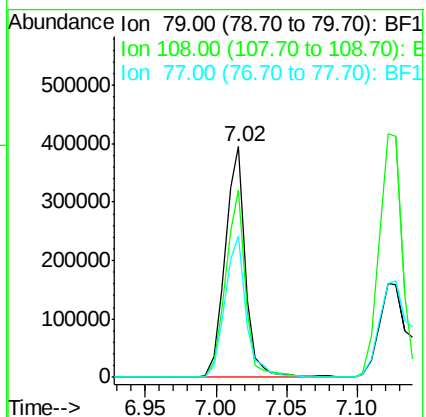
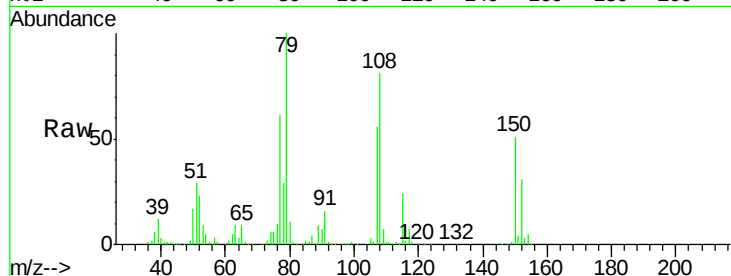
Tot Ion: 79 Resp: 395881

Ion Ratio Lower Upper

79 100

108 81.4 65.1 97.7

77 61.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.285 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

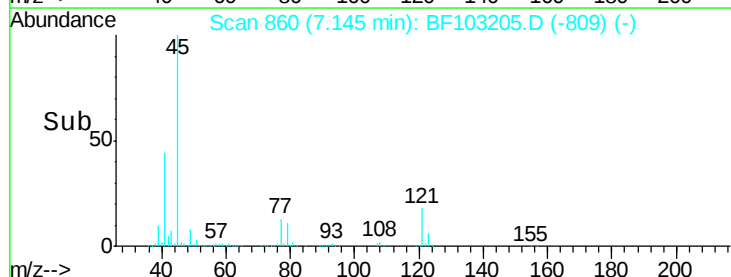
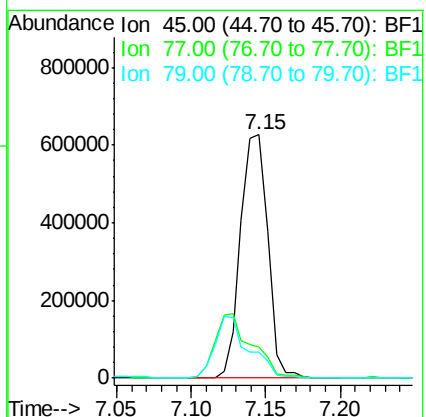
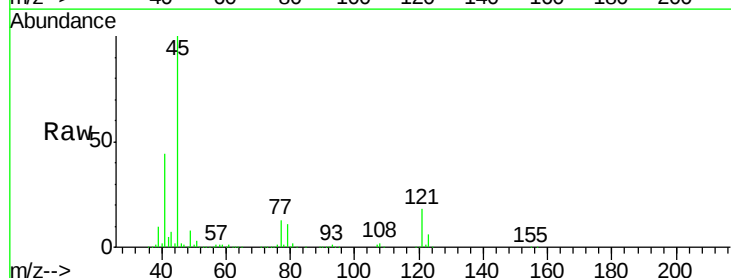
Tgt Ion: 45 Resp: 798259

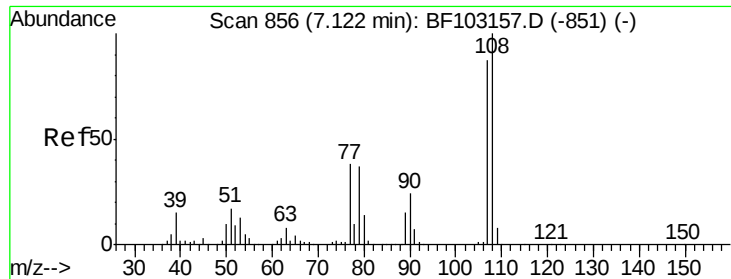
Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.9

79 10.5 0.0 29.6

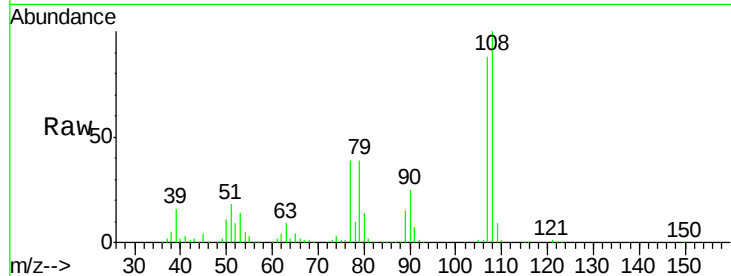




#17
2-Methylphenol
Concen: 39.598 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	44.1	33.8	50.8
79	44.0	33.8	50.8



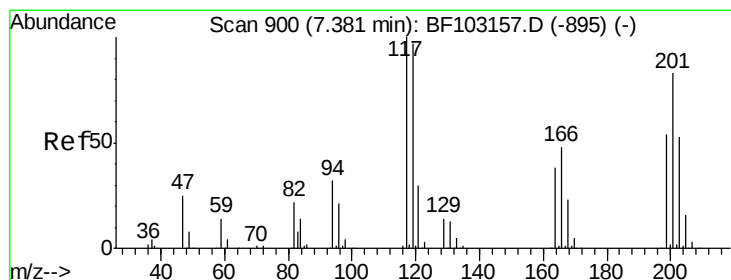
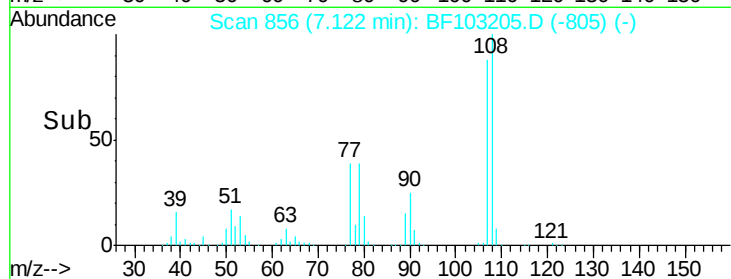
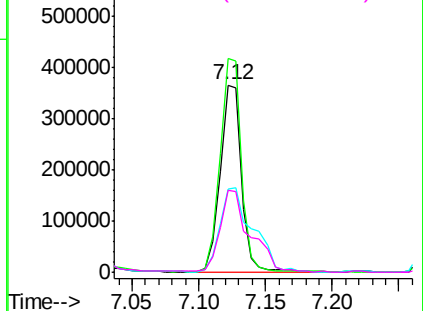
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

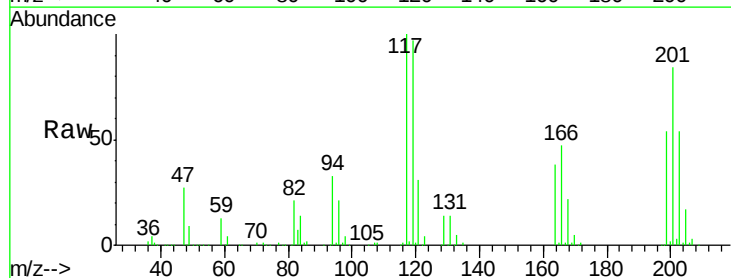
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.690 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	83.5	75.7	113.5

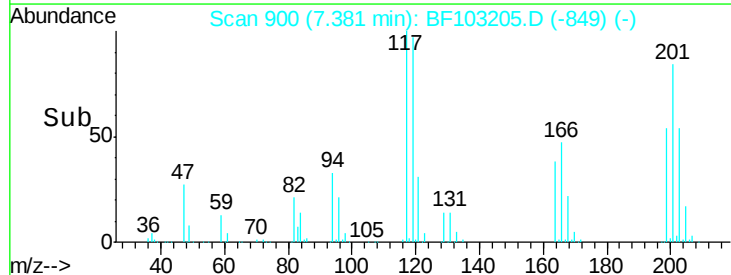
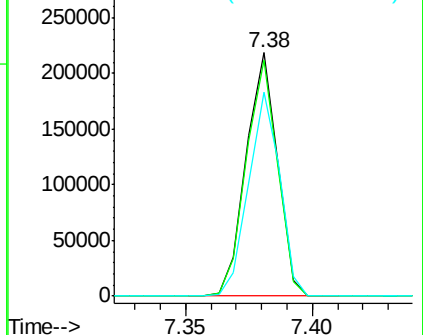


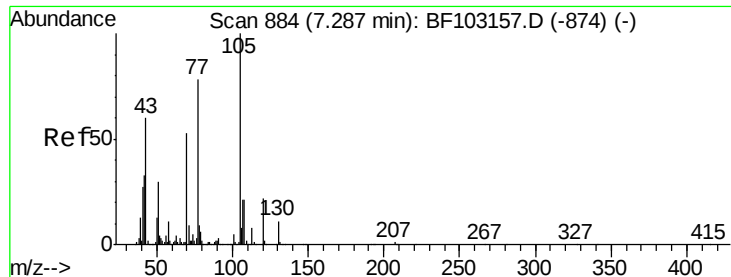
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

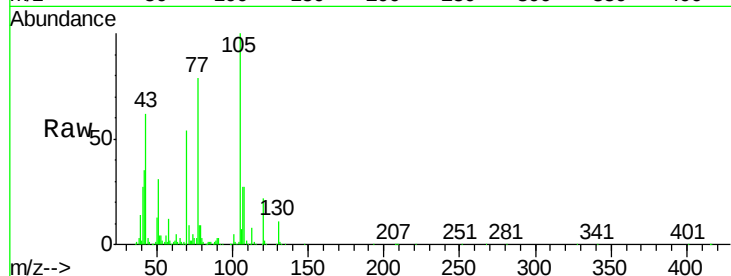




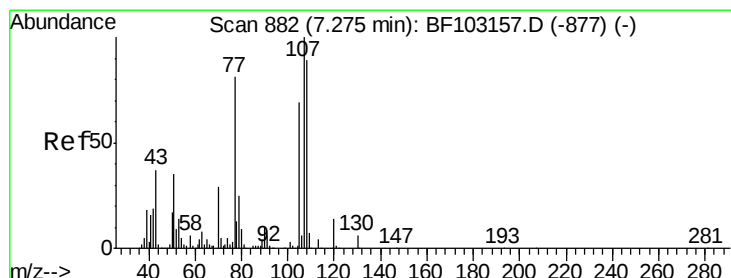
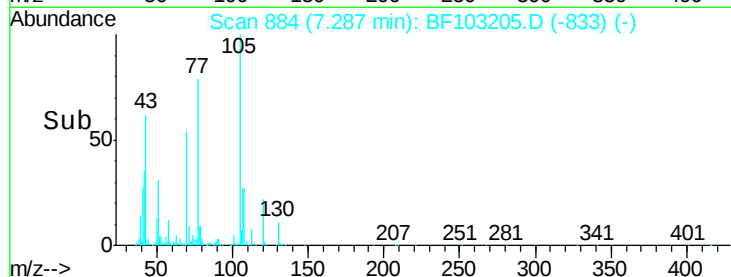
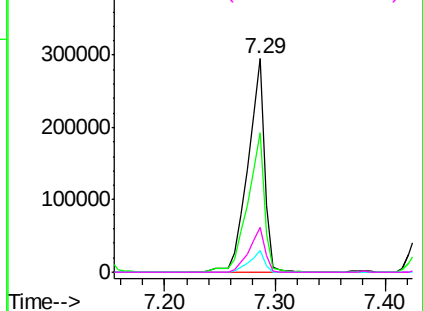
#19
n-Nitroso-di-n-propylamine
Concen: 37.537 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 313749
Ion Ratio Lower Upper
70 100
42 65.1 47.5 71.3
101 10.0 7.4 11.2
130 21.1 16.6 25.0

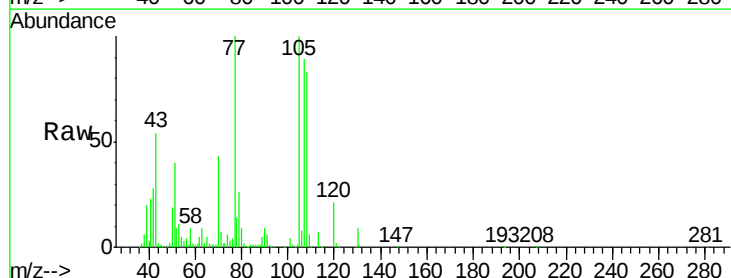


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

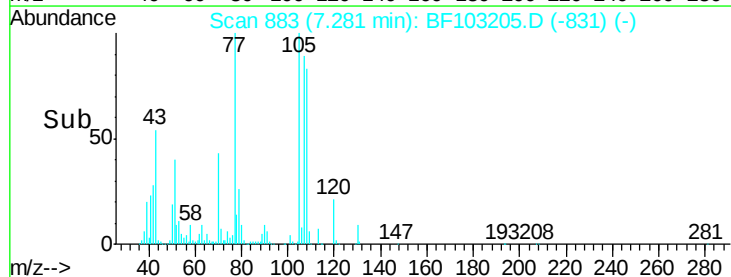
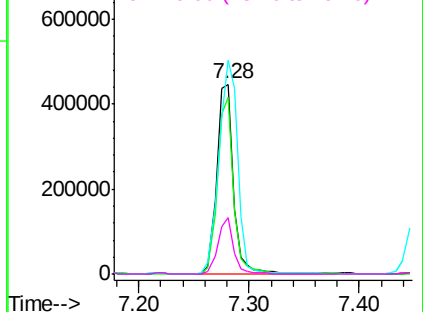


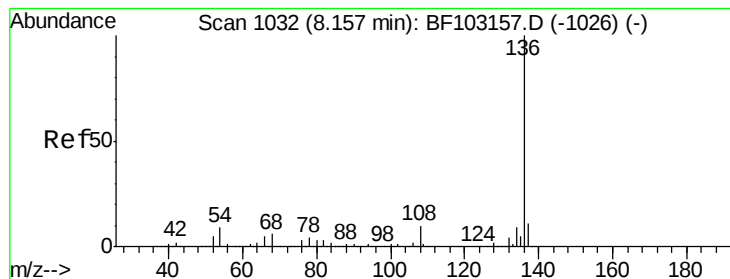
#20
3+4-Methylphenols
Concen: 36.932 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion: 107 Resp: 466458
Ion Ratio Lower Upper
107 100
108 93.3 68.2 108.2
77 112.6 26.7 66.7#
79 29.6 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: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 698657

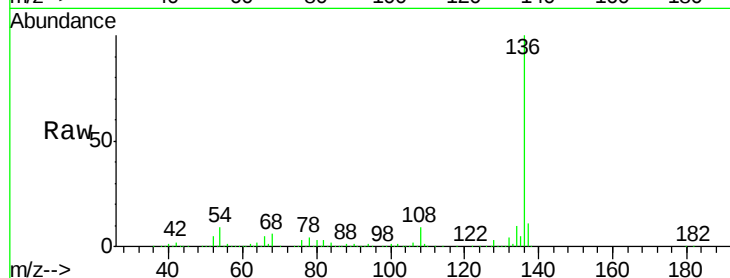
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.8 6.6 9.8

68 6.2 5.0 7.4

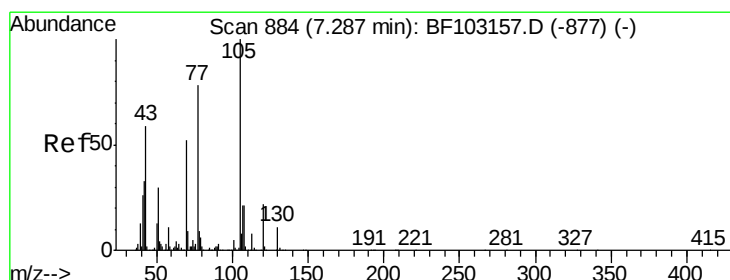
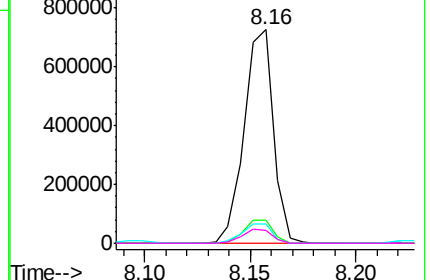
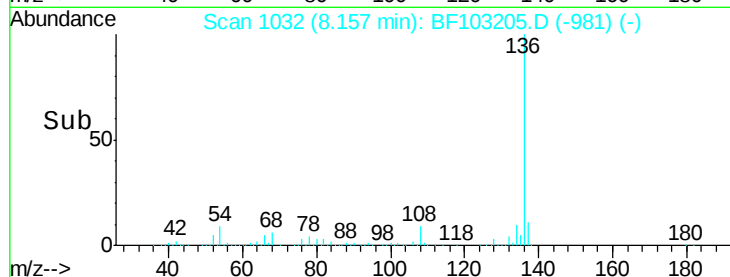


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.008 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Tgt Ion:105 Resp: 619829

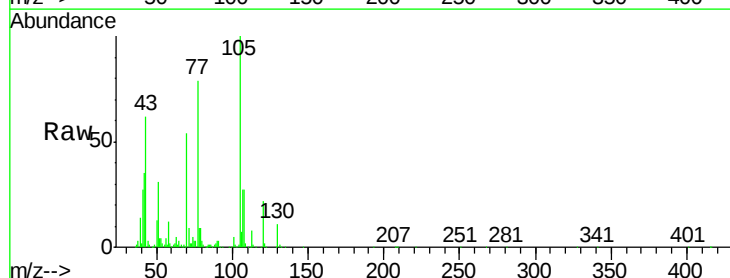
Ion Ratio Lower Upper

105 100

71 9.3 4.4 6.6#

51 30.6 22.3 33.5

120 21.8 16.9 25.3

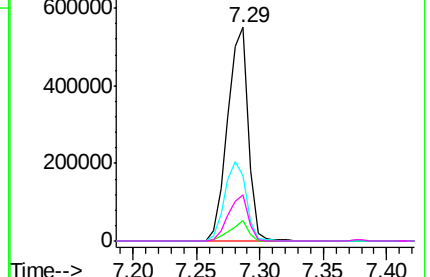
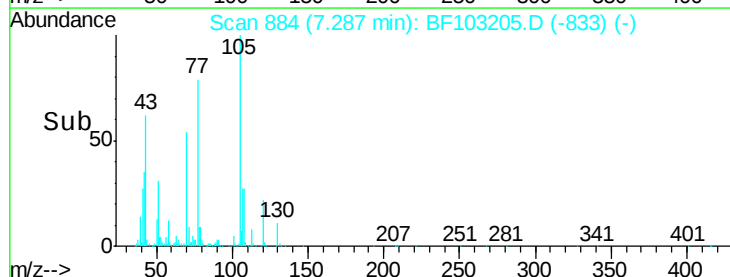


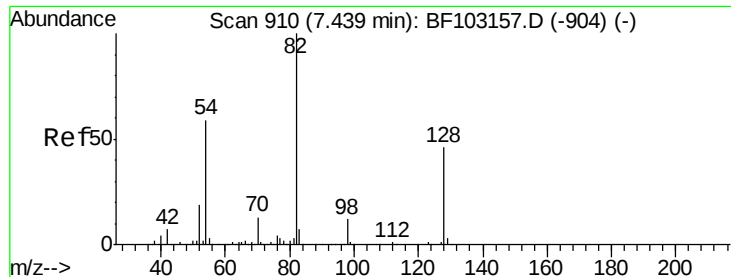
Abundance Ion 105.00 (104.70 to 105.70): E

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

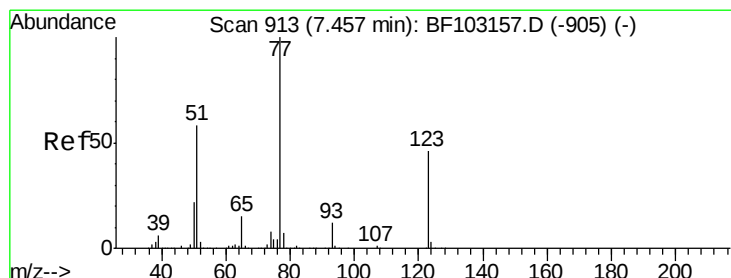
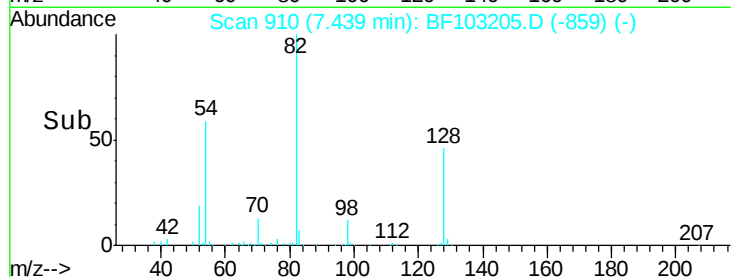
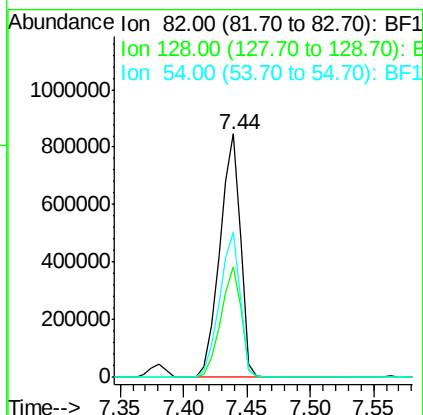
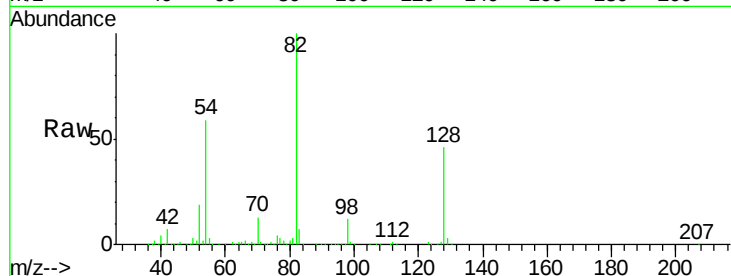




#23
Nitrobenzene-d5
Concen: 78.406 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

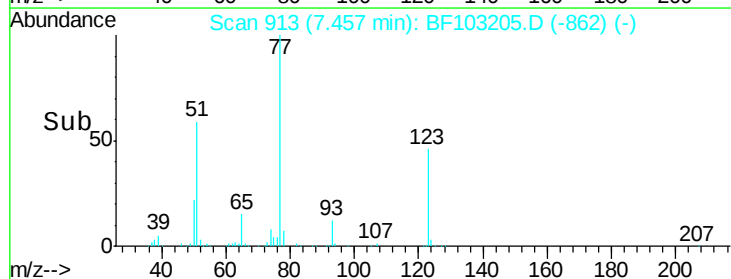
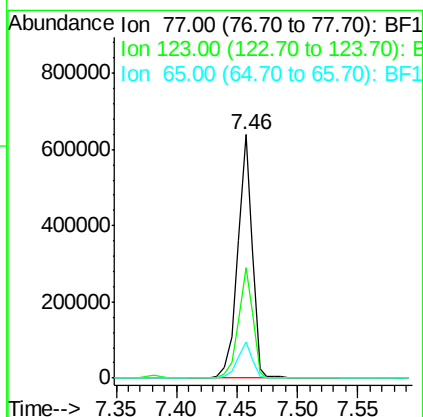
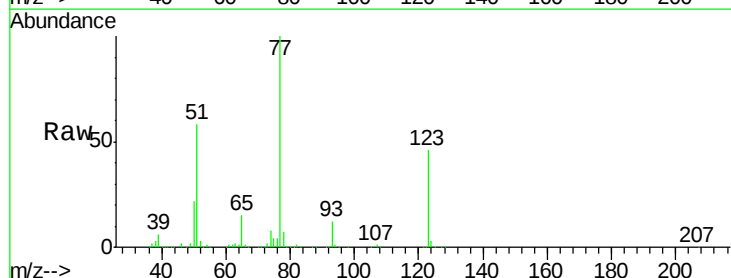
Instrument :
BNA_F
ClientSampleId :

