

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101474.D
 Acq On : 18 Dec 2017 12:21
 Operator : SJ/JU
 Sample : PB105093BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

Quant Time: Dec 18 15:39:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	173260	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	704999	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	327211	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	634788	20.00	ng	0.00
75) Chrysene-d12	13.99	240	474393	20.00	ng	0.00
86) Perylene-d12	15.45	264	373790	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1239070	106.53	ng	0.02
7) Phenol-d6	6.46	99	1508949	104.24	ng	0.00
23) Nitrobenzene-d5	7.38	82	992917	78.40	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	401655	127.39	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1680748	79.68	ng	0.00
78) Terphenyl-d14	12.92	244	1692504	86.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	187719	31.409	ng	96
3) Pyridine	3.40	79	488384	29.411	ng	96
4) n-Nitrosodimethylamine	3.36	42	246864	32.288	ng	99
6) Aniline	6.48	93	200750	9.979	ng	# 82
8) 2-Chlorophenol	6.60	128	432778	35.371	ng	100
9) Benzaldehyde	6.36	77	109075	10.203	ng	100
10) Phenol	6.47	94	529535	32.095	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	448455	34.652	ng	95
12) 1,3-Dichlorobenzene	6.75	146	479926	34.754	ng	100
13) 1,4-Dichlorobenzene	6.82	146	494096	35.038	ng	98
14) 1,2-Dichlorobenzene	6.97	146	439930	34.658	ng	99
15) Benzyl Alcohol	6.96	79	316234	31.739	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	721380	36.421	ng	74
17) 2-Methylphenol	7.07	107	358874	31.886	ng	# 92
18) Hexachloroethane	7.31	117	173873	35.463	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	302863	31.858	ng	94
20) 3+4-Methylphenols	7.23	107	462982	38.819	ng	# 65
22) Acetophenone	7.22	105	599773	37.284	ng	# 92
24) Nitrobenzene	7.40	77	475828	33.947	ng	99
25) Isophorone	7.63	82	896446	35.284	ng	99
26) 2-Nitrophenol	7.71	139	250719	41.635	ng	96
27) 2,4-Dimethylphenol	7.75	122	400777	39.175	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	564227	34.961	ng	98
29) 2,4-Dichlorophenol	7.96	162	391014	38.687	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	384762	36.073	ng	97
31) Naphthalene	8.11	128	1235421	34.808	ng	99
32) Benzoic acid	7.90	122	149410	26.041	ng	99
33) 4-Chloroaniline	8.17	127	89261	5.786	ng	97
34) Hexachlorobutadiene	8.22	225	222911	36.134	ng	97
35) Caprolactam	8.56	113	69984	19.941	ng	91
36) 4-Chloro-3-methylphenol	8.66	107	399543	35.966	ng	99
37) 2-Methylnaphthalene	8.80	142	837369	36.212	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	402147	36.402	ng	97
40) Hexachlorocyclopentadiene	8.95	237	168012	73.100	ng	97

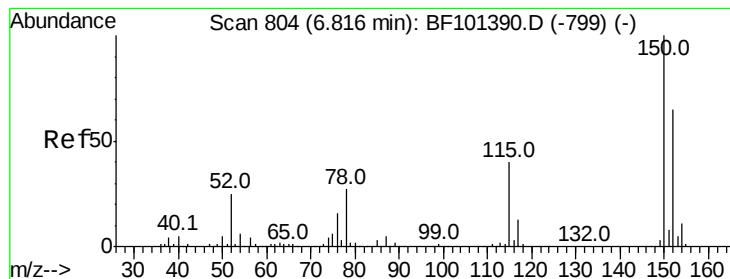
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101474.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	253818	38.163	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	262607	36.061	nq	97
45) 1,1'-Biphenyl	9.27	154	1024785	35.315	nq	99
46) 2-Chloronaphthalene	9.30	162	774877	34.898	nq	96
47) 2-Nitroaniline	9.40	65	262537	34.227	nq	97
48) Acenaphthylene	9.71	152	1136660	32.411	nq	100
49) Dimethylphthalate	9.57	163	898036	34.120	nq	100
50) 2,6-Dinitrotoluene	9.65	165	202509	37.857	nq	98
51) Acenaphthene	9.88	154	705541	33.485	nq	99
52) 3-Nitroaniline	9.82	138	87769	13.160	nq	98
53) 2,4-Dinitrophenol	9.94	184	109027	61.290	nq #	17
54) Dibenzofuran	10.06	168	959115	35.819	nq	99
55) 4-Nitrophenol	10.00	139	221347	76.115	nq	93
56) 2,4-Dinitrotoluene	10.06	165	235667	39.103	nq #	87
57) Fluorene	10.40	166	817905	36.108	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	216551	41.389	nq #	86
59) Diethylphthalate	10.27	149	900846	34.563	nq	96
60) 4-Chlorophenyl-phenylether	10.39	204	396201	36.496	nq	91
61) 4-Nitroaniline	10.44	138	194508	29.016	nq	91
62) Azobenzene	10.55	77	887202	32.859	nq	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	103218	31.864	nq	80
65) n-Nitrosodiphenylamine	10.51	169	742182	31.664	nq	97
66) 4-Bromophenyl-phenylether	10.87	248	258990	36.310	nq #	88
67) Hexachlorobenzene	10.95	284	270312	35.808	nq #	87
68) Atrazine	11.04	200	191798	27.443	nq	96
69) Pentachlorophenol	11.15	266	205194	70.726	nq	98
70) Phenanthrene	11.36	178	1206036	34.164	nq	99
71) Anthracene	11.42	178	1252868	34.744	nq	100
72) Carbazole	11.57	167	1091033	32.316	nq	99
73) Di-n-butylphthalate	11.89	149	1415081	34.534	nq	100
74) Fluoranthene	12.56	202	1280955	34.570	nq	97
76) Benzidine	12.68	184	59624	2.976	nq	97
77) Pyrene	12.79	202	1306145	36.686	nq	99
79) Butylbenzylphthalate	13.39	149	585843	36.366	nq #	93
80) Benzo(a)anthracene	13.98	228	1113060	35.533	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	138427	13.553	nq #	99
82) Chrysene	14.02	228	1039296	35.139	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	763472	37.417	nq	99
84) Di-n-octyl phthalate	14.55	149	1163685	31.978	nq	99
85) Indeno(1,2,3-cd)pyrene	16.94	276	800614	30.398	nq	96
87) Benzo(b)fluoranthene	15.03	252	827597	36.325	nq	99
88) Benzo(k)fluoranthene	15.06	252	820393	37.035	nq	98
89) Benzo(a)pyrene	15.39	252	766417	36.491	nq	99
90) Dibenzo(a,h)anthracene	16.94	278	663907	36.816	nq	97
91) Benzo(g,h,i)perylene	17.38	276	724394	40.568	nq	96

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

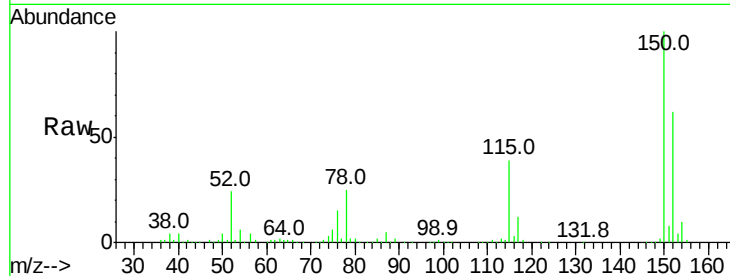


#1

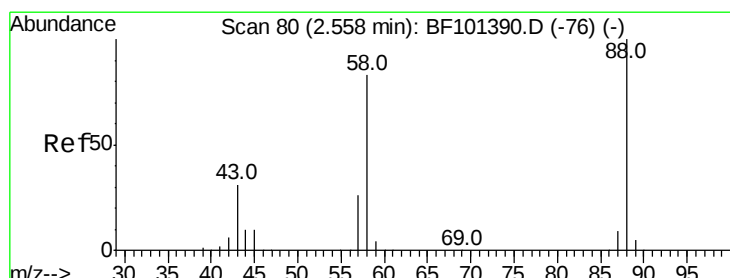
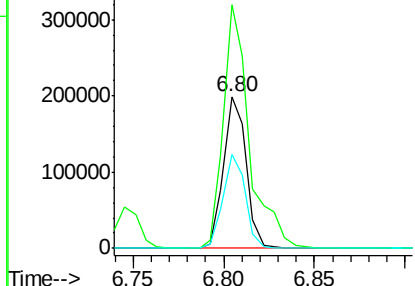
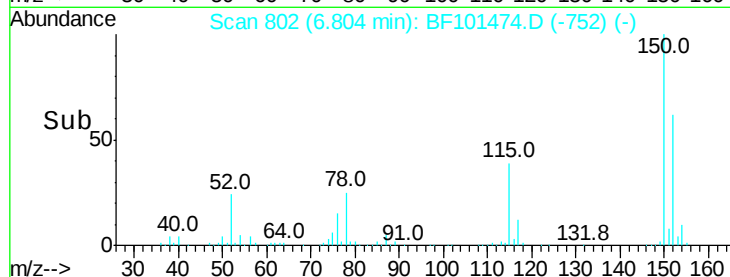
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

Tot Ion:152 Resp: 173260
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 62.1 50.1 75.1



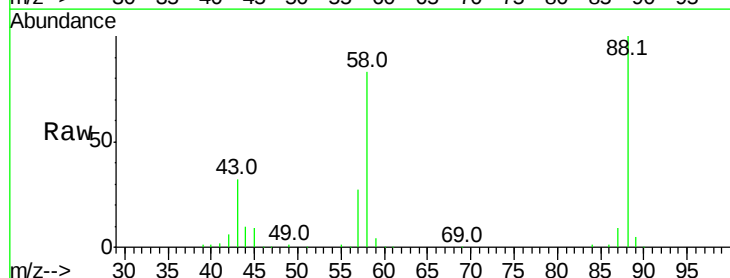
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



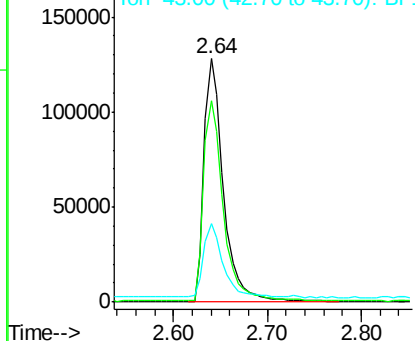
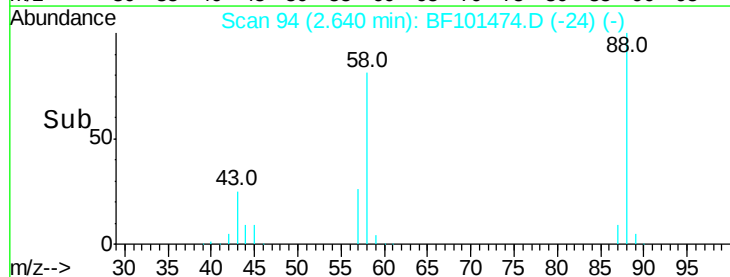
#2

1,4-Dioxane
Concen: 31.409 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.11 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion: 88 Resp: 187719
Ion Ratio Lower Upper
88 100
58 82.2 62.6 93.8
43 31.4 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: 29.411 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.10 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

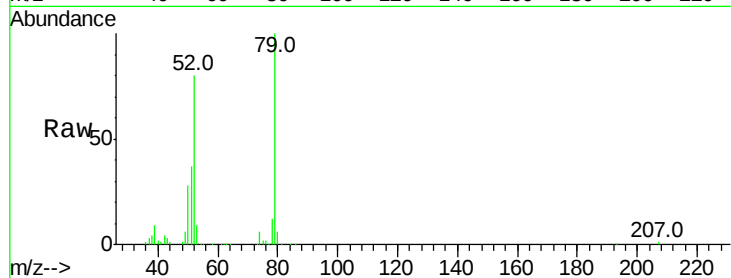
Tot Ion: 79 Resp: 488384

Ion Ratio Lower Upper

79 100

52 80.1 59.8 89.6

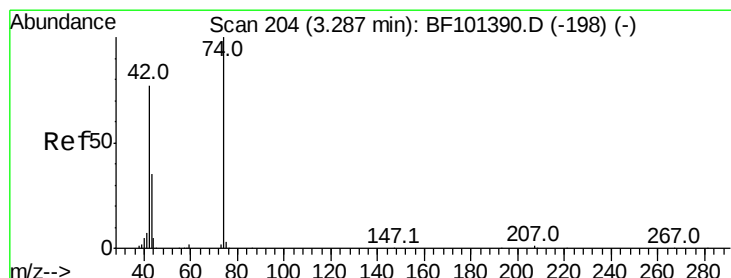
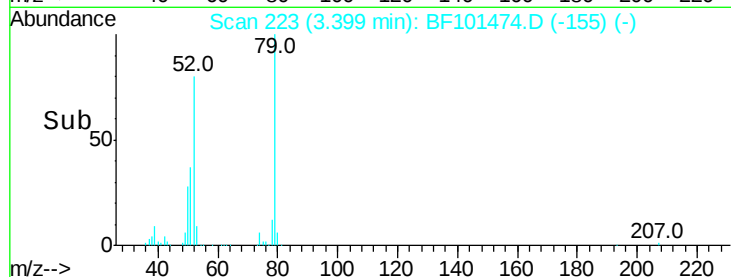
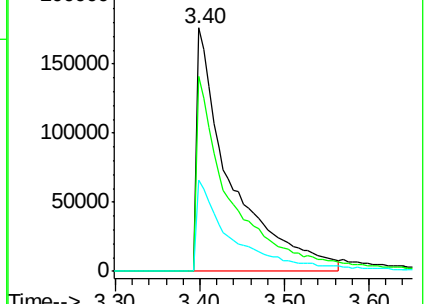
51 37.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.288 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.11 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

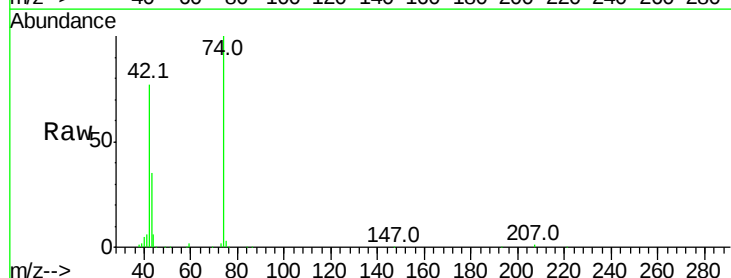
Tgt Ion: 42 Resp: 246864

Ion Ratio Lower Upper

42 100

74 129.8 104.9 157.3

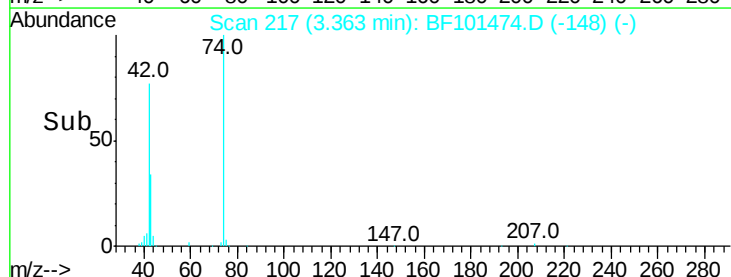
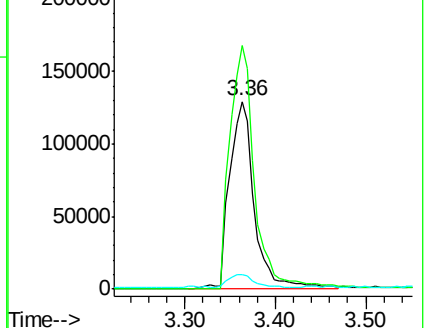
44 8.1 6.9 10.3

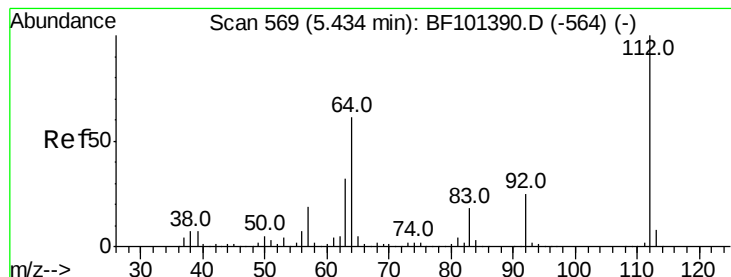


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 106.527 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

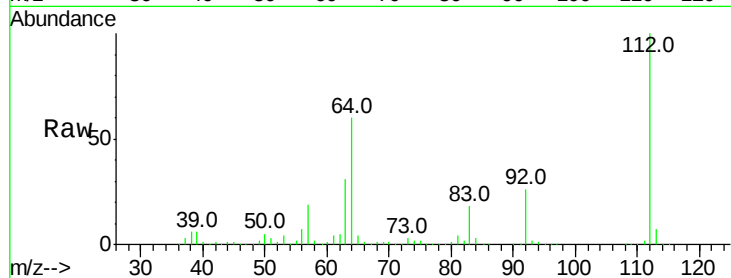
Tot Ion:112 Resp: 1239070

Ion Ratio Lower Upper

112 100

64 59.9 47.9 71.9

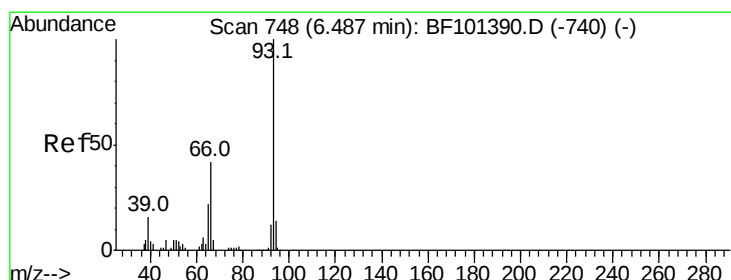
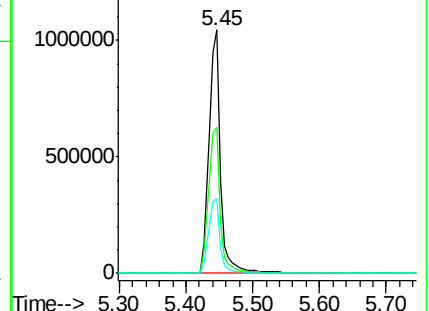
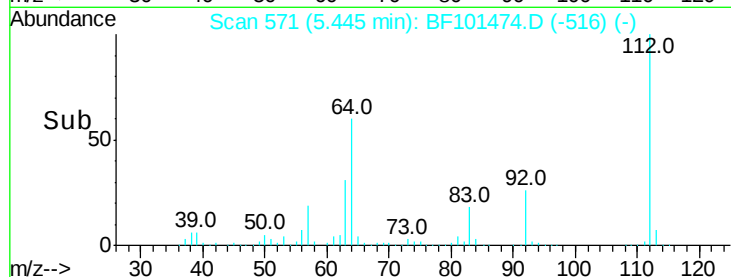
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.979 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

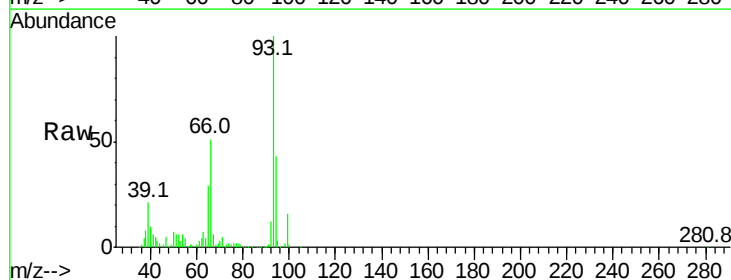
Tgt Ion: 93 Resp: 200750

Ion Ratio Lower Upper

93 100

66 51.4 32.2 48.2#

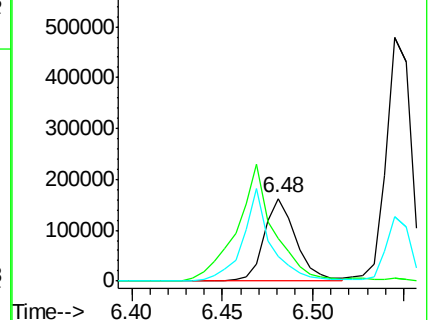
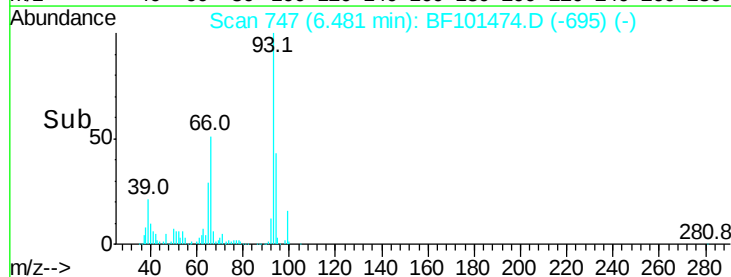
65 29.3 16.4 24.6#

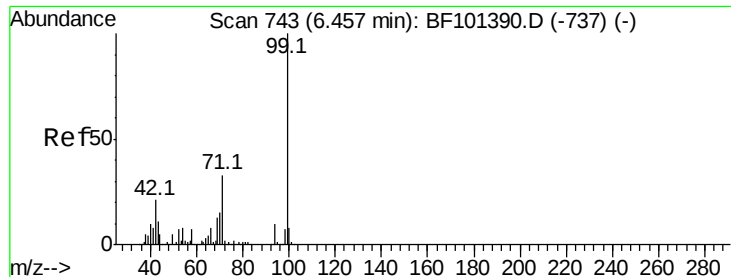


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.239 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

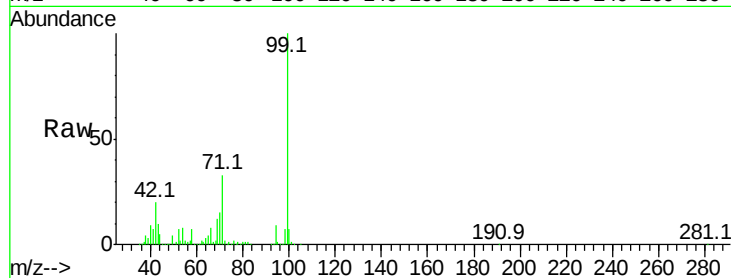
Tot Ion: 99 Resp: 1508949

Ion Ratio Lower Upper

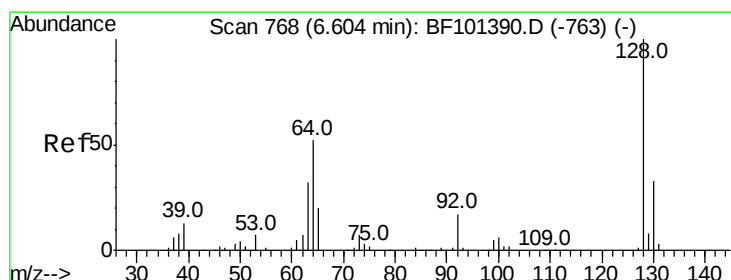
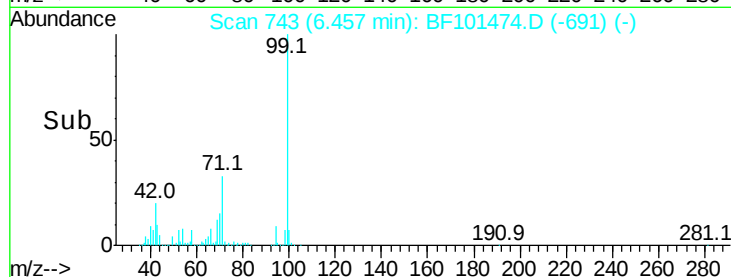
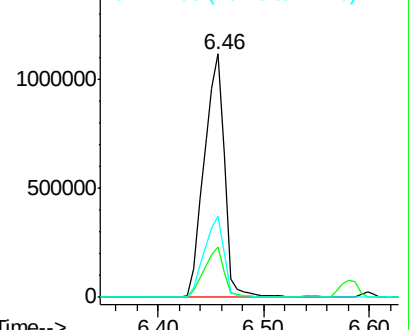
99 100

42 20.4 14.5 21.7

71 33.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 35.371 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

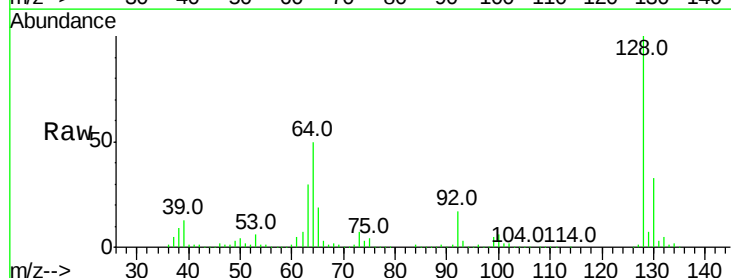
Tgt Ion:128 Resp: 432778

Ion Ratio Lower Upper

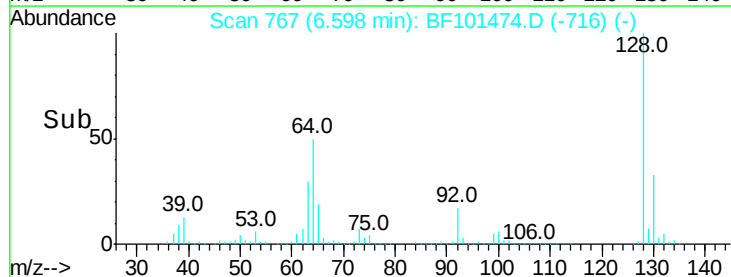
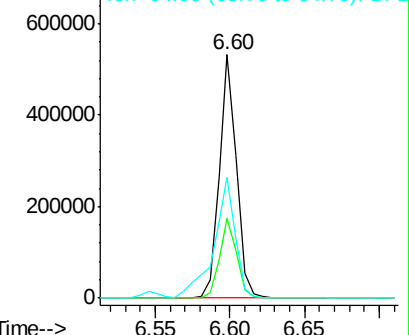
128 100

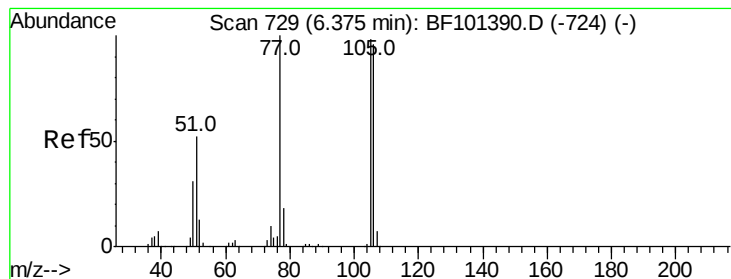
130 32.5 13.0 53.0

64 49.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 10.203 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

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ClientSampleId :

PB105093BS

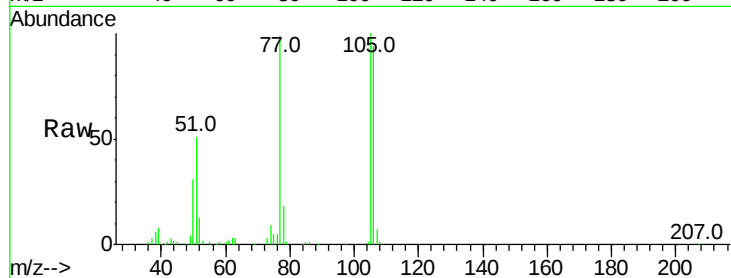
Tot Ion: 77 Resp: 109075

Ion Ratio Lower Upper

77 100

105 101.2 81.1 121.1

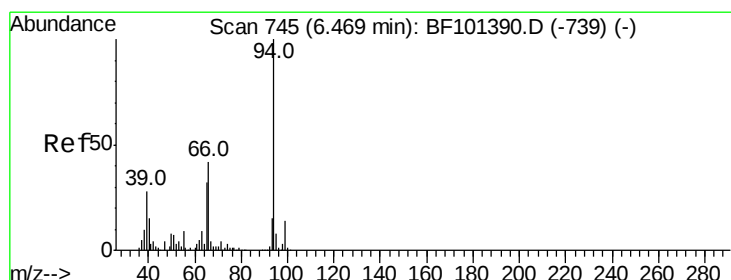
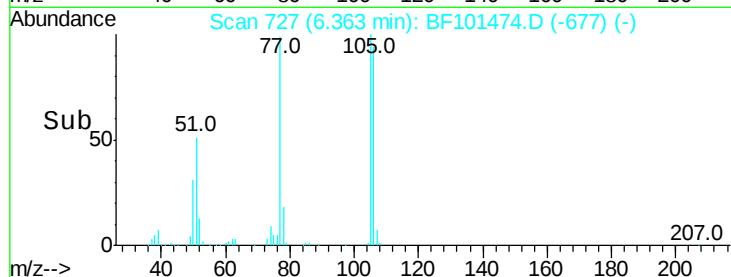
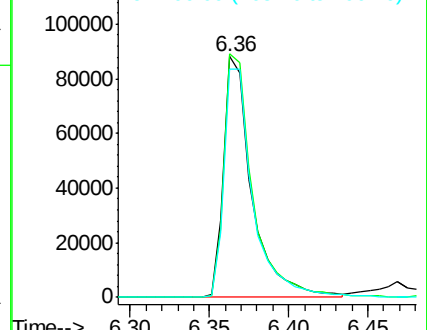
106 95.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.095 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

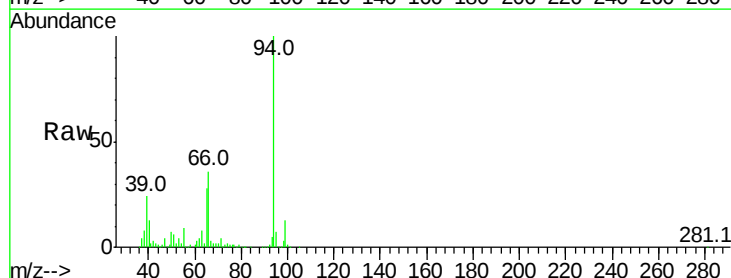
Tgt Ion: 94 Resp: 529535

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

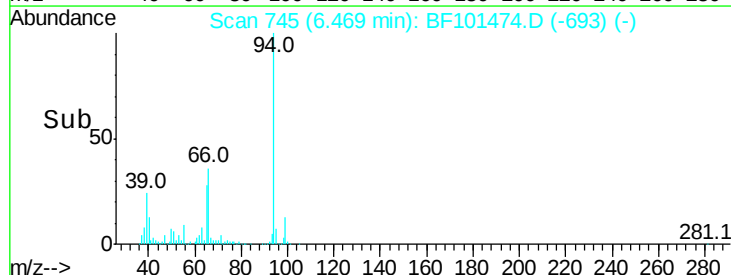
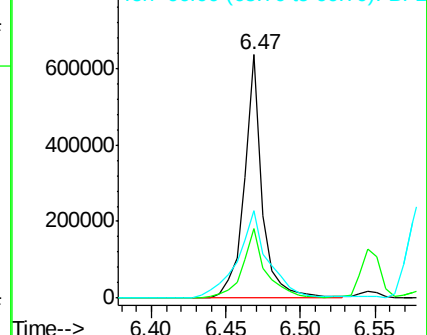
66 36.2 16.2 56.2

