

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043093.D
 Acq On : 8 Oct 2019 19:56
 Operator : JU
 Sample : PB123740BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123740BS

Quant Time: Oct 09 02:20:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48453	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	187383	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	138816	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	330237	20.00	ng	0.00
76) Chrysene-d12	21.69	240	356685	20.00	ng	0.00
87) Perylene-d12	24.90	264	404213	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	330532	121.74	ng	0.00
7) Phenol-d6	7.23	99	450653	115.26	ng	0.00
23) Nitrobenzene-d5	9.22	82	226763	58.82	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	286426	119.99	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	596676	62.31	ng	0.00
79) Terphenyl-d14	20.03	244	1181086	70.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	44194	39.041	ng	87
3) Pyridine	3.93	79	110393	34.673	ng	89
4) n-Nitrosodimethylamine	3.85	42	59881	39.111	ng	84
6) Aniline	7.39	93	146191	30.975	ng	98
8) 2-Chlorophenol	7.62	128	128425	45.357	ng	97
9) Benzaldehyde	7.20	77	81060	33.928	ng	90
10) Phenol	7.26	94	160803	44.828	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	116115	41.836	ng	94
12) 1,3-Dichlorobenzene	7.95	146	141125	39.071	ng	96
13) 1,4-Dichlorobenzene	8.09	146	143359	39.814	ng	98
14) 1,2-Dichlorobenzene	8.41	146	140161	40.887	ng	97
15) Benzyl Alcohol	8.29	79	117744	40.056	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	162220	30.434	ng	94
17) 2-Methylphenol	8.51	107	113154	45.082	ng	97
18) Hexachloroethane	9.15	117	52300	38.567	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	100043	38.968	ng	90
20) 3+4-Methylphenols	8.84	107	152911	44.455	ng	95
22) Acetophenone	8.88	105	190668	39.475	ng	94
24) Nitrobenzene	9.26	77	148704	40.439	ng	98
25) Isophorone	9.78	82	275126	40.628	ng	97
26) 2-Nitrophenol	9.97	139	75574	48.277	ng	99
27) 2,4-Dimethylphenol	10.03	122	122063	50.774	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	152532	39.700	ng	100
29) 2,4-Dichlorophenol	10.52	162	138694	46.388	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	154148	39.924	ng	98
31) Naphthalene	10.91	128	392740	42.577	ng	99
32) Benzoic acid	10.16	122	46535	27.785	ng	94
33) 4-Chloroaniline	11.03	127	59830	14.948	ng	95
34) Hexachlorobutadiene	11.20	225	111478	38.560	ng	99
35) Caprolactam	11.79	113	45966	43.595	ng	# 69
36) 4-Chloro-3-methylphenol	12.14	107	148741	45.754	ng	96
37) 2-Methylnaphthalene	12.51	142	300377	42.686	ng	97
38) 1-Methylnaphthalene	12.73	142	287719	43.211	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	193599	37.092	ng	97

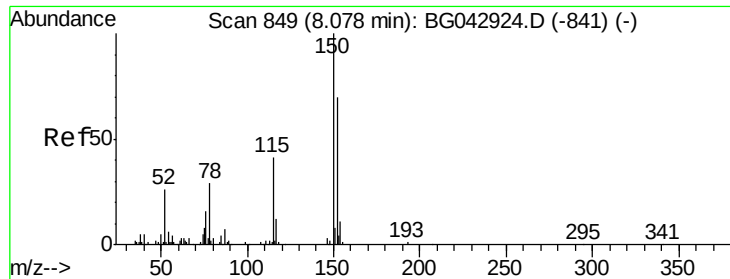
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
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 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	268158	80.636	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	132360	43.327	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	141985	45.117	ng	96
46) 1,1'-Biphenyl	13.51	154	404249	38.401	ng	99
47) 2-Chloronaphthalene	13.56	162	319679	40.504	ng	98
48) 2-Nitroaniline	13.76	65	102407	39.017	ng	88
49) Acenaphthylene	14.40	152	513953	42.557	ng	99
50) Dimethylphthalate	14.13	163	421785	40.552	ng	98
51) 2,6-Dinitrotoluene	14.25	165	97101	43.839	ng	93
52) Acenaphthene	14.74	154	310771	38.444	ng	99
53) 3-Nitroaniline	14.58	138	65695	28.700	ng	97
54) 2,4-Dinitrophenol	14.78	184	46423	33.719	ng	91
55) Dibenzofuran	15.07	168	503366	42.094	ng	99
56) 4-Nitrophenol	14.90	139	151811	87.042	ng	99
57) 2,4-Dinitrotoluene	15.03	165	137123	42.275	ng	95
58) Fluorene	15.72	166	417038	40.849	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	140982	42.074	ng	# 99
60) Diethylphthalate	15.49	149	418989	39.583	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	243044	39.695	ng	99
62) 4-Nitroaniline	15.74	138	95289	38.169	ng	97
63) Azobenzene	16.01	77	375979	39.014	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	53073	28.401	ng	98
66) n-Nitrosodiphenylamine	15.93	169	380846	43.686	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	170662	41.175	ng	98
68) Hexachlorobenzene	16.73	284	194073	42.053	ng	98
69) Atrazine	16.88	200	165076	44.967	ng	97
70) Pentachlorophenol	17.07	266	184753	69.380	ng	98
71) Phenanthrene	17.46	178	678875	42.108	ng	98
72) Anthracene	17.55	178	704778	43.788	ng	98
73) Carbazole	17.82	167	644610	43.189	ng	99
74) Di-n-butylphthalate	18.38	149	736204	41.342	ng	100
75) Fluoranthene	19.47	202	899301	42.172	ng	98
77) Benzidine	19.65	184	535459	59.955	ng	99
78) Pyrene	19.83	202	923848	43.395	ng	99
80) Butylbenzylphthalate	20.72	149	338682	41.912	ng	98
81) Benzo(a)anthracene	21.67	228	944293	42.488	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	252551	28.973	ng	100
83) Chrysene	21.74	228	905744	41.996	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	489789	42.596	ng	98
85) Di-n-octyl phthalate	22.78	149	823239	43.783	ng	96
86) Indeno(1,2,3-cd)pyrene	28.56	276	1167401	43.479	ng	100
88) Benzo(b)fluoranthene	23.88	252	971875	42.493	ng	100
89) Benzo(k)fluoranthene	23.95	252	981859	43.395	ng	98
90) Benzo(a)pyrene	24.76	252	903390	41.866	ng	98
91) Dibenzo(a,h)anthracene	28.64	278	993135	44.884	ng	99
92) Benzo(g,h,i)perylene	29.72	276	976675	45.556	ng	98

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

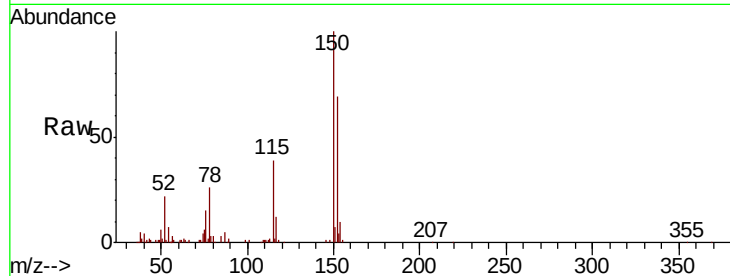


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB123740BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	115.0	172.4
115	55.7	47.0	70.6

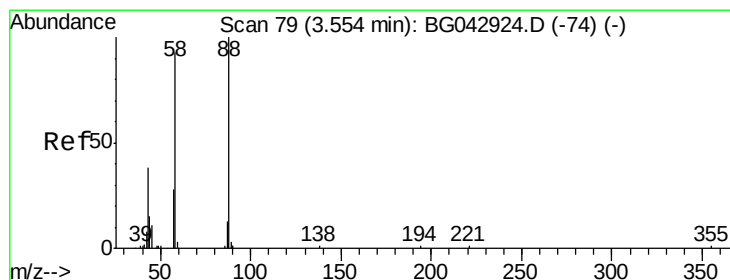
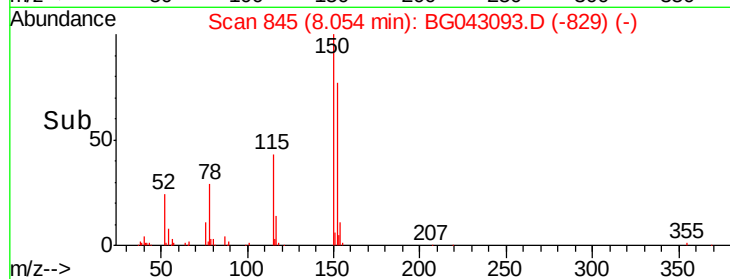
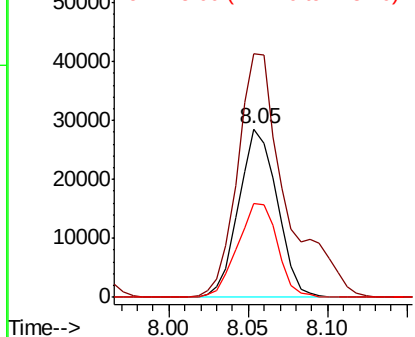


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

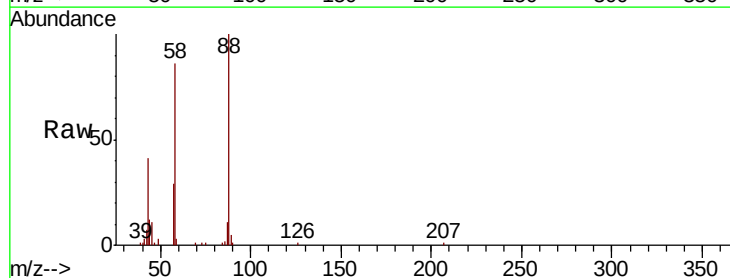
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 39.041 ng
 RT: 3.54 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.3	74.3	111.5
43	30.2	29.8	44.8

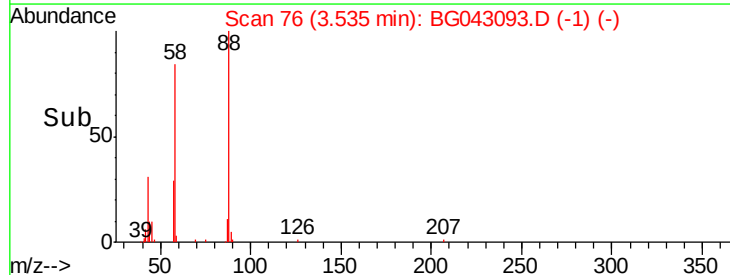
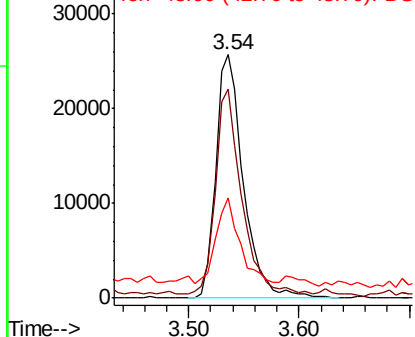


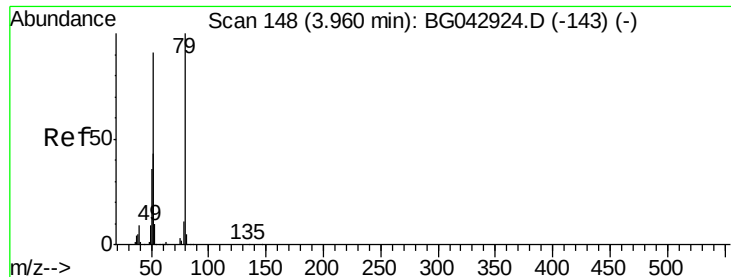
Abundance

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: 34.673 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

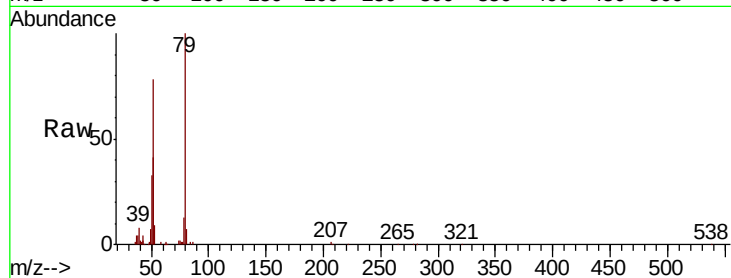
Tot Ion: 79 Resp: 110393

Ion Ratio Lower Upper

79 100

52 77.5 73.0 109.4

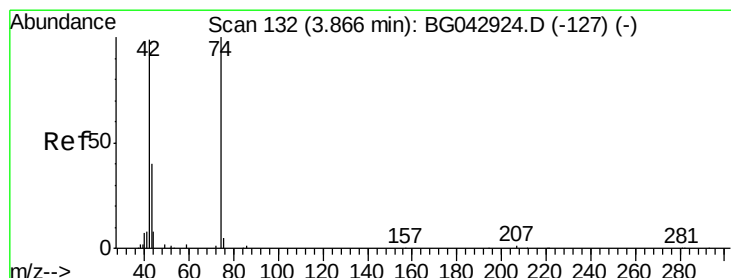
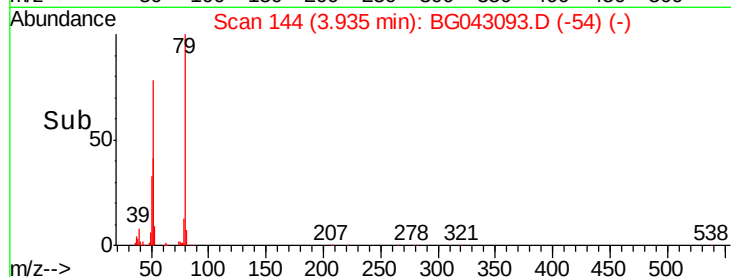
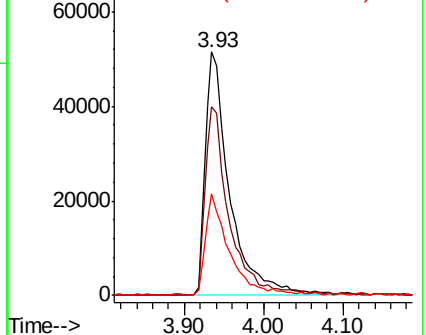
51 41.5 35.1 52.7



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: 39.111 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

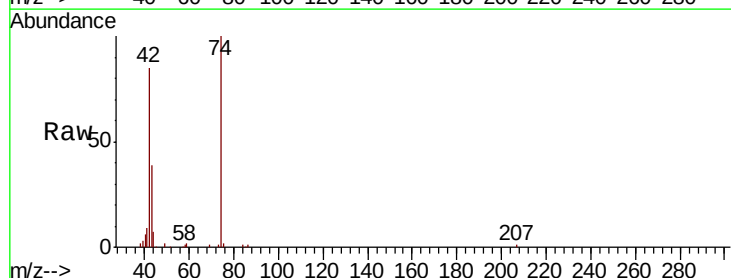
Tgt Ion: 42 Resp: 59881

Ion Ratio Lower Upper

42 100

74 118.3 80.5 120.7

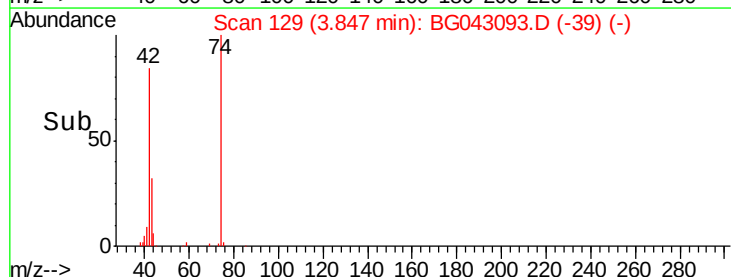
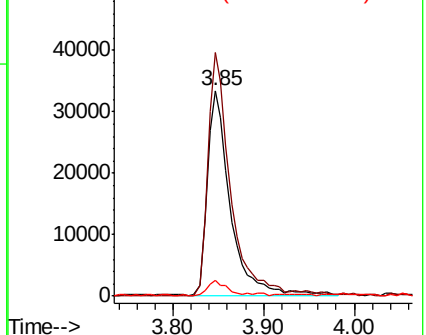
44 7.8 6.9 10.3

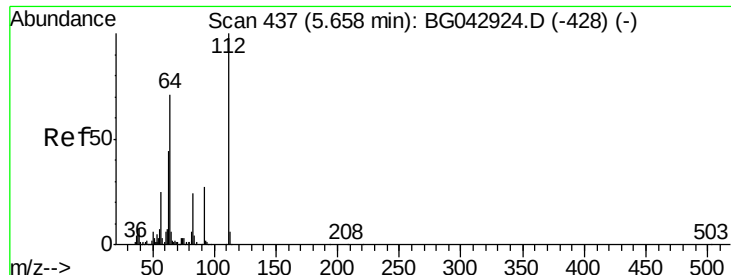


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 121.742 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

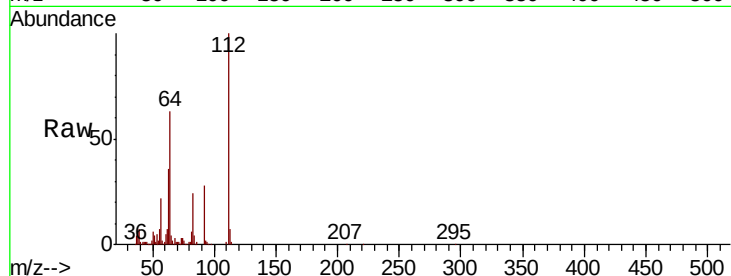
Tot Ion:112 Resp: 330532

Ion Ratio Lower Upper

112 100

64 63.3 56.6 84.8

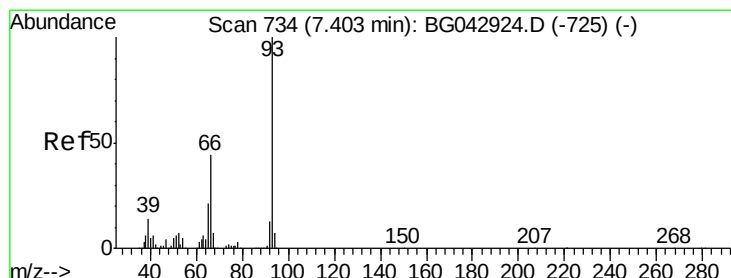
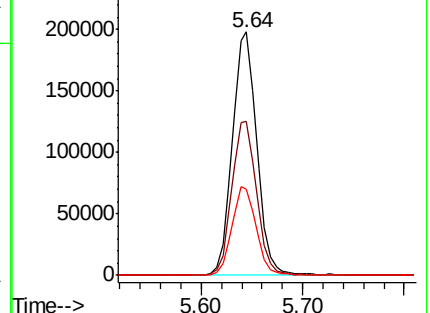
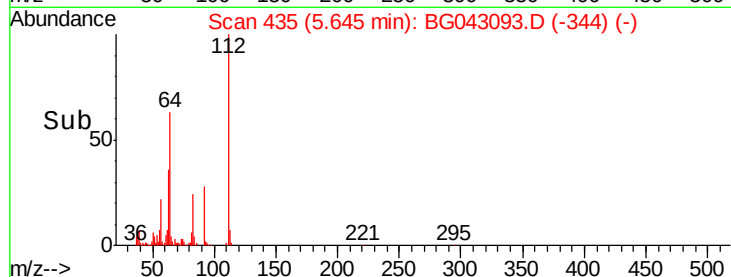
63 35.5 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.975 ng

RT: 7.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

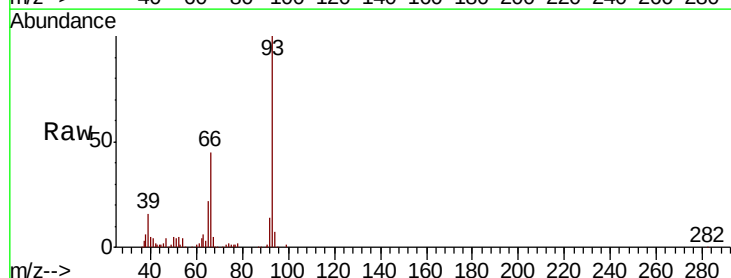
Tgt Ion: 93 Resp: 146191

Ion Ratio Lower Upper

93 100

66 45.3 35.0 52.6

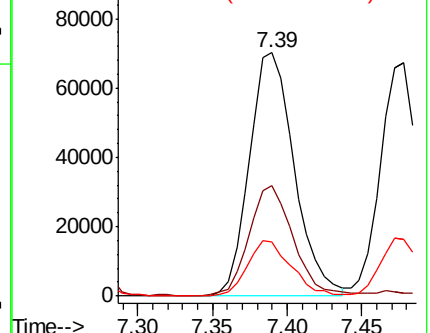
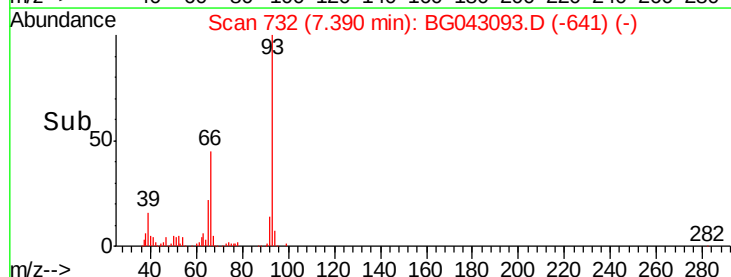
65 22.2 17.4 26.0

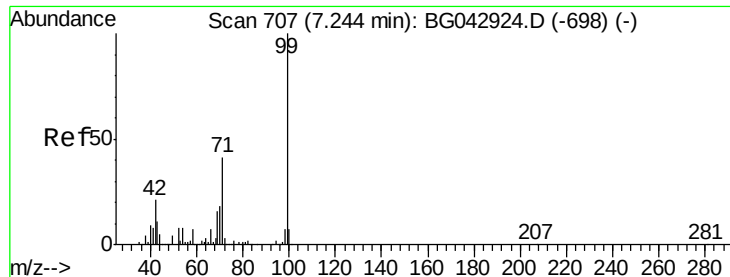


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.262 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

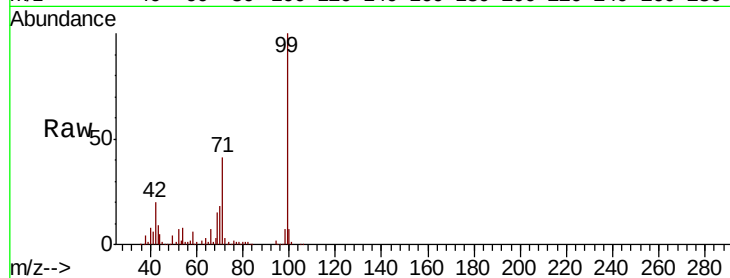
Tot Ion: 99 Resp: 450653

Ion Ratio Lower Upper

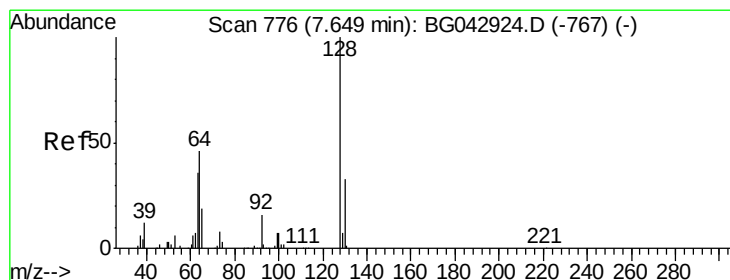
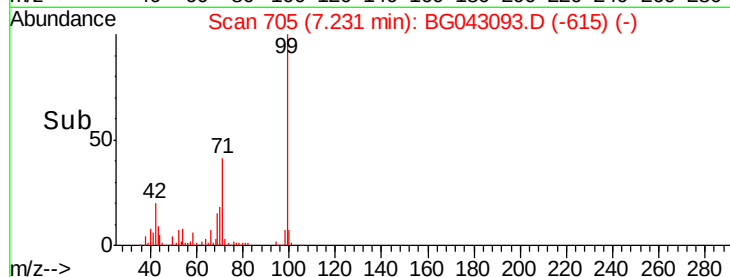
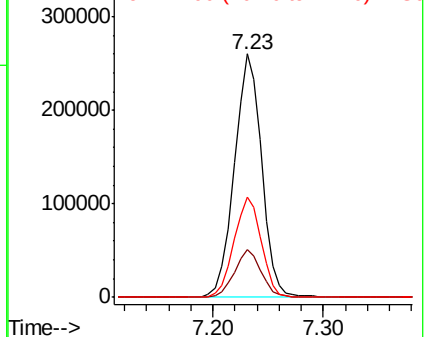
99 100

42 19.6 17.2 25.8

71 41.3 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: 45.357 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

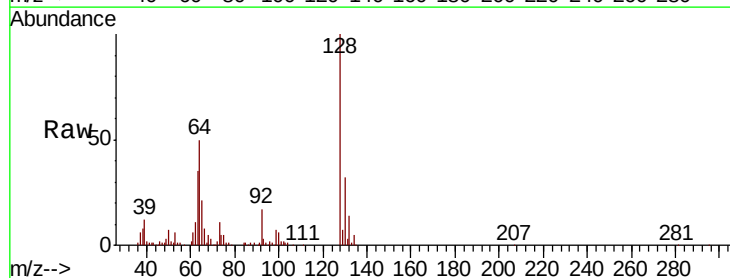
Tgt Ion: 128 Resp: 128425

Ion Ratio Lower Upper

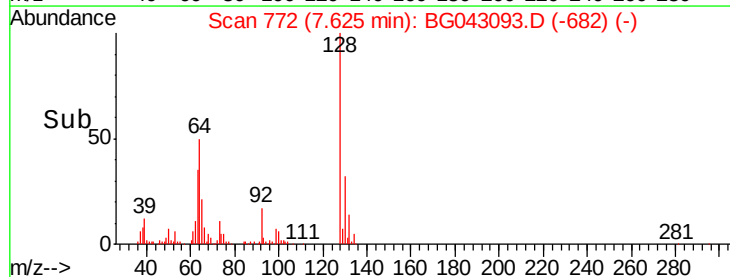
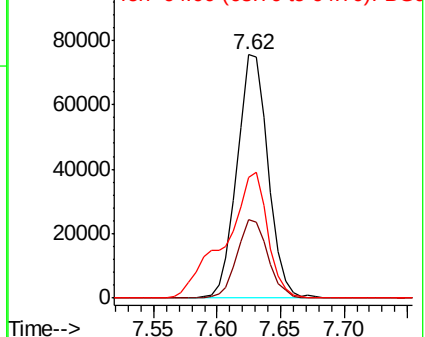
128 100

