

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042984.D
 Acq On : 2 Oct 2019 14:36
 Operator : JU
 Sample : PB123556BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

Quant Time: Oct 03 04:26:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	71468	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	285290	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	206176	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	488235	20.00	ng	0.00
76) Chrysene-d12	21.71	240	531038	20.00	ng	0.00
87) Perylene-d12	24.93	264	527893	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	475162	118.65	ng	0.00
7) Phenol-d6	7.25	99	644396	111.74	ng	0.00
23) Nitrobenzene-d5	9.23	82	390144	66.47	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	396985	111.97	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	942982	66.30	ng	0.00
79) Terphenyl-d14	20.04	244	1782594	71.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	57934	34.698	ng	97
3) Pyridine	3.95	79	142357	30.314	ng	94
4) n-Nitrosodimethylamine	3.86	42	97554	43.198	ng	# 87
6) Aniline	7.40	93	226216	32.496	ng	99
8) 2-Chlorophenol	7.64	128	201612	48.275	ng	98
9) Benzaldehyde	7.21	77	102033	28.954	ng	91
10) Phenol	7.27	94	250440	47.333	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	175011	42.750	ng	94
12) 1,3-Dichlorobenzene	7.96	146	213739	40.119	ng	98
13) 1,4-Dichlorobenzene	8.11	146	223817	42.142	ng	99
14) 1,2-Dichlorobenzene	8.42	146	213484	42.221	ng	92
15) Benzyl Alcohol	8.31	79	192714	44.447	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	285639	36.332	ng	99
17) 2-Methylphenol	8.52	107	174198	47.053	ng	97
18) Hexachloroethane	9.16	117	81589	40.790	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	154016	40.672	ng	97
20) 3+4-Methylphenols	8.85	107	232437	45.814	ng	96
22) Acetophenone	8.89	105	297816	40.498	ng	# 95
24) Nitrobenzene	9.27	77	241869	43.201	ng	99
25) Isophorone	9.80	82	428251	41.537	ng	98
26) 2-Nitrophenol	9.99	139	114145	47.893	ng	96
27) 2,4-Dimethylphenol	10.04	122	185928	50.798	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	238390	40.753	ng	97
29) 2,4-Dichlorophenol	10.53	162	212090	46.592	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	245291	41.727	ng	94
31) Naphthalene	10.93	128	602195	42.880	ng	99
32) Benzoic acid	10.20	122	124843	44.511	ng	91
33) 4-Chloroaniline	11.03	127	164127	26.933	ng	95
34) Hexachlorobutadiene	11.21	225	170722	38.787	ng	97
35) Caprolactam	11.81	113	40037	24.941	ng	96
36) 4-Chloro-3-methylphenol	12.15	107	225166	45.493	ng	96
37) 2-Methylnaphthalene	12.52	142	462455	43.165	ng	97
38) 1-Methylnaphthalene	12.74	142	431499	42.564	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	310040	39.995	ng	99

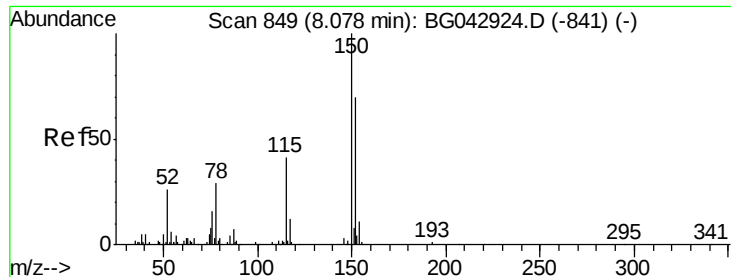
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042984.D
 Acq On : 2 Oct 2019 14:36
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 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	330669	66.947	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	199389	43.944	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	215288	46.059	ng	96
46) 1,1'-Biphenyl	13.53	154	613585	39.244	ng	99
47) 2-Chloronaphthalene	13.57	162	488538	41.675	ng	98
48) 2-Nitroaniline	13.77	65	165851	42.545	ng	92
49) Acenaphthylene	14.42	152	781399	43.563	ng	99
50) Dimethylphthalate	14.15	163	622643	40.306	ng	98
51) 2,6-Dinitrotoluene	14.26	165	147702	44.897	ng	91
52) Acenaphthene	14.76	154	473466	39.435	ng	99
53) 3-Nitroaniline	14.59	138	113581	33.408	ng	98
54) 2,4-Dinitrophenol	14.79	184	178735	87.407	ng	96
55) Dibenzofuran	15.09	168	751878	42.334	ng	98
56) 4-Nitrophenol	14.91	139	239560	92.479	ng	100
57) 2,4-Dinitrotoluene	15.05	165	209233	43.432	ng	94
58) Fluorene	15.74	166	636402	41.970	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	222559	44.720	ng	91
60) Diethylphthalate	15.51	149	630940	40.132	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	371398	40.840	ng	99
62) 4-Nitroaniline	15.76	138	151208	40.780	ng	93
63) Azobenzene	16.02	77	582852	40.721	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	127388	46.109	ng	99
66) n-Nitrosodiphenylamine	15.94	169	571202	44.318	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	261098	42.609	ng	99
68) Hexachlorobenzene	16.74	284	288890	42.341	ng	97
69) Atrazine	16.89	200	222366	40.971	ng	96
70) Pentachlorophenol	17.09	266	368656	93.639	ng	99
71) Phenanthrene	17.48	178	1034198	43.388	ng	98
72) Anthracene	17.56	178	1051450	44.187	ng	99
73) Carbazole	17.84	167	970514	43.982	ng	98
74) Di-n-butylphthalate	18.39	149	1095779	41.621	ng	99
75) Fluoranthene	19.48	202	1340747	42.527	ng	100
77) Benzidine	19.66	184	403047	30.312	ng	100
78) Pyrene	19.84	202	1356052	42.784	ng	98
80) Butylbenzylphthalate	20.73	149	520551	43.268	ng	96
81) Benzo(a)anthracene	21.68	228	1406116	42.496	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	503775	38.818	ng	99
83) Chrysene	21.75	228	1370720	42.688	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	747407	43.659	ng	99
85) Di-n-octyl phthalate	22.81	149	1267486	45.278	ng	98
86) Indeno(1,2,3-cd)pyrene	28.62	276	1775398	44.414	ng	98
88) Benzo(b)fluoranthene	23.91	252	1511366	50.599	ng	99
89) Benzo(k)fluoranthene	23.98	252	1484640	50.243	ng	98
90) Benzo(a)pyrene	24.79	252	1476226	52.384	ng	99
91) Dibenzo(a,h)anthracene	28.69	278	1511807	52.317	ng	98
92) Benzo(g,h,i)perylene	29.77	276	1463489	52.269	ng	96

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

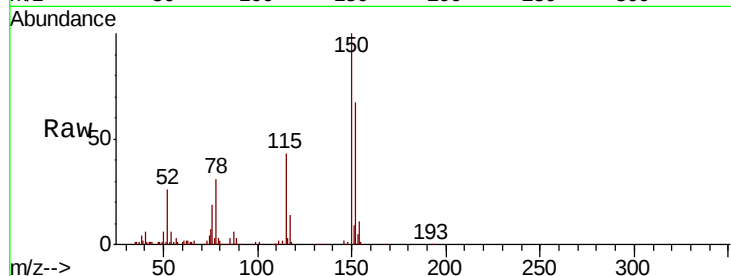


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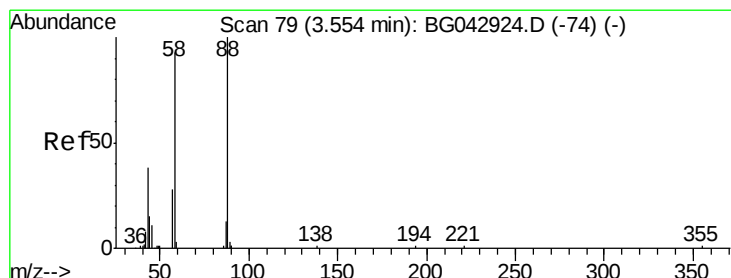
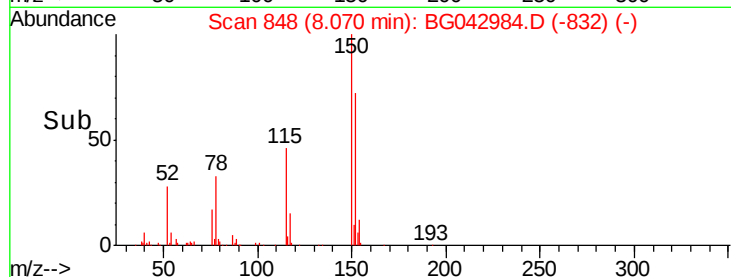
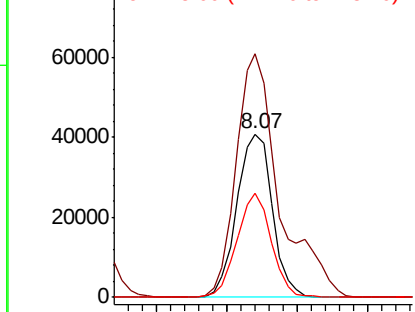
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Instrument :
BNA_G
ClientSampleId :
PB123556BS

Tot Ion:152 Resp: 71468
Ion Ratio Lower Upper
152 100
150 149.2 115.0 172.4
115 64.2 47.0 70.6



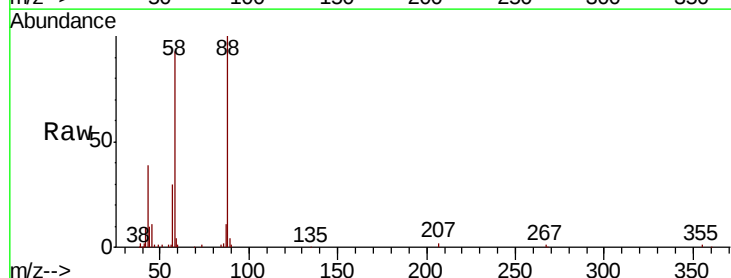
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



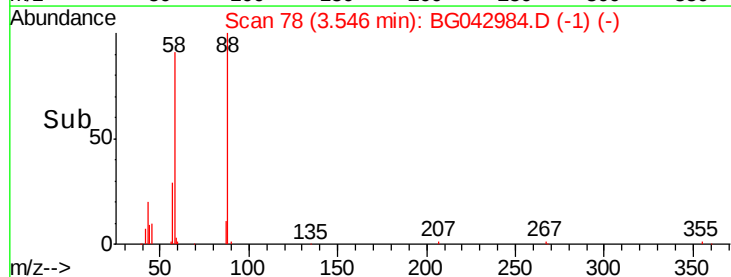
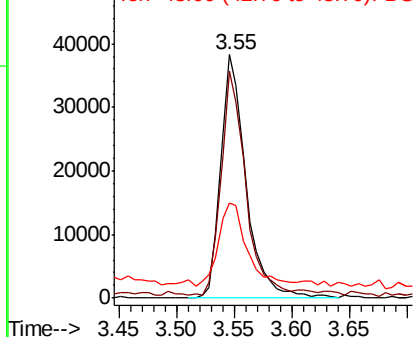
#2

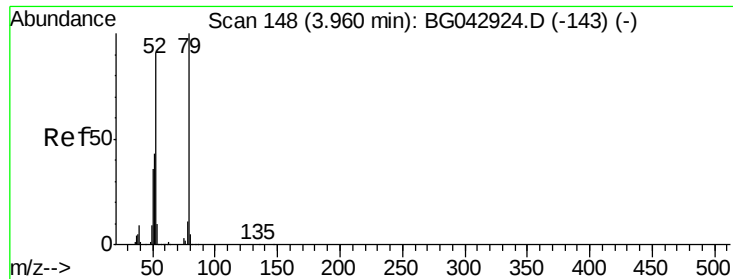
1,4-Dioxane
Concen: 34.698 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion: 88 Resp: 57934
Ion Ratio Lower Upper
88 100
58 90.0 74.3 111.5
43 35.8 29.8 44.8



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





#3

Pvridine

Concen: 30.314 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

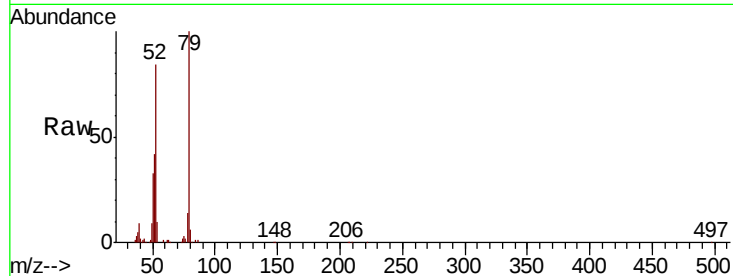
Tot Ion: 79 Resp: 142357

Ion Ratio Lower Upper

79 100

52 84.0 73.0 109.4

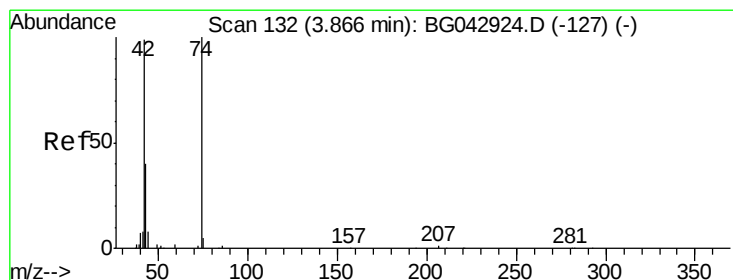
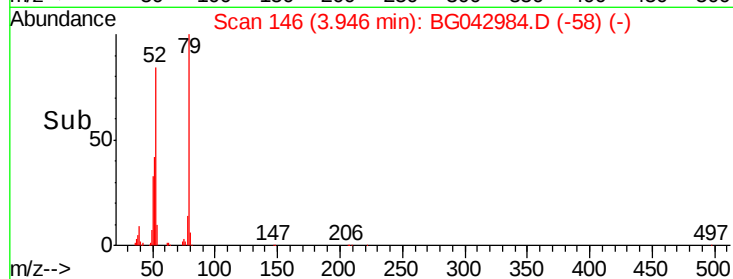
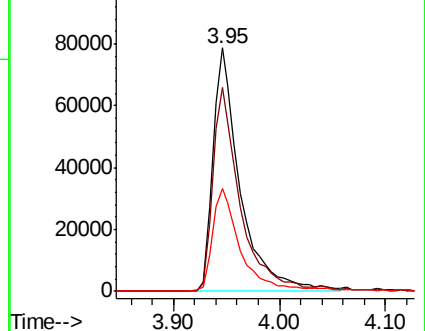
51 42.3 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.198 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

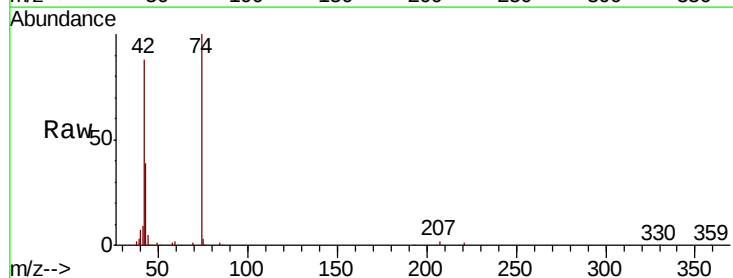
Tgt Ion: 42 Resp: 97554

Ion Ratio Lower Upper

42 100

74 114.0 80.5 120.7

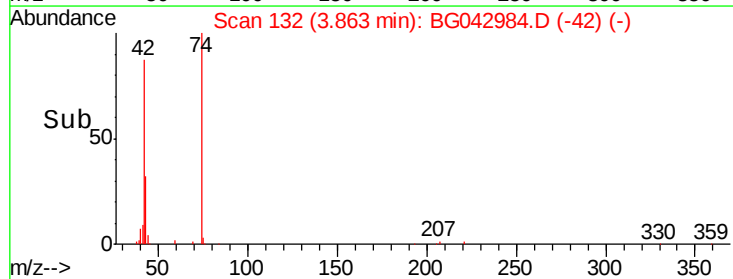
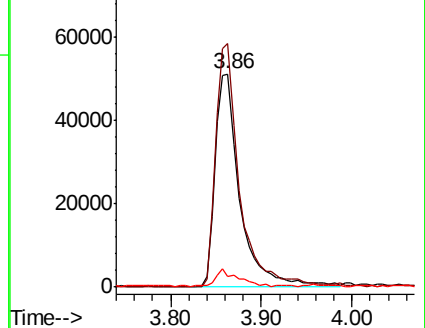
44 5.2 6.9 10.3#

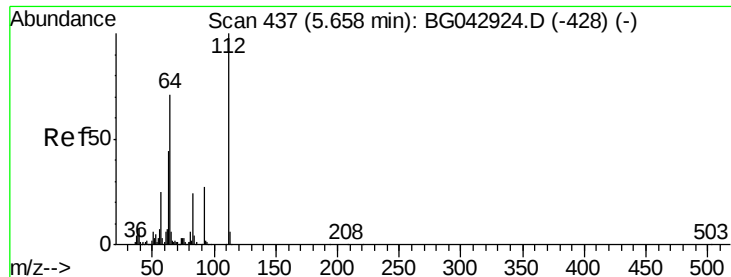


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 118.652 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

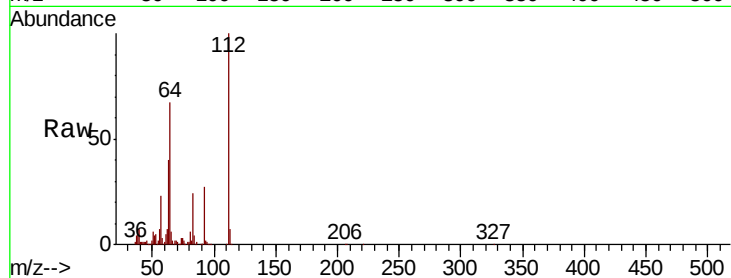
Tot Ion:112 Resp: 475162

Ion Ratio Lower Upper

112 100

64 67.4 56.6 84.8

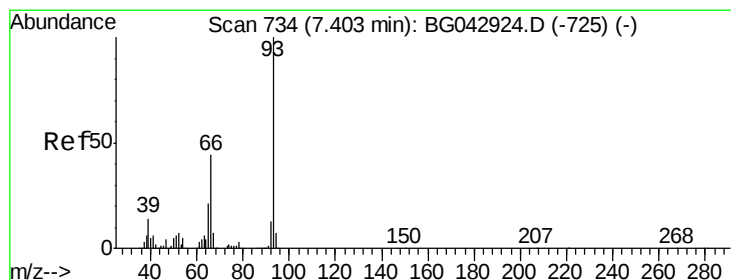
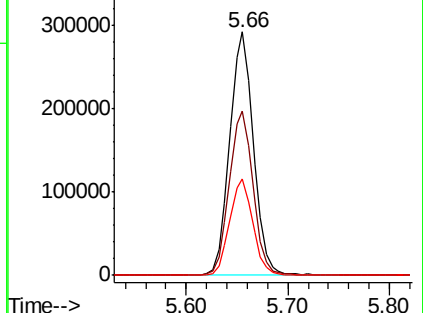
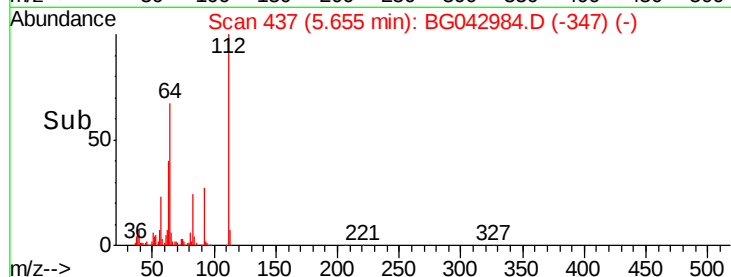
63 39.8 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.496 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

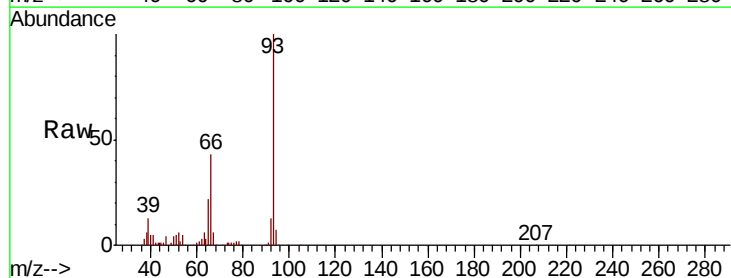
Tgt Ion: 93 Resp: 226216

Ion Ratio Lower Upper

93 100

66 42.7 35.0 52.6

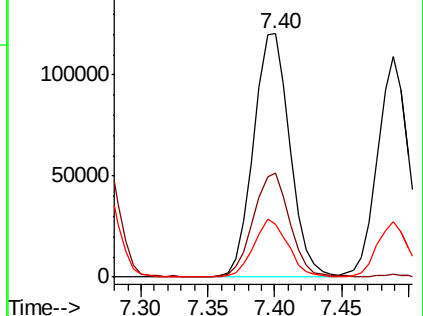
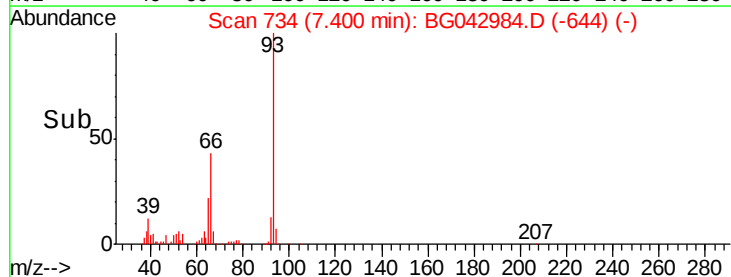
65 21.8 17.4 26.0

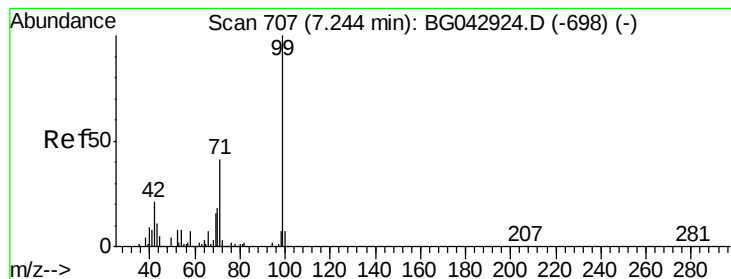


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.740 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

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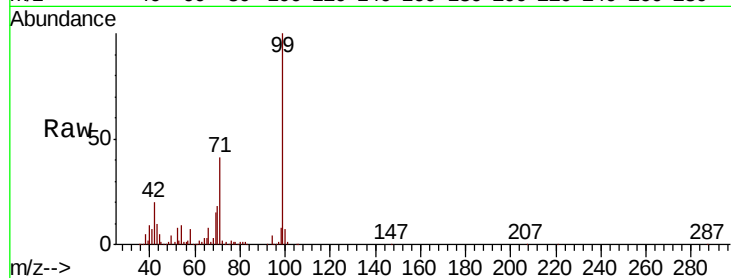
Tot Ion: 99 Resp: 644396

Ion Ratio Lower Upper

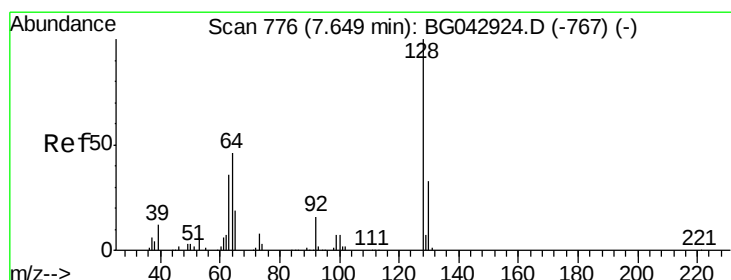
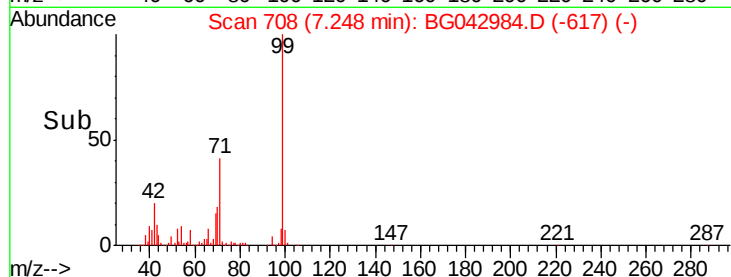
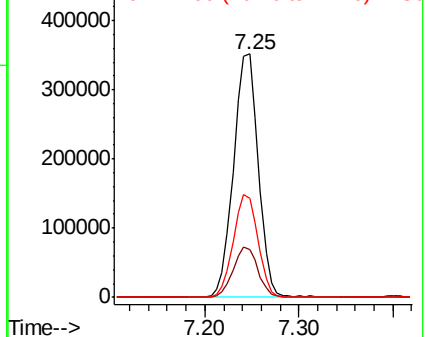
99 100

42 19.7 17.2 25.8

71 40.6 33.1 49.7



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



#8

2-Chlorophenol

Concen: 48.275 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

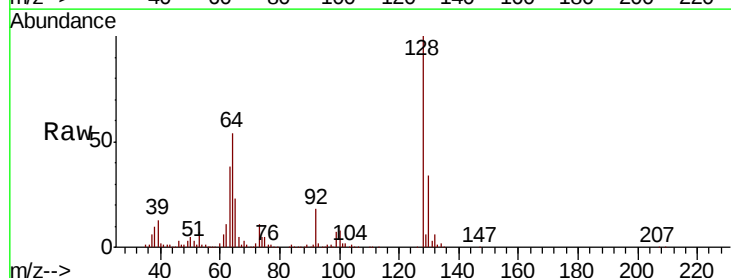
Tgt Ion:128 Resp: 201612

Ion Ratio Lower Upper

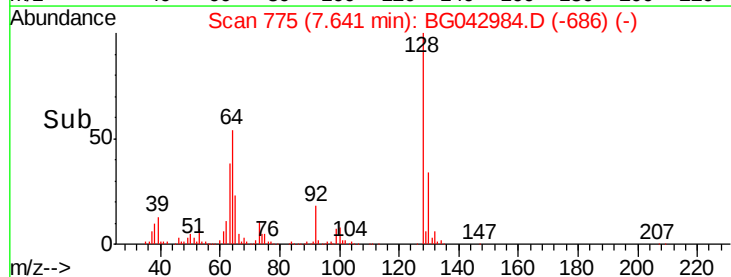
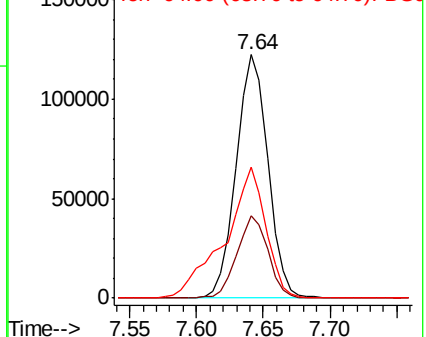
128 100

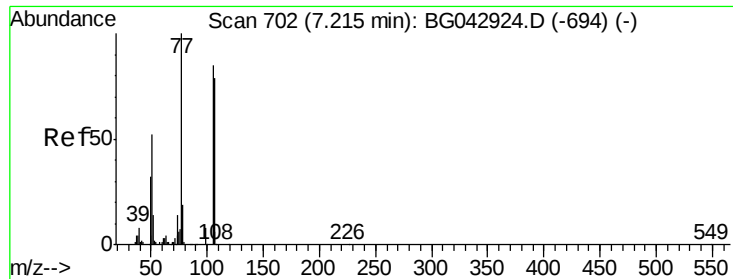
130 34.1 12.5 52.5

64 53.6 32.8 72.8



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): BGC





#9

Benzaldehyde

Concen: 28.954 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

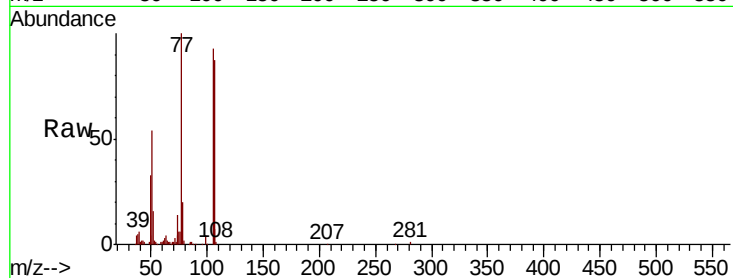
Tot Ion: 77 Resp: 102033

Ion Ratio Lower Upper

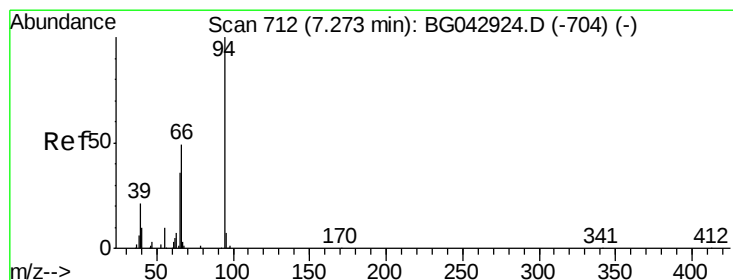
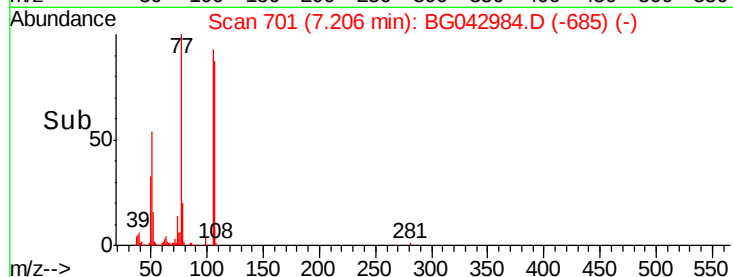
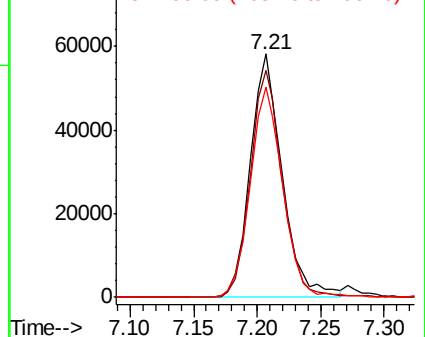
77 100

105 93.1 64.6 104.6

106 86.5 59.4 99.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.333 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