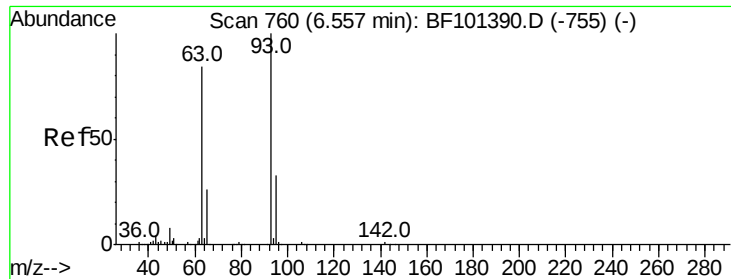


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.652 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

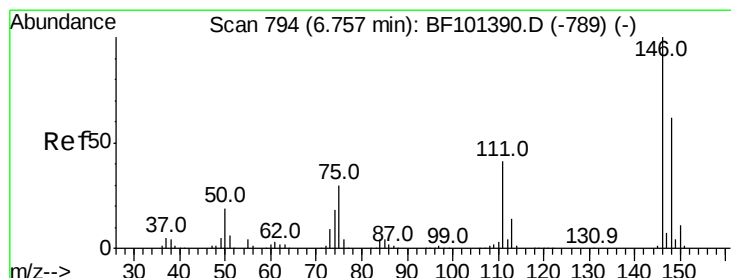
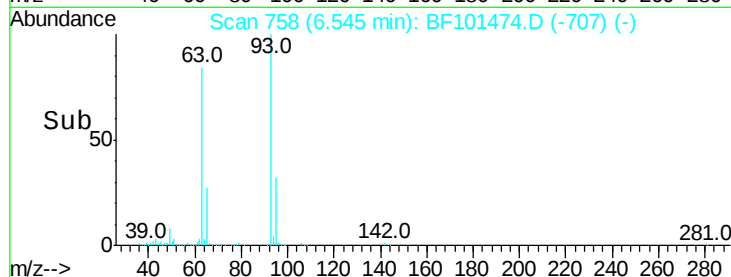
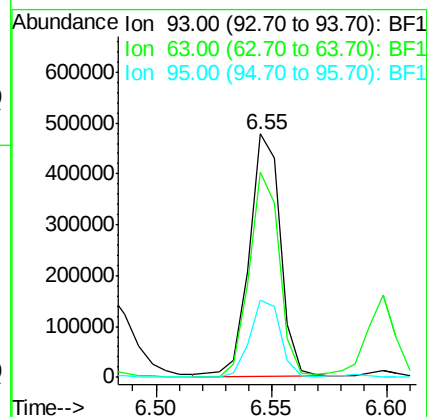
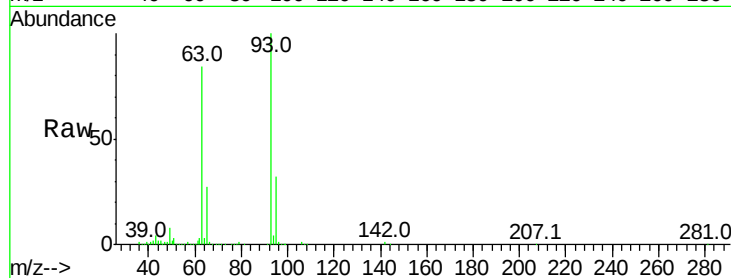
Tot Ion: 93 Resp: 448455

Ion Ratio Lower Upper

93 100

63 84.4 58.6 98.6

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.754 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

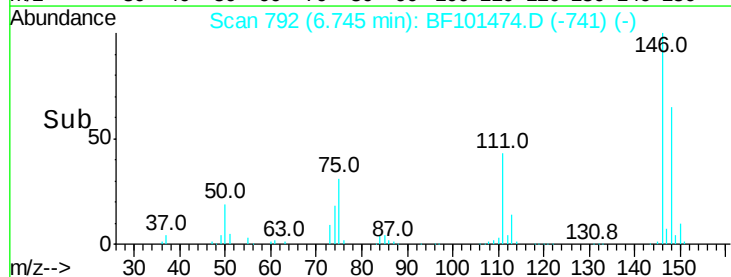
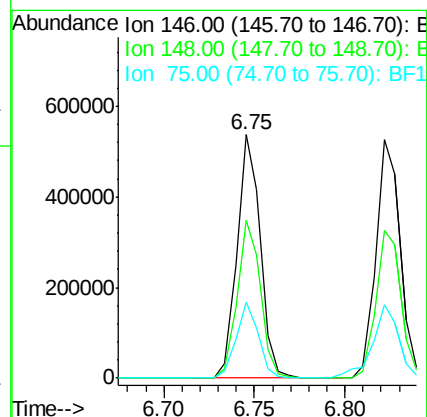
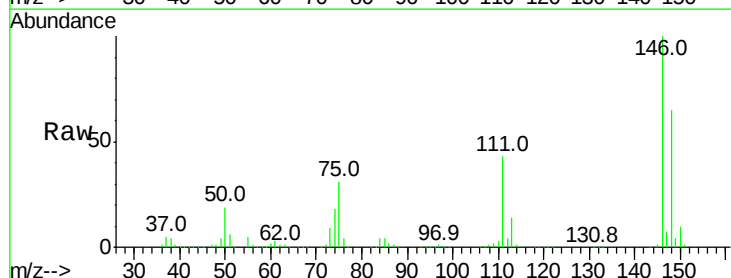
Tgt Ion: 146 Resp: 479926

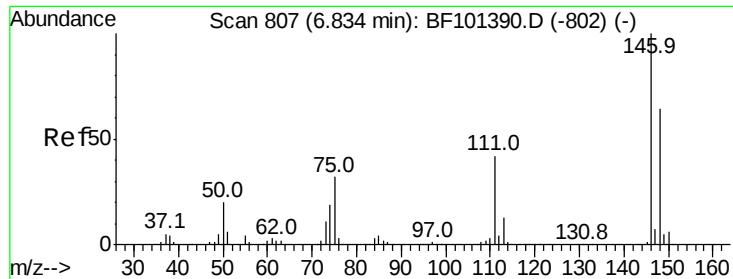
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 30.9 24.2 36.4

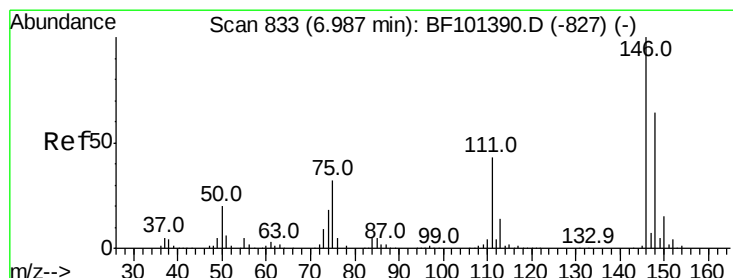
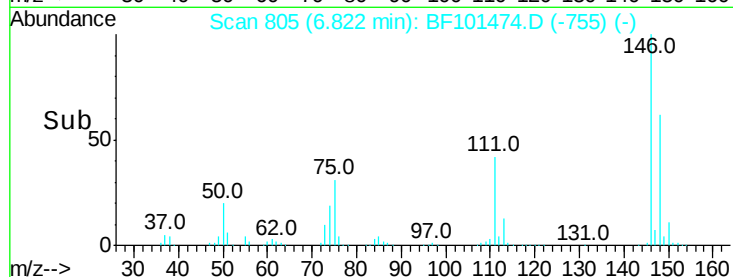
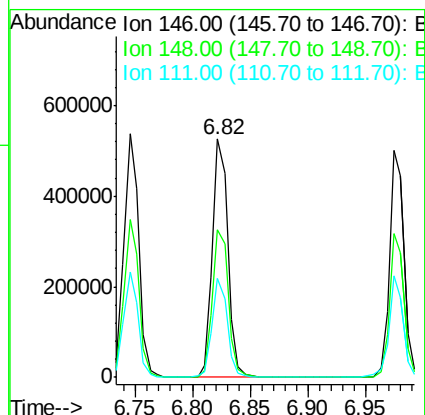
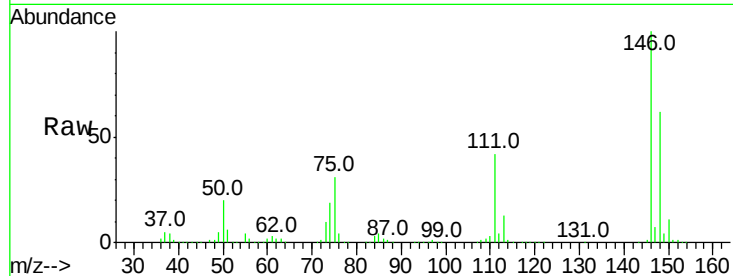




#13
 1,4-Dichlorobenzene
 Concen: 35.038 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

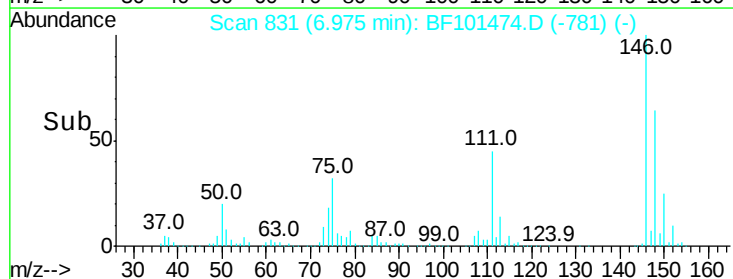
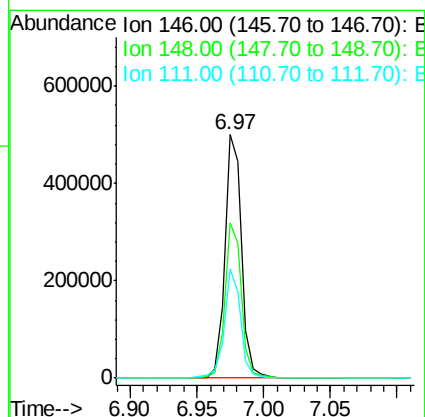
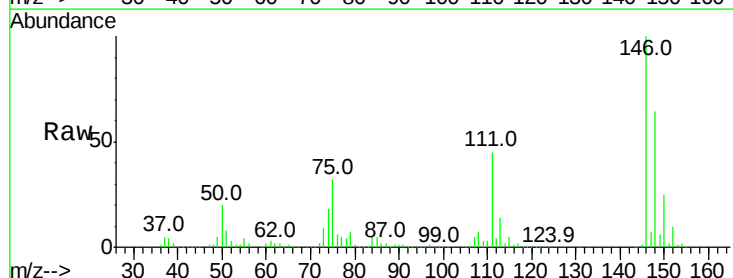
Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

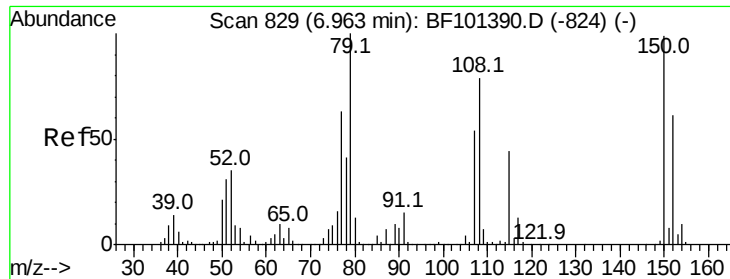
Tot Ion:146 Resp: 494096
 Ion Ratio Lower Upper
 146 100
 148 61.8 50.8 76.2
 111 41.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.658 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion:146 Resp: 439930
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 44.6 36.0 54.0

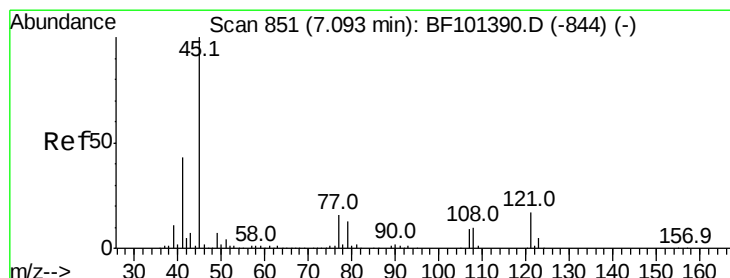
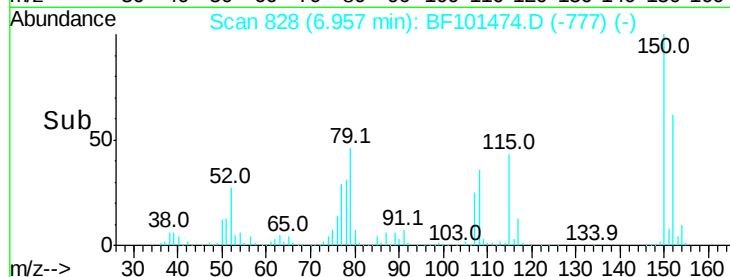
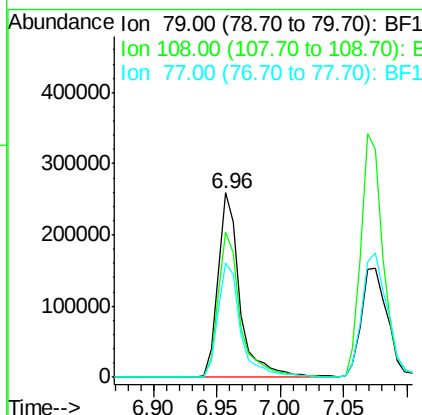
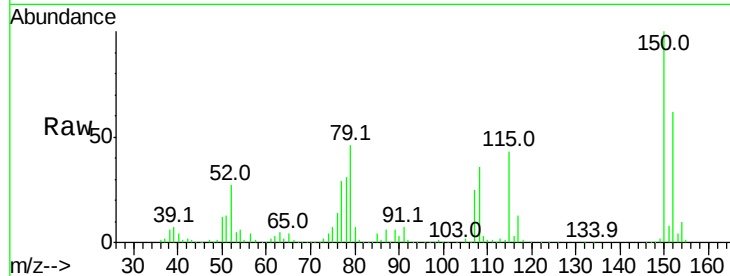




#15
Benzyl Alcohol
Concen: 31.739 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

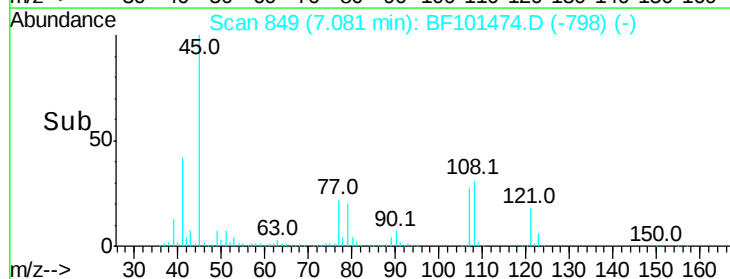
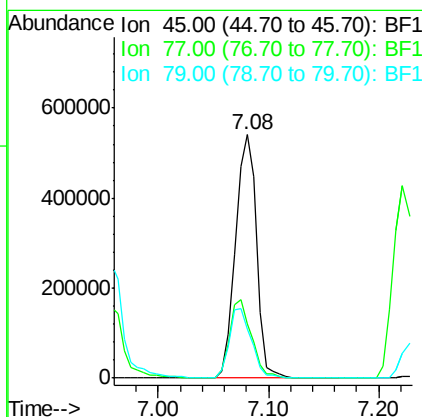
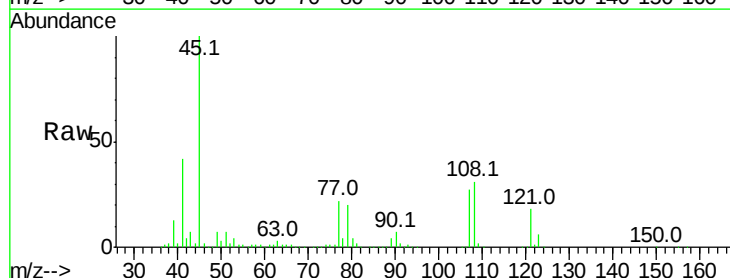
Instrument :
BNA_F
ClientSampleId :
PB105093BS

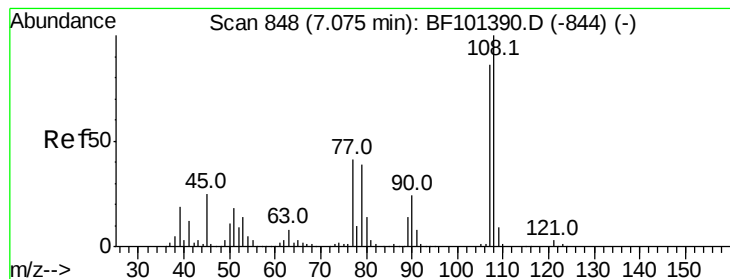
Tot Ion: 79 Resp: 316234
Ion Ratio Lower Upper
79 100
108 78.7 65.1 97.7
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.421 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion: 45 Resp: 721380
Ion Ratio Lower Upper
45 100
77 22.3 0.0 32.9
79 20.2 0.0 29.6





#17

2-Methylphenol

Concen: 31.886 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

Tot Ion:107 Resp: 358874

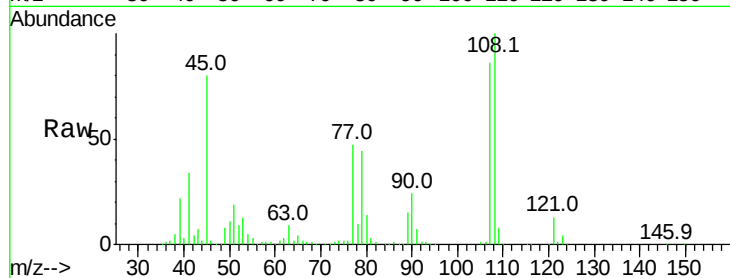
Ion Ratio Lower Upper

107 100

108 116.3 91.7 137.5

77 55.1 33.8 50.8#

79 51.3 33.8 50.8#

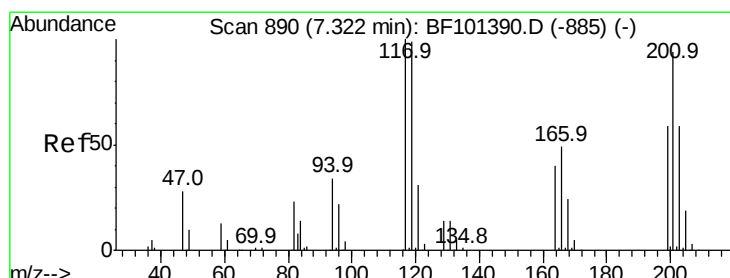
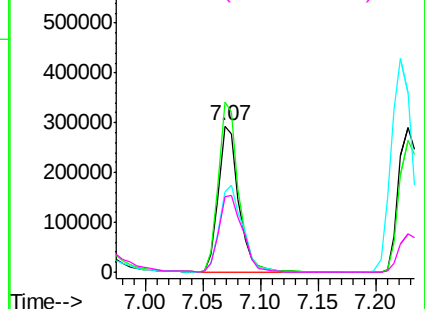
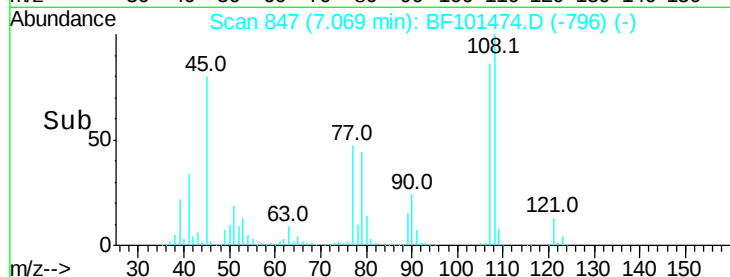


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.463 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

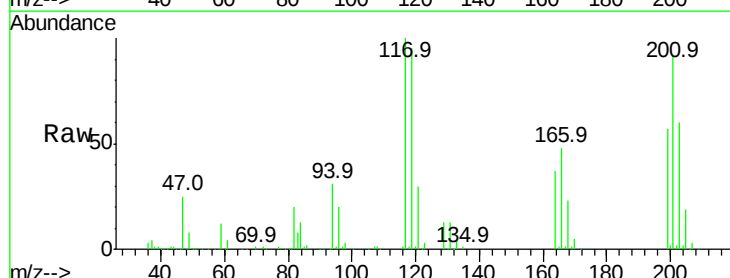
Tgt Ion:117 Resp: 173873

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

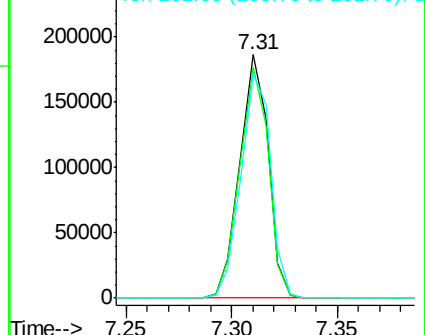
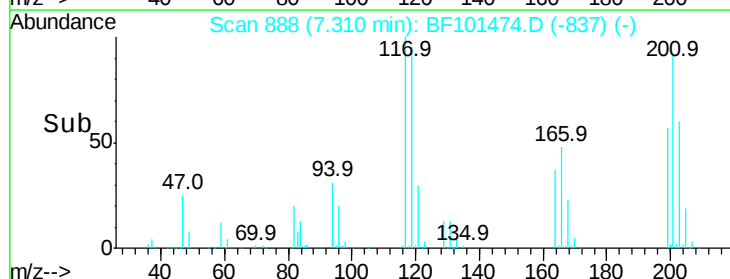
201 91.9 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.858 ng

RT: 7.22 min Scan# 873

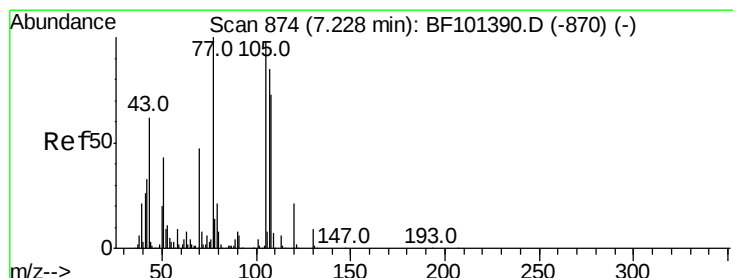
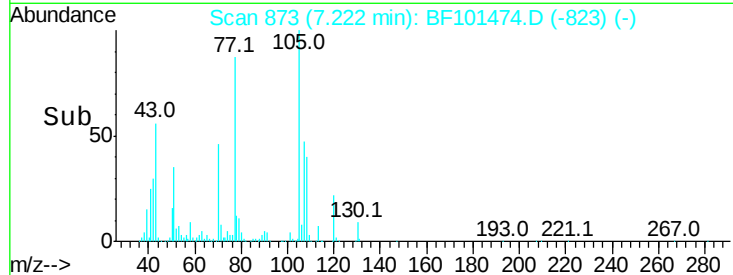
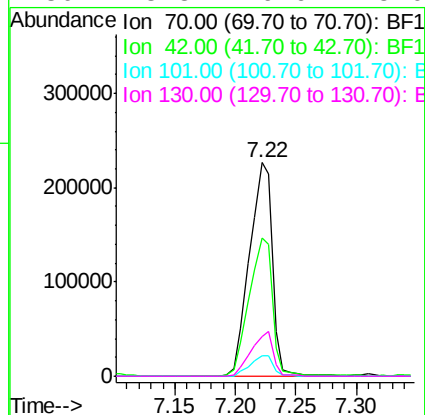
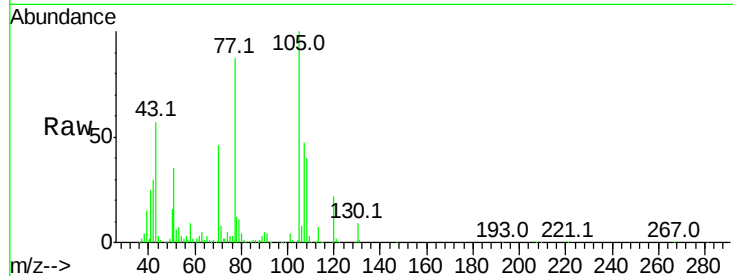
Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

Tot Ion:	70	Resp:	302863
Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.5	71.3
101	9.3	7.4	11.2
130	18.8	16.6	25.0



#20

3+4-Methylphenols

Concen: 38.819 ng

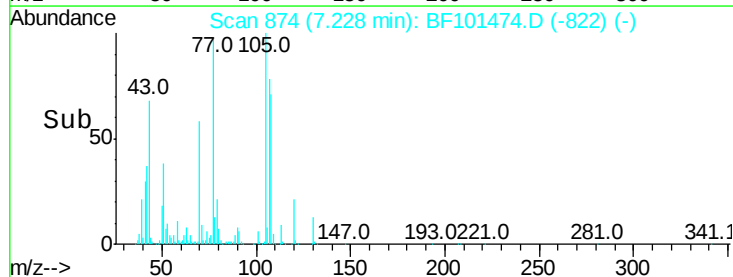
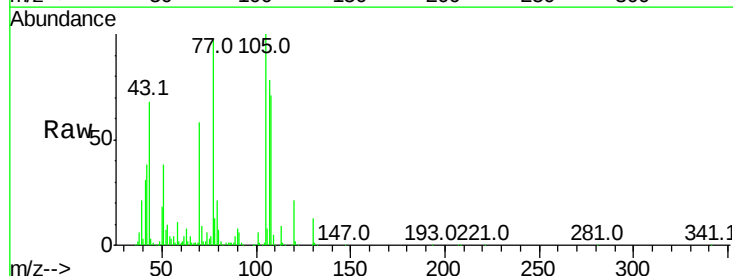
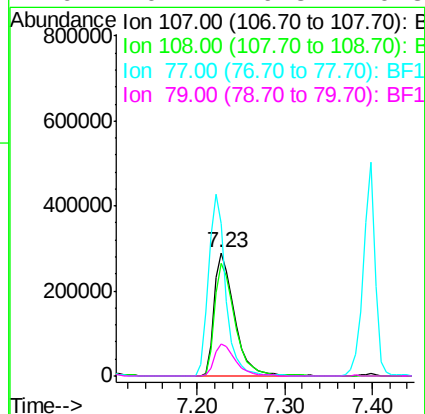
RT: 7.23 min Scan# 874

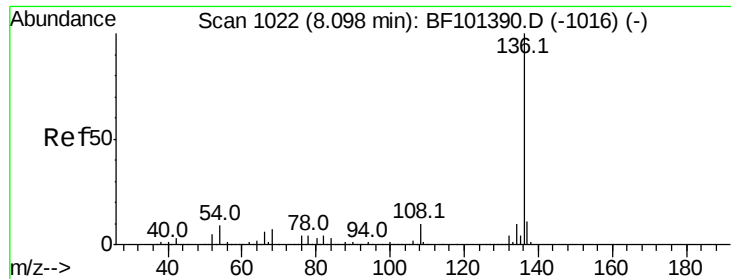
Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Tgt Ion:	107	Resp:	462982
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	123.7	26.7	66.7#
79	26.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

Tot Ion:136 Resp: 704999

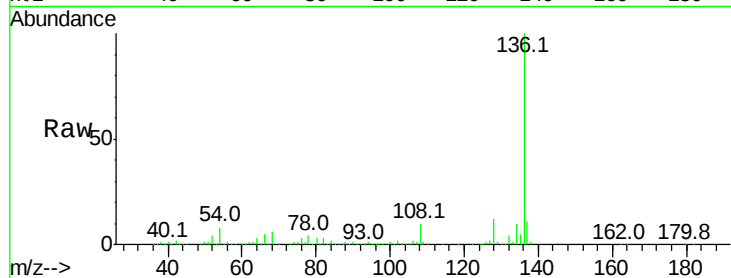
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 6.6 9.8

68 6.2 5.0 7.4

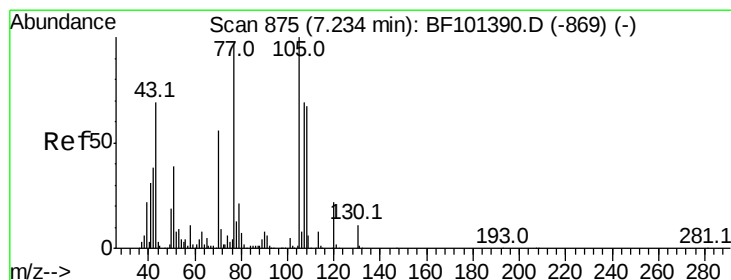
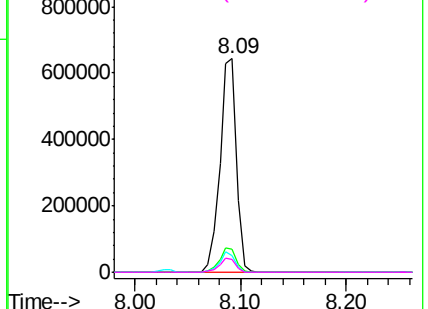
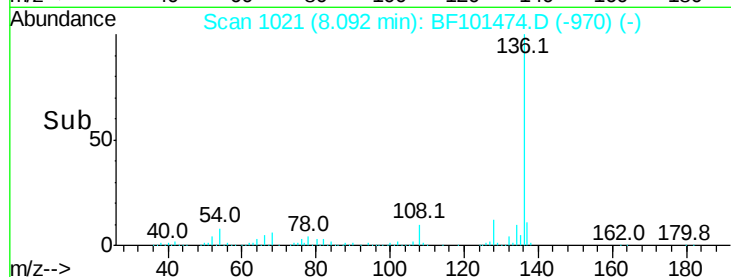


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.284 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Tgt Ion:105 Resp: 599773