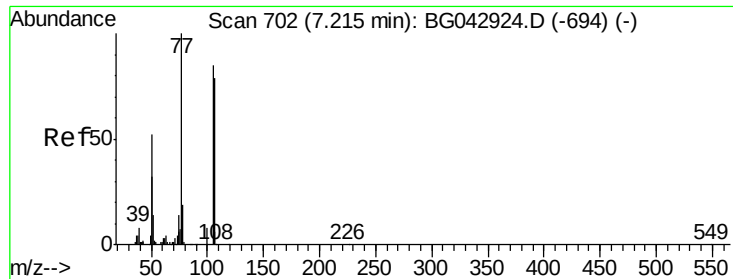
130 32.0 12.5 52.5

64 49.7 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: 33.928 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleID :

PB123740BS

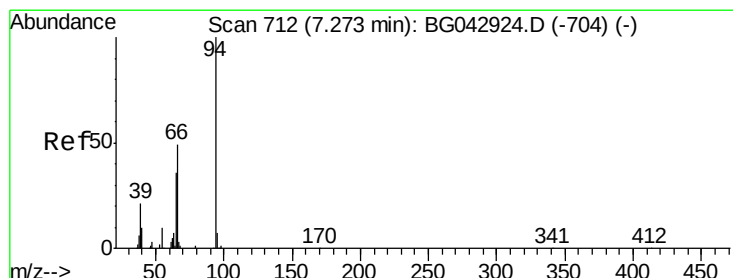
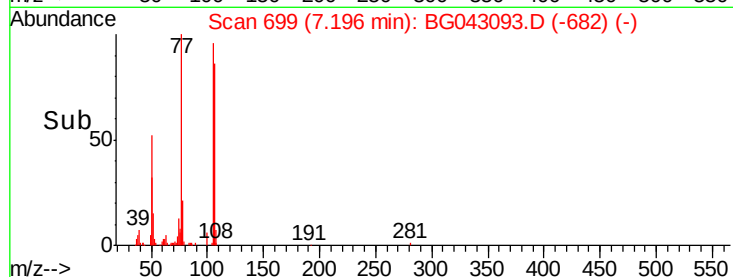
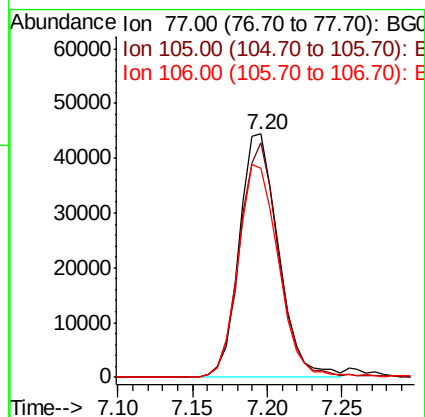
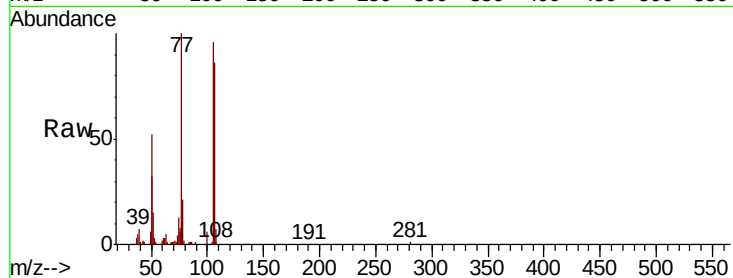
Tot Ion: 77 Resp: 81060

Ion Ratio Lower Upper

77 100

105 96.3 64.6 104.6

106 85.7 59.4 99.4



#10

Phenol

Concen: 44.828 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

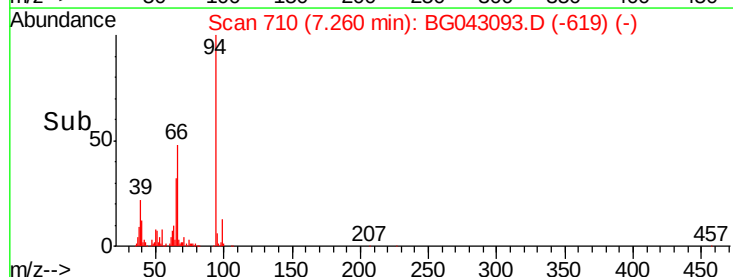
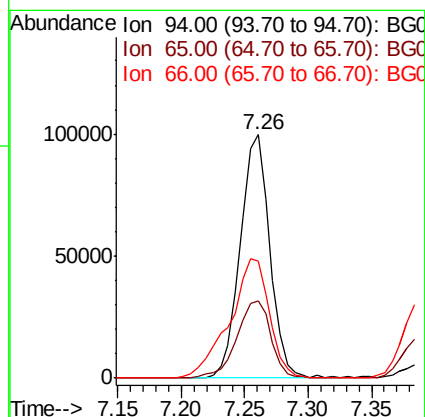
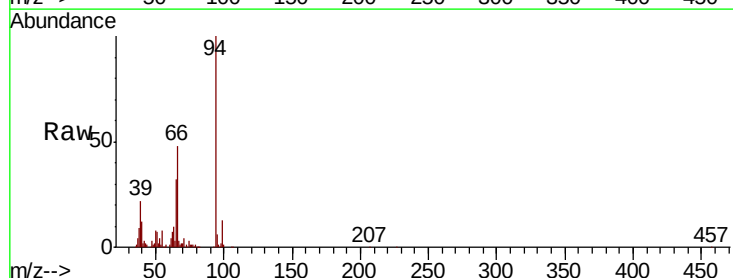
Tgt Ion: 94 Resp: 160803

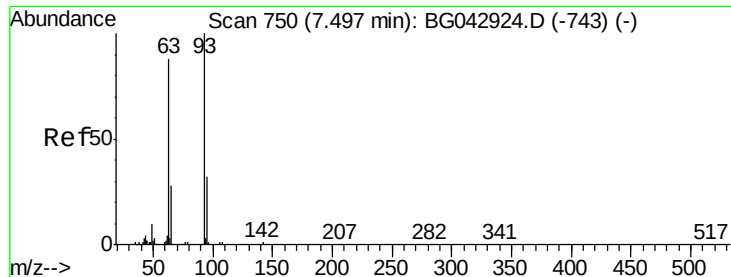
Ion Ratio Lower Upper

94 100

65 31.7 16.6 56.6

66 47.9 32.4 72.4

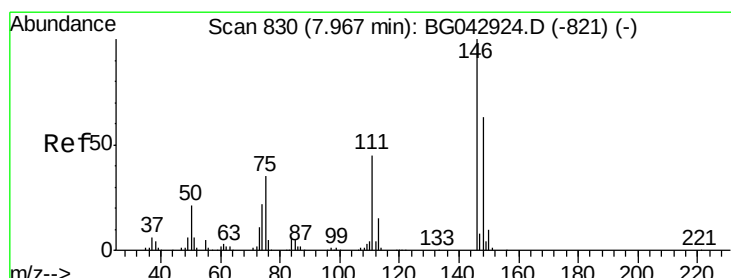
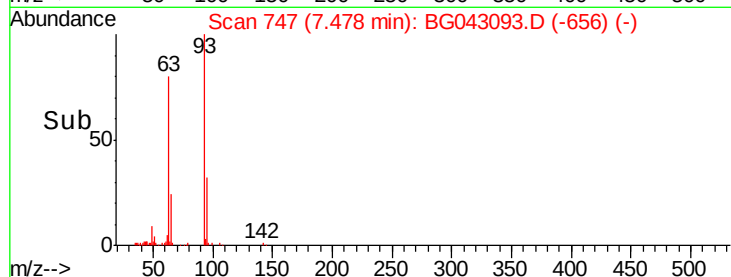
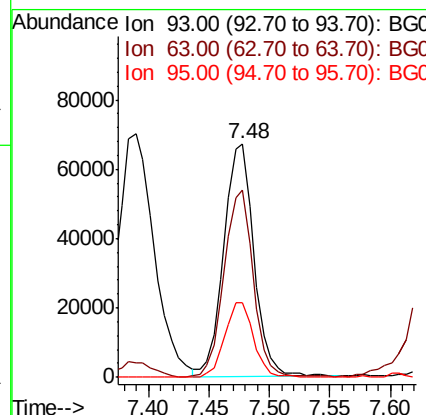
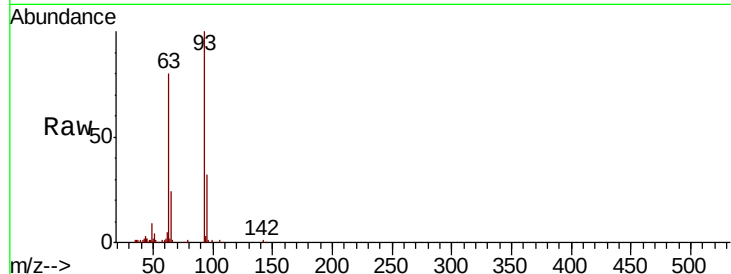




#11
bis(2-Chloroethyl)ether
Concen: 41.836 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

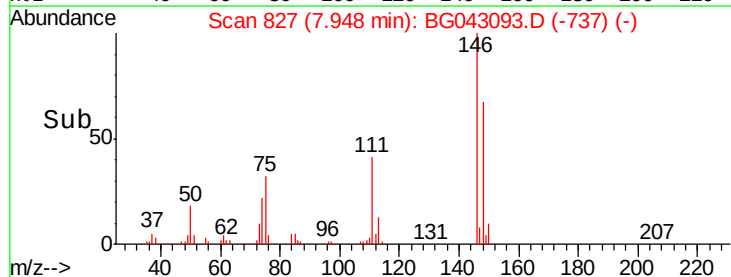
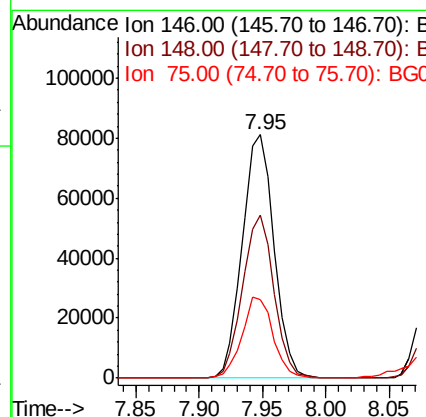
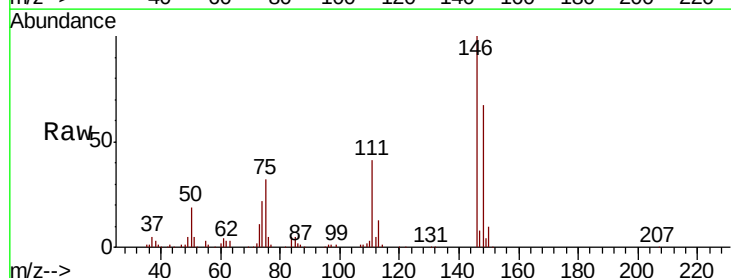
Instrument :
BNA_G
ClientSampleId :
PB123740BS

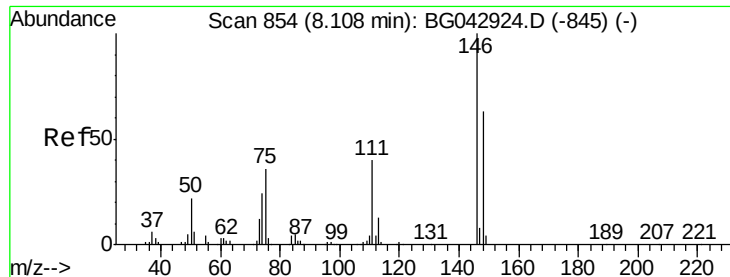
Tot Ion	93	Resp	116115
Ion Ratio	Lower	Upper	
93	100		
63	80.2	67.4	107.4
95	32.1	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 39.071 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	146	Resp	141125
Ion Ratio	Lower	Upper	
146	100		
148	67.0	50.7	76.1
75	32.3	27.7	41.5

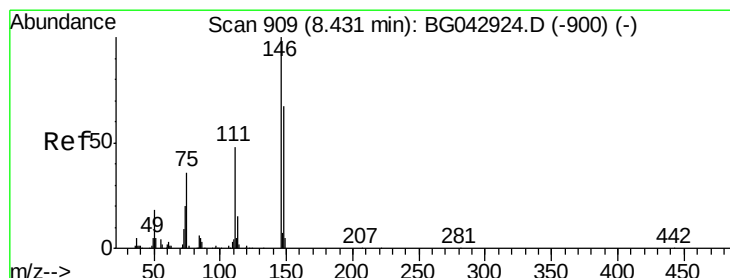
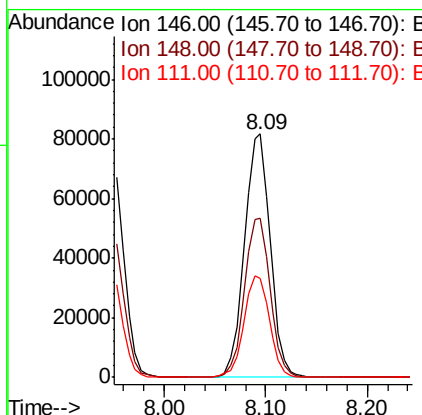
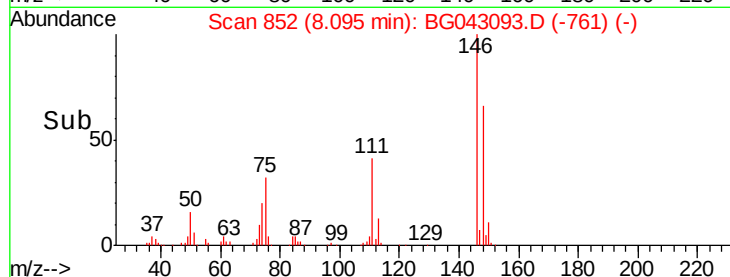
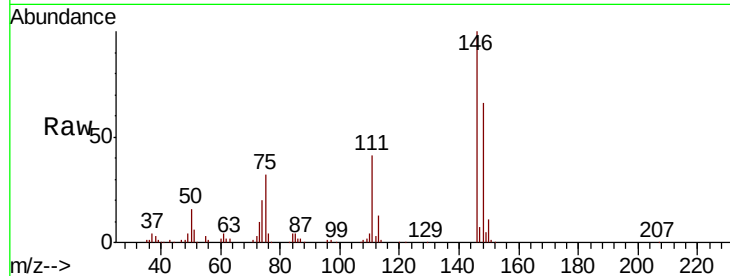




#13
 1,4-Dichlorobenzene
 Concen: 39.814 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

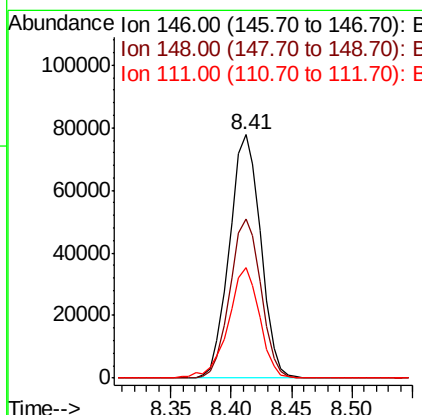
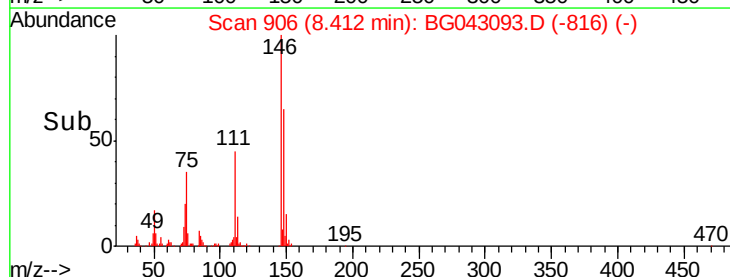
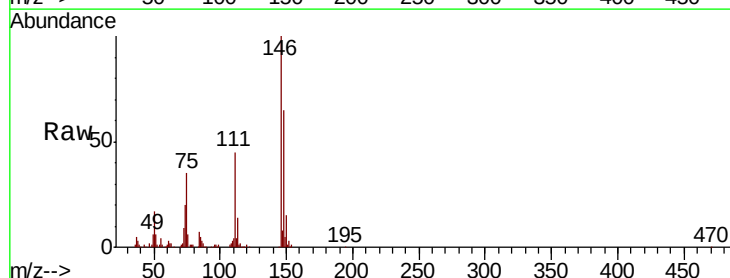
Instrument :
 BNA_G
 ClientSampleID :
 PB123740BS

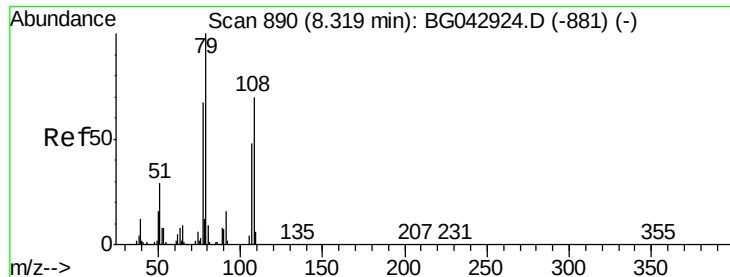
Tot Ion:146 Resp: 143359
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.9 76.3
 111 40.7 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 40.887 ng
 RT: 8.41 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion:146 Resp: 140161
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.4 80.2
 111 45.2 38.5 57.7





#15

Benzyl Alcohol

Concen: 40.056 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

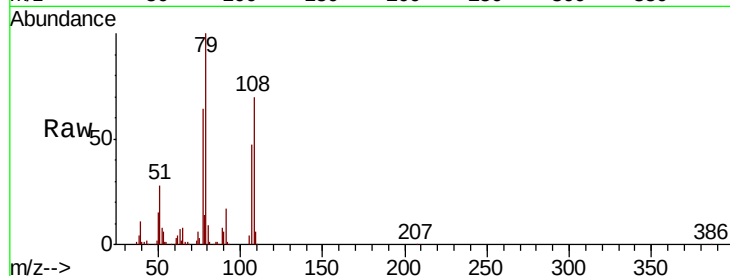
Tot Ion: 79 Resp: 117744

Ion Ratio Lower Upper

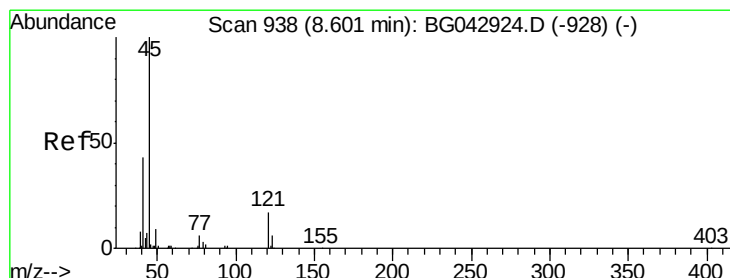
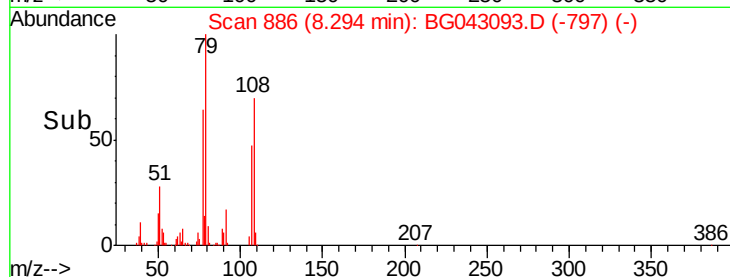
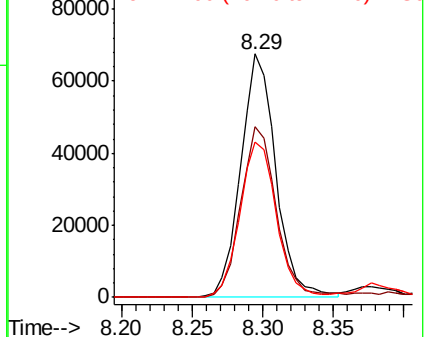
79 100

108 70.0 55.7 83.5

77 63.8 53.3 79.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.434 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

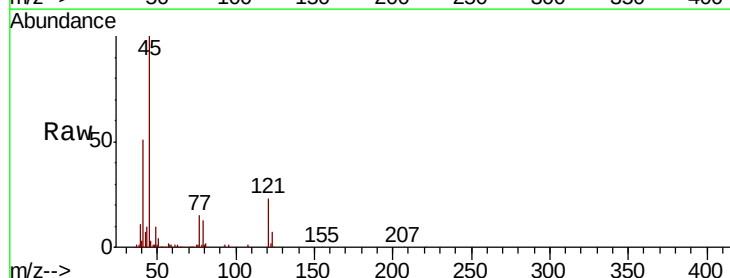
Tgt Ion: 45 Resp: 162220

Ion Ratio Lower Upper

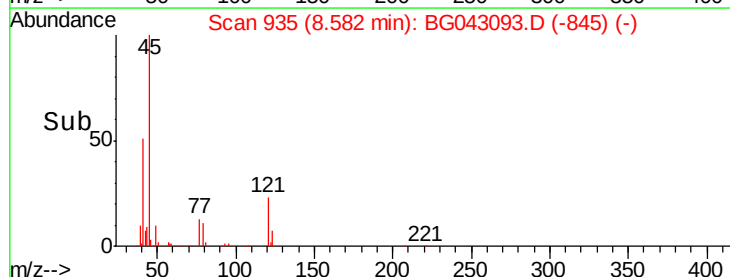
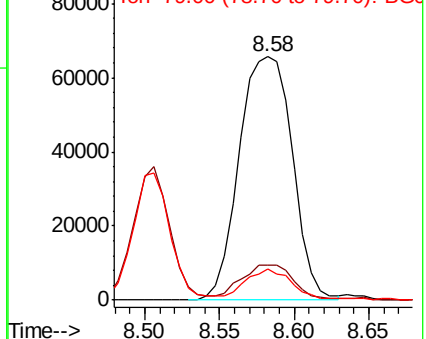
45 100

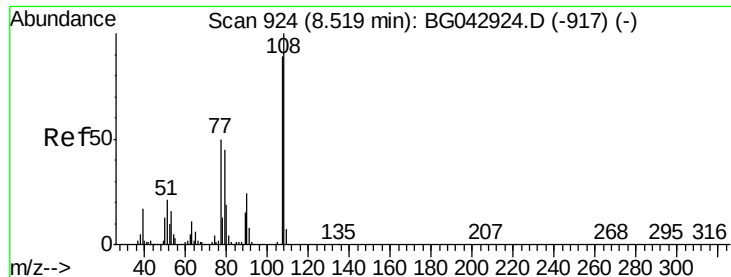
77 14.5 0.0 32.8

79 12.7 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 45.082 ng

RT: 8.51 min Scan# 922

Delta R.T. 0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

Tot Ion:107 Resp: 113154

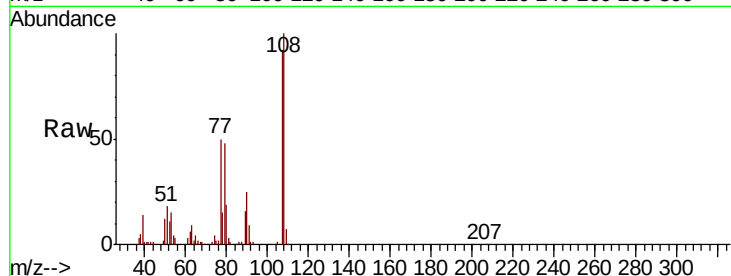
Ion Ratio Lower Upper

107 100

108 108.8 89.9 134.9

77 54.6 45.4 68.2

79 52.4 41.4 62.0

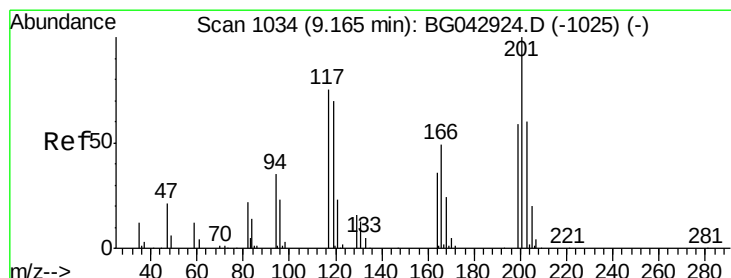
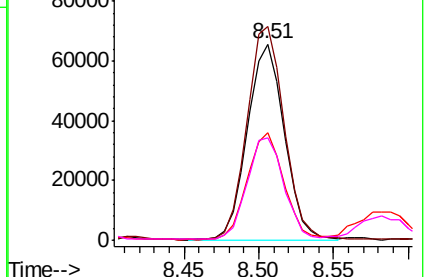
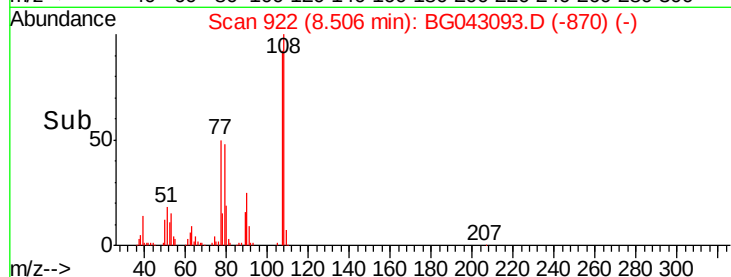