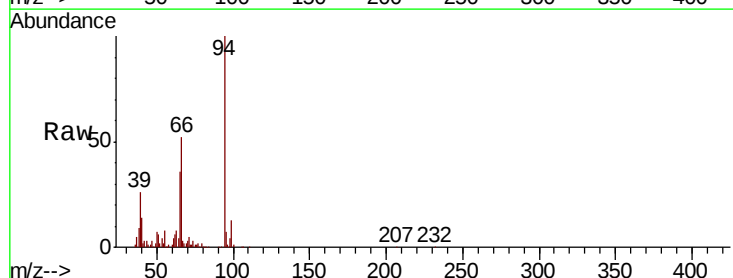
Tgt Ion: 94 Resp: 250440

Ion Ratio Lower Upper

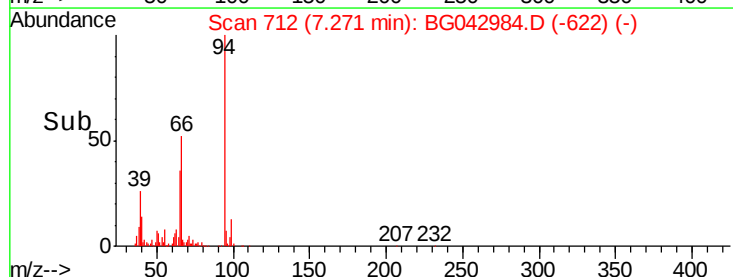
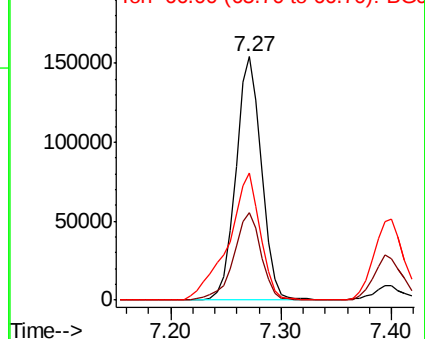
94 100

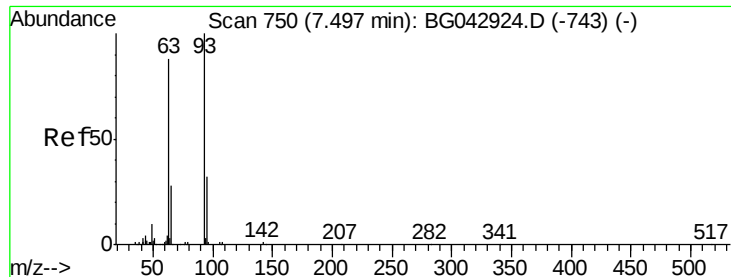
65 35.9 16.6 56.6

66 52.1 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



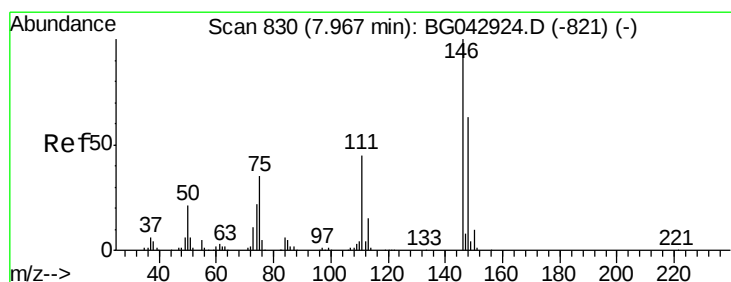
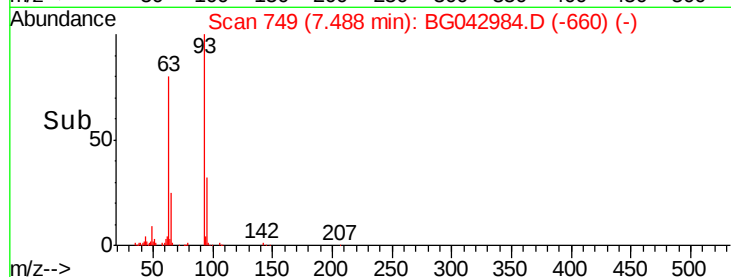
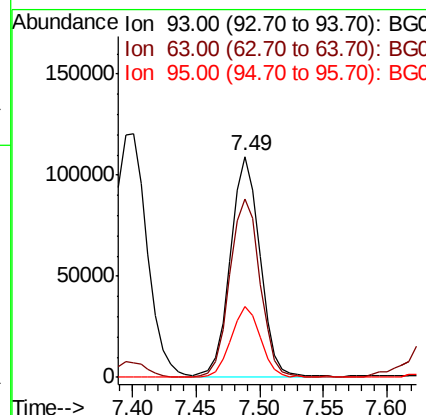
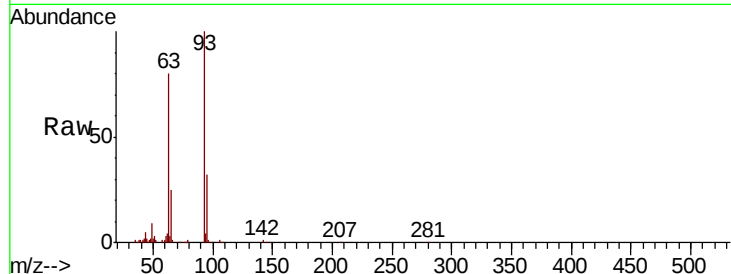


#11
 bis(2-Chloroethyl)ether
 Concen: 42.750 ng
 RT: 7.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

Tot Ion: 93 Resp: 175011

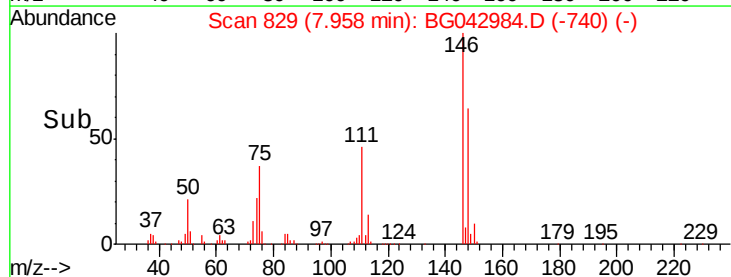
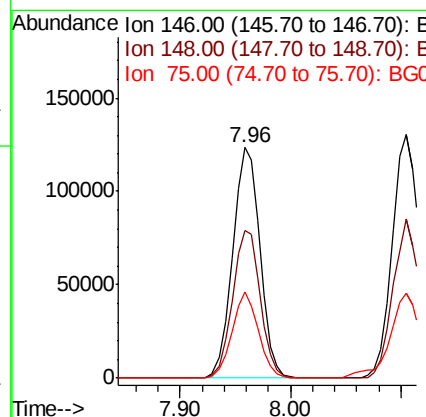
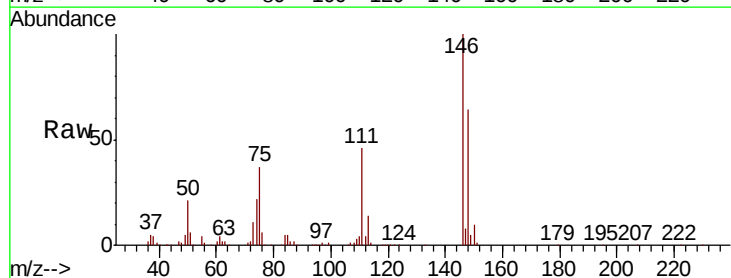
Ion	Ratio	Lower	Upper
93	100		
63	80.5	67.4	107.4
95	32.1	11.9	51.9

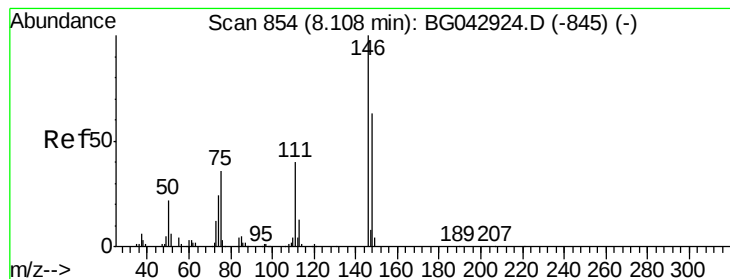


#12
 1,3-Dichlorobenzene
 Concen: 40.119 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion: 146 Resp: 213739

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
75	37.3	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 42.142 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

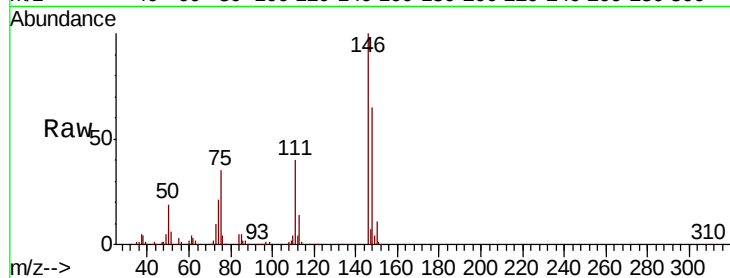
Tot Ion:146 Resp: 223817

Ion Ratio Lower Upper

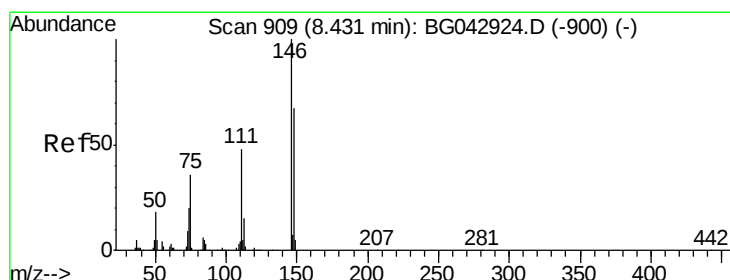
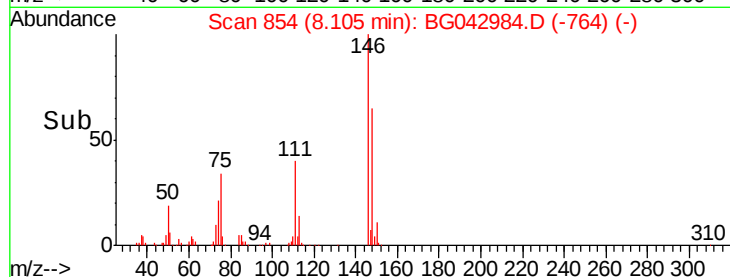
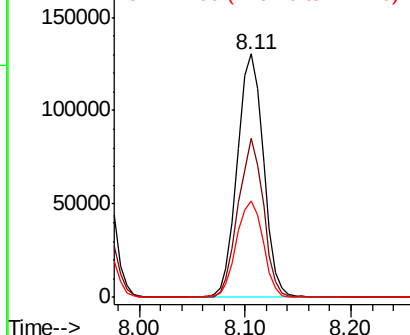
146 100

148 65.3 50.9 76.3

111 39.8 31.8 47.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.221 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

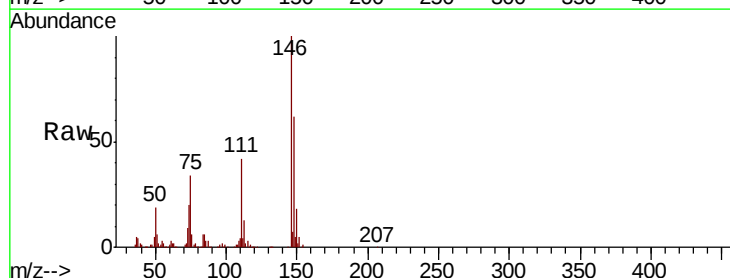
Tgt Ion:146 Resp: 213484

Ion Ratio Lower Upper

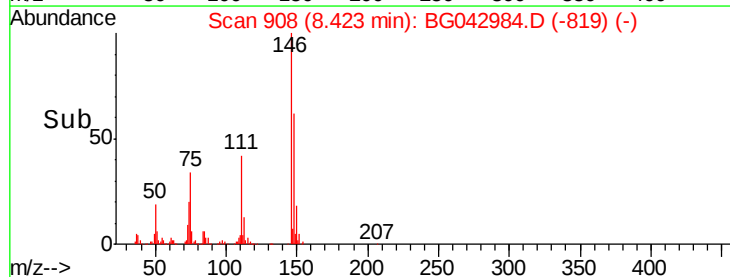
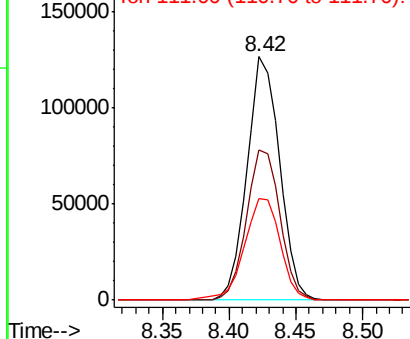
146 100

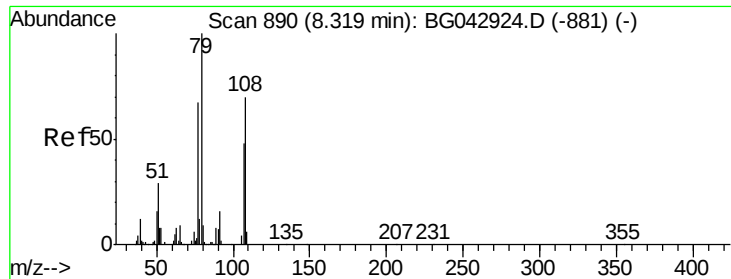
148 61.5 53.4 80.2

111 41.6 38.5 57.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.447 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

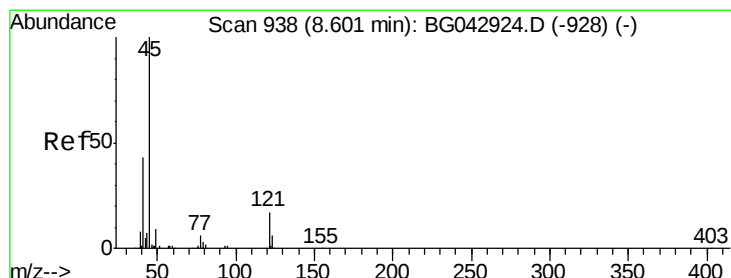
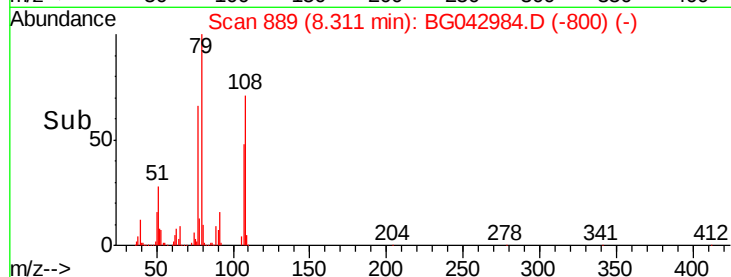
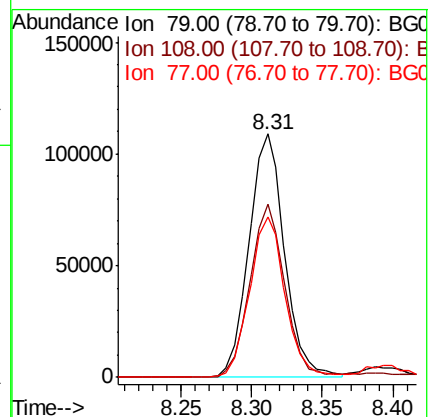
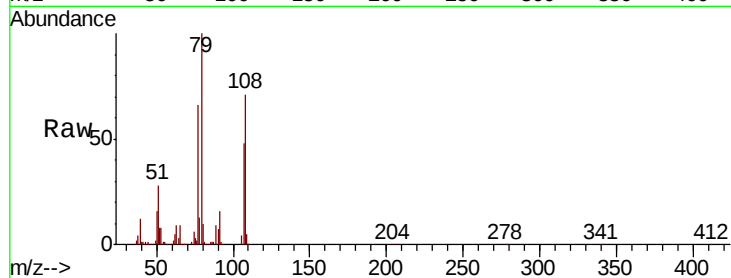
Tot Ion: 79 Resp: 192714

Ion Ratio Lower Upper

79 100

108 71.4 55.7 83.5

77 66.1 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.332 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

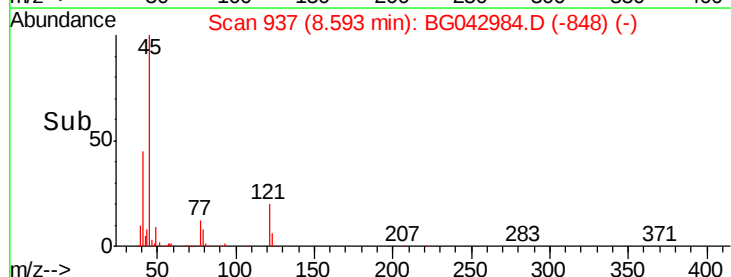
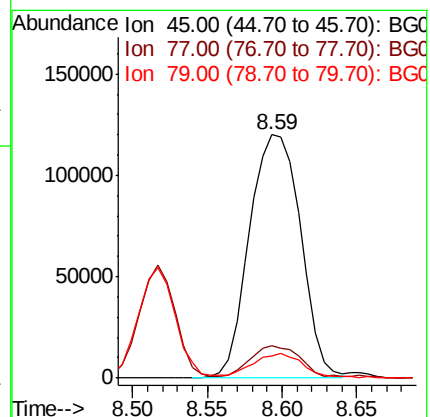
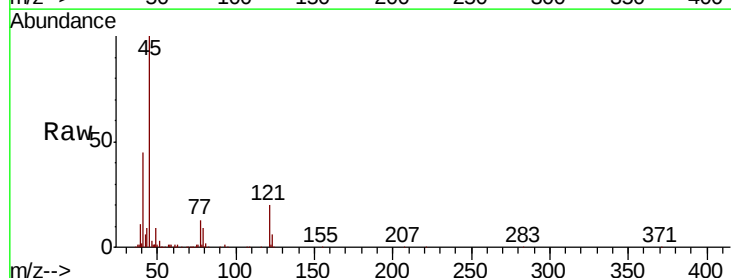
Tgt Ion: 45 Resp: 285639

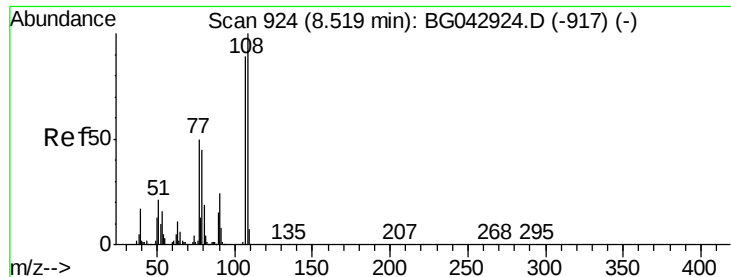
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.8

79 9.2 0.0 29.4





#17

2-Methylphenol

Concen: 47.053 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

Tot Ion:107 Resp: 174198

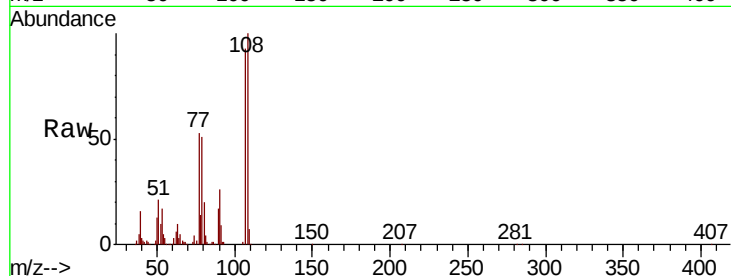
Ion Ratio Lower Upper

107 100

108 107.8 89.9 134.9

77 56.7 45.4 68.2

79 55.3 41.4 62.0

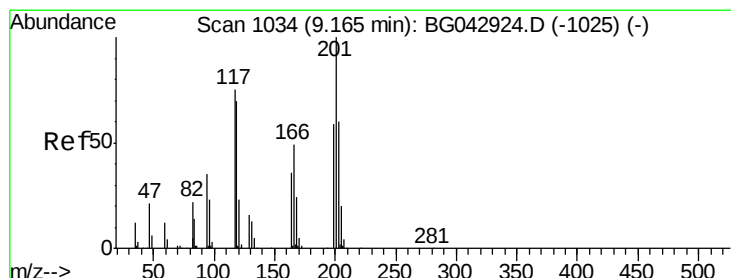
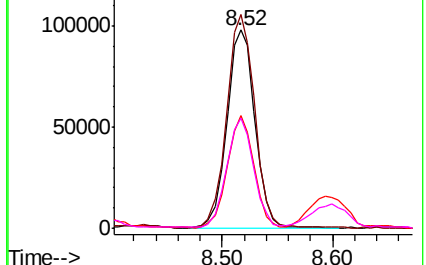
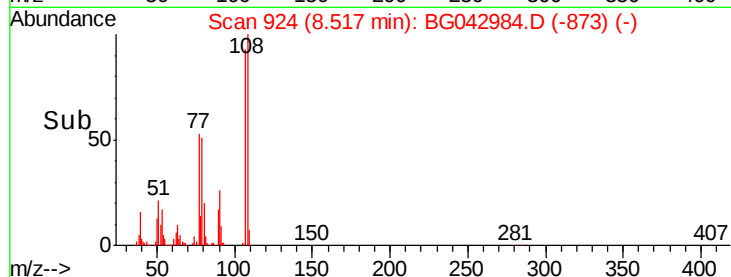


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.790 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

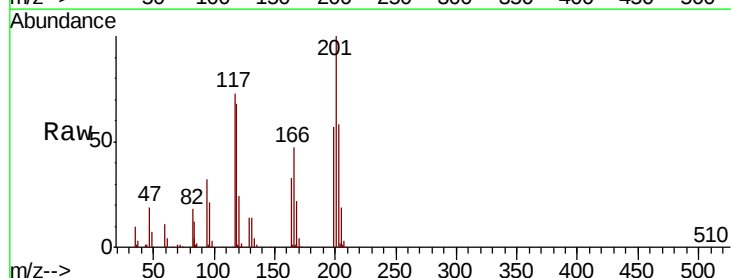
Tgt Ion:117 Resp: 81589

Ion Ratio Lower Upper

117 100

119 93.5 74.6 111.8

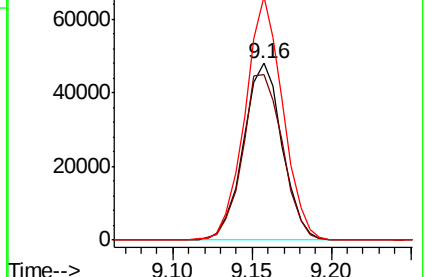
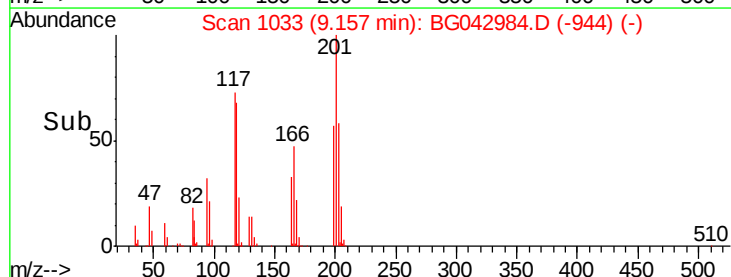
201 137.6 106.0 159.0

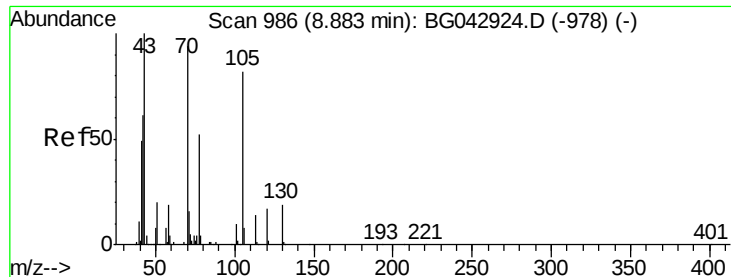


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

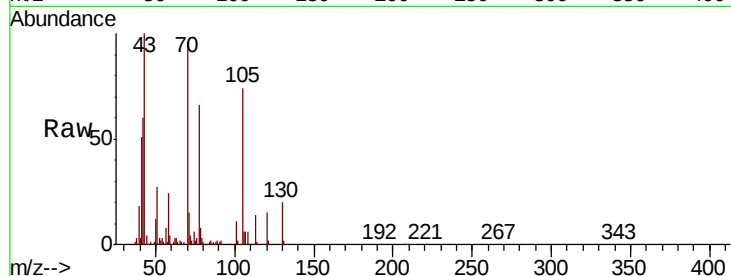




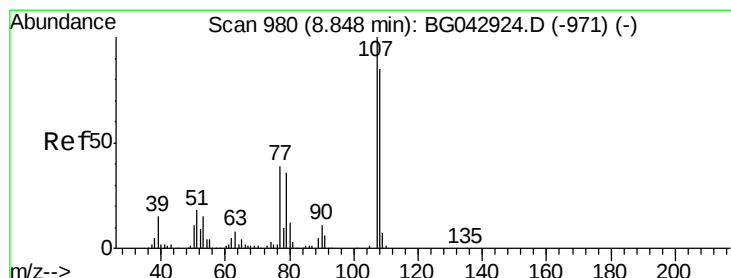
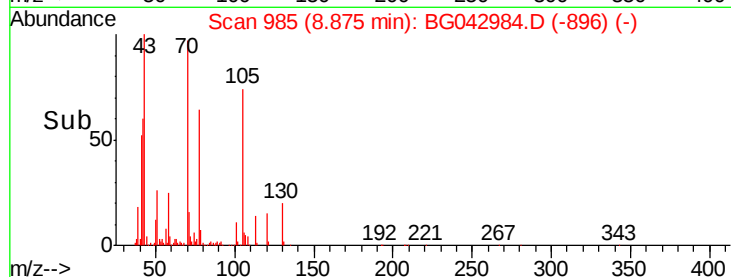
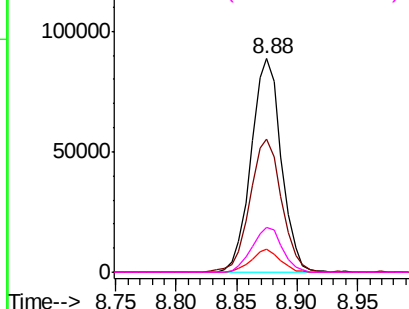
#19
n-Nitroso-di-n-propylamine
Concen: 40.672 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Instrument :
BNA_G
ClientSampleId :
PB123556BS

Tot Ion: 70 Resp: 154016
Ion Ratio Lower Upper
70 100
42 62.3 52.6 79.0
101 11.0 8.7 13.1
130 20.9 15.8 23.8

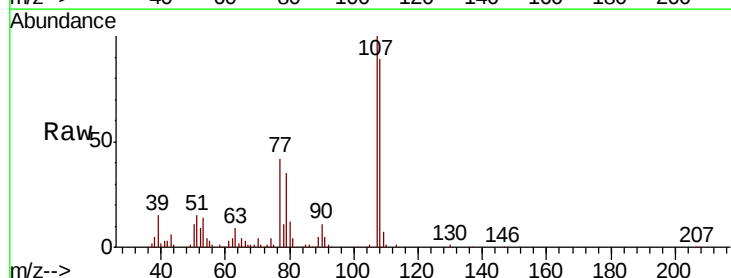


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

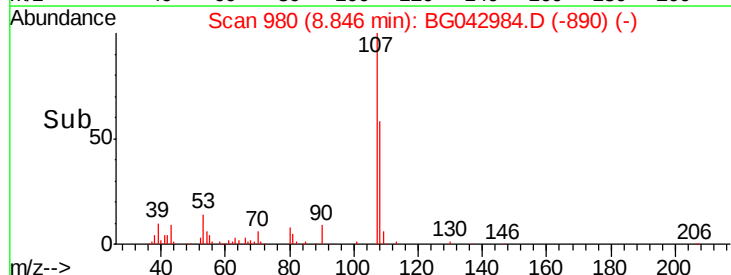
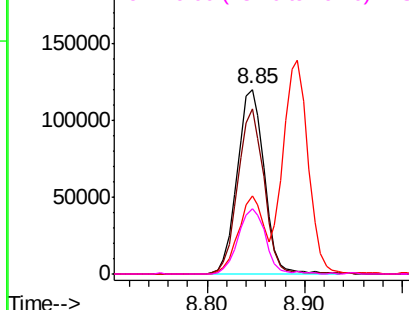


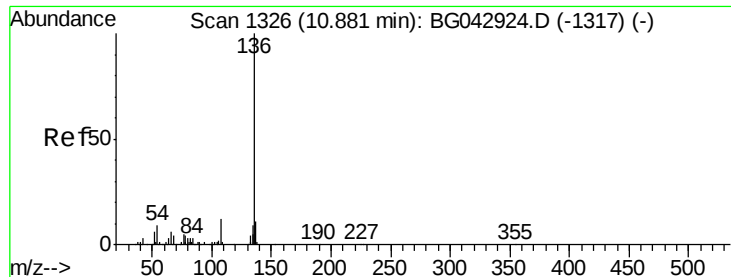
#20
3+4-Methylphenols
Concen: 45.814 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion:107 Resp: 232437
Ion Ratio Lower Upper
107 100
108 89.1 64.9 104.9
77 42.1 19.4 59.4
79 35.4 16.2 56.2



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

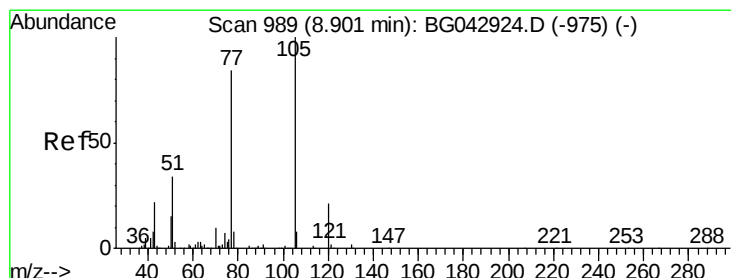
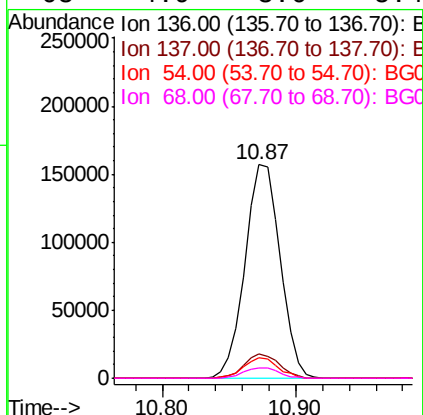
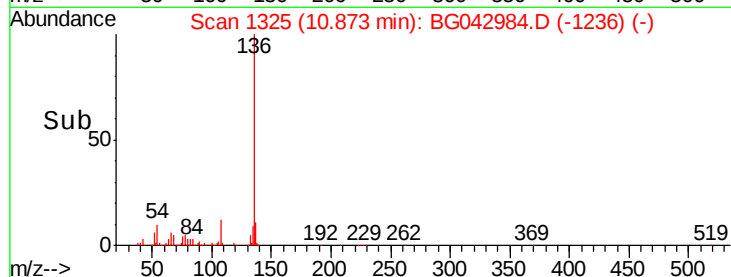
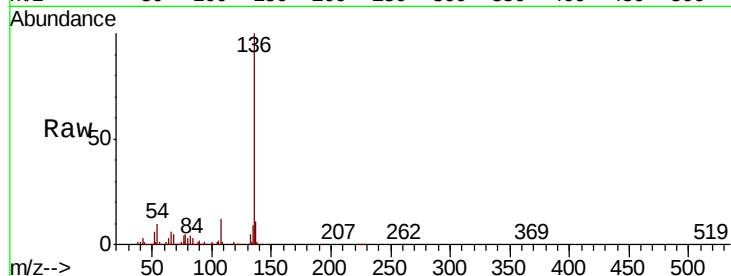