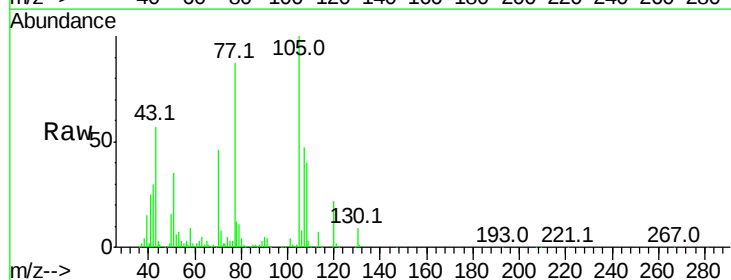
Ion Ratio Lower Upper

105 100

71 7.8 4.4 6.6#

51 34.9 22.3 33.5#

120 21.5 16.9 25.3

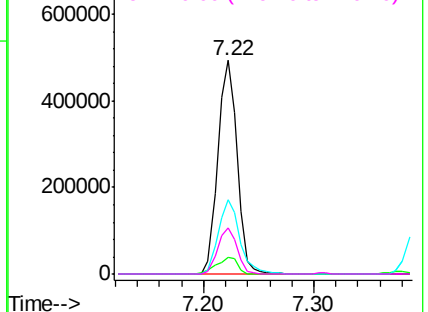
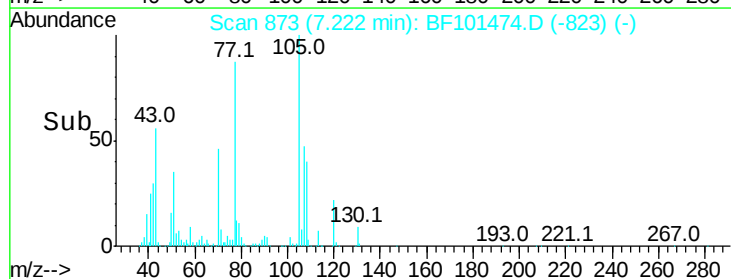


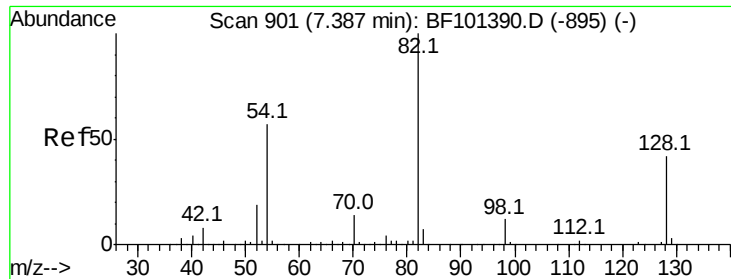
Abundance Ion 105.00 (104.70 to 105.70): E

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

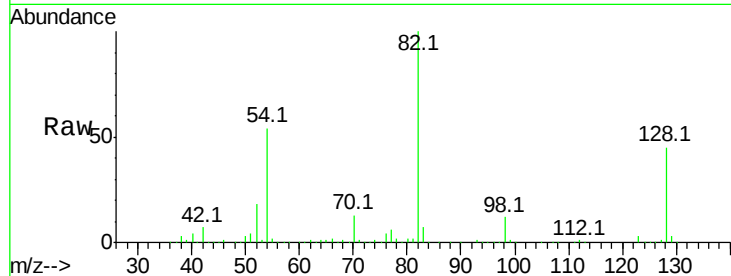




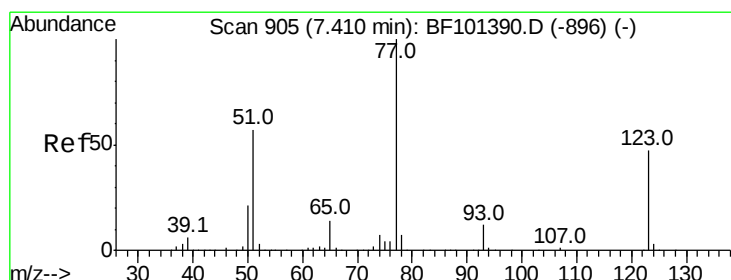
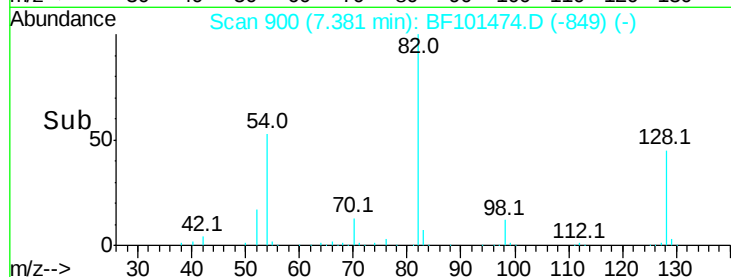
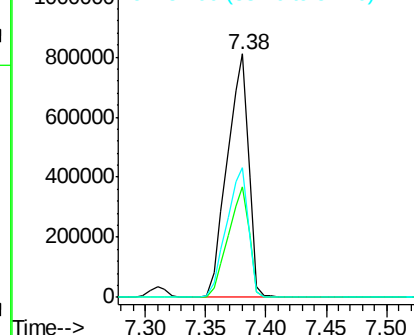
#23
Nitrobenzene-d5
Concen: 78.399 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

Tot Ion: 82 Resp: 992917
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 53.5 41.4 62.2

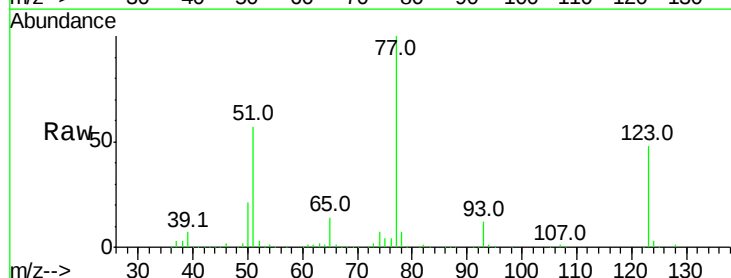


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

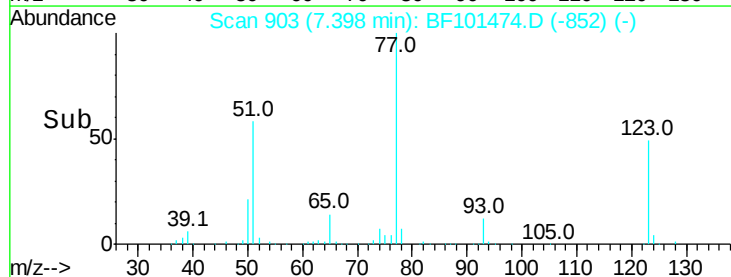
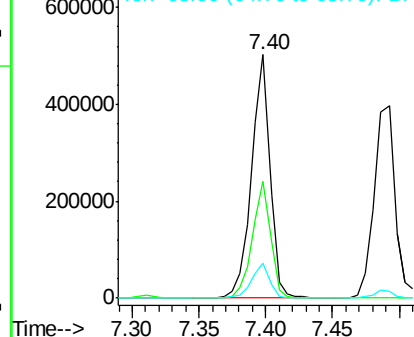


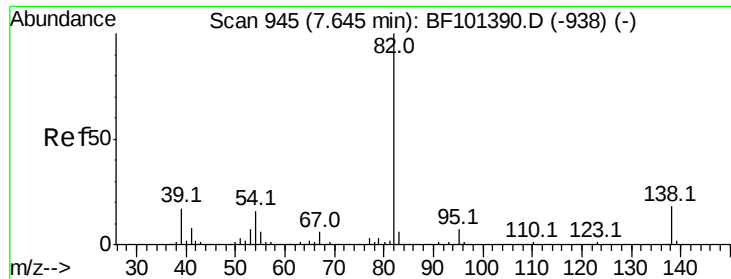
#24
Nitrobenzene
Concen: 33.947 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion: 77 Resp: 475828
Ion Ratio Lower Upper
77 100
123 47.9 37.9 56.9
65 14.2 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.284 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

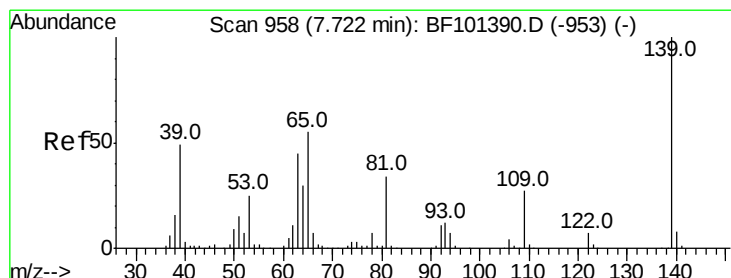
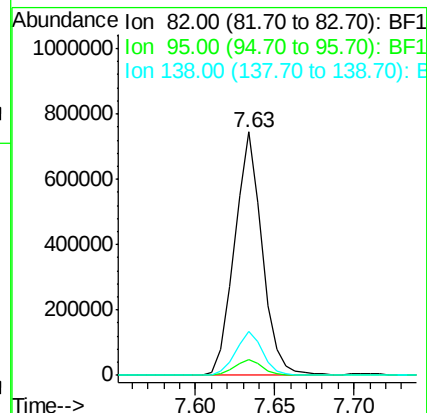
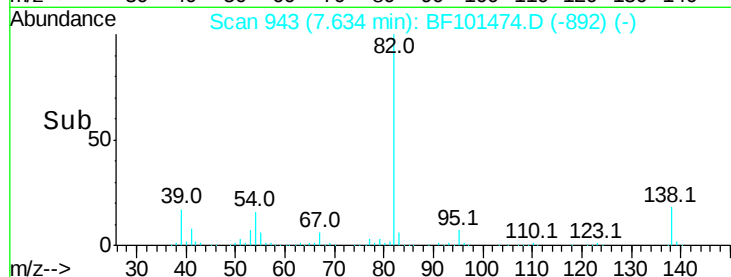
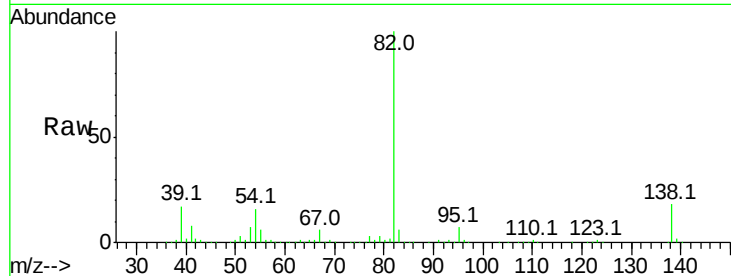
Tot Ion: 82 Resp: 896446

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 41.635 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

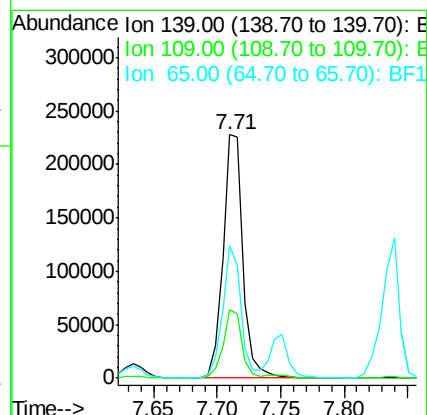
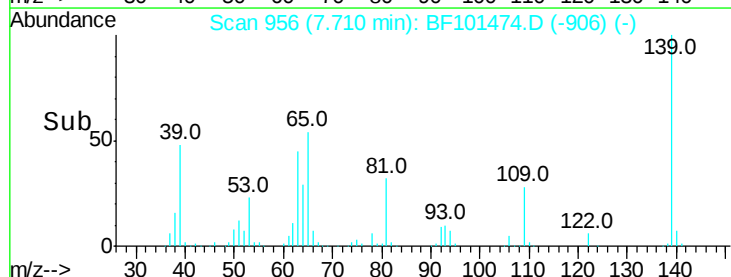
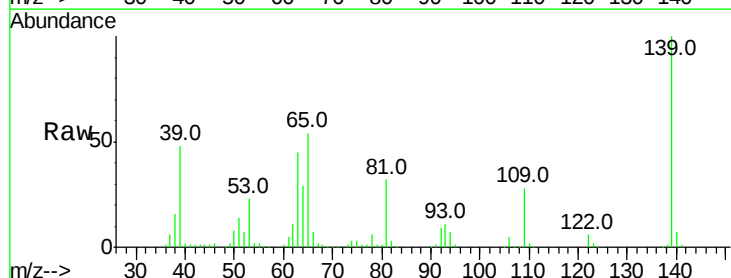
Tgt Ion: 139 Resp: 250719

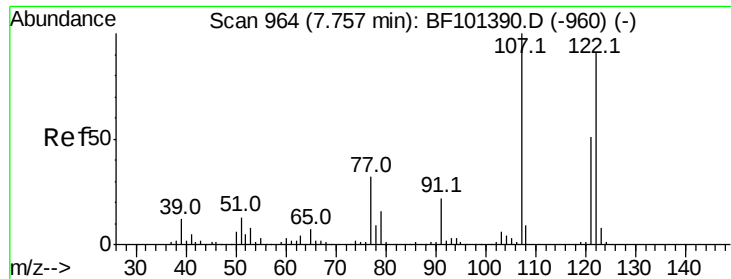
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 54.4 40.5 60.7

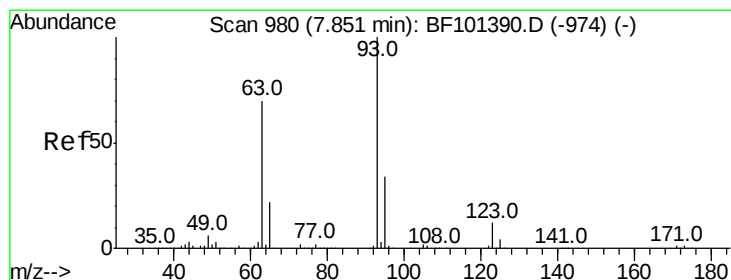
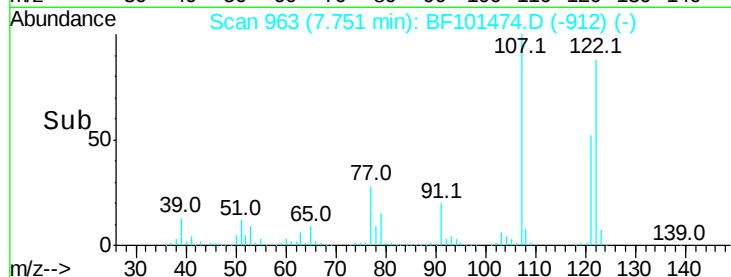
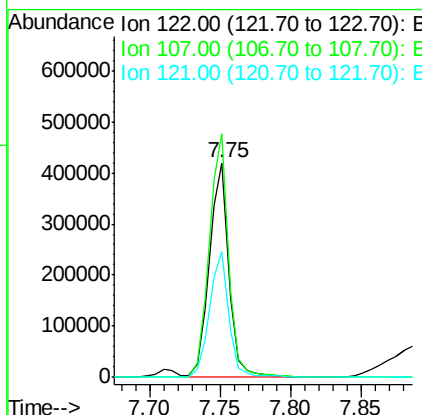
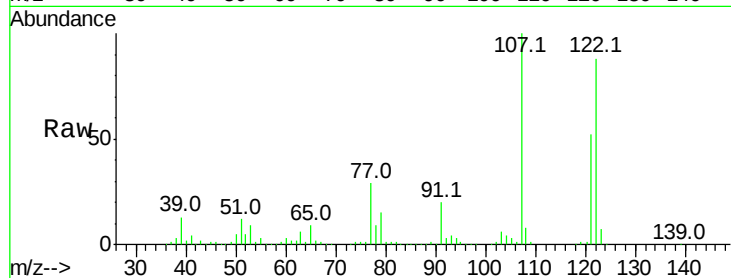




#27
2,4-Dimethylphenol
Concen: 39.175 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

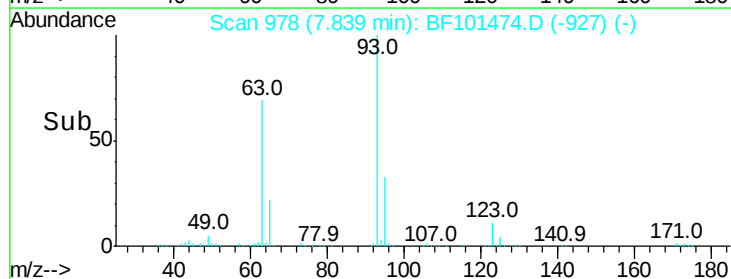
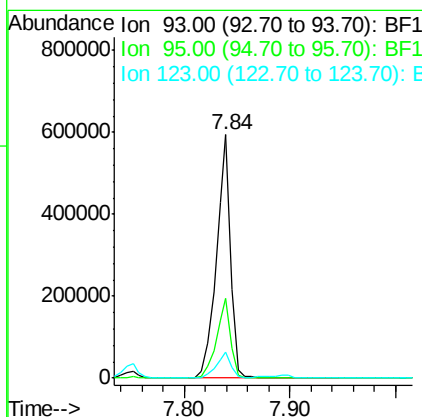
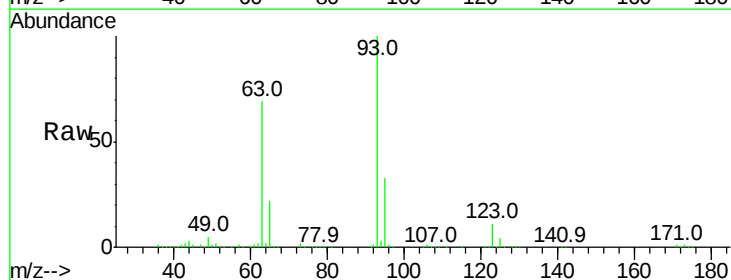
Instrument :
BNA_F
ClientSampleId :
PB105093BS

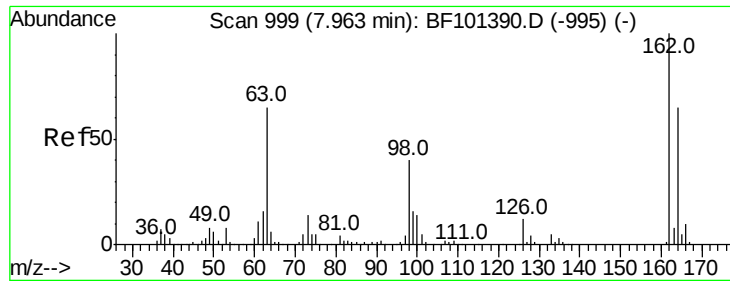
Tot Ion:122 Resp: 400777
Ion Ratio Lower Upper
122 100
107 113.5 91.2 136.8
121 58.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 34.961 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion: 93 Resp: 564227
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.6 9.8 14.6

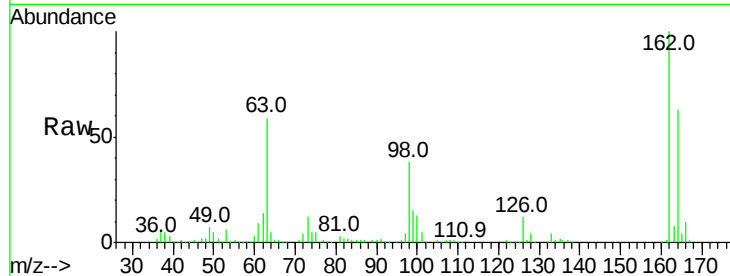




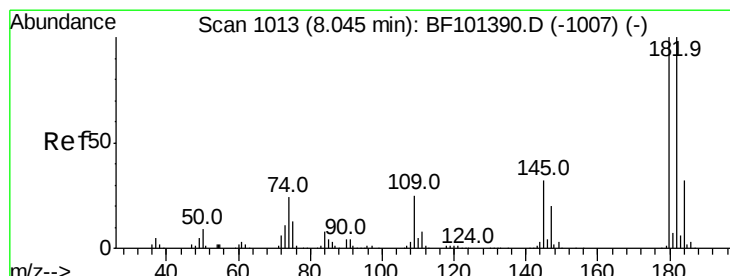
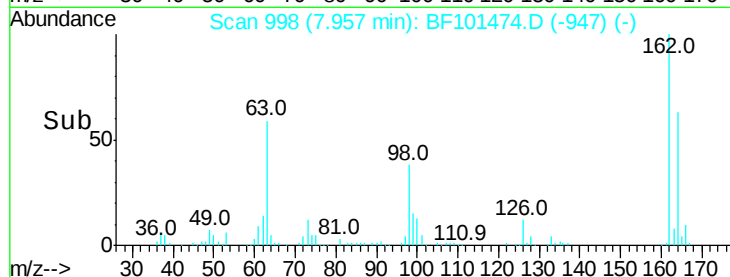
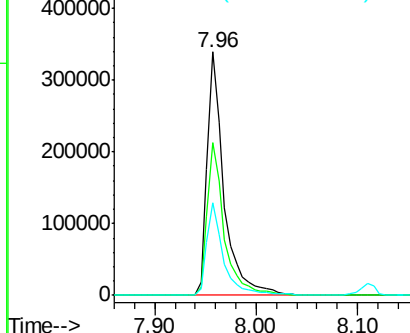
#29
2,4-Dichlorophenol
Concen: 38.687 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

Tot Ion:162 Resp: 391014
Ion Ratio Lower Upper
162 100
164 62.8 42.7 82.7
98 37.9 18.1 58.1

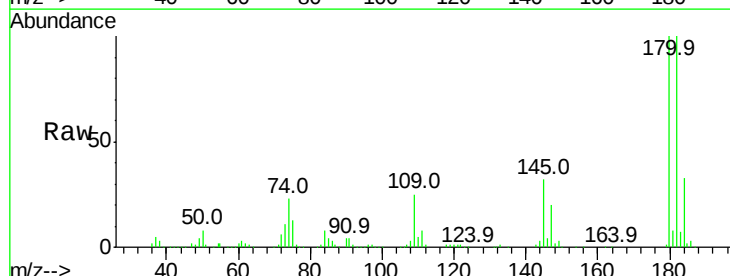


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

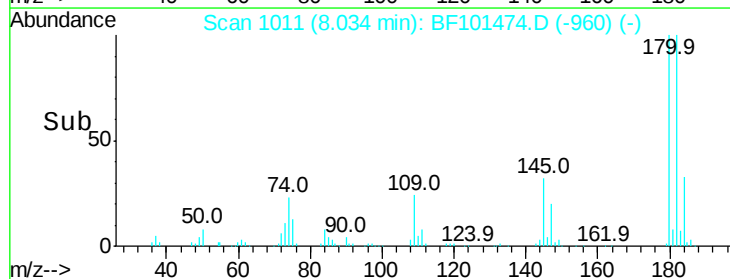
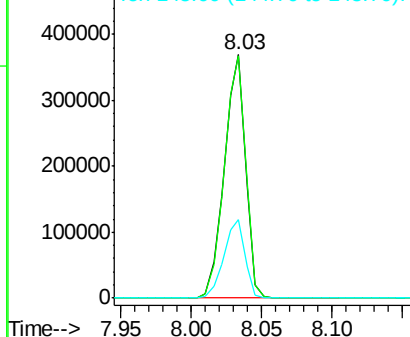


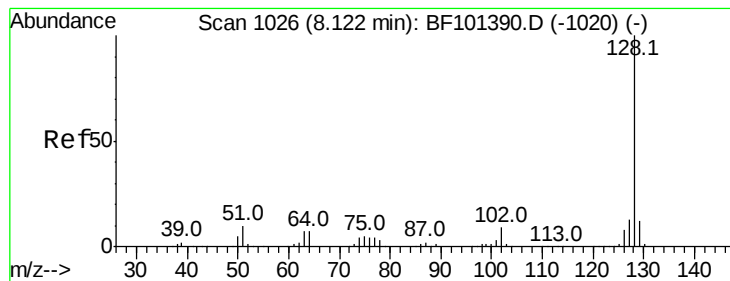
#30
1,2,4-Trichlorobenzene
Concen: 36.073 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion:180 Resp: 384762
Ion Ratio Lower Upper
180 100
182 99.5 76.8 115.2
145 32.3 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: 34.808 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

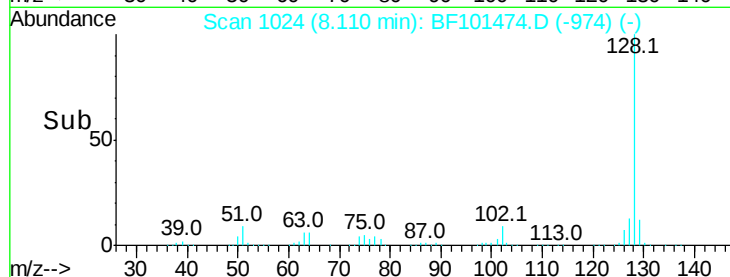
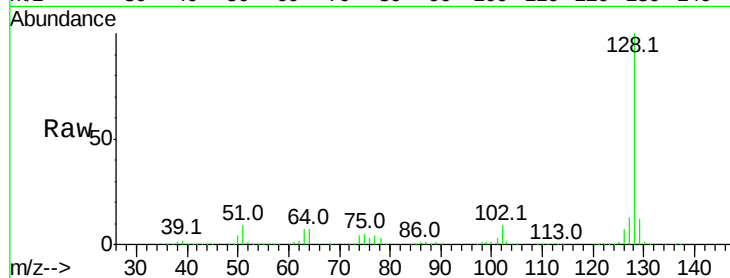
Tot Ion:128 Resp: 1235421

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

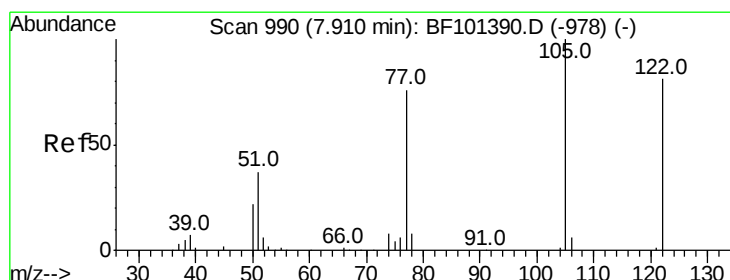
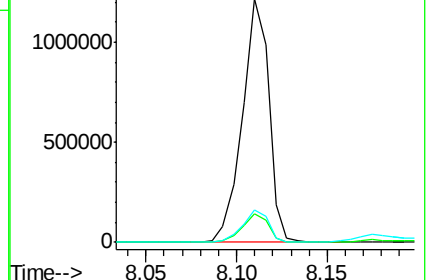
127 13.4 10.9 16.3



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: 26.041 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

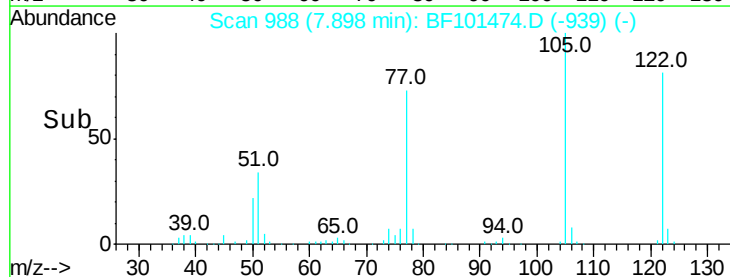
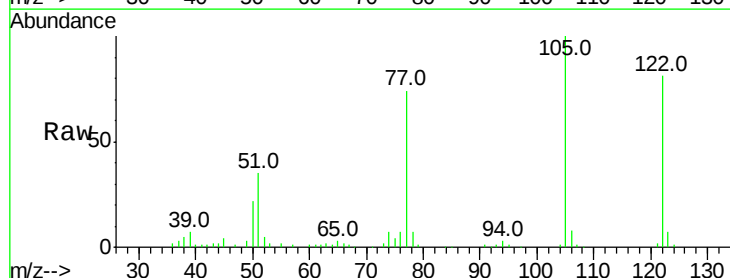
Tgt Ion:122 Resp: 149410

Ion Ratio Lower Upper

122 100

105 123.1 101.1 141.1

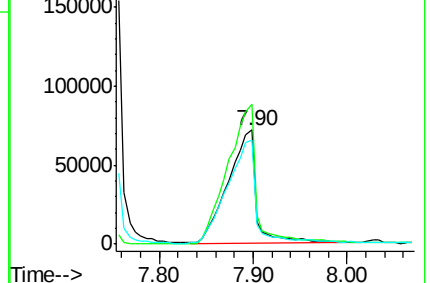
77 91.3 70.7 110.7

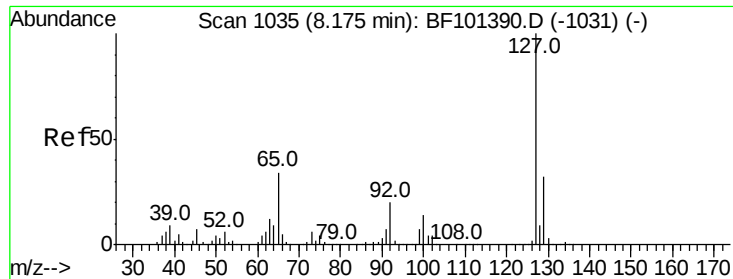


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

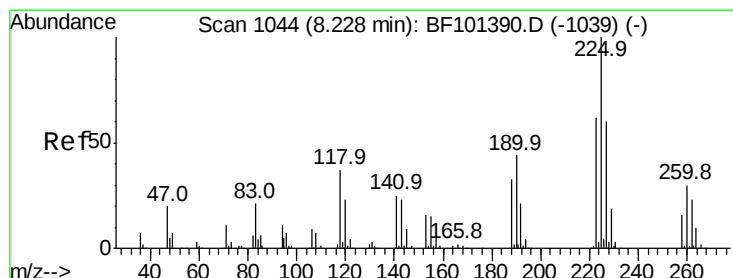
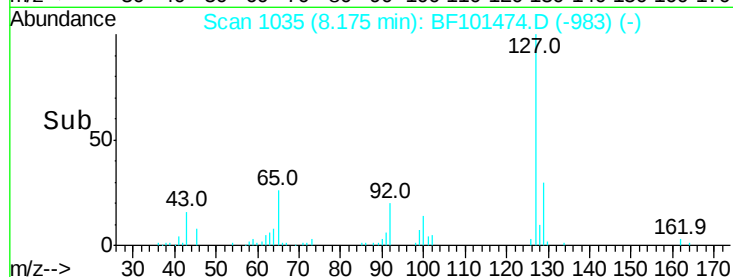
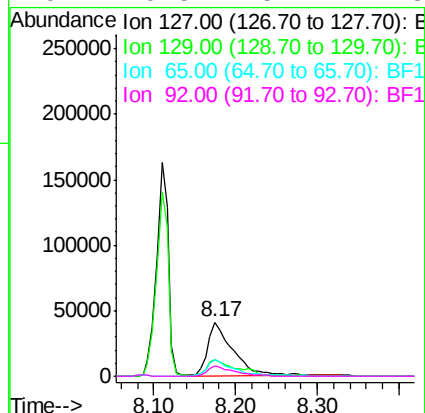
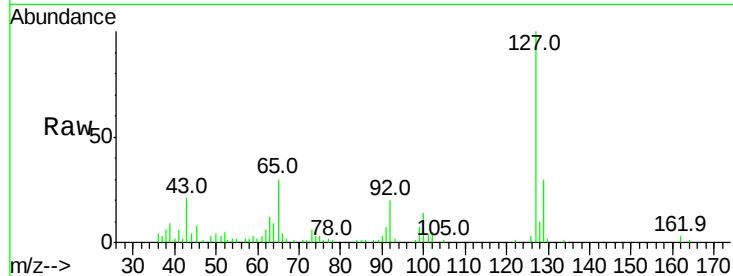