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.567 ng

RT: 9.15 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

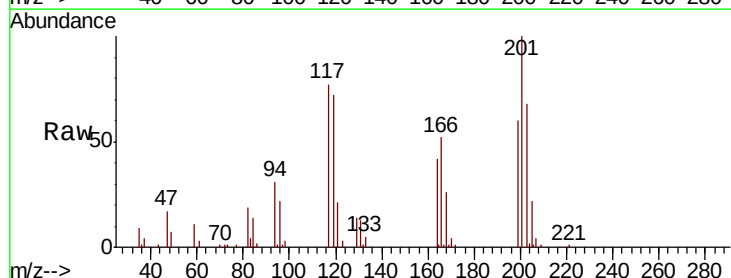
Tgt Ion:117 Resp: 52300

Ion Ratio Lower Upper

117 100

119 93.4 74.6 111.8

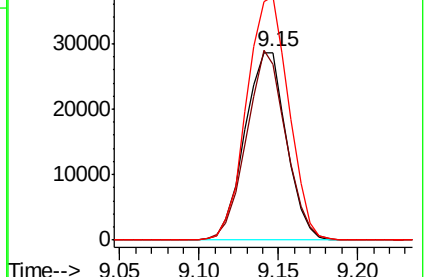
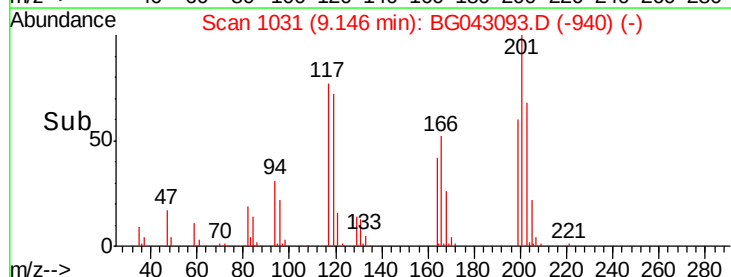
201 129.7 106.0 159.0

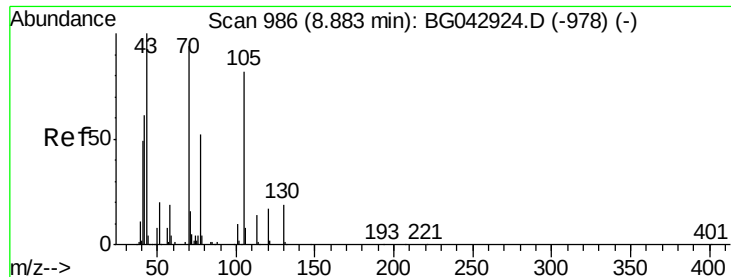


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

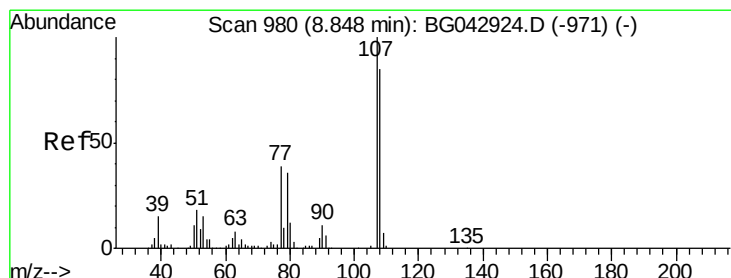
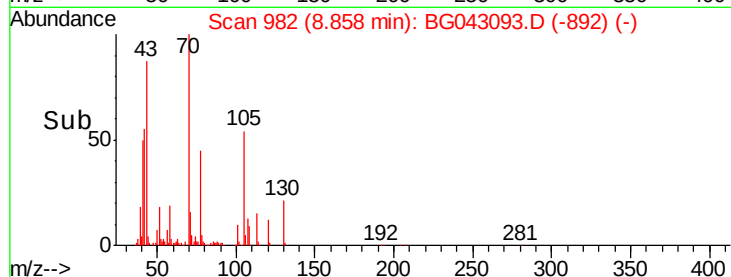
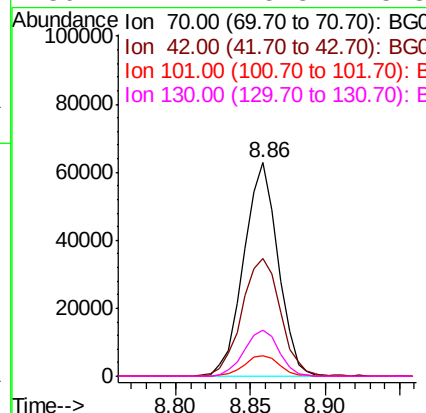
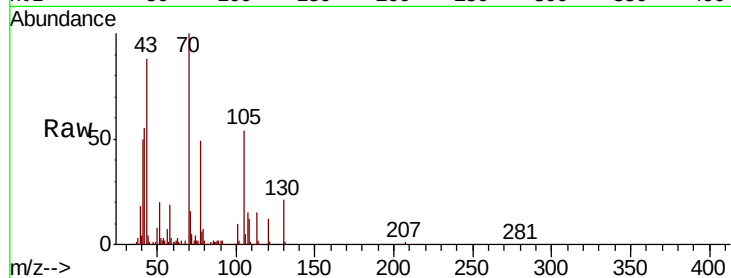




#19
n-Nitroso-di-n-propylamine
Concen: 38.968 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

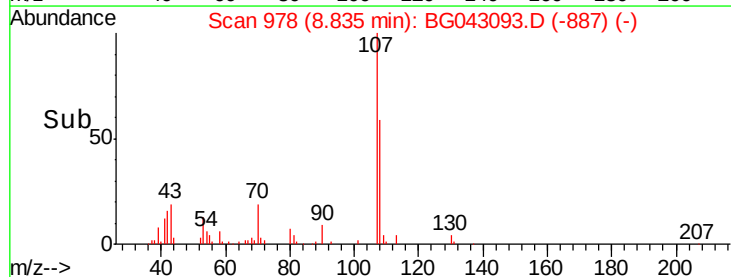
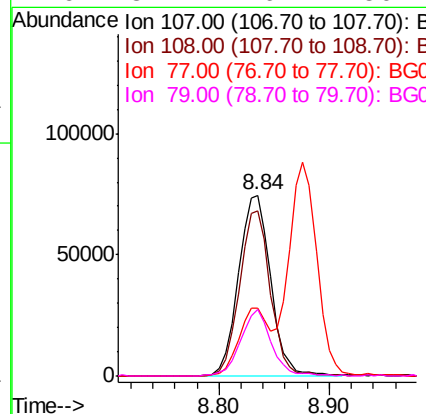
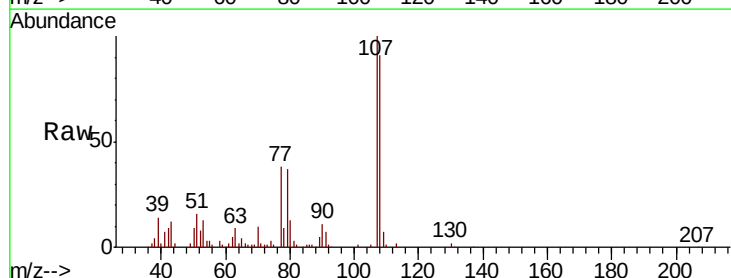
Instrument :
BNA_G
ClientSampleId :
PB123740BS

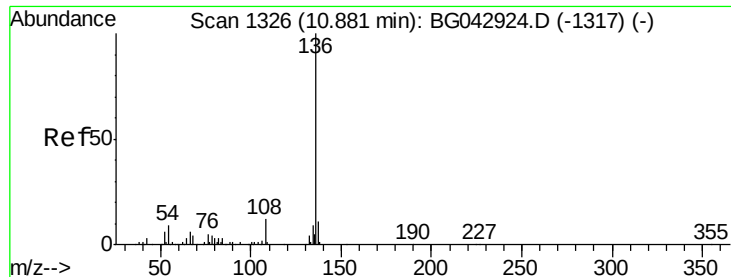
Tot Ion: 70 Resp: 100043
Ion Ratio Lower Upper
70 100
42 55.4 52.6 79.0
101 9.6 8.7 13.1
130 21.4 15.8 23.8



#20
3+4-Methylphenols
Concen: 44.455 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion: 107 Resp: 152911
Ion Ratio Lower Upper
107 100
108 91.4 64.9 104.9
77 37.8 19.4 59.4
79 37.1 16.2 56.2

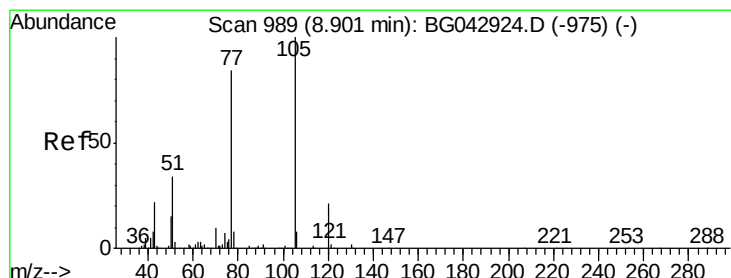
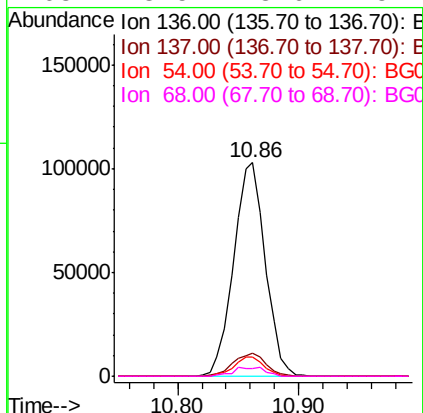
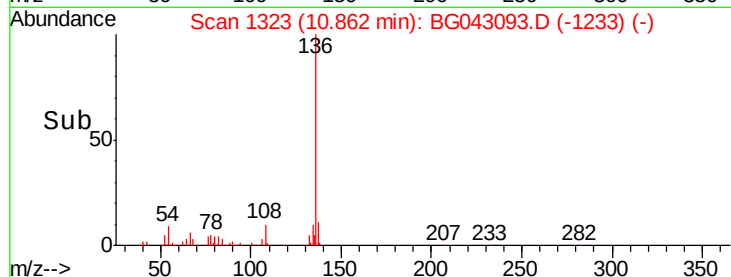
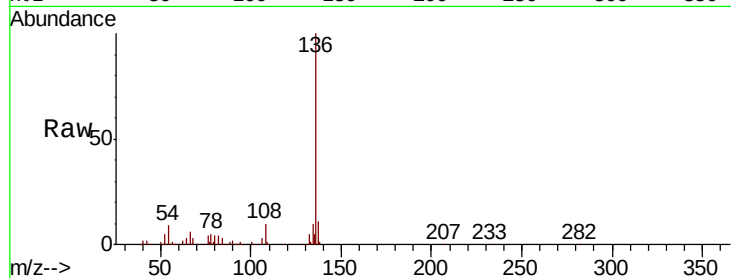




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

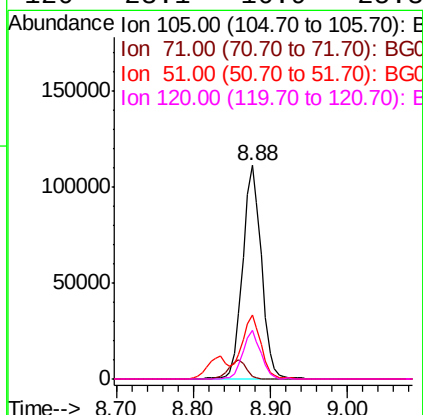
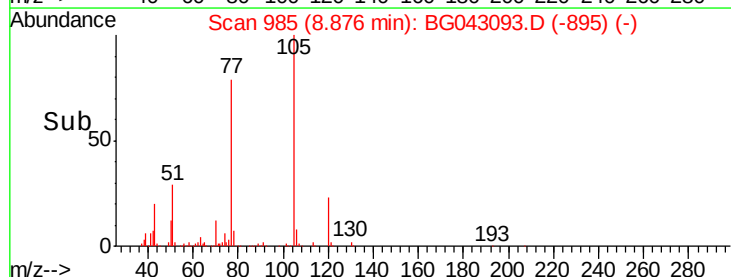
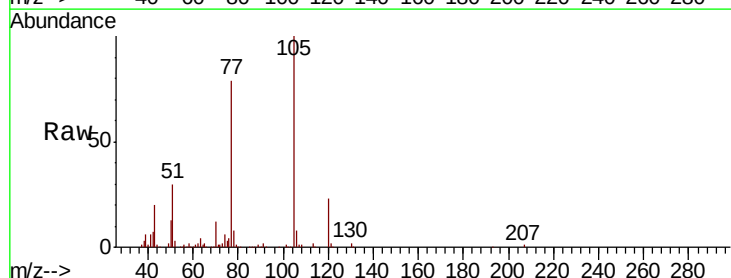
Instrument :
BNA_G
ClientSampleId :
PB123740BS

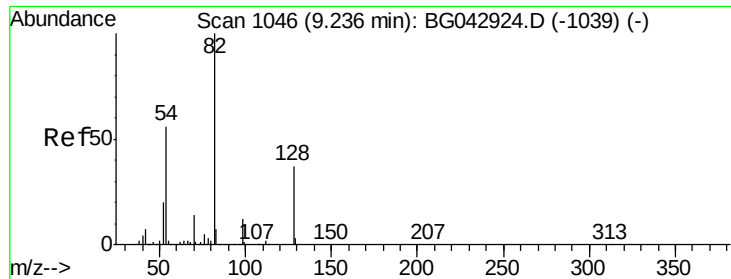
Tot Ion:136	Resp:	187383
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	8.7	7.4 11.2
68	3.5	3.6 5.4#



#22
Acetophenone
Concen: 39.475 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:105	Resp:	190668
Ion Ratio	Lower	Upper
105	100	
71	1.3	1.2 1.8
51	29.7	27.2 40.8
120	23.1	16.9 25.3

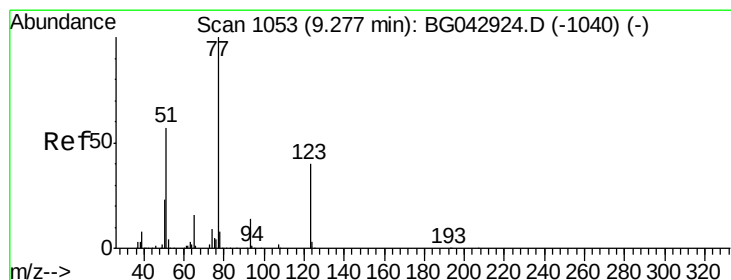
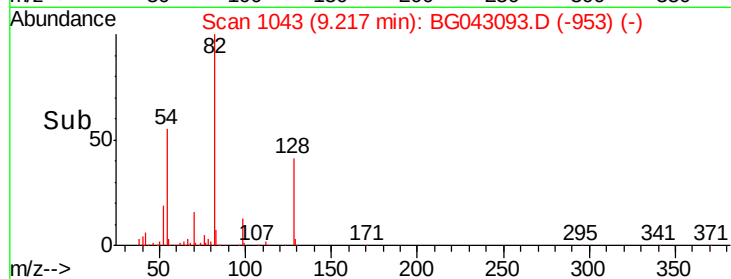
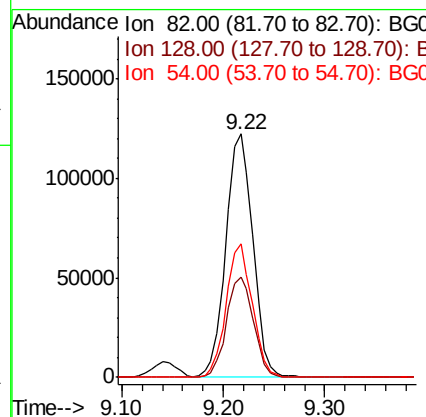
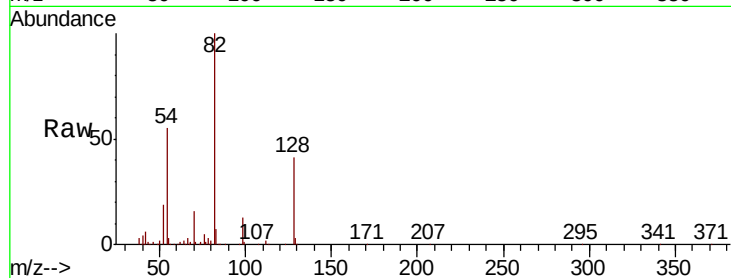




#23
 Nitrobenzene-d5
 Concen: 58.820 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

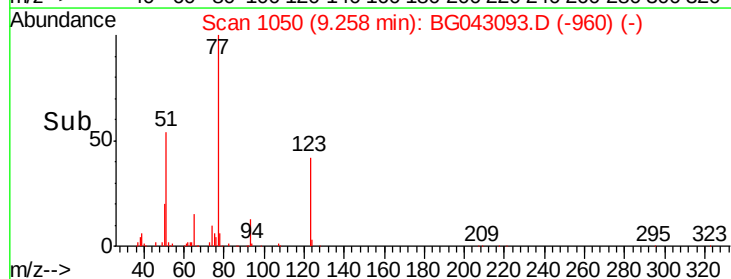
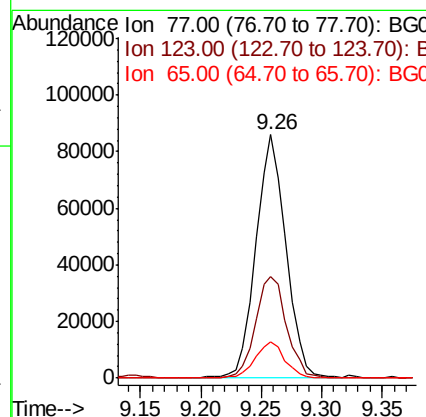
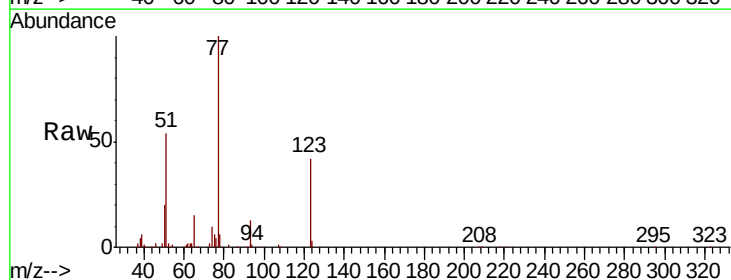
Instrument :
 BNA_G
 ClientSampleId :
 PB123740BS

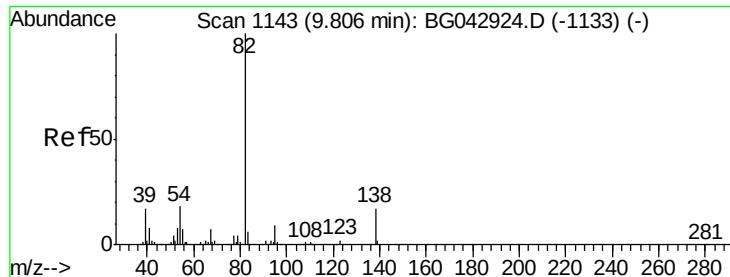
Tot Ion: 82 Resp: 226763
 Ion Ratio Lower Upper
 82 100
 128 41.4 29.5 44.3
 54 54.6 44.6 67.0



#24
 Nitrobenzene
 Concen: 40.439 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion: 77 Resp: 148704
 Ion Ratio Lower Upper
 77 100
 123 41.6 31.9 47.9
 65 15.1 12.4 18.6





#25

Isophorone

Concen: 40.628 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

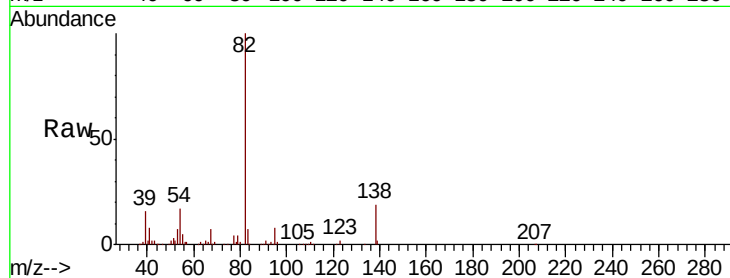
Tot Ion: 82 Resp: 275126

Ion Ratio Lower Upper

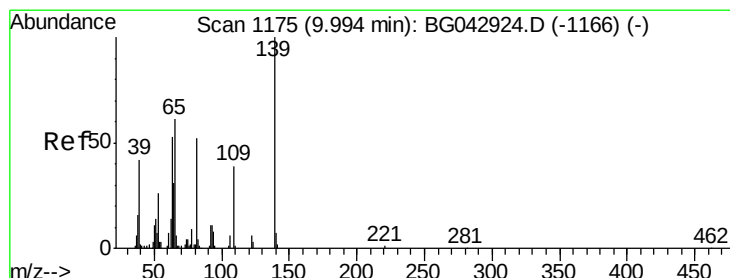
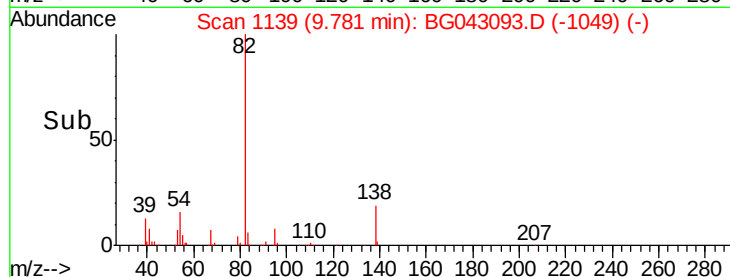
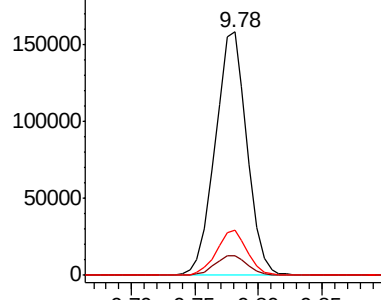
82 100

95 8.1 7.0 10.4

138 18.8 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: 48.277 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

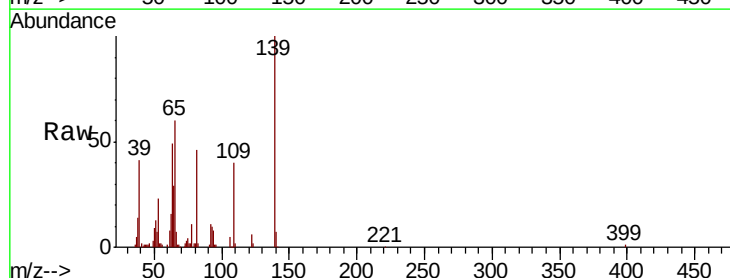
Tgt Ion: 139 Resp: 75574

Ion Ratio Lower Upper

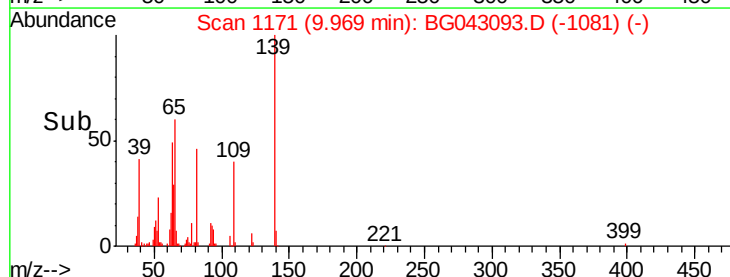
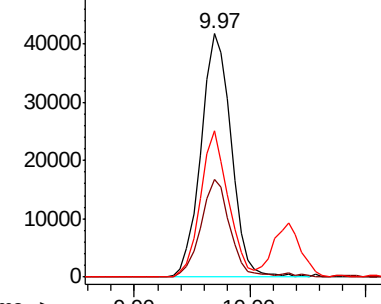
139 100

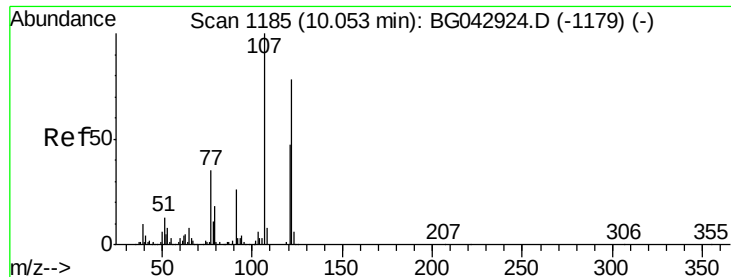
109 40.2 31.0 46.6

65 60.3 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

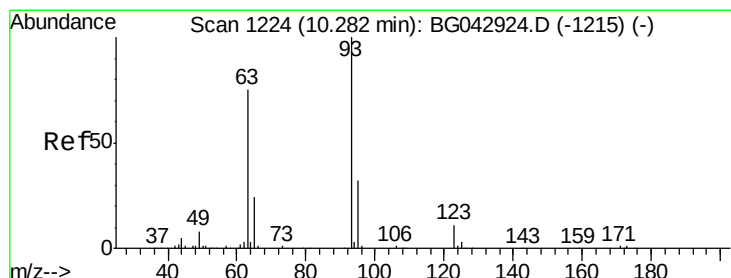
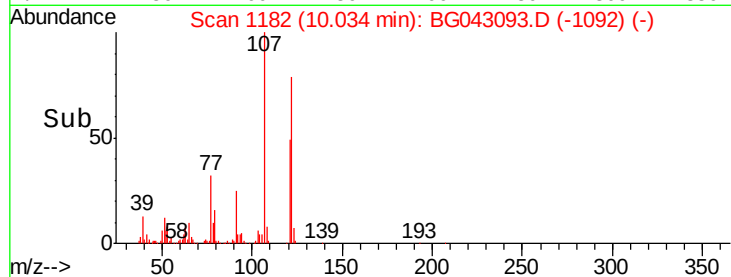
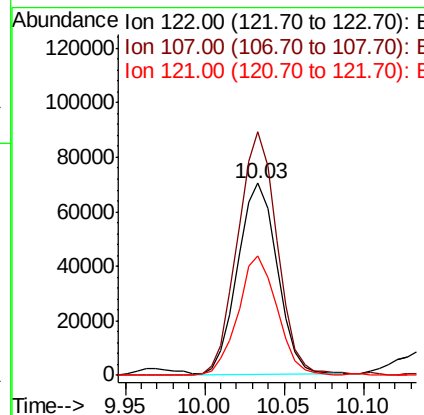
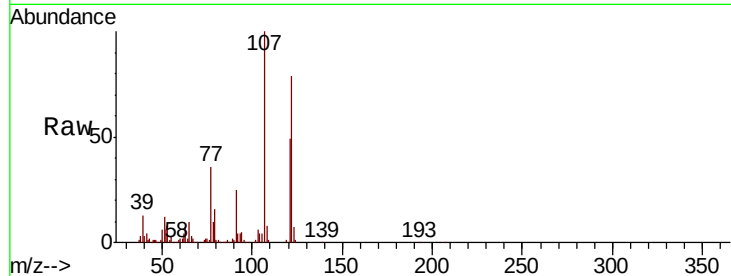