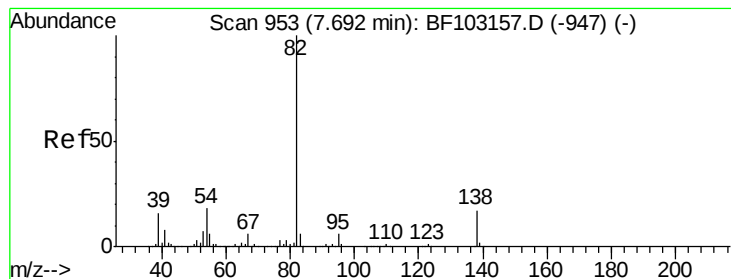
Tot Ion: 82 Resp: 959213
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 59.4 41.4 62.2



#24
Nitrobenzene
Concen: 39.489 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion: 77 Resp: 531900
Ion Ratio Lower Upper
77 100
123 45.6 37.9 56.9
65 15.1 11.0 16.4





#25

Isophorone

Concen: 38.476 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

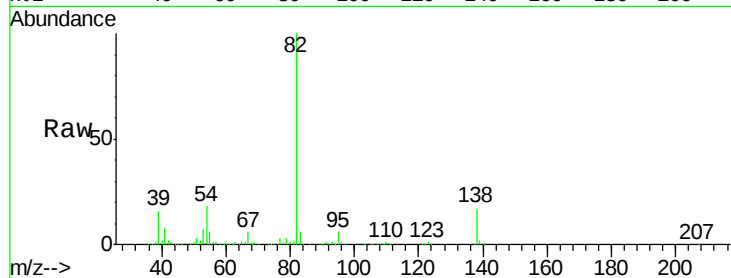
Tot Ion: 82 Resp: 927079

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

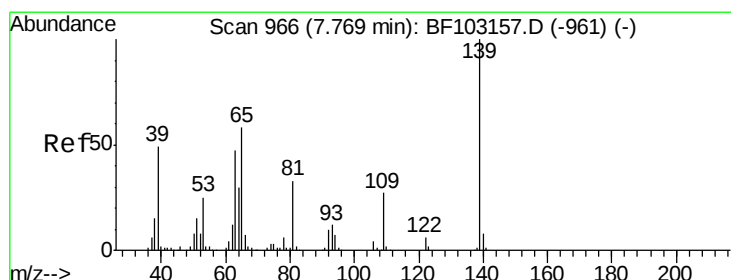
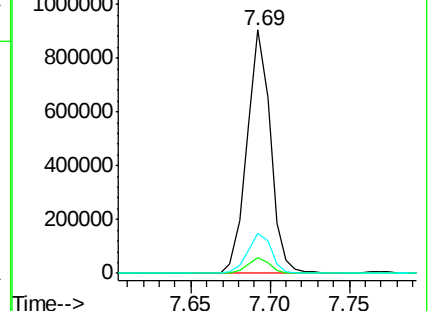
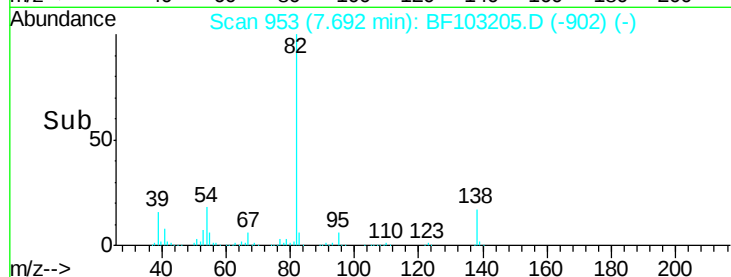
138 16.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.492 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

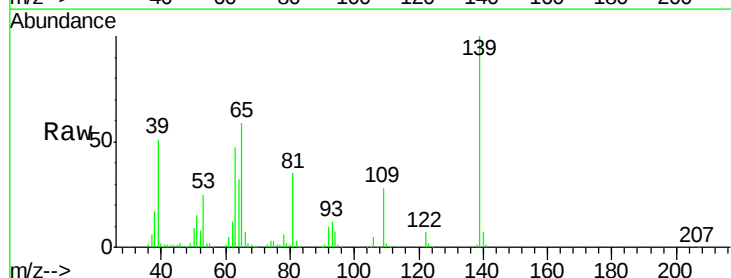
Tgt Ion: 139 Resp: 256755

Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

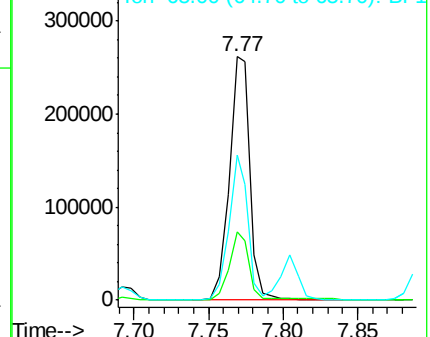
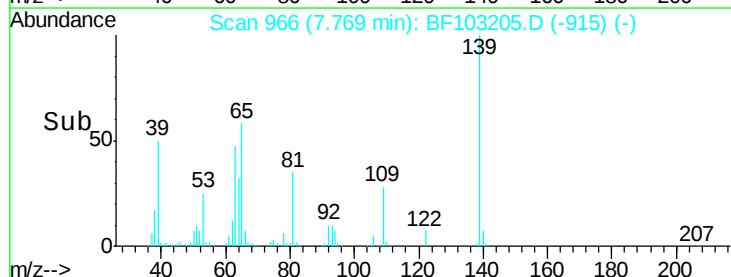
65 59.4 40.5 60.7

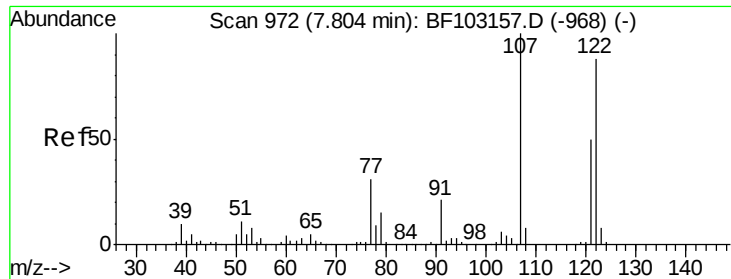


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

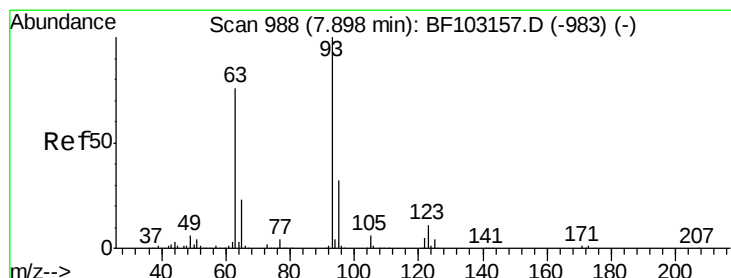
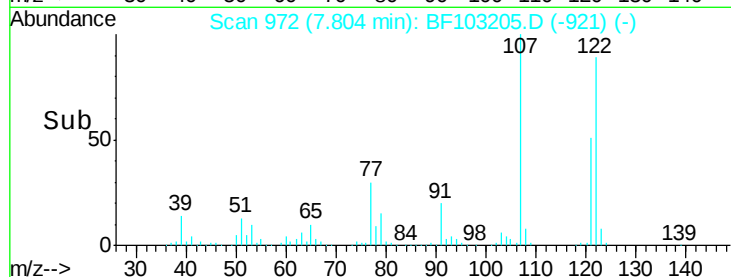
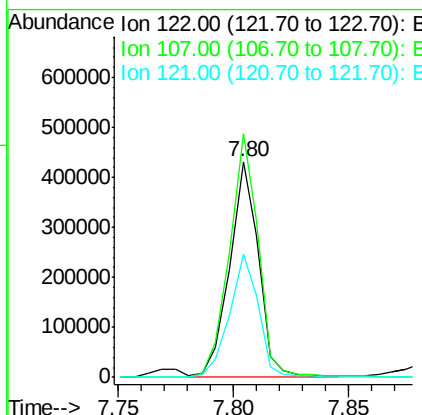
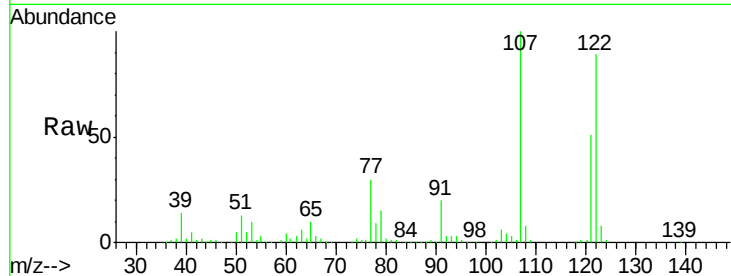




#27
 2,4-Dimethylphenol
 Concen: 38.856 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

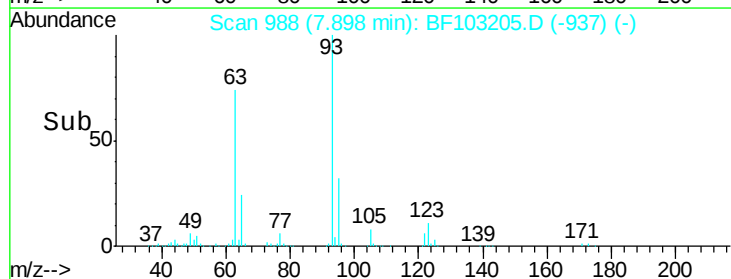
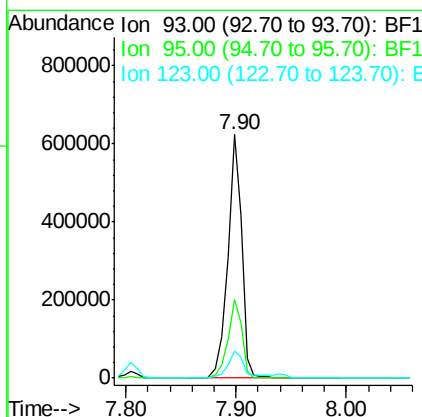
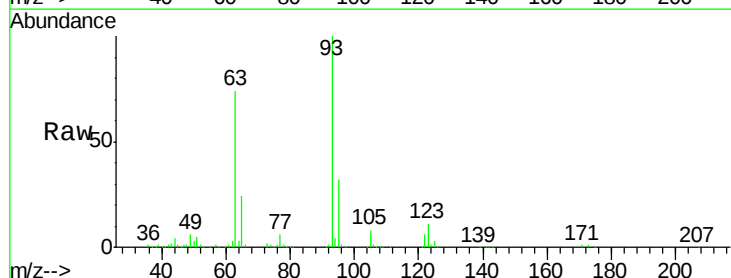
Instrument :
 BNA_F
 ClientSampleId :

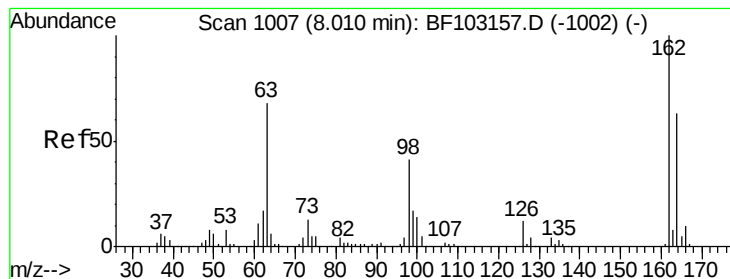
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	91.2	136.8
121	57.4	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.949 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.2	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 39.200 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampled :

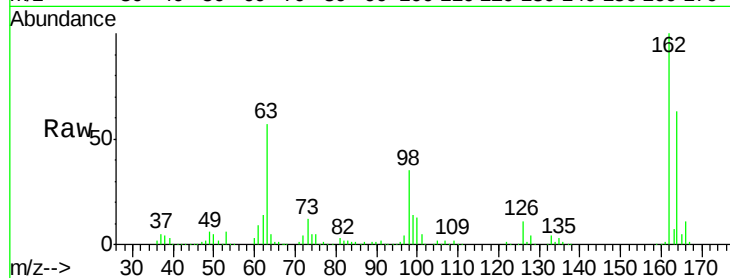
Tot Ion:162 Resp: 363762

Ion Ratio Lower Upper

162 100

164 62.8 42.7 82.7

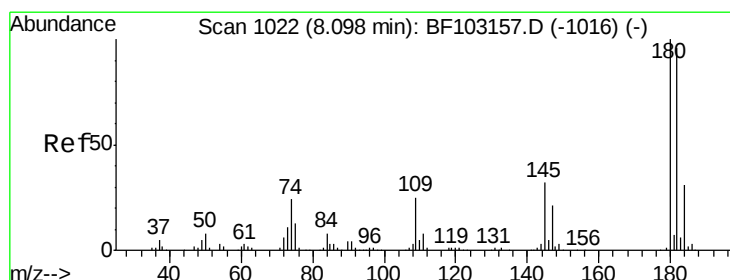
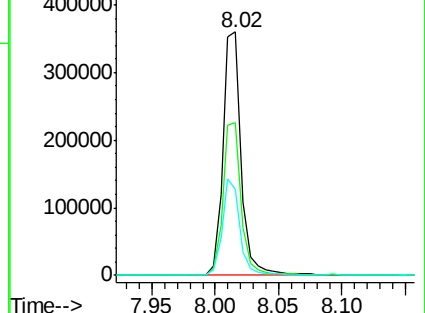
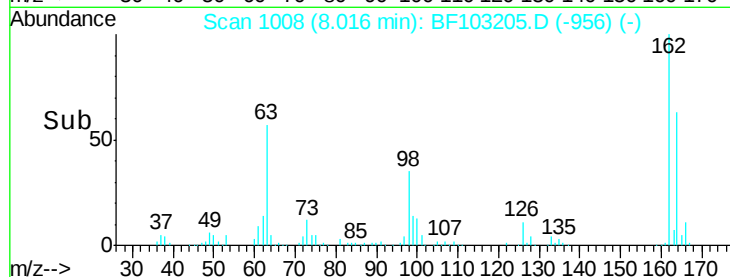
98 35.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.964 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

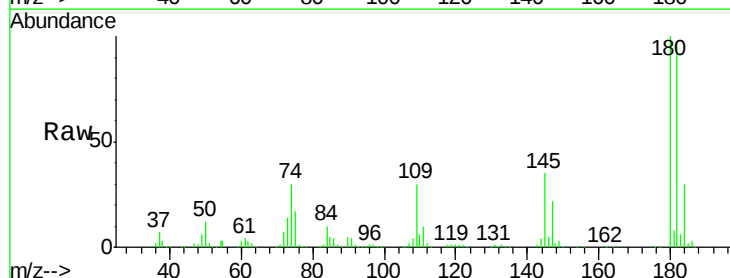
Tgt Ion:180 Resp: 385028

Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

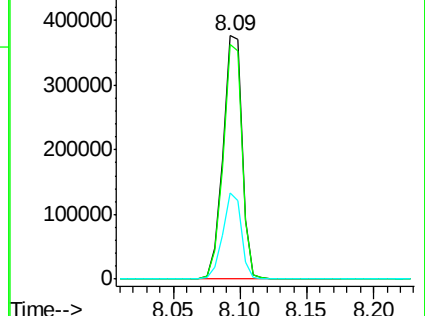
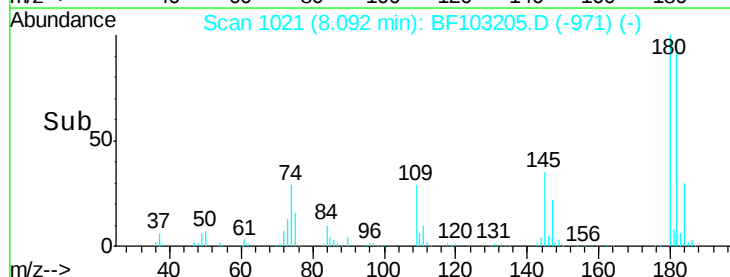
145 35.5 26.5 39.7

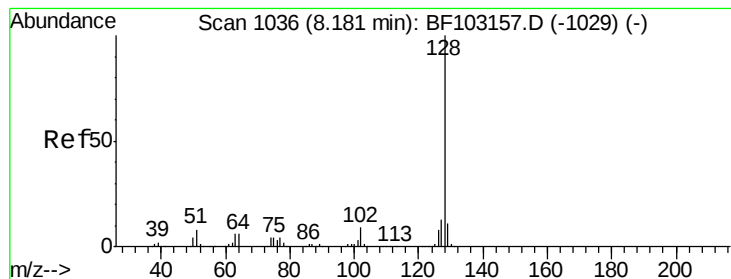


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.222 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

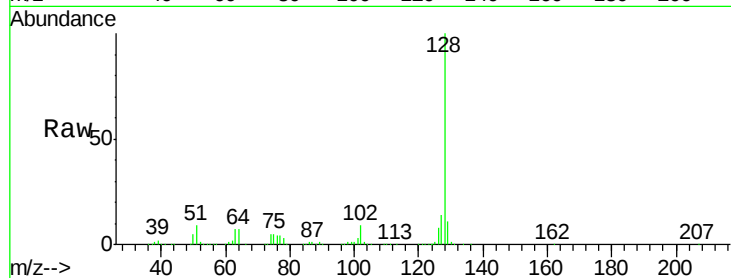
Tot Ion:128 Resp: 1307374

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

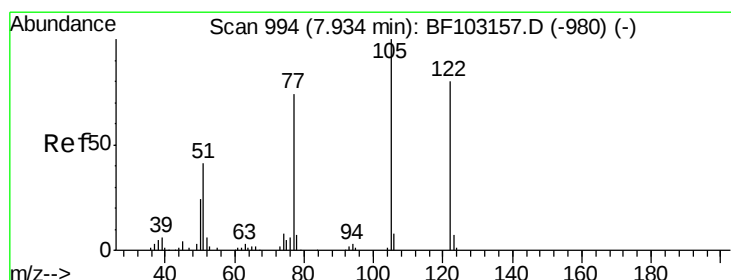
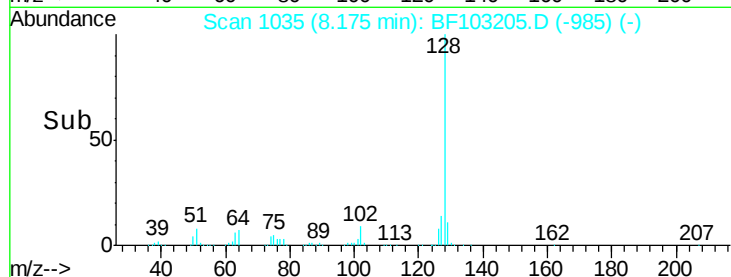
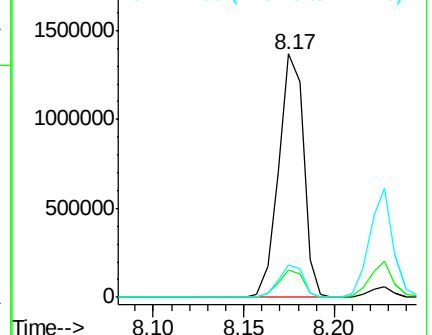
127 13.6 10.9 16.3



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: 46.039 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

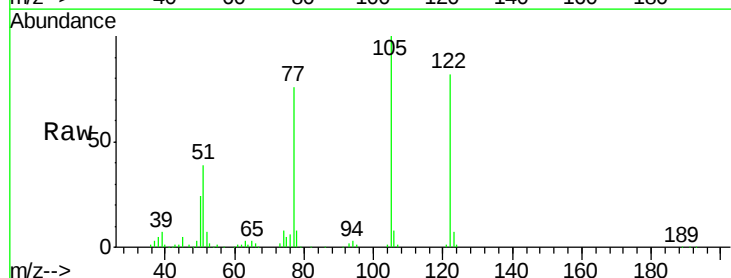
Tgt Ion:122 Resp: 328682

Ion Ratio Lower Upper

122 100

105 121.4 101.1 141.1

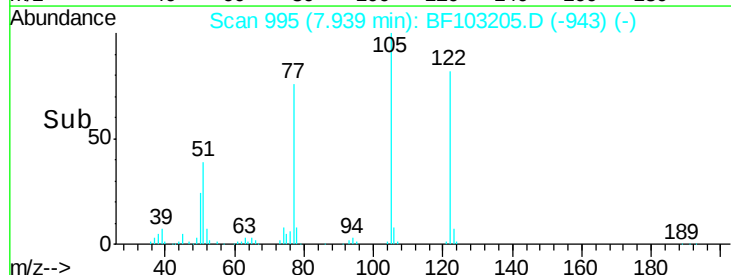
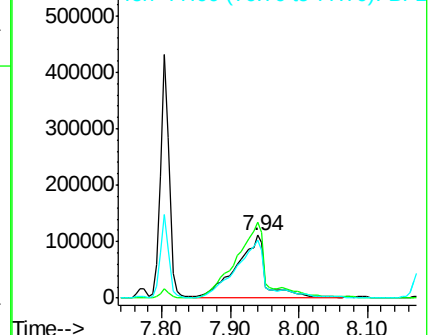
77 92.3 70.7 110.7

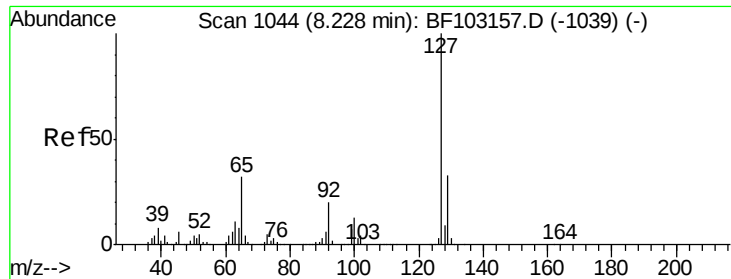


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

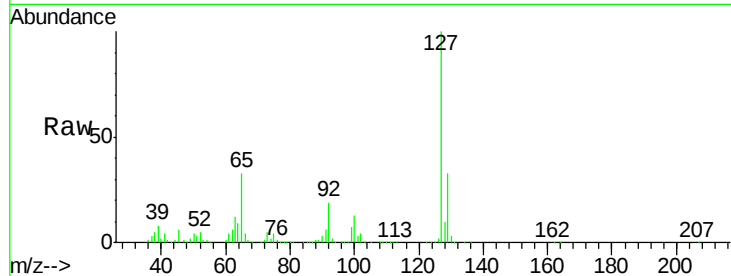




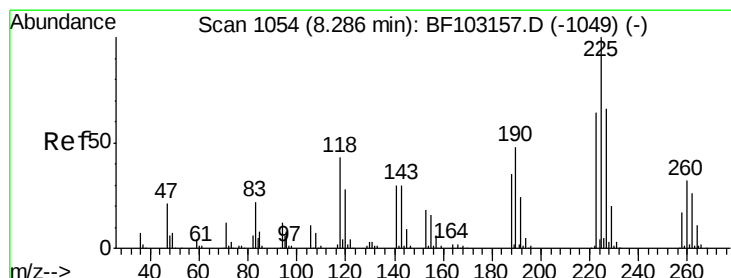
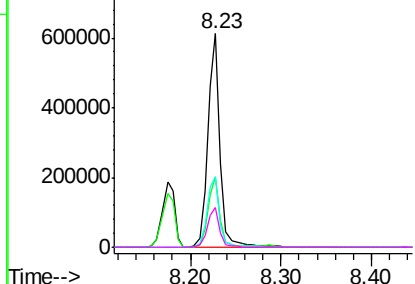
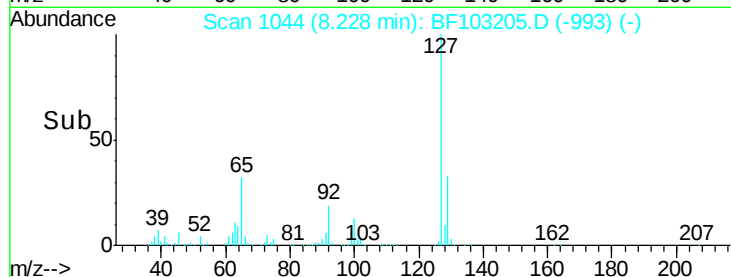
#33
4-Chloroaniline
Concen: 38.861 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	573593
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	32.9	25.0	37.4
92	18.6	15.2	22.8