#33
4-Chloroaniline
Concen: 5.786 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

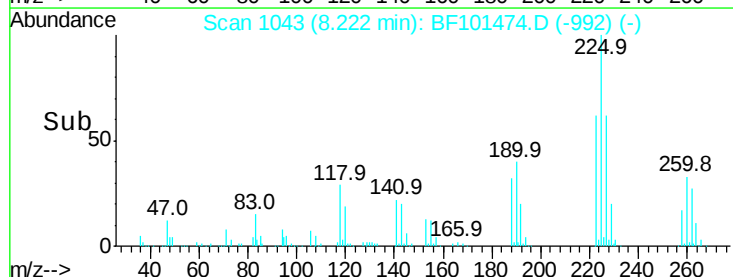
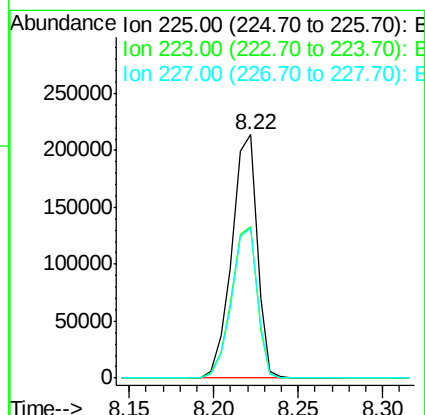
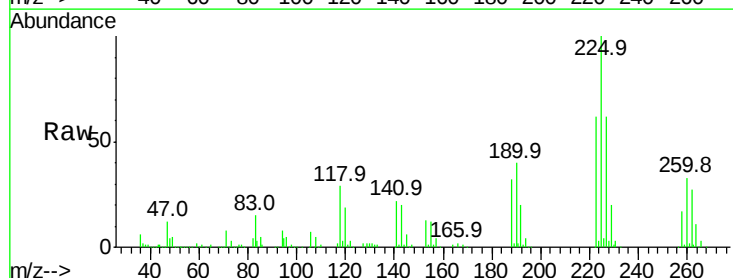
Instrument :
BNA_F
ClientSampleId :
PB105093BS

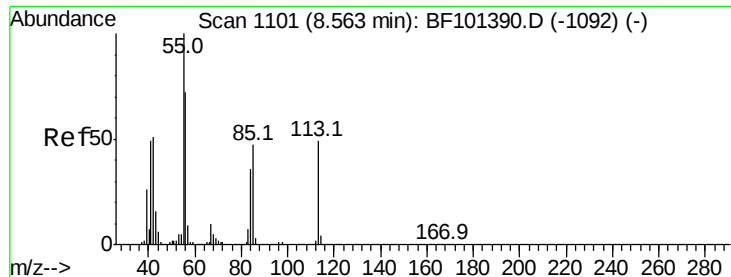
Tot Ion:	127	Resp:	89261
Ion	Ratio	Lower	Upper
127	100		
129	29.9	25.9	38.9
65	30.3	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.134 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion:	225	Resp:	222911
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	61.9	51.9	77.9





#35

Caprolactam

Concen: 19.941 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

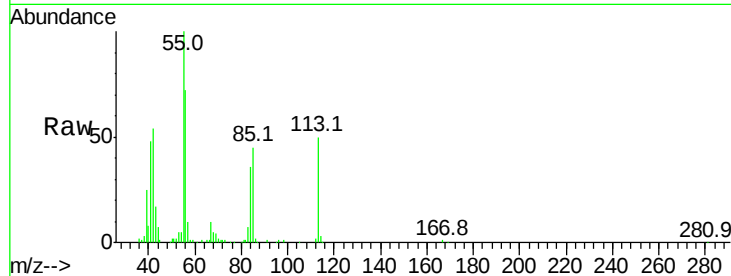
Tot Ion:113 Resp: 69984

Ion Ratio Lower Upper

113 100

55 199.0 163.3 203.3

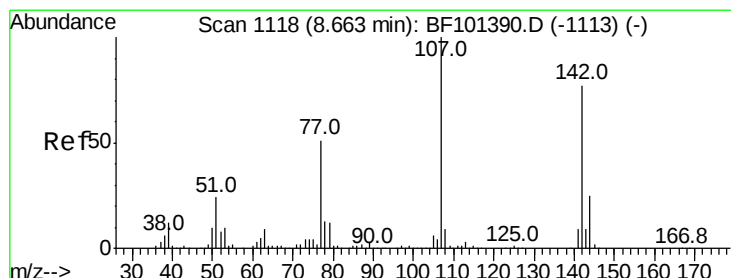
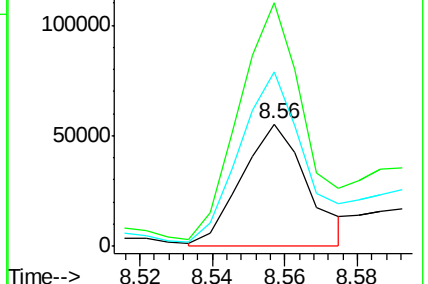
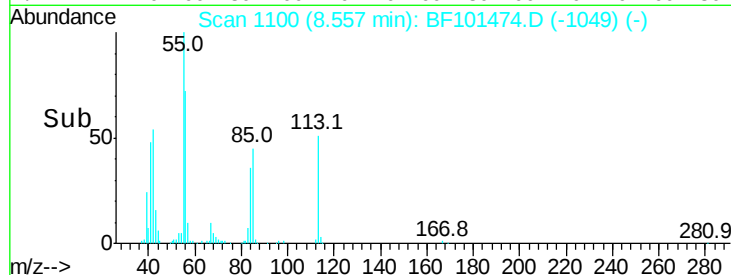
56 142.6 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.966 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

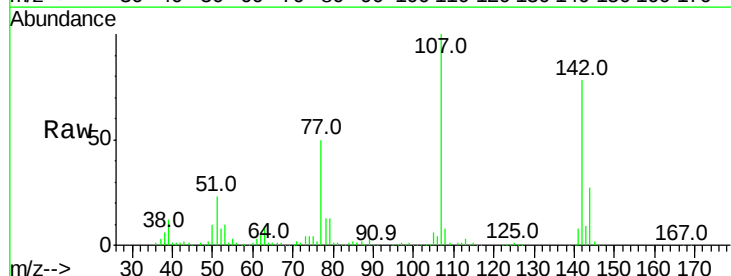
Tgt Ion:107 Resp: 399543

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

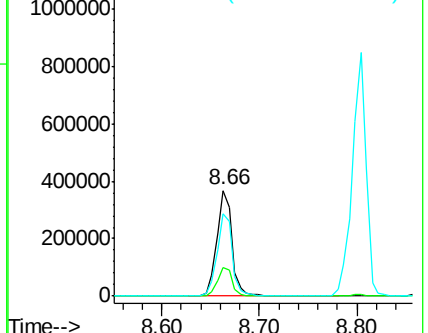
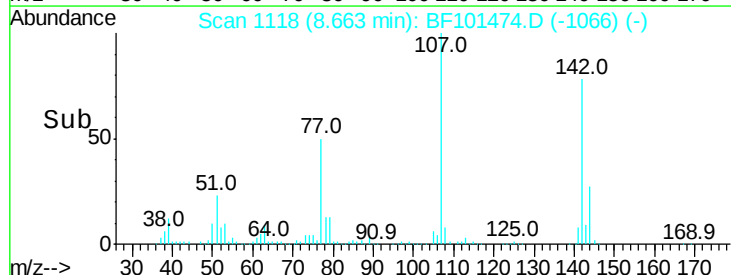
142 78.1 62.0 93.0

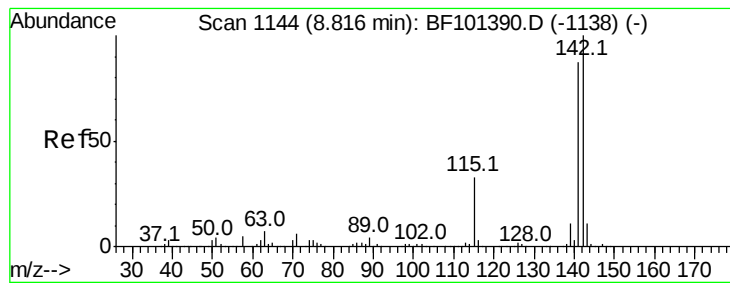


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

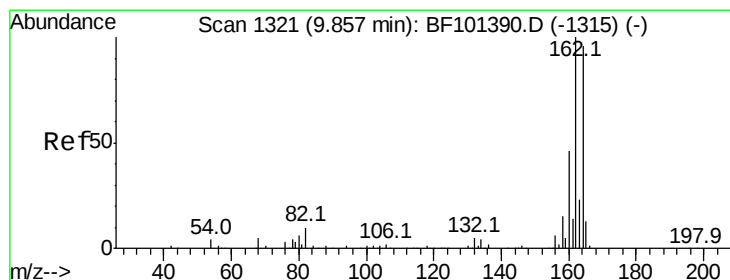
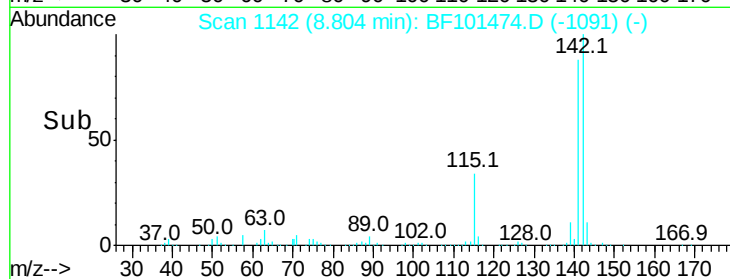
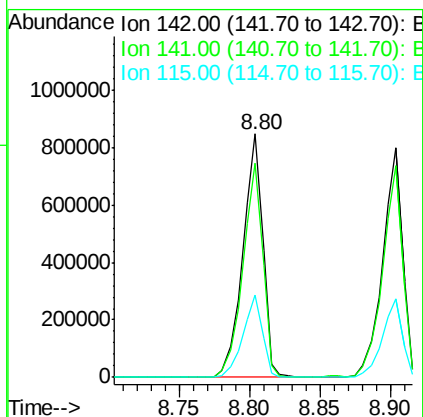
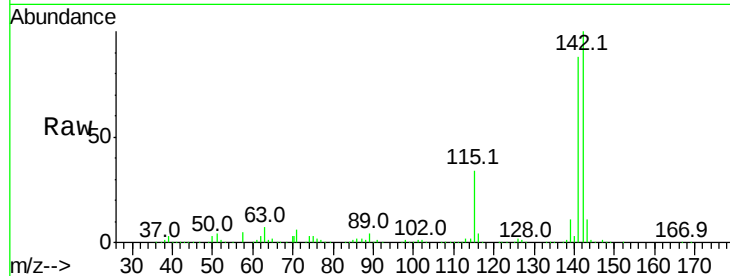




#37
2-Methylnaphthalene
Concen: 36.212 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

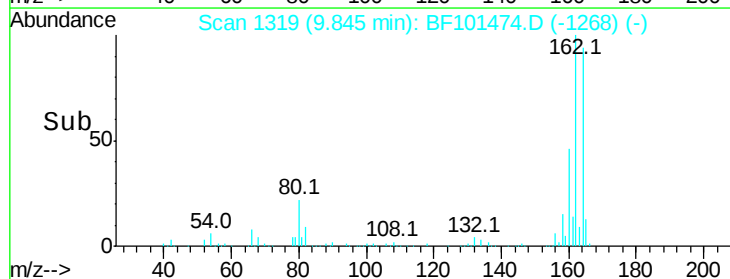
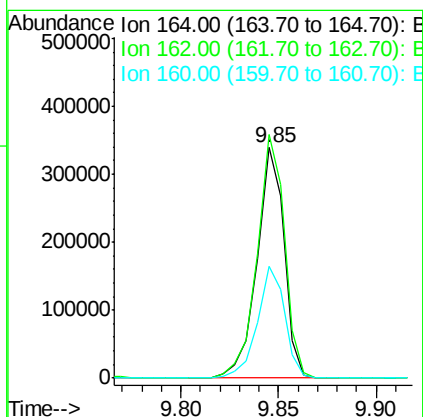
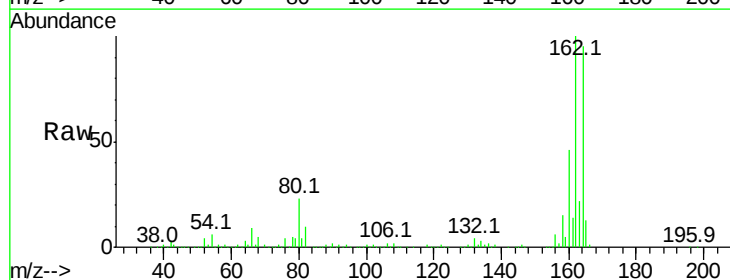
Instrument :
BNA_F
ClientSampled :
PB105093BS

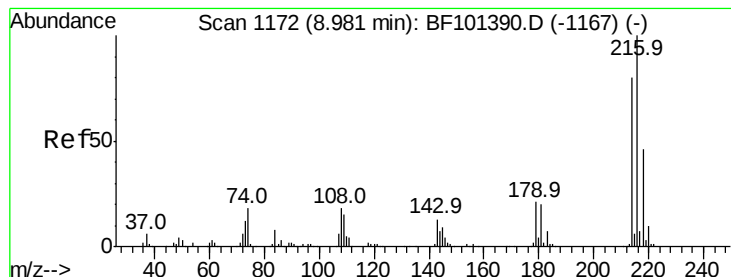
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	33.6	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	48.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.402 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

Tot Ion:216 Resp: 402147

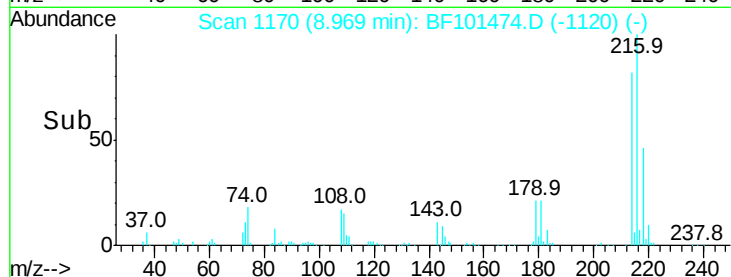
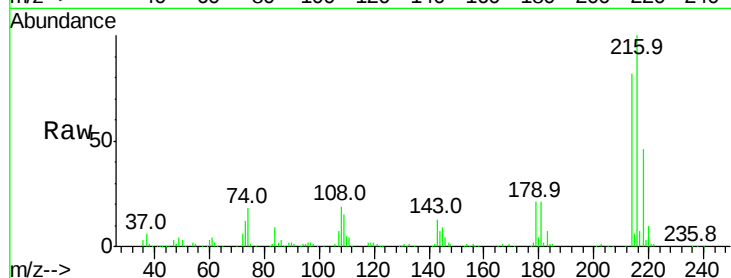
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 20.5 18.1 27.1

108 18.6 17.2 25.8

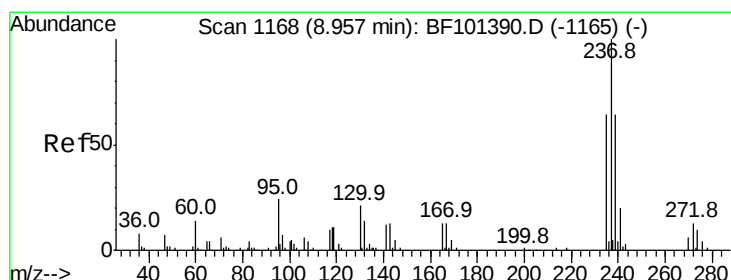
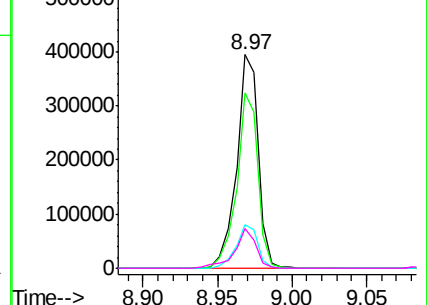


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.100 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

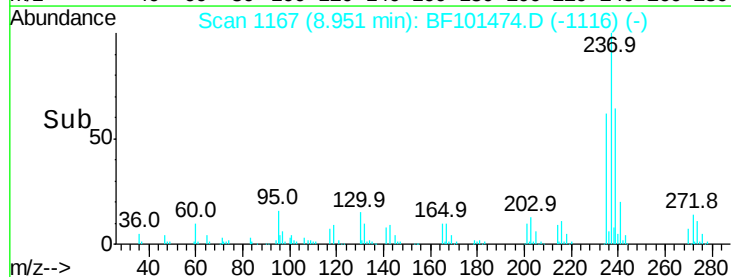
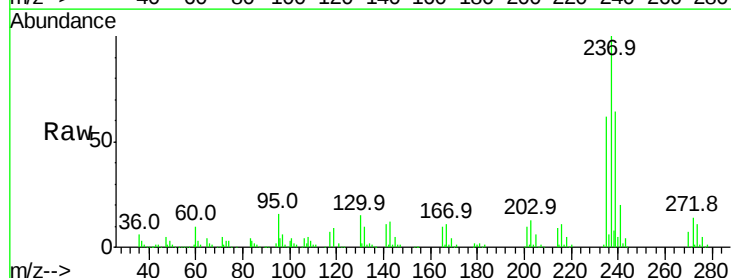
Tgt Ion:237 Resp: 168012

Ion Ratio Lower Upper

237 100

235 62.1 44.8 84.8

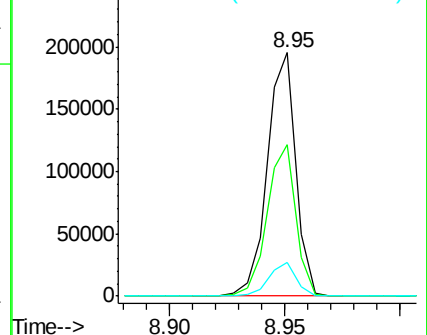
272 14.0 0.0 33.3

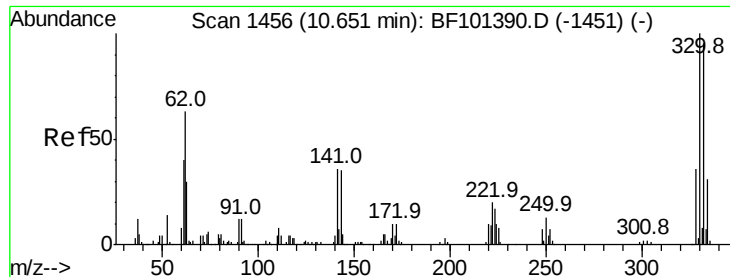


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

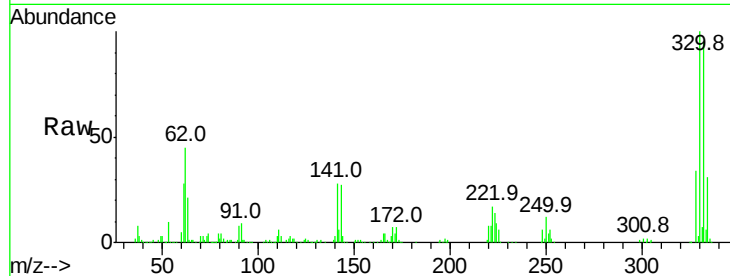




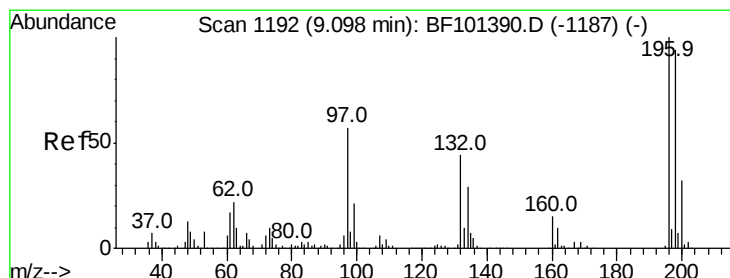
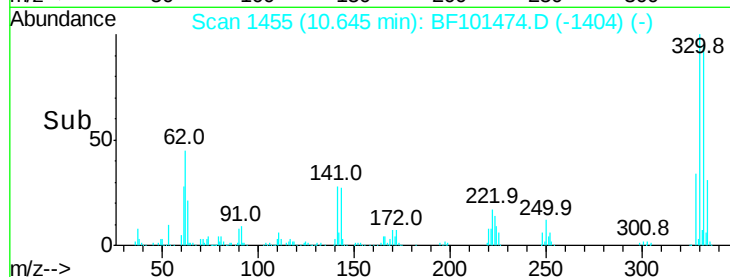
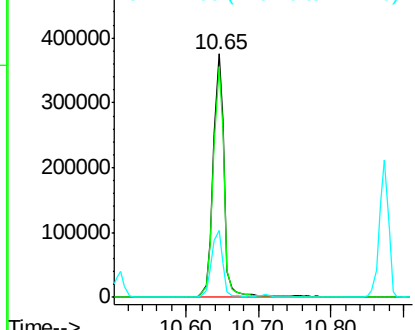
#41
 2,4,6-Tribromophenol
 Concen: 127.391 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	28.6	29.9	44.9#

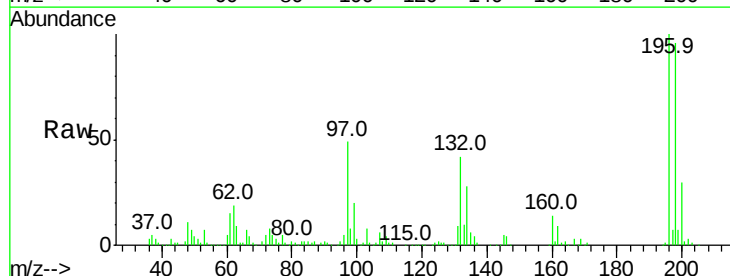


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

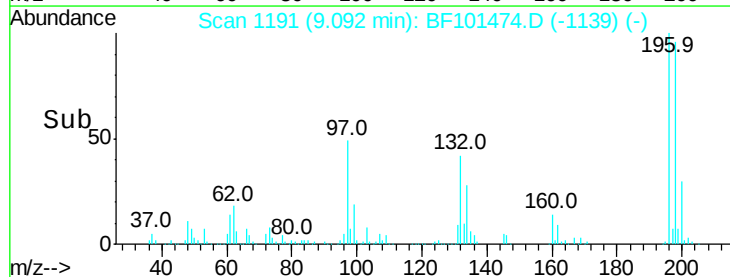
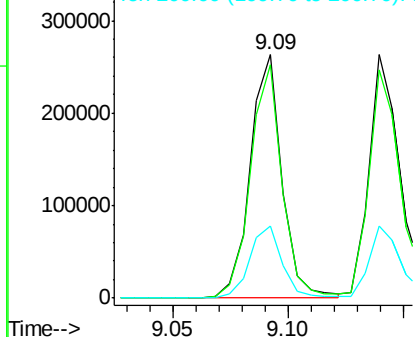


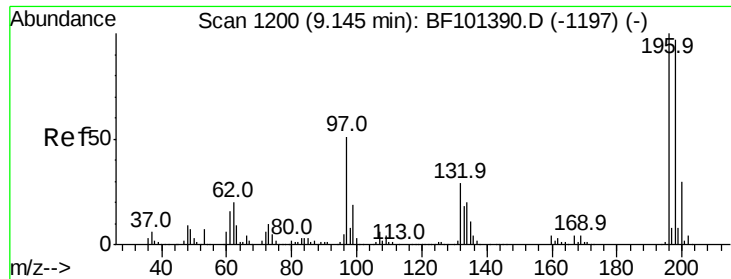
#42
 2,4,6-Trichlorophenol
 Concen: 38.163 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	29.7	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

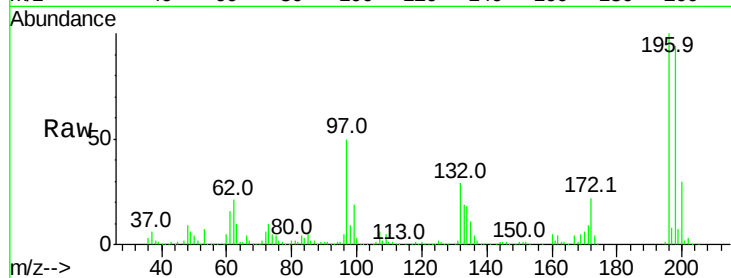




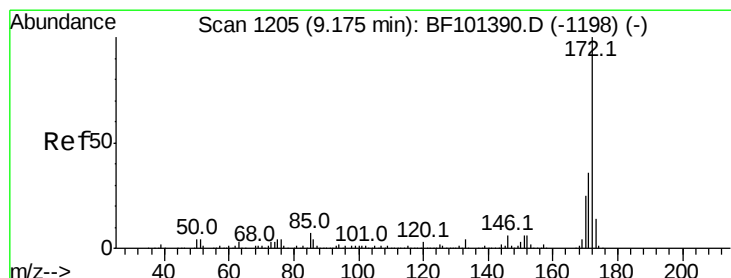
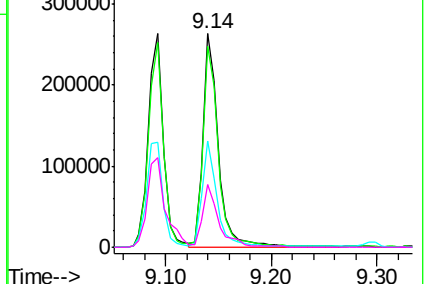
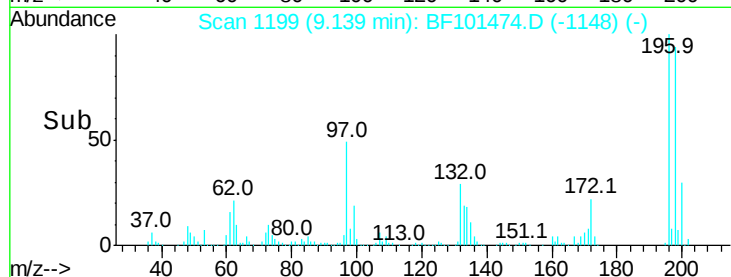
#43
 2,4,5-Trichlorophenol
 Concen: 36.061 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

Tot Ion:	196	Resp:	262607
Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.6	112.0
97	49.6	42.9	64.3
132	29.4	26.3	39.5

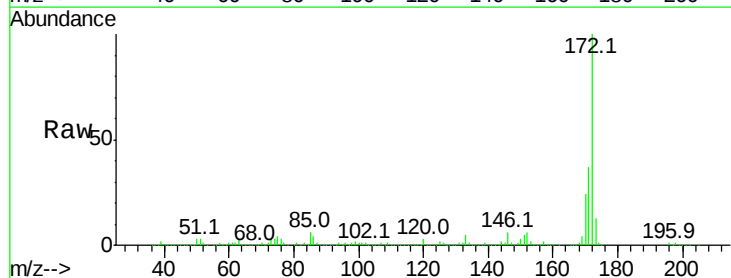


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

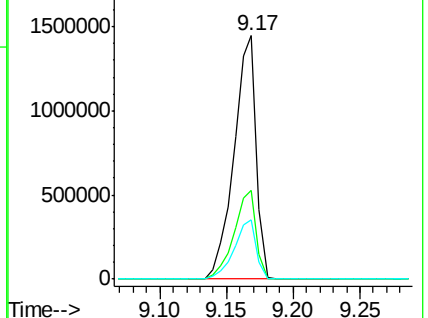
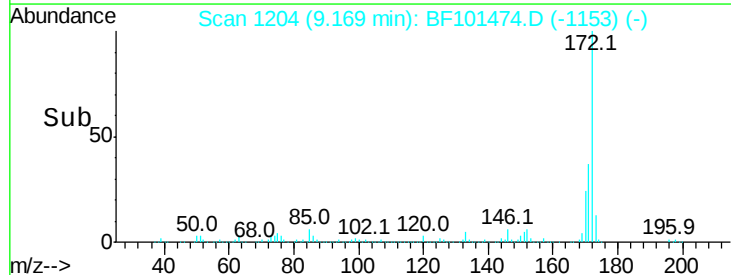


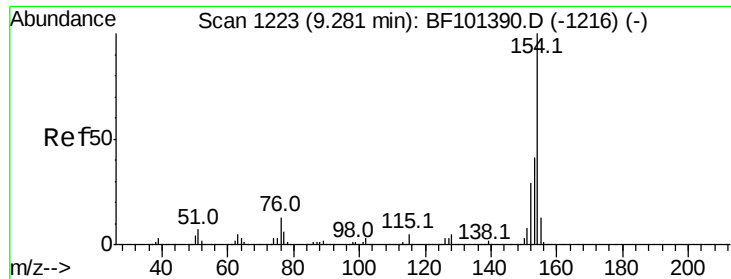
#44
 2-Fluorobiphenyl
 Concen: 79.681 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion:	172	Resp:	1680748
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.315 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