#27
2,4-Dimethylphenol
Concen: 50.774 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

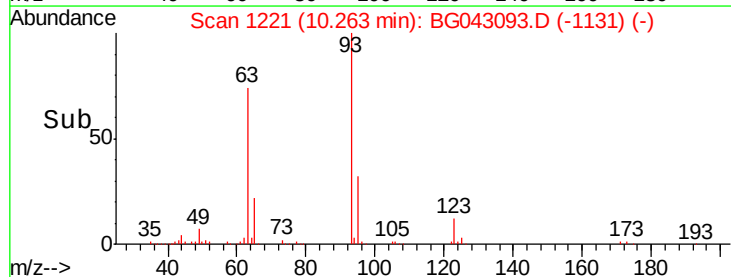
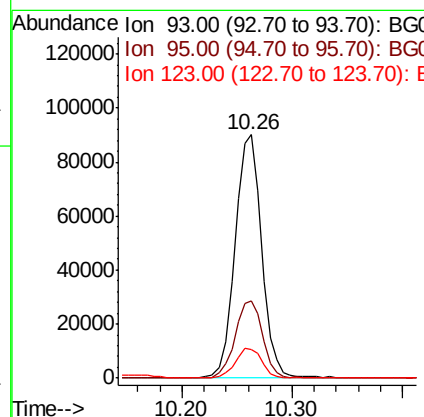
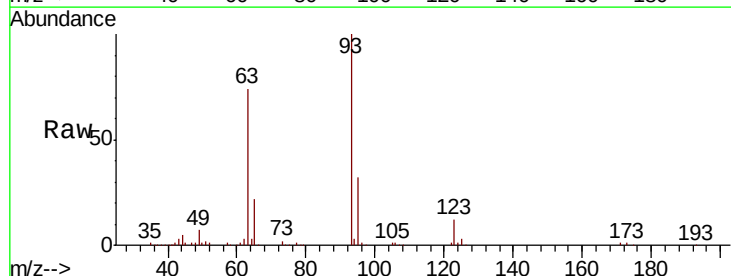
Instrument :
BNA_G
ClientSampleId :
PB123740BS

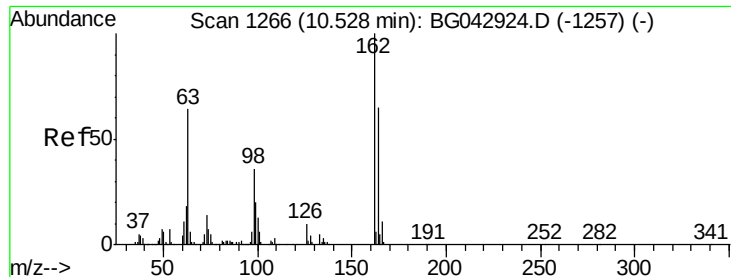
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.9	102.2	153.2
121	62.0	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.700 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.4	38.0
123	11.6	9.3	13.9

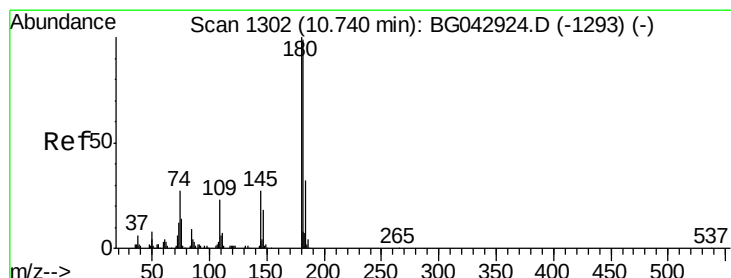
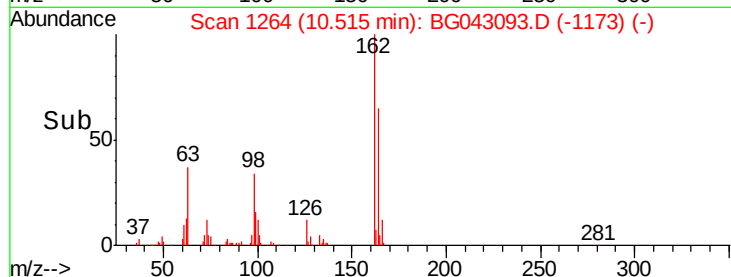
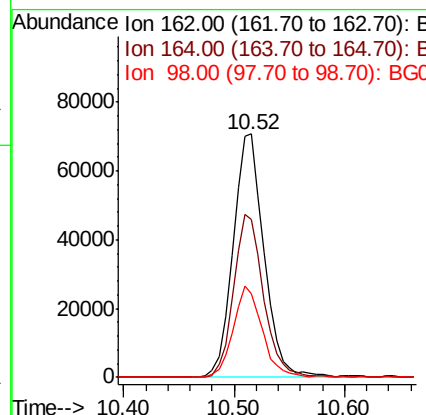
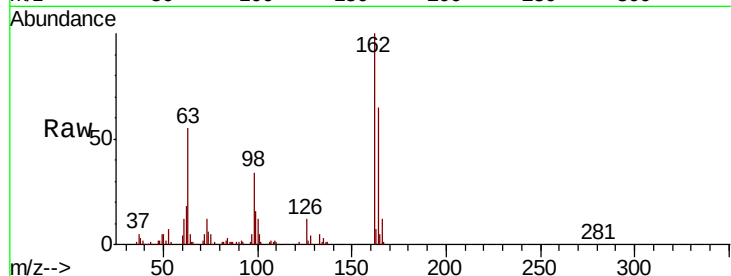




#29
 2,4-Dichlorophenol
 Concen: 46.388 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

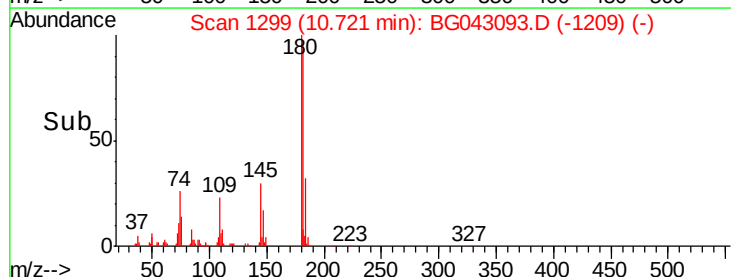
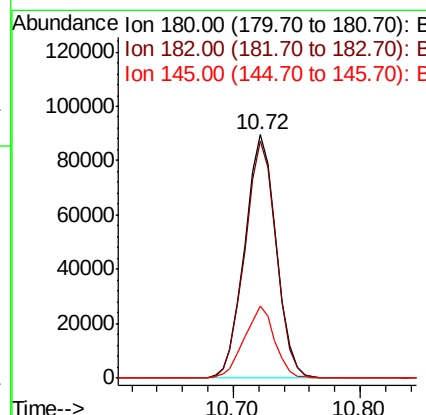
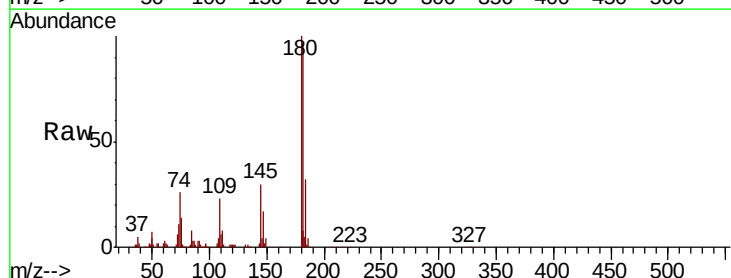
Instrument :
 BNA_G
 ClientSampleId :
 PB123740BS

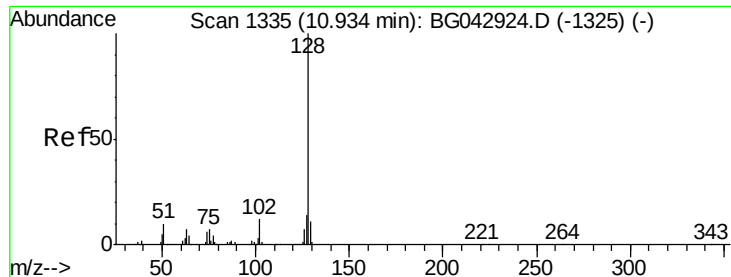
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.7	84.7
98	34.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.924 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	79.3	118.9
145	29.5	22.0	33.0

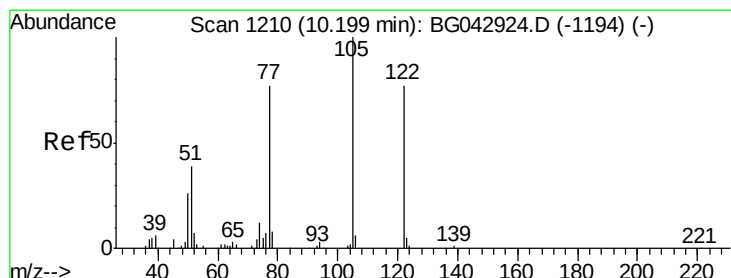
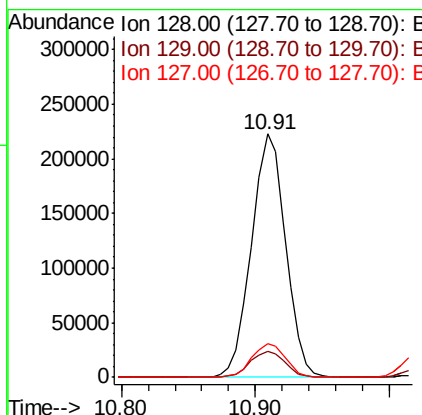
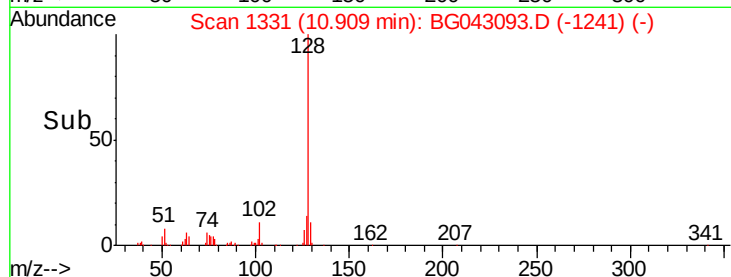
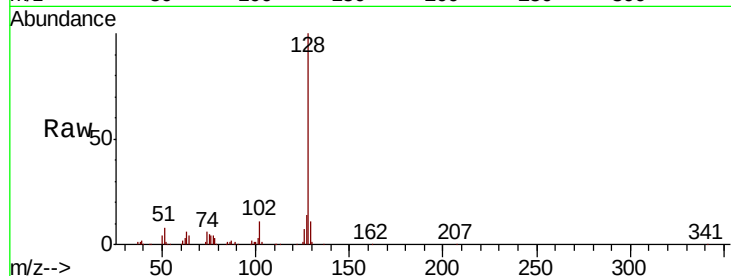




#31
Naphthalene
Concen: 42.577 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

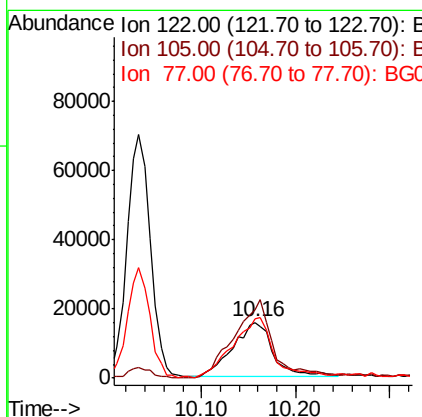
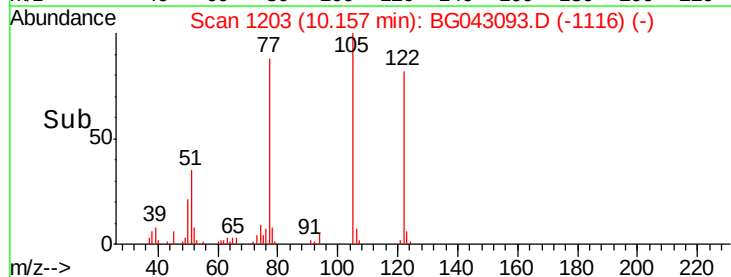
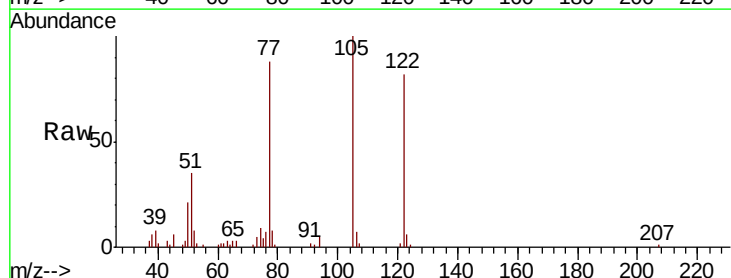
Instrument :
BNA_G
ClientSampleId :
PB123740BS

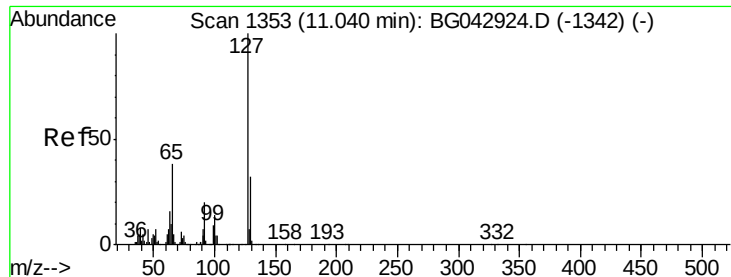
Tot Ion:128 Resp: 392740
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 14.0 11.3 16.9



#32
Benzoic acid
Concen: 27.785 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:122 Resp: 46535
Ion Ratio Lower Upper
122 100
105 122.2 107.5 147.5
77 107.6 79.8 119.8

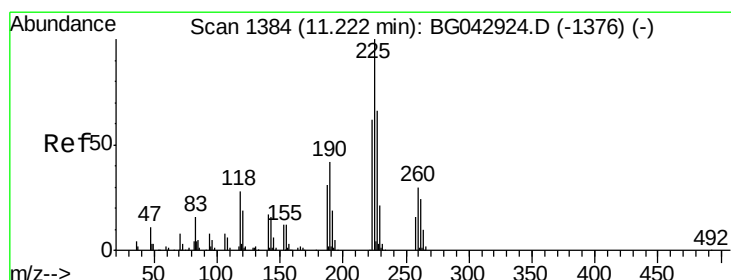
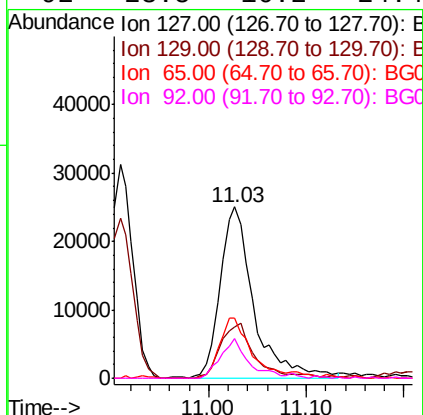
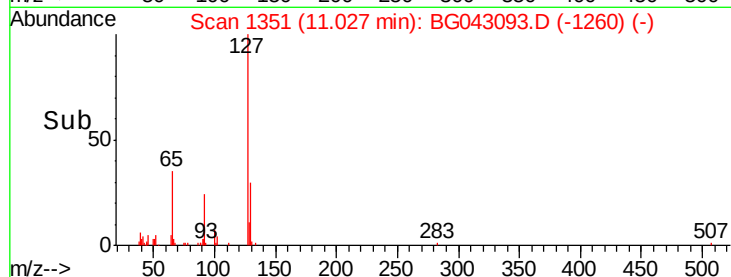
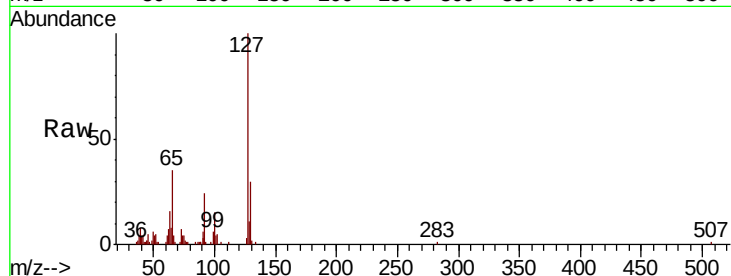




#33
4-Chloroaniline
Concen: 14.948 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

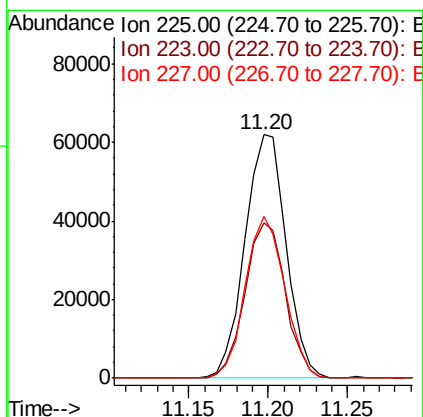
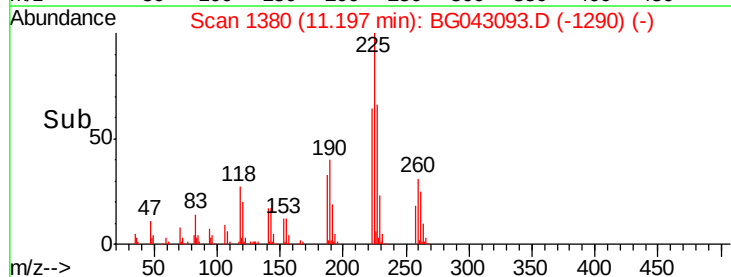
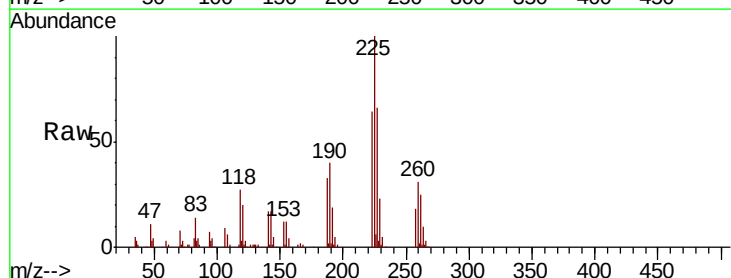
Instrument :
BNA_G
ClientSampleId :
PB123740BS

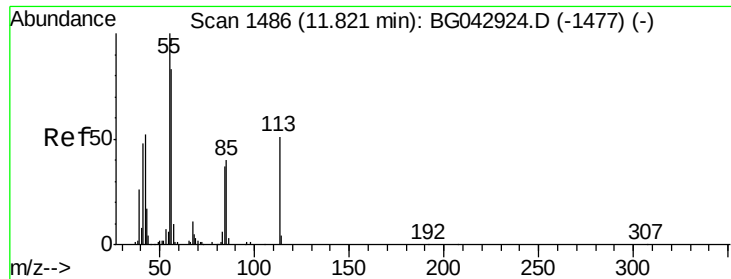
Tot Ion:127	Resp:	59830
Ion	Ratio	Lower Upper
127	100	
129	30.3	26.2 39.2
65	35.2	30.6 45.8
92	23.5	16.2 24.4



#34
Hexachlorobutadiene
Concen: 38.560 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:225	Resp:	111478
Ion	Ratio	Lower Upper
225	100	
223	63.5	49.3 73.9
227	66.3	52.8 79.2

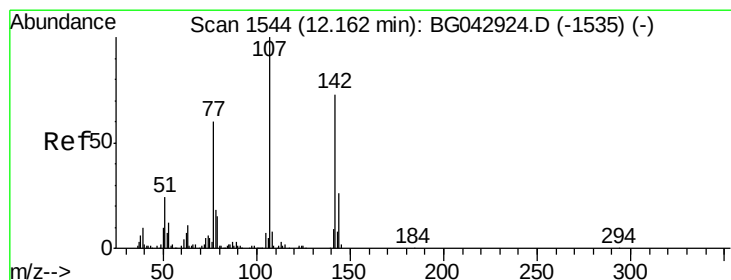
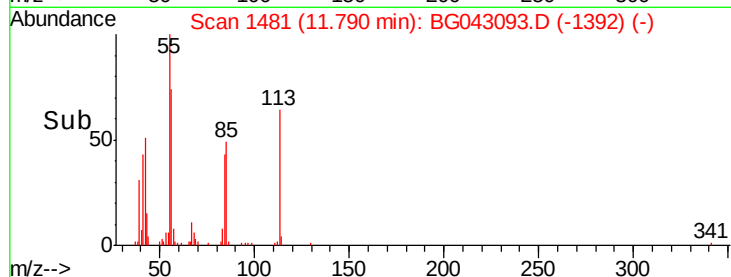
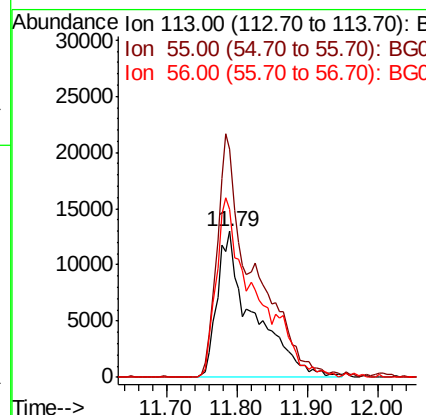
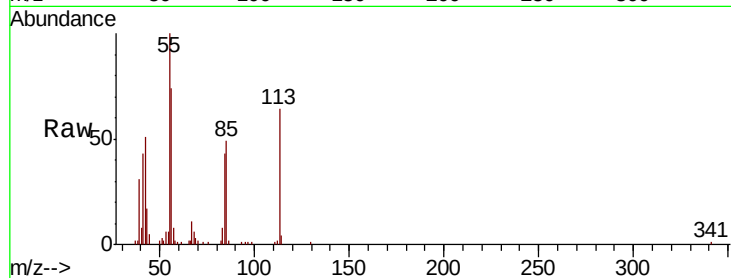




#35
 Caprolactam
 Concen: 43.595 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

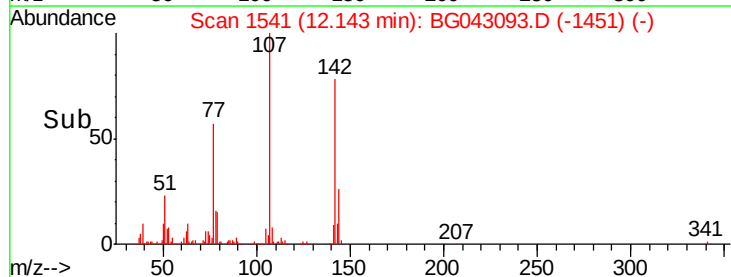
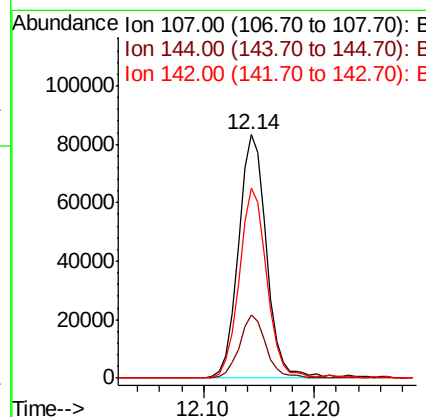
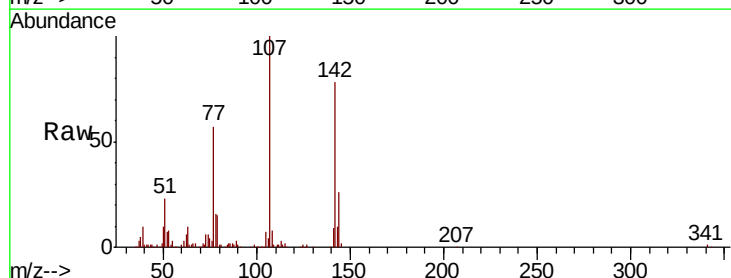
Instrument :
 BNA_G
 ClientSampleId :
 PB123740BS

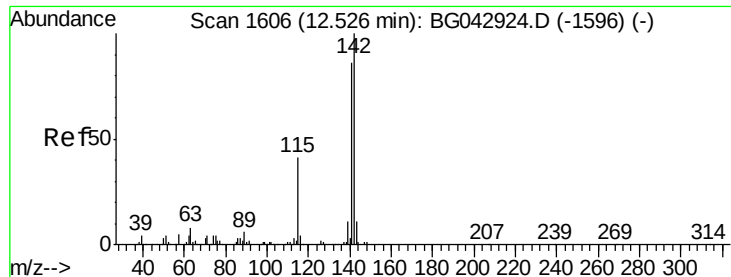
Tot Ion:113 Resp: 45966
 Ion Ratio Lower Upper
 113 100
 55 156.1 175.5 215.5#
 56 115.0 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 45.754 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion:107 Resp: 148741
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.7 31.1
 142 78.0 58.6 87.8