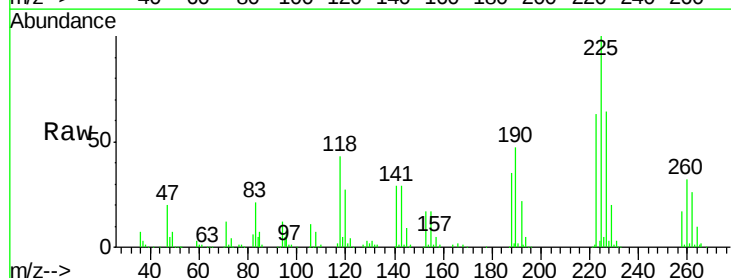


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

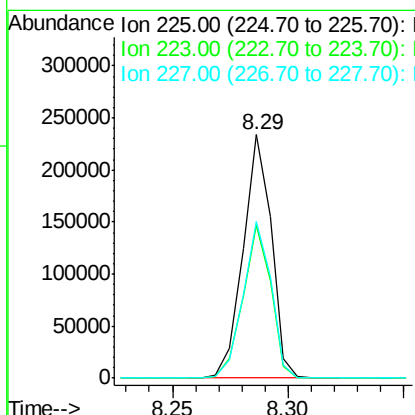
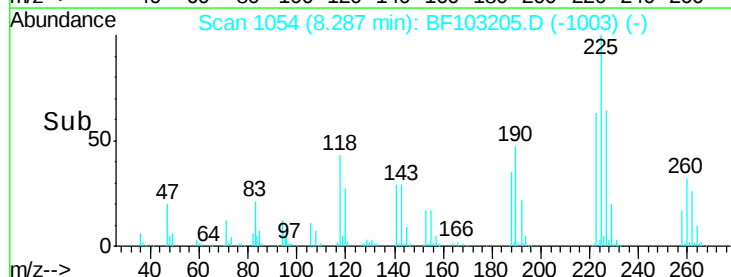


#34
Hexachlorobutadiene
Concen: 38.780 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion:	225	Resp:	199556
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	64.1	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

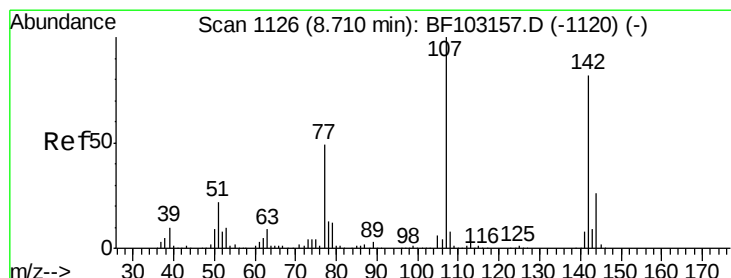
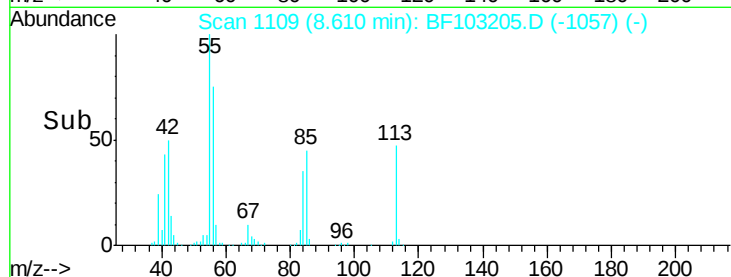
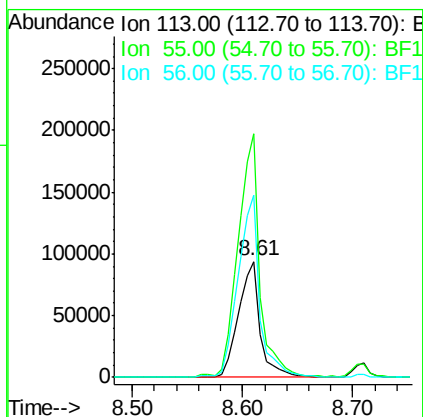
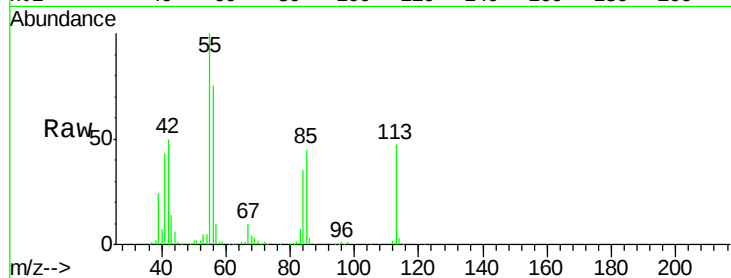




#35
Caprolactam
Concen: 39.637 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

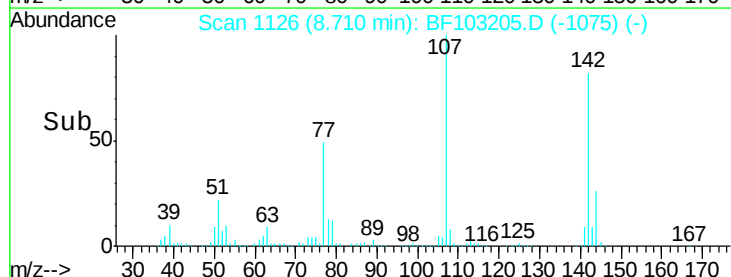
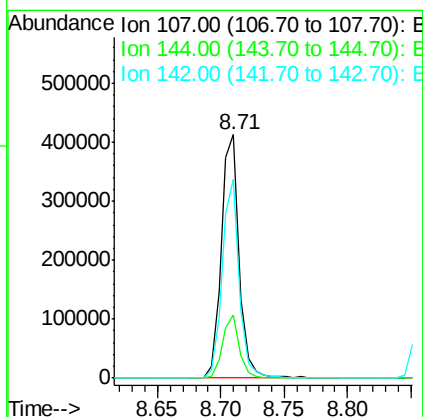
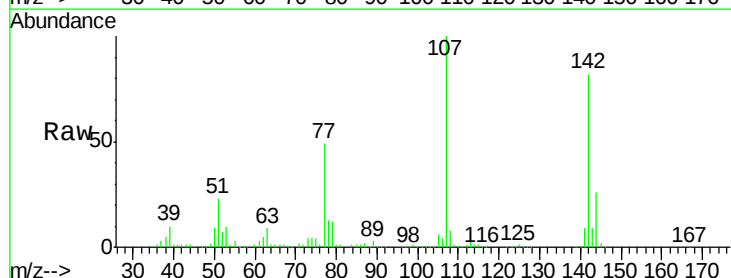
Instrument :
BNA_F
ClientSampleId :

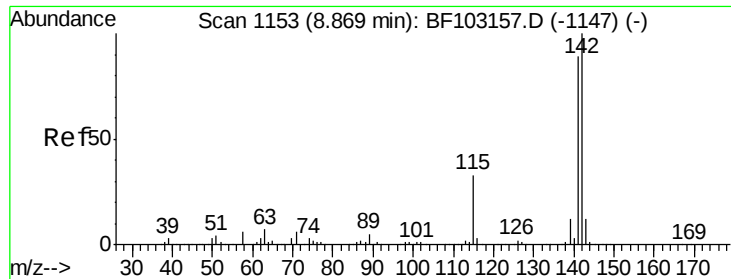
Tot Ion:113 Resp: 129271
Ion Ratio Lower Upper
113 100
55 210.6 163.3 203.3#
56 157.9 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 39.009 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion:107 Resp: 408290
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 81.8 62.0 93.0

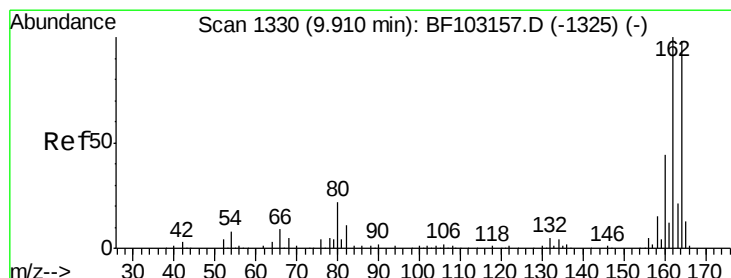
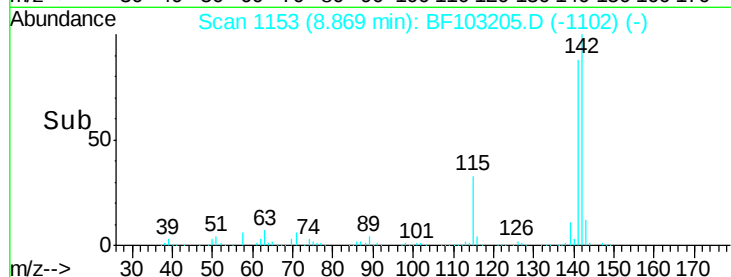
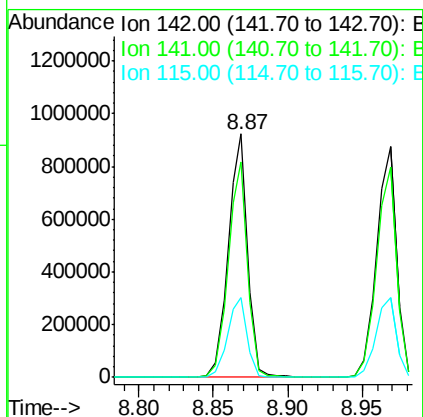
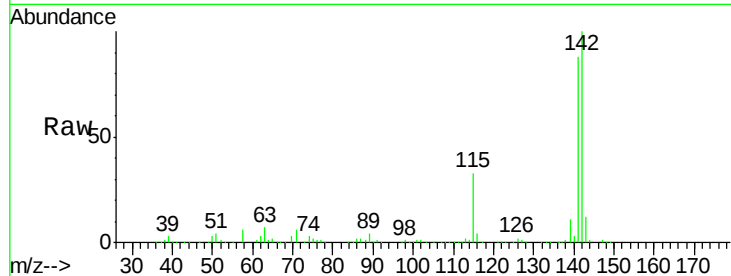




#37
2-Methylnaphthalene
Concen: 38.359 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

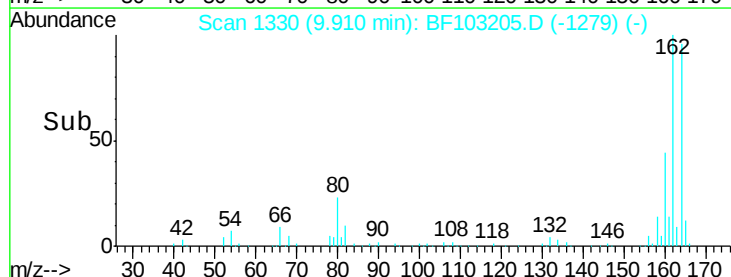
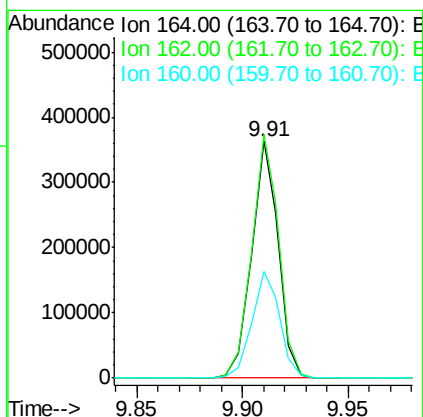
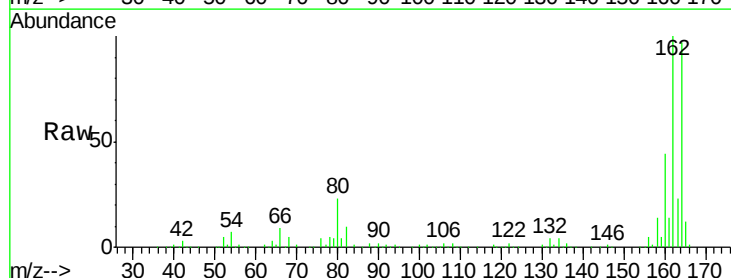
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 847951
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 32.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion:164 Resp: 316347
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 44.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.981 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 337121

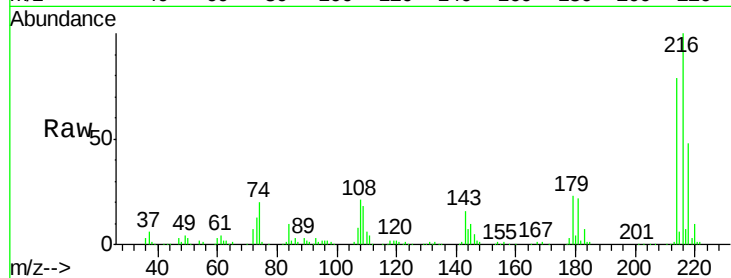
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 23.3 18.1 27.1

108 22.9 17.2 25.8

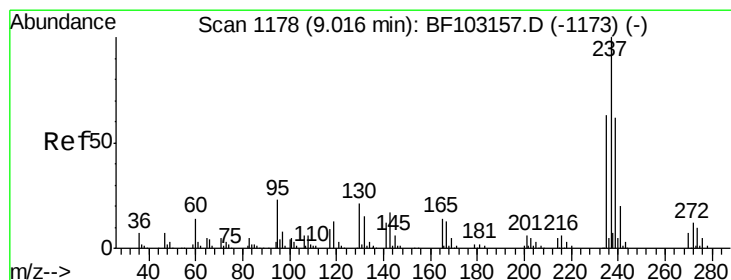
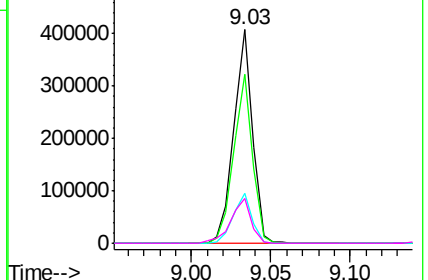
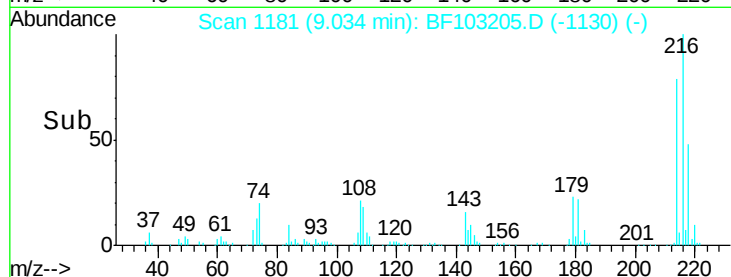


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.039 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

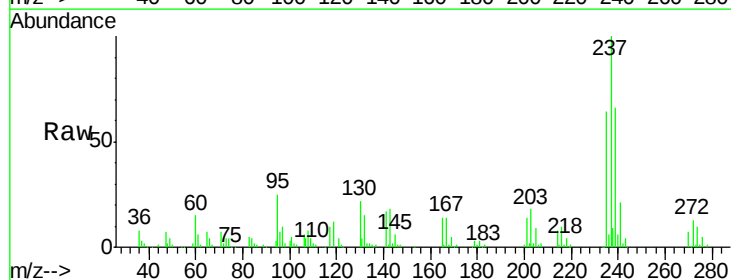
Tgt Ion:237 Resp: 89695

Ion Ratio Lower Upper

237 100

235 64.5 44.8 84.8

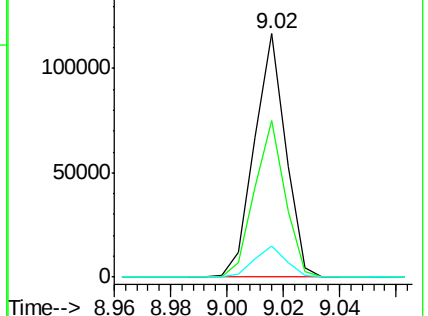
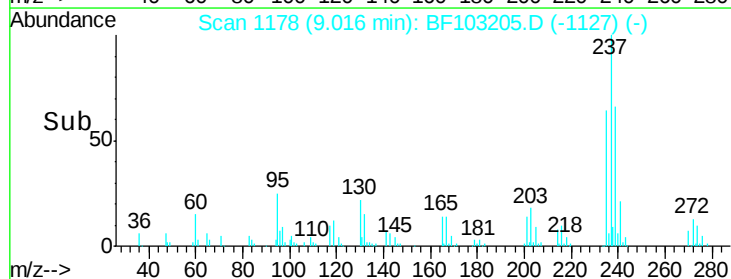
272 12.8 0.0 33.3

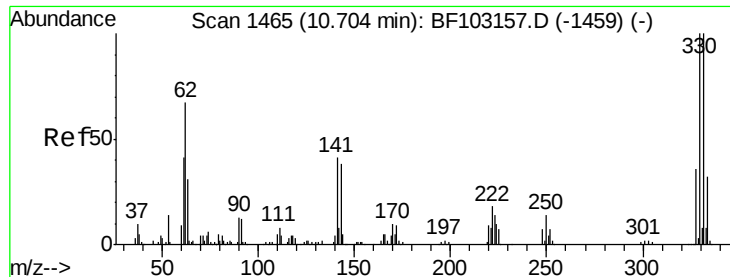


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 76.003 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

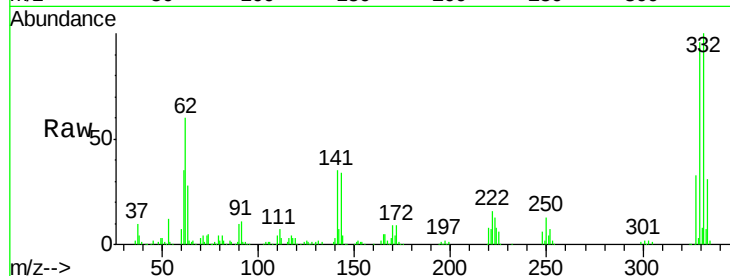
Tot Ion:330 Resp: 203513

Ion Ratio Lower Upper

330 100

332 102.4 77.0 115.6

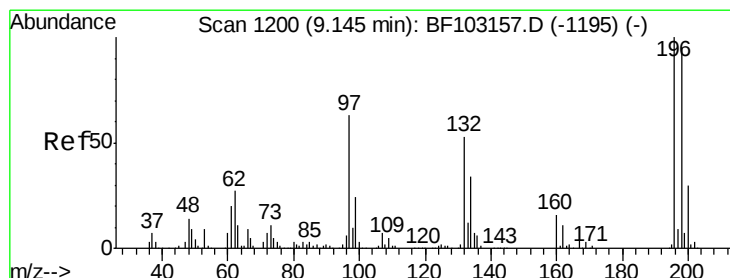
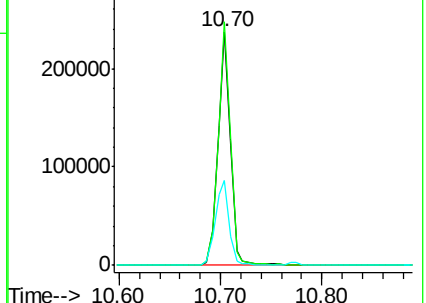
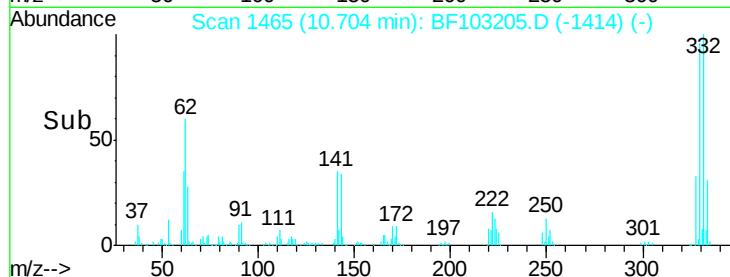
141 39.8 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.318 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

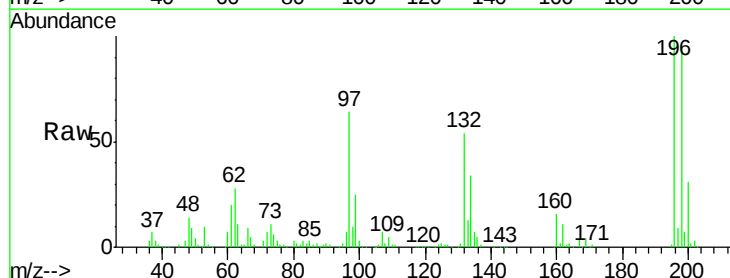
Tgt Ion:196 Resp: 228802

Ion Ratio Lower Upper

196 100

198 96.5 75.7 113.5

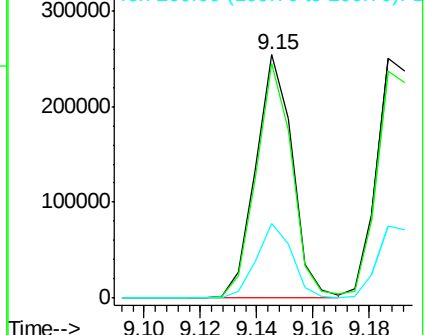
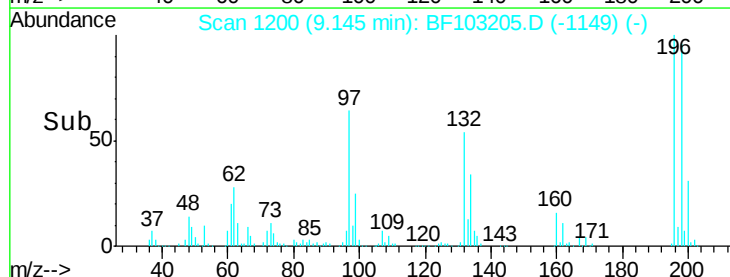
200 30.7 24.5 36.7

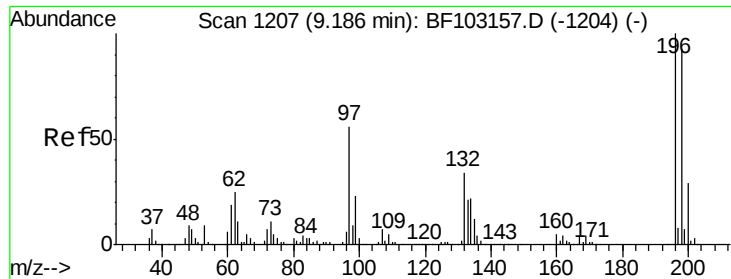


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

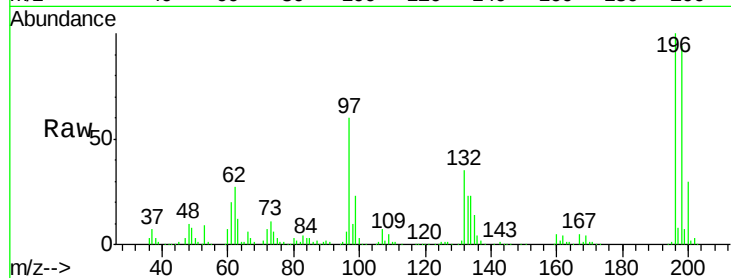




#43
 2,4,5-Trichlorophenol
 Concen: 38.728 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	60.0	42.9	64.3
132	35.4	26.3	39.5



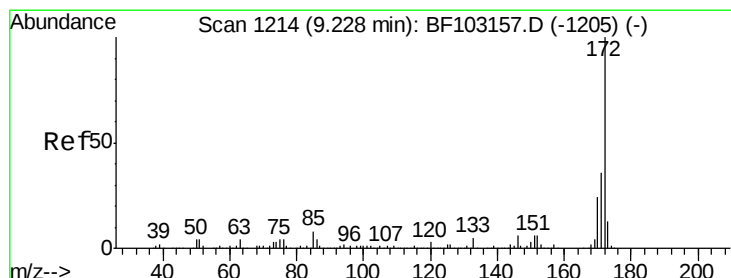
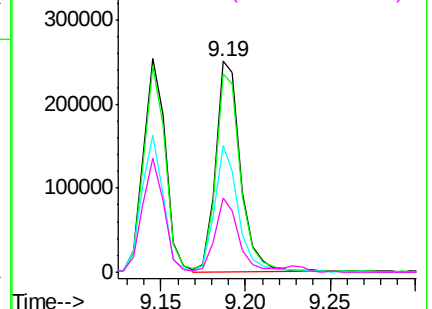
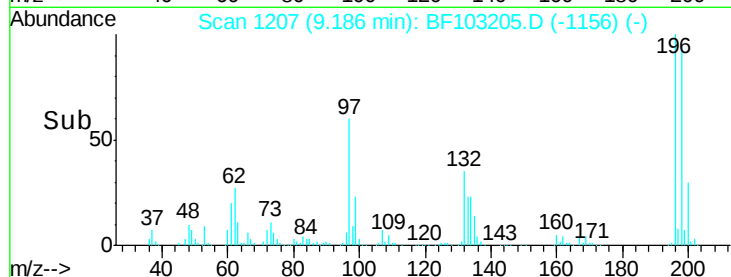
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