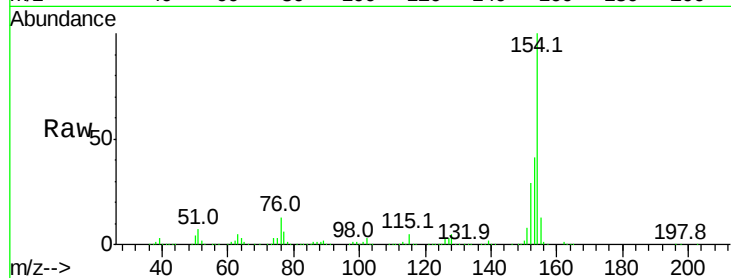
Tot Ion:154 Resp: 1024785

Ion Ratio Lower Upper

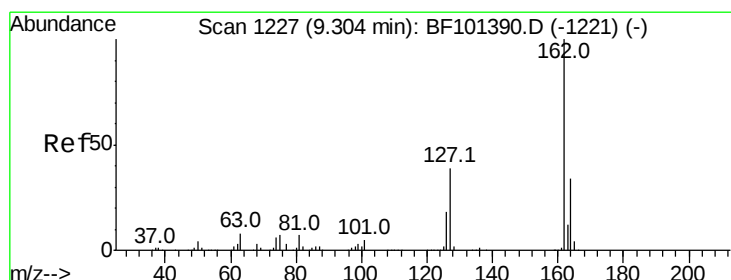
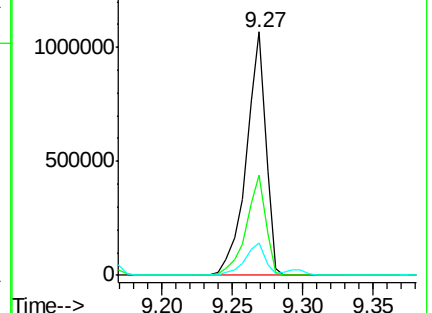
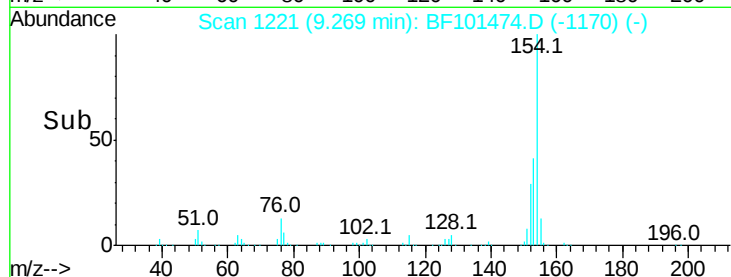
154 100

153 41.0 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: 34.898 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

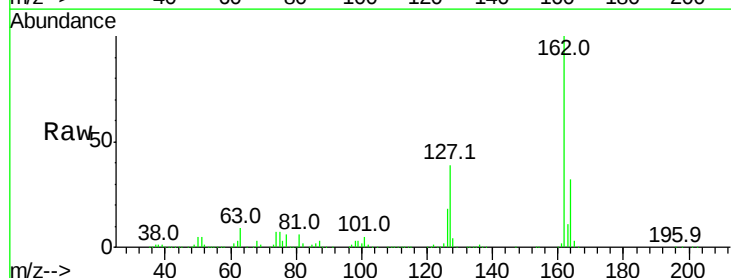
Tgt Ion:162 Resp: 774877

Ion Ratio Lower Upper

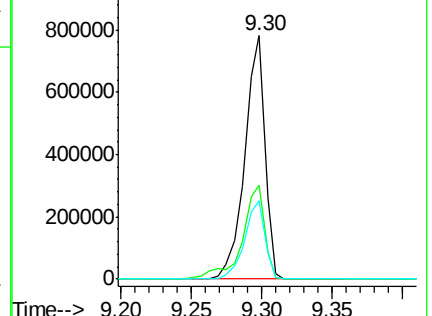
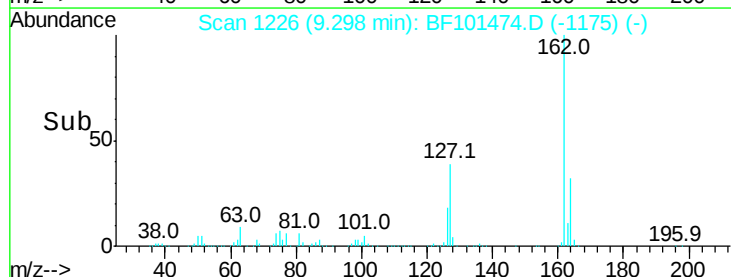
162 100

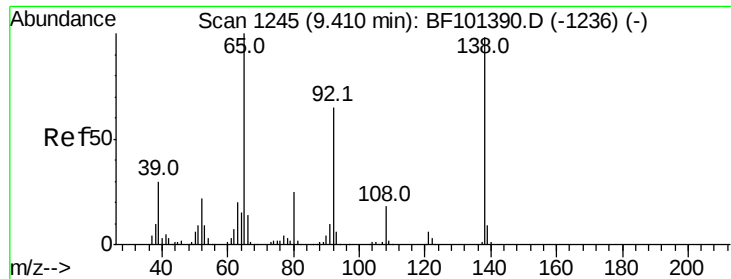
127 38.8 33.9 50.9

164 32.5 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

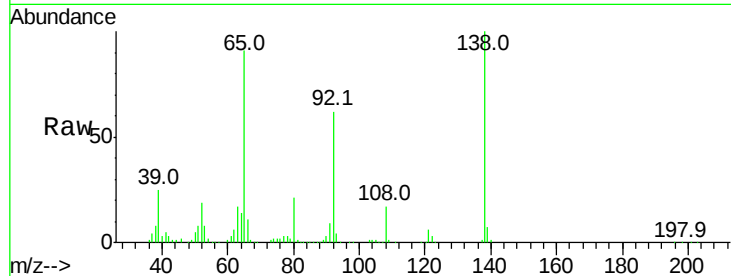




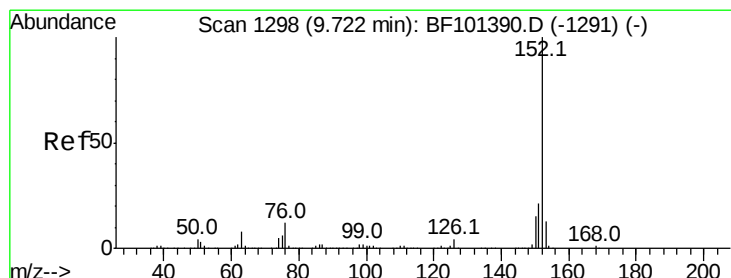
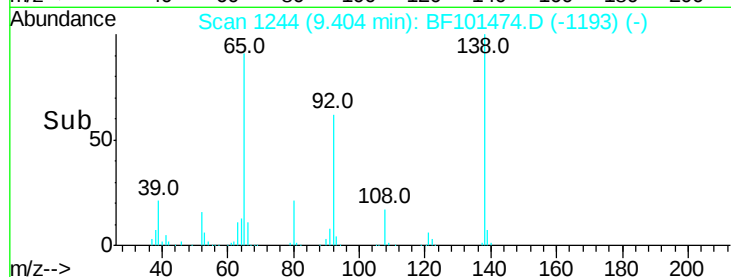
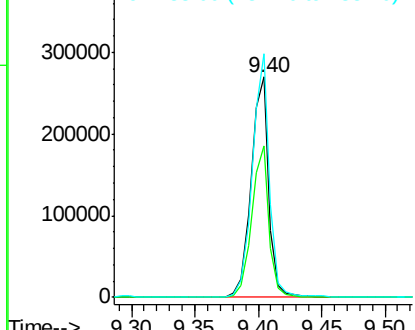
#47
2-Nitroaniline
Concen: 34.227 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

Tot Ion: 65 Resp: 262537
Ion Ratio Lower Upper
65 100
92 68.7 55.8 83.6
138 110.5 91.2 136.8

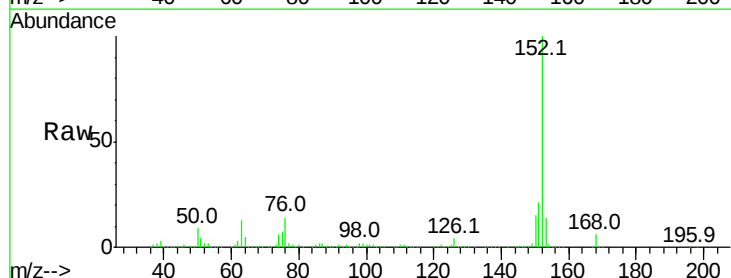


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

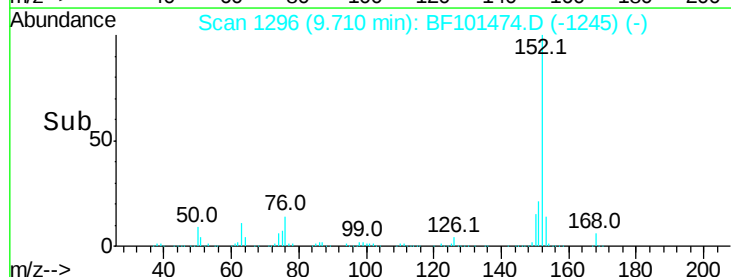
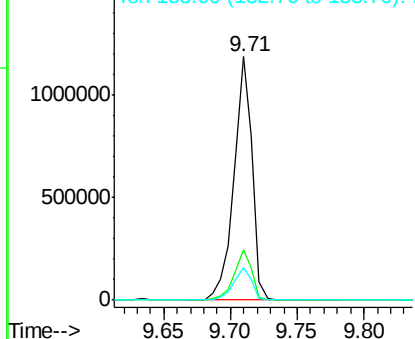


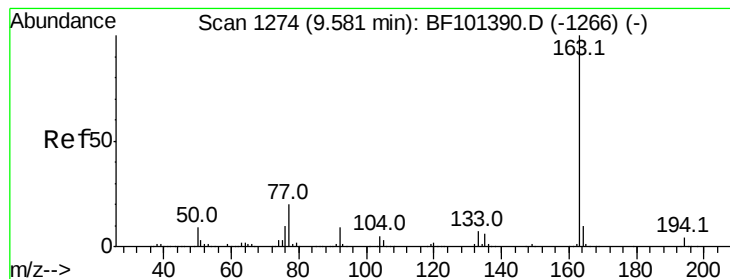
#48
Acenaphthylene
Concen: 32.411 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion: 152 Resp: 1136660
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 10.7 16.1



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





#49

Dimethylphthalate

Concen: 34.120 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

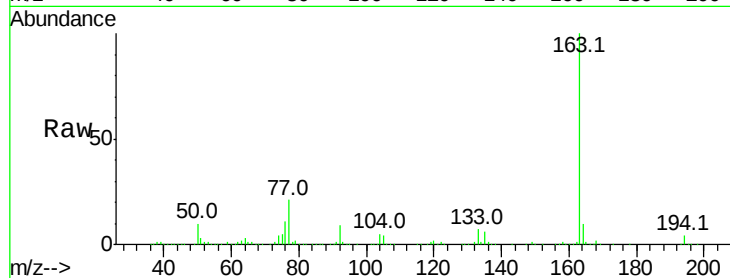
Tot Ion:163 Resp: 898036

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

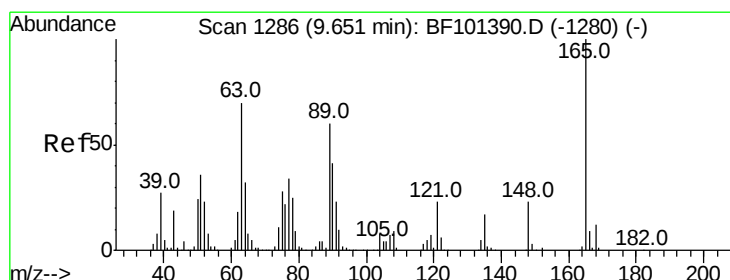
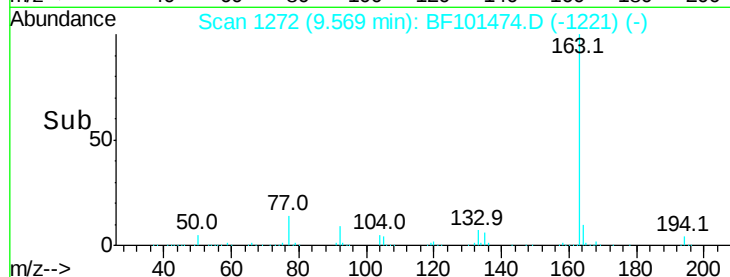
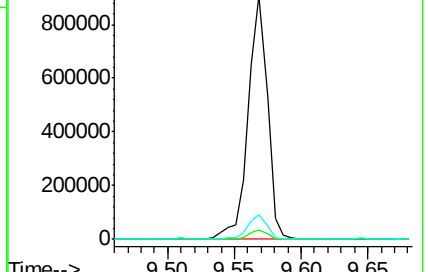
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.857 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

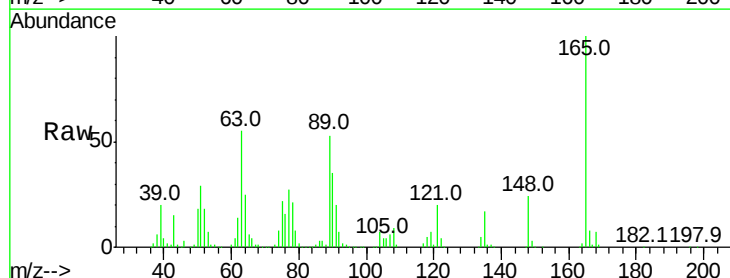
Tgt Ion:165 Resp: 202509

Ion Ratio Lower Upper

165 100

63 55.2 44.7 67.1

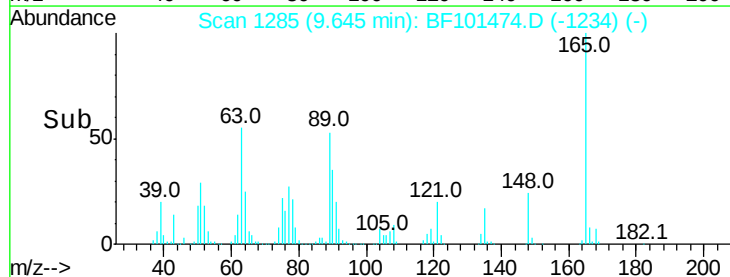
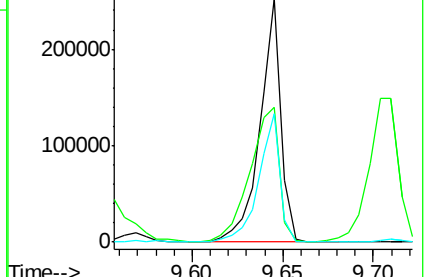
89 52.5 44.0 66.0

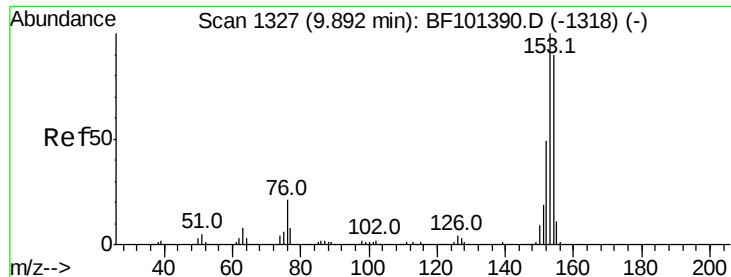


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 33.485 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

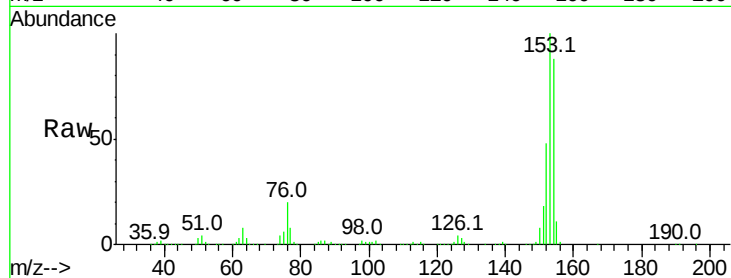
Tot Ion:154 Resp: 705541

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

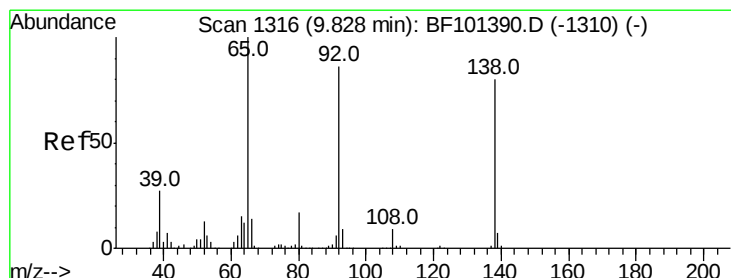
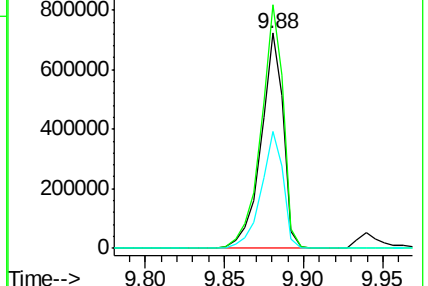
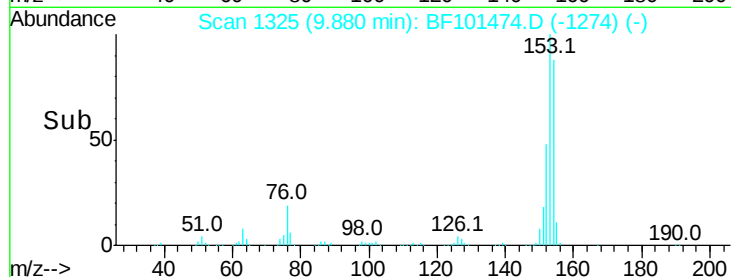
152 54.3 43.8 65.8



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: 13.160 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

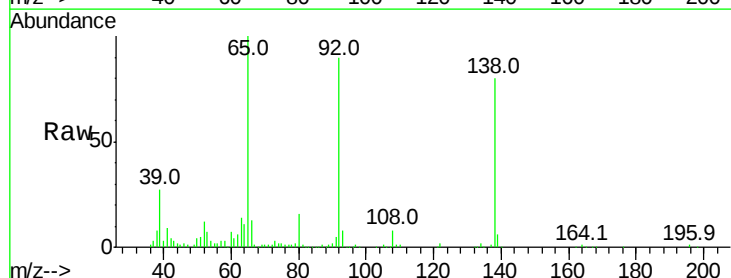
Tgt Ion:138 Resp: 87769

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

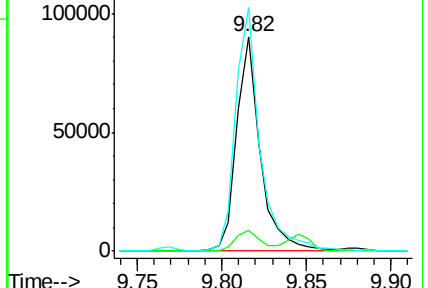
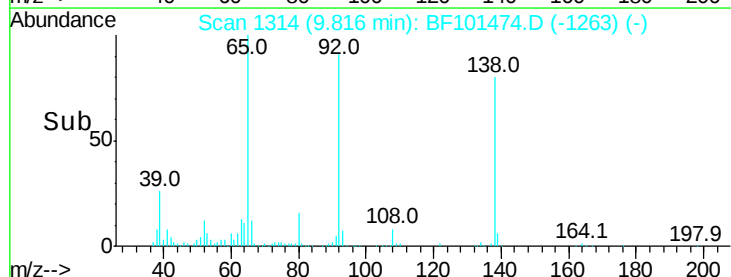
92 113.4 89.4 134.2

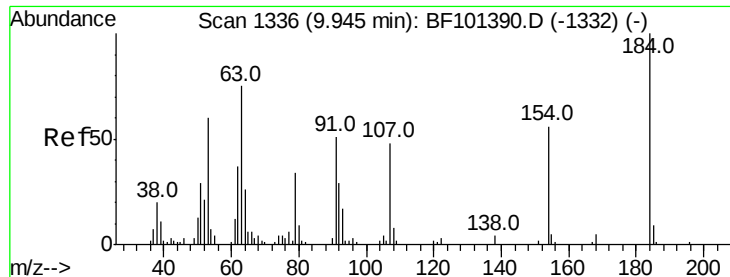


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

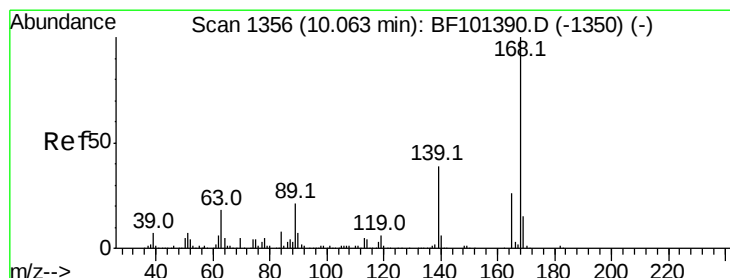
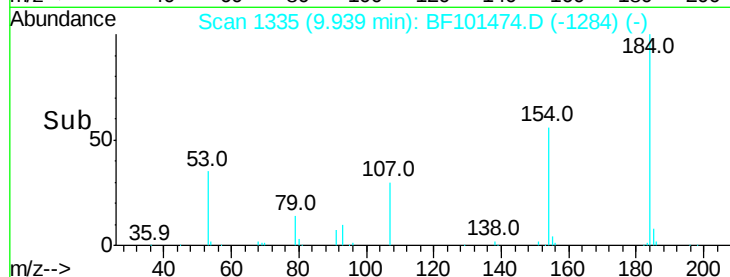
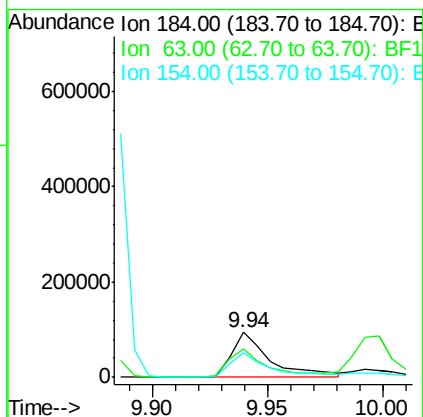
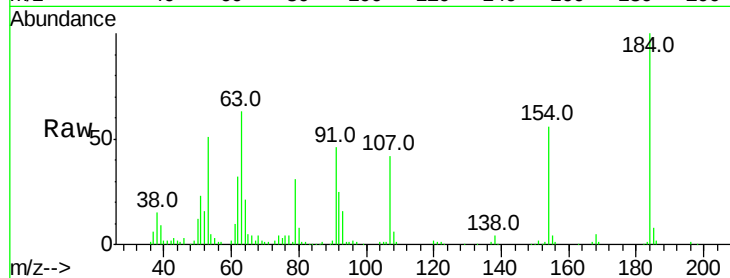




#53
2,4-Dinitrophenol
Concen: 61.290 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

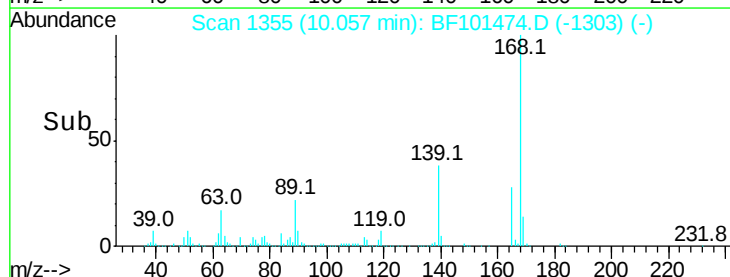
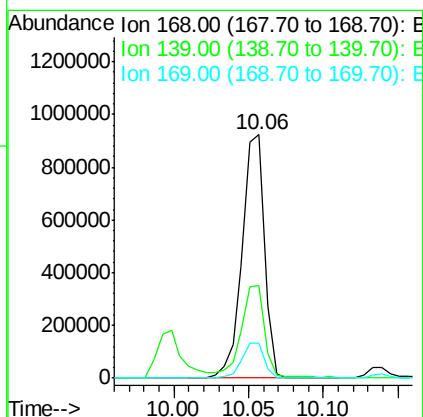
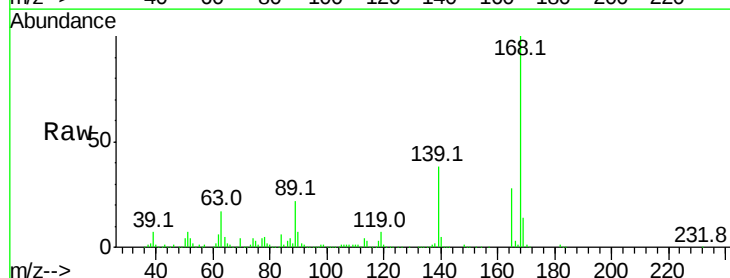
Instrument :
BNA_F
ClientSampleId :
PB105093BS

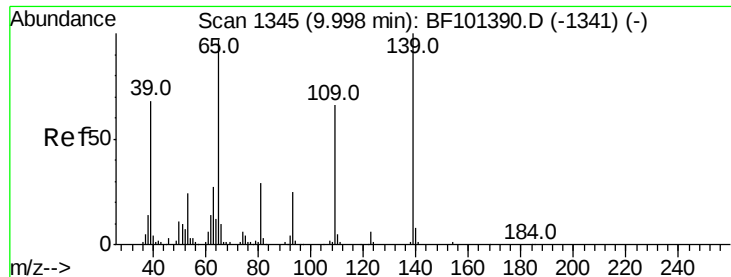
Tot Ion:184 Resp: 109027
Ion Ratio Lower Upper
184 100
63 63.4 54.2 81.2
154 55.7 184.0 276.0#



#54
Dibenzofuran
Concen: 35.819 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion:168 Resp: 959115
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 14.3 10.9 16.3

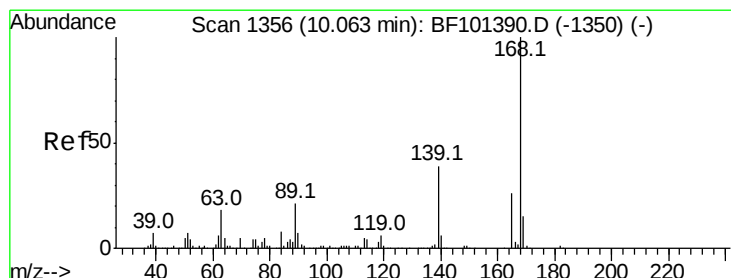
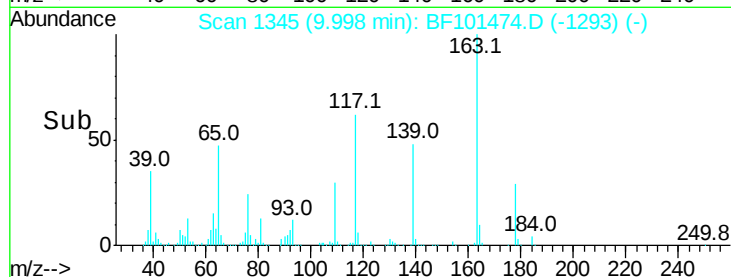
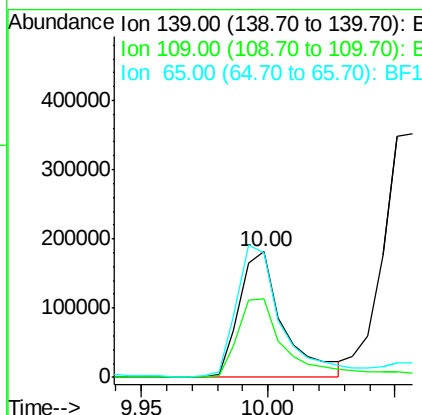
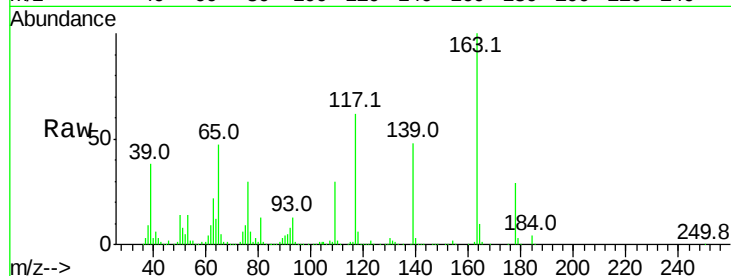




#55
4-Nitrophenol
Concen: 76.115 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

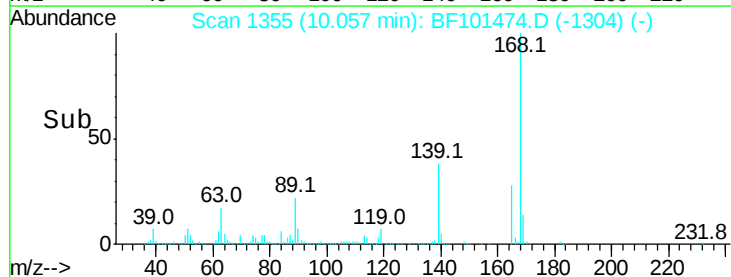
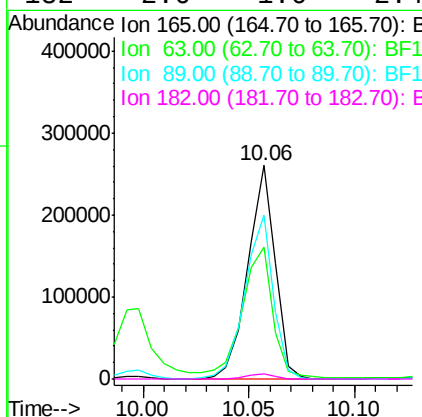
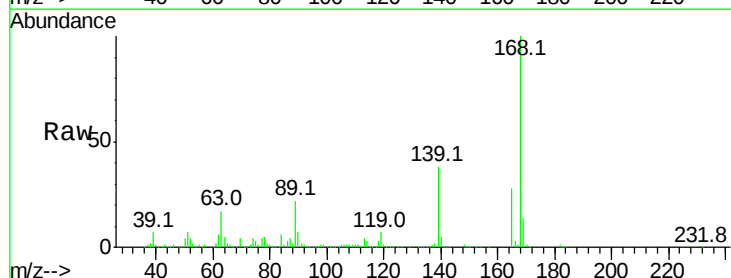
Instrument :
BNA_F
ClientSampleId :
PB105093BS