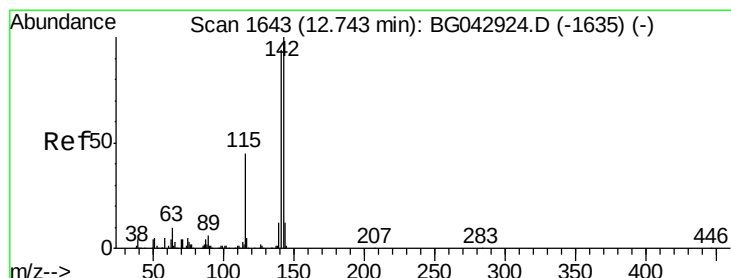
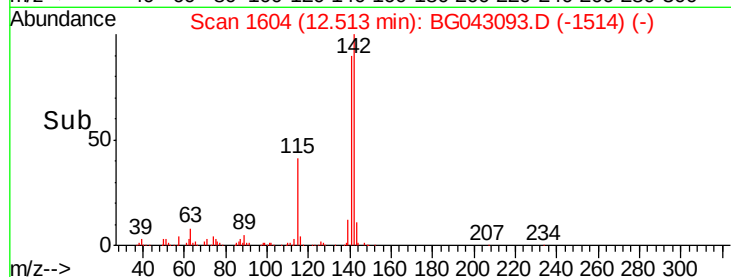
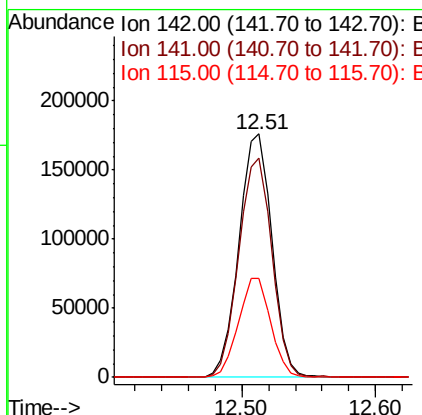
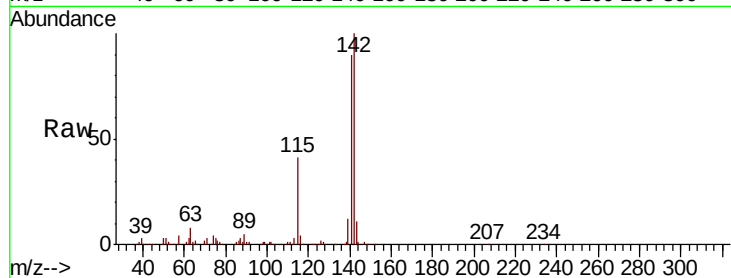




#37
 2-Methylnaphthalene
 Concen: 42.686 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

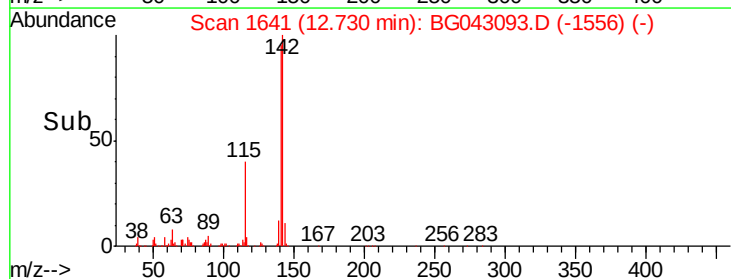
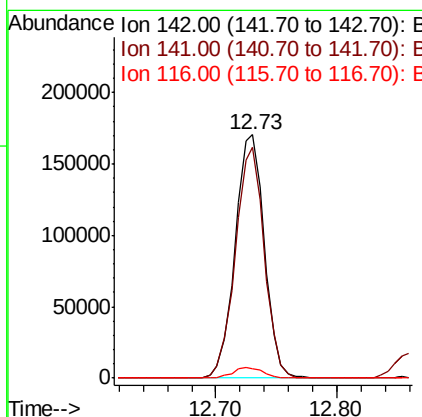
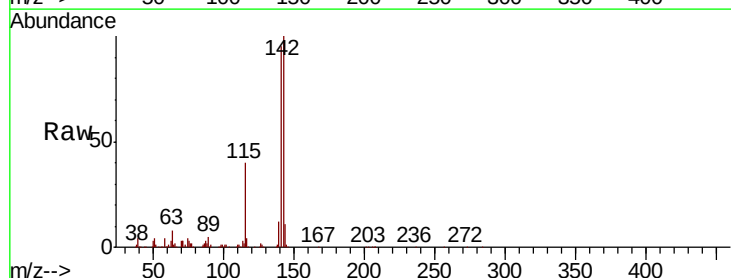
Instrument :
 BNA_G
 ClientSampleId :
 PB123740BS

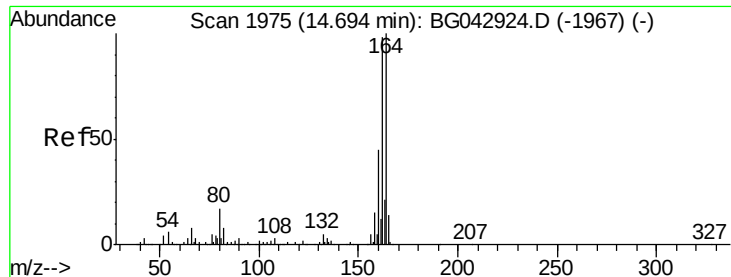
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.0	103.4
115	40.6	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 43.211 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	74.9	112.3
116	3.8	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

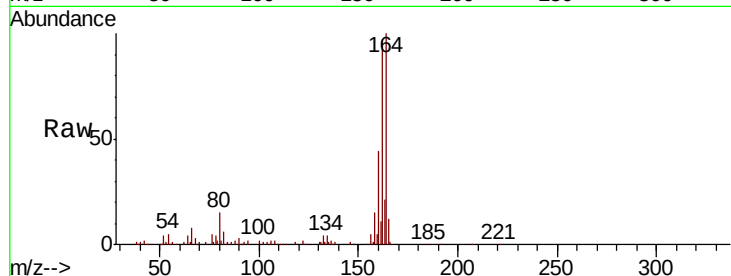
Tot Ion:164 Resp: 138816

Ion Ratio Lower Upper

164 100

162 97.2 78.5 117.7

160 43.9 35.9 53.9

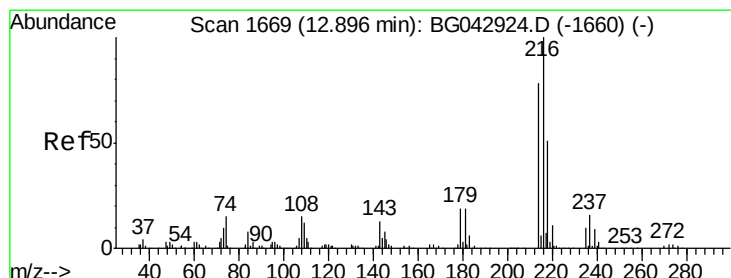
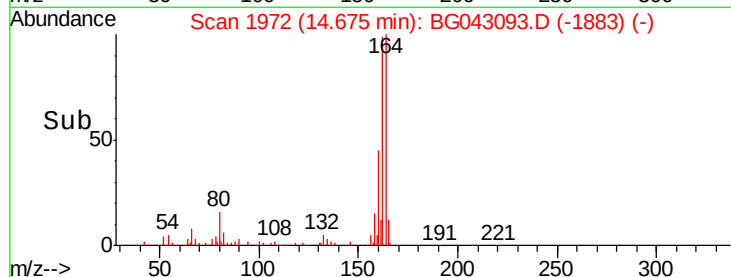
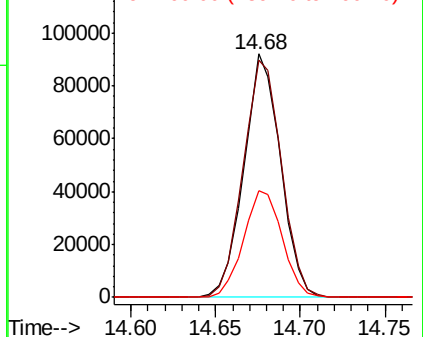


Abundance

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: 37.092 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Tgt Ion:216 Resp: 193599

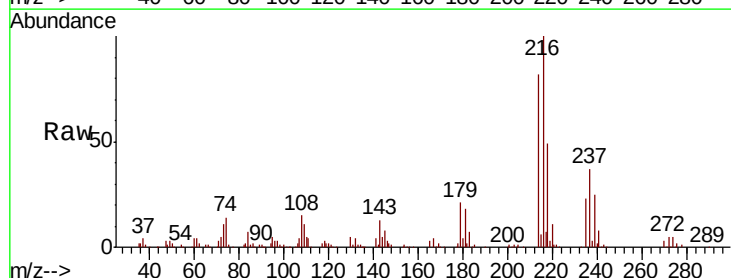
Ion Ratio Lower Upper

216 100

214 80.9 62.4 93.6

179 19.6 15.4 23.2

108 17.4 12.6 19.0



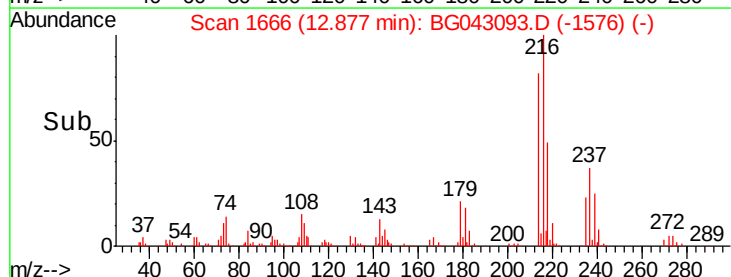
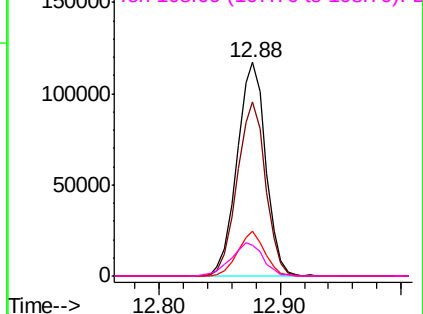
Abundance

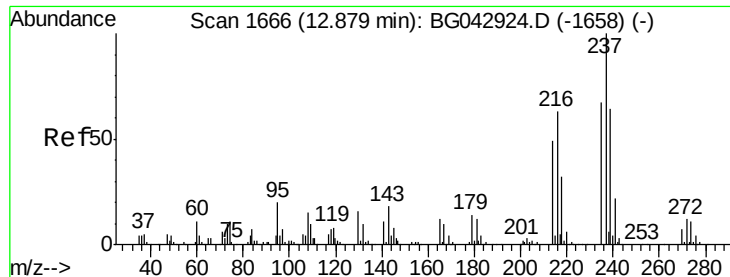
Ion 216.00 (215.70 to 216.70): E

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: 80.636 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

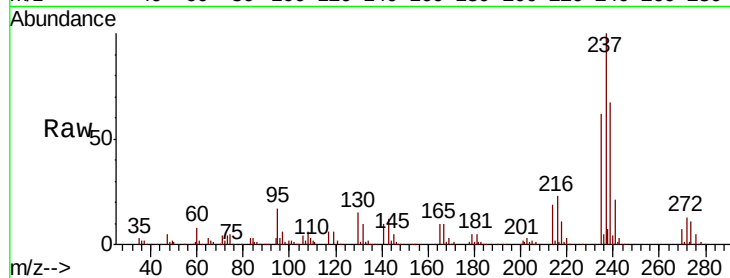
Tot Ion:237 Resp: 268158

Ion Ratio Lower Upper

237 100

235 62.3 46.7 86.7

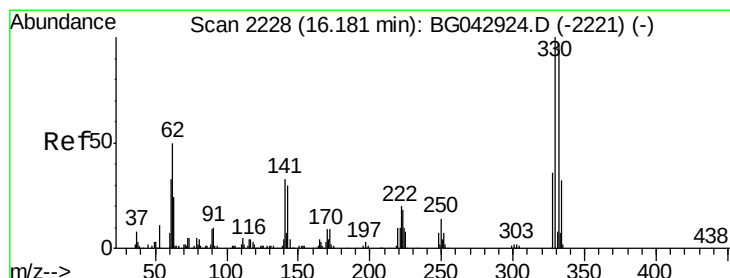
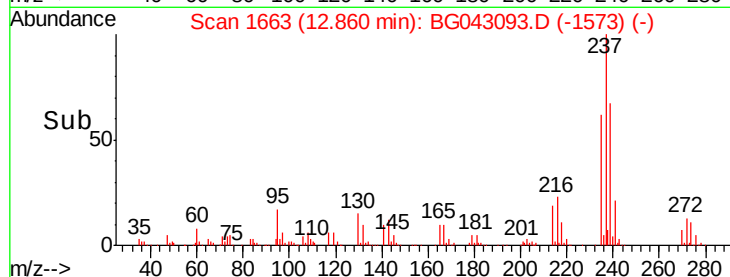
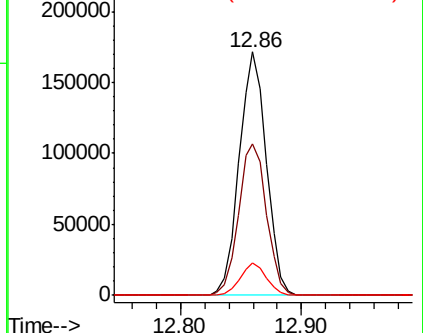
272 13.3 0.0 32.3



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: 119.993 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

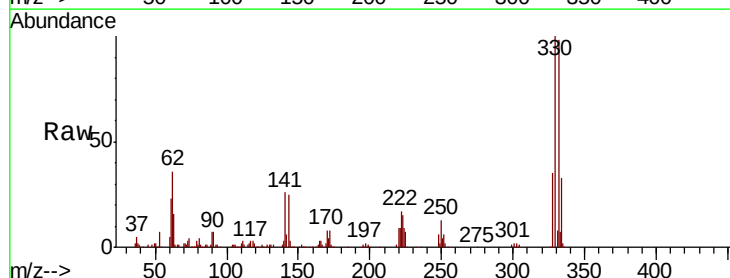
Tgt Ion:330 Resp: 286426

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.2

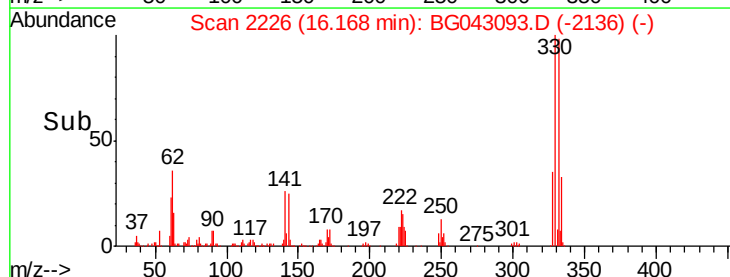
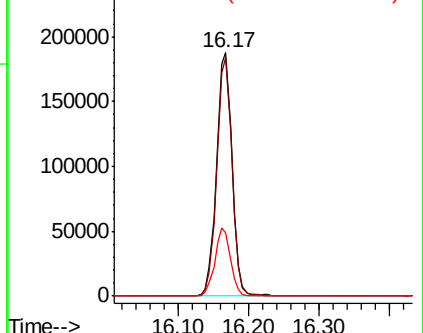
141 28.1 26.0 39.0

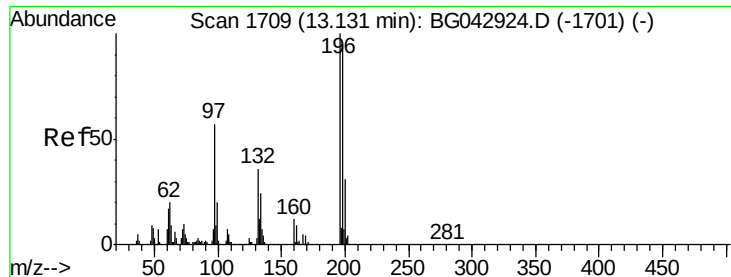


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

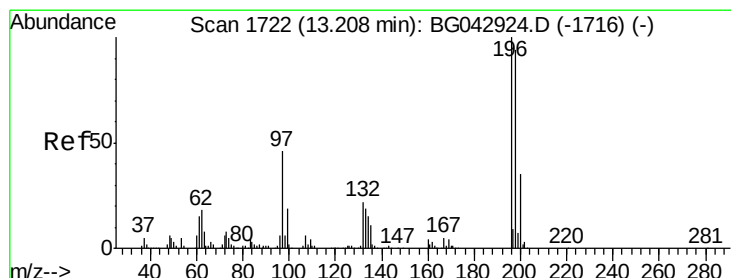
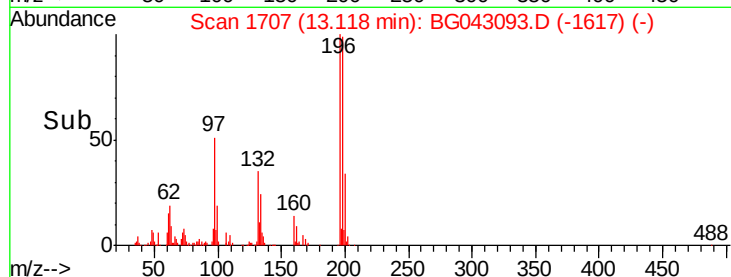
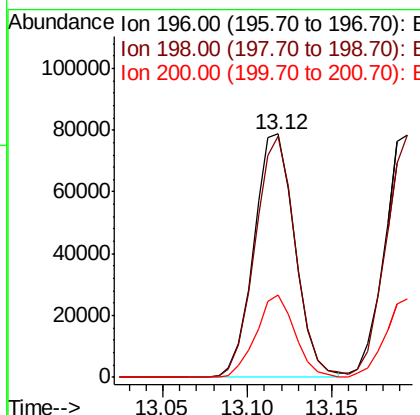
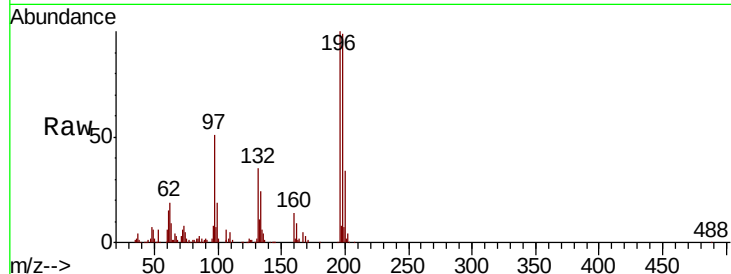




#43
 2,4,6-Trichlorophenol
 Concen: 43.327 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

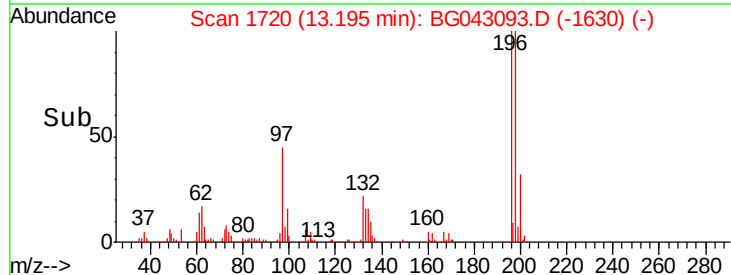
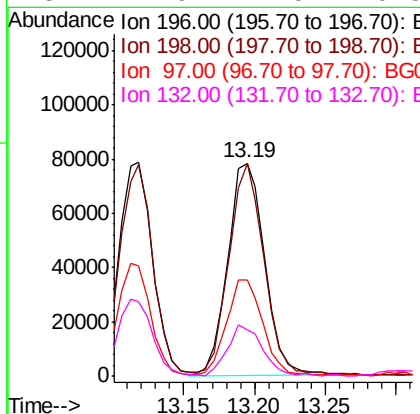
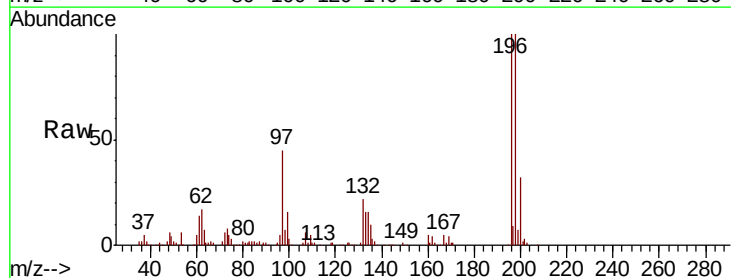
Instrument :
 BNA_G
 ClientSampleId :
 PB123740BS

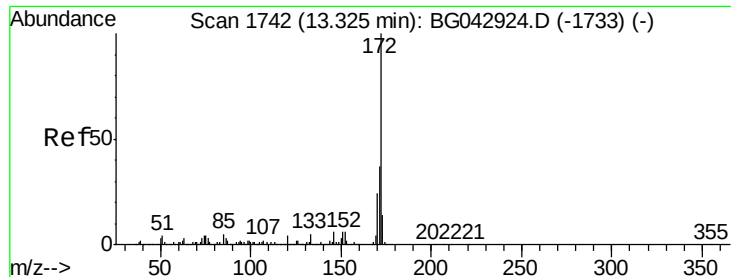
Tot Ion:196 Resp: 132360
 Ion Ratio Lower Upper
 196 100
 198 99.0 75.5 113.3
 200 33.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.117 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion:196 Resp: 141985
 Ion Ratio Lower Upper
 196 100
 198 100.1 75.1 112.7
 97 45.1 37.0 55.4
 132 21.9 17.5 26.3

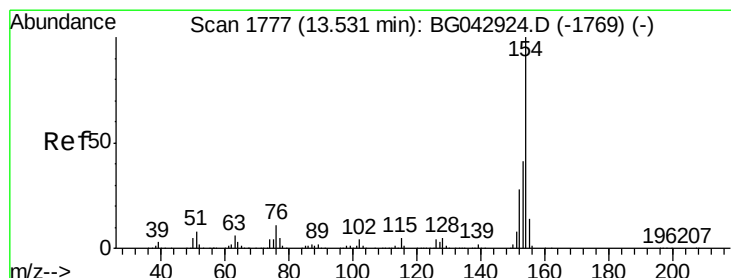
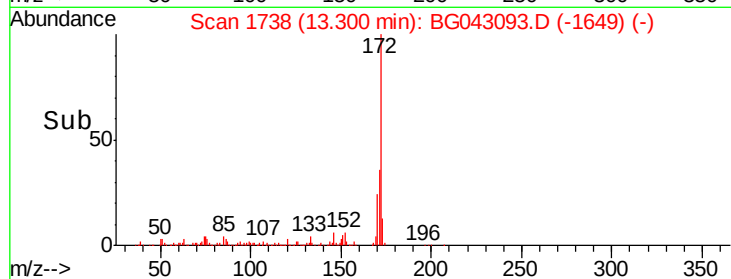
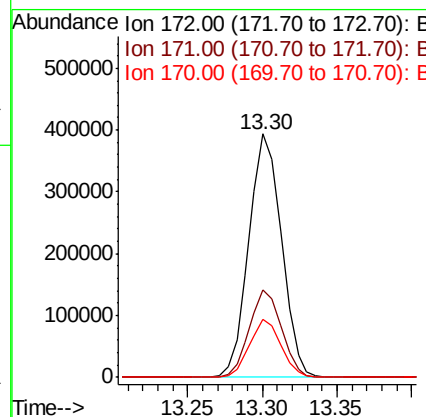
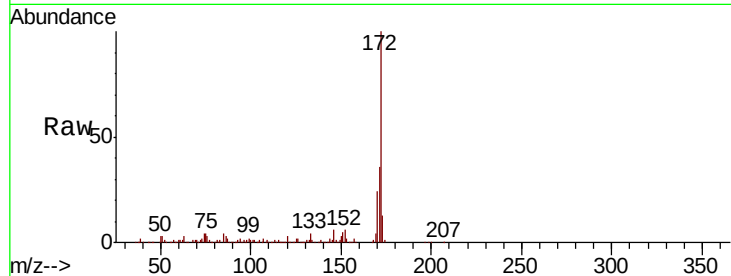




#45
2-Fluorobiphenyl
Concen: 62.313 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

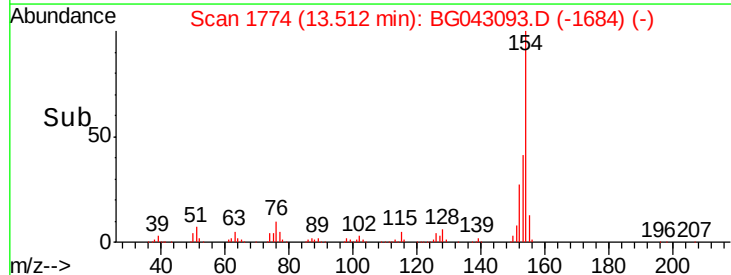
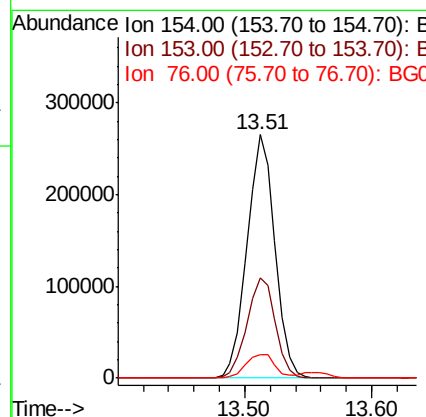
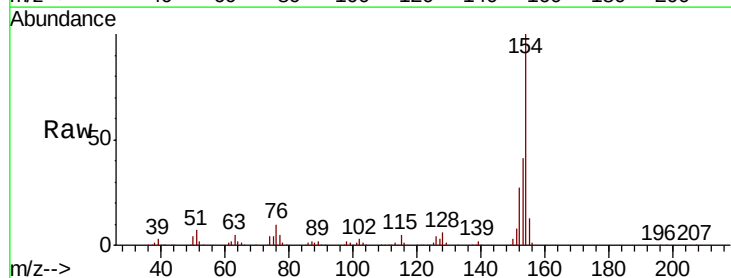
Instrument :
BNA_G
ClientSampleId :
PB123740BS

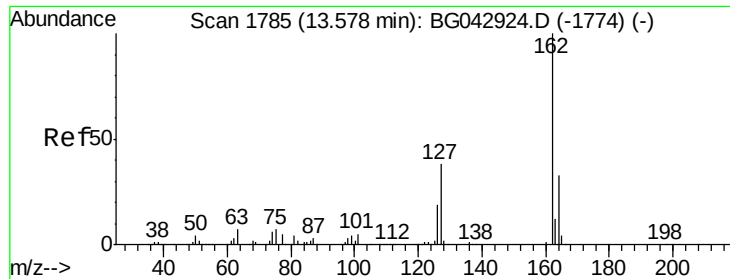
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	19.6	29.4



#46
1,1'-Biphenyl
Concen: 38.401 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	9.8	0.0	31.3