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

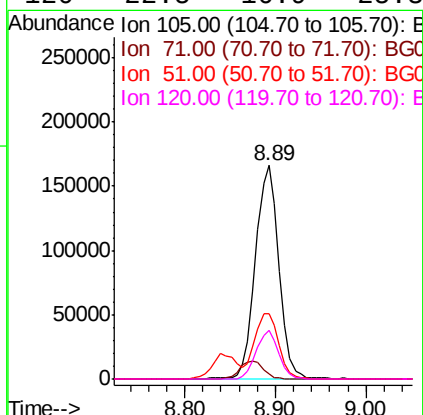
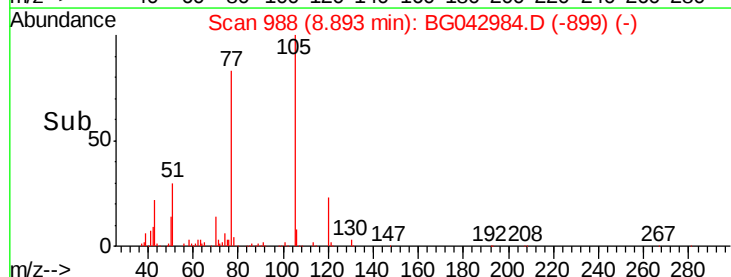
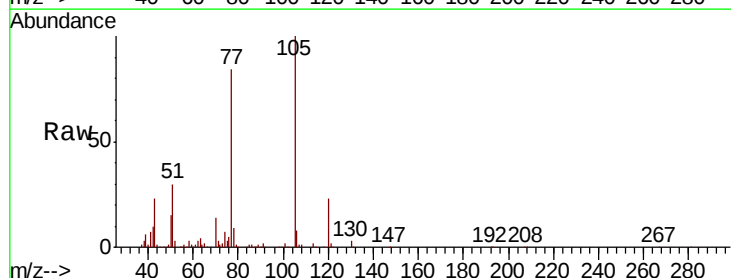
Instrument :
BNA_G
ClientSampleId :
PB123556BS

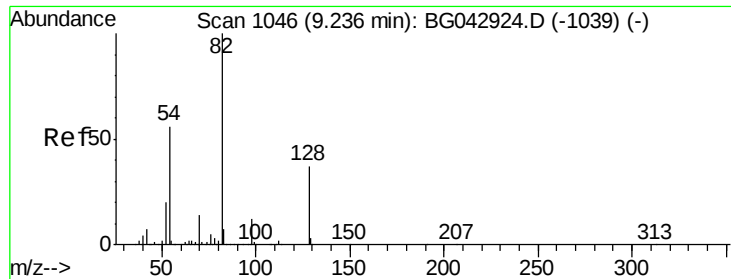
Tot Ion:136	Resp:	285290
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.5	12.7
54 9.6	7.4	11.2
68 4.9	3.6	5.4



#22
Acetophenone
Concen: 40.498 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt	Ion:105	Resp:	297816
Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.2	1.8#
51	30.5	27.2	40.8
120	22.5	16.9	25.3

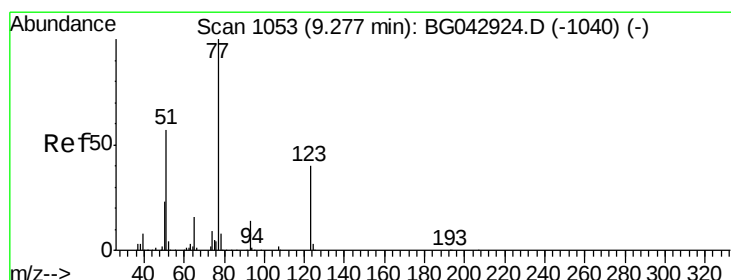
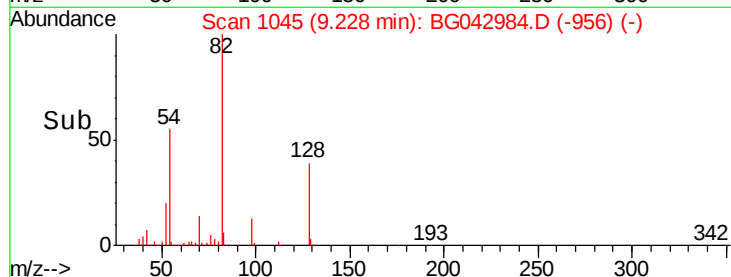
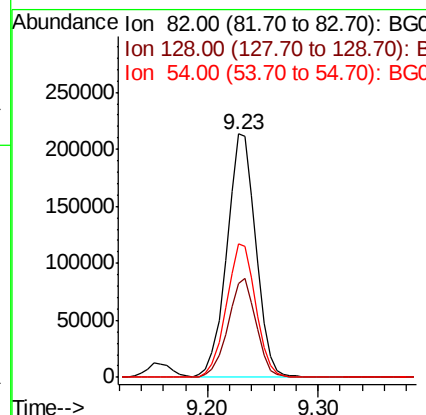
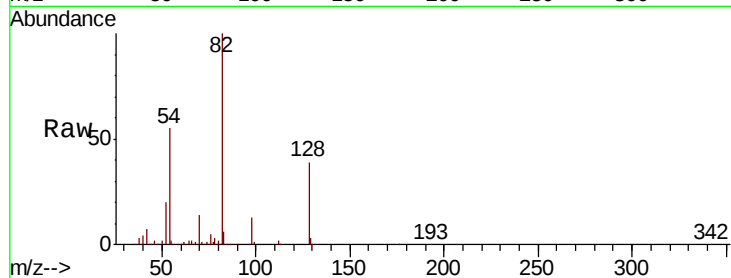




#23
 Nitrobenzene-d5
 Concen: 66.469 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

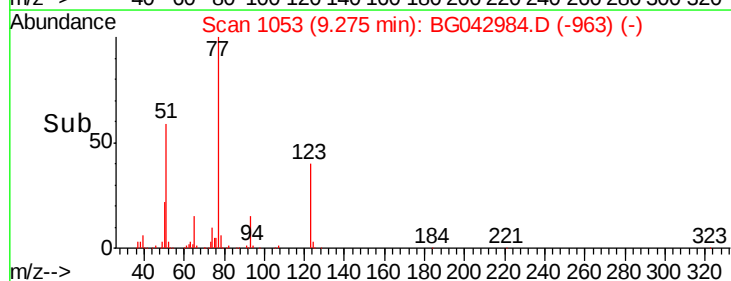
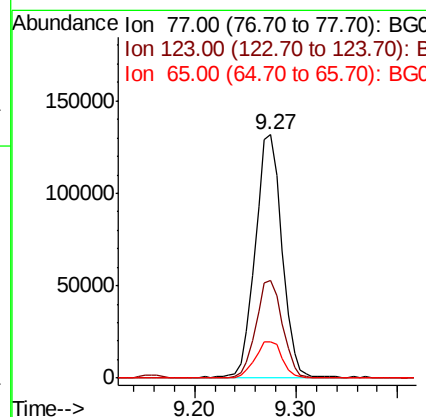
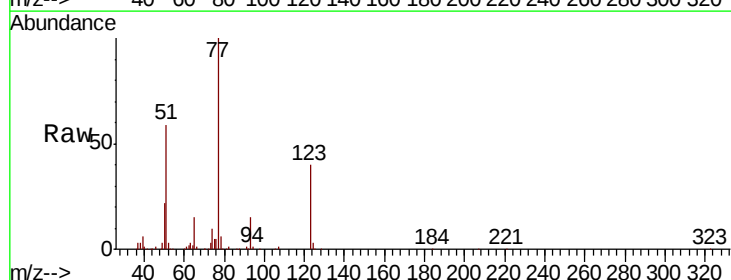
Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

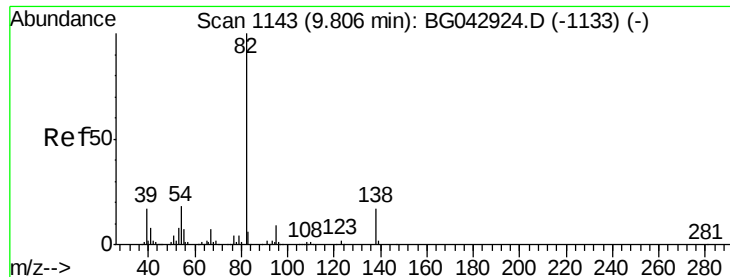
Tot Ion	82	Resp	390144
Ion Ratio	Lower	Upper	
82	100		
128	38.7	29.5	44.3
54	54.8	44.6	67.0



#24
 Nitrobenzene
 Concen: 43.201 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion	77	Resp	241869
Ion Ratio	Lower	Upper	
77	100		
123	40.2	31.9	47.9
65	14.9	12.4	18.6





#25

Isophorone

Concen: 41.537 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

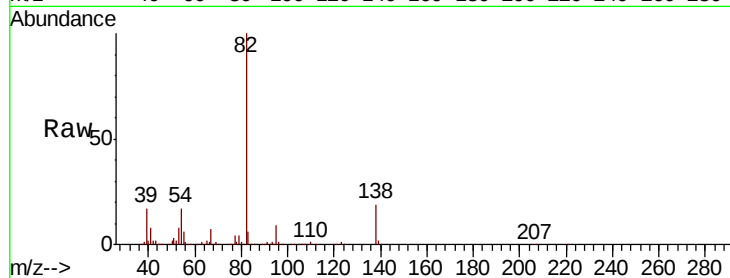
Tot Ion: 82 Resp: 428251

Ion Ratio Lower Upper

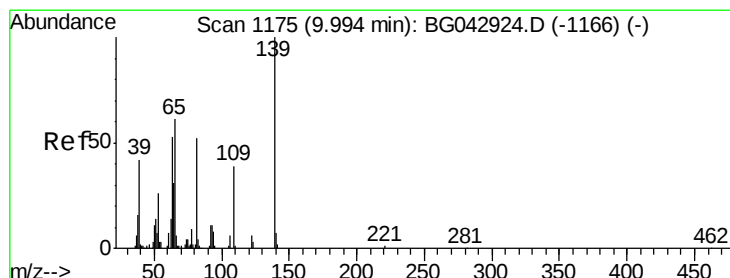
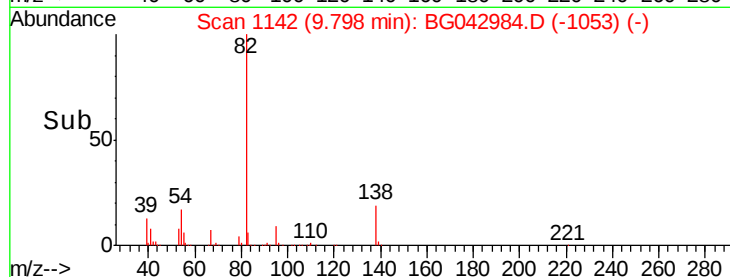
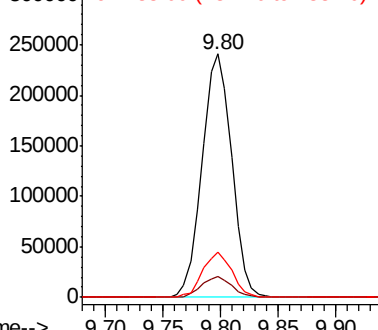
82 100

95 8.8 7.0 10.4

138 18.5 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.893 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

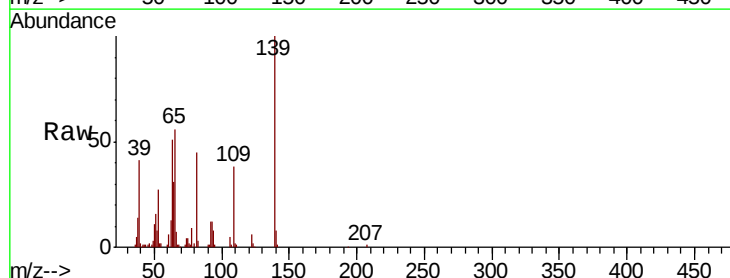
Tgt Ion: 139 Resp: 114145

Ion Ratio Lower Upper

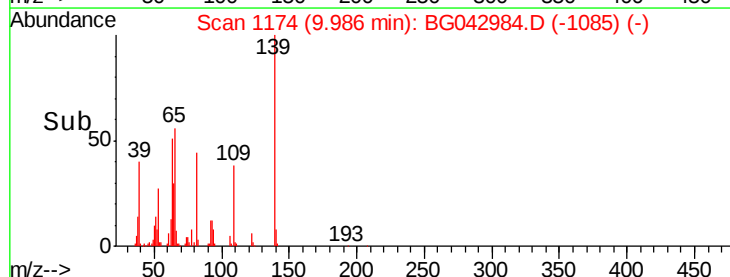
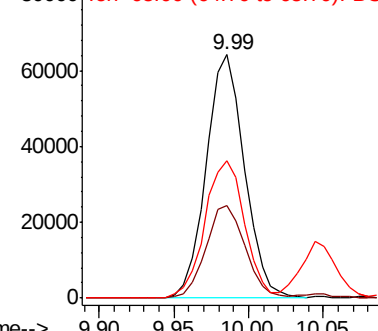
139 100

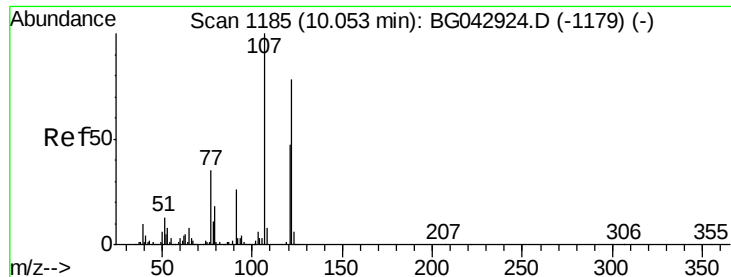
109 37.9 31.0 46.6

65 56.4 48.4 72.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

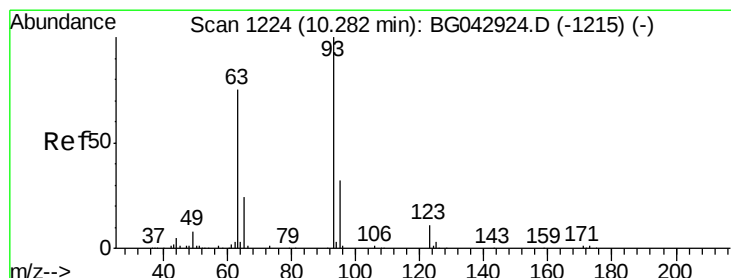
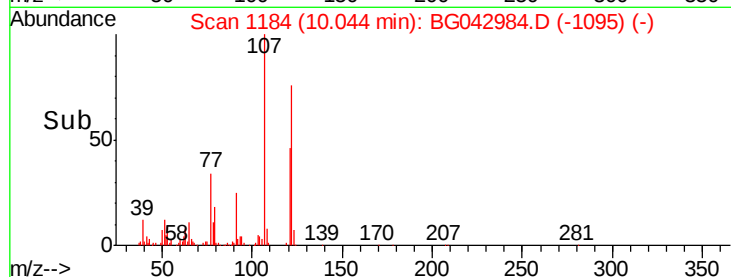
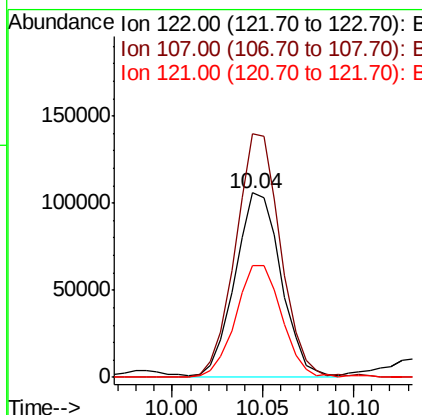
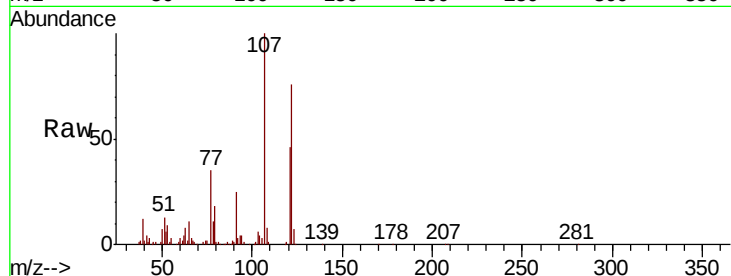




#27
2,4-Dimethylphenol
Concen: 50.798 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

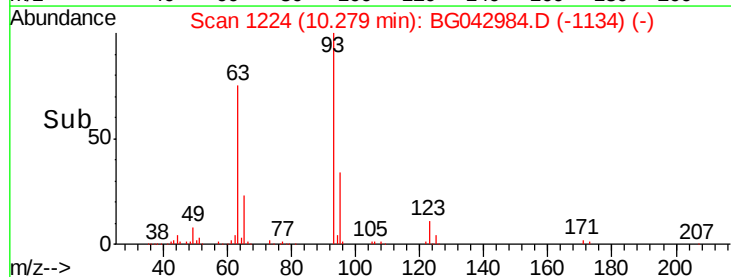
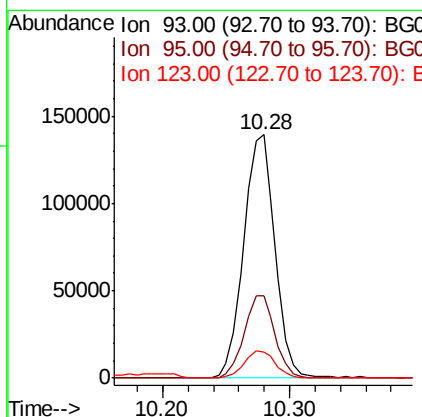
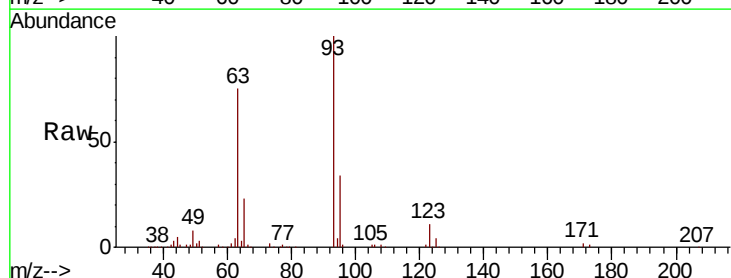
Instrument :
BNA_G
ClientSampleId :
PB123556BS

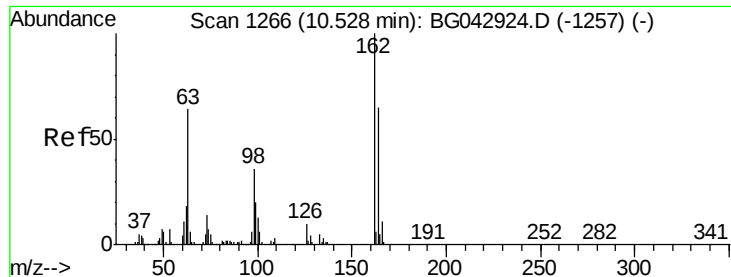
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.0	102.2	153.2
121	60.3	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.753 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.4	38.0
123	10.9	9.3	13.9

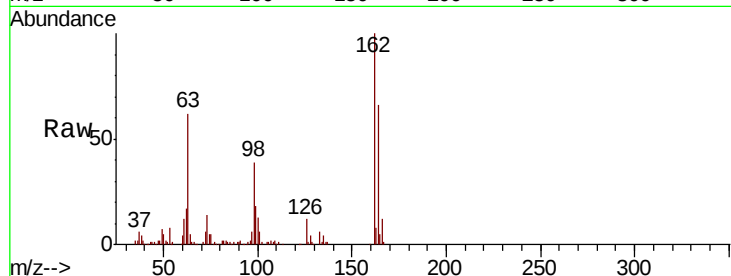




#29
 2,4-Dichlorophenol
 Concen: 46.592 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.7	84.7
98	39.3	16.0	56.0

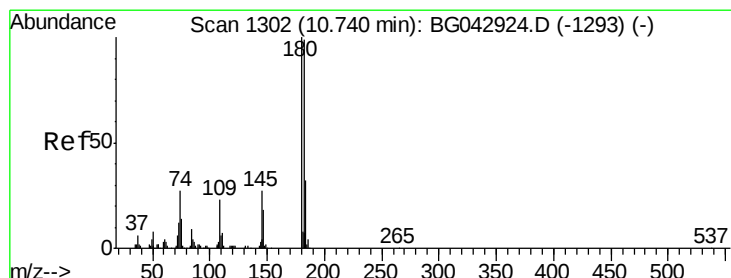
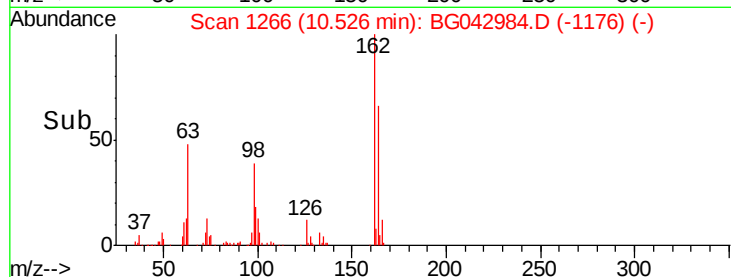
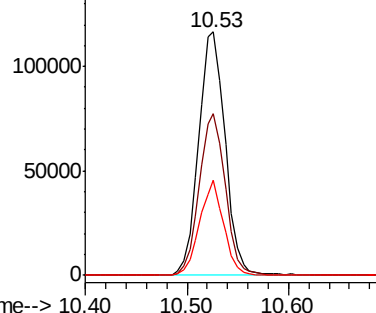


Abundance

Ion 162.00 (161.70 to 162.70): E

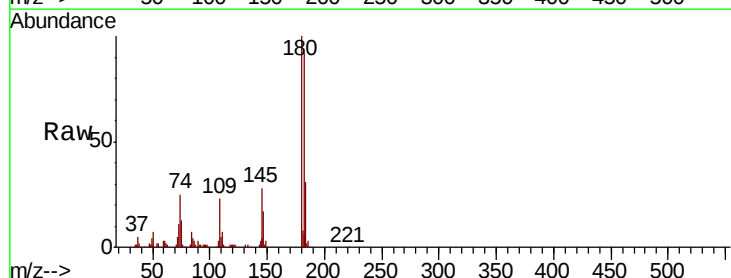
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 41.727 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	79.3	118.9
145	28.2	22.0	33.0

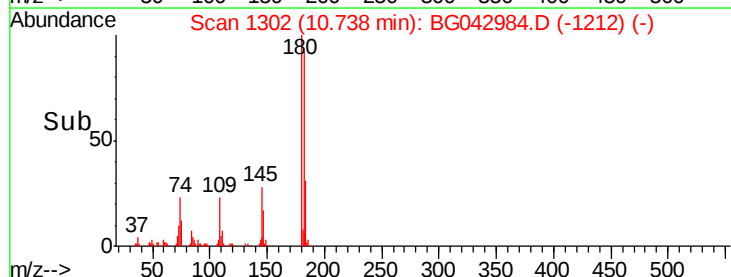
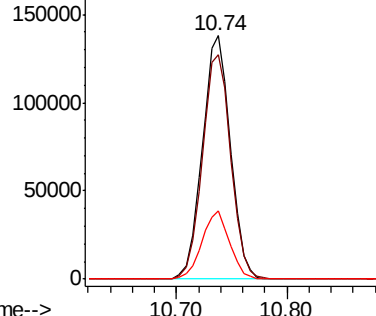


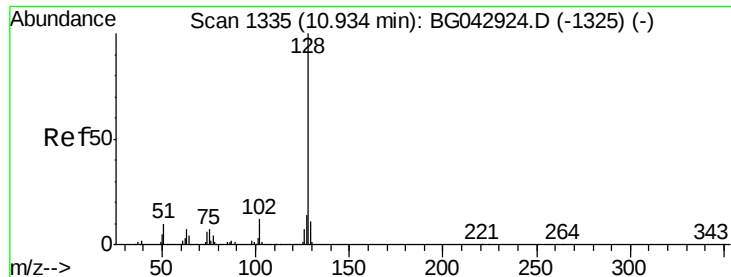
Abundance

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

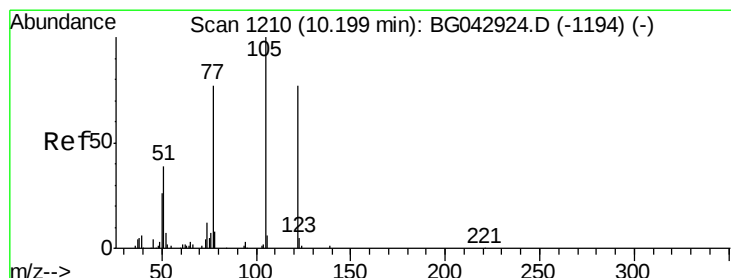
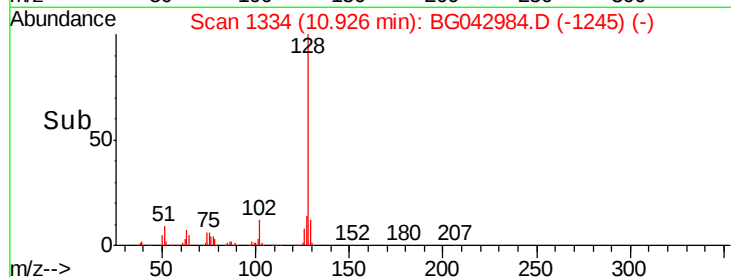
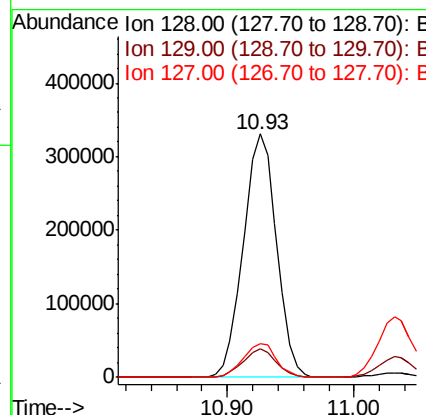
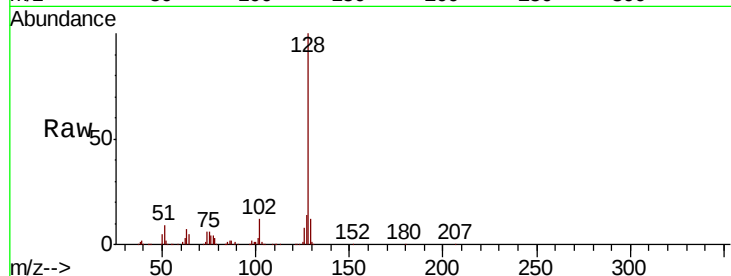




#31
Naphthalene
Concen: 42.880 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

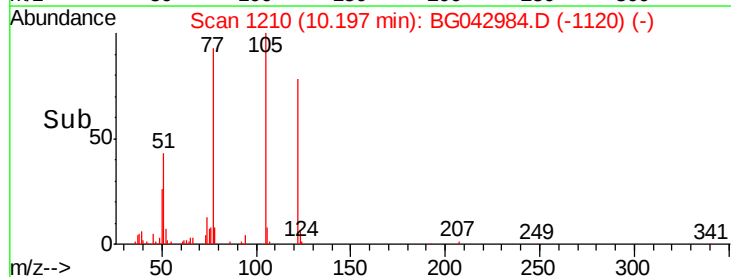
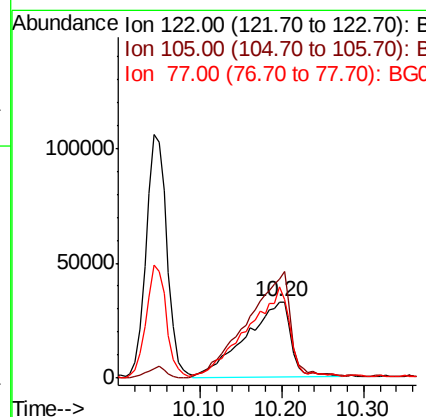
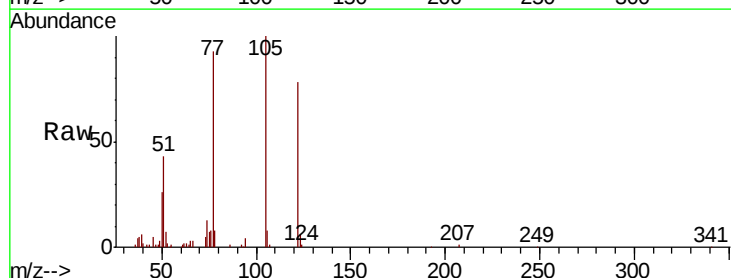
Instrument :
BNA_G
ClientSampleId :
PB123556BS

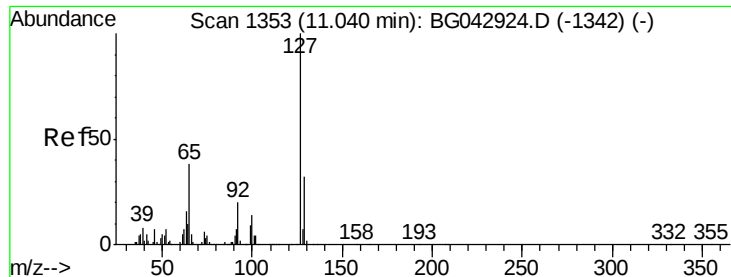
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	14.0	11.3	16.9



#32
Benzoic acid
Concen: 44.511 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.9	107.5	147.5
77	119.6	79.8	119.8

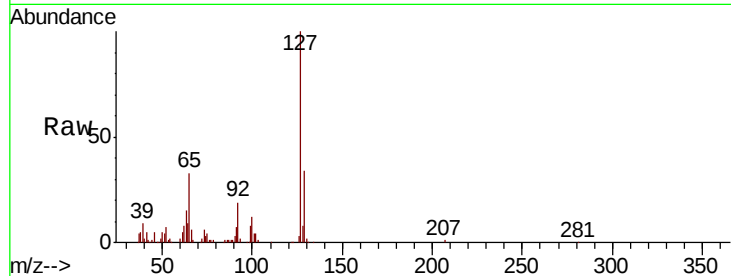




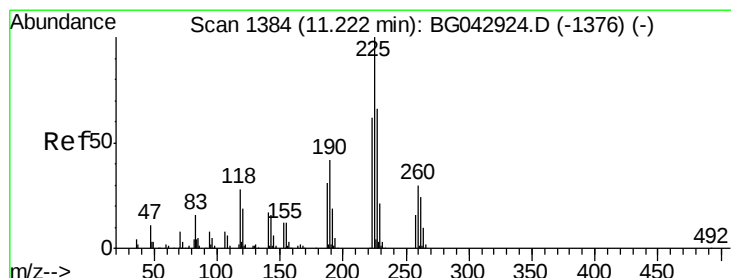
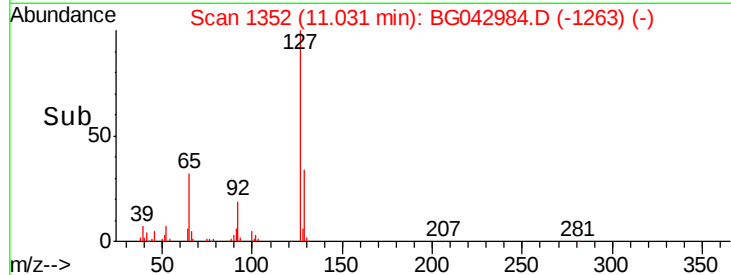
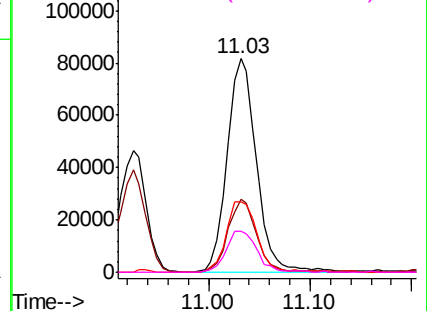
#33
4-Chloroaniline
Concen: 26.933 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Instrument :
BNA_G
ClientSampleId :
PB123556BS