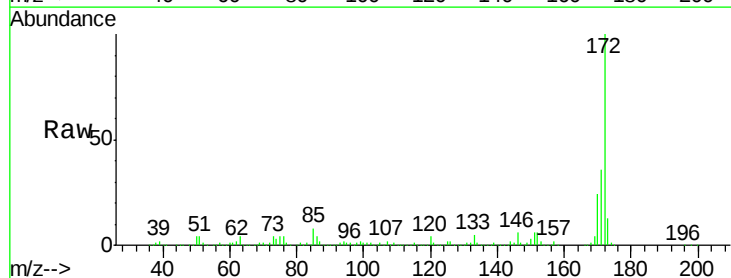
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.656 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

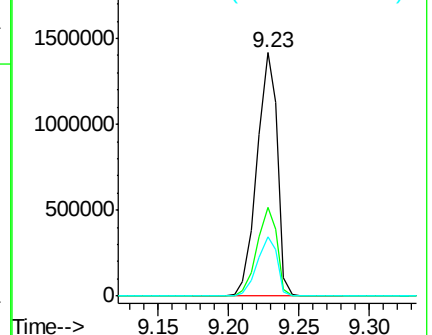
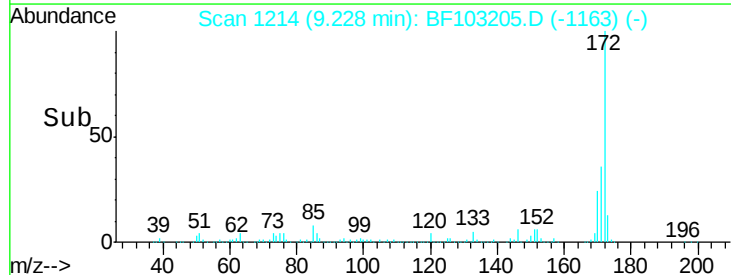


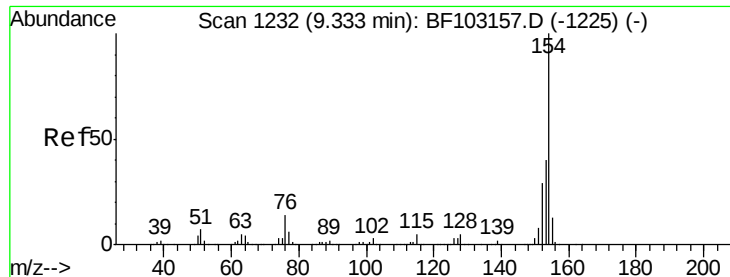
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



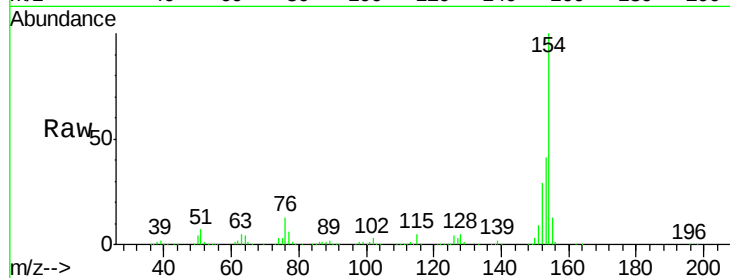


#45
 1,1'-Biphenyl
 Concen: 37.739 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

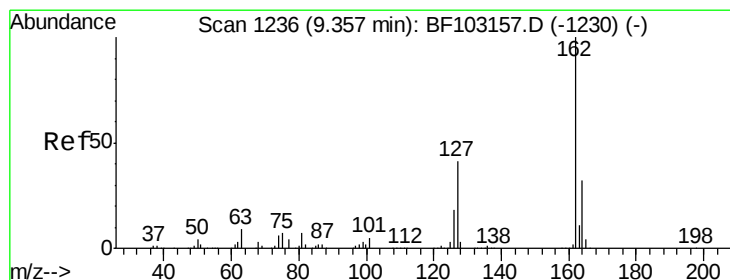
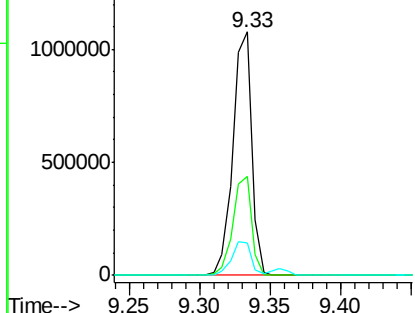
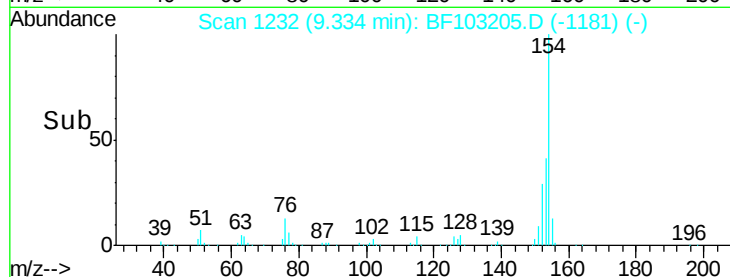
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1000408

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.2	0.0	34.0



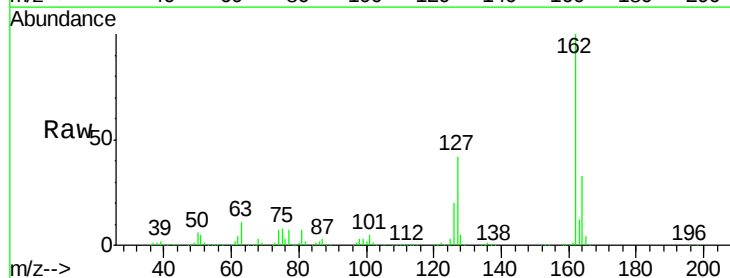
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



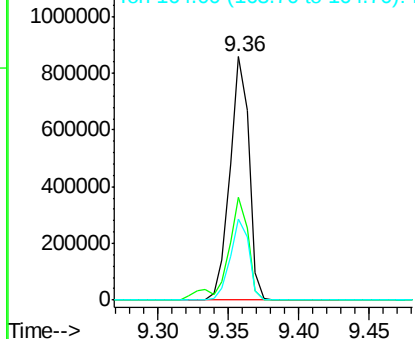
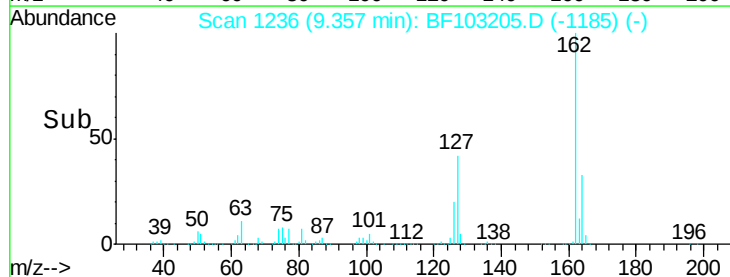
#46
 2-Chloronaphthalene
 Concen: 38.415 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

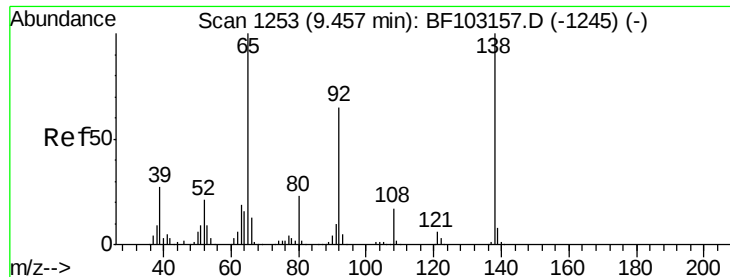
Tgt Ion:162 Resp: 805634

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.9	50.9
164	33.2	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.638 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampled :

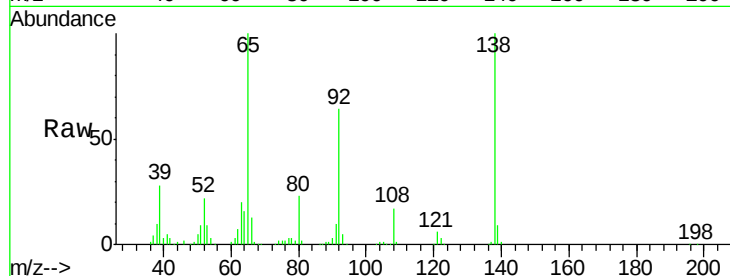
Tot Ion: 65 Resp: 307921

Ion Ratio Lower Upper

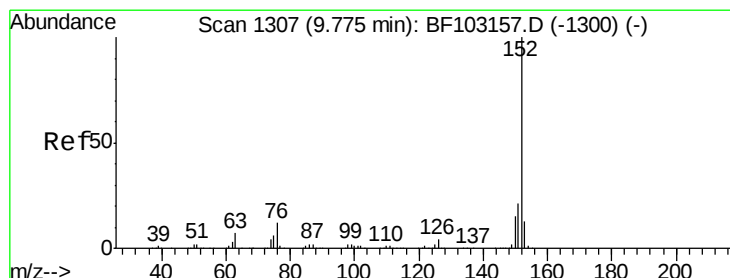
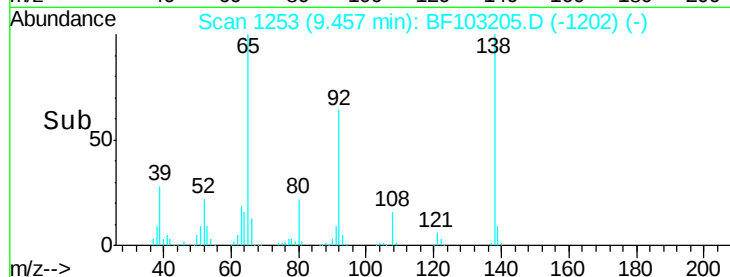
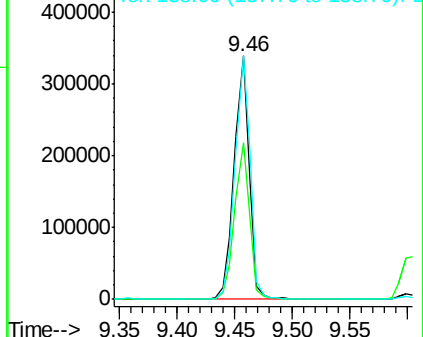
65 100

92 64.4 55.8 83.6

138 100.1 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: 37.439 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

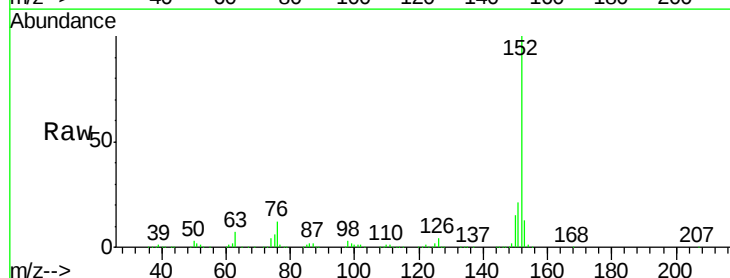
Tgt Ion: 152 Resp: 1208030

Ion Ratio Lower Upper

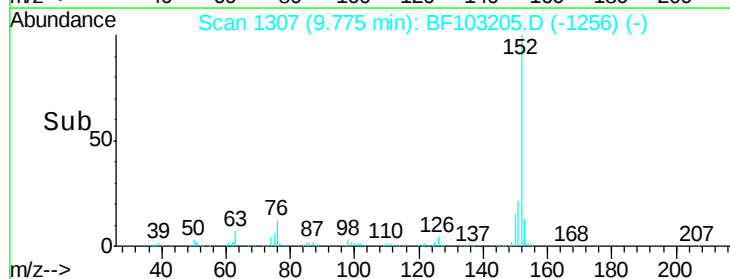
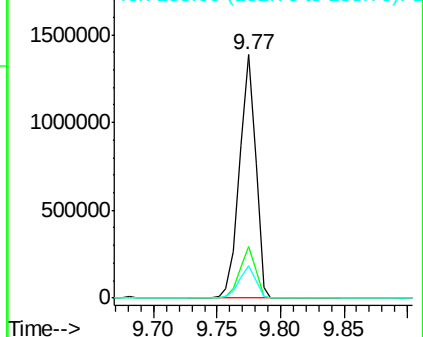
152 100

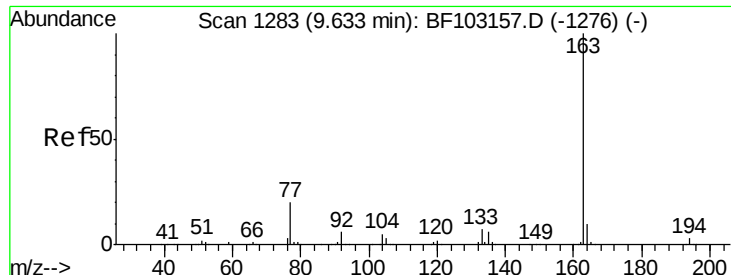
151 21.0 16.3 24.5

153 13.5 10.7 16.1



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

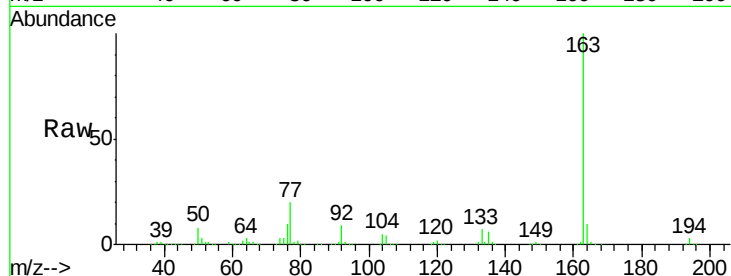




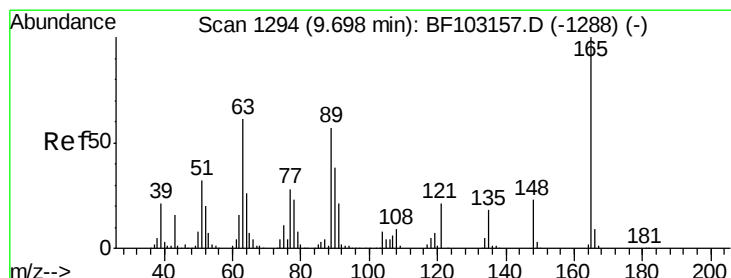
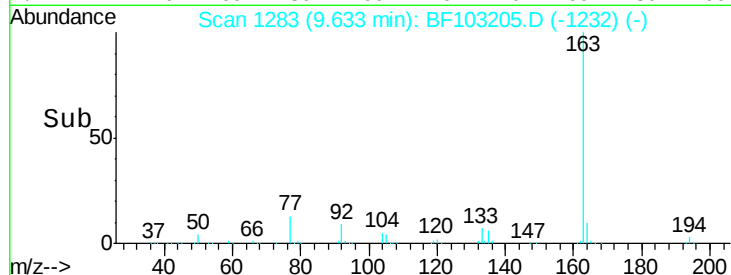
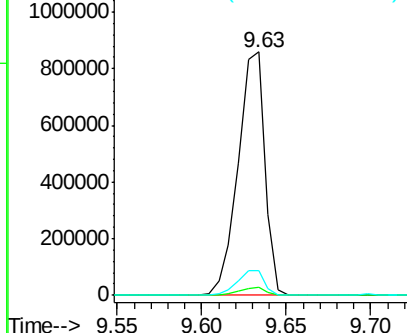
#49
Dimethylphthalate
Concen: 37.613 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 954531
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.2 12.2

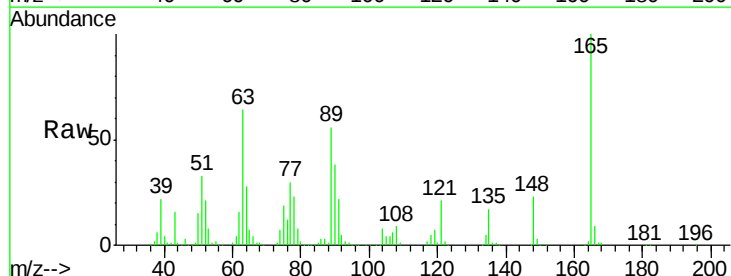


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

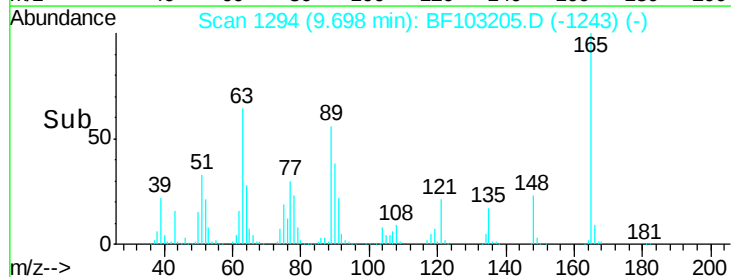
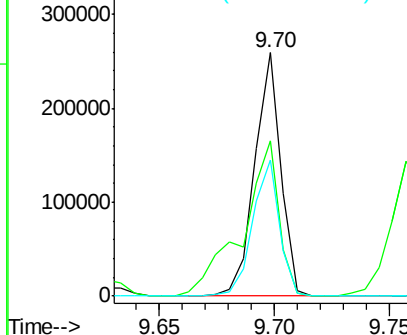


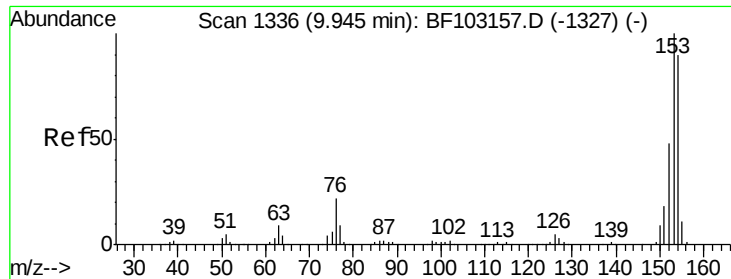
#50
2,6-Dinitrotoluene
Concen: 38.603 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion:165 Resp: 205585
Ion Ratio Lower Upper
165 100
63 64.0 44.7 67.1
89 55.7 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: 38.054 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampled :

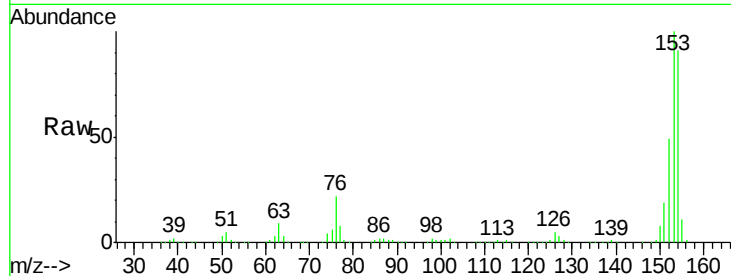
Tot Ion:154 Resp: 715994

Ion Ratio Lower Upper

154 100

153 110.2 91.2 136.8

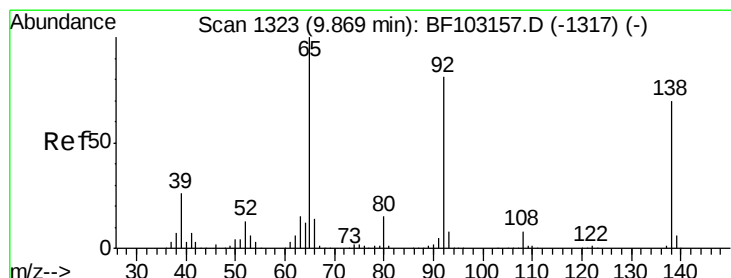
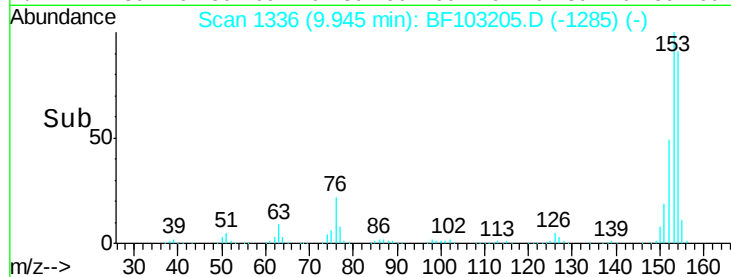
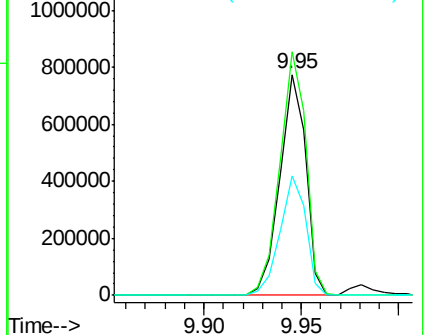
152 53.8 43.8 65.8



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: 39.320 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

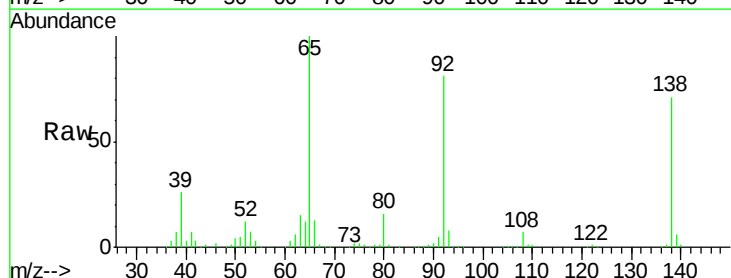
Tgt Ion:138 Resp: 265677

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

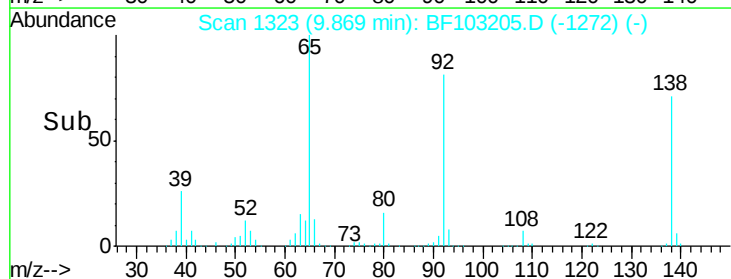
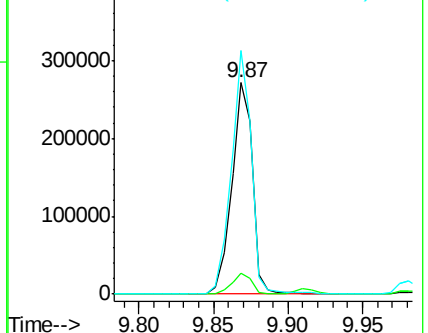
92 115.3 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