#47

2-Chloronaphthalene

Concen: 40.504 ng

RT: 13.56 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

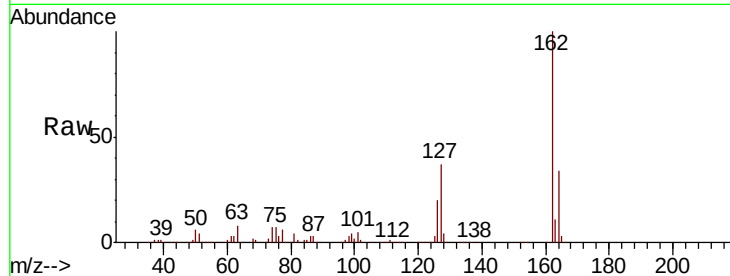
Tot Ion:162 Resp: 319679

Ion Ratio Lower Upper

162 100

127 37.0 31.0 46.6

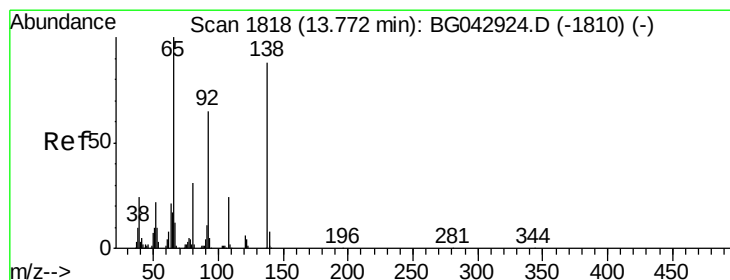
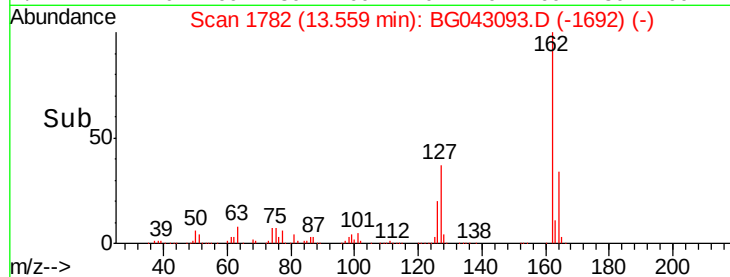
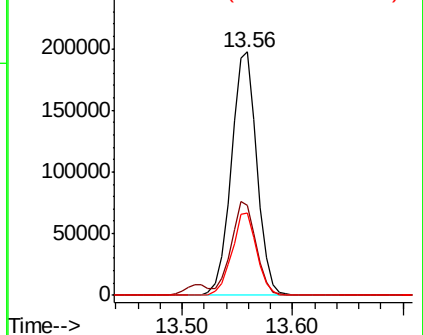
164 33.6 26.2 39.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.017 ng

RT: 13.76 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

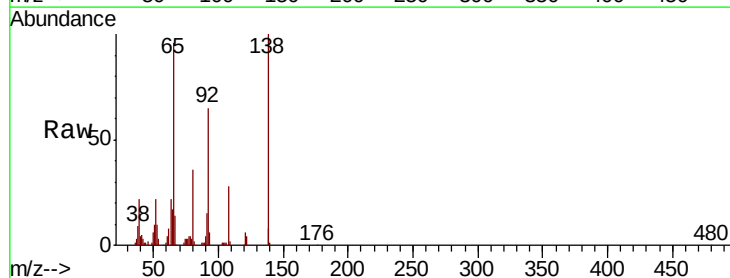
Tgt Ion: 65 Resp: 102407

Ion Ratio Lower Upper

65 100

92 67.9 52.0 78.0

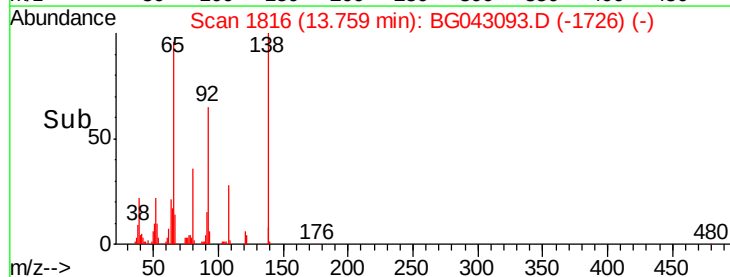
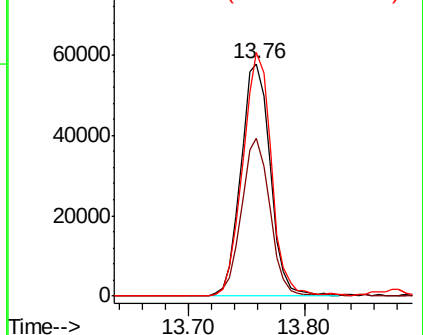
138 104.6 70.4 105.6

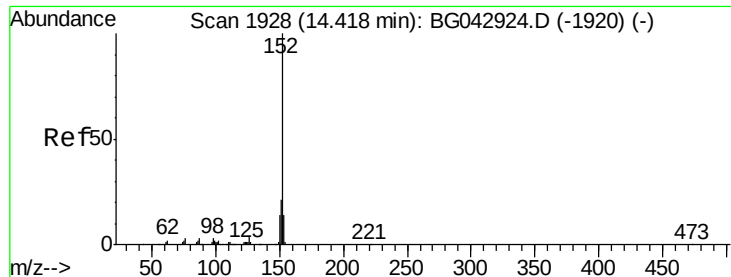


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.557 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

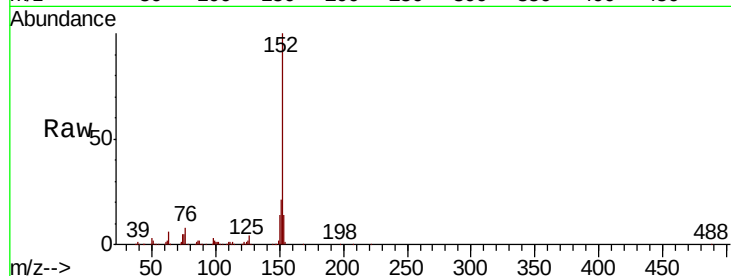
Tot Ion:152 Resp: 513953

Ion Ratio Lower Upper

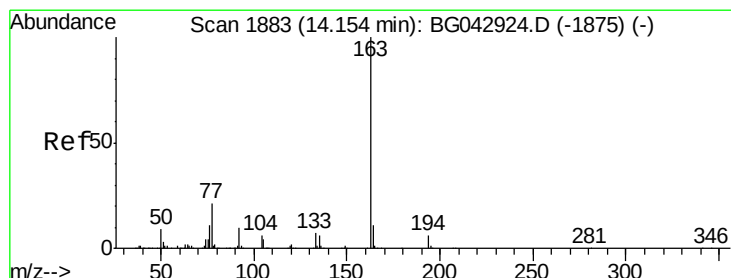
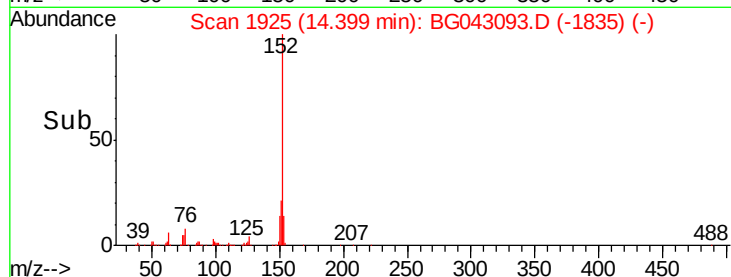
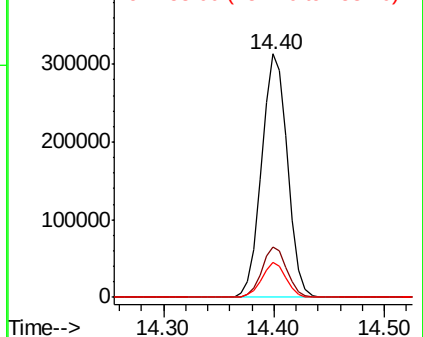
152 100

151 20.5 16.8 25.2

153 14.3 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: 40.552 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

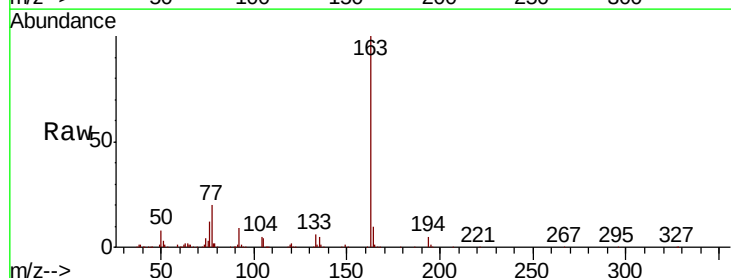
Tgt Ion:163 Resp: 421785

Ion Ratio Lower Upper

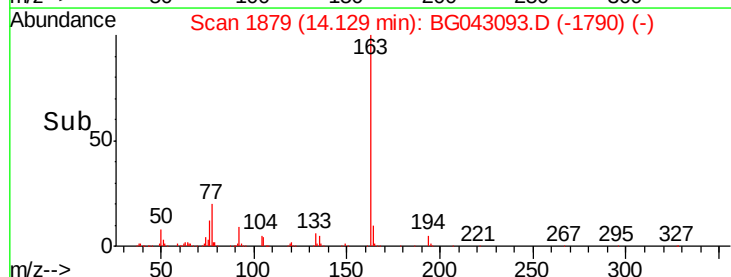
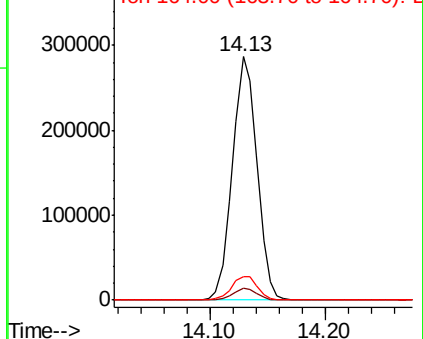
163 100

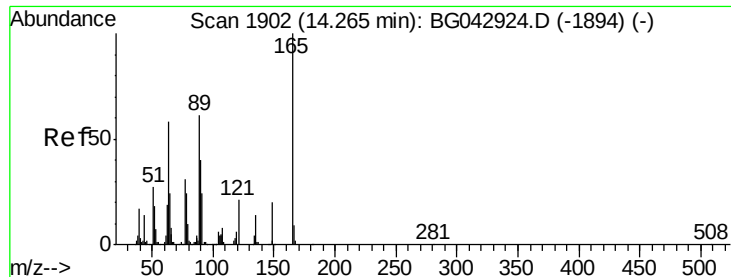
194 4.9 4.4 6.6

164 9.9 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

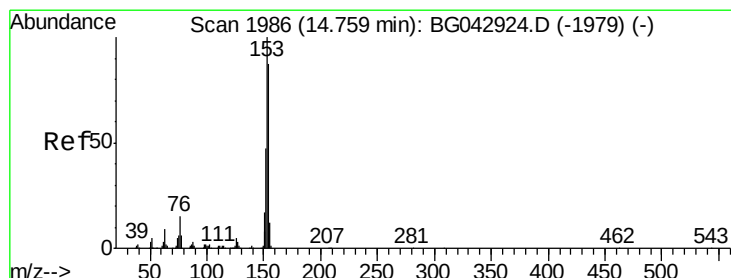
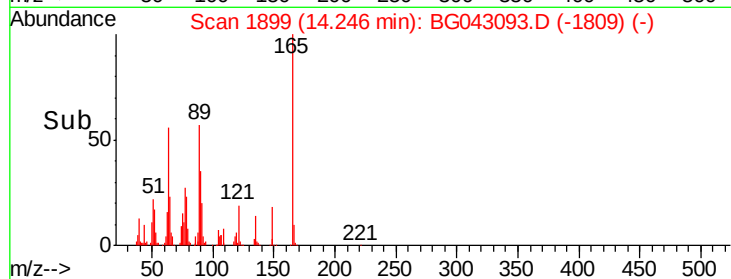
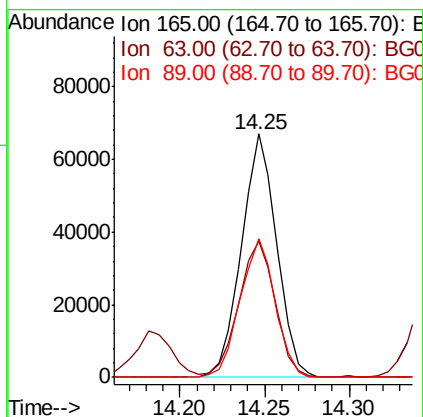
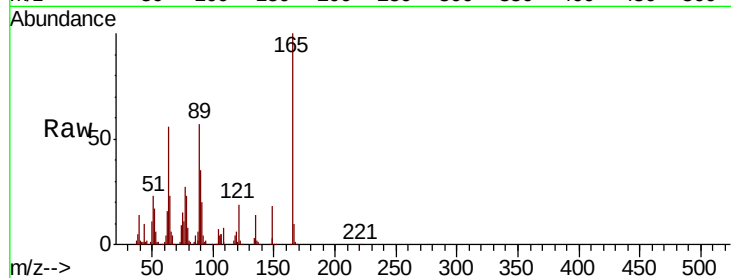




#51
 2,6-Dinitrotoluene
 Concen: 43.839 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

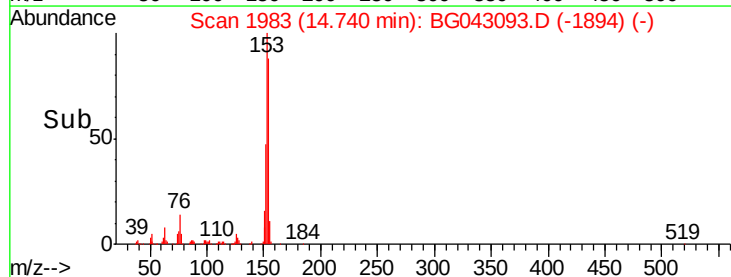
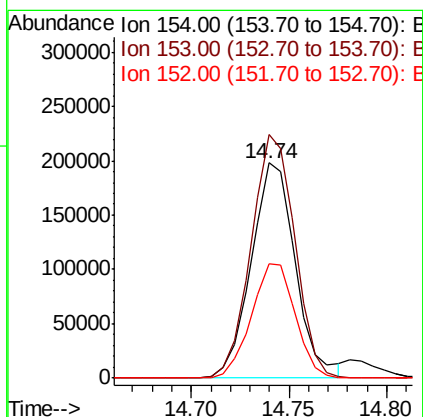
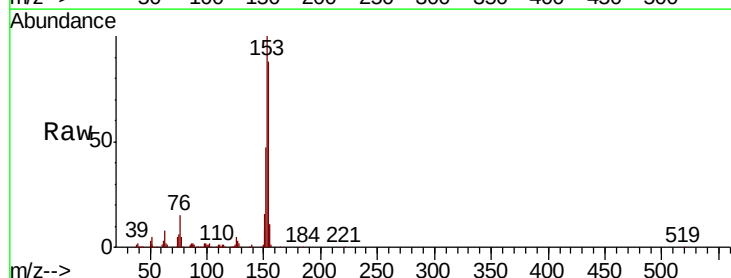
Instrument :
 BNA_G
 ClientSampleId :
 PB123740BS

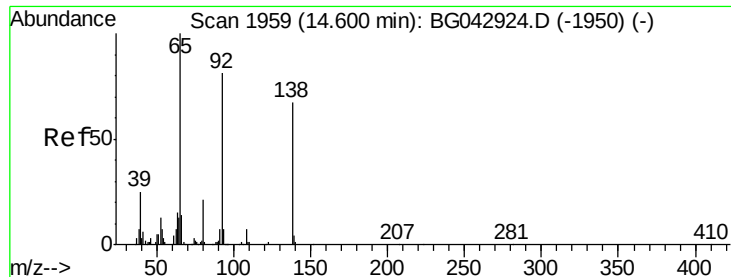
Tot Ion:165 Resp: 97101
 Ion Ratio Lower Upper
 165 100
 63 56.0 50.3 75.5
 89 56.7 48.9 73.3



#52
 Acenaphthene
 Concen: 38.444 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion:154 Resp: 310771
 Ion Ratio Lower Upper
 154 100
 153 113.1 91.4 137.0
 152 53.3 42.8 64.2





#53

3-Nitroaniline

Concen: 28.700 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

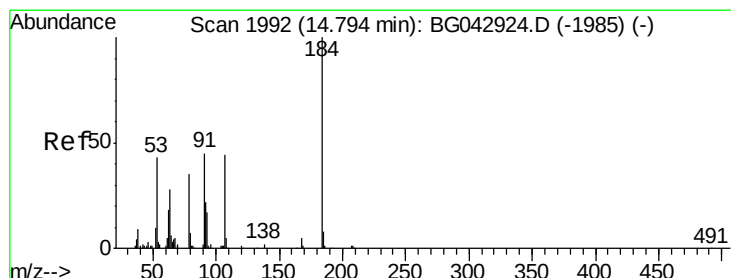
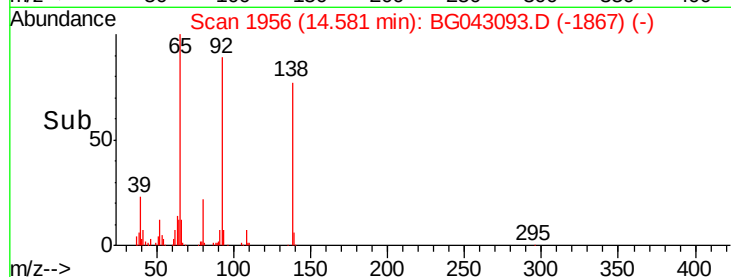
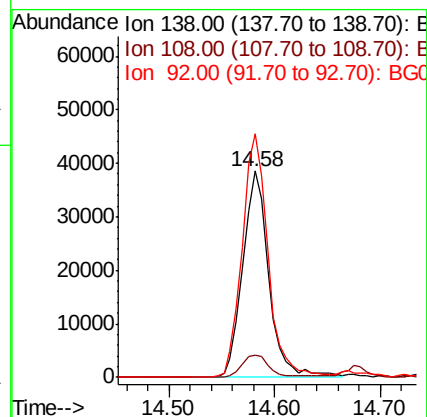
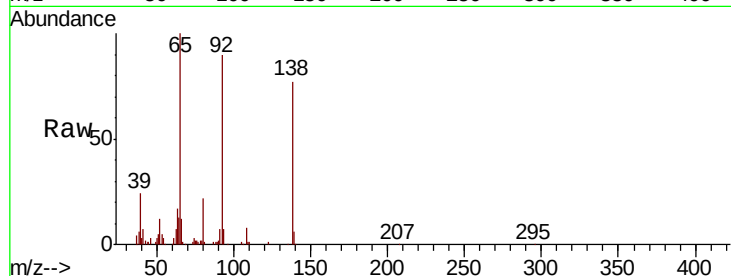
Tot Ion:138 Resp: 65695

Ion Ratio Lower Upper

138 100

108 10.7 7.9 11.9

92 118.0 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 33.719 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

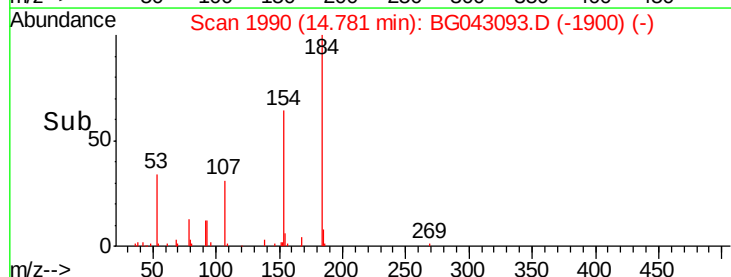
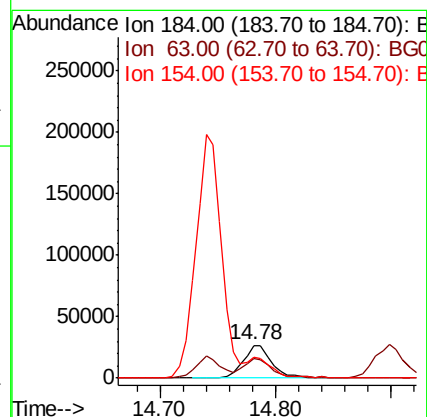
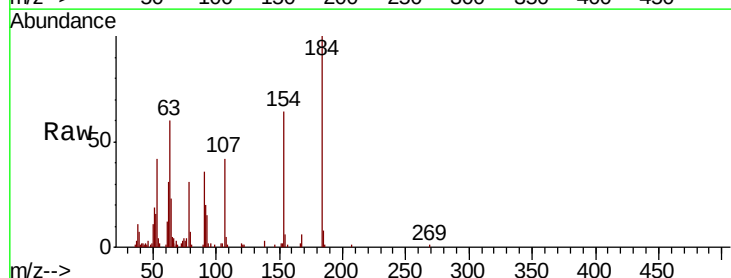
Tgt Ion:184 Resp: 46423

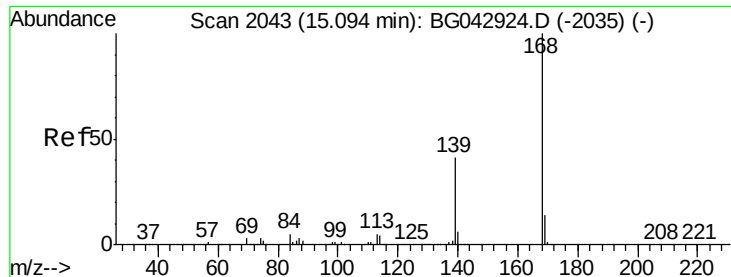
Ion Ratio Lower Upper

184 100

63 60.1 55.0 82.6

154 64.0 56.5 84.7

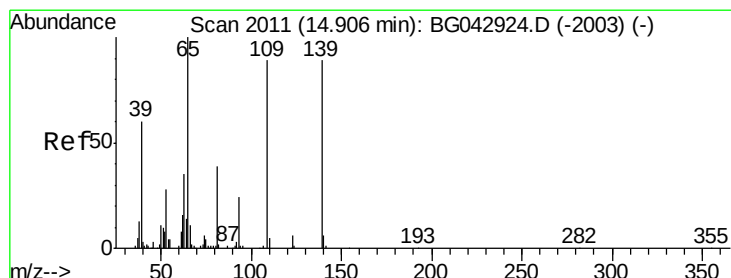
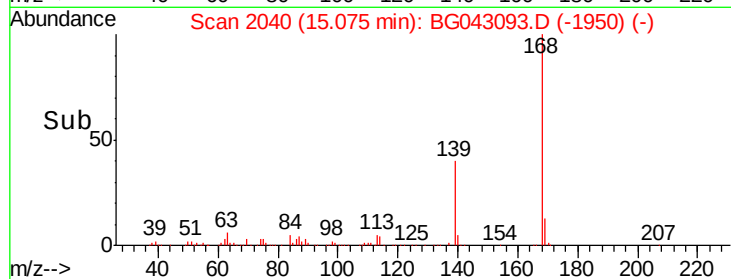
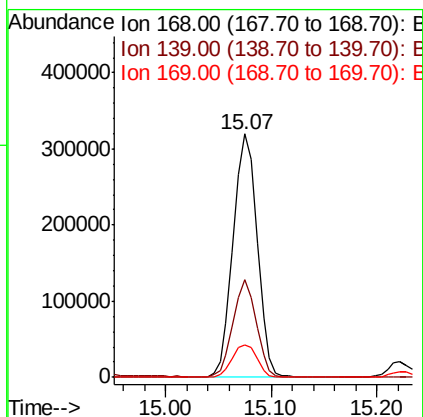
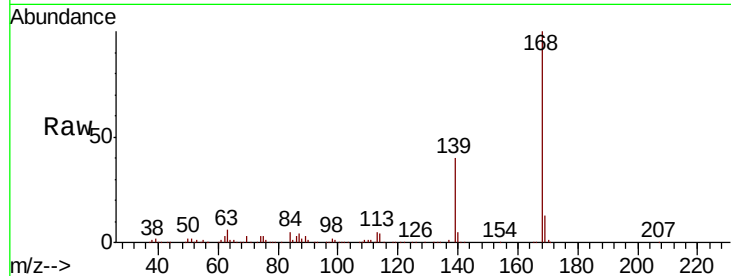




#55
Dibenzofuran
Concen: 42.094 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

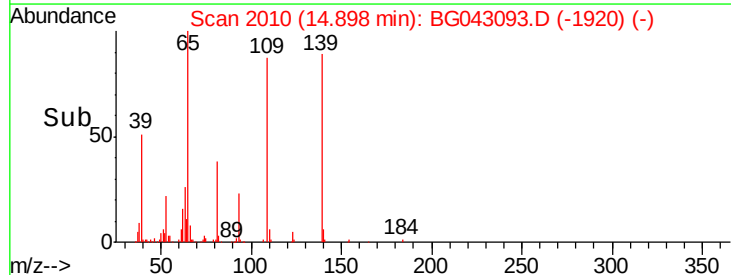
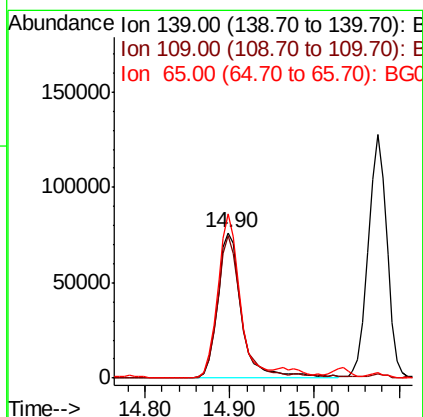
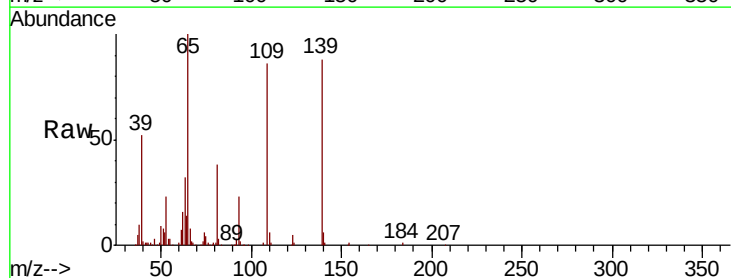
Instrument :
BNA_G
ClientSampleId :
PB123740BS

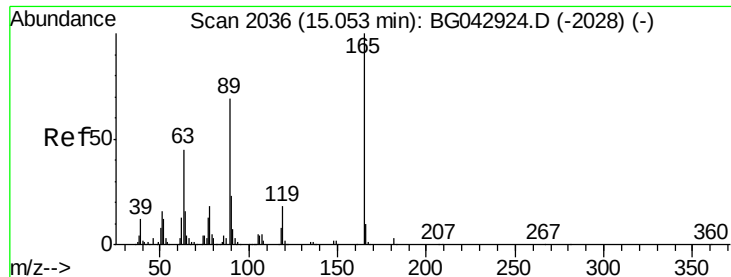
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	32.6	48.8
169	13.2	11.2	16.8