Tot Ion:127	Resp:	164127
Ion Ratio	Lower	Upper
127	100	
129	34.3	26.2 39.2
65	32.7	30.6 45.8
92	19.3	16.2 24.4

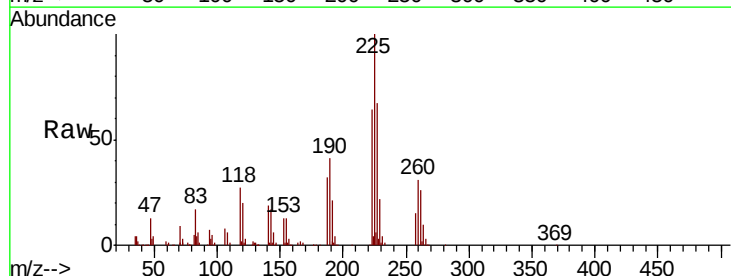


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

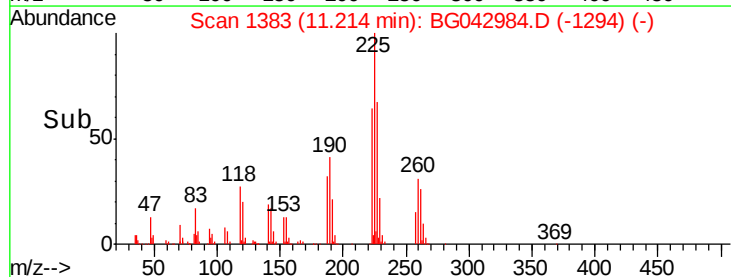
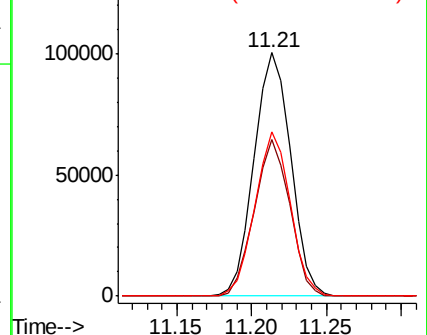


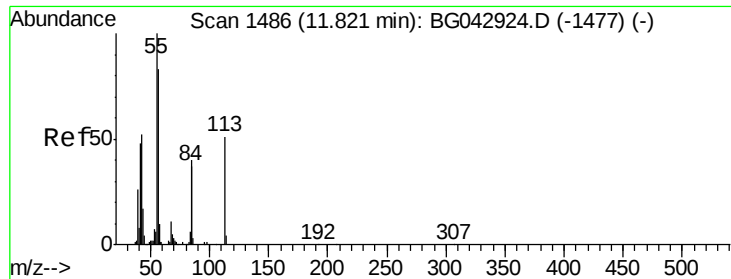
#34
Hexachlorobutadiene
Concen: 38.787 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion:225	Resp:	170722
Ion Ratio	Lower	Upper
225	100	
223	64.4	49.3 73.9
227	67.3	52.8 79.2



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





#35

Caprolactam

Concen: 24.941 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

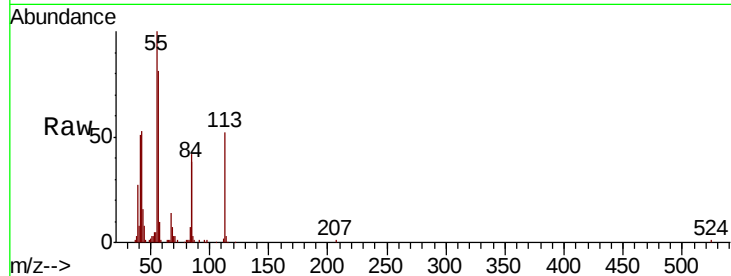
Tot Ion:113 Resp: 40037

Ion Ratio Lower Upper

113 100

55 191.2 175.5 215.5

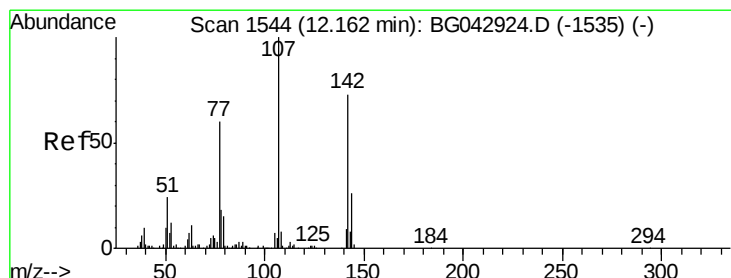
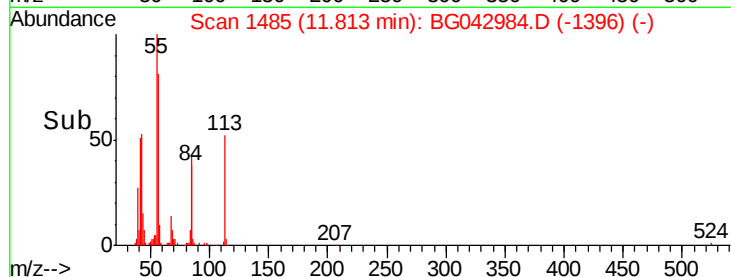
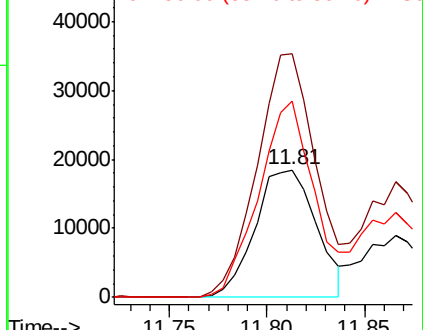
56 154.3 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.493 ng

RT: 12.15 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

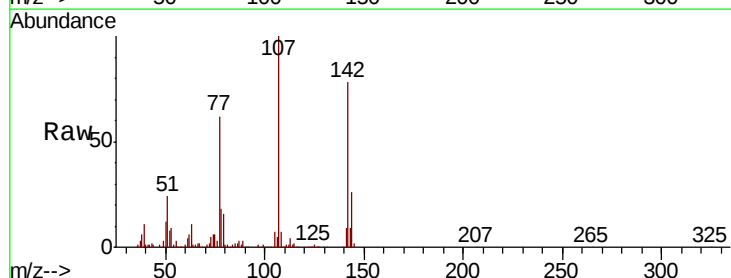
Tgt Ion:107 Resp: 225166

Ion Ratio Lower Upper

107 100

144 25.8 20.7 31.1

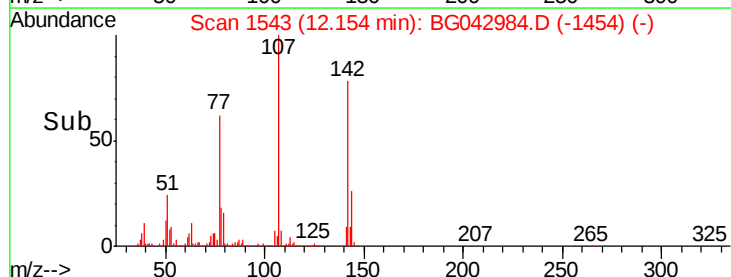
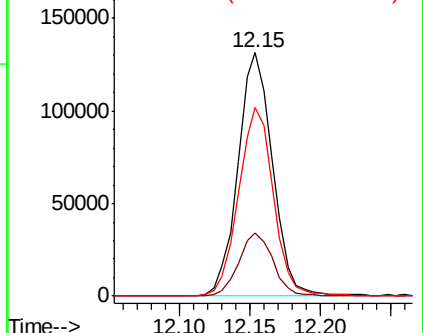
142 77.6 58.6 87.8

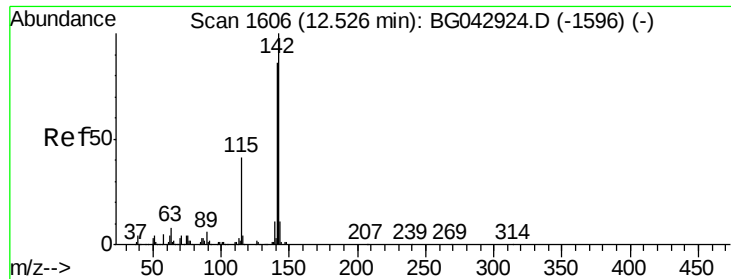


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

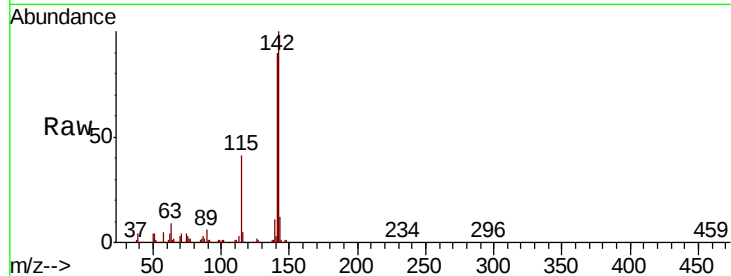




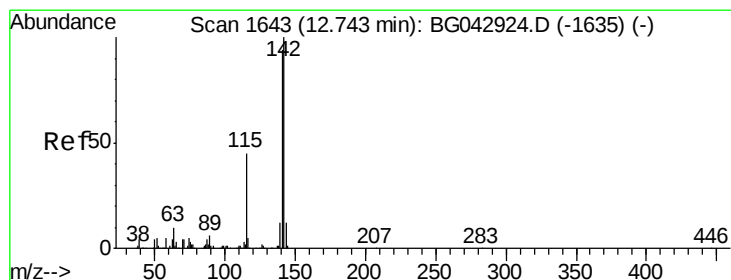
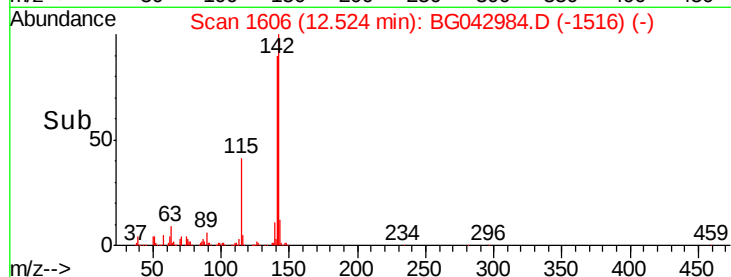
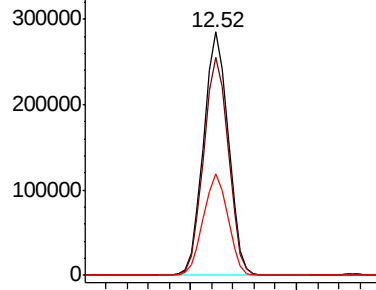
#37
 2-Methylnaphthalene
 Concen: 43.165 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.0	103.4
115	41.5	32.8	49.2

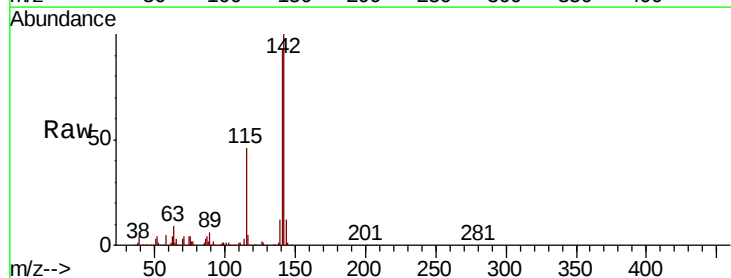


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

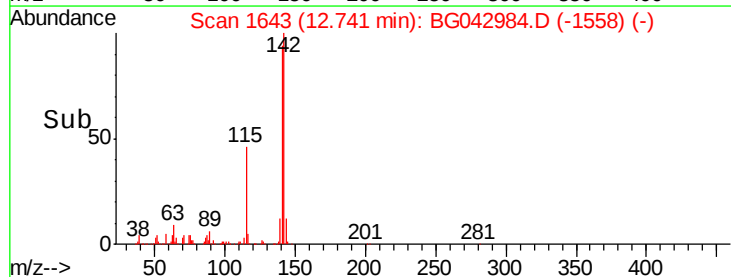
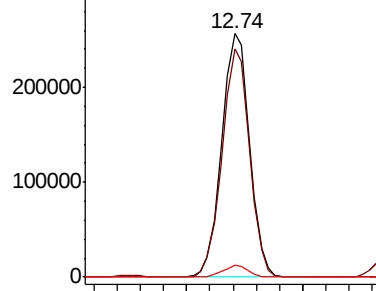


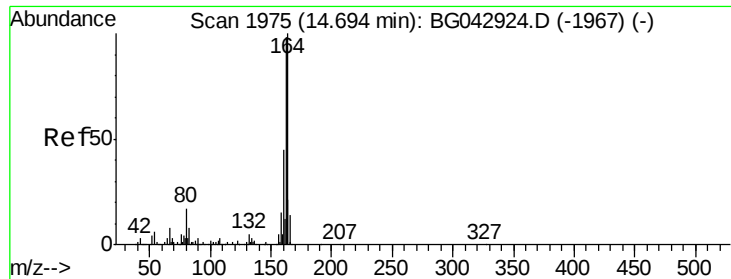
#38
 1-Methylnaphthalene
 Concen: 42.564 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.9	112.3
116	4.7	3.7	5.5



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

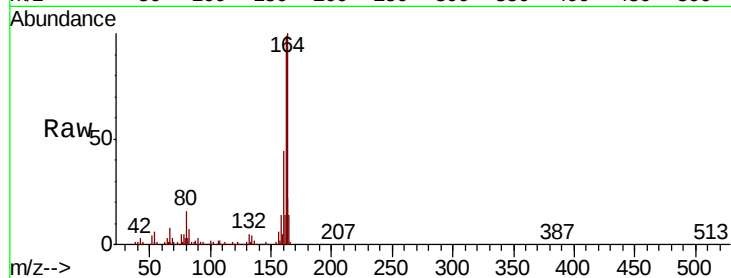
Tot Ion:164 Resp: 206176

Ion Ratio Lower Upper

164 100

162 98.9 78.5 117.7

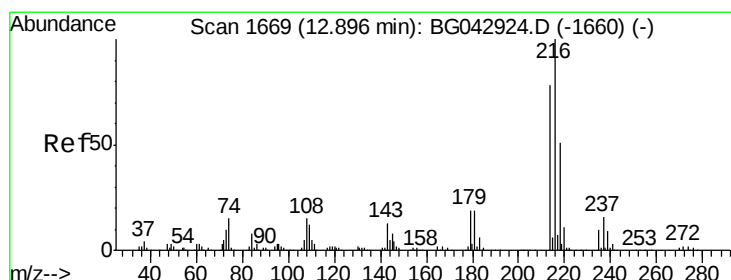
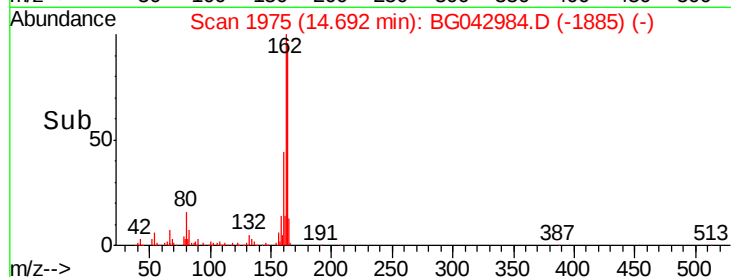
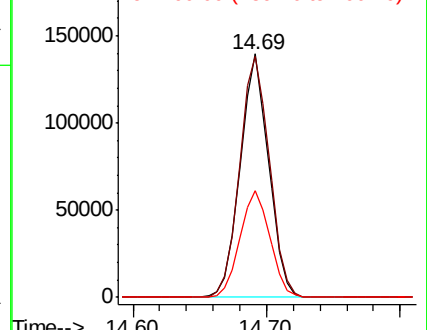
160 43.6 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.995 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Tgt Ion:216 Resp: 310040

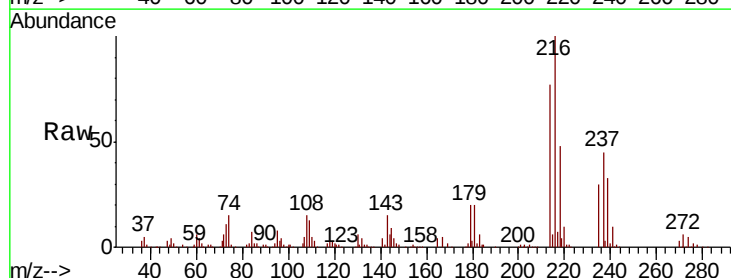
Ion Ratio Lower Upper

216 100

214 78.6 62.4 93.6

179 19.3 15.4 23.2

108 16.7 12.6 19.0

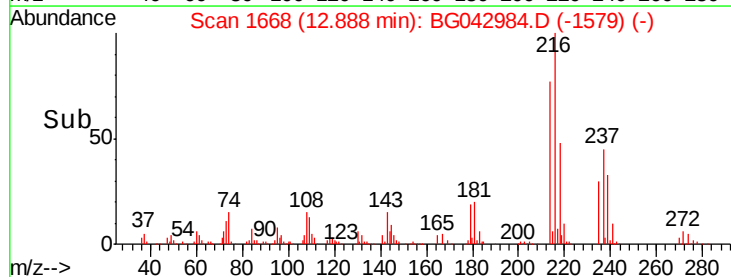
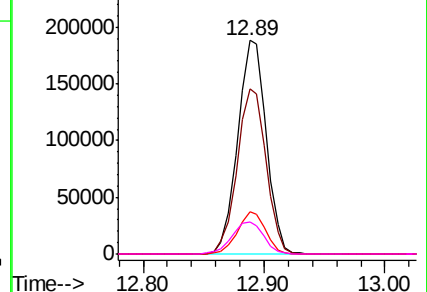


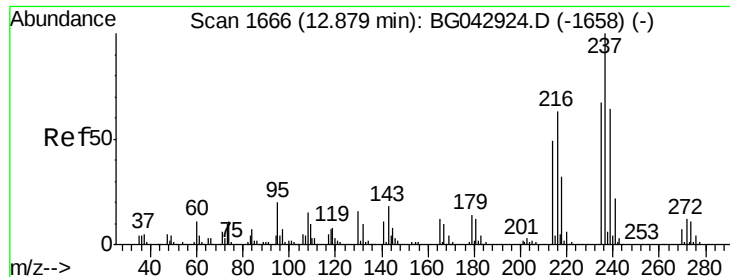
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 66.947 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

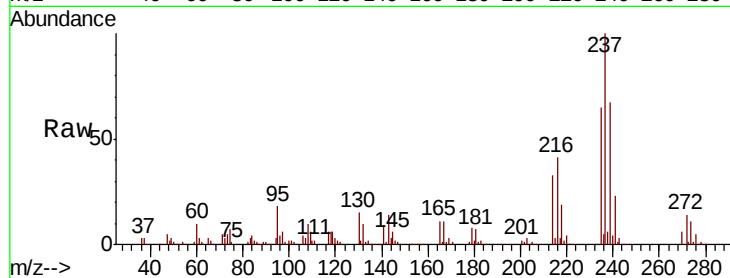
Tot Ion:237 Resp: 330669

Ion Ratio Lower Upper

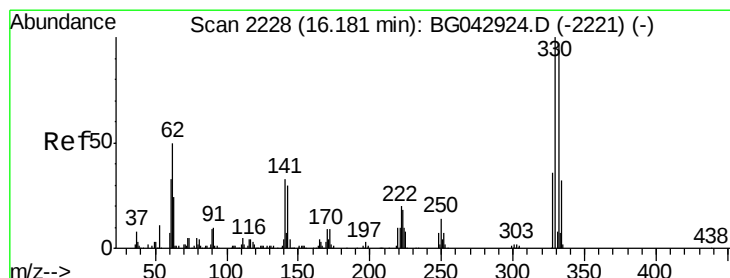
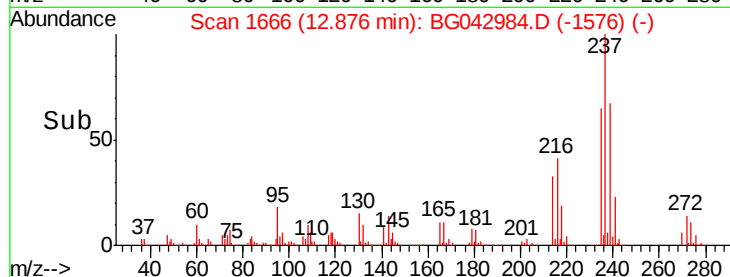
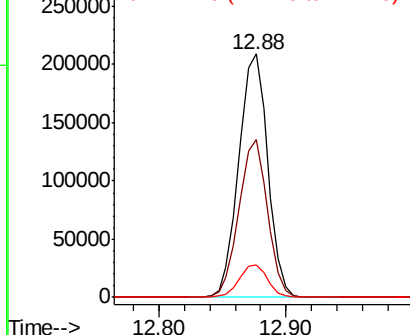
237 100

235 64.8 46.7 86.7

272 13.5 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 111.974 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

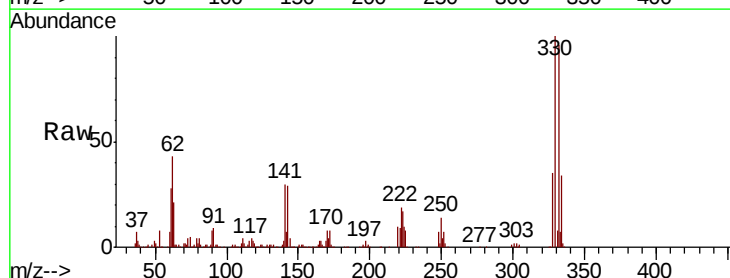
Tgt Ion:330 Resp: 396985

Ion Ratio Lower Upper

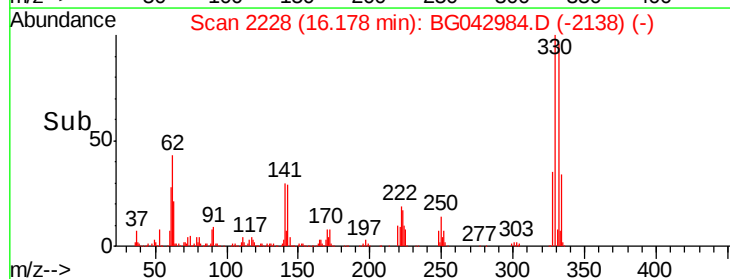
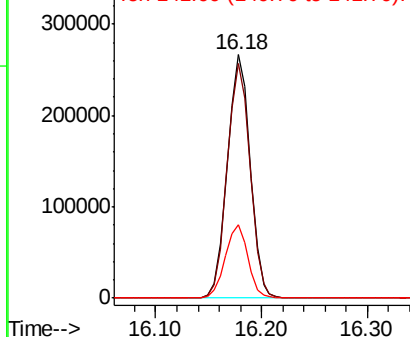
330 100

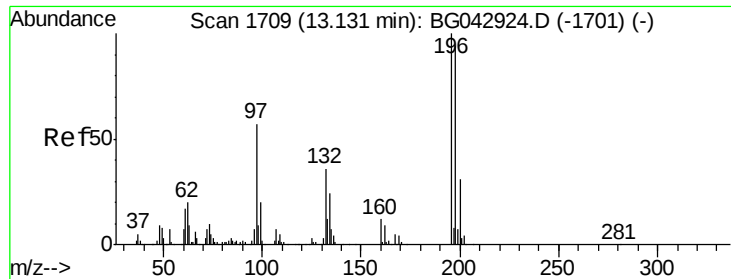
332 97.1 78.2 117.2

141 29.8 26.0 39.0



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

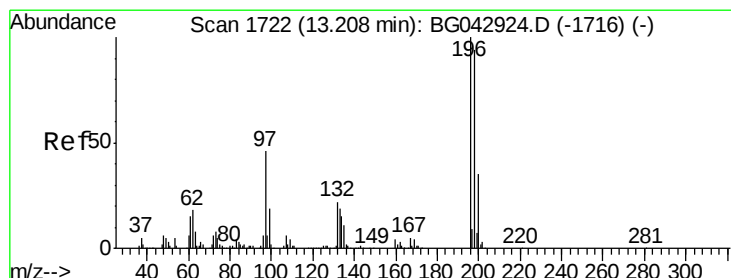
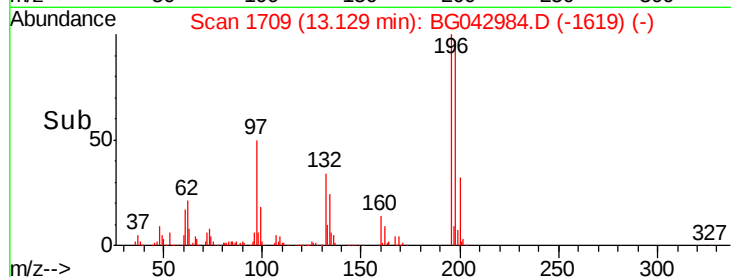
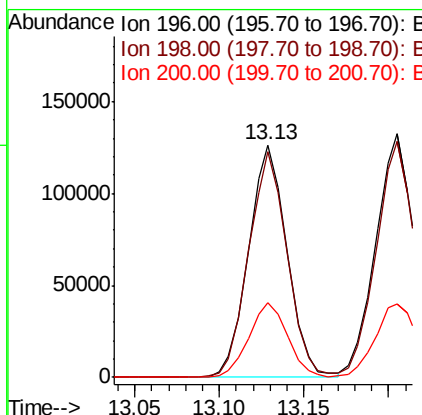
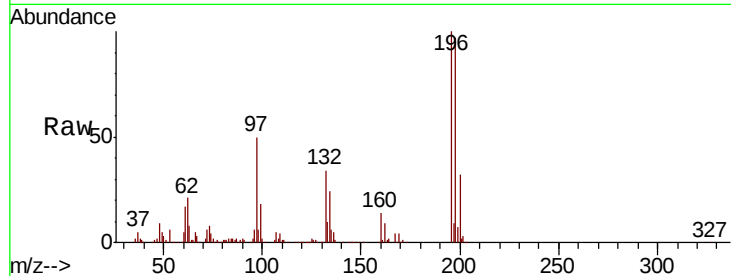




#43
 2,4,6-Trichlorophenol
 Concen: 43.944 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

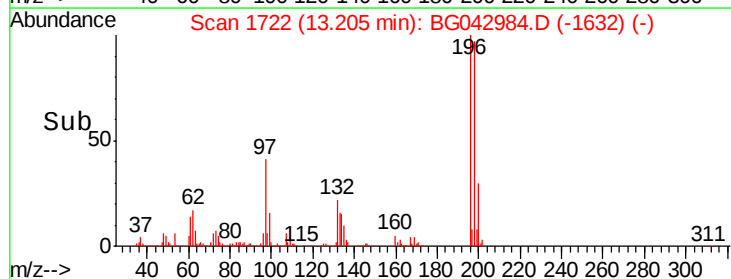
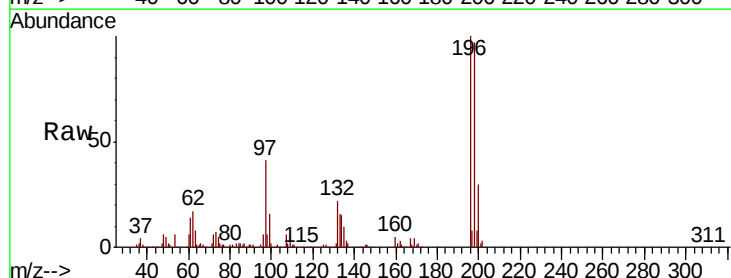
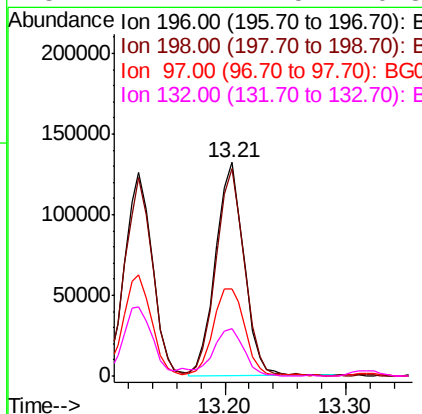
Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

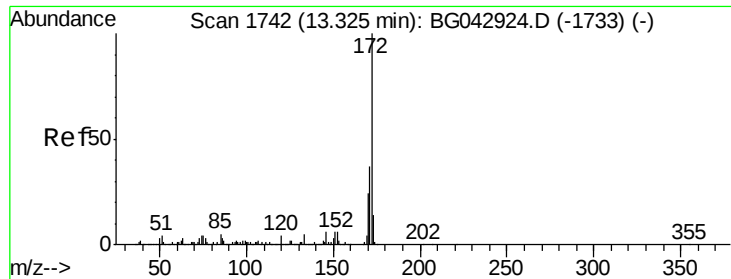
Tot Ion	196	Resp	199389
Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.5	113.3
200	32.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.059 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion	196	Resp	215288
Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.1	112.7
97	40.9	37.0	55.4
132	22.2	17.5	26.3

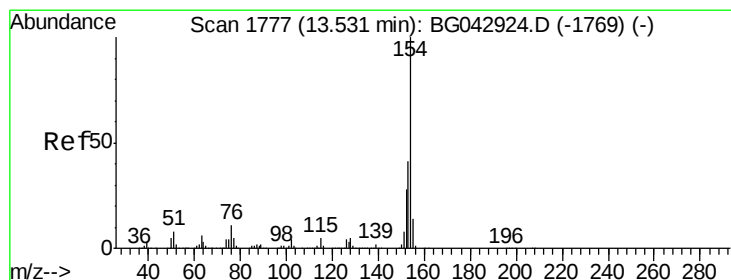
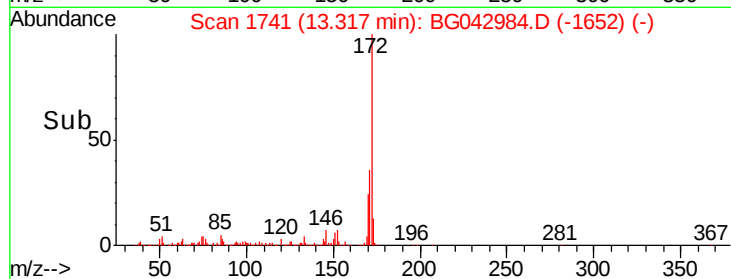
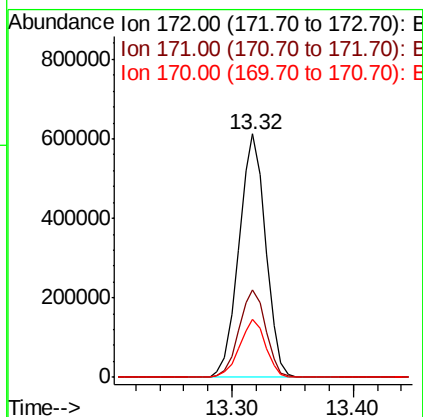
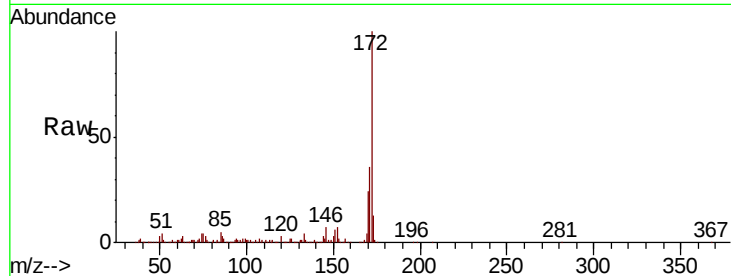