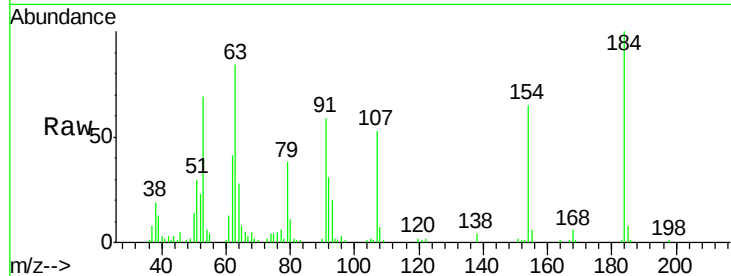




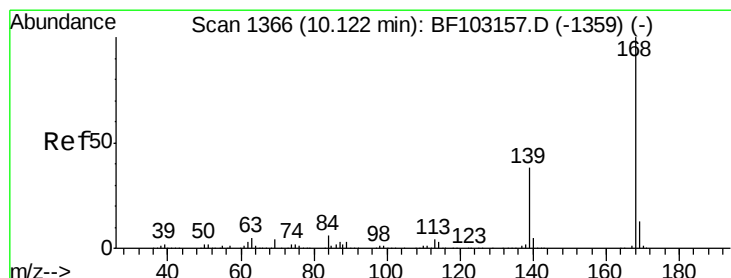
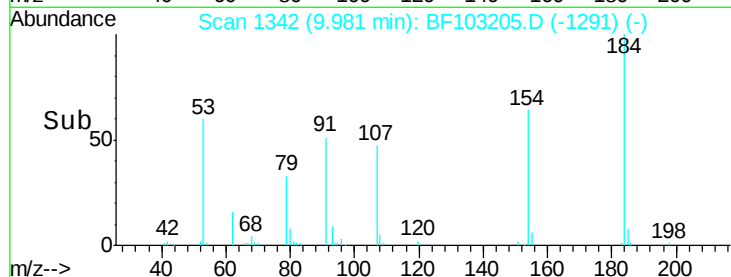
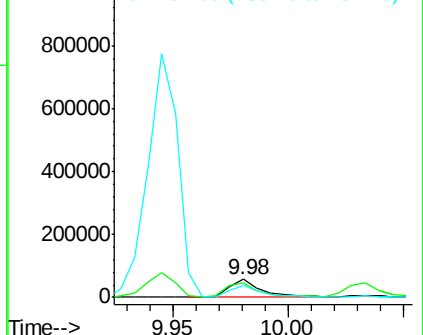
#53
2,4-Dinitrophenol
Concen: 35.570 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 56741
Ion Ratio Lower Upper
184 100
63 84.4 54.2 81.2#
154 64.9 184.0 276.0#

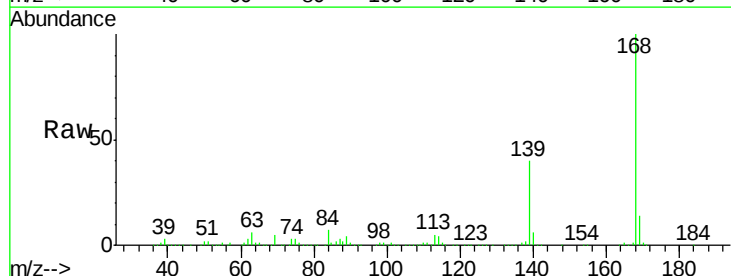


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

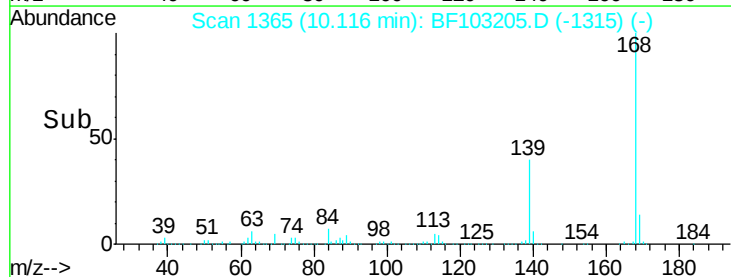
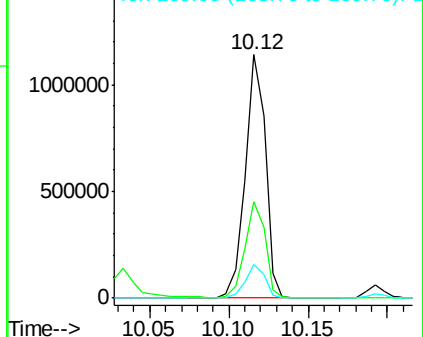


#54
Dibenzofuran
Concen: 38.673 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion:168 Resp: 998860
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 13.6 10.9 16.3



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

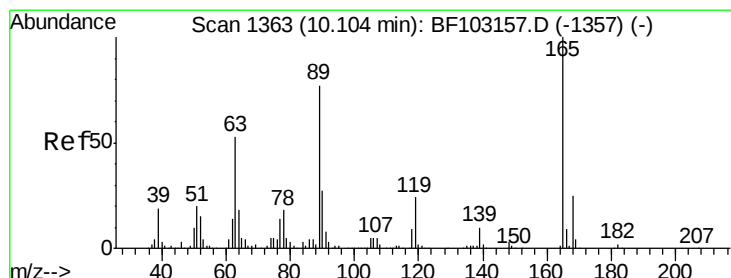
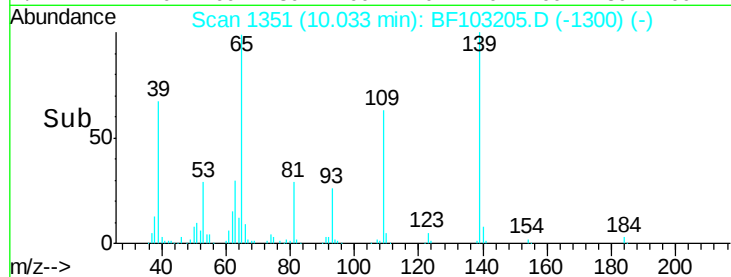
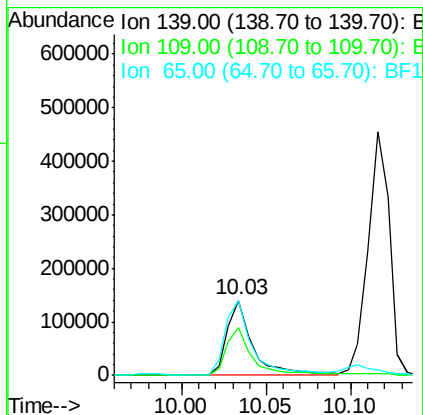
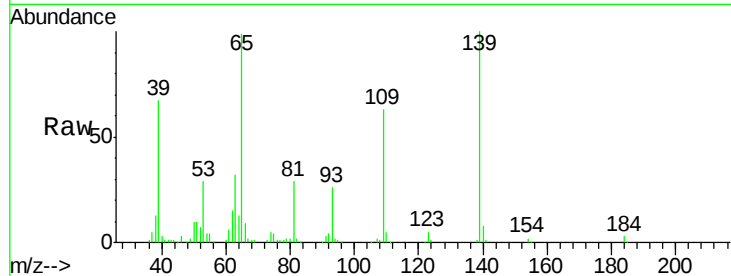




#55
4-Nitrophenol
Concen: 35.682 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

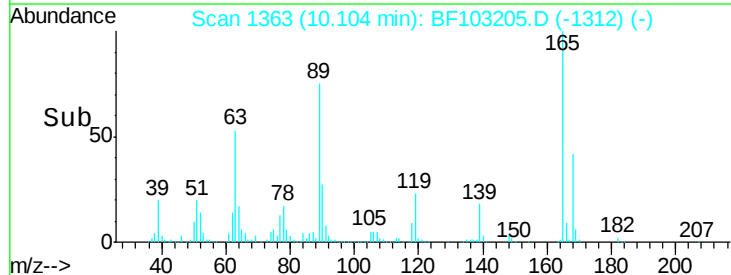
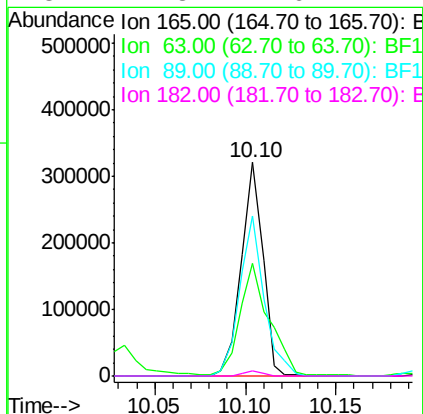
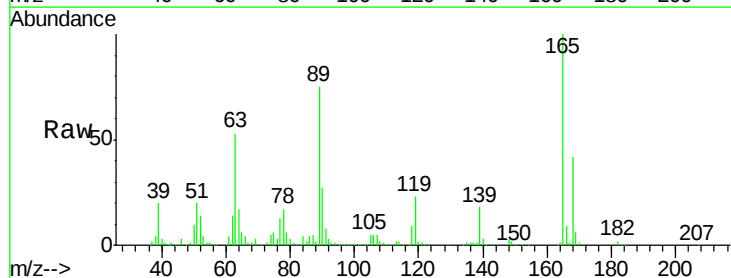
Instrument :
BNA_F
ClientSampleId :

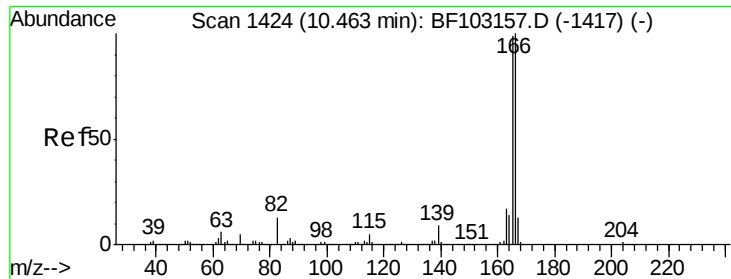
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.1	48.4	88.4
65	98.8	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 39.707 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.7	36.4	54.6
89	74.8	57.8	86.6
182	2.3	1.6	2.4

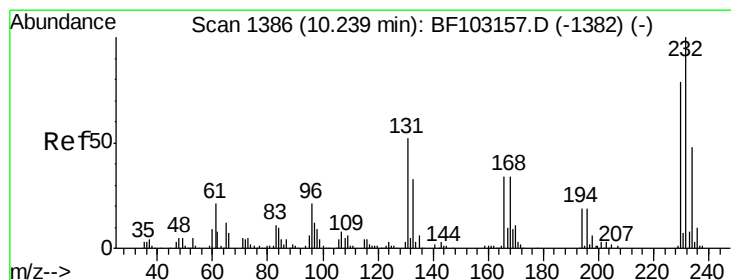
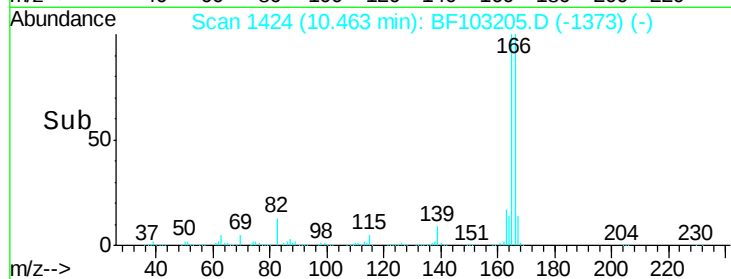
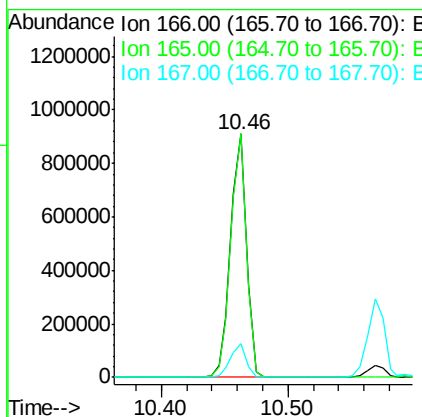
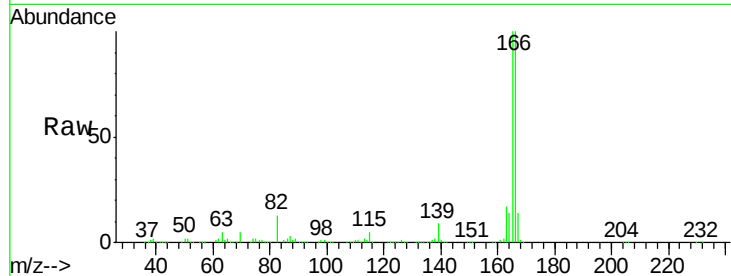




#57
 Fluorene
 Concen: 36.012 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

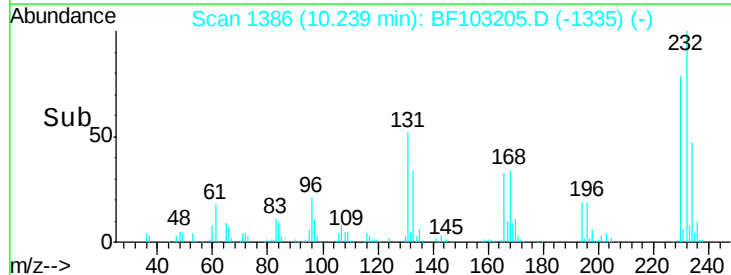
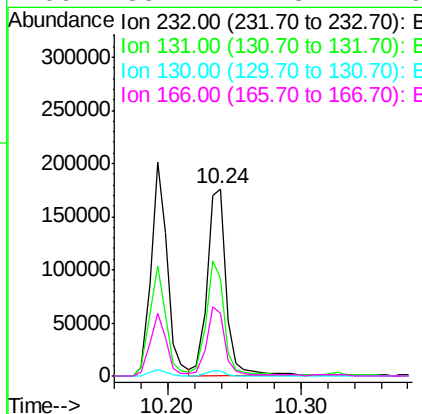
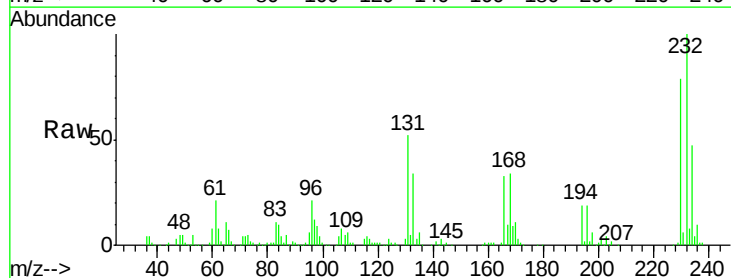
Instrument :
 BNA_F
 ClientSampleId :

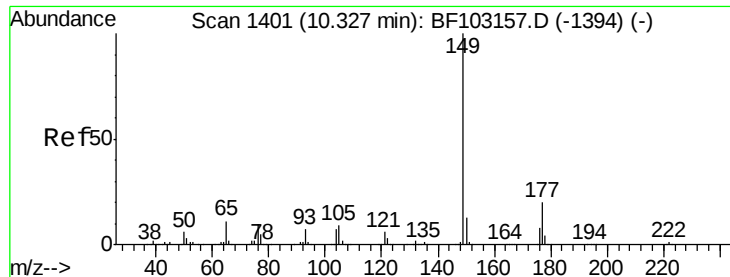
Tot Ion:166 Resp: 792358
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.073 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Tgt Ion:232 Resp: 175676
 Ion Ratio Lower Upper
 232 100
 131 57.5 43.8 65.8
 130 2.9 2.1 3.1
 166 35.1 27.8 41.6

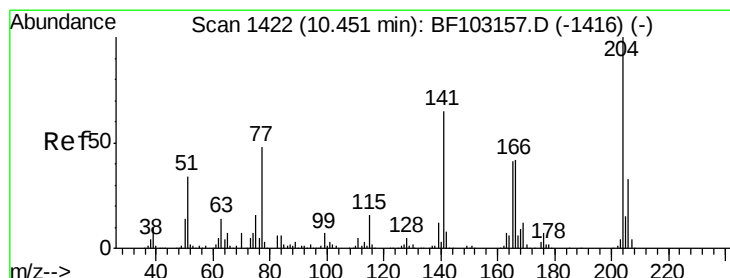
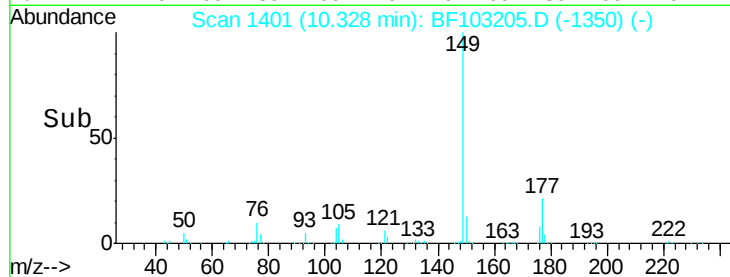
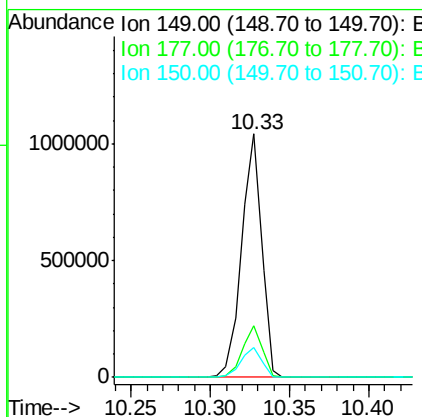
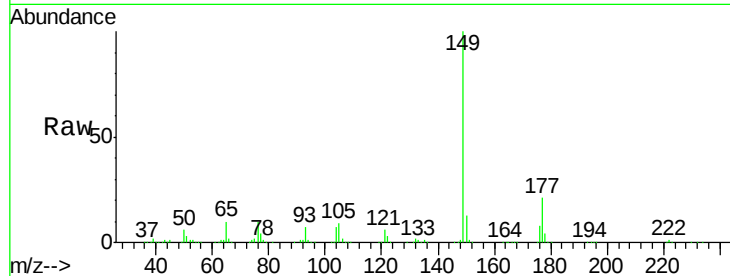




#59
Diethylphthalate
Concen: 37.541 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

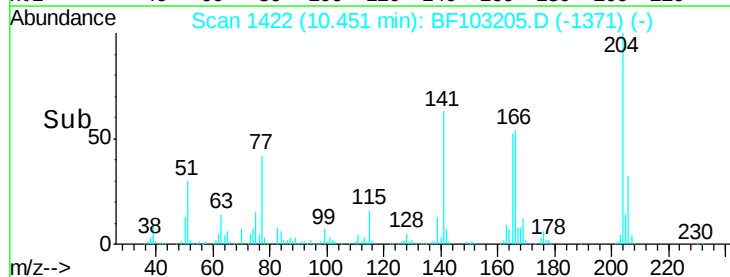
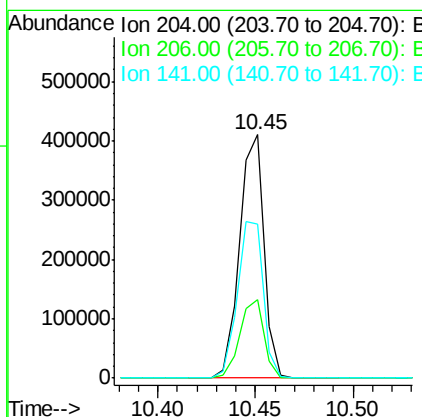
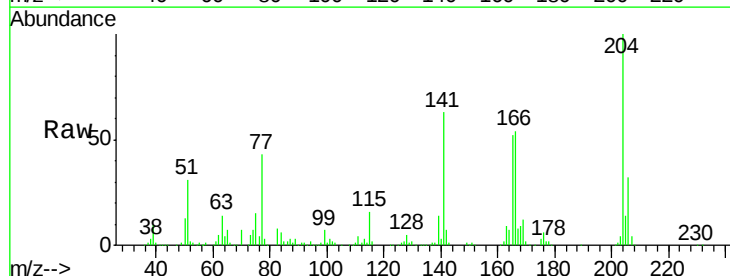
Instrument :
BNA_F
ClientSampled :

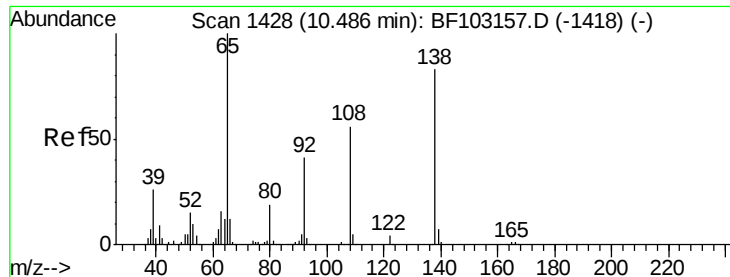
Tot Ion:149 Resp: 911192
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.132 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion:204 Resp: 355787
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 63.2 54.6 81.8

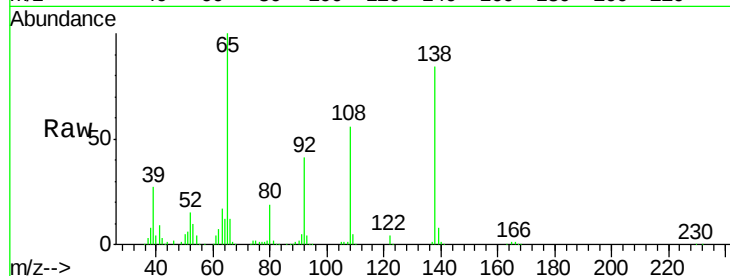




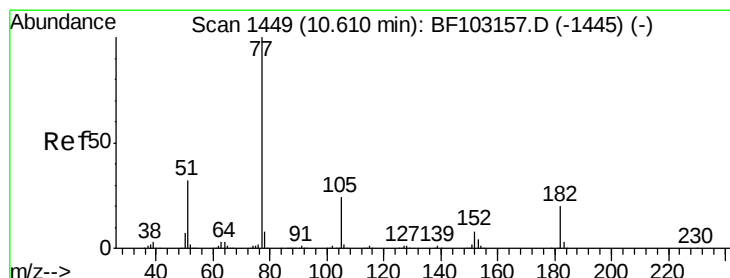
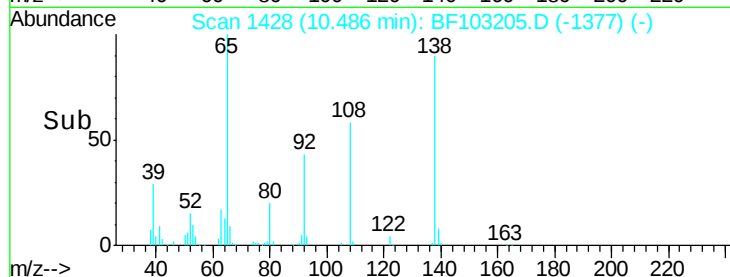
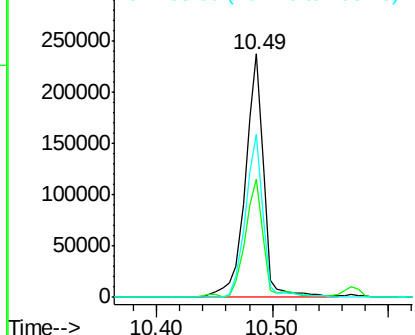
#61
4-Nitroaniline
Concen: 38.622 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 260653
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 66.9 52.5 92.5

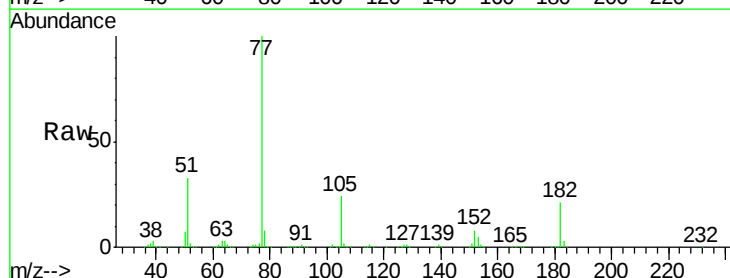


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

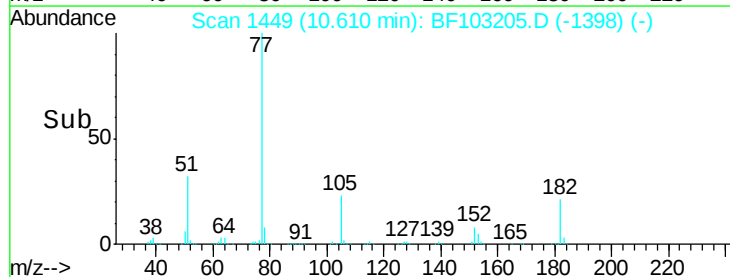
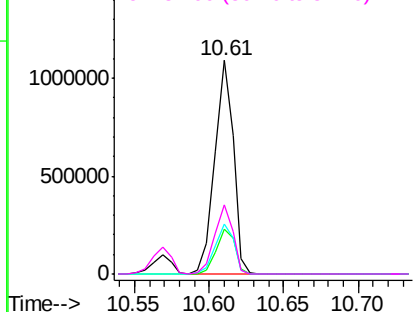