#56
4-Nitrophenol
Concen: 87.042 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.6	79.4	119.4
65	113.2	92.5	132.5

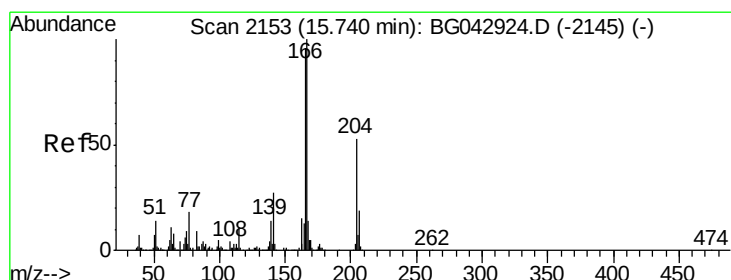
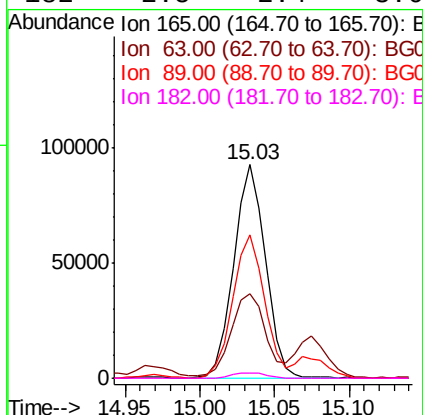
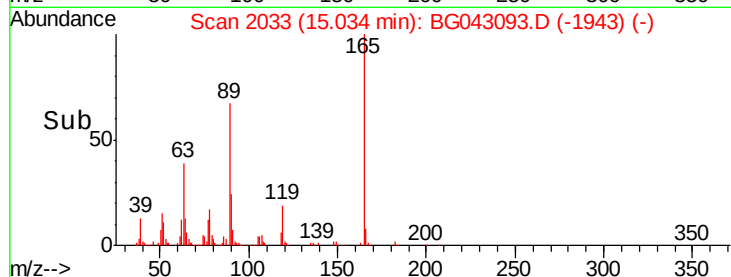
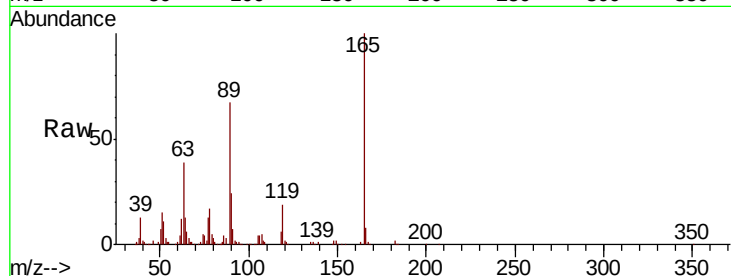




#57
2,4-Dinitrotoluene
Concen: 42.275 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

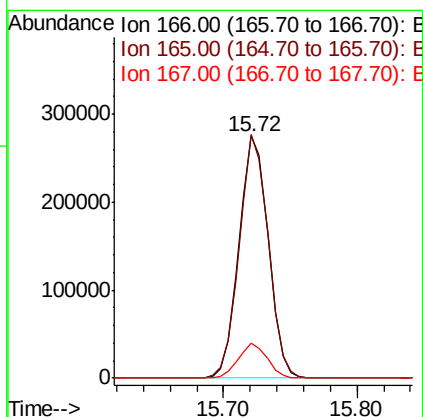
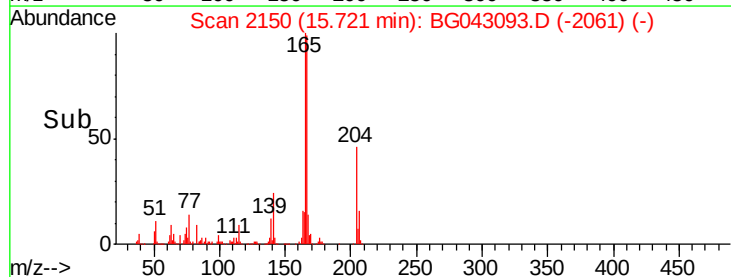
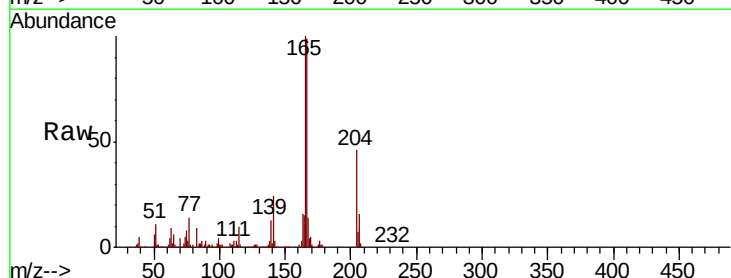
Instrument :
BNA_G
ClientSampleId :
PB123740BS

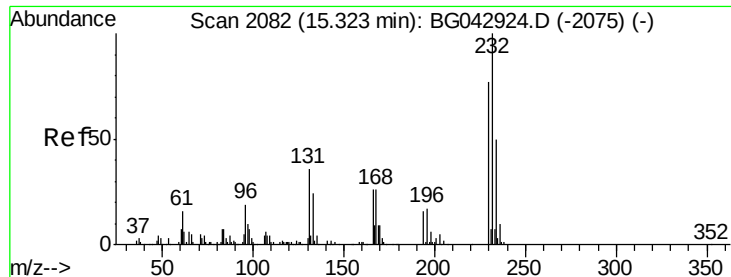
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.3	36.5	54.7
89	67.1	55.5	83.3
182	2.5	2.4	3.6



#58
Fluorene
Concen: 40.849 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.1	115.7
167	14.4	11.0	16.6

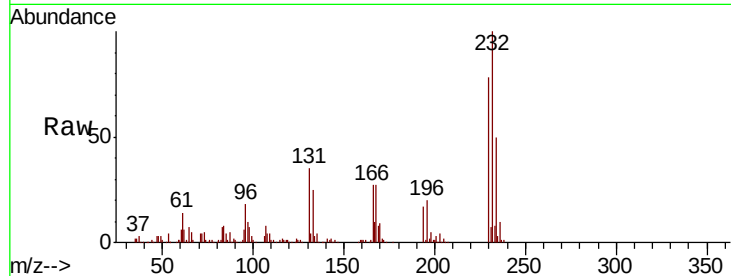




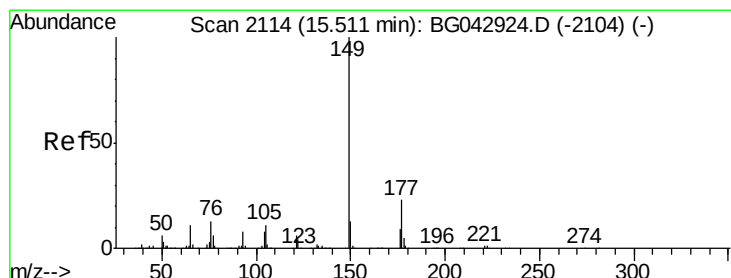
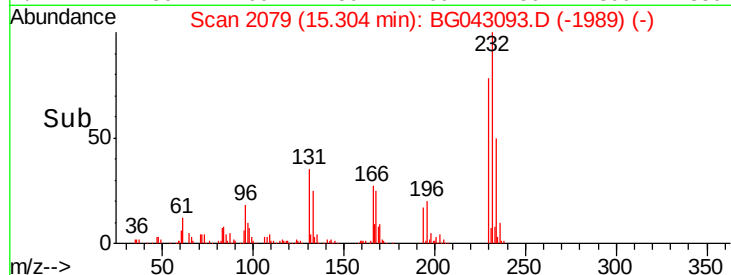
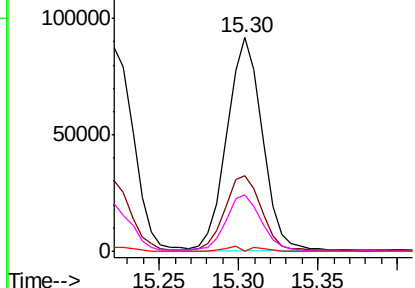
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.074 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB123740BS

Tot Ion:	232	Resp:	140982
Ion	Ratio	Lower	Upper
232	100		
131	37.2	29.6	44.4
130	1.0	1.9	2.9#
166	27.0	21.8	32.8

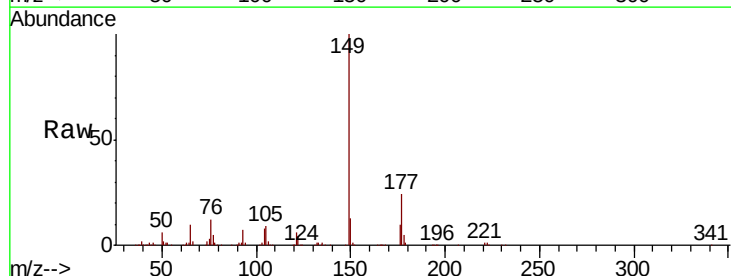


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

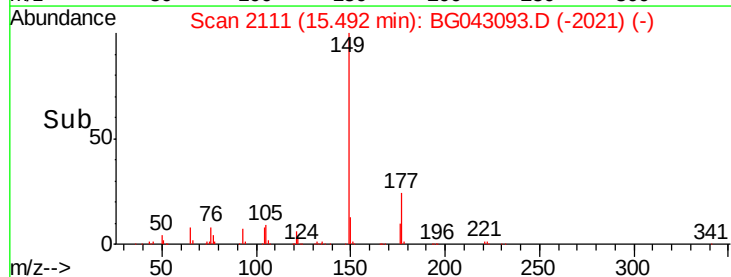
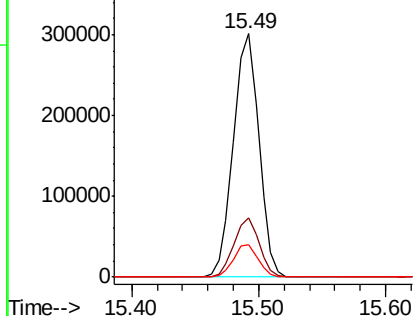


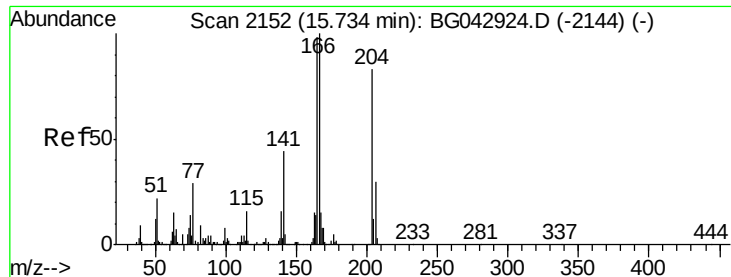
#60
 Diethylphthalate
 Concen: 39.583 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion:	149	Resp:	418989
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.8	28.2
150	13.2	10.6	15.8



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

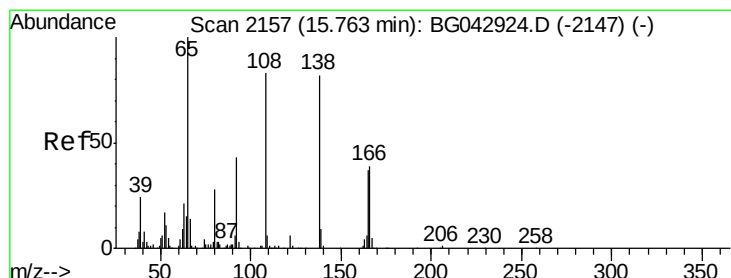
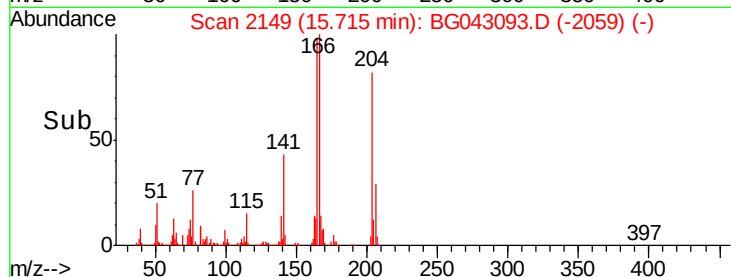
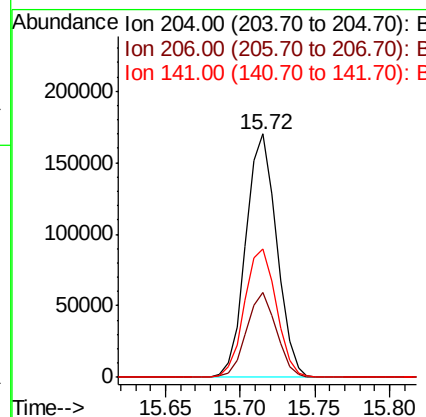
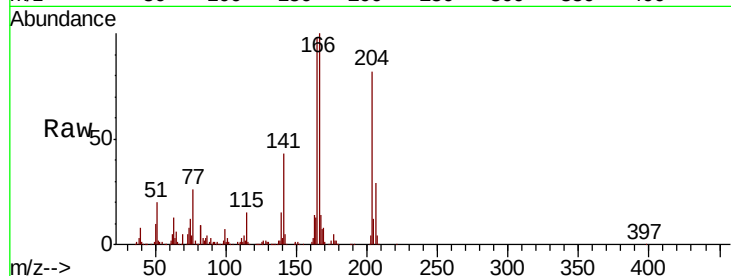




#61
 4-Chlorophenyl-phenylether
 Concen: 39.695 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

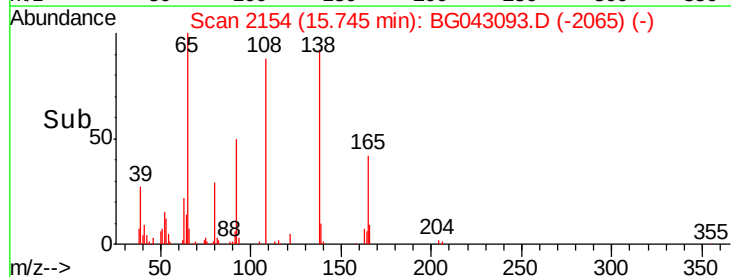
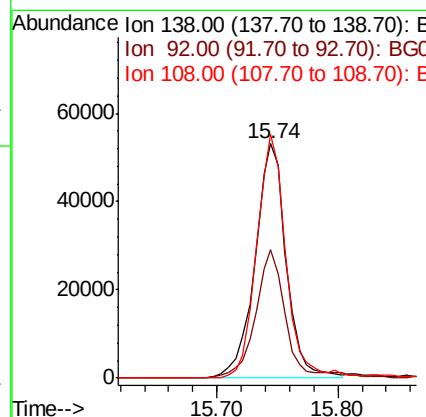
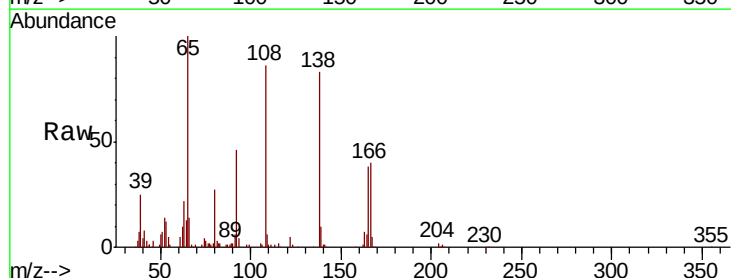
Instrument :
 BNA_G
 ClientSampleId :
 PB123740BS

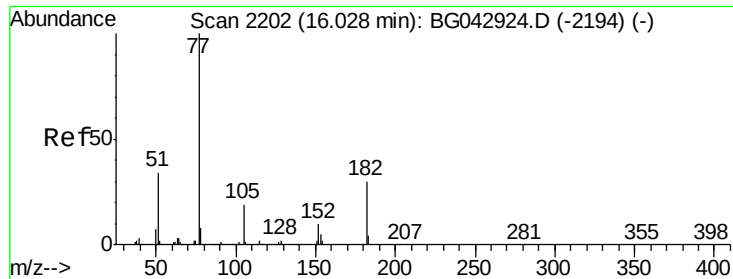
Tot Ion:204 Resp: 243044
 Ion Ratio Lower Upper
 204 100
 206 35.1 28.5 42.7
 141 52.6 42.4 63.6



#62
 4-Nitroaniline
 Concen: 38.169 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion:138 Resp: 95289
 Ion Ratio Lower Upper
 138 100
 92 55.0 32.9 72.9
 108 104.0 81.3 121.3





#63

Azobenzene

Concen: 39.014 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

Tot Ion: 77 Resp: 375979

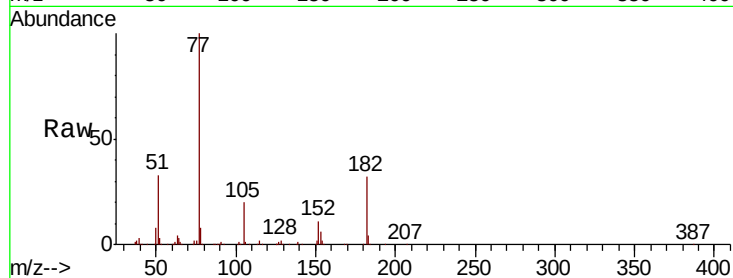
Ion Ratio Lower Upper

77 100

182 32.5 10.2 50.2

105 20.1 0.0 39.1

51 33.5 13.9 53.9

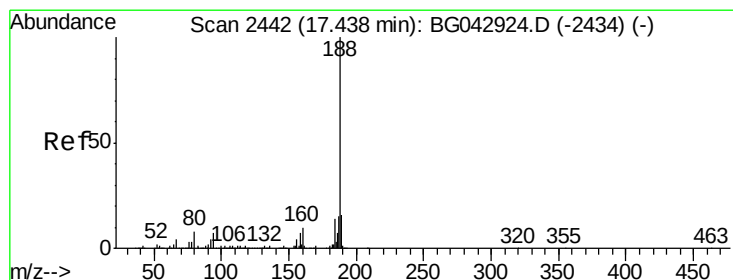
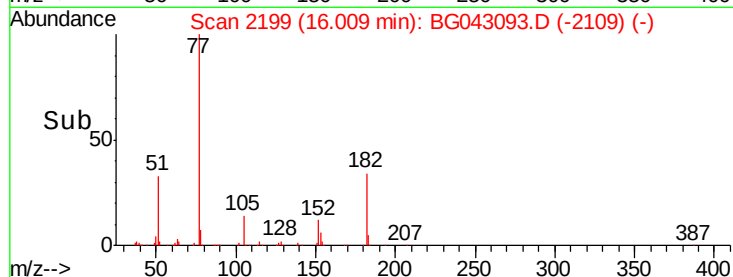
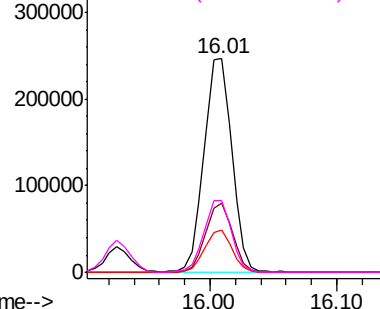


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

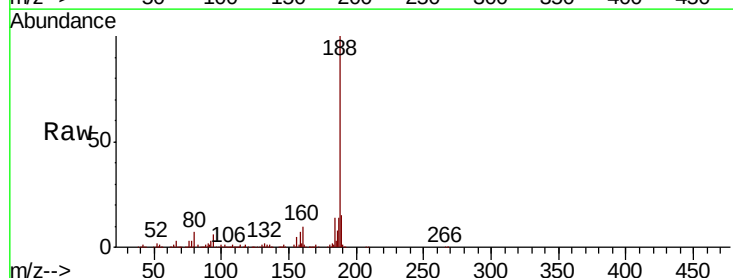
Tgt Ion: 188 Resp: 330237

Ion Ratio Lower Upper

188 100

94 5.9 5.7 8.5

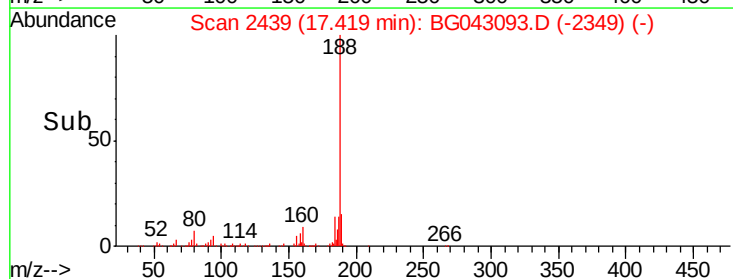
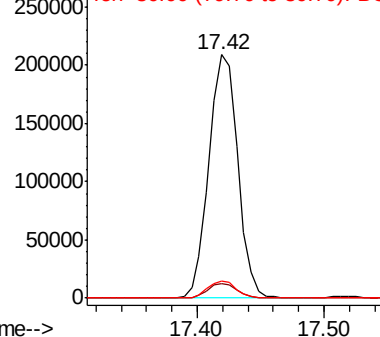
80 6.9 6.5 9.7

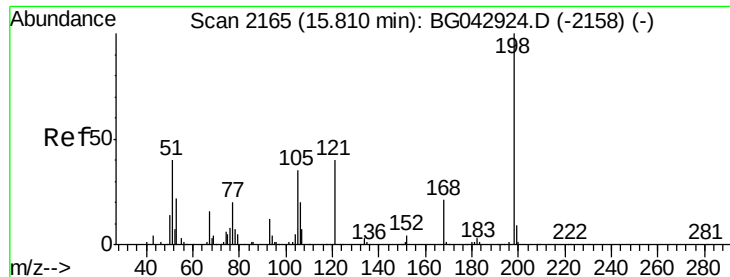


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

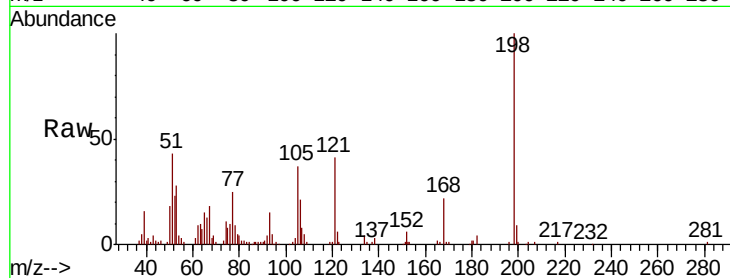




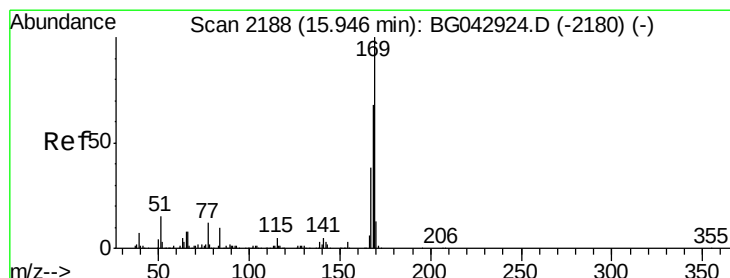
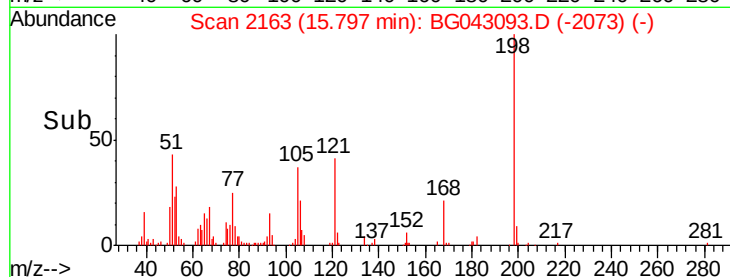
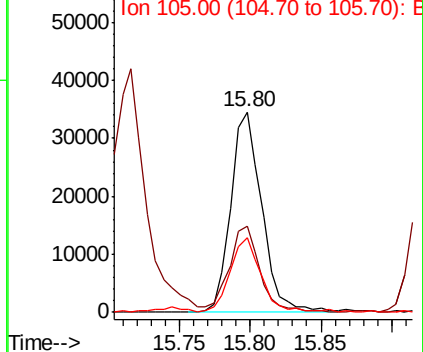
#65
4,6-Dinitro-2-methylphenol
Concen: 28.401 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB123740BS

Tot Ion:198 Resp: 53073
Ion Ratio Lower Upper
198 100
51 43.2 25.3 65.3
105 37.3 16.6 56.6

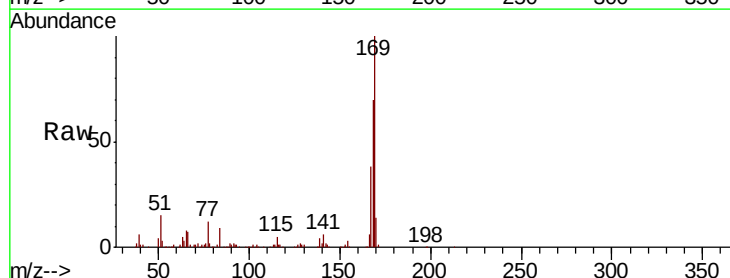


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

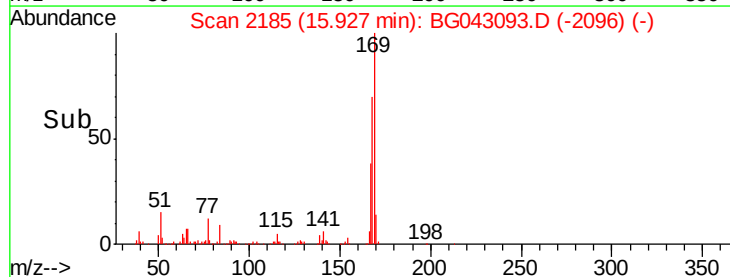
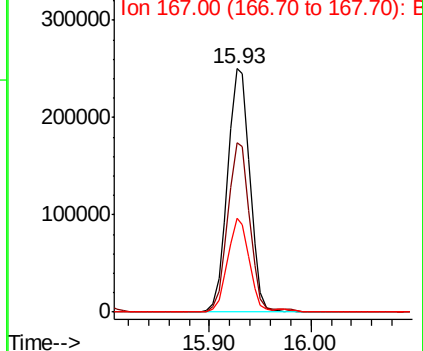