#45
 2-Fluorobiphenyl
 Concen: 66.304 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

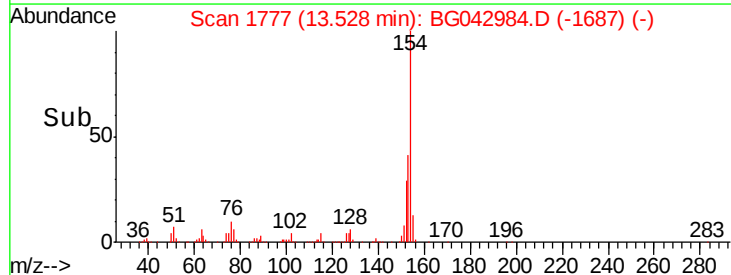
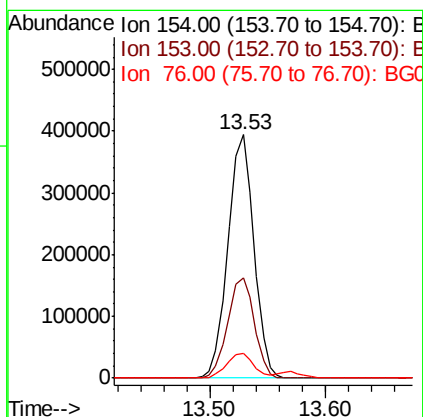
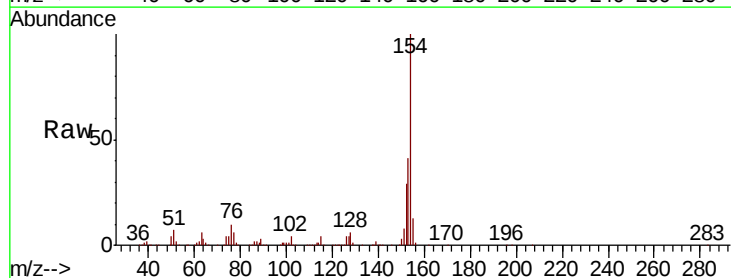
Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

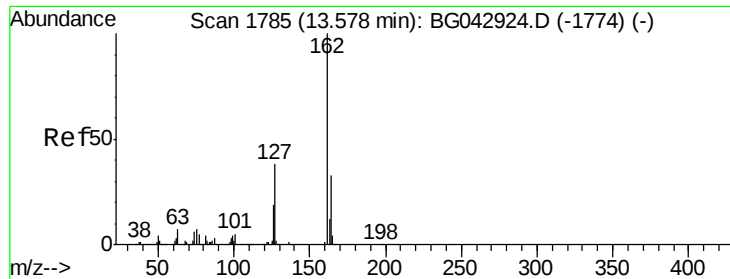
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.9	19.6	29.4



#46
 1,1'-Biphenyl
 Concen: 39.244 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.4	61.4
76	10.2	0.0	31.3

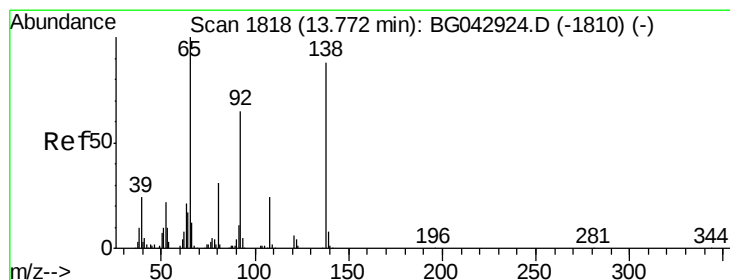
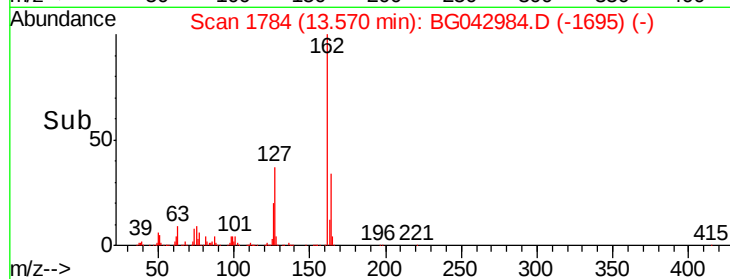
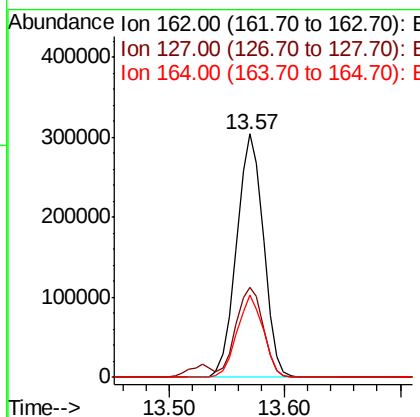
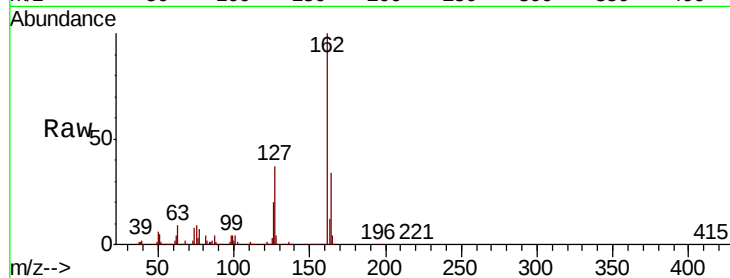




#47
 2-Chloronaphthalene
 Concen: 41.675 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

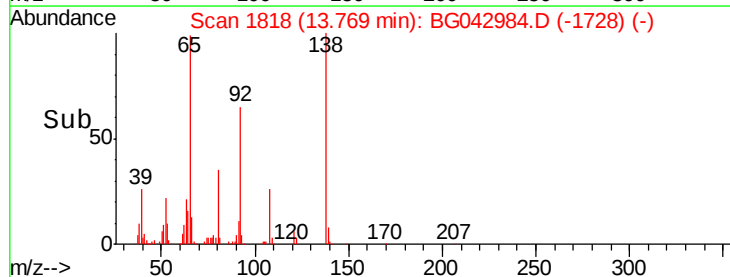
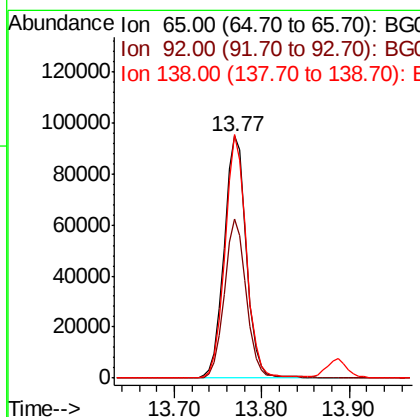
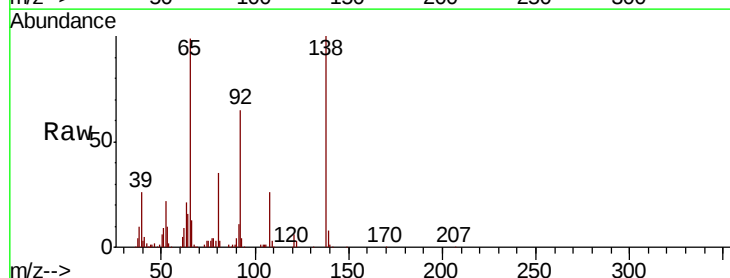
Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

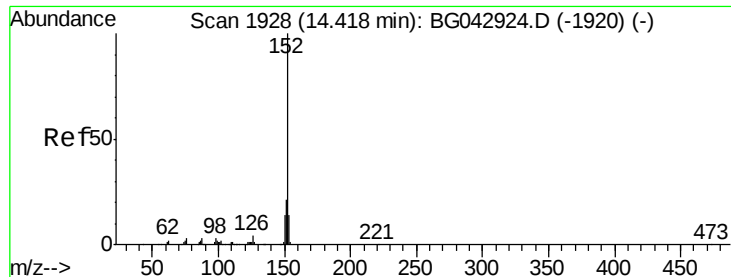
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	31.0	46.6
164	33.6	26.2	39.2



#48
 2-Nitroaniline
 Concen: 42.545 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	52.0	78.0
138	100.6	70.4	105.6





#49

Acenaphthylene

Concen: 43.563 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

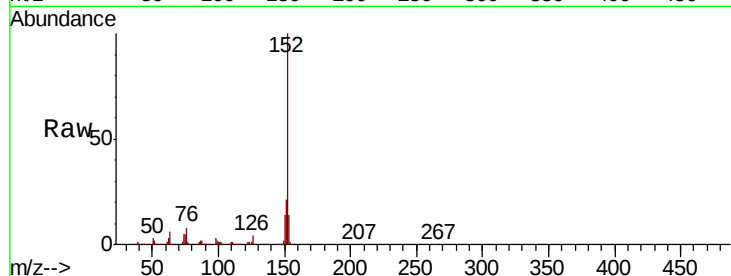
Tot Ion:152 Resp: 781399

Ion Ratio Lower Upper

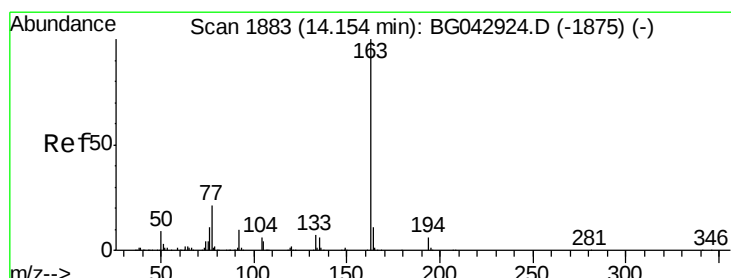
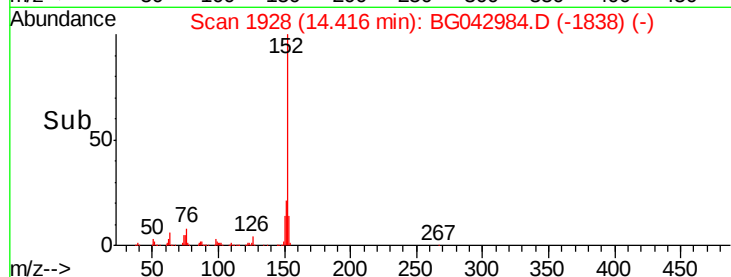
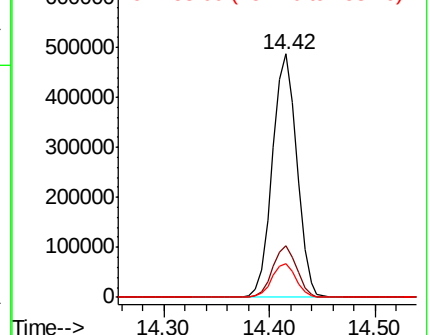
152 100

151 21.3 16.8 25.2

153 13.8 11.3 16.9



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



#50

Dimethylphthalate

Concen: 40.306 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

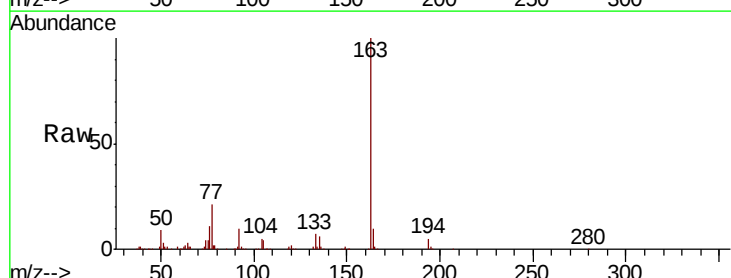
Tgt Ion:163 Resp: 622643

Ion Ratio Lower Upper

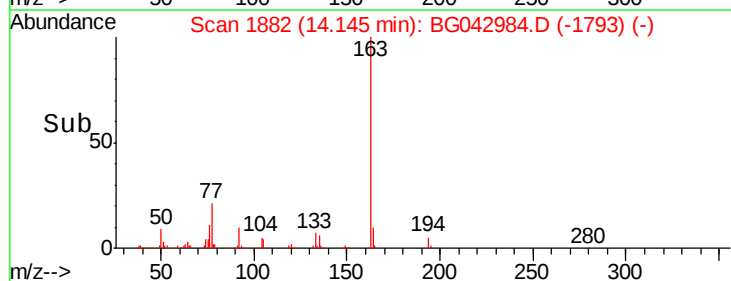
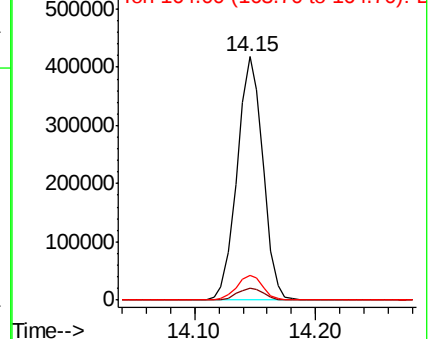
163 100

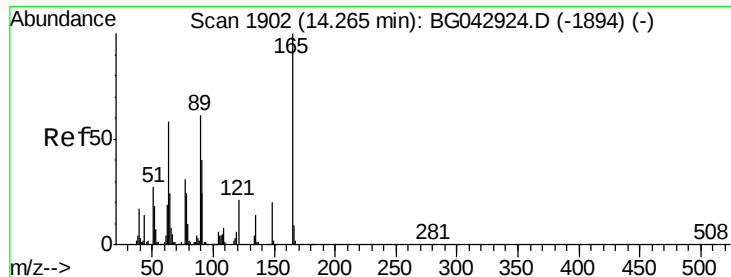
194 4.7 4.4 6.6

164 10.1 8.6 12.8



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

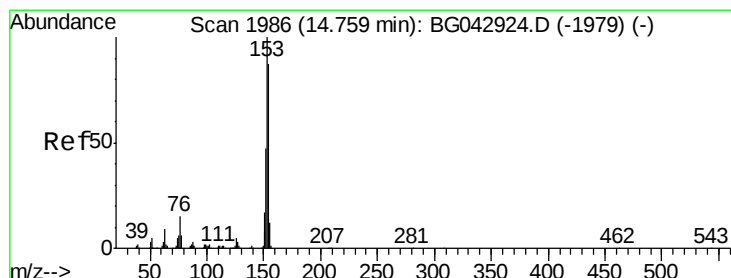
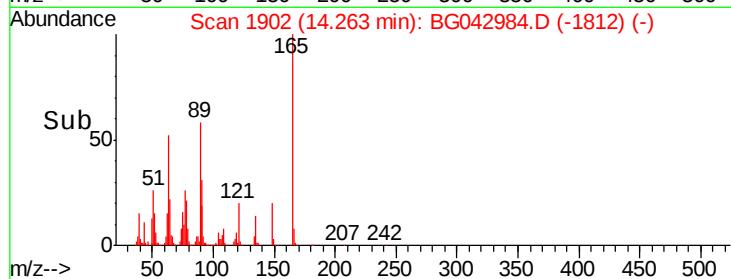
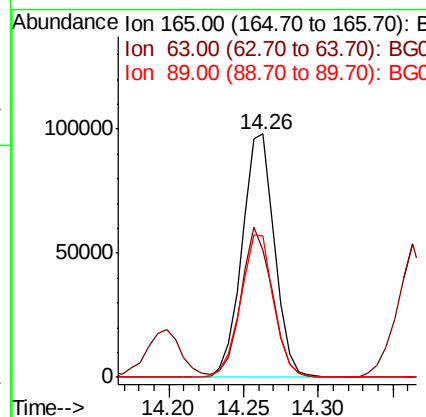
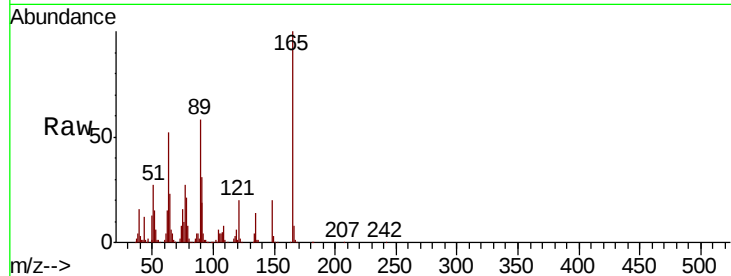




#51
 2,6-Dinitrotoluene
 Concen: 44.897 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

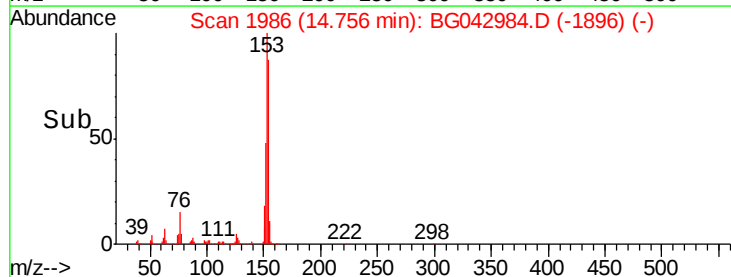
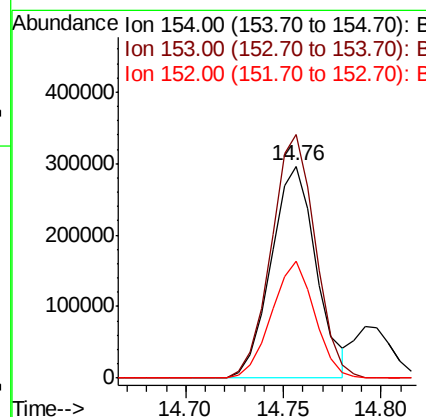
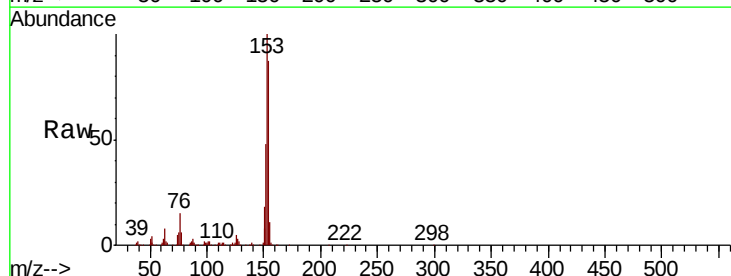
Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

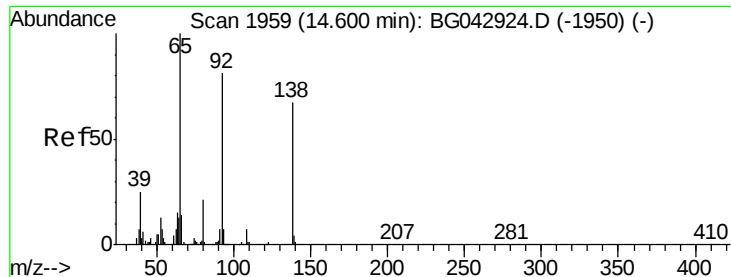
Tot Ion:165 Resp: 147702
 Ion Ratio Lower Upper
 165 100
 63 52.3 50.3 75.5
 89 58.1 48.9 73.3



#52
 Acenaphthene
 Concen: 39.435 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion:154 Resp: 473466
 Ion Ratio Lower Upper
 154 100
 153 114.8 91.4 137.0
 152 55.0 42.8 64.2





#53

3-Nitroaniline

Concen: 33.408 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

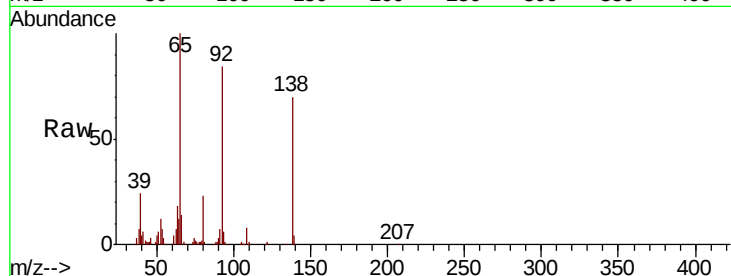
Tot Ion:138 Resp: 113581

Ion Ratio Lower Upper

138 100

108 10.9 7.9 11.9

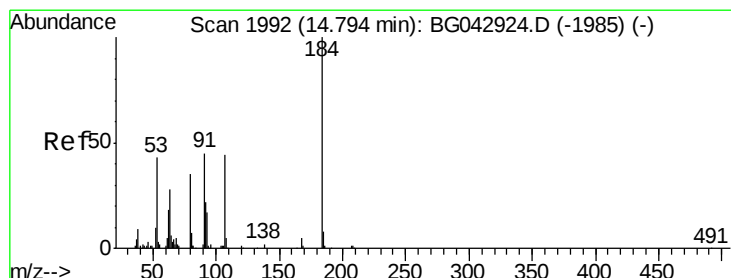
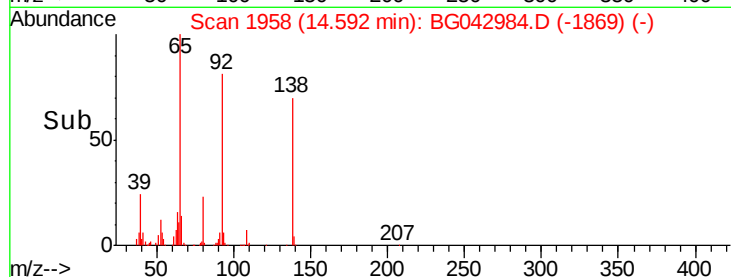
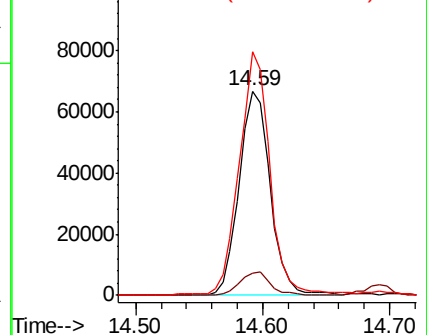
92 119.1 97.0 145.6



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): BGC



#54

2,4-Dinitrophenol

Concen: 87.407 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

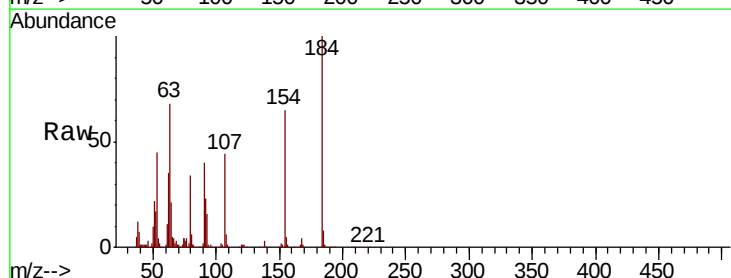
Tgt Ion:184 Resp: 178735

Ion Ratio Lower Upper

184 100

63 67.7 55.0 82.6

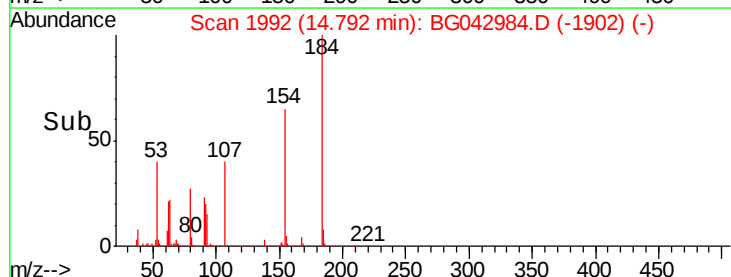
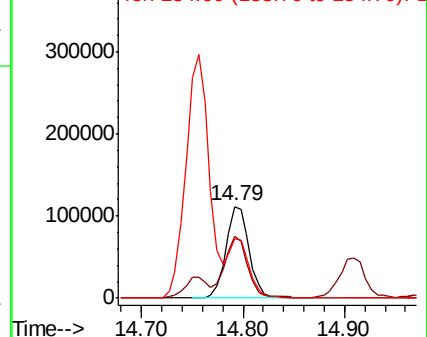
154 65.2 56.5 84.7

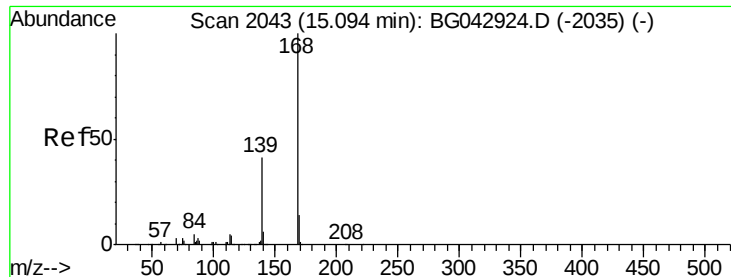


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

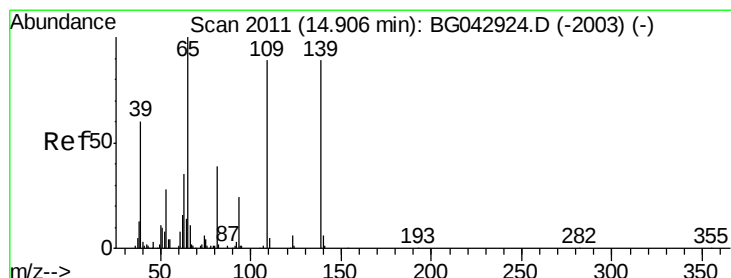
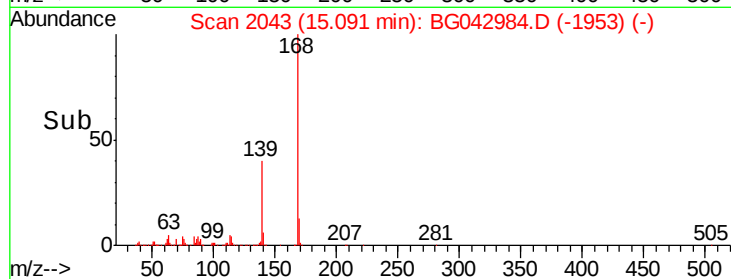
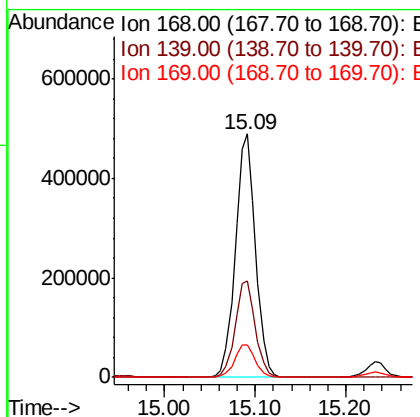
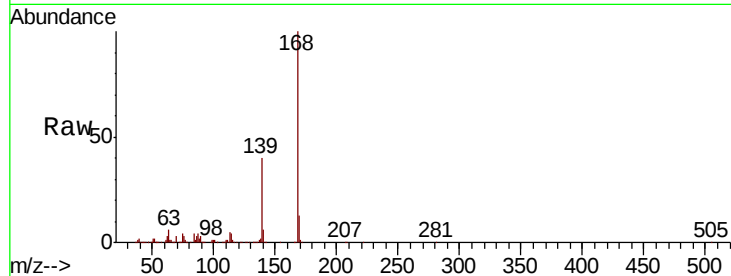




#55
Dibenzenofuran
Concen: 42.334 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

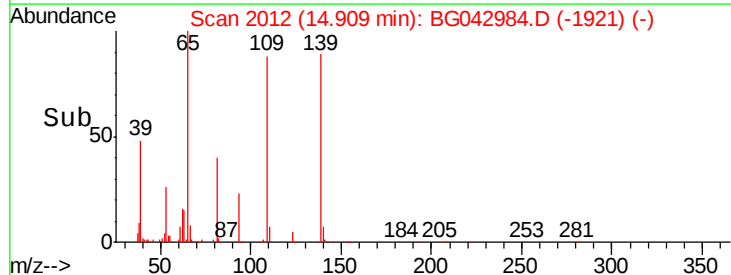
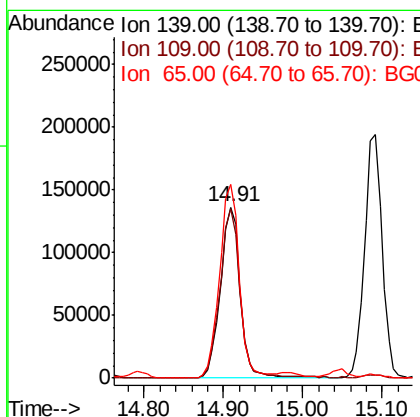
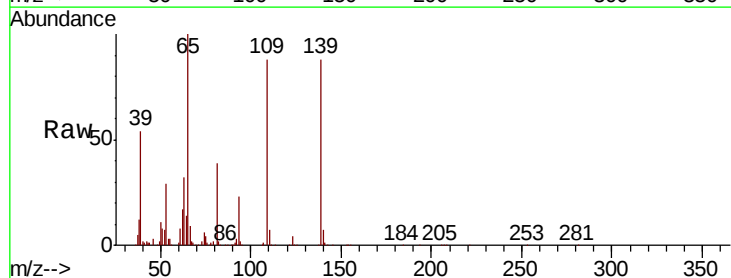
Instrument :
BNA_G
ClientSampleId :
PB123556BS

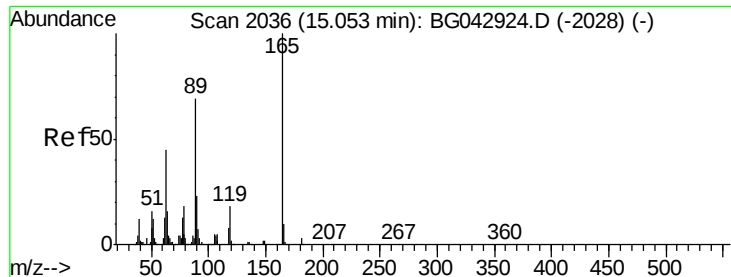
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.6	48.8
169	13.4	11.2	16.8



#56
4-Nitrophenol
Concen: 92.479 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.3	79.4	119.4
65	113.1	92.5	132.5