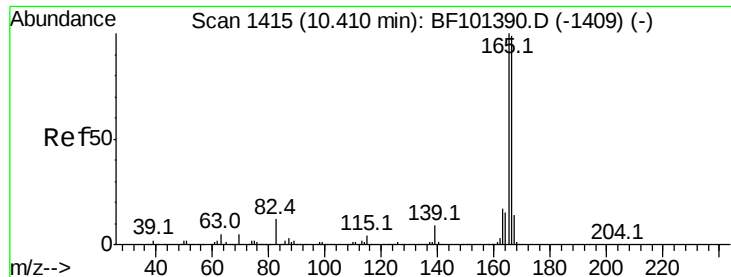
Tot Ion:139 Resp: 221347
Ion Ratio Lower Upper
139 100
109 62.5 48.4 88.4
65 98.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.103 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion:165 Resp: 235667
Ion Ratio Lower Upper
165 100
63 62.0 36.4 54.6#
89 76.9 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 36.108 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

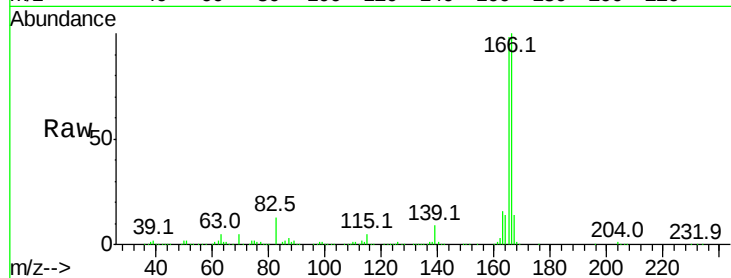
Tot Ion:166 Resp: 817905

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

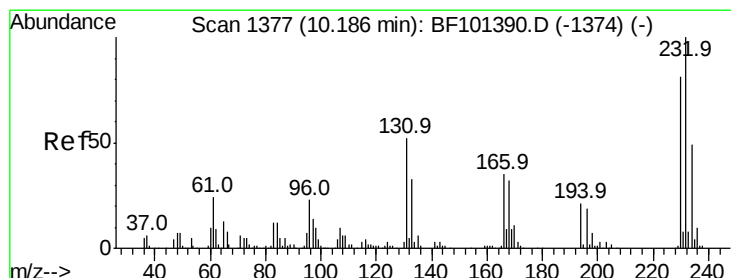
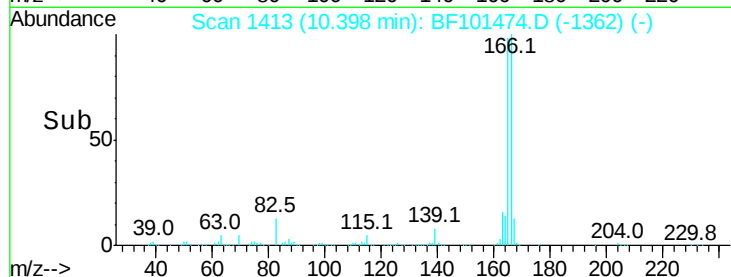
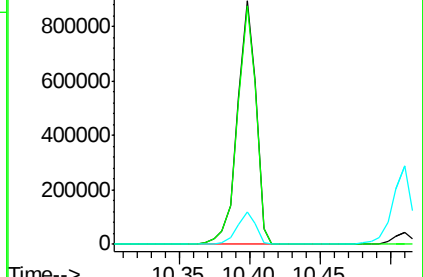
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.389 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Tgt Ion:232 Resp: 216551

Ion Ratio Lower Upper

232 100

131 42.6 43.8 65.8#

130 2.2 2.1 3.1

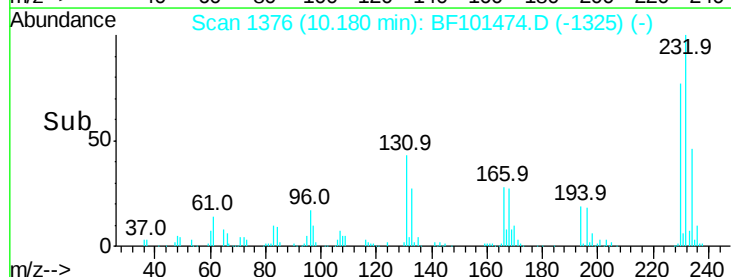
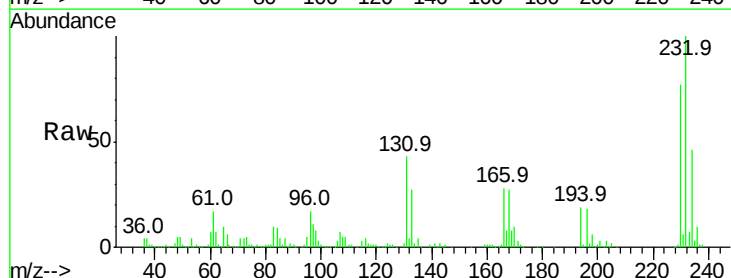
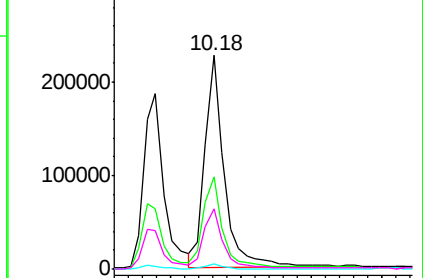
166 28.7 27.8 41.6

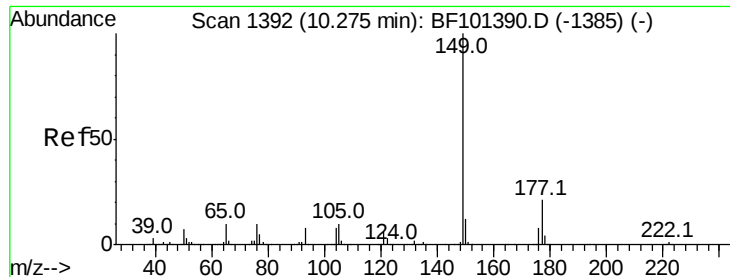
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

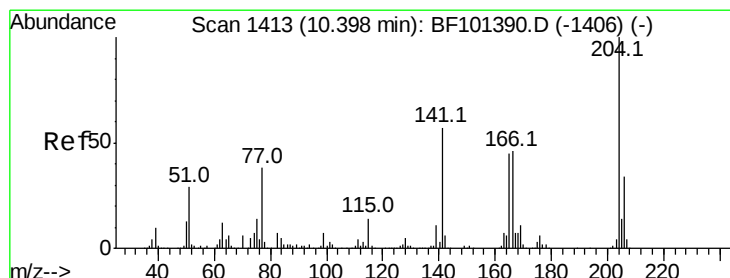
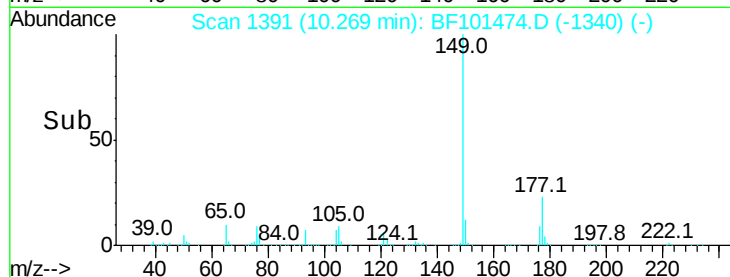
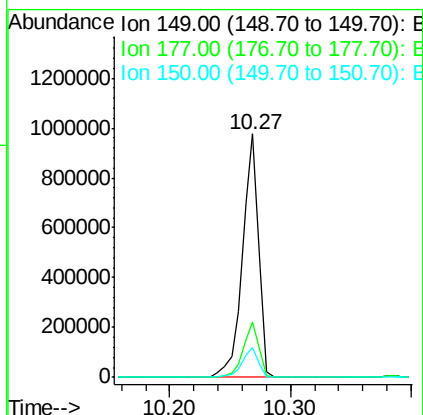
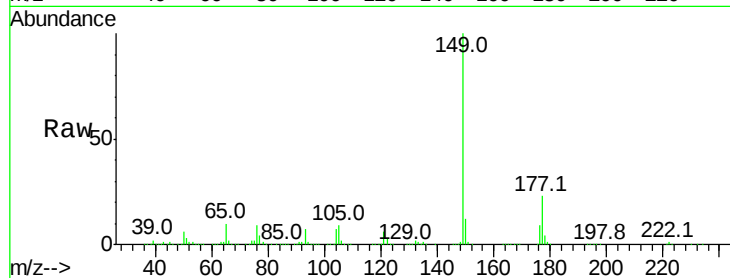




#59
Diethylphthalate
Concen: 34.563 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

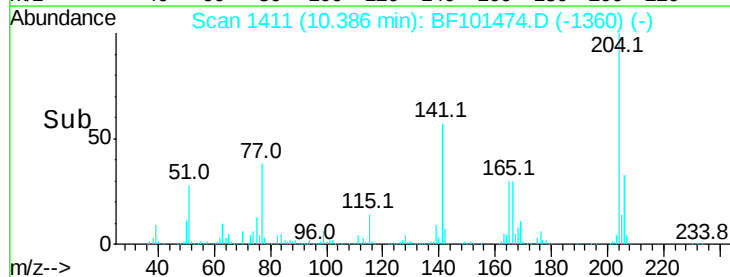
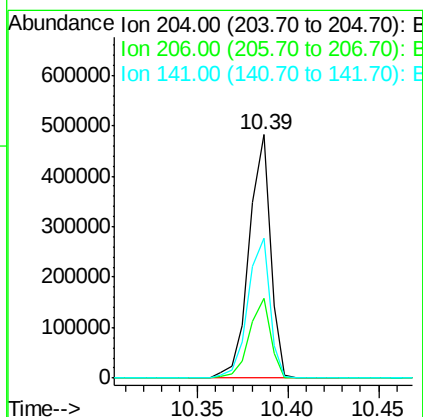
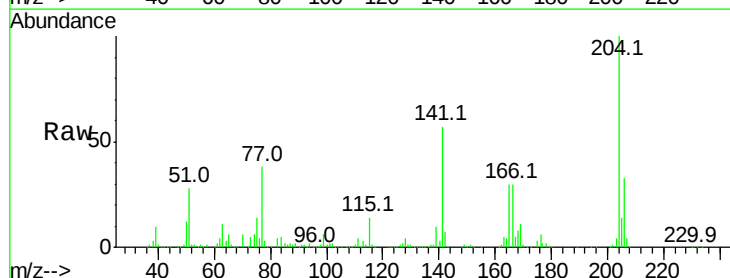
Instrument :
BNA_F
ClientSampleId :
PB105093BS

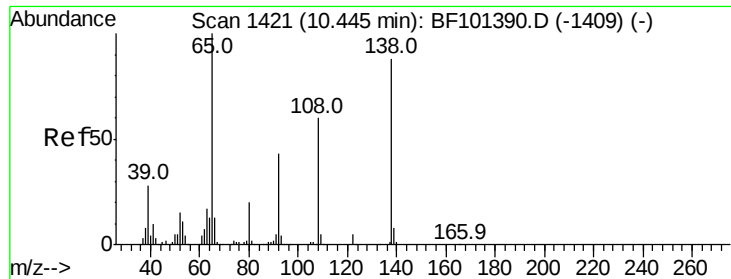
Tot Ion:149 Resp: 900846
Ion Ratio Lower Upper
149 100
177 22.8 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.496 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion:204 Resp: 396201
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 57.5 54.6 81.8

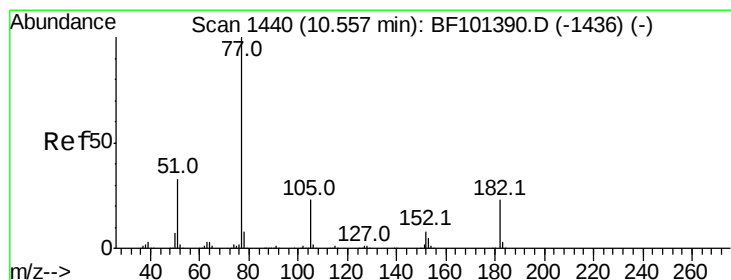
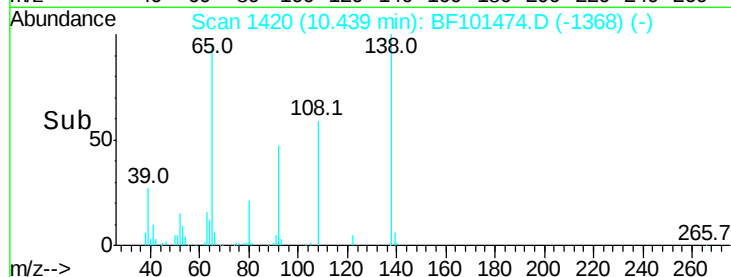
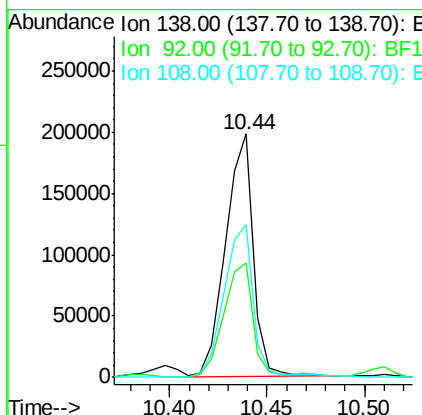
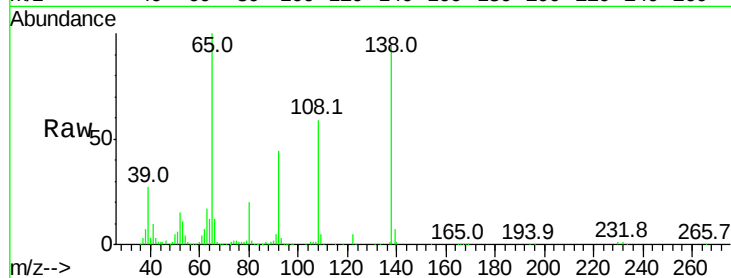




#61
4-Nitroaniline
Concen: 29.016 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

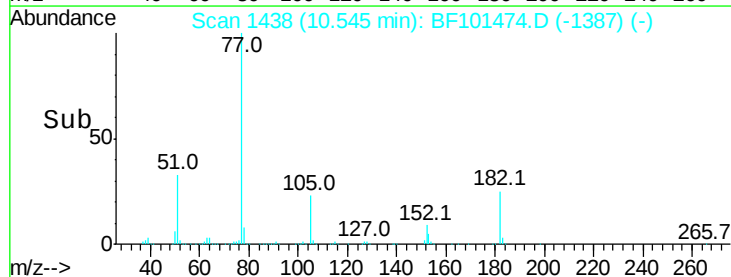
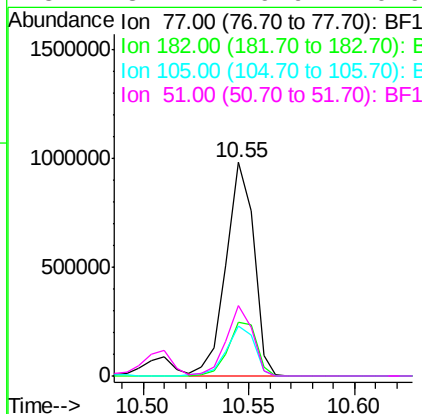
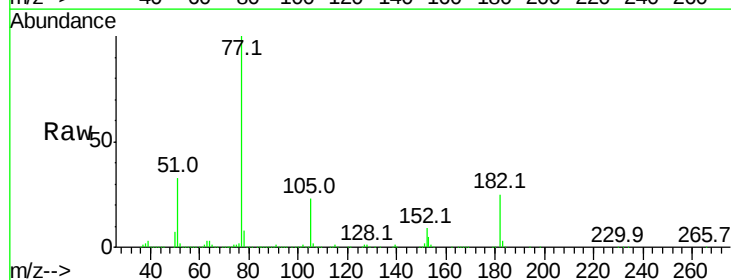
Instrument :
BNA_F
ClientSampleId :
PB105093BS

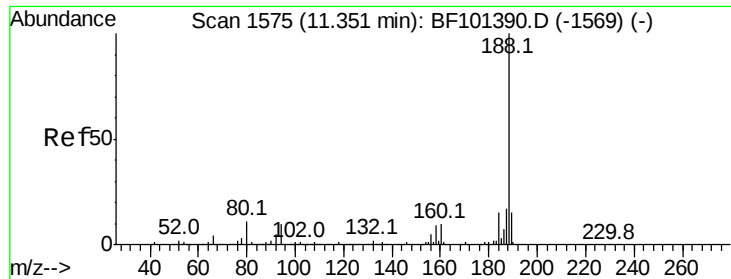
Tot Ion:138 Resp: 194508
Ion Ratio Lower Upper
138 100
92 47.1 30.2 70.2
108 62.6 52.5 92.5



#62
Azobenzene
Concen: 32.859 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion: 77 Resp: 887202
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 23.2 3.0 43.0
51 32.7 9.9 49.9

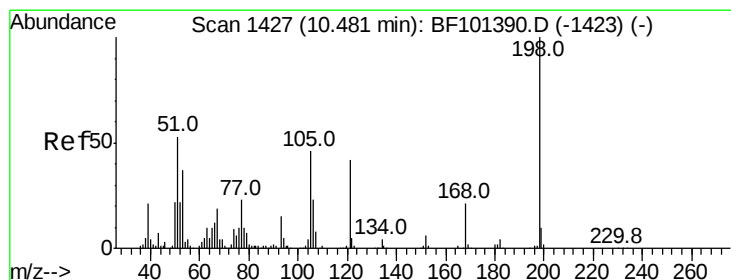
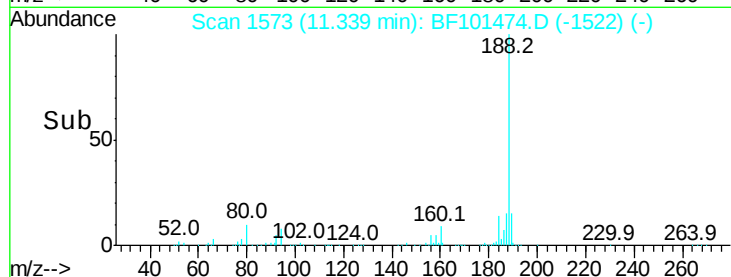
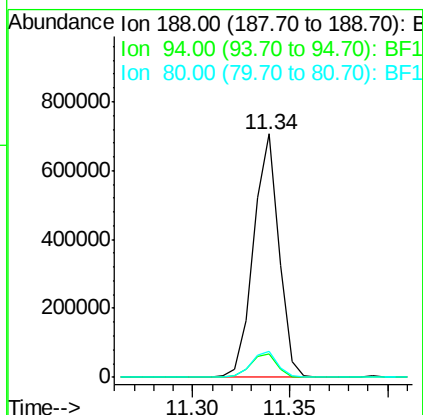
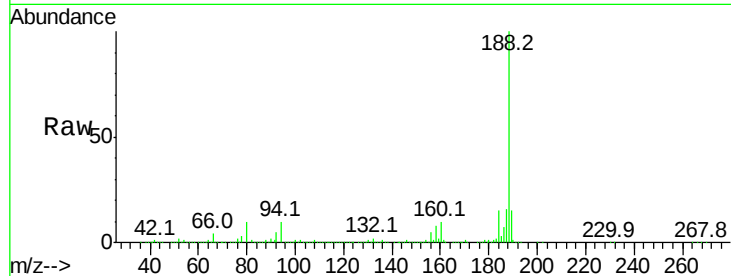




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

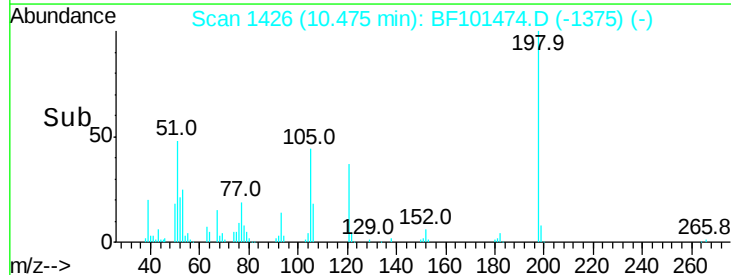
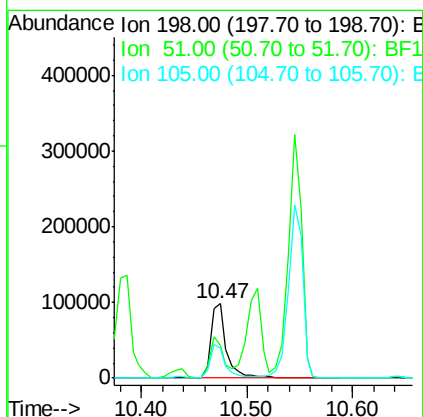
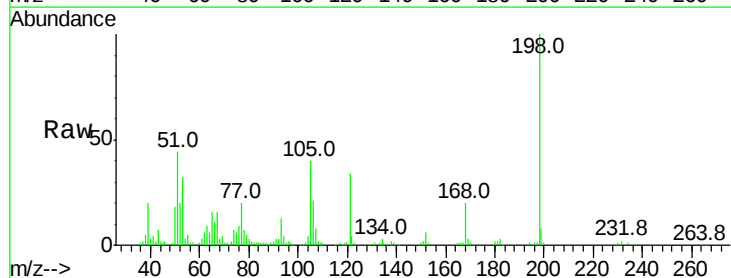
Instrument :
BNA_F
ClientSampleId :
PB105093BS

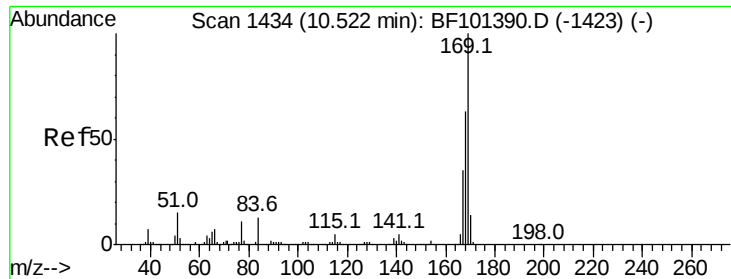
Tot Ion:188 Resp: 634788
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 31.864 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion:198 Resp: 103218
Ion Ratio Lower Upper
198 100
51 44.2 37.7 77.7
105 40.4 36.3 76.3

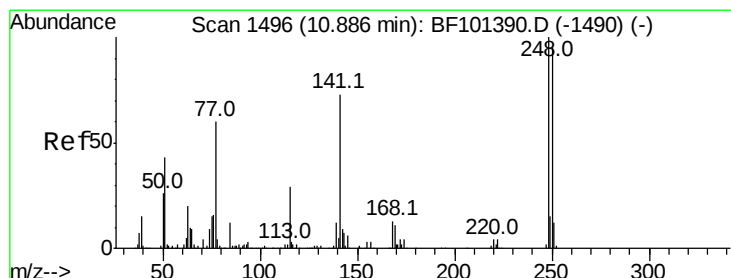
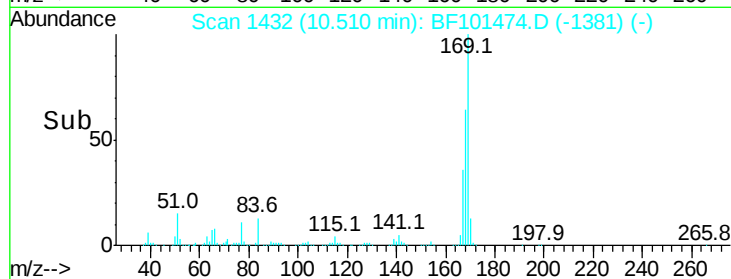
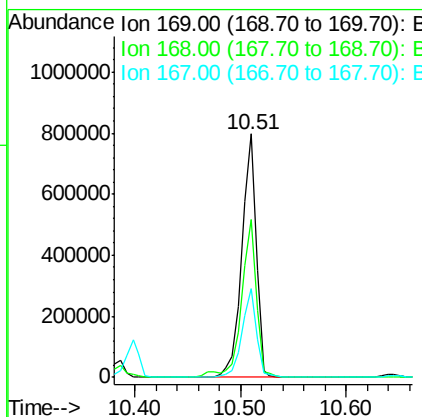
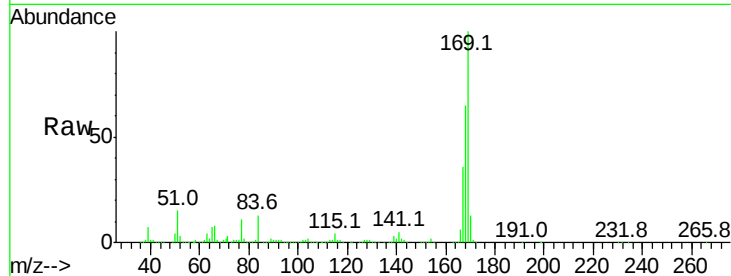




#65
 n-Nitrosodiphenylamine
 Concen: 31.664 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

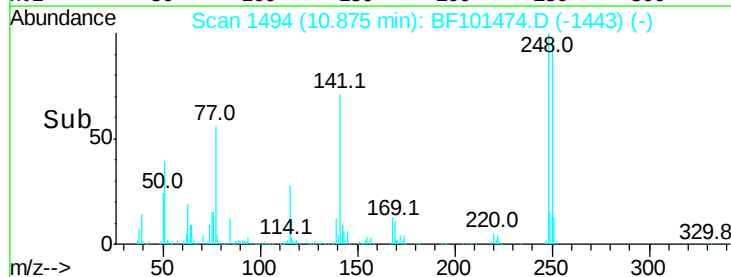
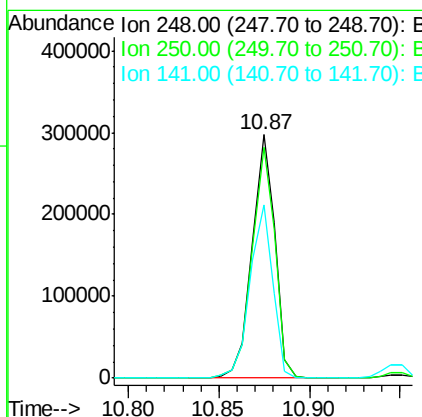
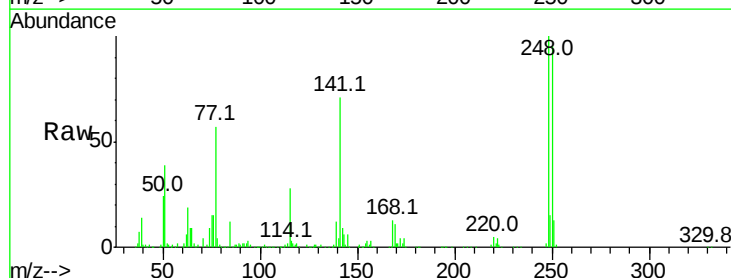
Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

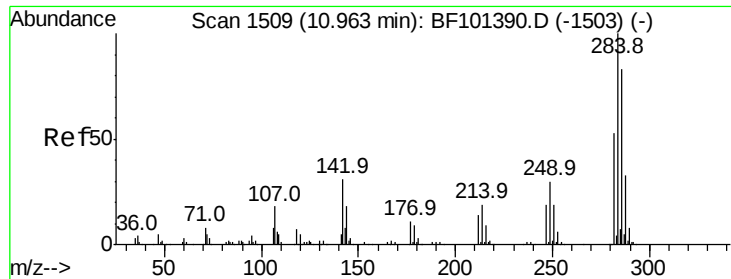
Tot Ion:169 Resp: 742182
 Ion Ratio Lower Upper
 169 100
 168 64.8 54.4 81.6
 167 36.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.310 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion:248 Resp: 258990
 Ion Ratio Lower Upper
 248 100
 250 95.1 76.9 115.3
 141 71.3 74.4 111.6#





#67

Hexachlorobenzene

Concen: 35.808 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

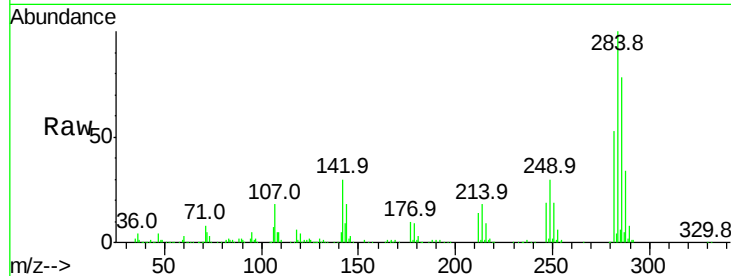
Tot Ion:284 Resp: 270312

Ion Ratio Lower Upper

284 100

142 29.6 34.6 52.0#

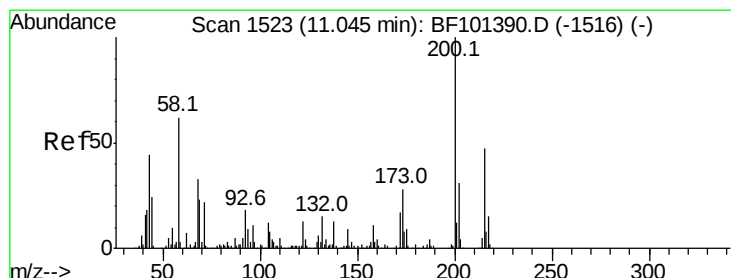
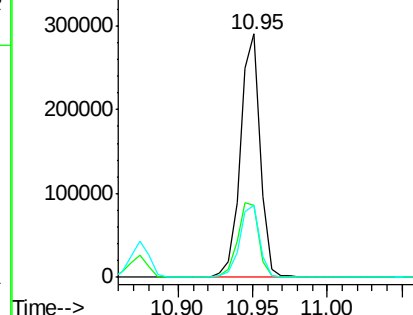
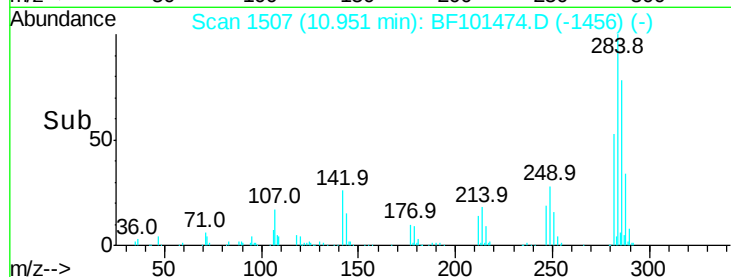
249 29.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 27.443 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