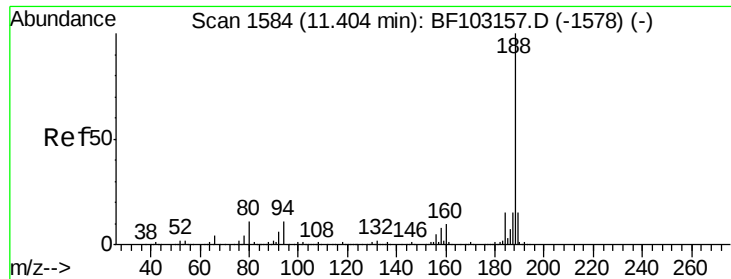
#62
Azobenzene
Concen: 38.477 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion: 77 Resp: 950609
Ion Ratio Lower Upper
77 100
182 21.0 1.7 41.7
105 23.6 3.0 43.0
51 32.6 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

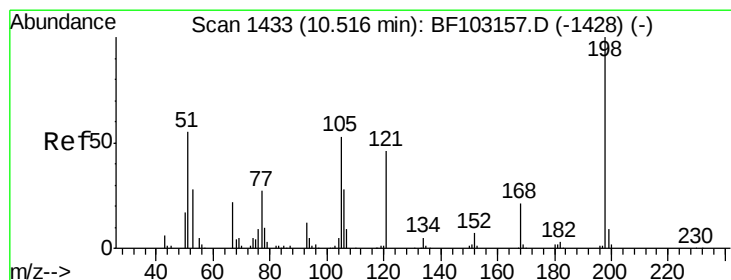
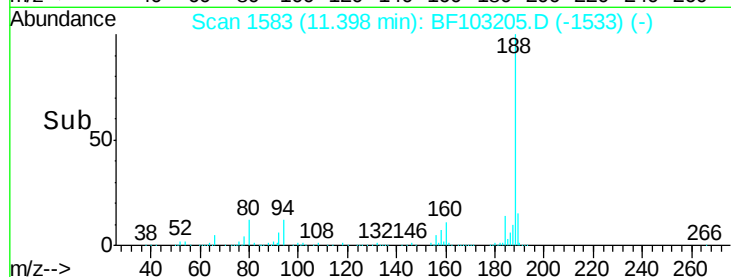
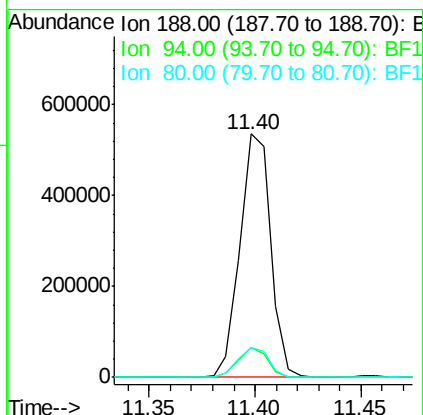
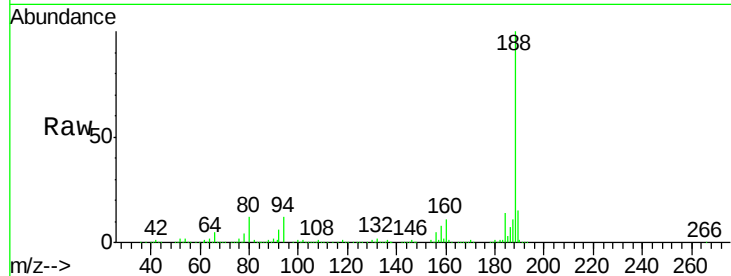




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

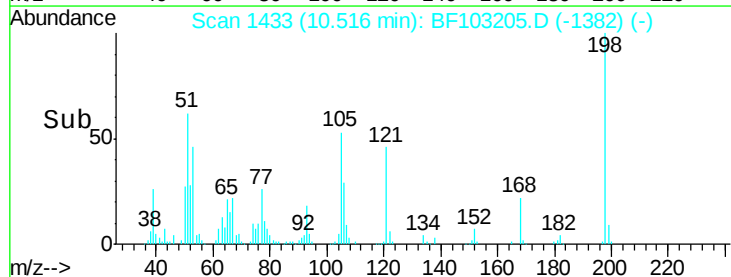
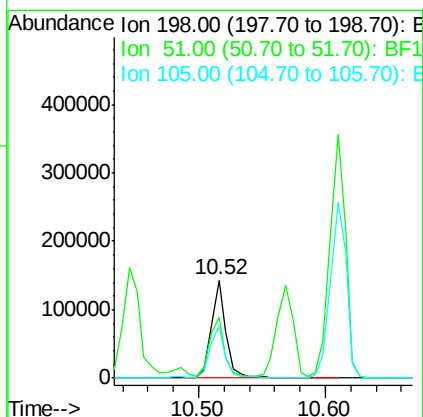
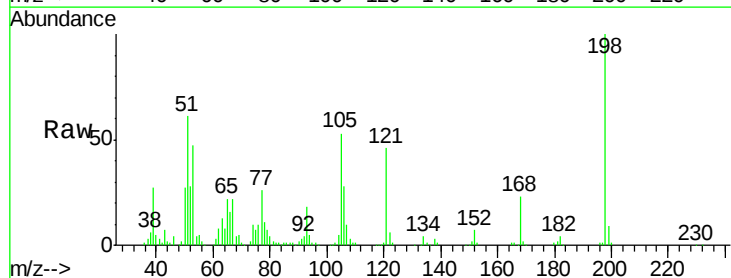
Instrument :
BNA_F
ClientSampleId :

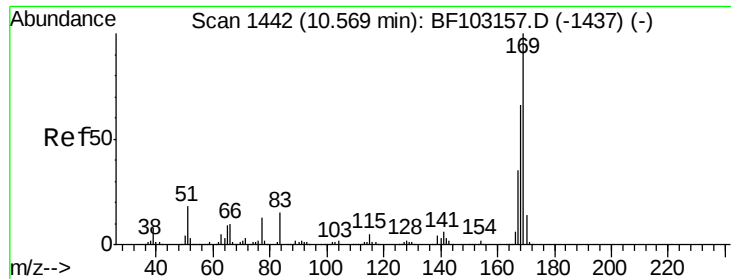
Tot Ion:188 Resp: 540240
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 12.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.242 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion:198 Resp: 118359
Ion Ratio Lower Upper
198 100
51 61.5 37.7 77.7
105 52.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.078 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

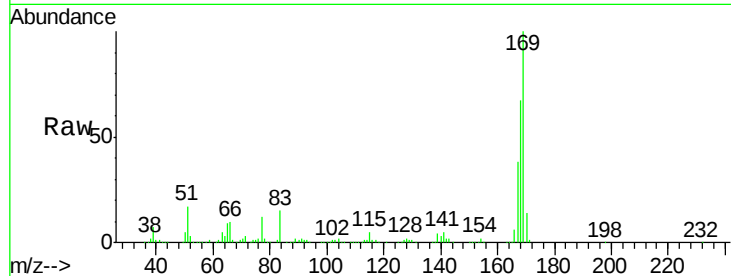
Tot Ion:169 Resp: 716260

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

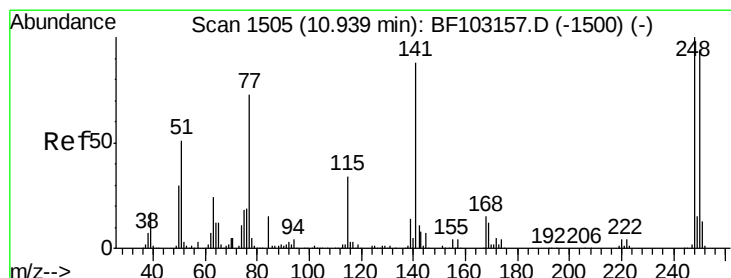
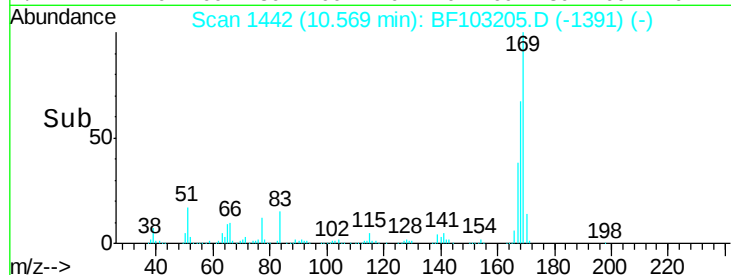
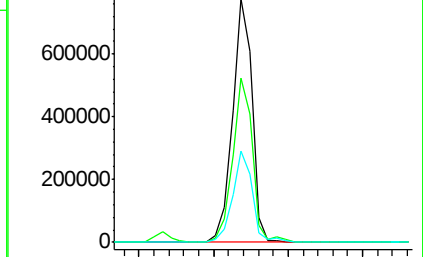
167 37.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.844 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

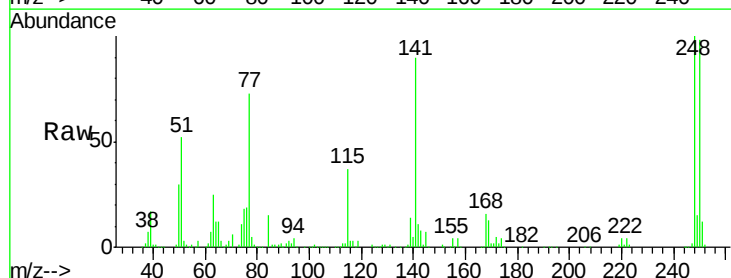
Tgt Ion:248 Resp: 212976

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

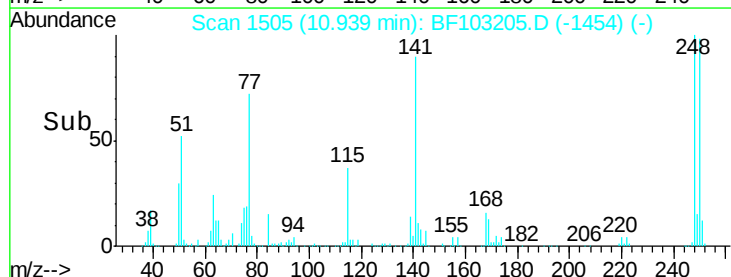
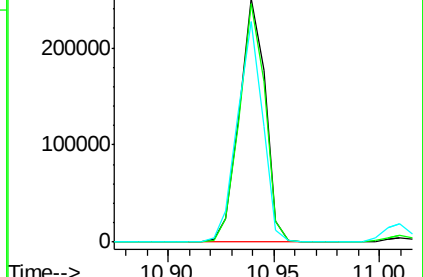
141 90.4 74.4 111.6

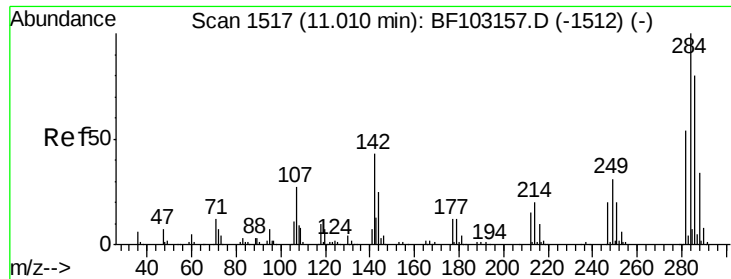


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

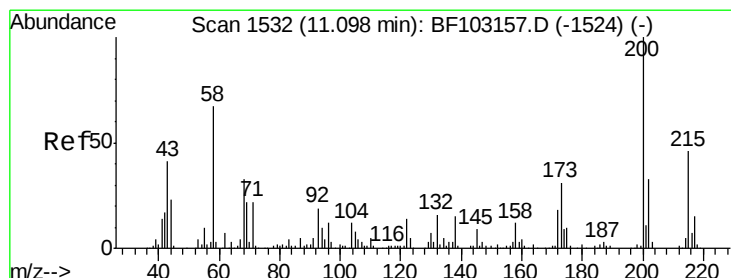
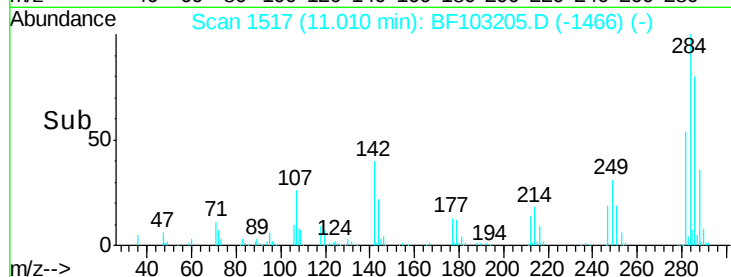
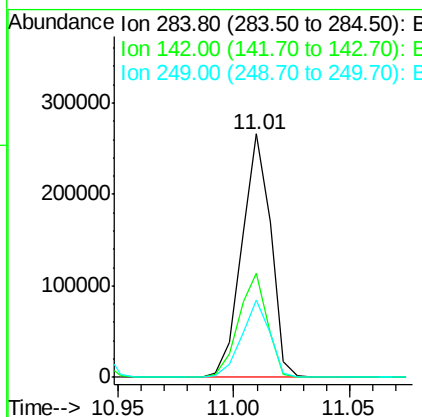
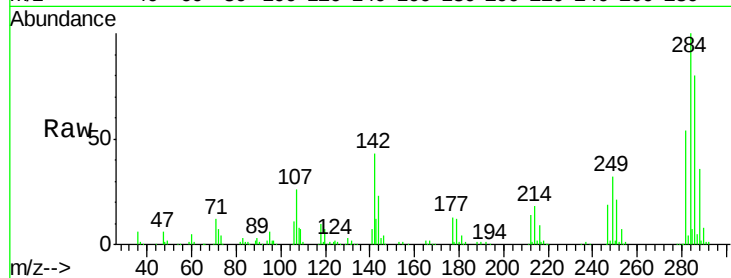




#67
Hexachlorobenzene
Concen: 38.042 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

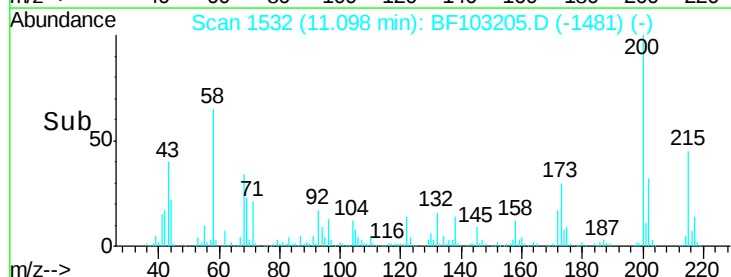
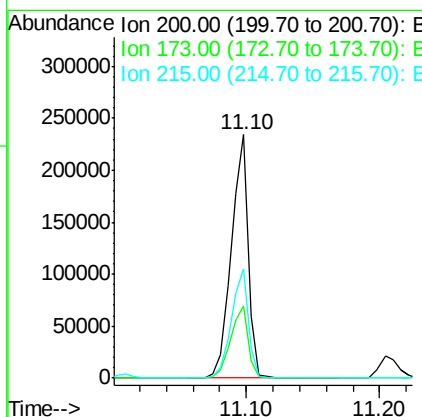
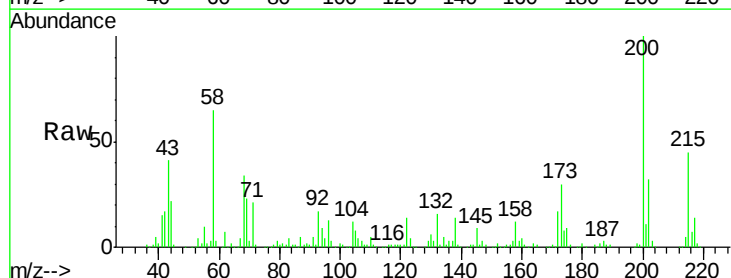
Instrument :
BNA_F
ClientSampleId :

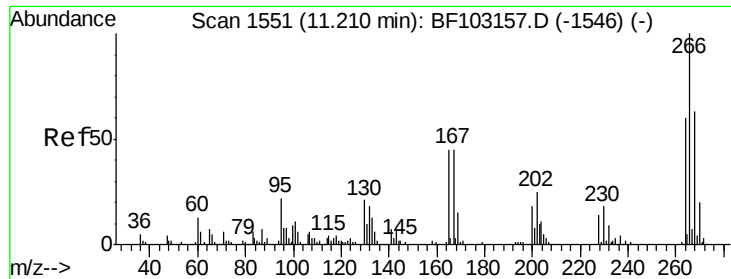
Tot Ion	Ratio	Lower	Upper
284	100		
142	42.5	34.6	52.0
249	31.8	24.8	37.2



#68
Atrazine
Concen: 37.154 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.8	8.6	48.6
215	45.0	25.1	65.1

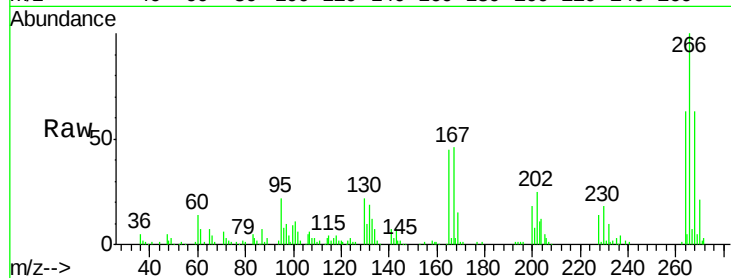




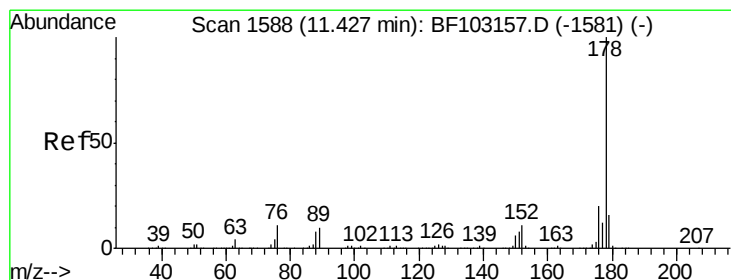
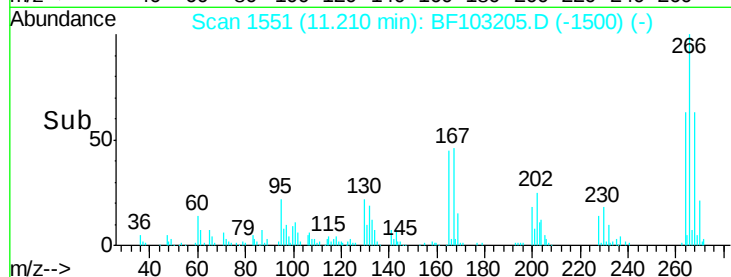
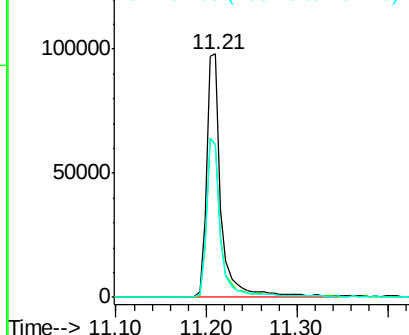
#69
 Pentachlorophenol
 Concen: 38.191 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 112797
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 62.7 49.5 74.3

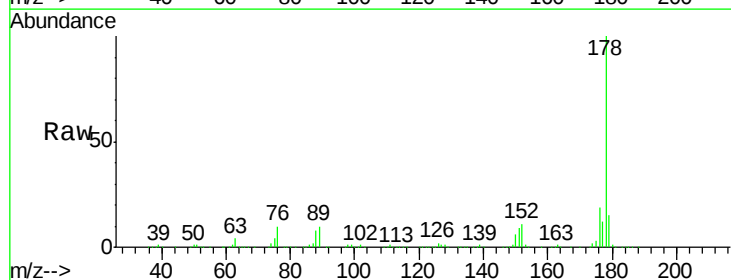


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

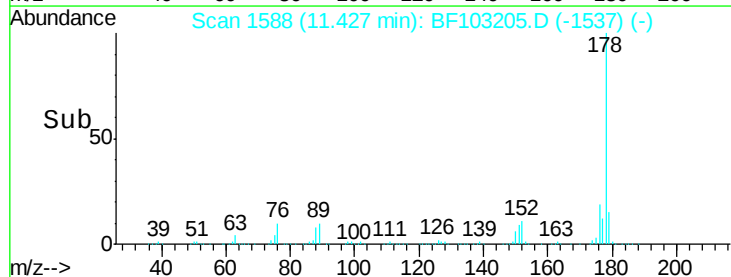
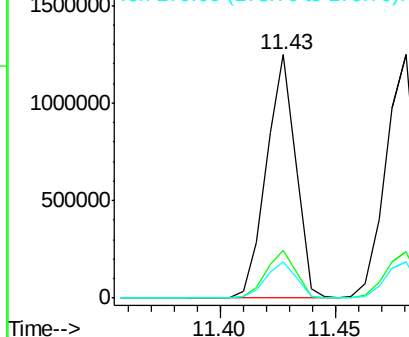


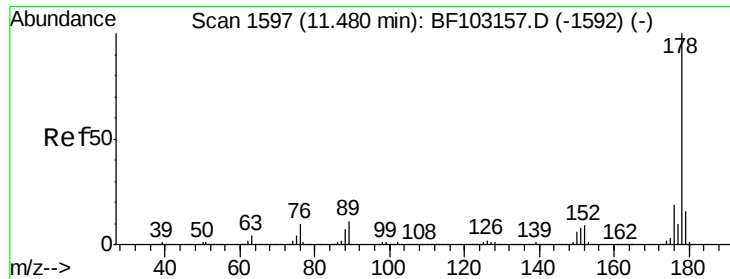
#70
 Phenanthrene
 Concen: 37.118 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Tgt Ion:178 Resp: 1103568
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

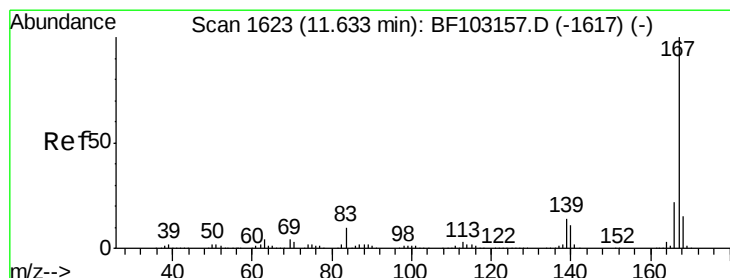
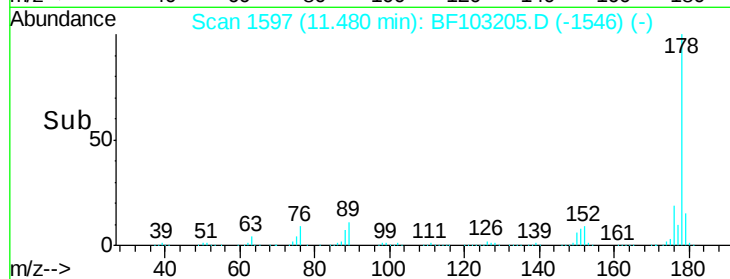
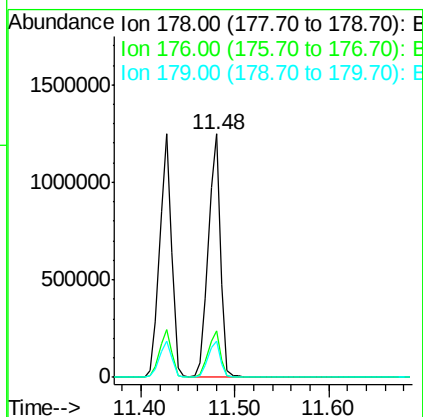
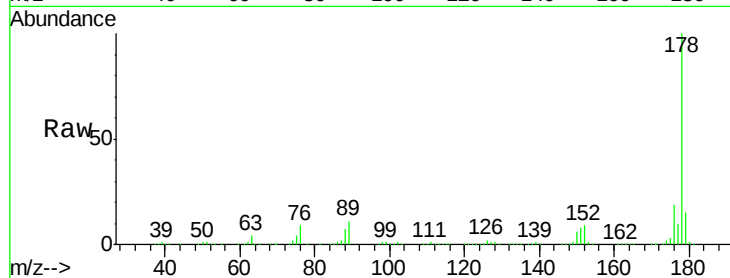