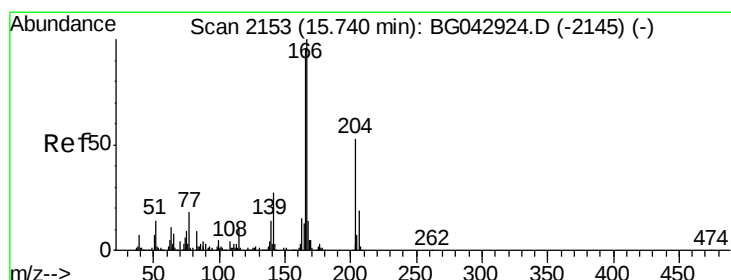
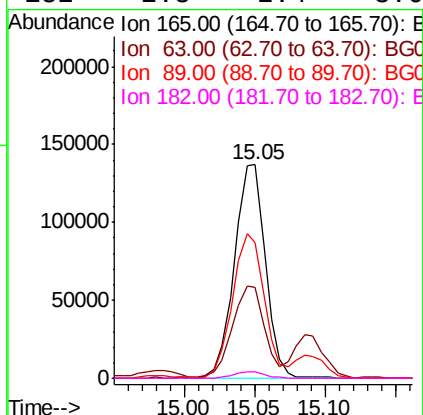
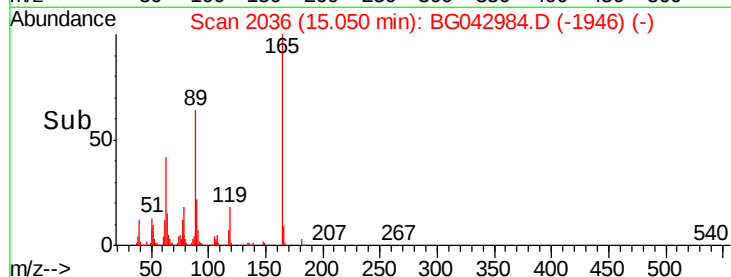
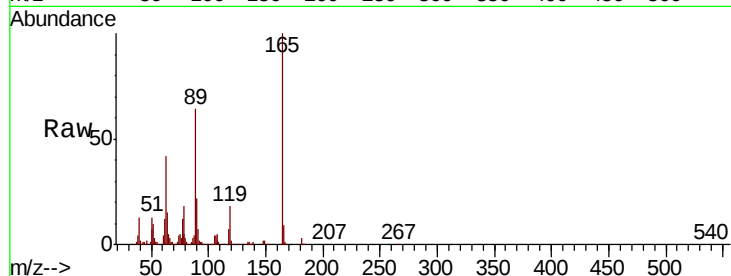




#57
2,4-Dinitrotoluene
Concen: 43.432 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

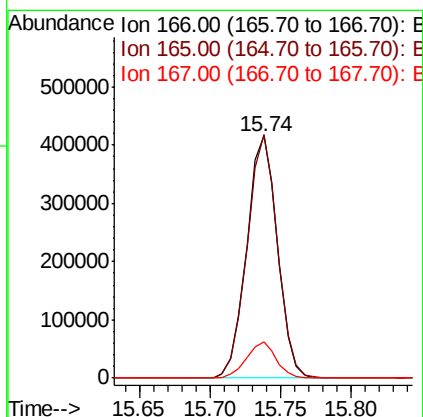
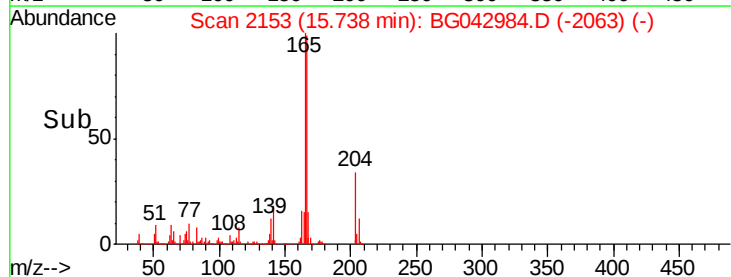
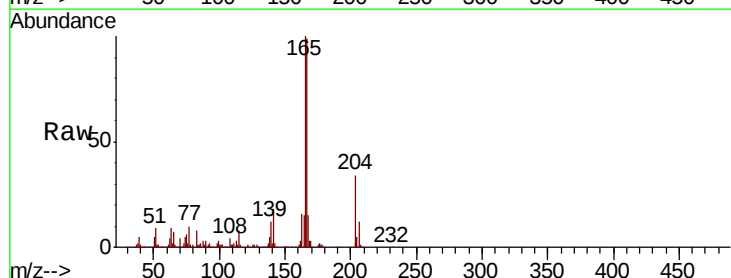
Instrument :
BNA_G
ClientSampleId :
PB123556BS

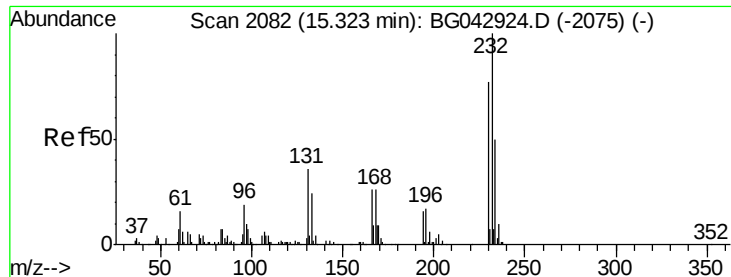
Tot Ion:165 Resp: 209233
Ion Ratio Lower Upper
165 100
63 42.5 36.5 54.7
89 63.5 55.5 83.3
182 2.8 2.4 3.6



#58
Fluorene
Concen: 41.970 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion:166 Resp: 636402
Ion Ratio Lower Upper
166 100
165 100.6 77.1 115.7
167 14.8 11.0 16.6

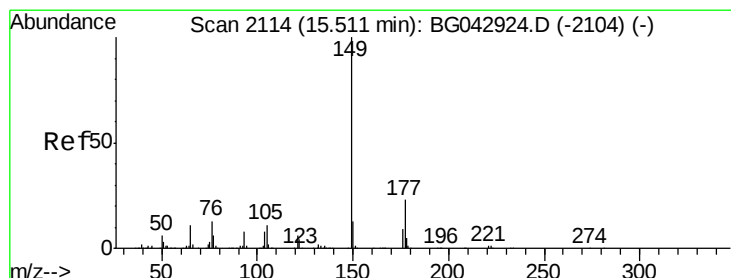
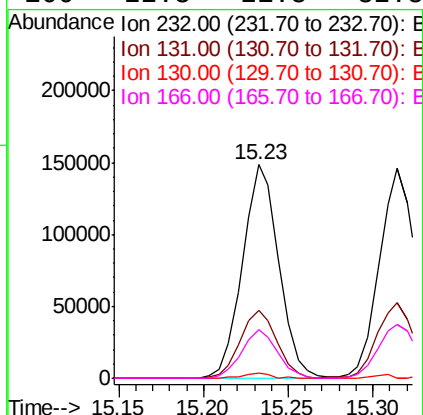
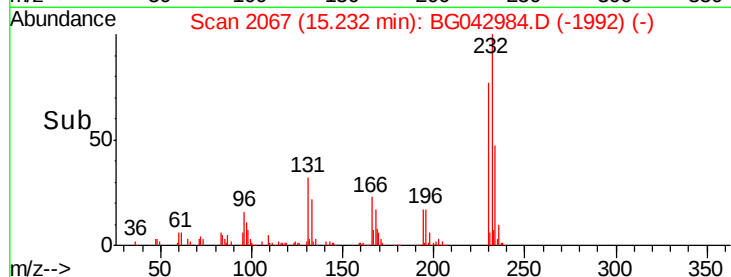
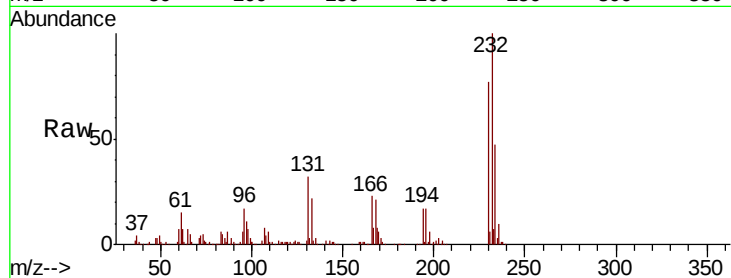




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.720 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.09 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

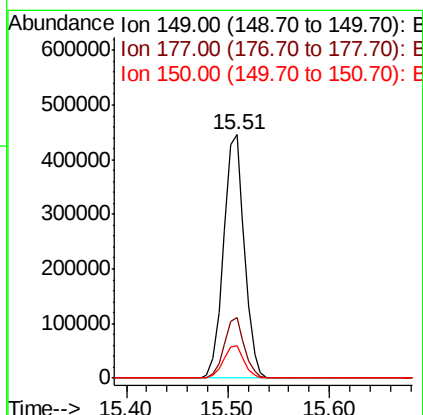
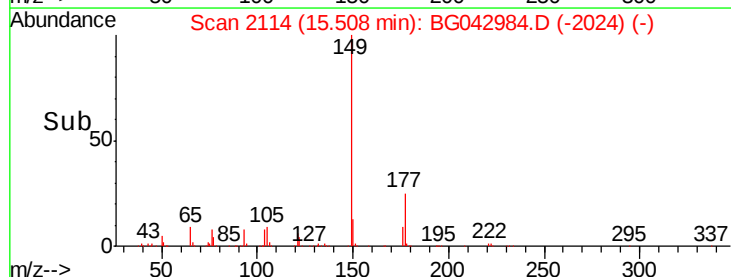
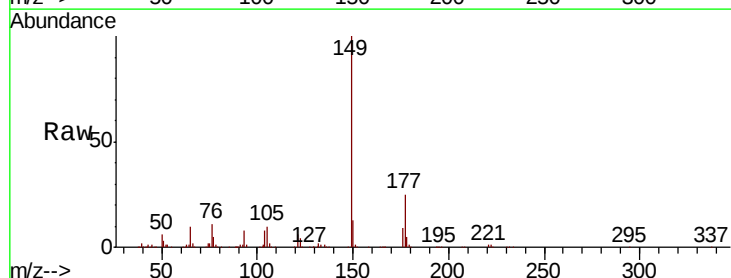
Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

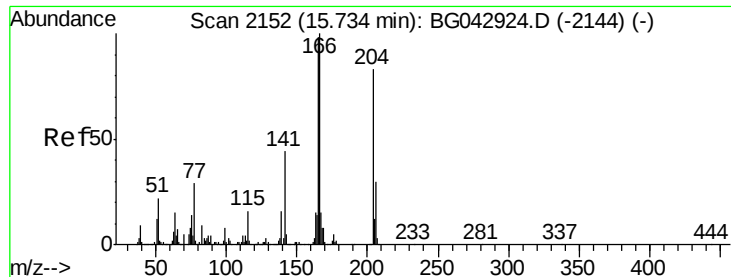
Tot Ion:232	Resp:	222559
Ion	Ratio	Lower Upper
232	100	
131	31.8	29.6 44.4
130	2.0	1.9 2.9
166	22.3	21.8 32.8



#60
 Diethylphthalate
 Concen: 40.132 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion:149	Resp:	630940
Ion	Ratio	Lower Upper
149	100	
177	25.0	18.8 28.2
150	13.1	10.6 15.8

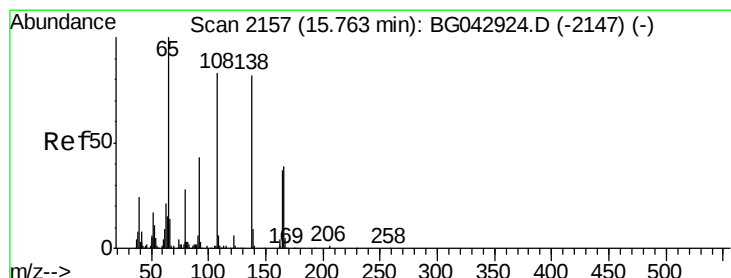
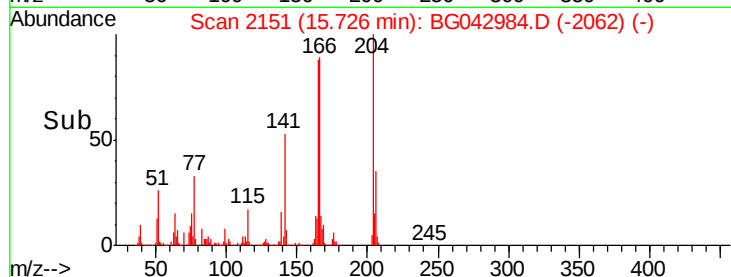
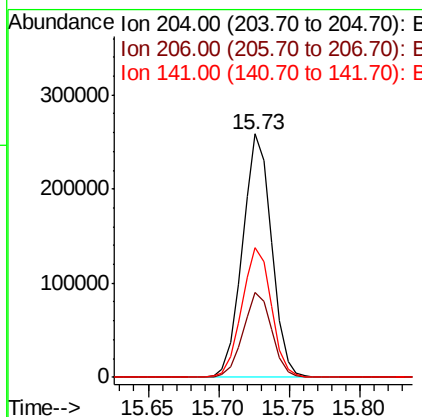
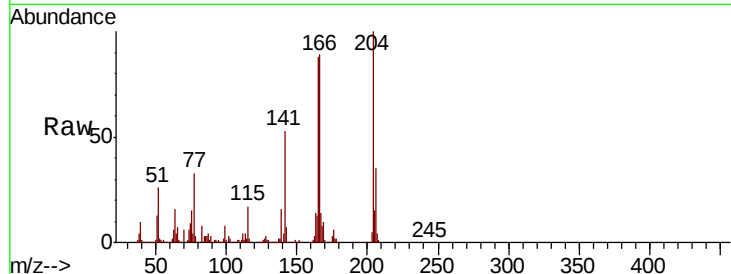




#61
 4-Chlorophenyl-phenylether
 Concen: 40.840 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

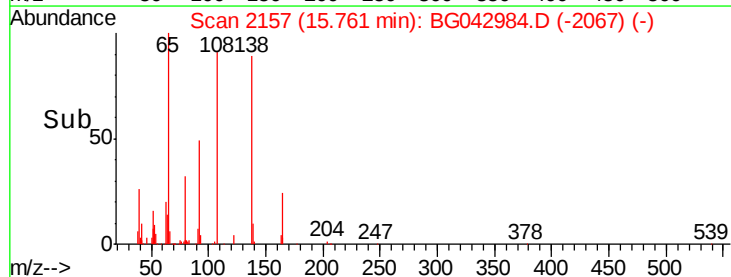
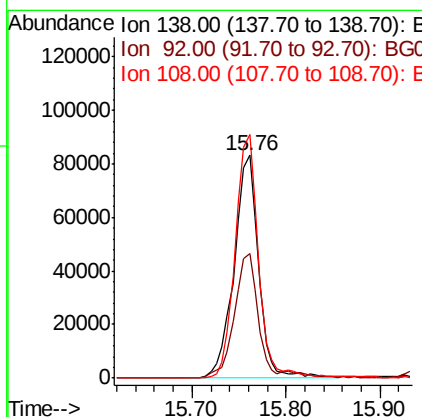
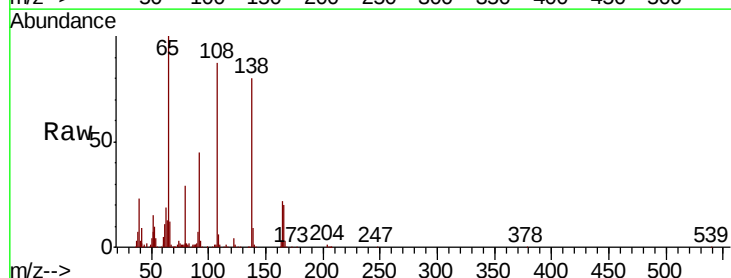
Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

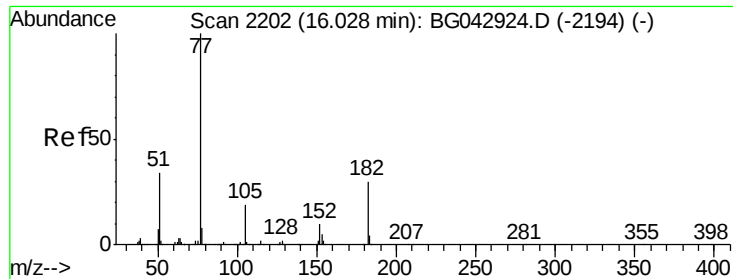
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	53.4	42.4	63.6



#62
 4-Nitroaniline
 Concen: 40.780 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.9	32.9	72.9
108	109.3	81.3	121.3





#63

Azobenzene

Concen: 40.721 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

Tot Ion: 77 Resp: 582852

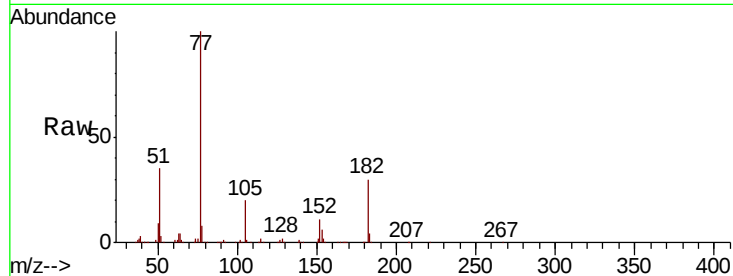
Ion Ratio Lower Upper

77 100

182 30.5 10.2 50.2

105 20.4 0.0 39.1

51 34.5 13.9 53.9

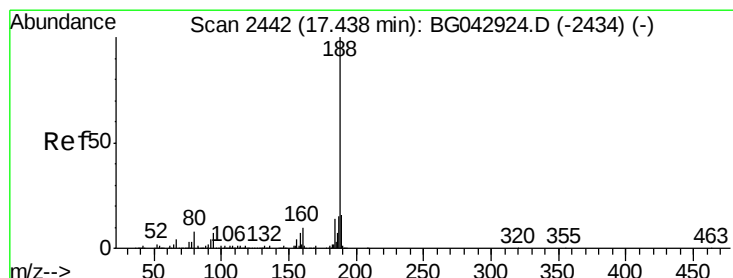
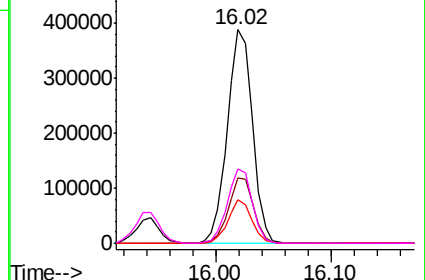
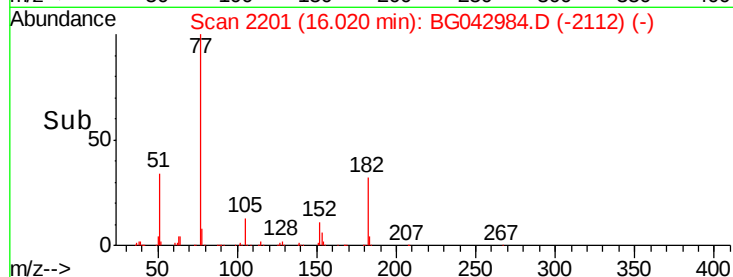


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

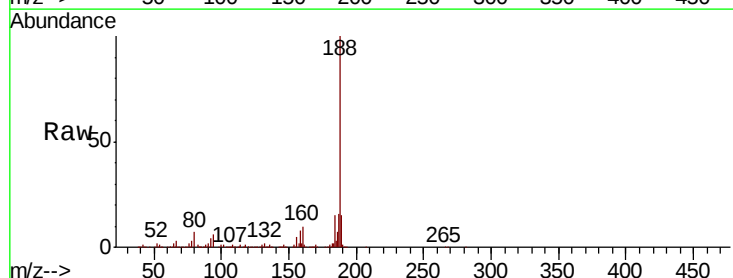
Tgt Ion: 188 Resp: 488235

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

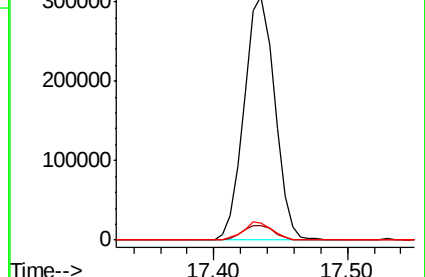
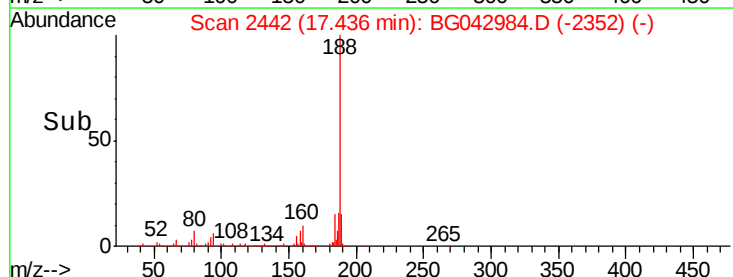
80 7.1 6.5 9.7

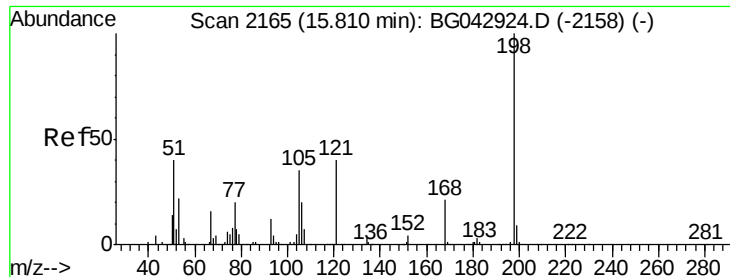


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

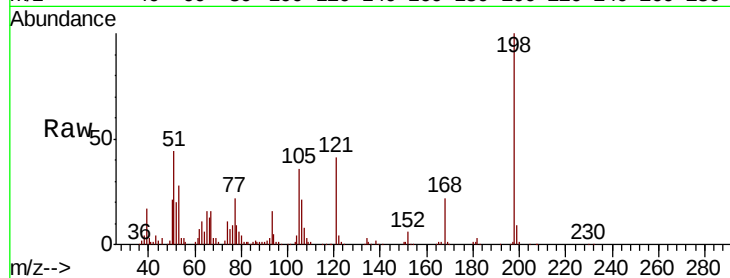




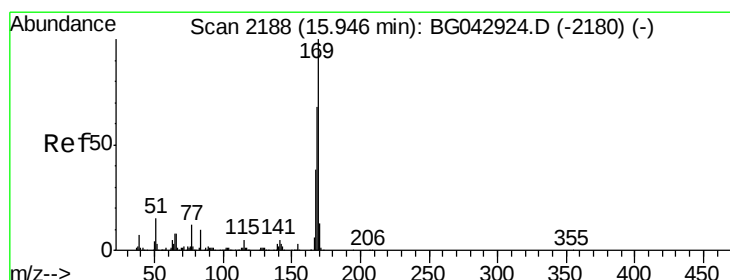
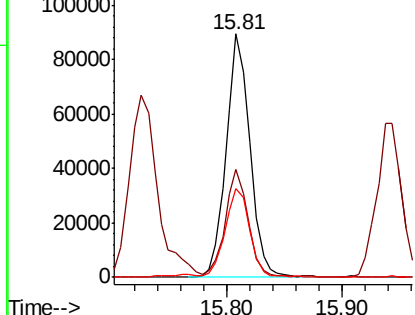
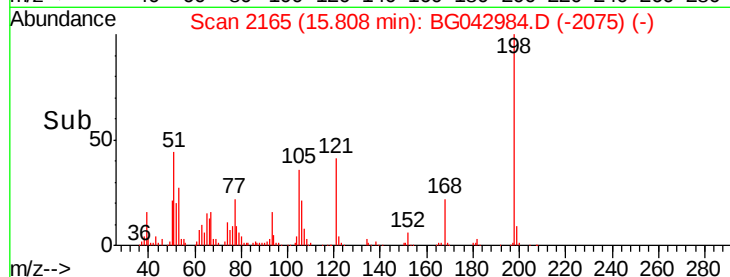
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.109 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

Tot Ion:198 Resp: 127388
 Ion Ratio Lower Upper
 198 100
 51 44.3 25.3 65.3
 105 36.3 16.6 56.6

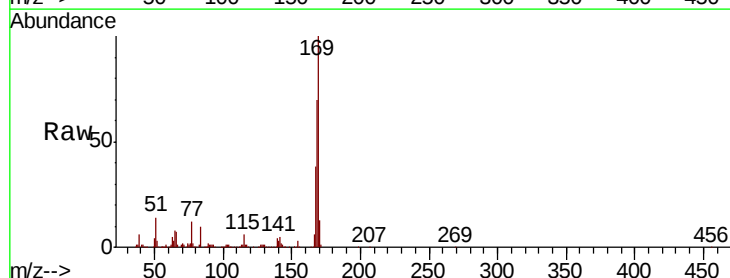


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

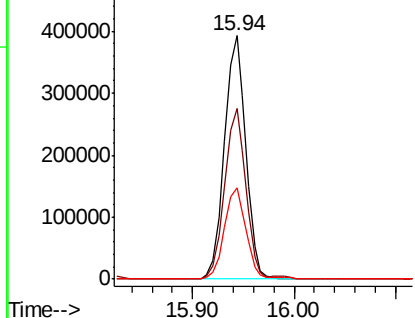
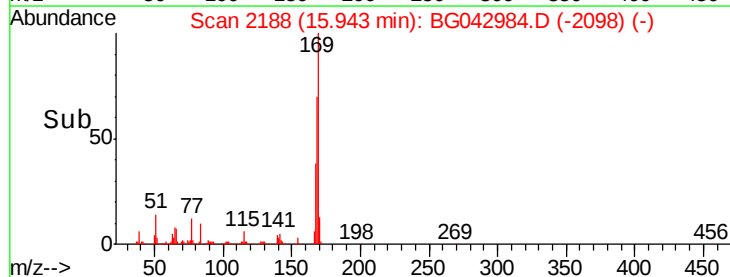


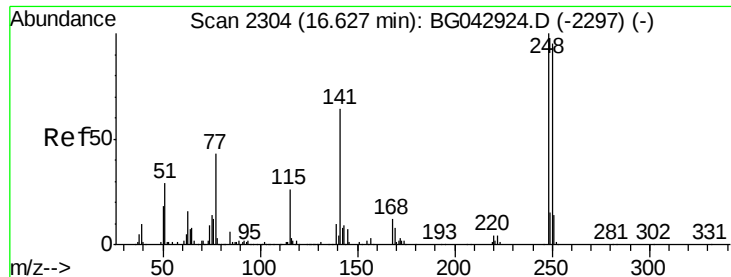
#66
 n-Nitrosodiphenylamine
 Concen: 44.318 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion:169 Resp: 571202
 Ion Ratio Lower Upper
 169 100
 168 70.1 54.8 82.2
 167 37.5 30.6 46.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

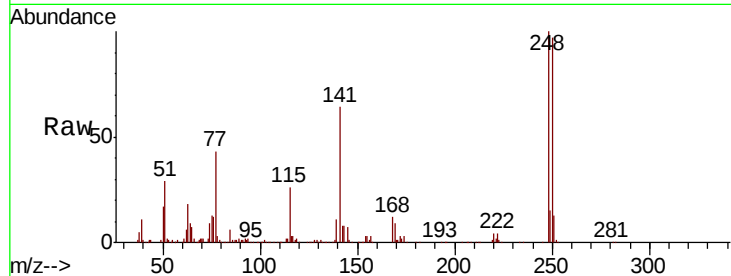




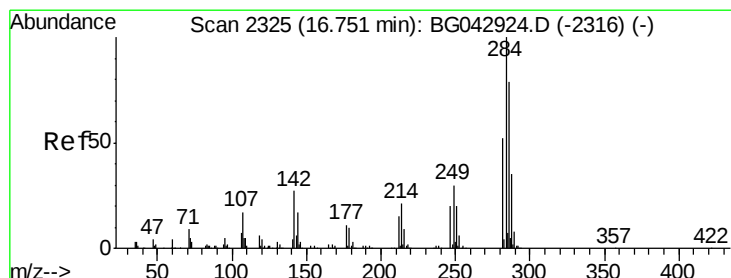
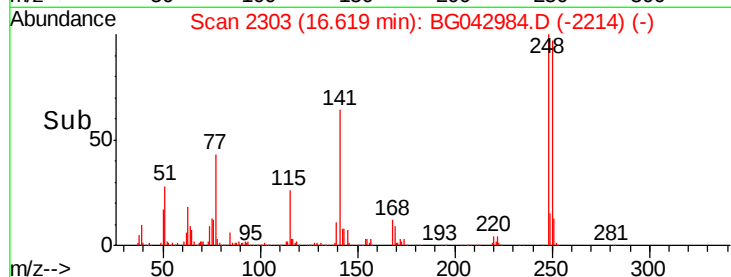
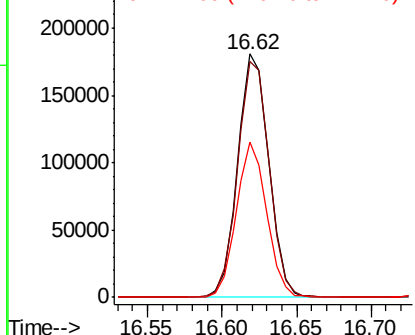
#67
4-Bromophenyl-phenylether
Concen: 42.609 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Instrument :
BNA_G
ClientSampleId :
PB123556BS

Tot Ion:248 Resp: 261098
Ion Ratio Lower Upper
248 100
250 96.8 75.8 113.8
141 63.5 51.1 76.7

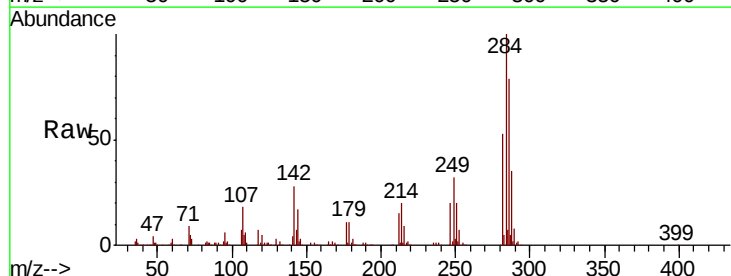


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

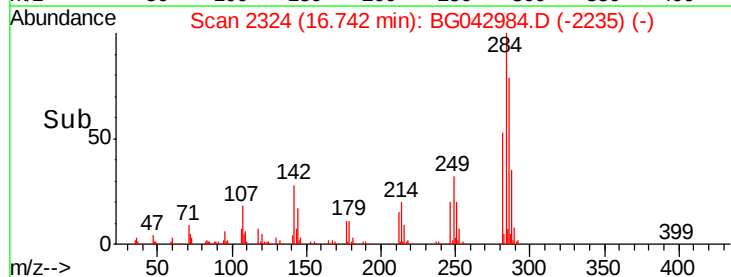
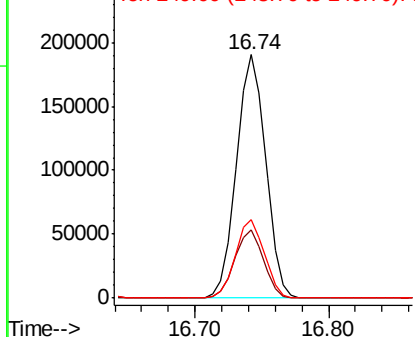


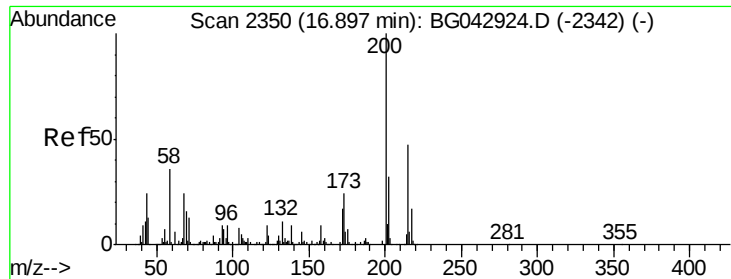
#68
Hexachlorobenzene
Concen: 42.341 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion:284 Resp: 288890
Ion Ratio Lower Upper
284 100
142 27.8 21.6 32.4
249 32.1 24.1 36.1