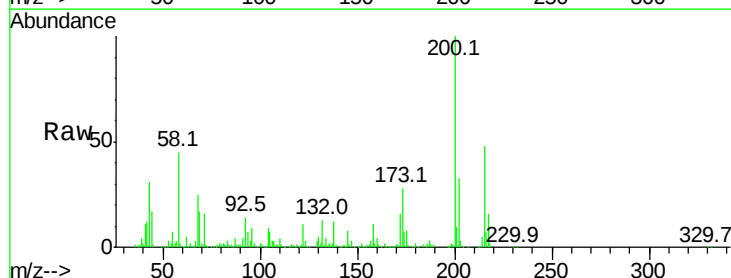
Tgt Ion:200 Resp: 191798

Ion Ratio Lower Upper

200 100

173 27.7 8.6 48.6

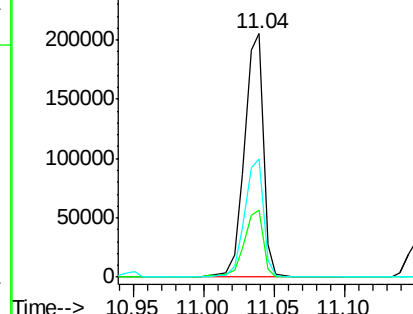
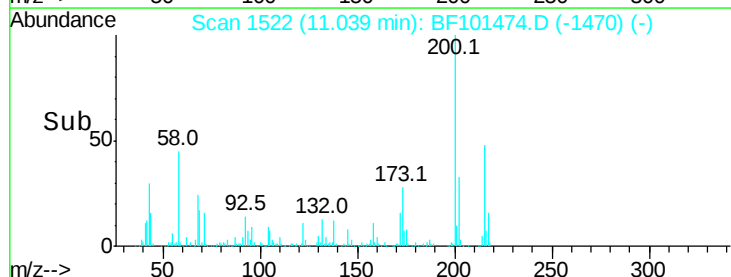
215 48.4 25.1 65.1

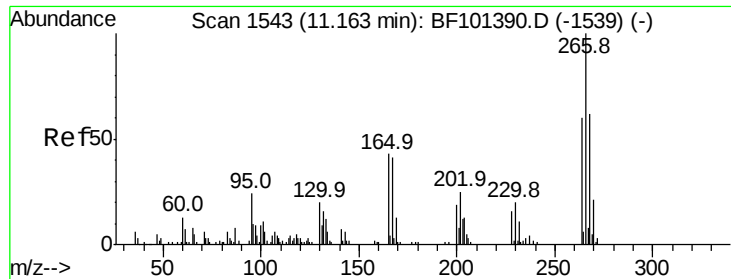


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

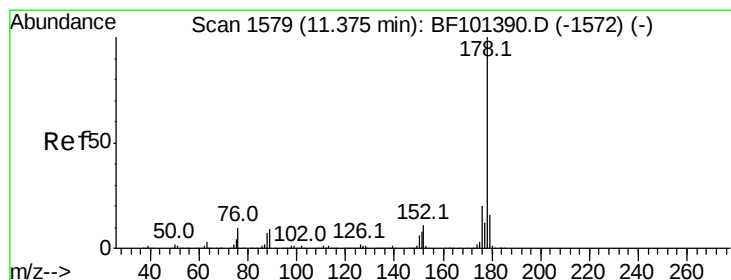
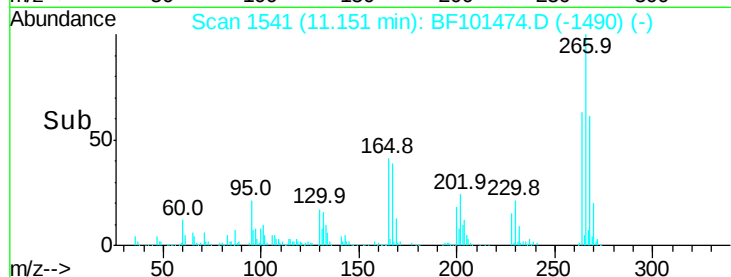
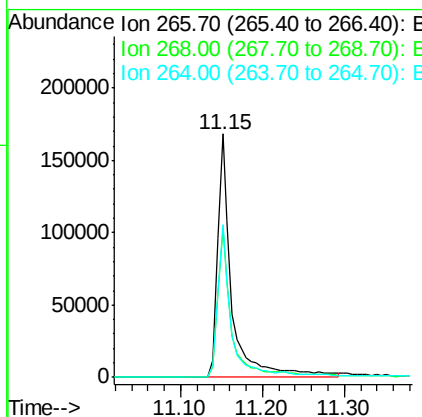
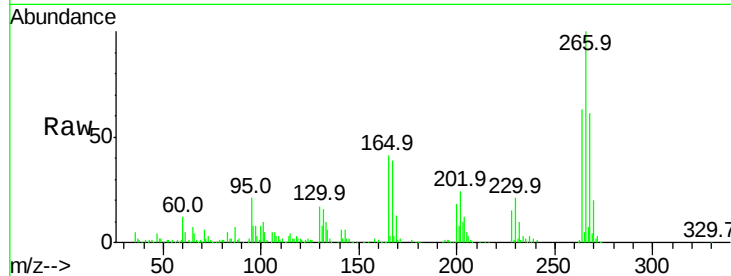




#69
 Pentachlorophenol
 Concen: 70.726 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

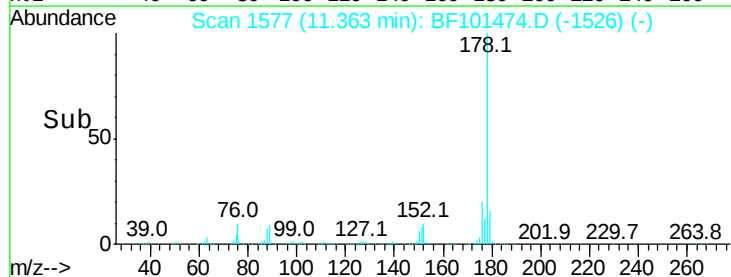
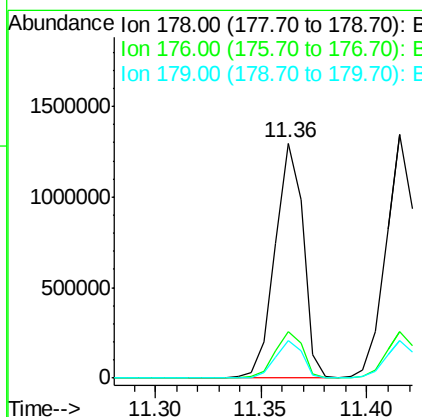
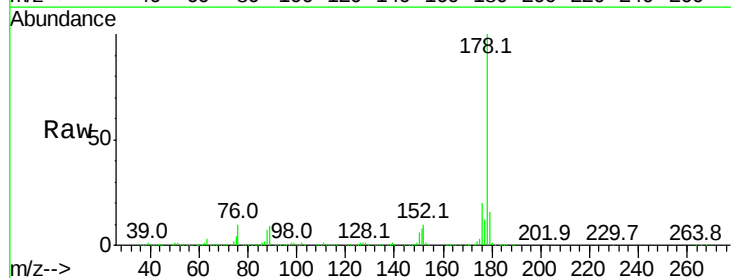
Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

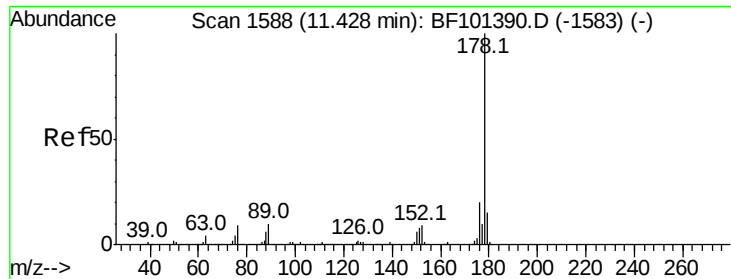
Tot Ion:266 Resp: 205194
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 62.9 49.5 74.3



#70
 Phenanthrene
 Concen: 34.164 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion:178 Resp: 1206036
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 16.0 13.0 19.6

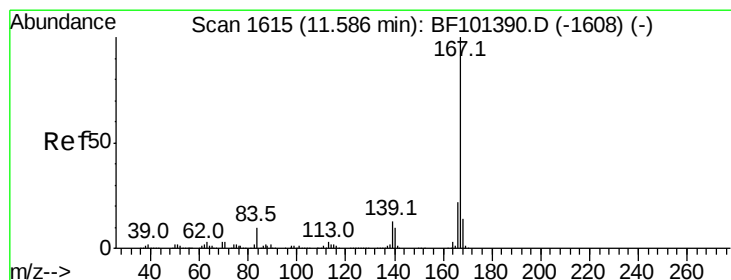
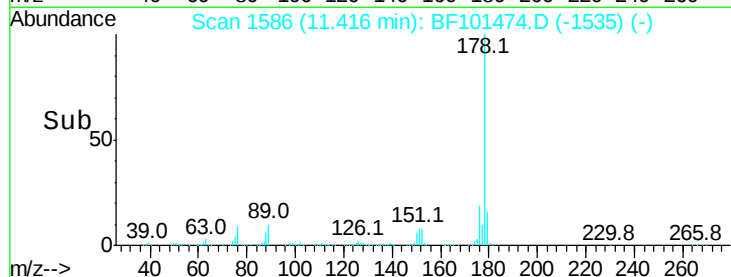
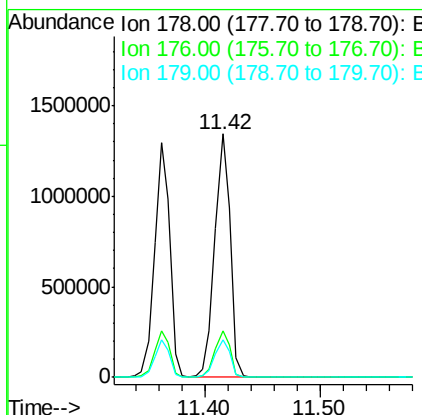
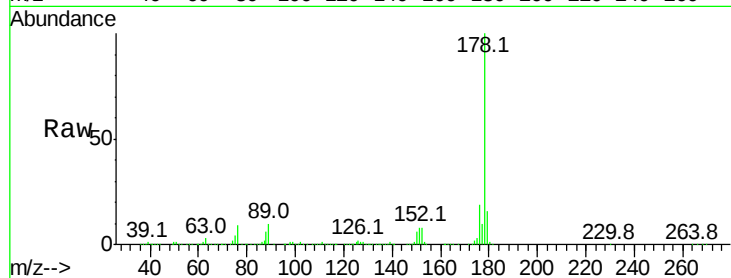




#71
 Anthracene
 Concen: 34.744 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

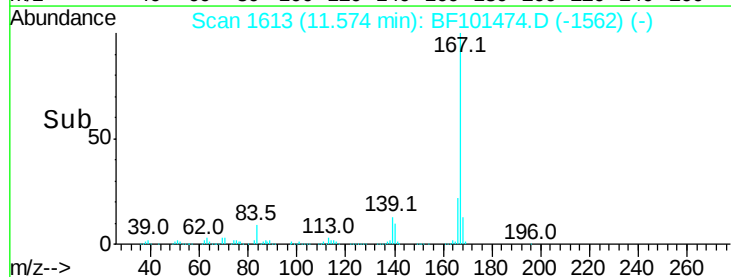
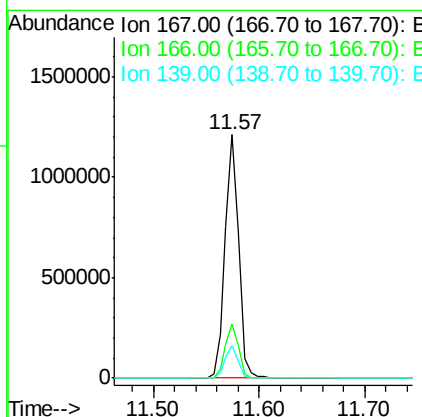
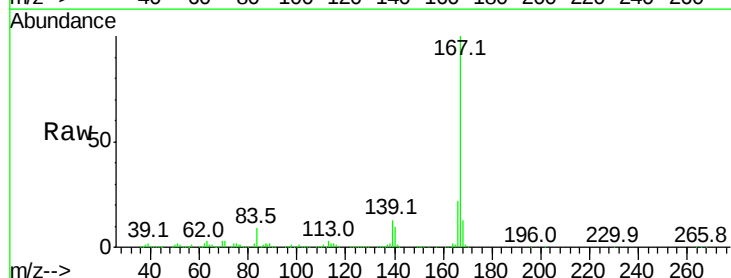
Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

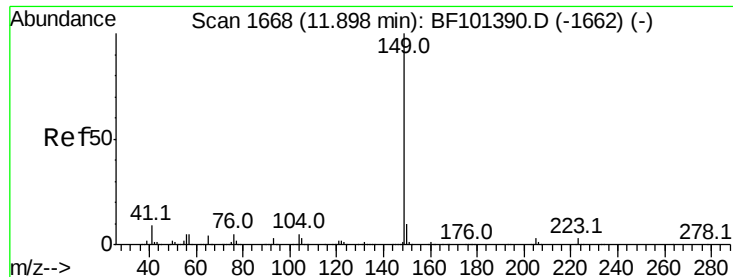
Tot Ion:178 Resp: 1252868
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 32.316 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion:167 Resp: 1091033
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.1 10.9 16.3

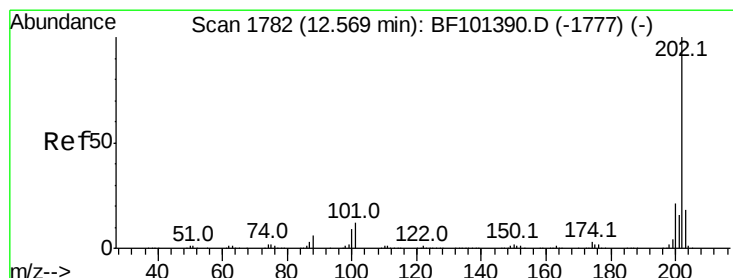
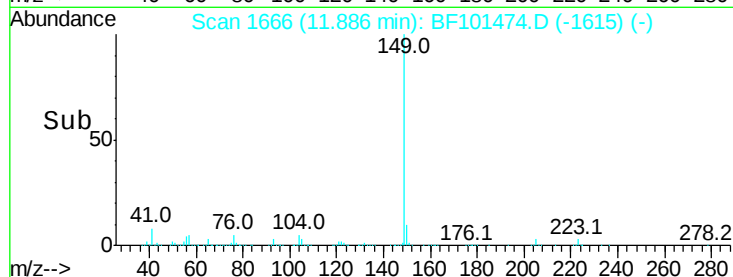
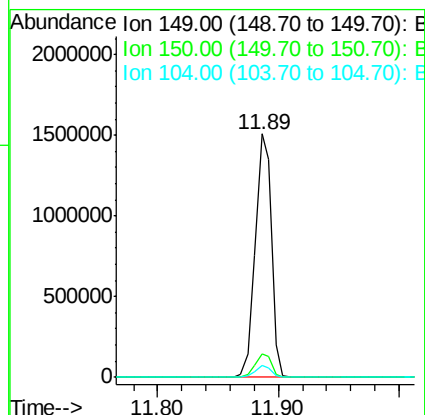
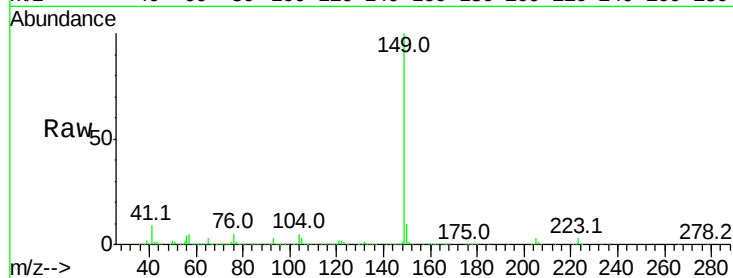




#73
Di-n-butylphthalate
Concen: 34.534 ng
RT: 11.89 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

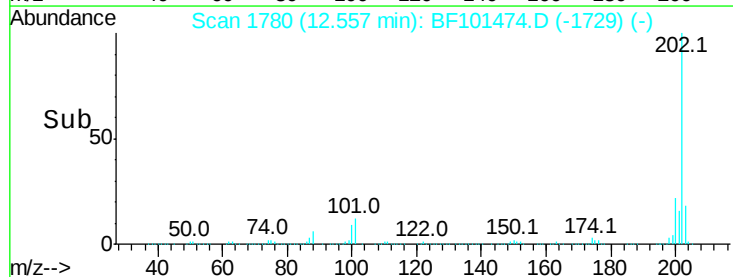
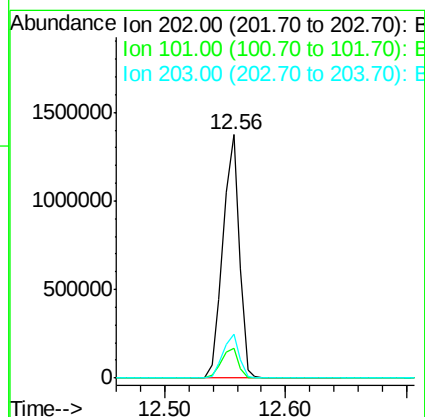
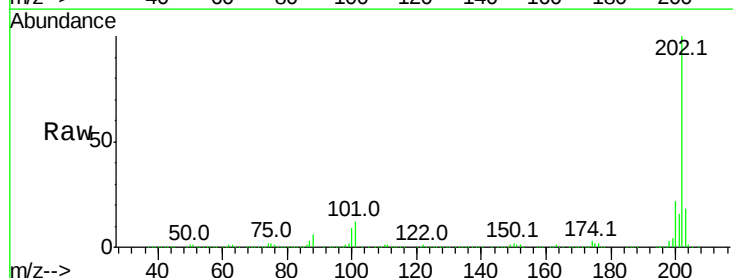
Instrument :
BNA_F
ClientSampleId :
PB105093BS

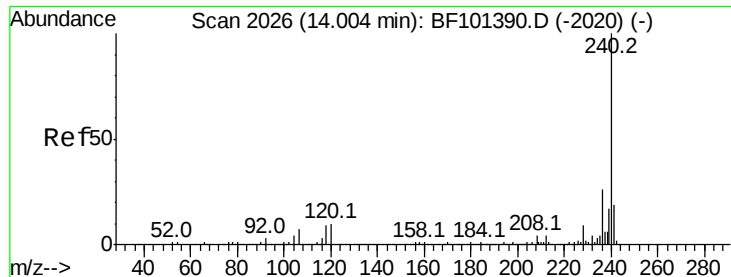
Tot Ion:149 Resp: 1415081
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 34.570 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion:202 Resp: 1280955
Ion Ratio Lower Upper
202 100
101 12.1 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

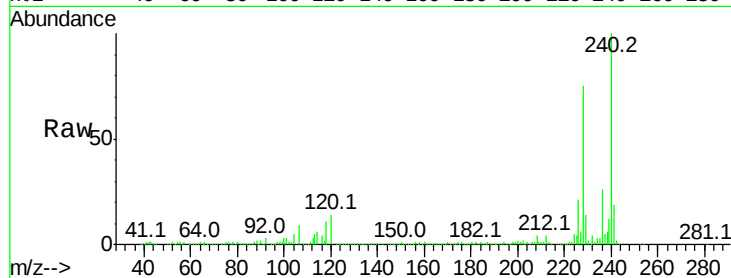
Tot Ion:240 Resp: 474393

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

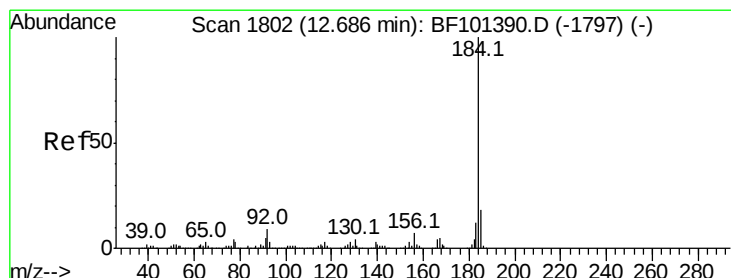
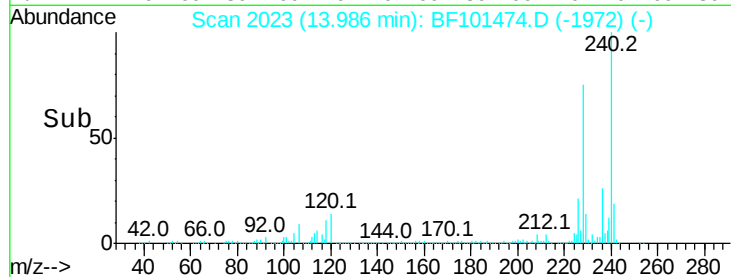
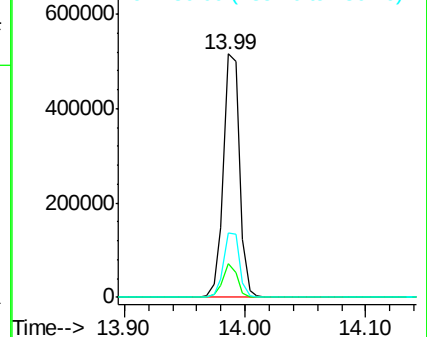
236 26.2 20.7 31.1



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: 2.976 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

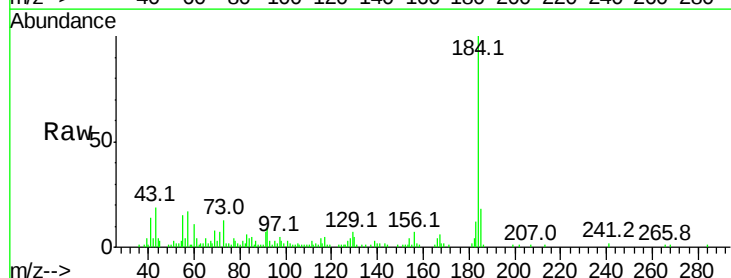
Tgt Ion:184 Resp: 59624

Ion Ratio Lower Upper

184 100

185 17.6 12.6 18.8

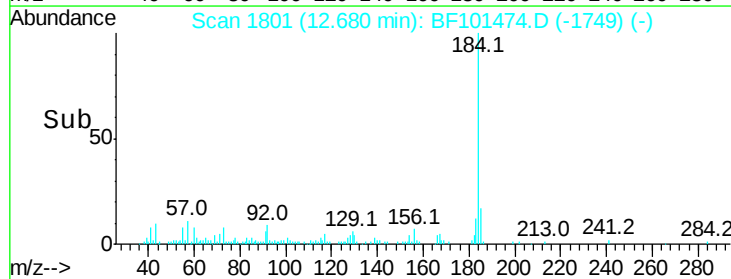
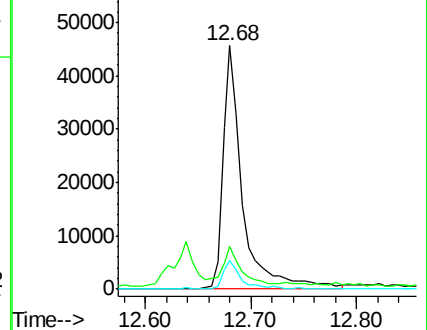
183 11.8 9.3 13.9

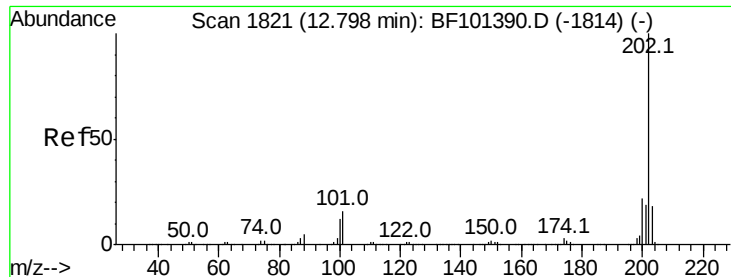


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.686 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

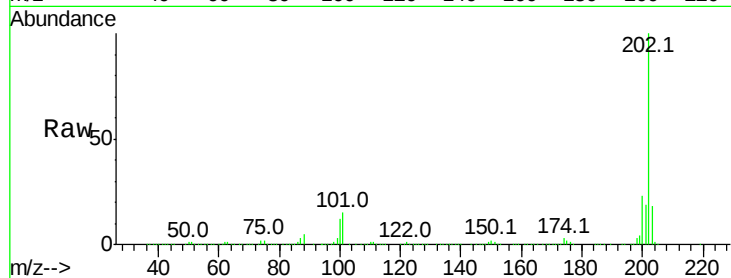
Tot Ion:202 Resp: 1306145

Ion Ratio Lower Upper

202 100

200 22.6 17.4 26.2

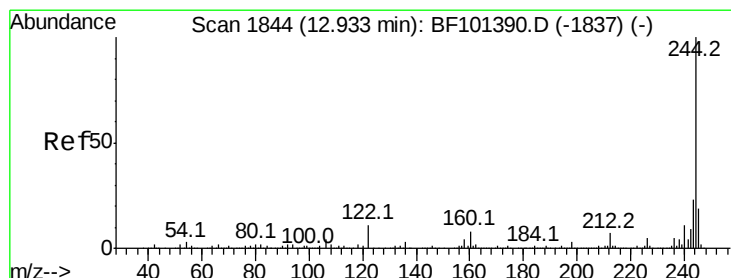
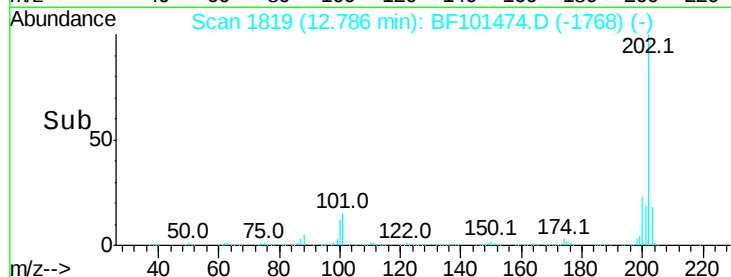
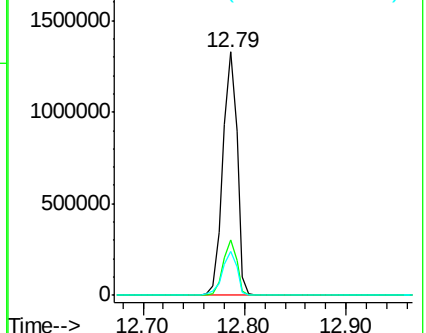
203 18.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.010 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

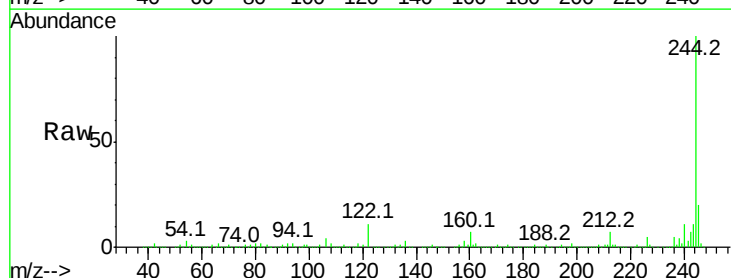
Tgt Ion:244 Resp: 1692504

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

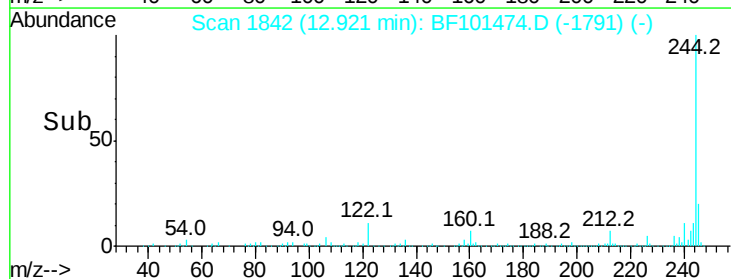
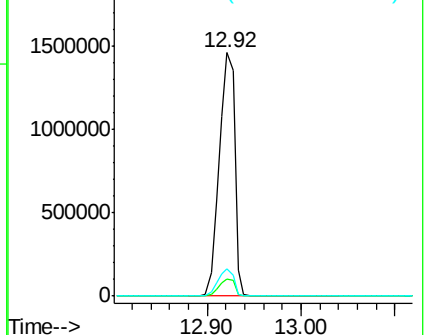
122 11.3 11.0 16.4

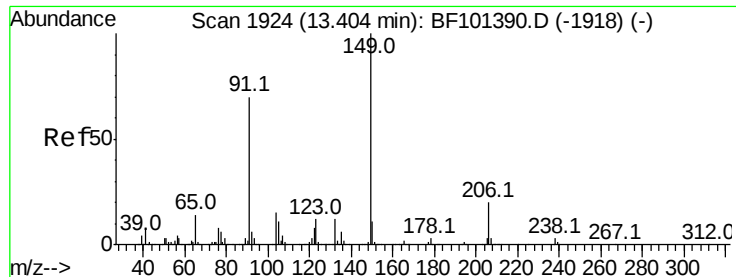


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.366 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

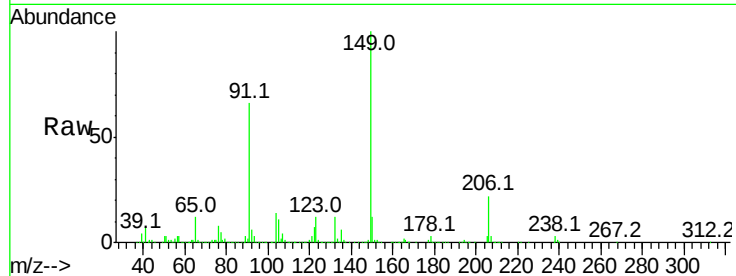
Tot Ion:149 Resp: 585843

Ion Ratio Lower Upper

149 100

91 65.7 56.8 85.2

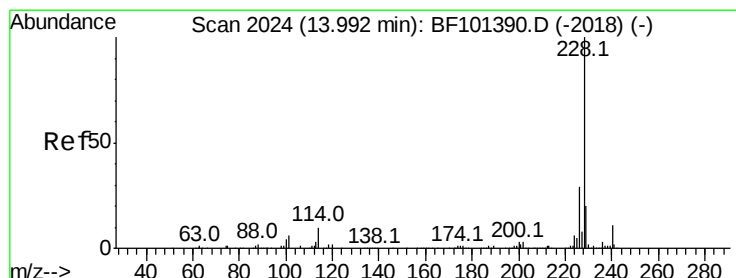
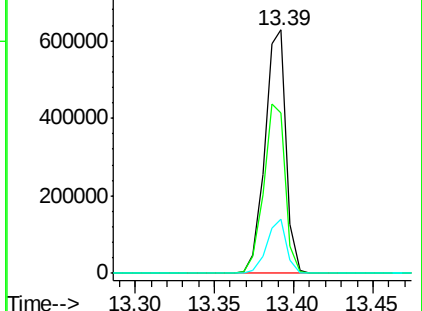
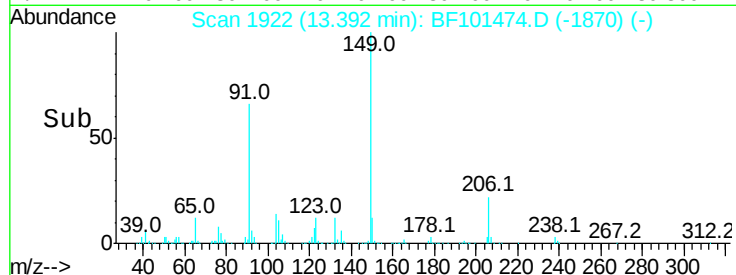
206 22.3 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.533 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