#71
 Anthracene
 Concen: 37.708 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

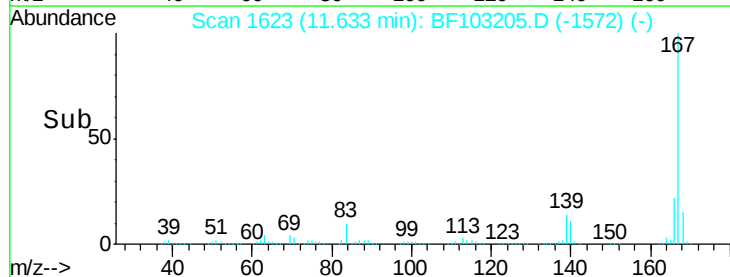
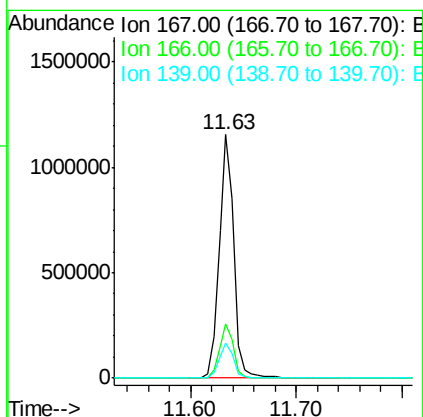
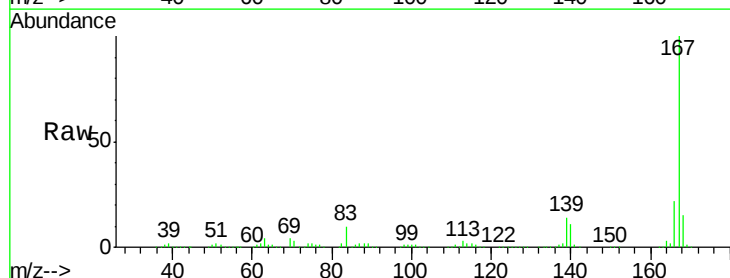
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1149622
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 37.227 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Tgt Ion:167 Resp: 1130213
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.584 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

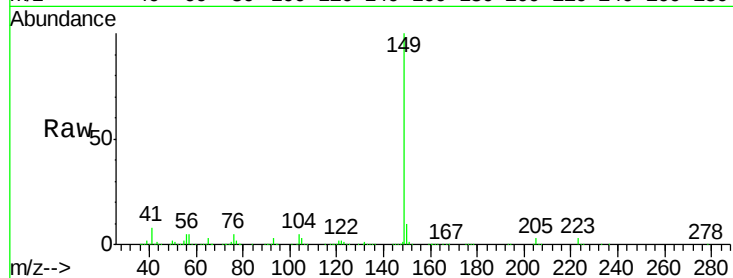
Tot Ion:149 Resp: 1427802

Ion Ratio Lower Upper

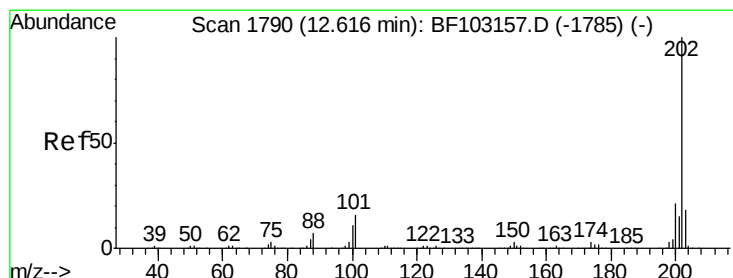
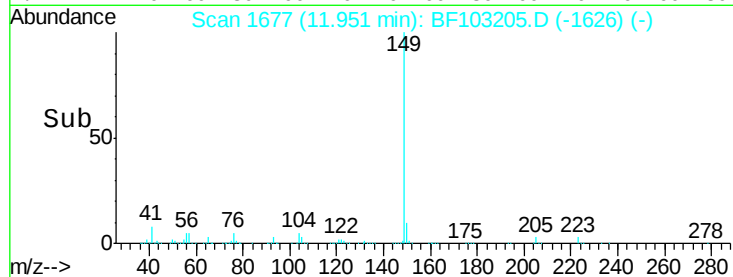
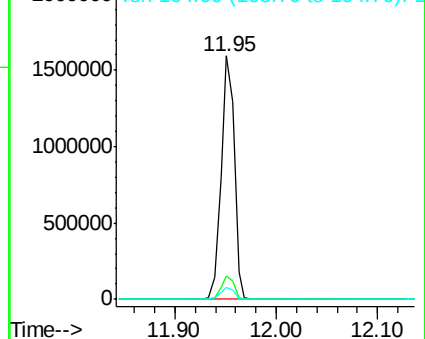
149 100

150 9.6 7.8 11.6

104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.775 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

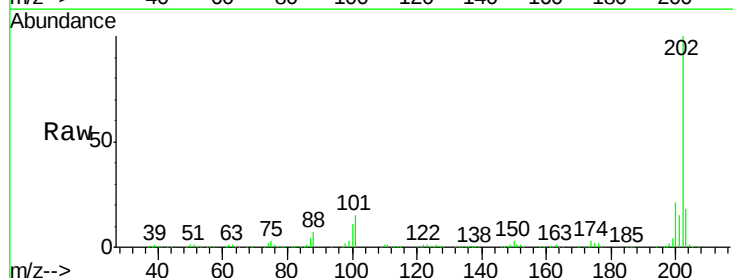
Tgt Ion:202 Resp: 1098712

Ion Ratio Lower Upper

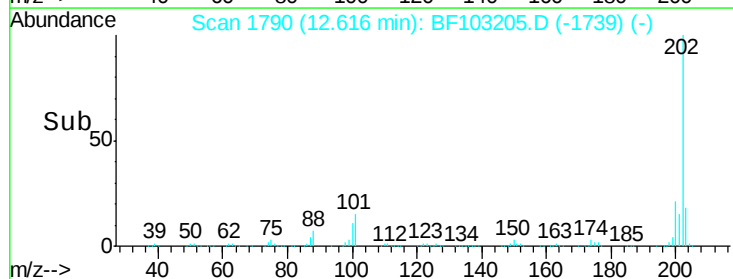
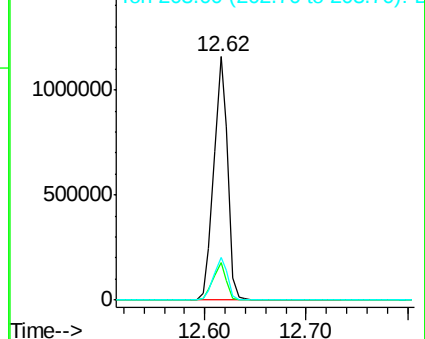
202 100

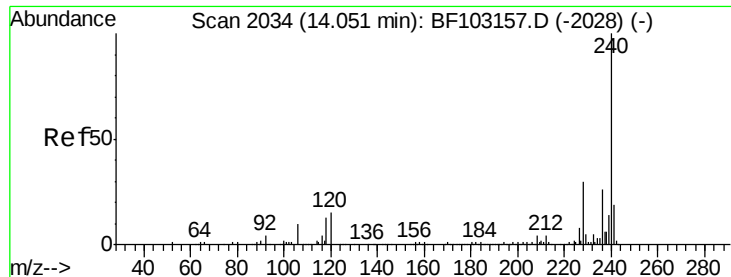
101 15.4 0.0 34.1

203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

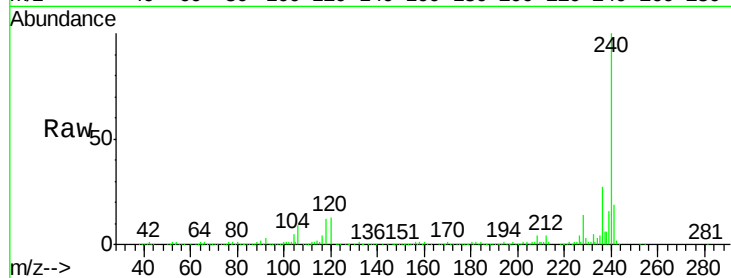
Tot Ion:240 Resp: 363290

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

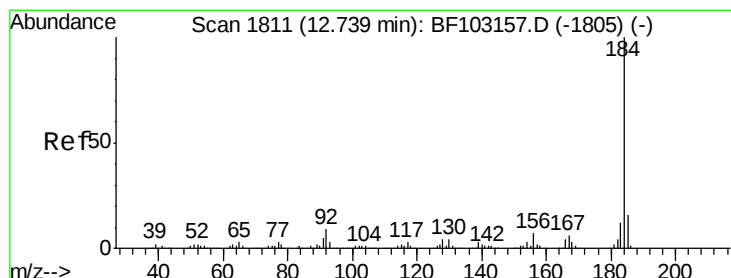
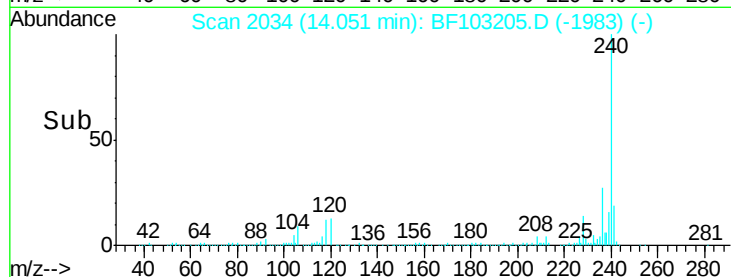
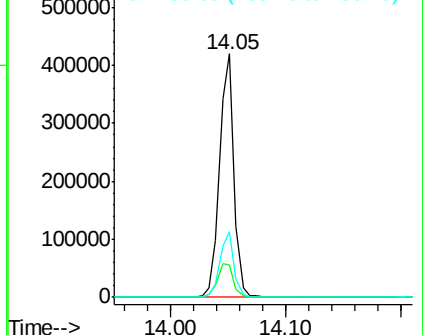
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.651 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

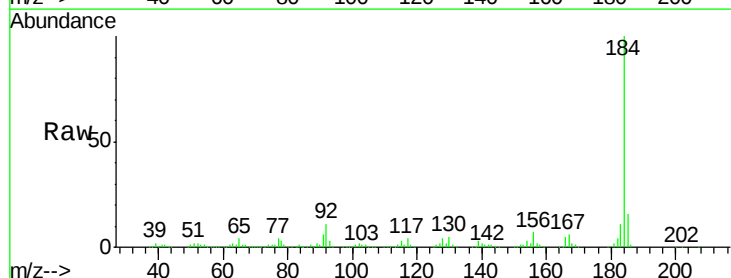
Tgt Ion:184 Resp: 457034

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

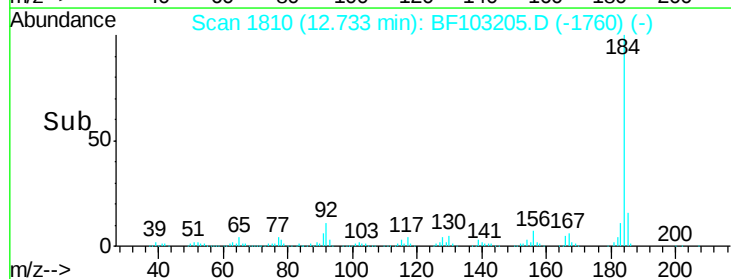
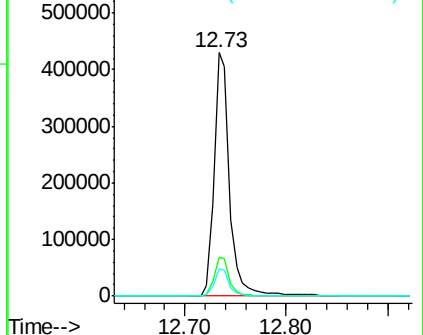
183 11.4 9.3 13.9

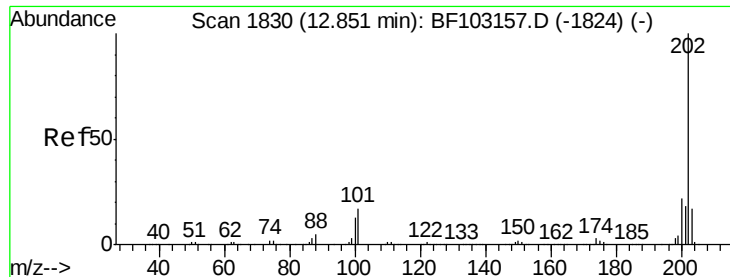


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

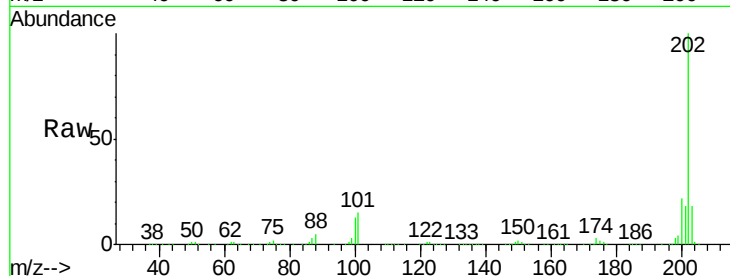




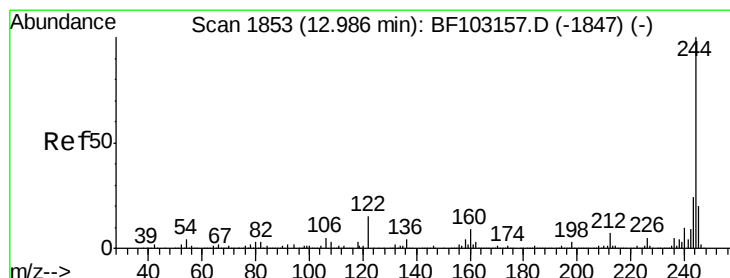
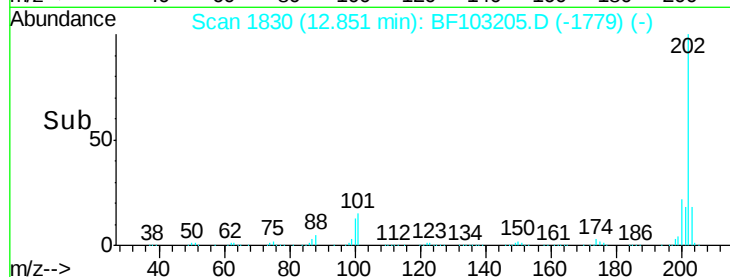
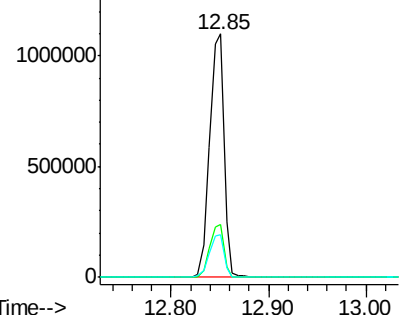
#77
 Pvrene
 Concen: 39.741 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1125649
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 17.5 14.3 21.5

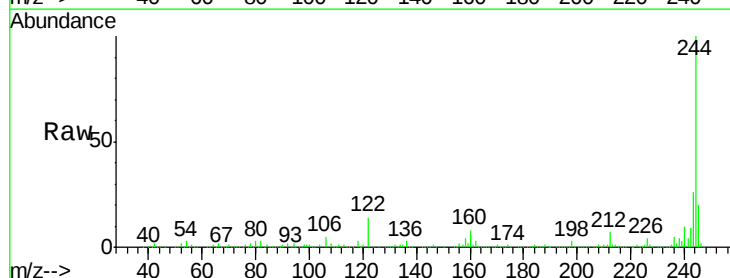


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

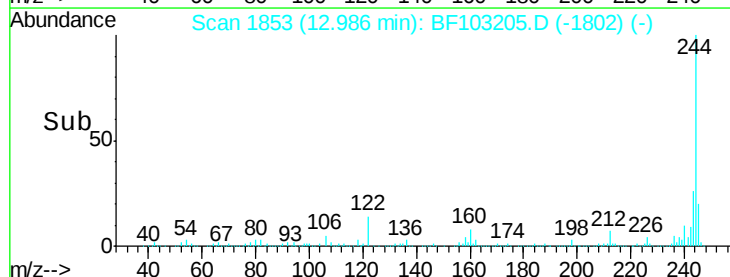
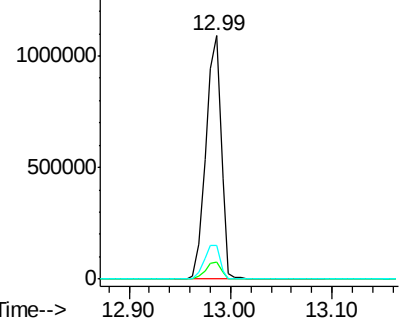


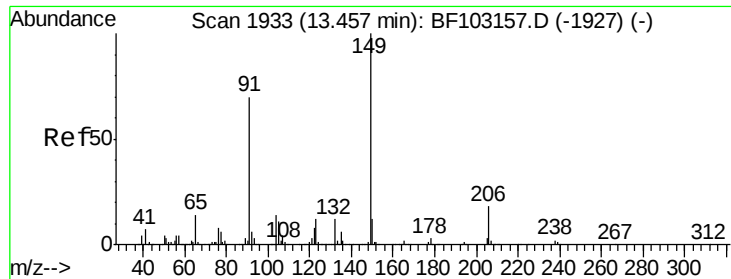
#78
 Terphenyl-d14
 Concen: 75.702 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Tgt Ion:244 Resp: 1144068
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

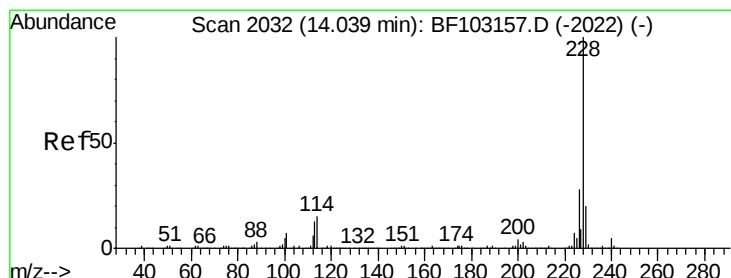
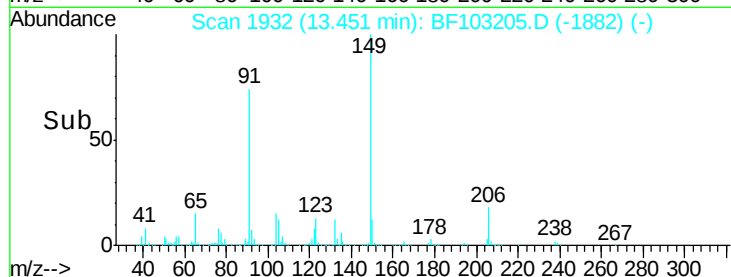
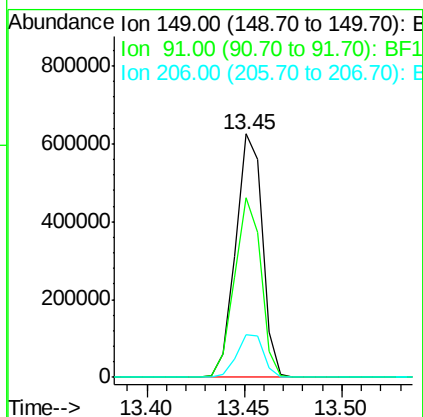
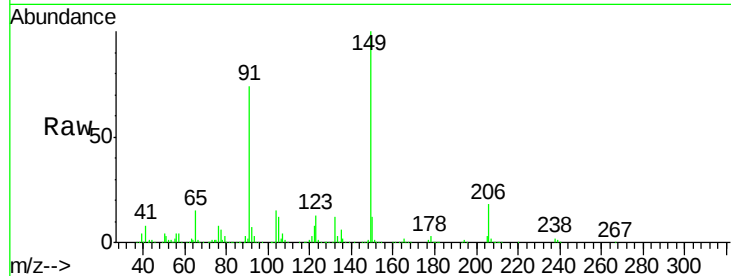




#79
Butylbenzylphthalate
Concen: 39.776 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

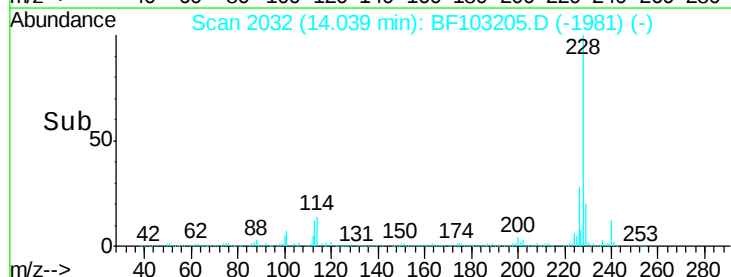
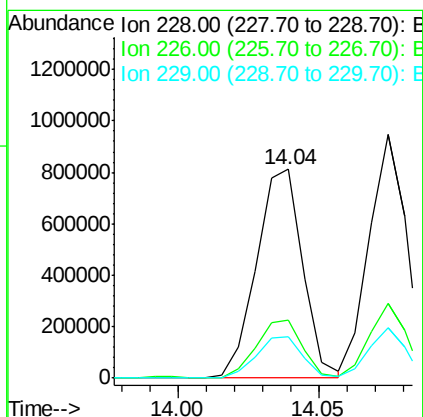
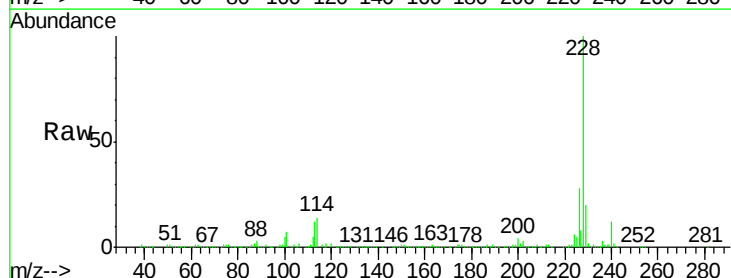
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 595239
Ion Ratio Lower Upper
149 100
91 73.9 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.998 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion:228 Resp: 919244
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.408 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

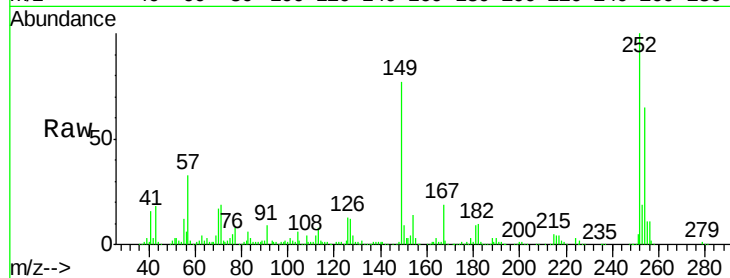
Tot Ion:252 Resp: 323094

Ion Ratio Lower Upper

252 100

254 65.2 50.4 75.6

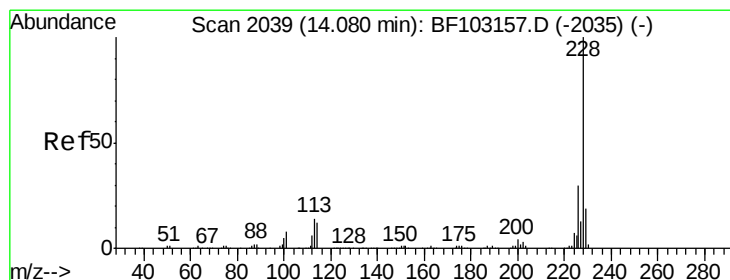
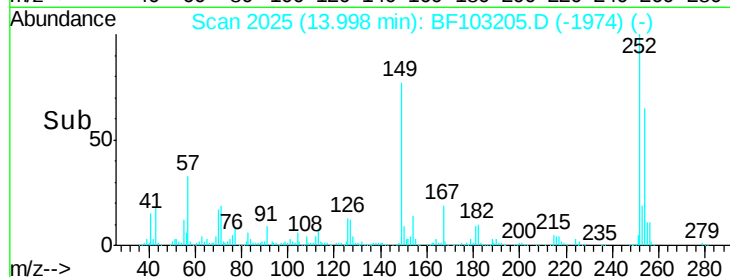
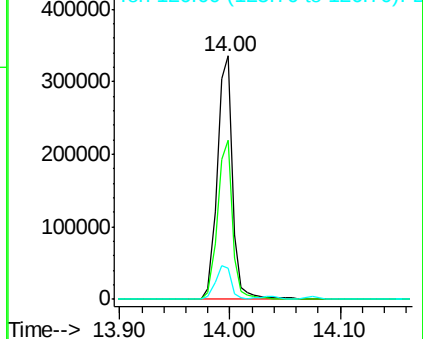
126 12.7 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.183 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