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





#69

Atrazine

Concen: 40.971 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

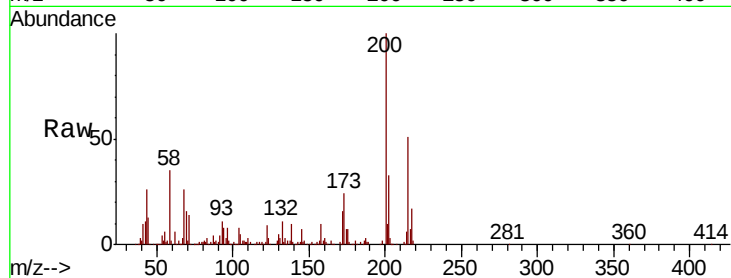
Tot Ion:200 Resp: 222366

Ion Ratio Lower Upper

200 100

173 24.3 4.0 44.0

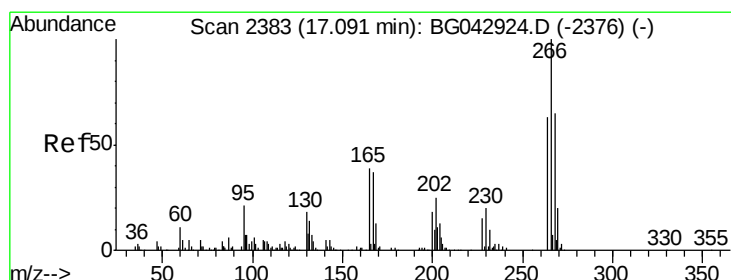
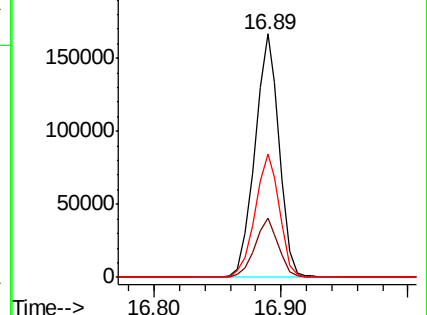
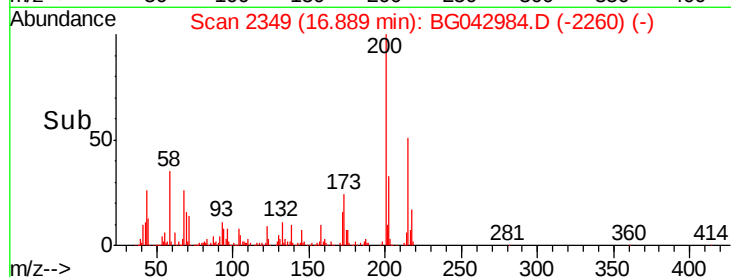
215 50.8 27.4 67.4



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



#70

Pentachlorophenol

Concen: 93.639 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

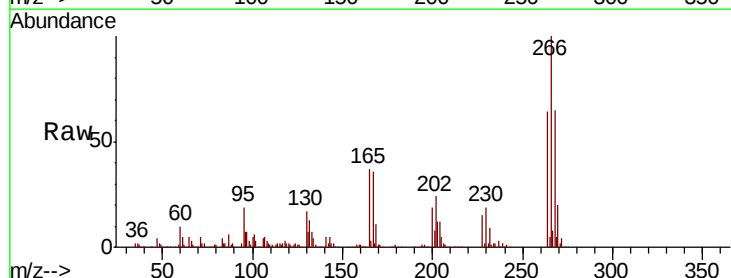
Tgt Ion:266 Resp: 368656

Ion Ratio Lower Upper

266 100

268 64.7 52.2 78.2

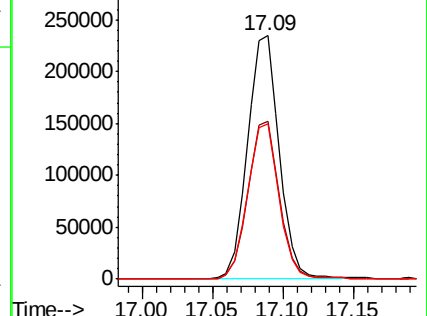
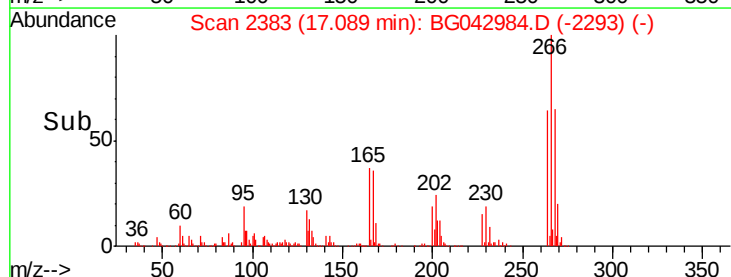
264 64.0 50.7 76.1

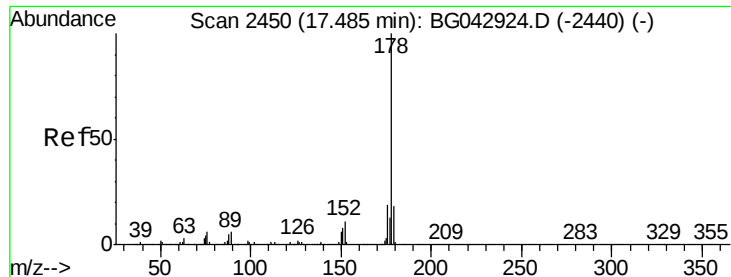


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



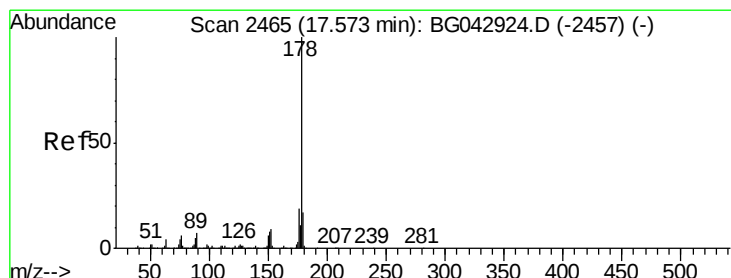
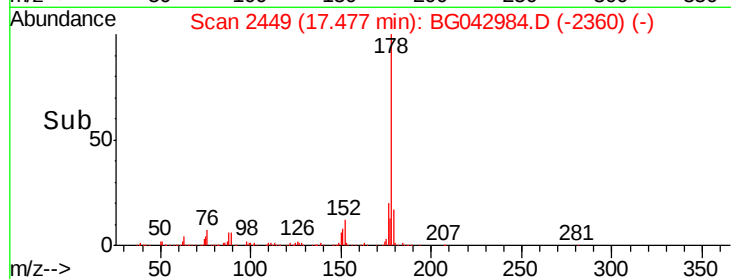
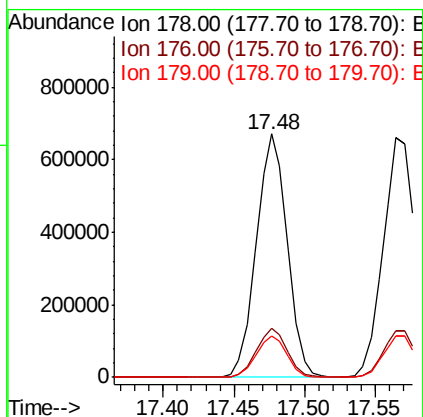
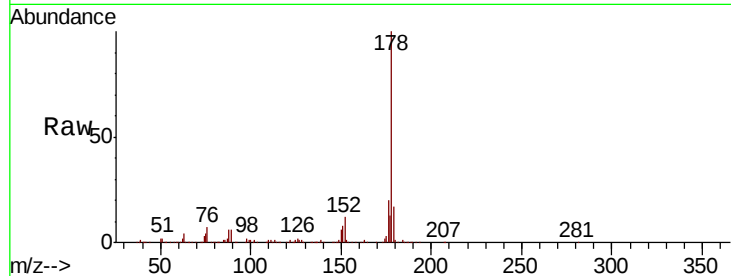


#71
 Phenanthrene
 Concen: 43.388 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

Tot Ion:178 Resp: 1034198

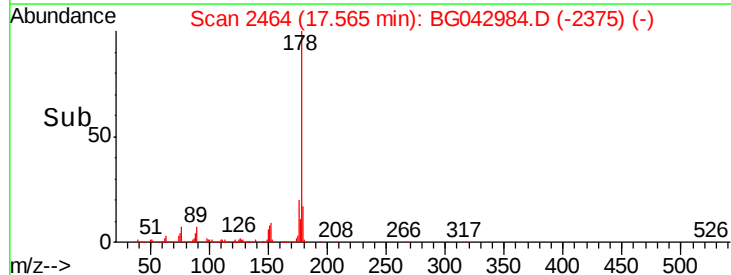
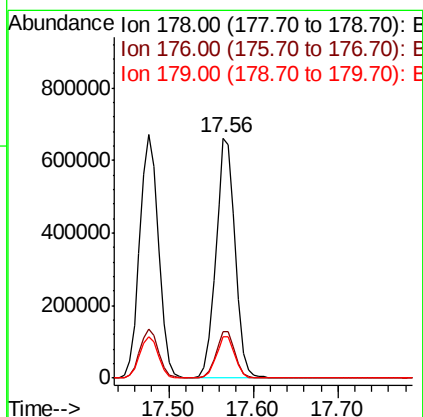
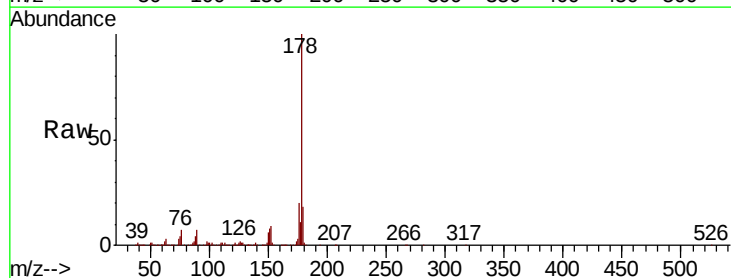
Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	17.1	14.1	21.1

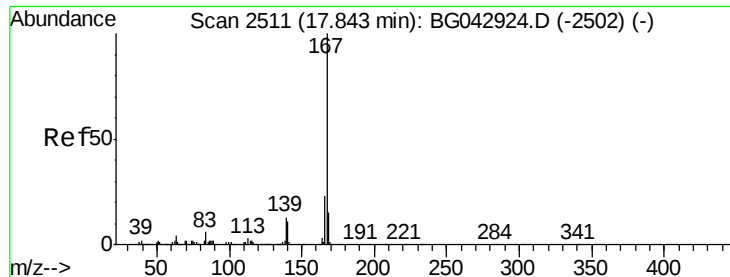


#72
 Anthracene
 Concen: 44.187 ng
 RT: 17.56 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Tgt Ion:178 Resp: 1051450

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	17.5	13.5	20.3

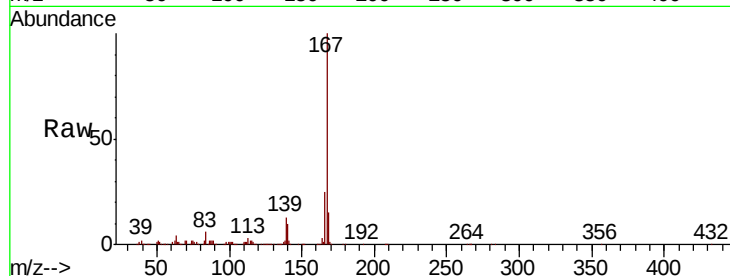




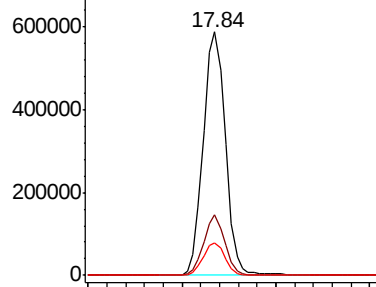
#73
 Carbazole
 Concen: 43.982 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB123556BS

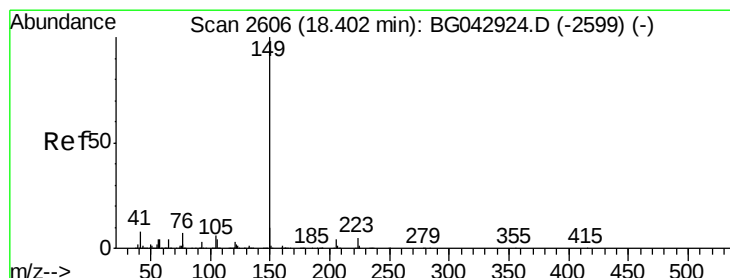
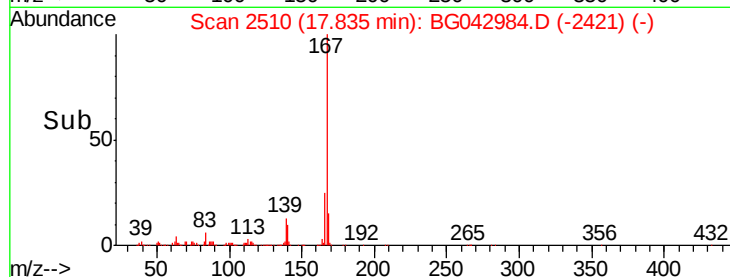
Tot Ion:167 Resp: 970514
 Ion Ratio Lower Upper
 167 100
 166 24.7 18.6 28.0
 139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 800000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

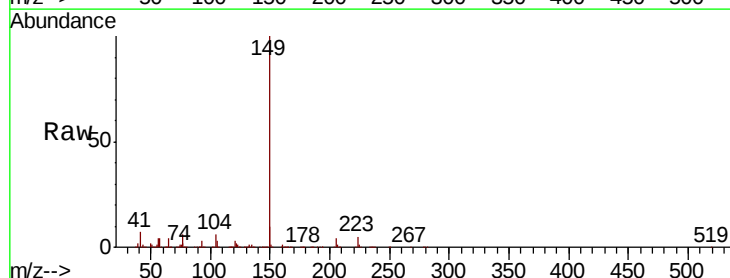


Time--> 17.70 17.80 17.90

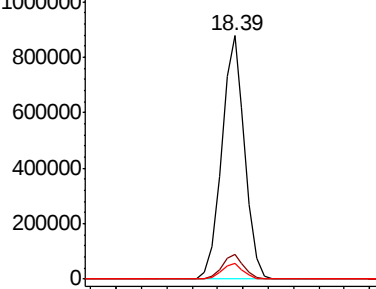


#74
 Di-n-butylphthalate
 Concen: 41.621 ng
 RT: 18.39 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BG042984.D
 Acq: 2 Oct 2019 14:36

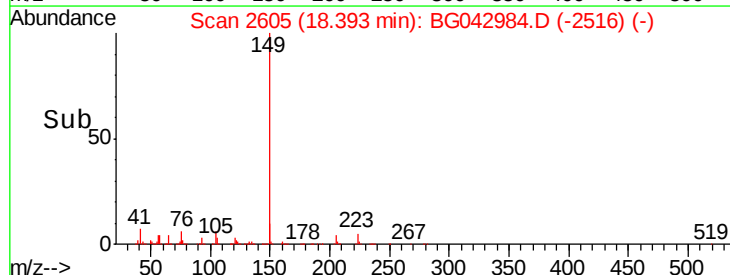
Tgt Ion:149 Resp: 1095779
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.7 11.5
 104 6.3 5.0 7.6

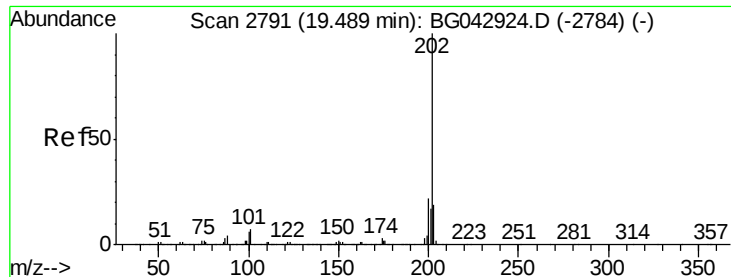


Abundance Ion 149.00 (148.70 to 149.70): E
 1200000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time--> 18.30 18.40





#75

Fluoranthene

Concen: 42.527 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

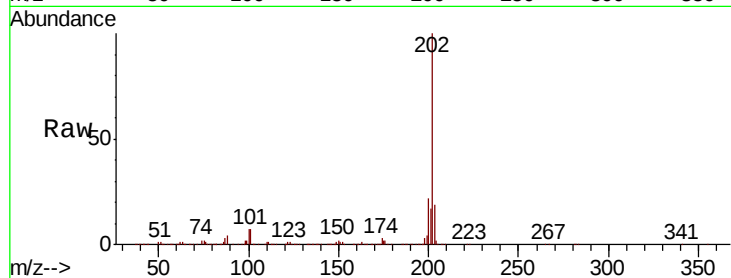
Tot Ion:202 Resp: 1340747

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.3
203	19.5	0.0	39.5

202 100

101 7.4 0.0 27.3

203 19.5 0.0 39.5

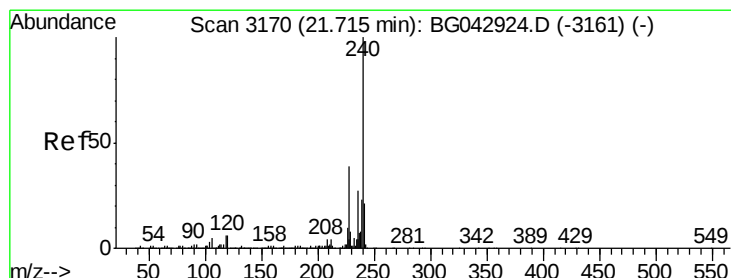
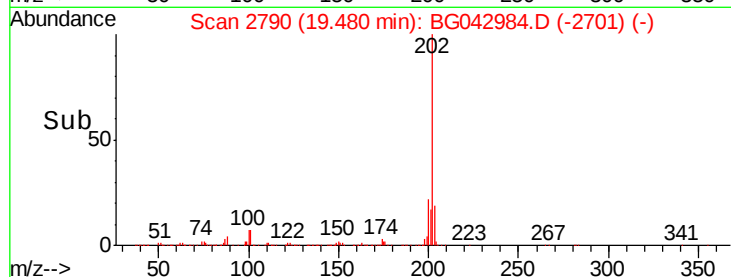
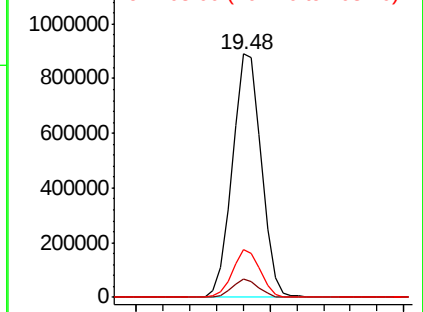


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

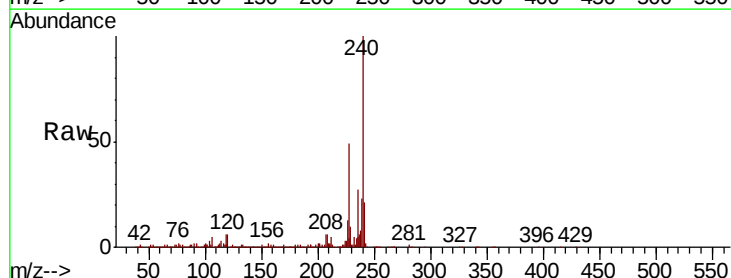
Tgt Ion:240 Resp: 531038

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.8	7.2
236	26.9	21.4	32.0

240 100

120 6.0 4.8 7.2

236 26.9 21.4 32.0

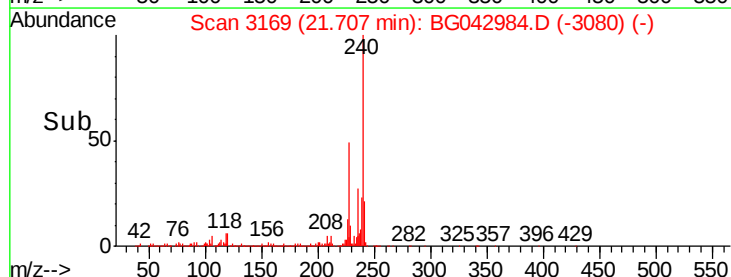
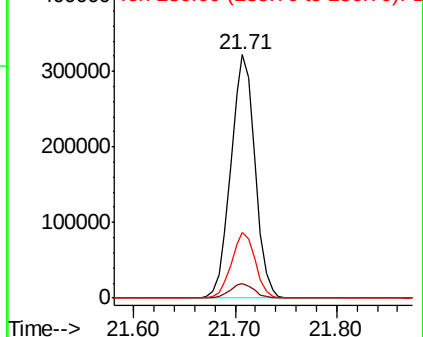


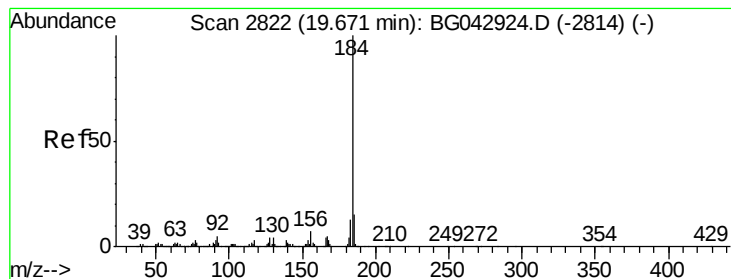
Abundance

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





#77

Benzidine

Concen: 30.312 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

BNA_G

ClientSampleId :

PB123556BS

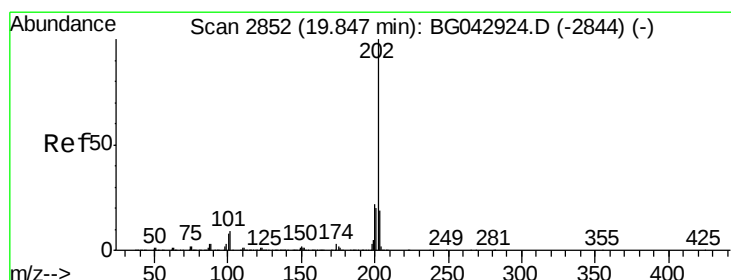
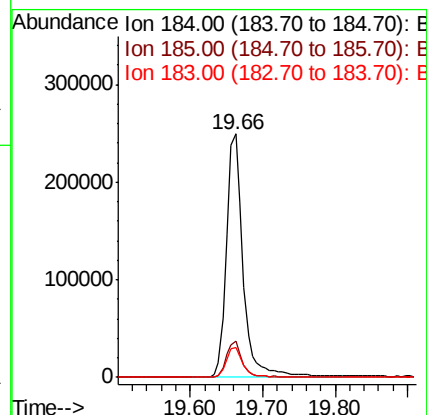
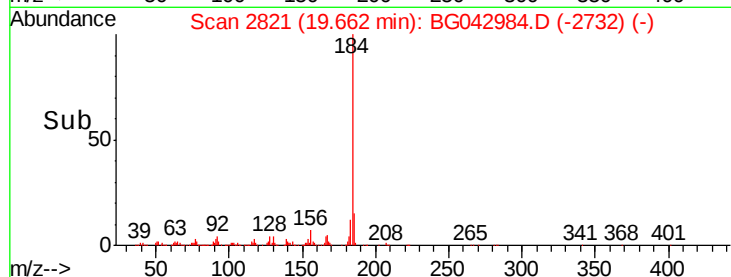
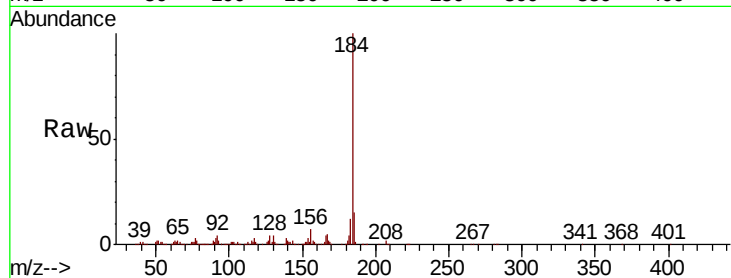
Tot Ion:184 Resp: 403047

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

183 12.4 10.1 15.1



#78

Pyrene

Concen: 42.784 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

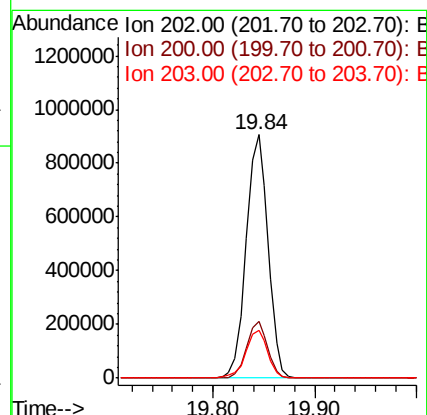
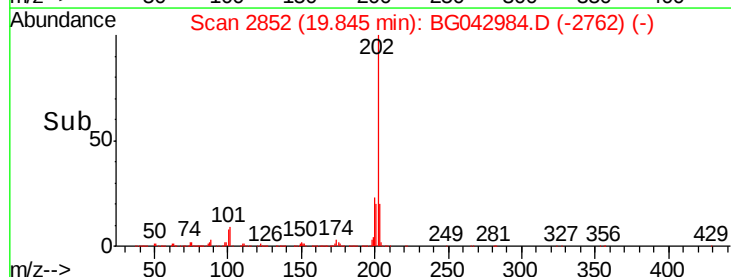
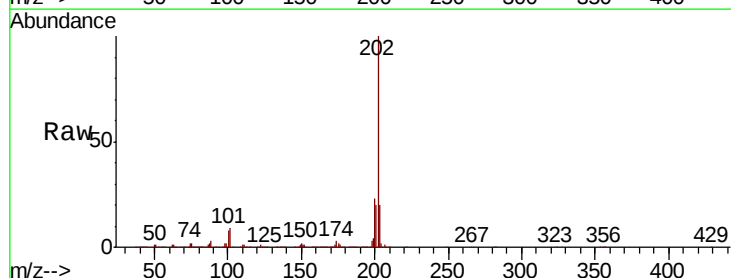
Tgt Ion:202 Resp: 1356052

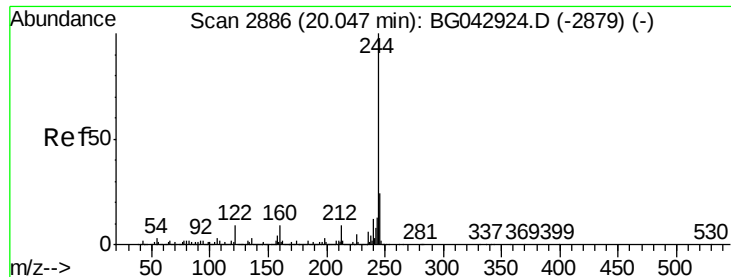
Ion Ratio Lower Upper

202 100

200 23.4 17.6 26.4

203 19.6 15.2 22.8





#79

Terphenyl-d14

Concen: 71.530 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

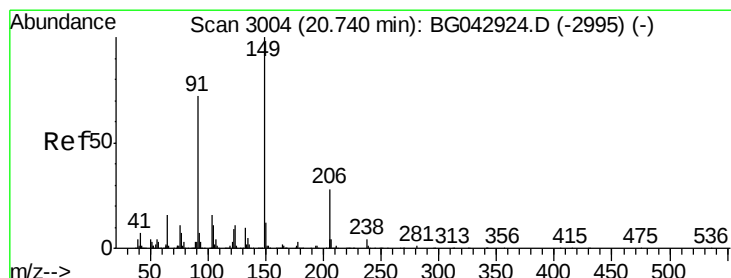
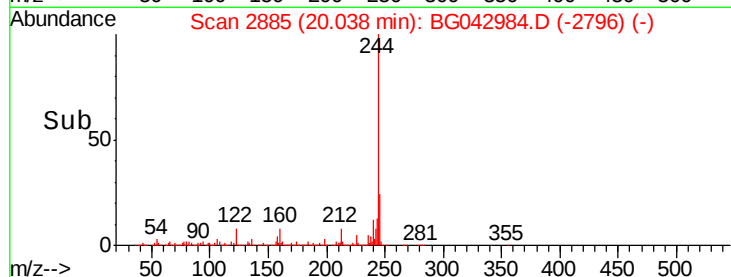
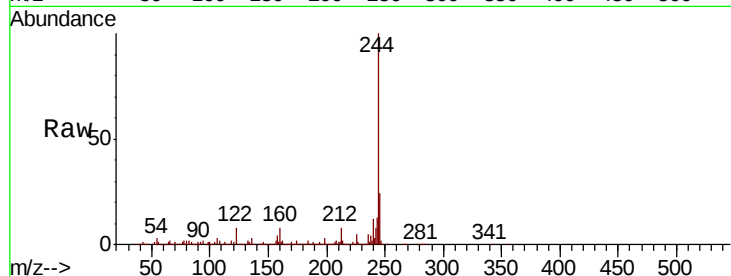
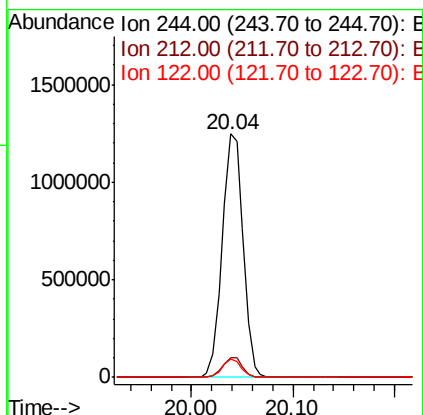
BNA_G

ClientSampleId :

PB123556BS

Tot Ion:244 Resp: 1782594

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.0
122	7.7	7.0	10.4



#80

Butylbenzylphthalate

Concen: 43.268 ng

RT: 20.73 min Scan# 3003

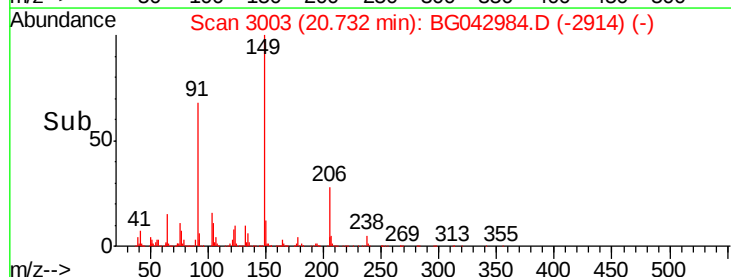
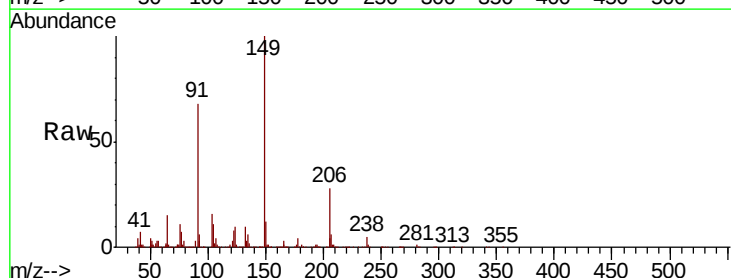
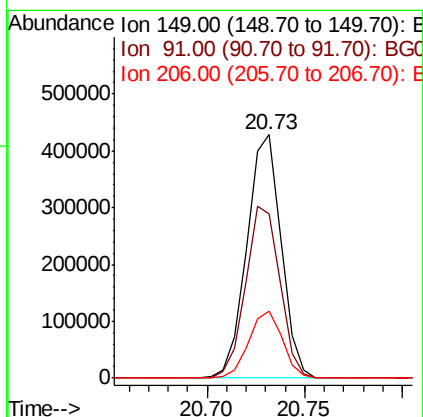
Delta R.T. -0.01 min