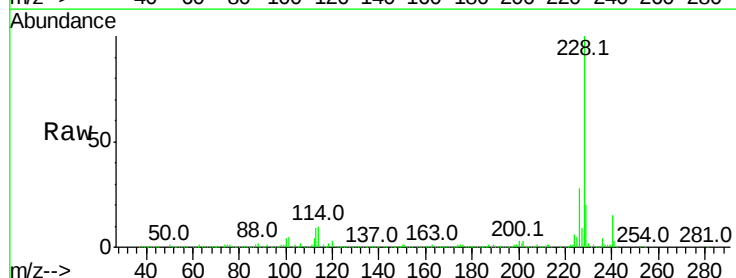
Tgt Ion:228 Resp: 1113060

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

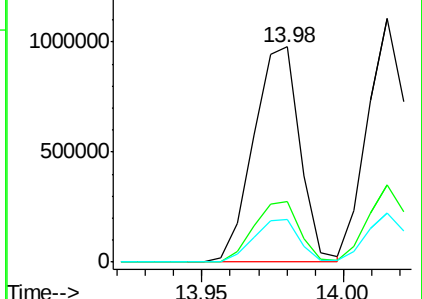
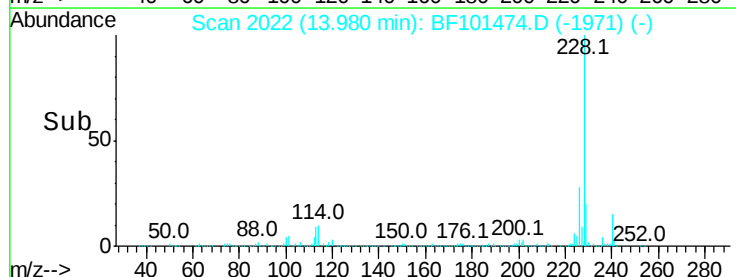
229 19.6 15.8 23.6

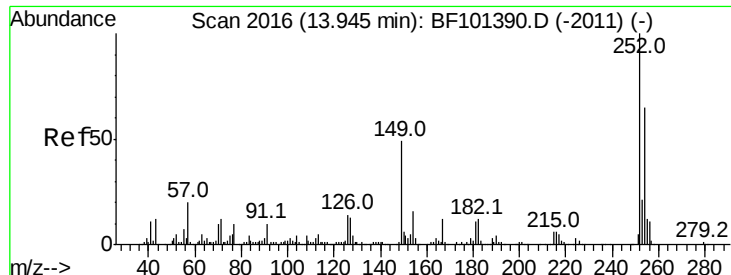


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

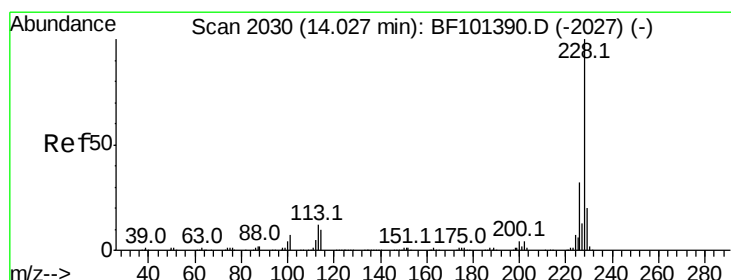
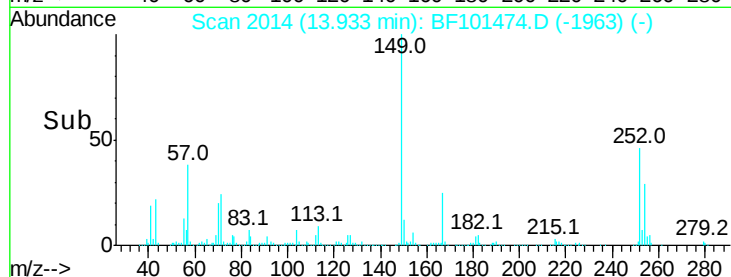
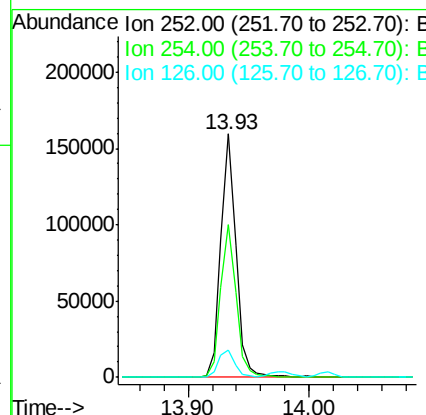
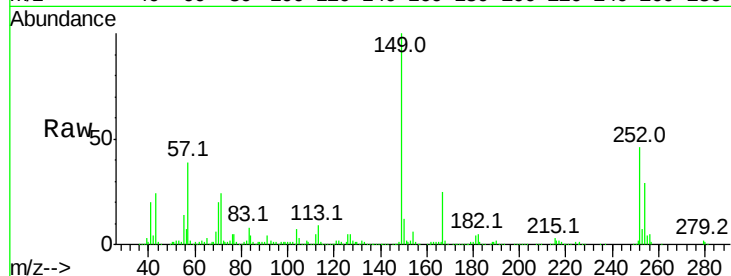




#81
 3,3'-Dichlorobenzidine
 Concen: 13.553 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

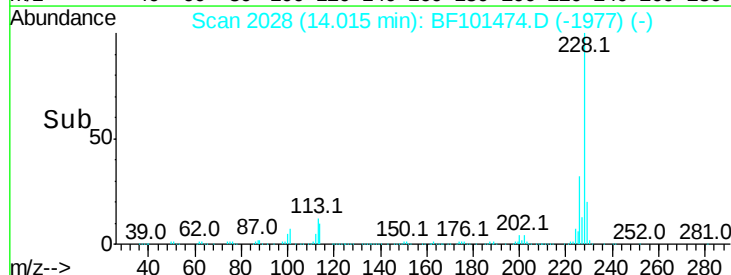
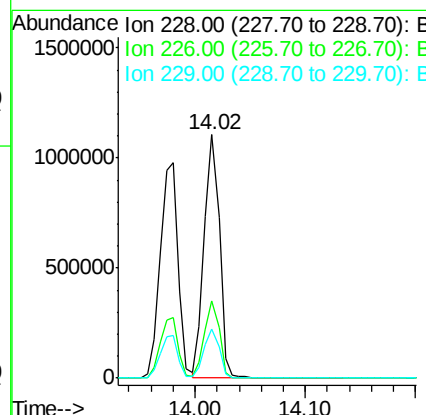
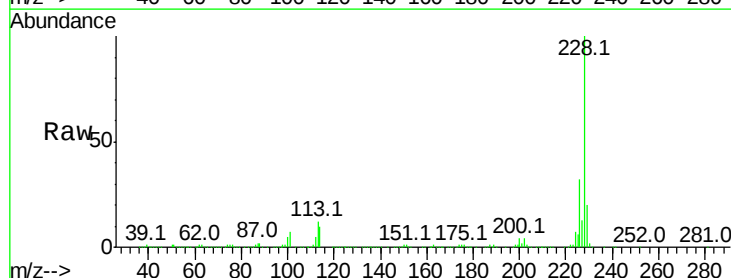
Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

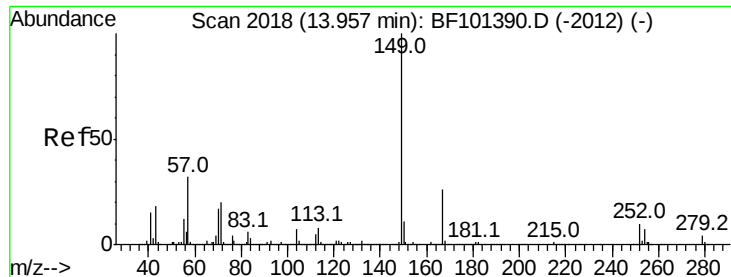
Tot Ion:252 Resp: 138427
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.4 75.6
 126 11.3 11.3 16.9#



#82
 Chrysene
 Concen: 35.139 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion:228 Resp: 1039296
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.1 16.2 24.4

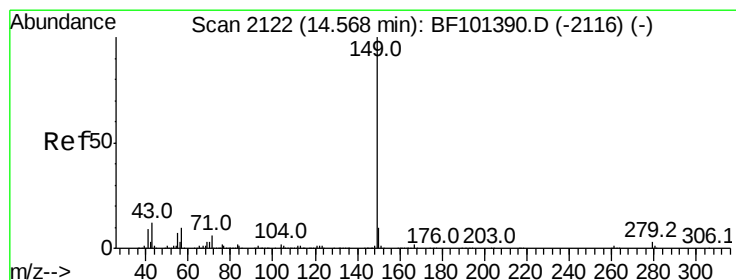
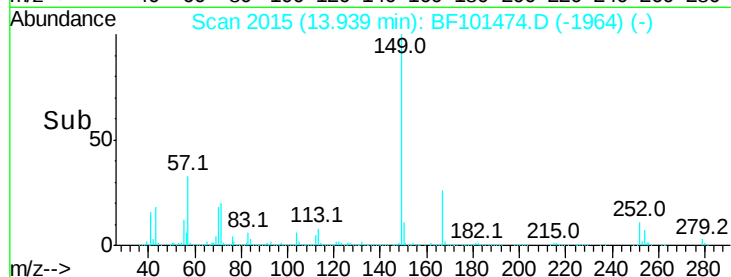
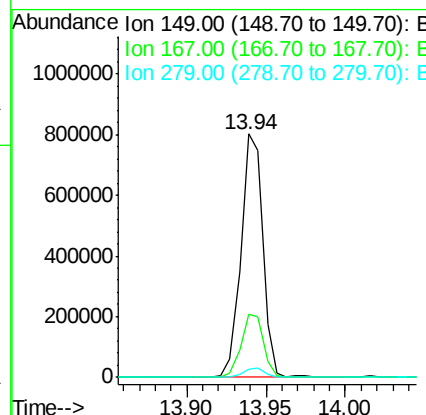
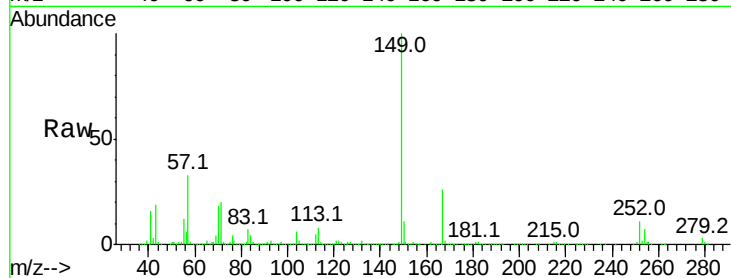




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.417 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

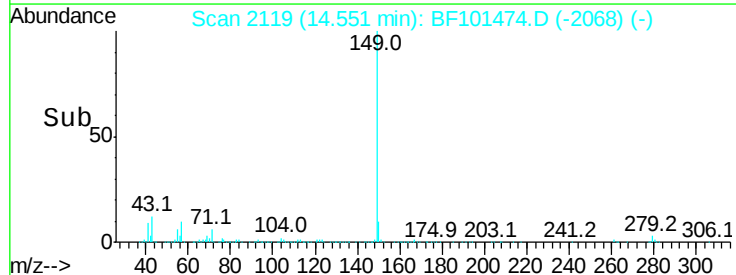
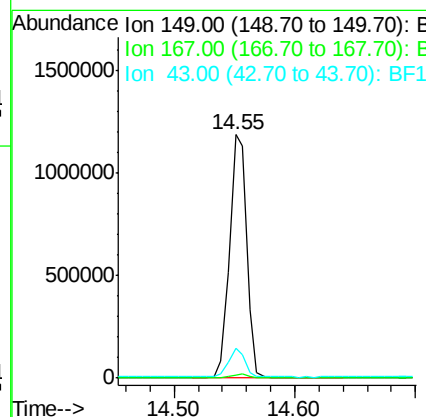
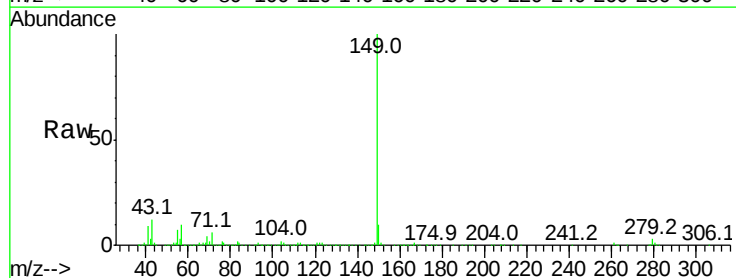
Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

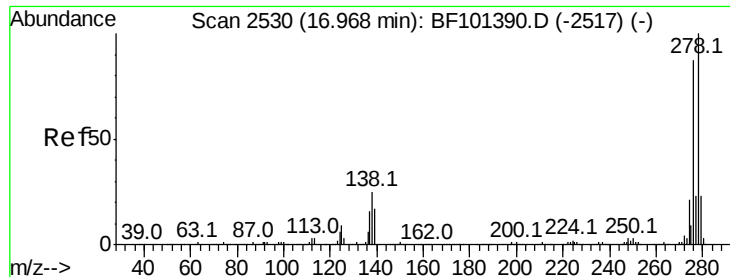
Tot Ion:149 Resp: 763472
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 31.978 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion:149 Resp: 1163685
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.9 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.398 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

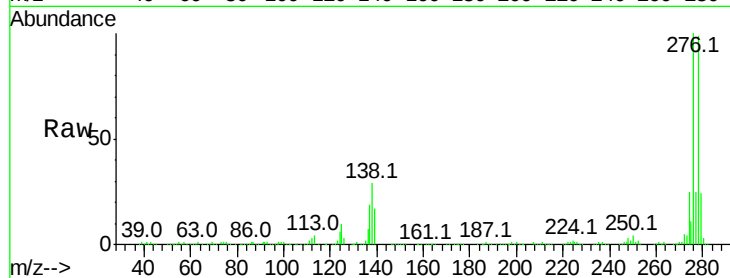
Tot Ion:276 Resp: 800614

Ion Ratio Lower Upper

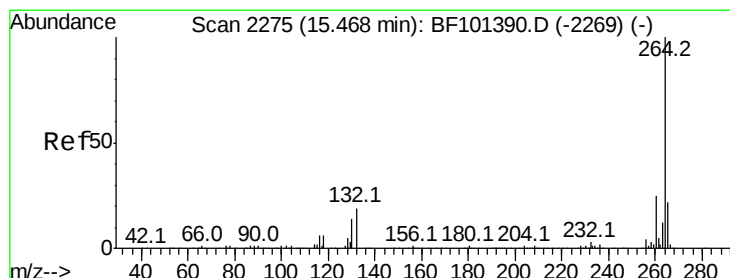
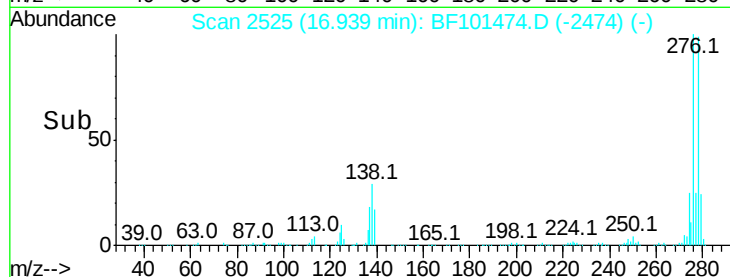
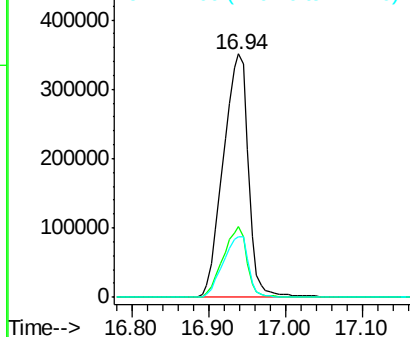
276 100

138 27.6 25.0 37.6

277 25.5 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: 15.45 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

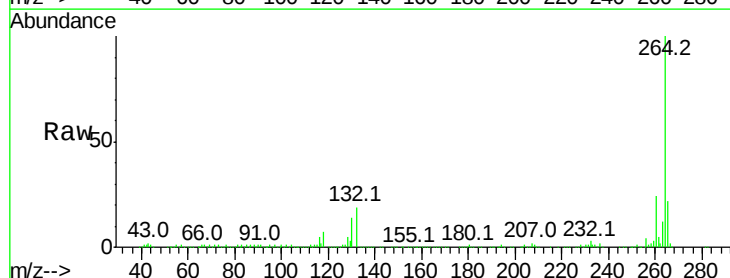
Tgt Ion:264 Resp: 373790

Ion Ratio Lower Upper

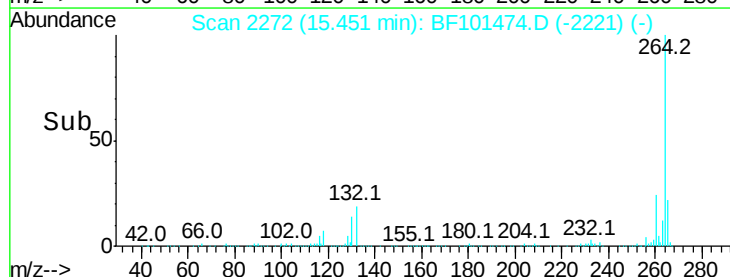
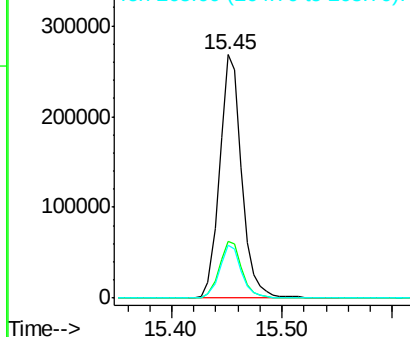
264 100

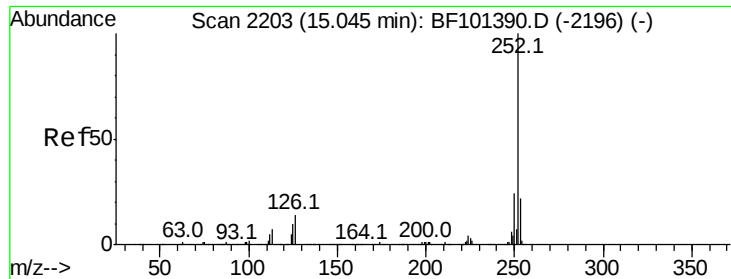
260 23.5 19.2 28.8

265 21.6 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

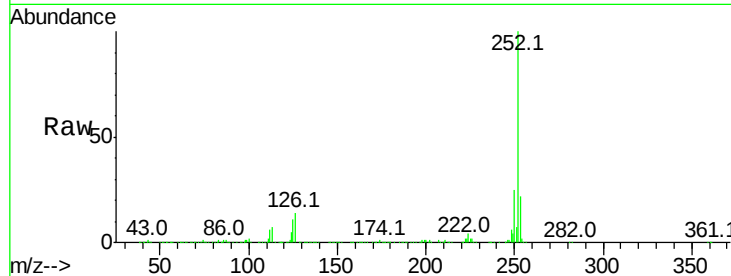




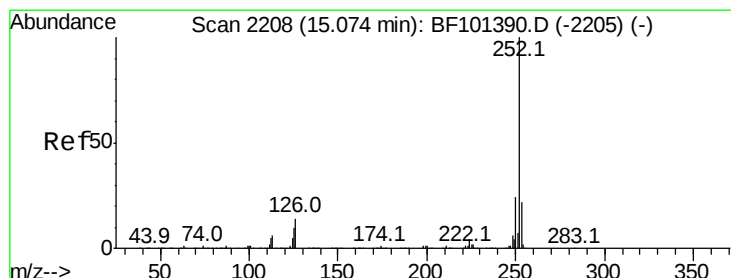
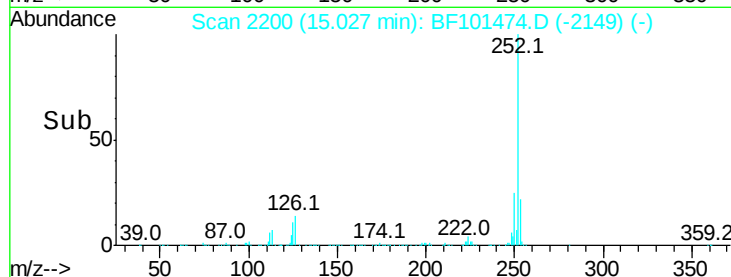
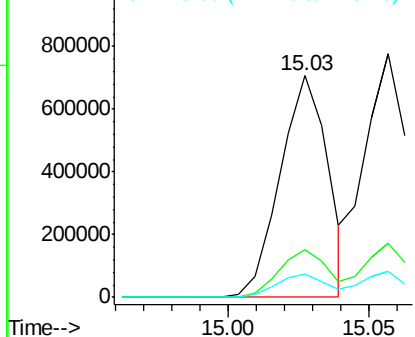
#87
Benzo(b)fluoranthene
Concen: 36.325 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

Tot Ion:252 Resp: 827597
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 10.6 9.0 13.6

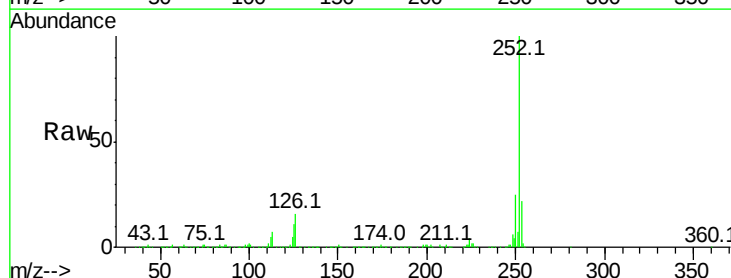


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

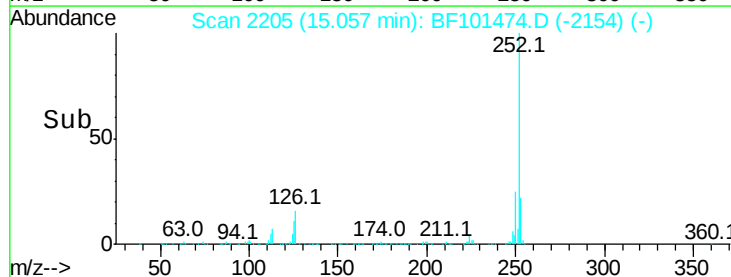
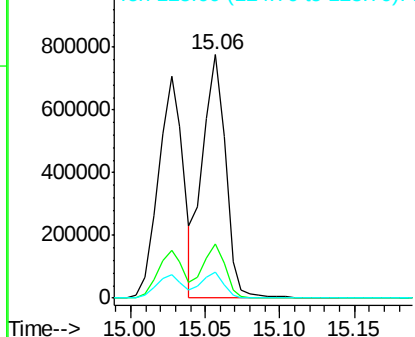


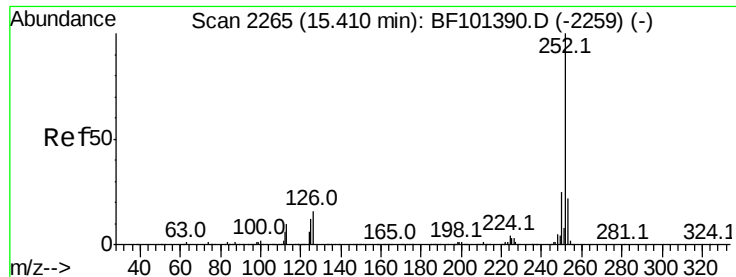
#88
Benzo(k)fluoranthene
Concen: 37.035 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion:252 Resp: 820393
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.8 10.2 15.2



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

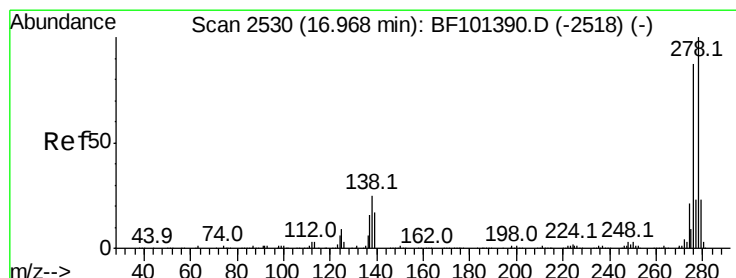
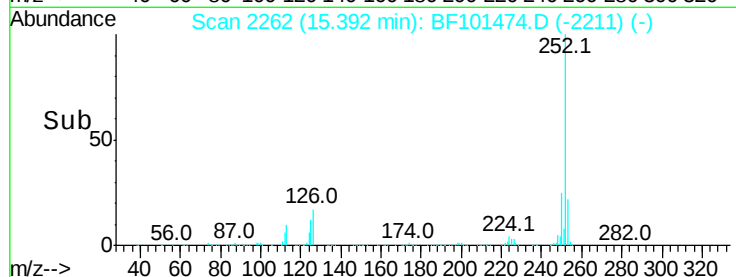
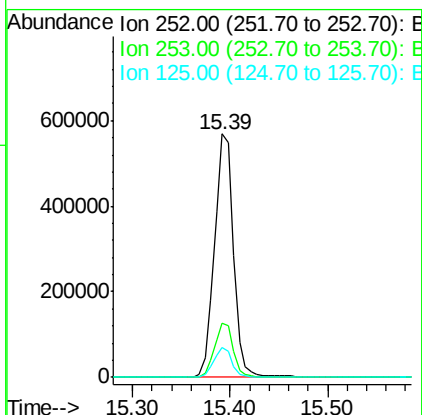
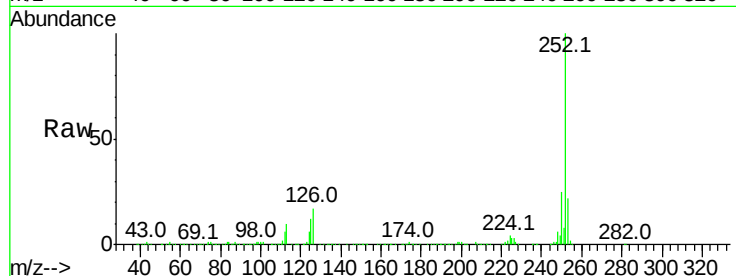




#89
Benzo(a)pyrene
Concen: 36.491 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

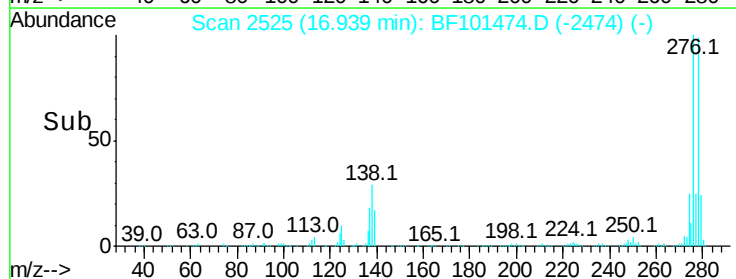
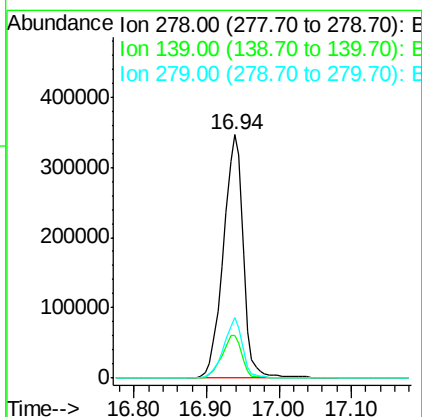
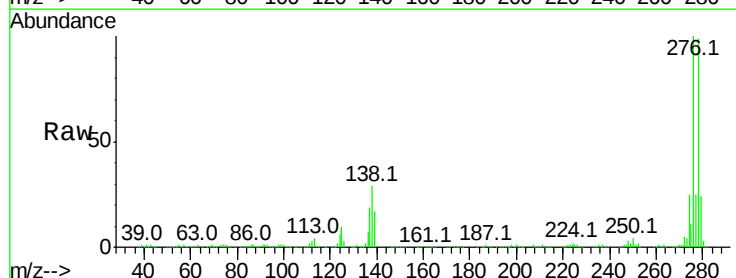
Instrument :
BNA_F
ClientSampleId :
PB105093BS

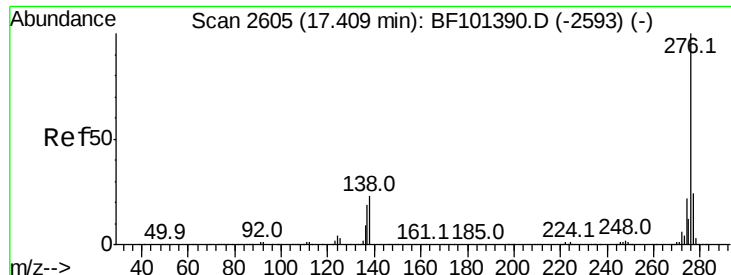
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.4	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.816 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.9	23.9
279	24.7	19.0	28.4

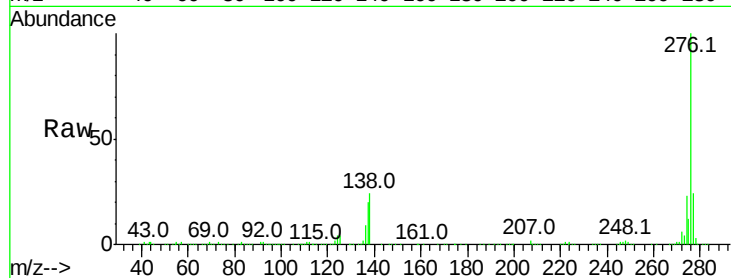




#91
 Benzo(a,h,i)perylene
 Concen: 40.568 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.2	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