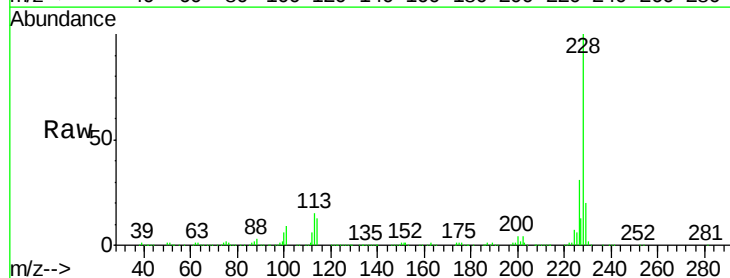
Tgt Ion:228 Resp: 873908

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

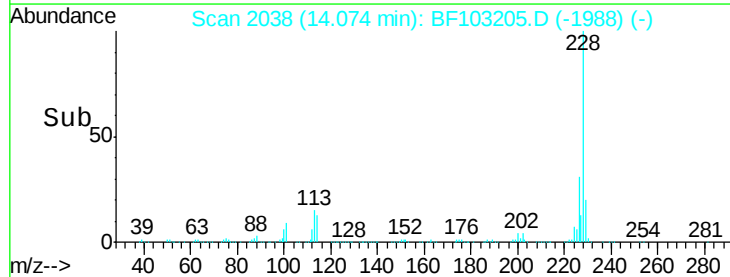
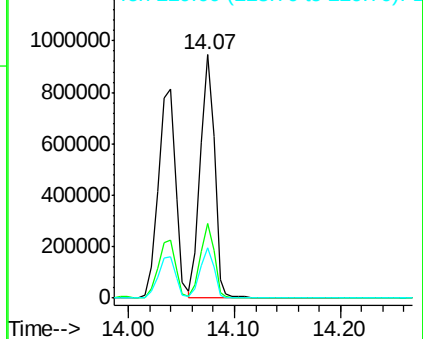
229 20.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

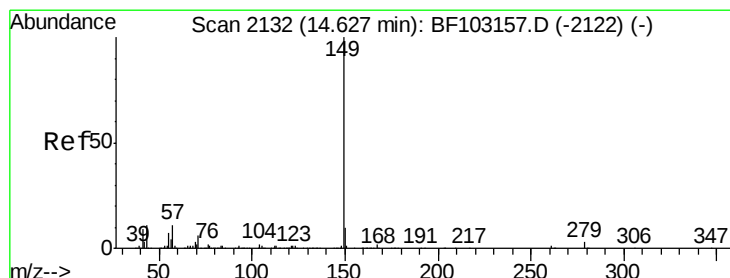
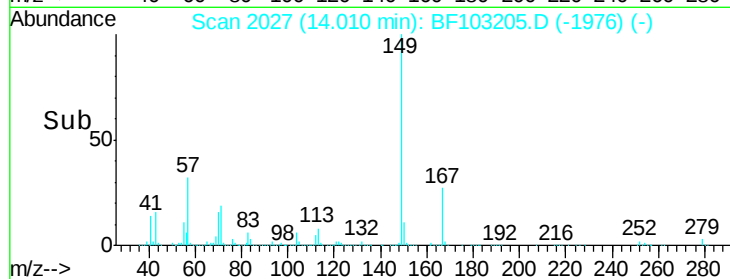
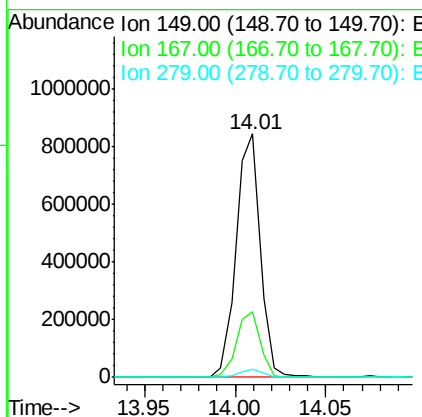
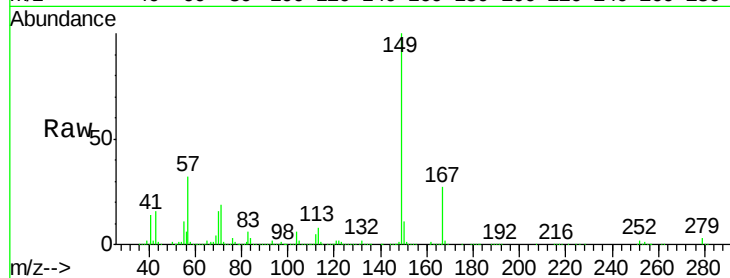




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.775 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

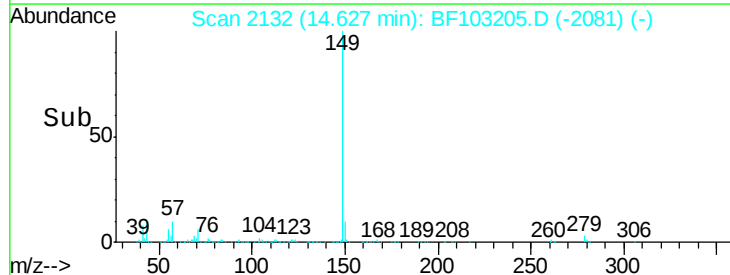
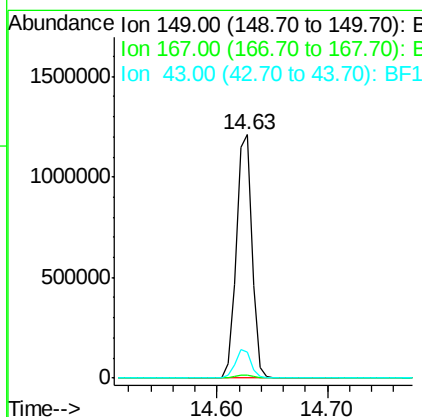
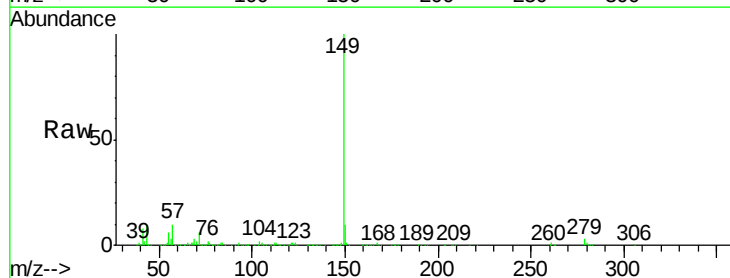
Instrument :
 BNA_F
 ClientSampleId :

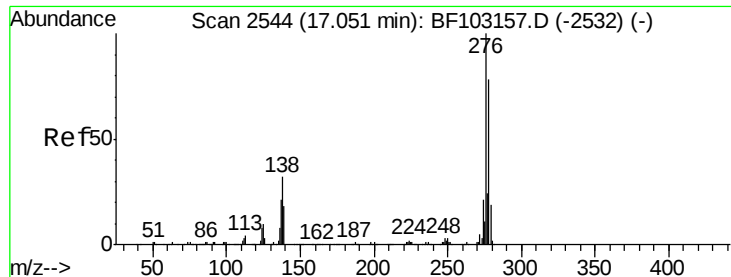
Tot Ion:149 Resp: 783035
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 37.278 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Tgt Ion:149 Resp: 1216300
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.3 8.4 12.6

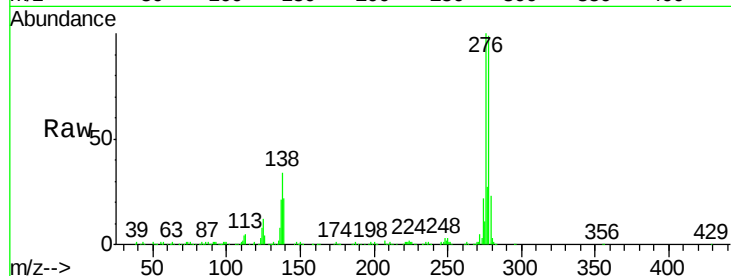




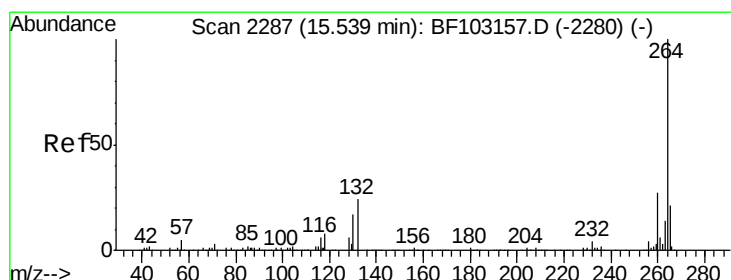
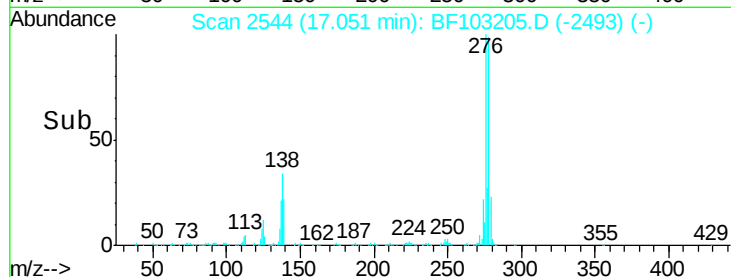
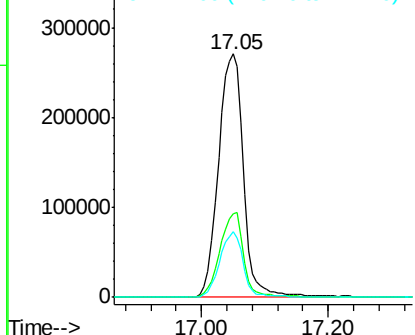
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.004 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 742968
Ion Ratio Lower Upper
276 100
138 32.5 25.0 37.6
277 25.3 20.1 30.1

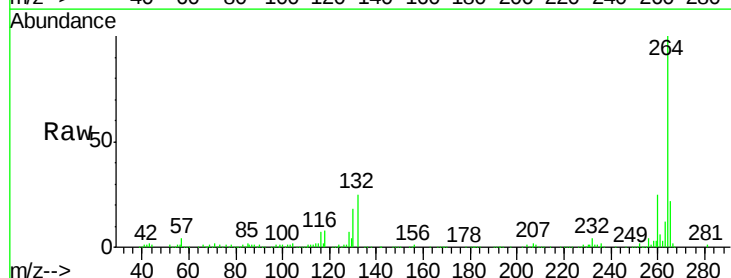


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

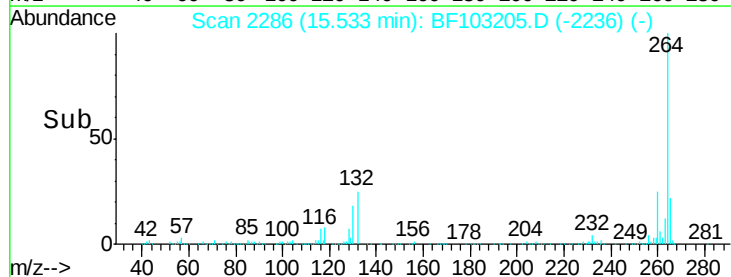
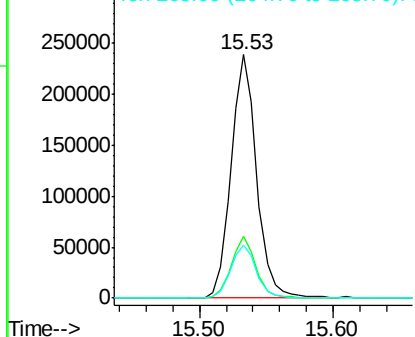


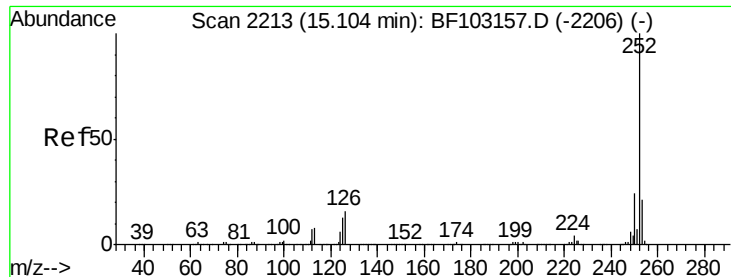
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion:264 Resp: 319542
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 21.8 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

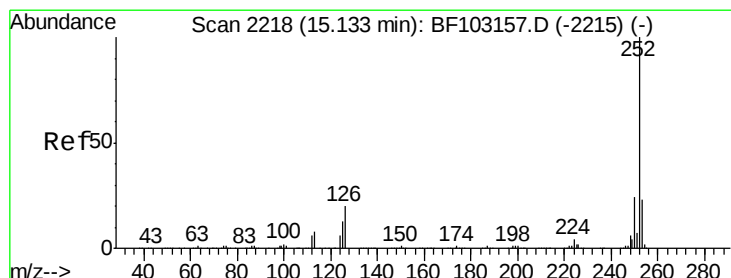
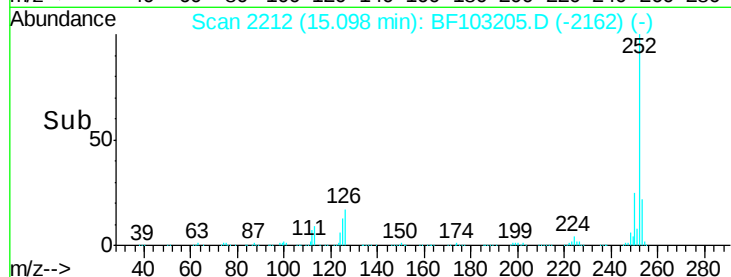
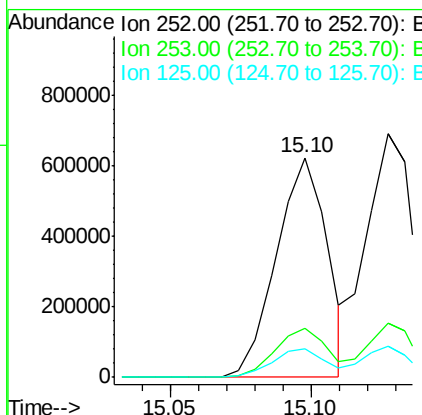
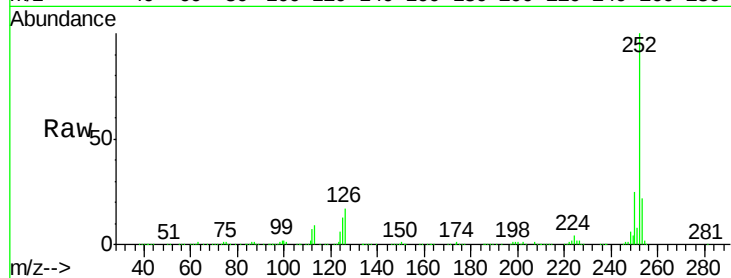




#87
Benzo(b)fluoranthene
Concen: 37.106 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

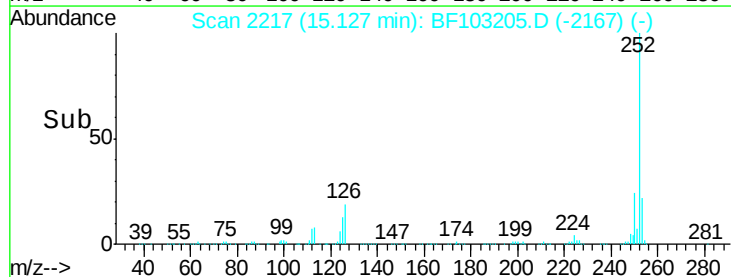
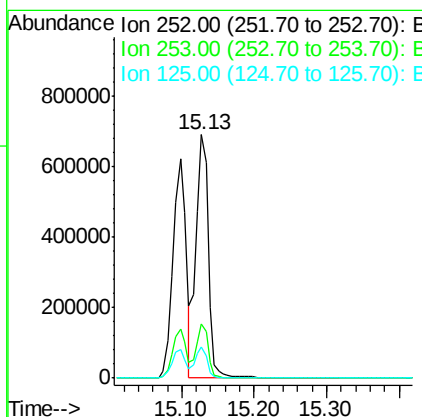
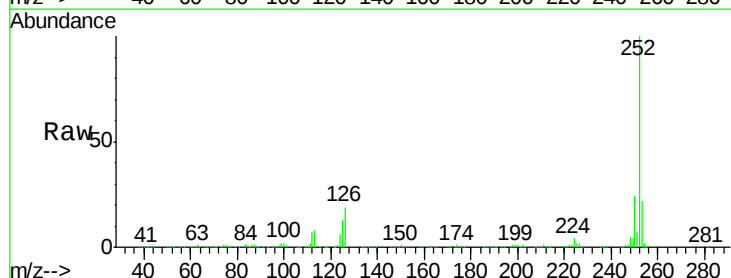
Instrument :
BNA_F
ClientSampled :

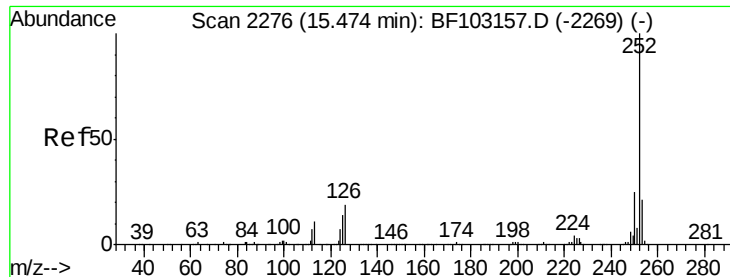
Tot Ion:252 Resp: 779590
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.676 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103205.D
Acq: 26 Feb 2018 9:09

Tgt Ion:252 Resp: 824520
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.627 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

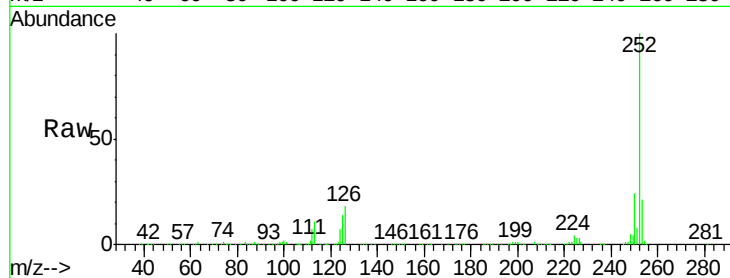
Tot Ion:252 Resp: 743468

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

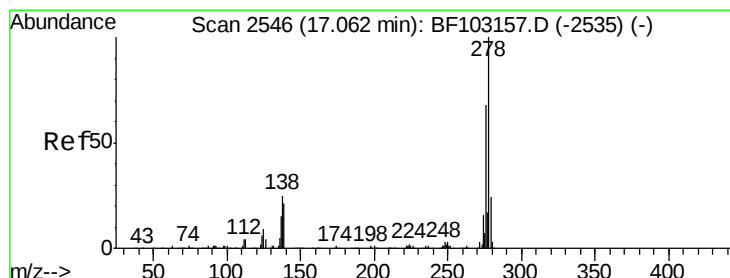
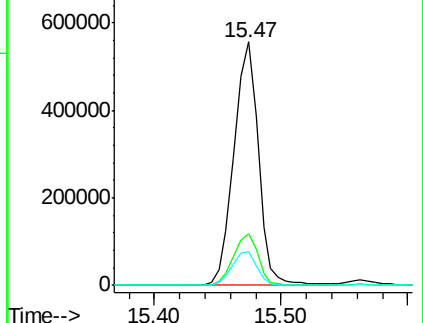
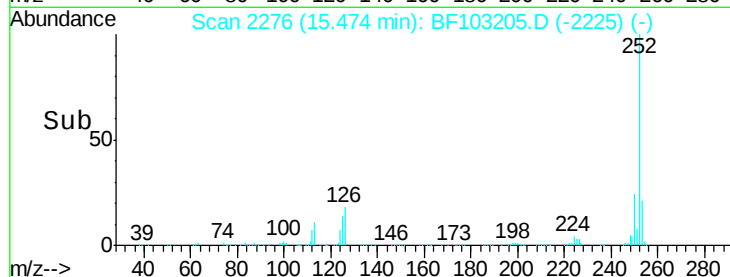
125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.555 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BF103205.D

Acq: 26 Feb 2018 9:09

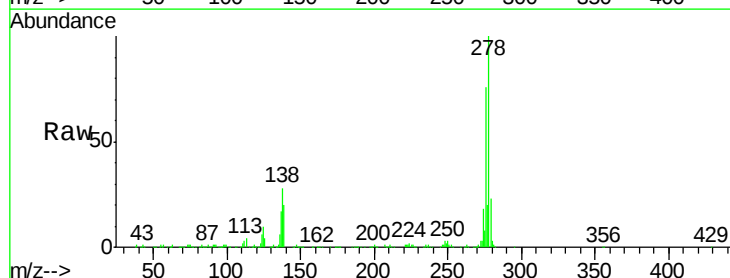
Tgt Ion:278 Resp: 616939

Ion Ratio Lower Upper

278 100

139 20.3 15.9 23.9

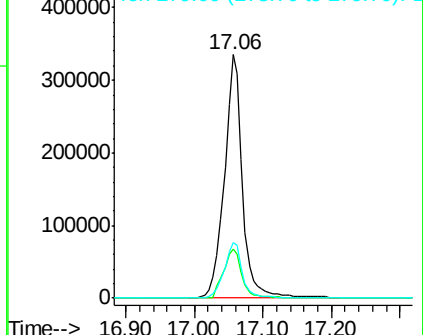
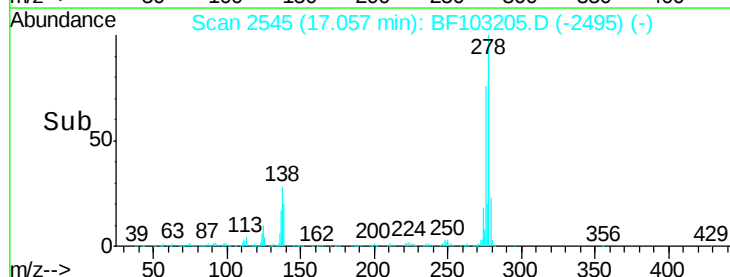
279 23.0 19.0 28.4

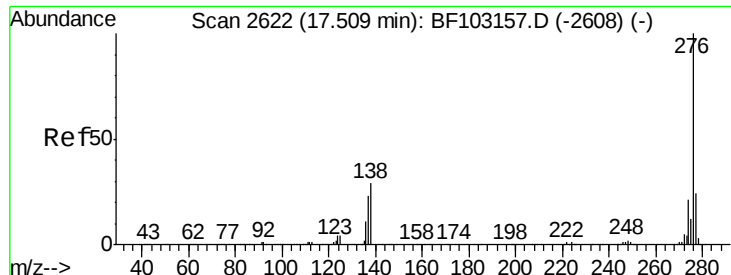


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

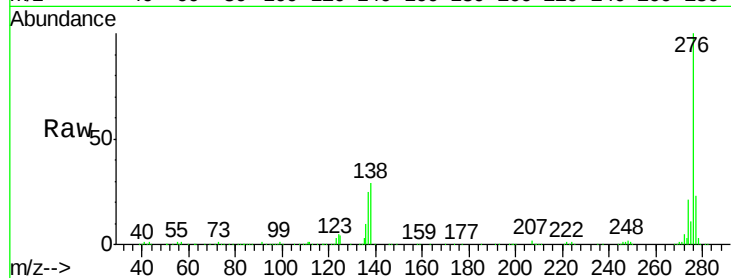




#91
 Benzo(a,h,i)perylene
 Concen: 43.104 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF103205.D
 Acq: 26 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	29.1	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