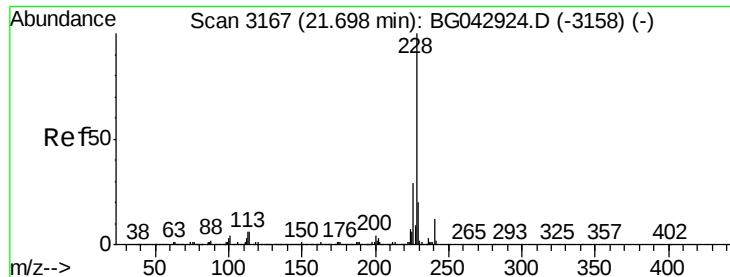
Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Tgt Ion:149 Resp: 520551

Ion	Ratio	Lower	Upper
149	100		
91	67.6	57.7	86.5
206	27.6	22.6	33.8





#81

Benzo(a)anthracene

Concen: 42.496 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

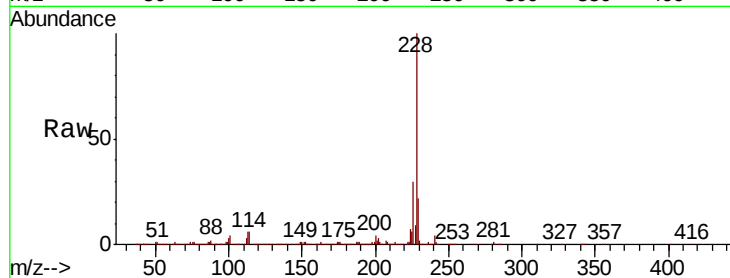
BNA_G

ClientSampleId :

PB123556BS

Tot Ion:228 Resp: 1406116

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.4
229	21.8	16.3	24.5

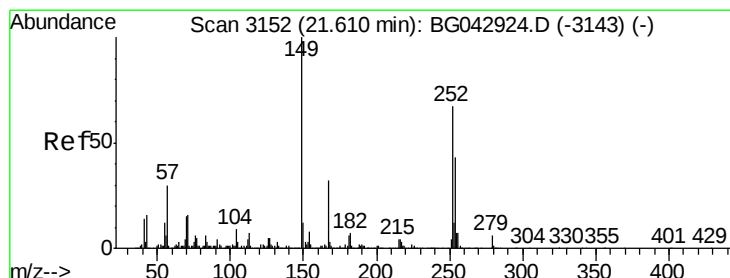
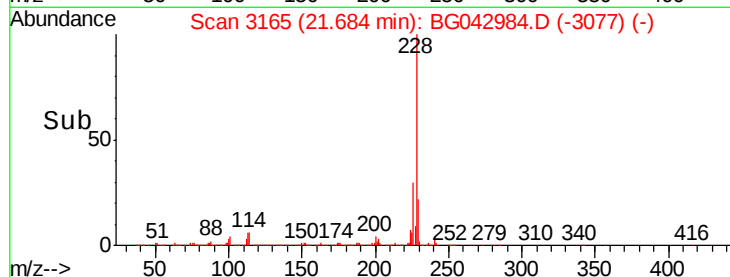
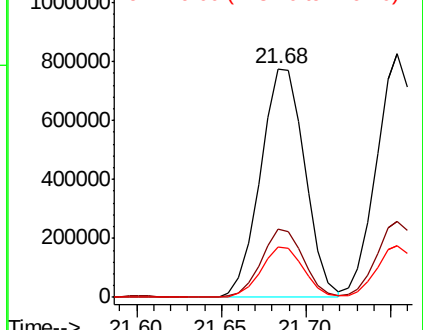


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 38.818 ng

RT: 21.60 min Scan# 3151

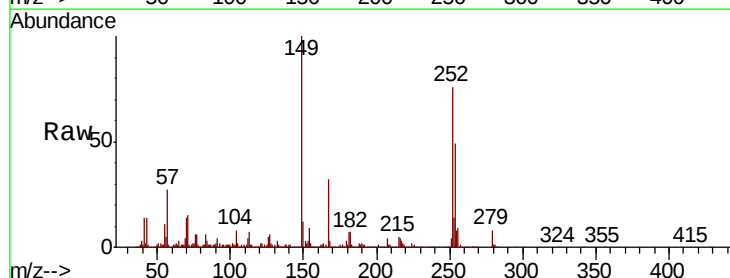
Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Tgt Ion:252 Resp: 503775

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	7.0	6.1	9.1

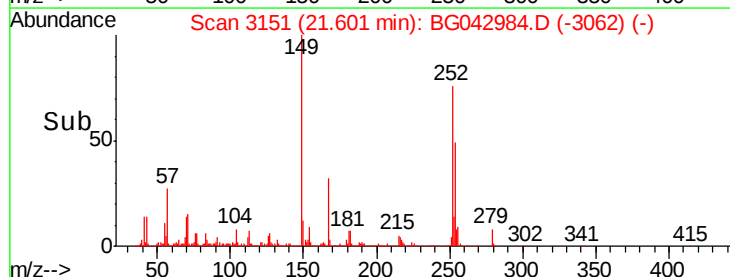
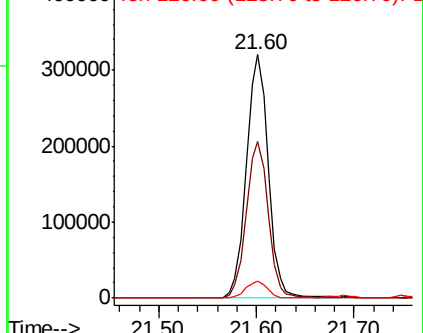


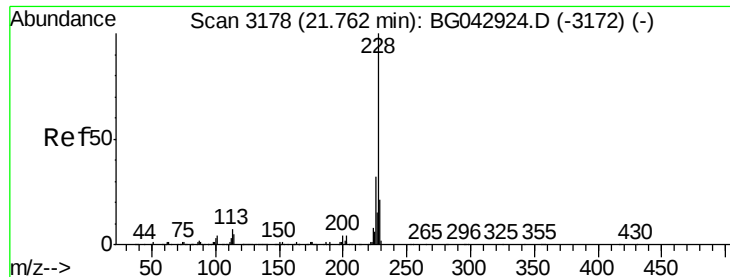
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.688 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Instrument :

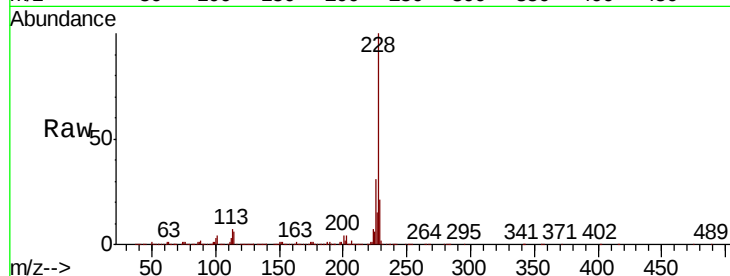
BNA_G

ClientSampleId :

PB123556BS

Tot Ion:228 Resp: 1370720

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.6	38.4
229	21.4	16.9	25.3

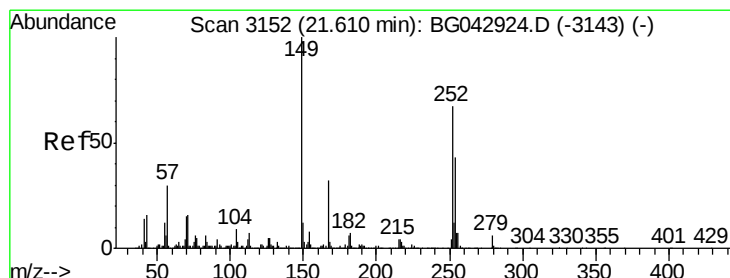
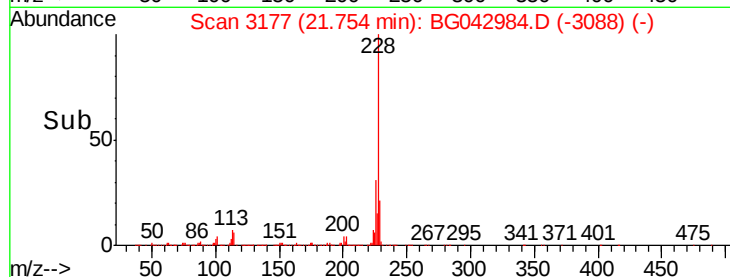
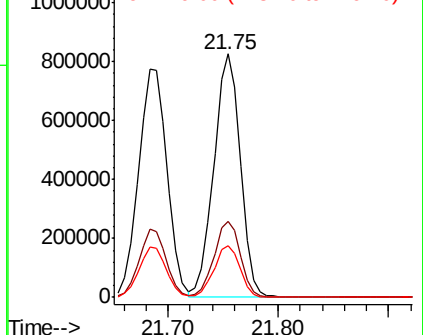


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.659 ng

RT: 21.60 min Scan# 3150

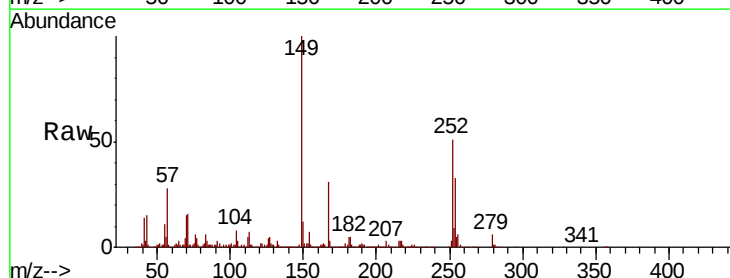
Delta R.T. -0.01 min

Lab File: BG042984.D

Acq: 2 Oct 2019 14:36

Tgt Ion:149 Resp: 747407

Ion	Ratio	Lower	Upper
149	100		
167	31.3	25.4	38.2
279	6.4	5.1	7.7

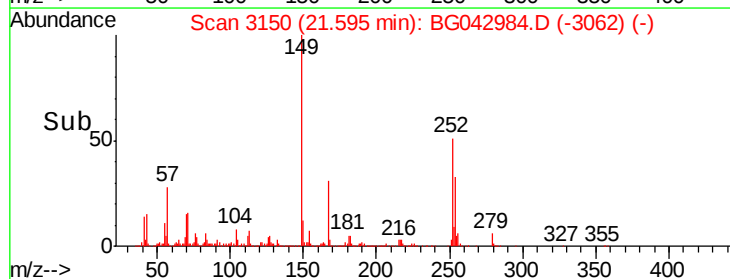
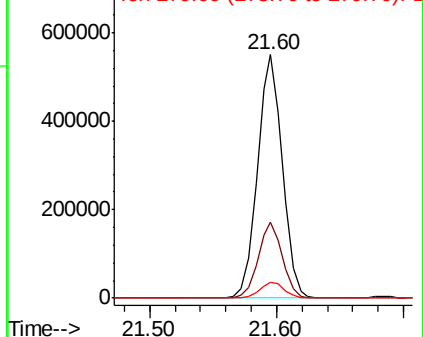


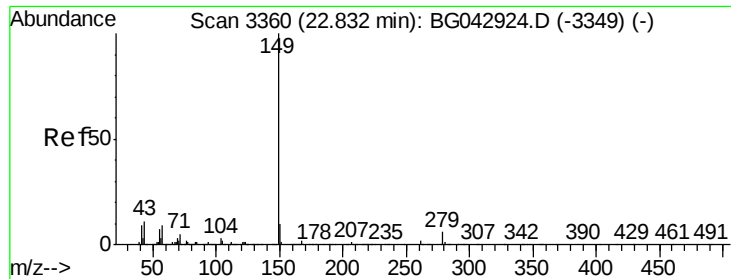
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

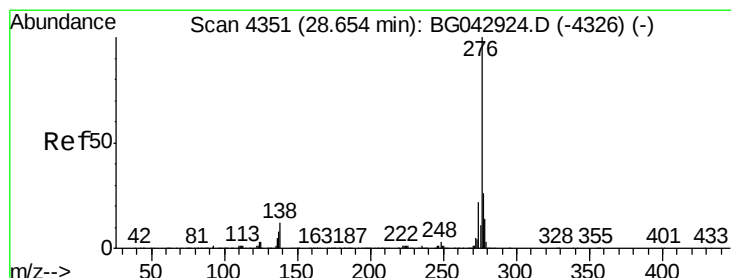
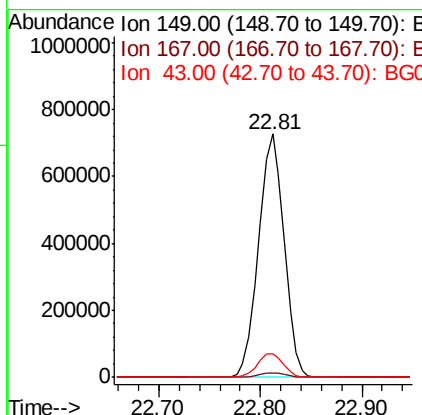
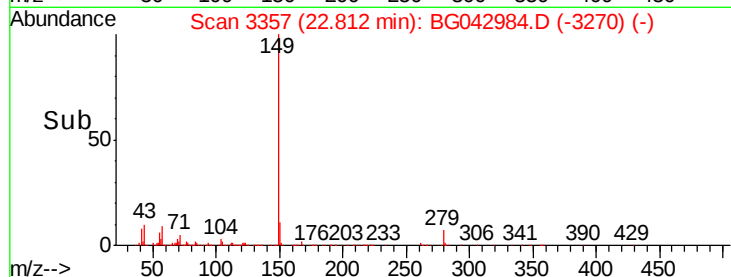
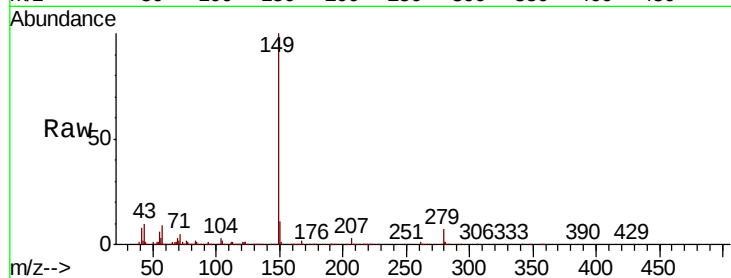




#85
Di-n-octyl phthalate
Concen: 45.278 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

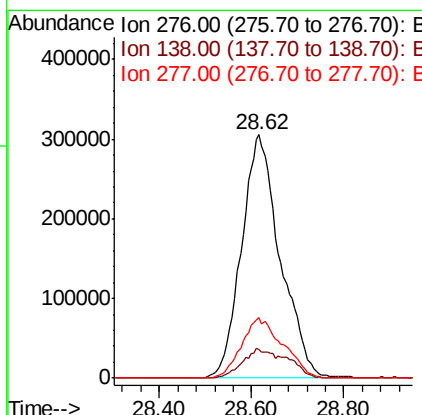
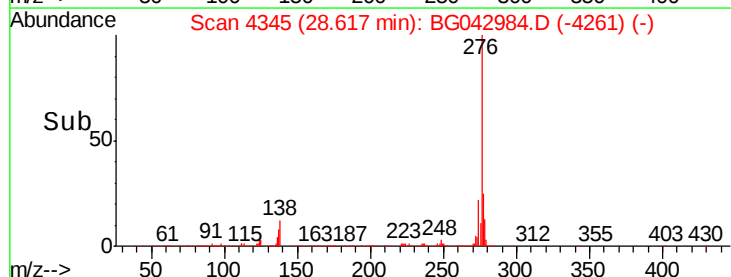
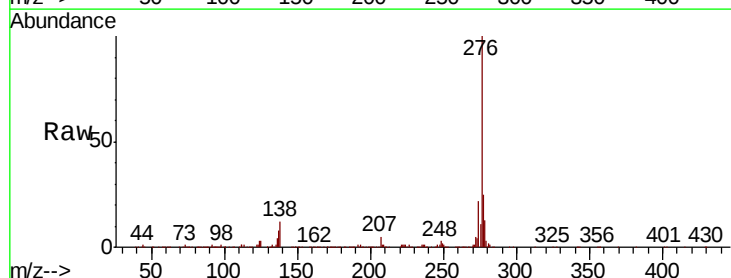
Instrument :
BNA_G
ClientSampleId :
PB123556BS

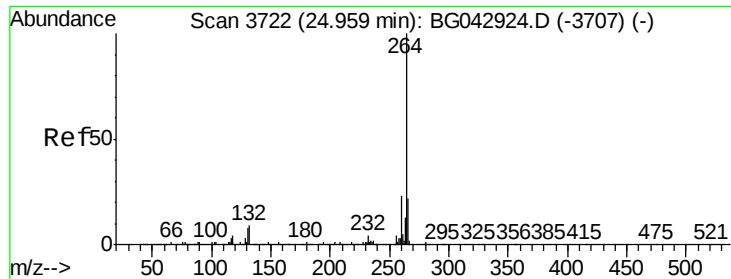
Tot Ion:149 Resp: 1267486
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 10.2 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.414 ng
RT: 28.62 min Scan# 4345
Delta R.T. -0.04 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion:276 Resp: 1775398
Ion Ratio Lower Upper
276 100
138 10.3 7.0 10.6
277 26.5 20.9 31.3



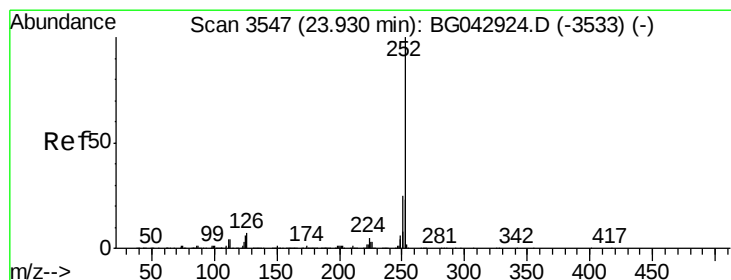
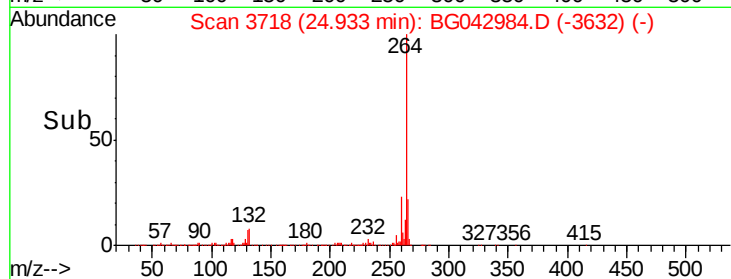
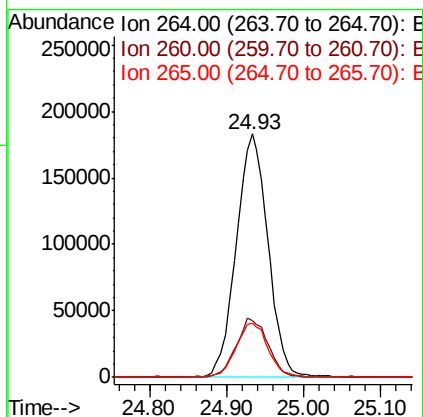
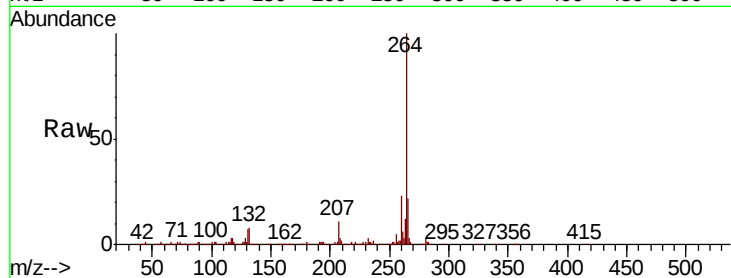


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.03 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Instrument :
BNA_G
ClientSampleId :
PB123556BS

Tot Ion:264 Resp: 527893

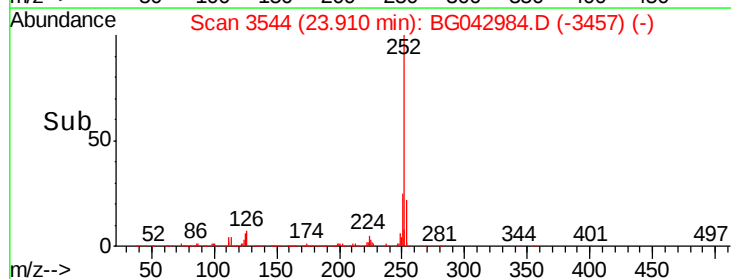
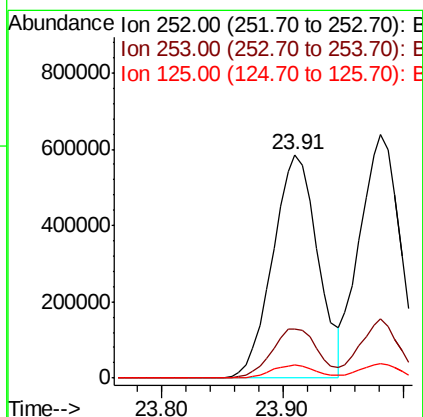
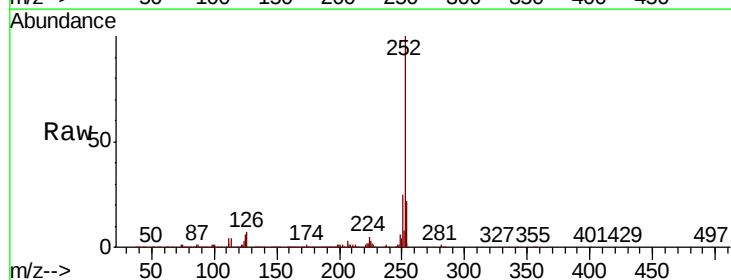
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.3	17.7	26.5

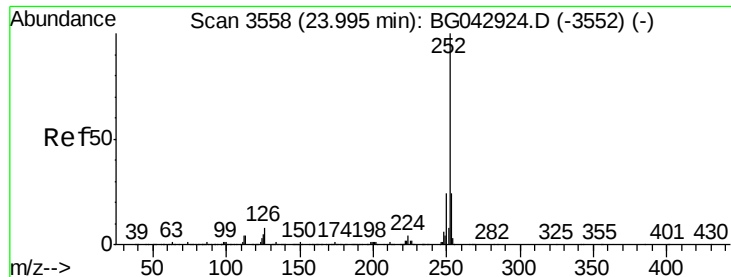


#88
Benzo(b)fluoranthene
Concen: 50.599 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.02 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion:252 Resp: 1511366

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	5.8	4.6	7.0

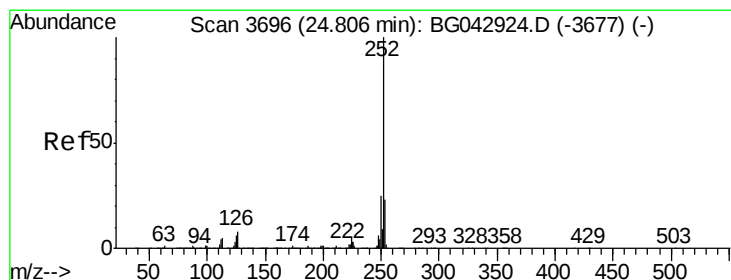
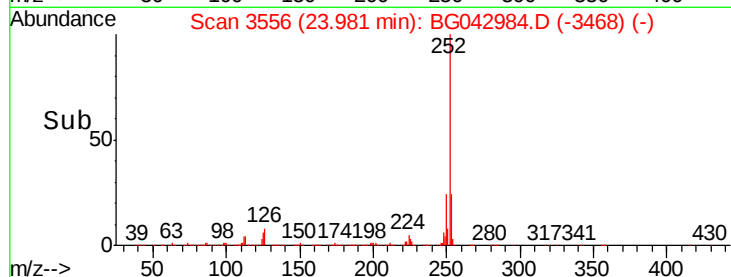
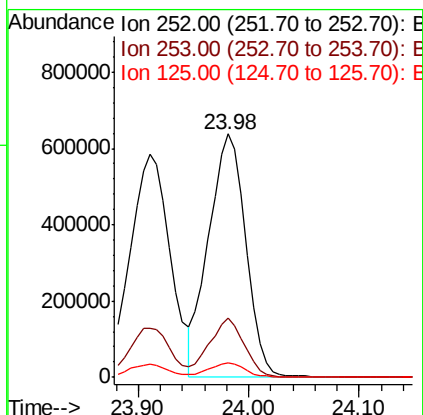
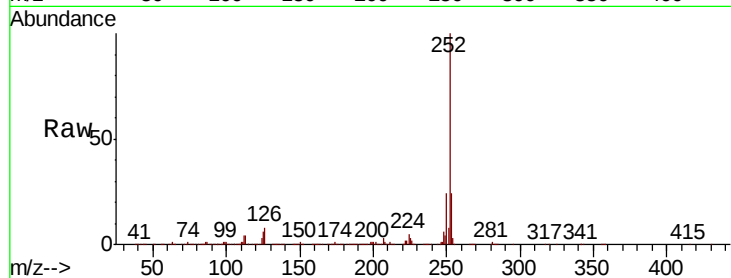




#89
Benzo(k)fluoranthene
Concen: 50.243 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

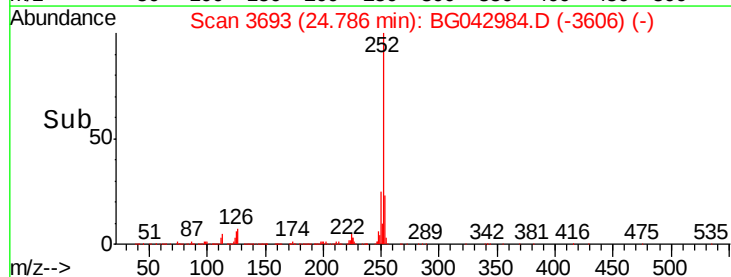
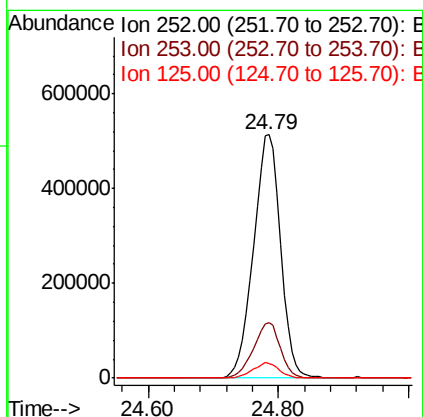
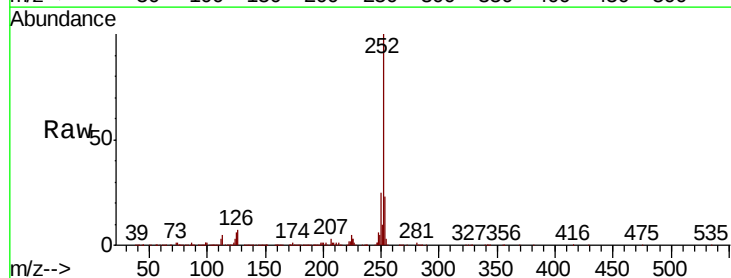
Instrument :
BNA_G
ClientSampleId :
PB123556BS

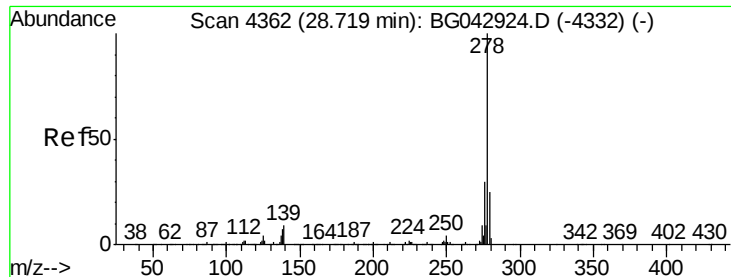
Tot Ion:252 Resp: 1484640
Ion Ratio Lower Upper
252 100
253 24.5 18.9 28.3
125 6.0 4.5 6.7



#90
Benzo(a)pyrene
Concen: 52.384 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.02 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion:252 Resp: 1476226
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 5.8 5.0 7.6

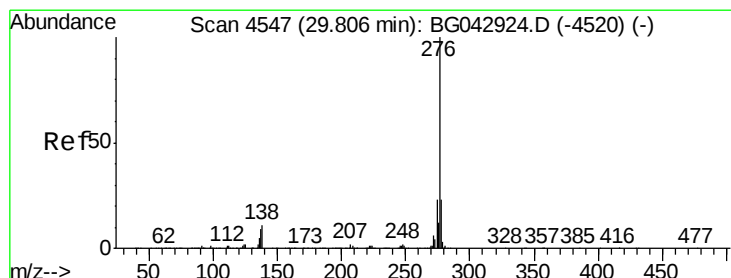
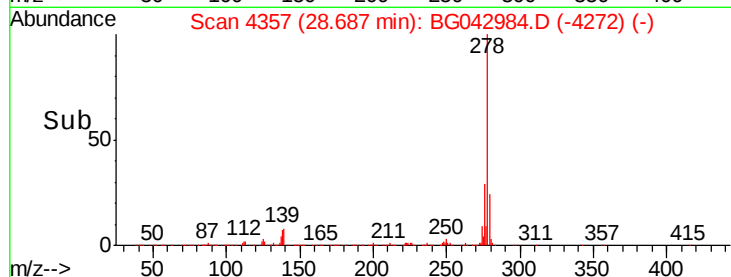
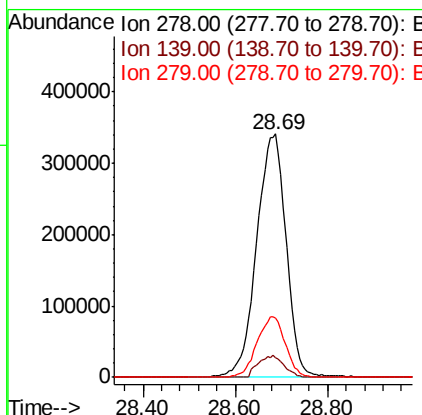
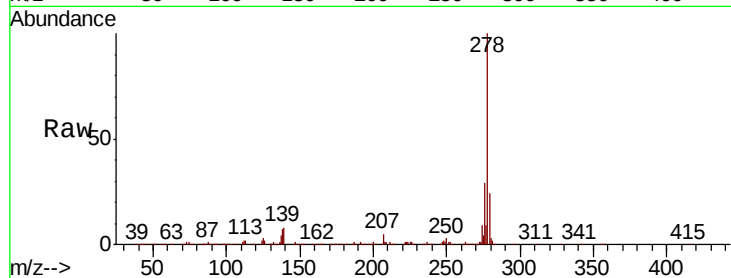




#91
Dibenzo(a,h)anthracene
Concen: 52.317 ng
RT: 28.69 min Scan# 4357
Delta R.T. -0.03 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Instrument :
BNA_G
ClientSampleId :
PB123556BS

Tot Ion:278 Resp: 1511807
Ion Ratio Lower Upper
278 100
139 8.1 6.8 10.2
279 24.2 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 52.269 ng
RT: 29.77 min Scan# 4542
Delta R.T. -0.03 min
Lab File: BG042984.D
Acq: 2 Oct 2019 14:36

Tgt Ion:276 Resp: 1463489
Ion Ratio Lower Upper
276 100
277 25.0 18.4 27.6
138 11.6 8.6 12.8