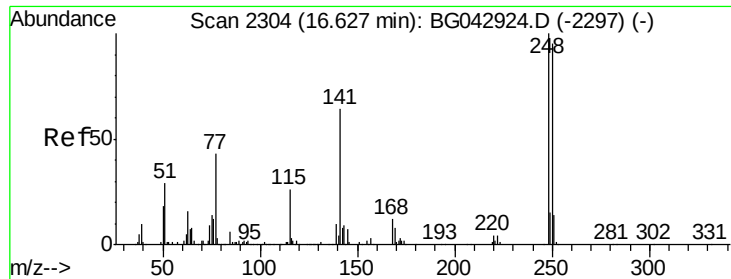
#66
n-Nitrosodiphenylamine
Concen: 43.686 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:169 Resp: 380846
Ion Ratio Lower Upper
169 100
168 69.6 54.8 82.2
167 38.4 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

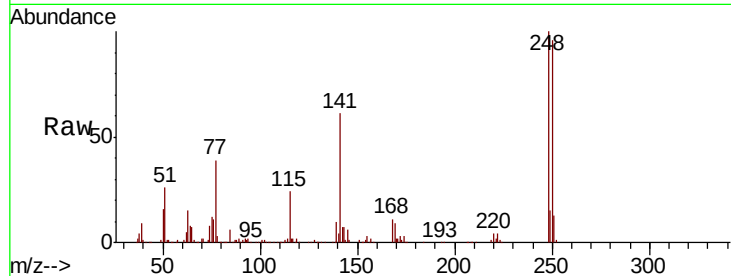




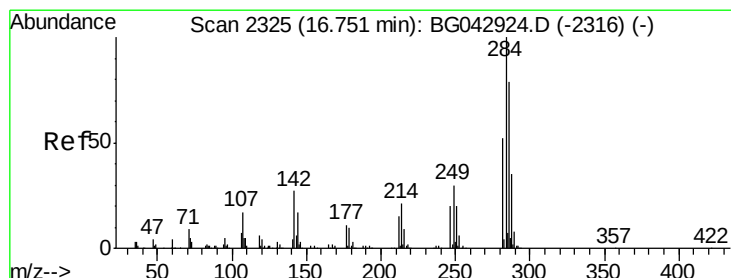
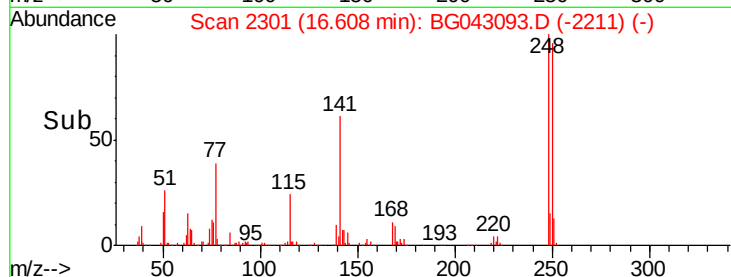
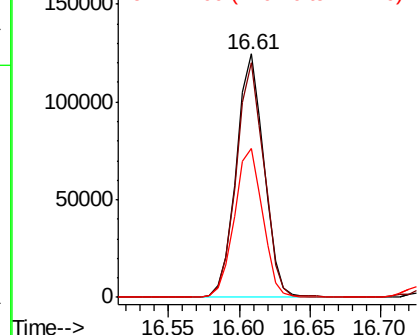
#67
4-Bromophenyl-phenylether
Concen: 41.175 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB123740BS

Tot Ion:248 Resp: 170662
Ion Ratio Lower Upper
248 100
250 96.2 75.8 113.8
141 61.0 51.1 76.7

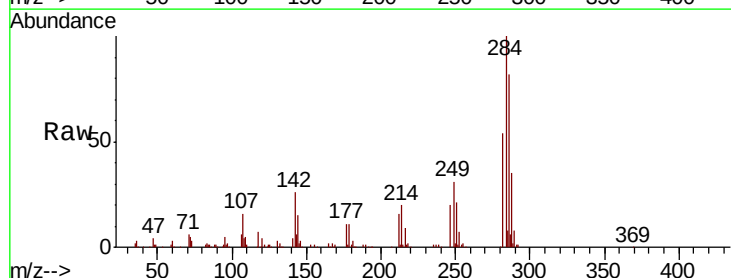


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

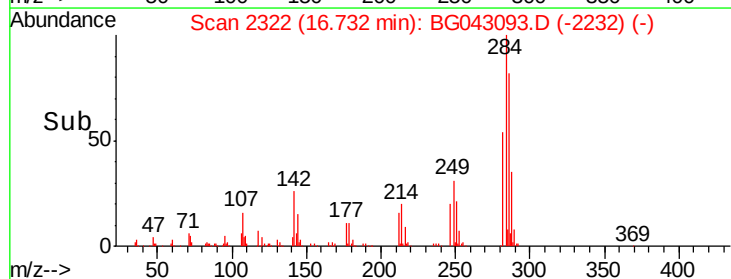
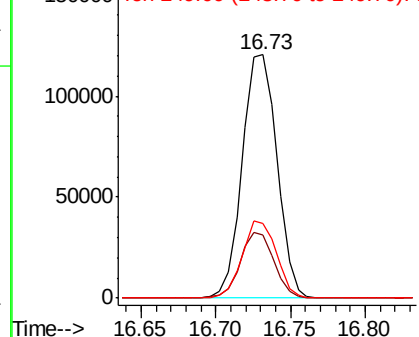


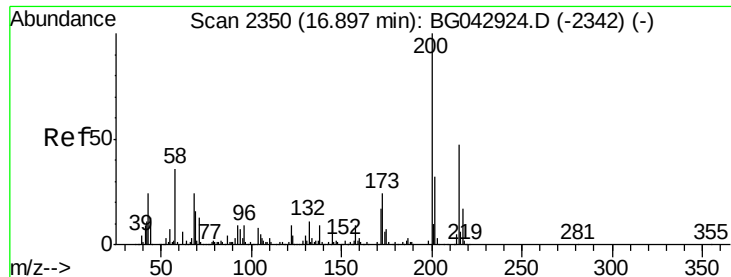
#68
Hexachlorobenzene
Concen: 42.053 ng
RT: 16.73 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:284 Resp: 194073
Ion Ratio Lower Upper
284 100
142 25.9 21.6 32.4
249 30.8 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: 44.967 ng

RT: 16.88 min Scan# 2347

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

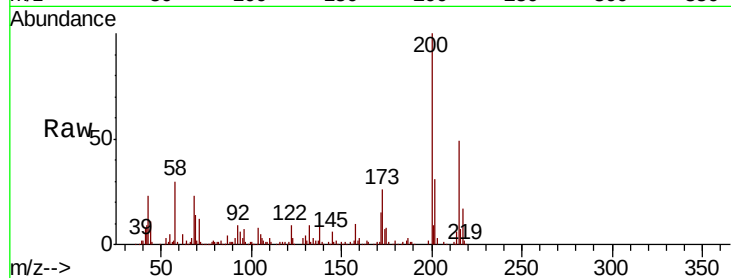
Tot Ion:200 Resp: 165076

Ion Ratio Lower Upper

200 100

173 25.8 4.0 44.0

215 49.0 27.4 67.4

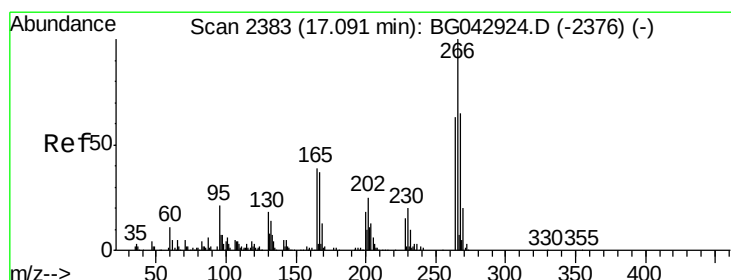
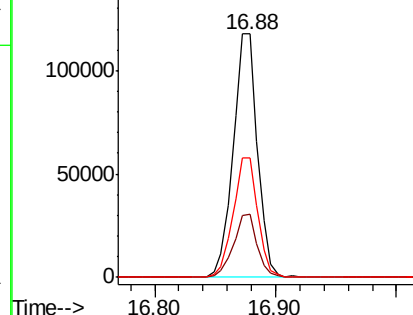
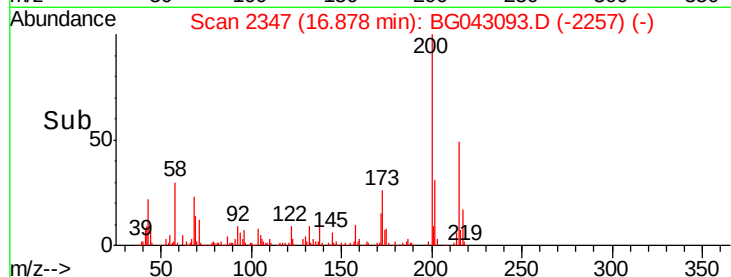


Abundance

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: 69.380 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

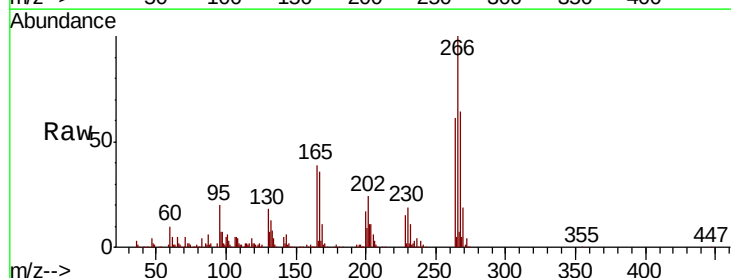
Tgt Ion:266 Resp: 184753

Ion Ratio Lower Upper

266 100

268 63.8 52.2 78.2

264 61.0 50.7 76.1

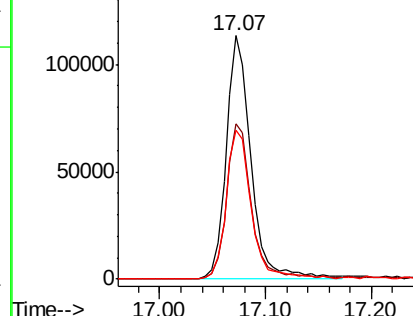
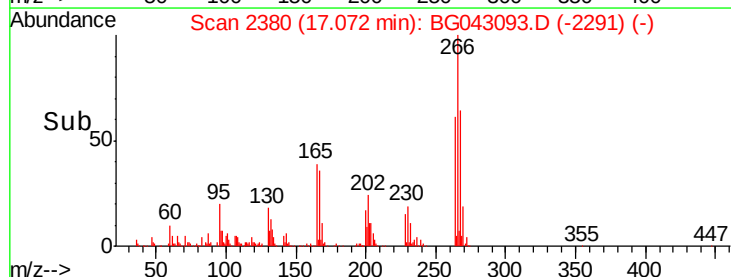


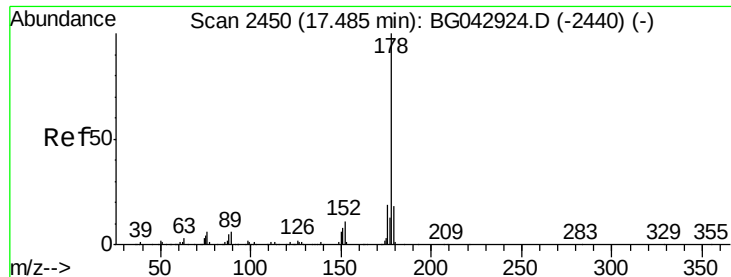
Abundance

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

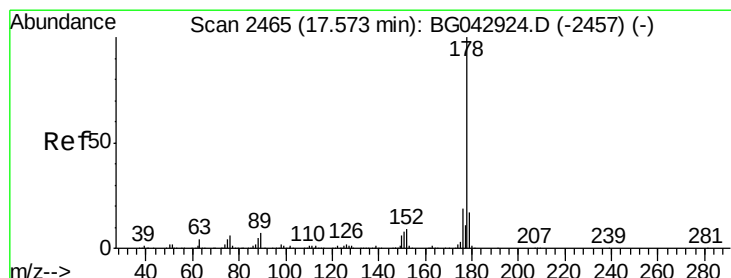
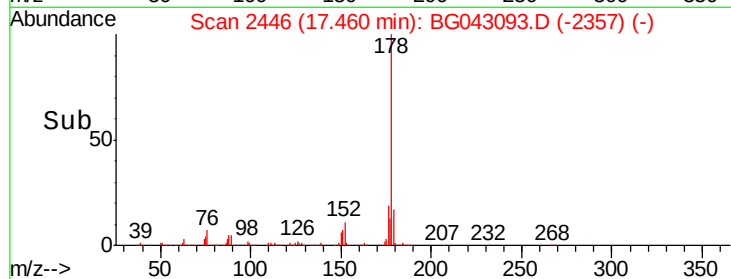
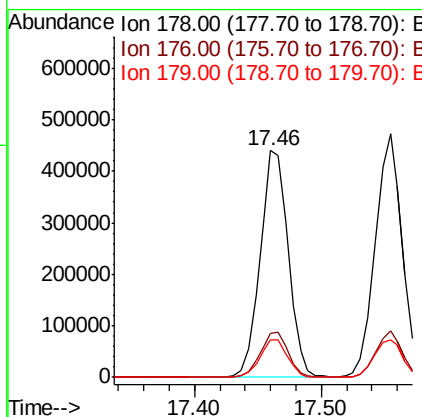
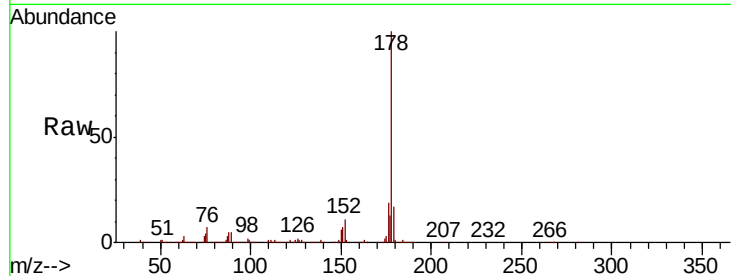




#71
Phenanthrene
Concen: 42.108 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

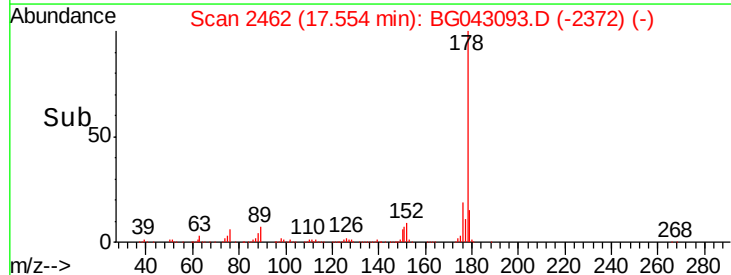
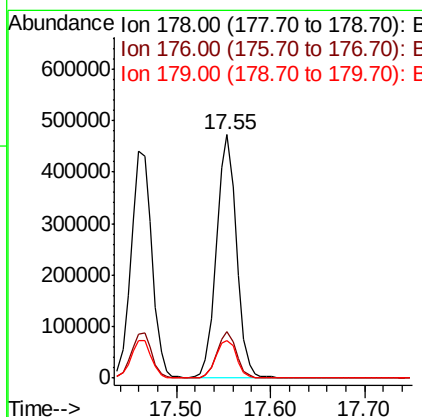
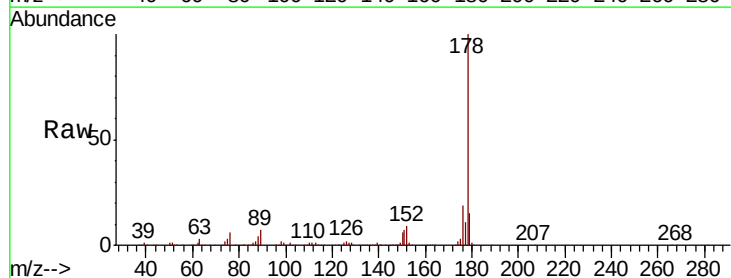
Instrument :
BNA_G
ClientSampleId :
PB123740BS

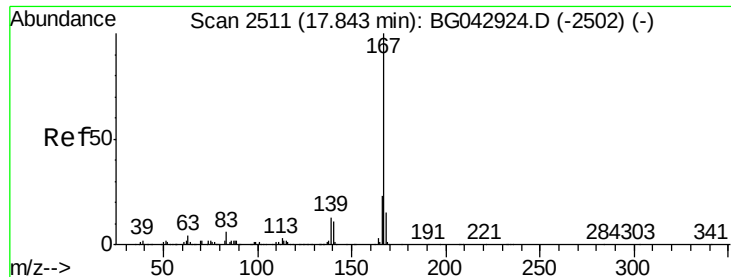
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	16.8	14.1	21.1



#72
Anthracene
Concen: 43.788 ng
RT: 17.55 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	13.5	20.3

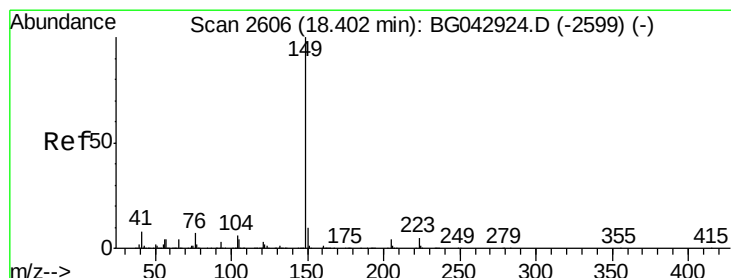
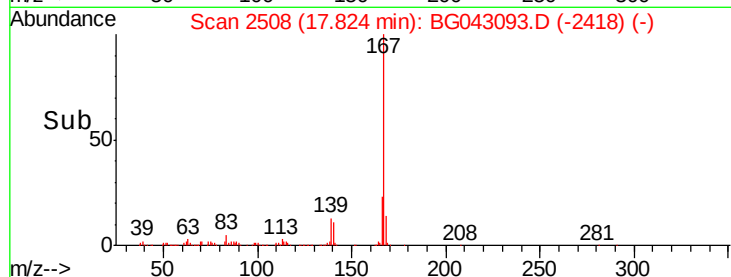
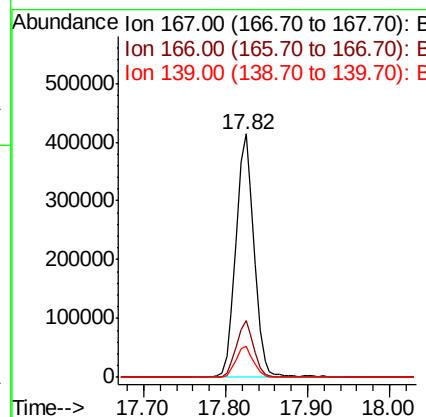
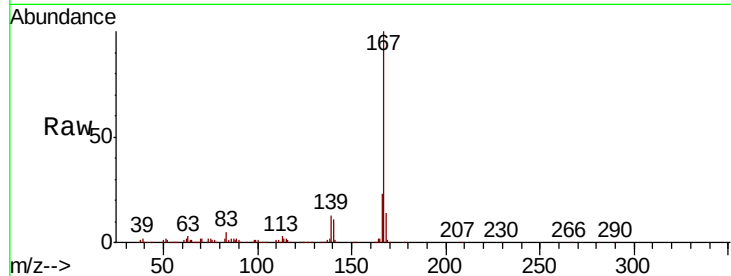




#73
 Carbazole
 Concen: 43.189 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

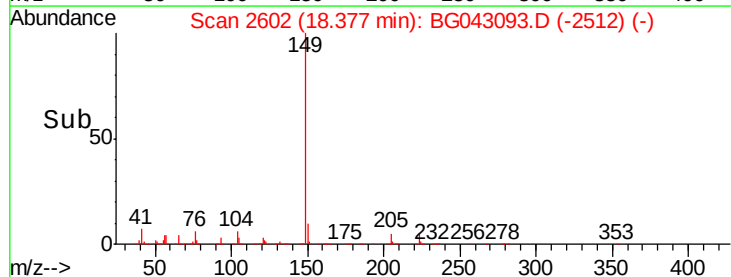
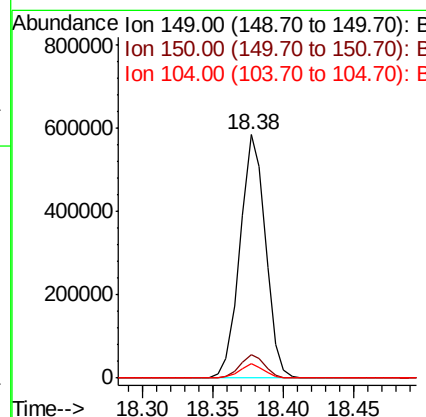
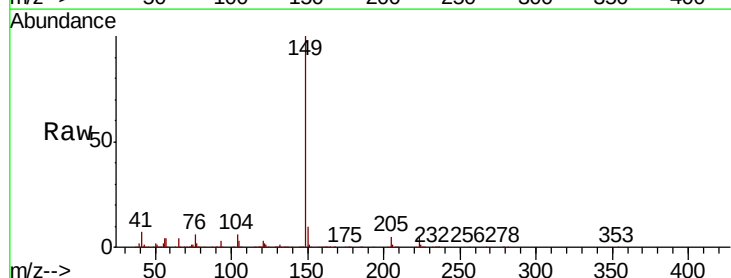
Instrument :
 BNA_G
 ClientSampleID :
 PB123740BS

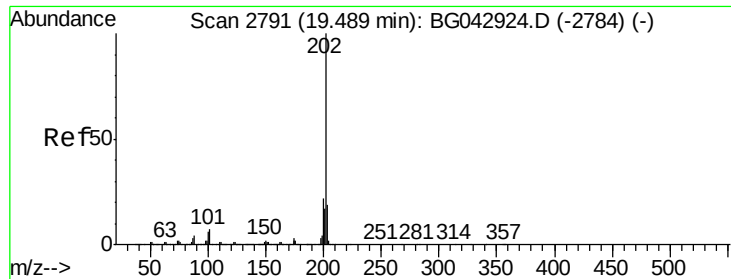
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.6	28.0
139	12.6	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.342 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG043093.D
 Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	6.0	5.0	7.6





#75

Fluoranthene

Concen: 42.172 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

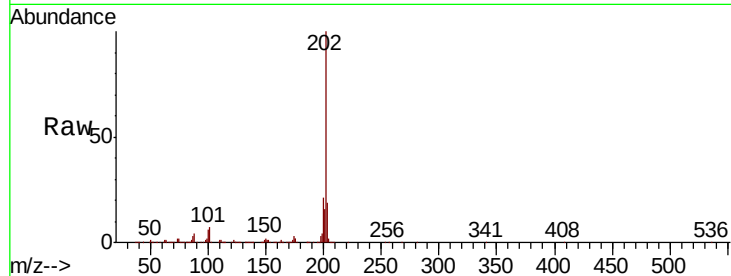
Tot Ion:202 Resp: 899301

Ion Ratio Lower Upper

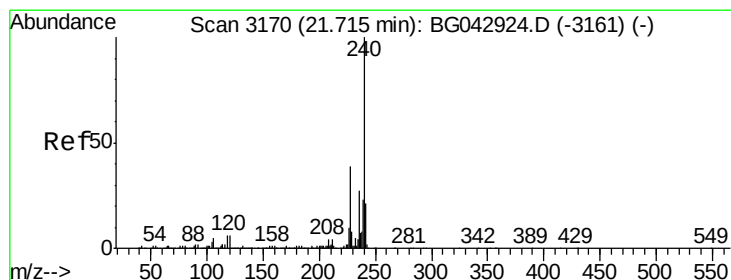
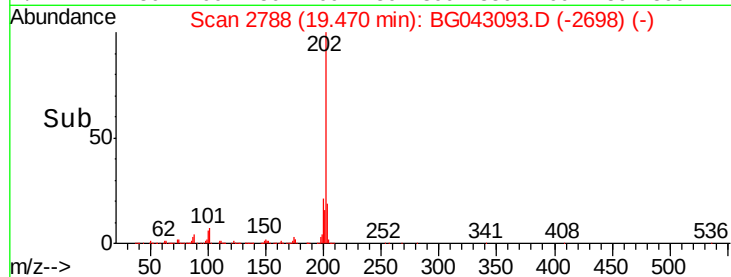
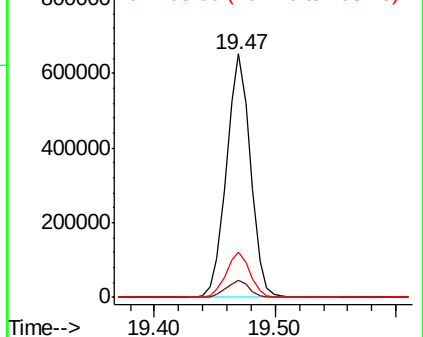
202 100

101 6.7 0.0 27.3

203 18.8 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: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

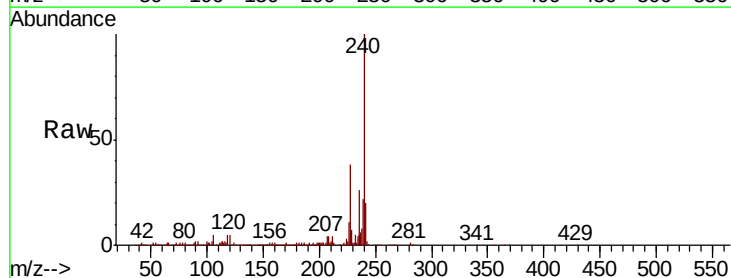
Tgt Ion:240 Resp: 356685

Ion Ratio Lower Upper

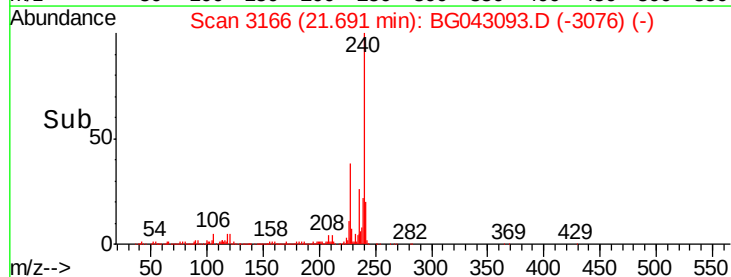
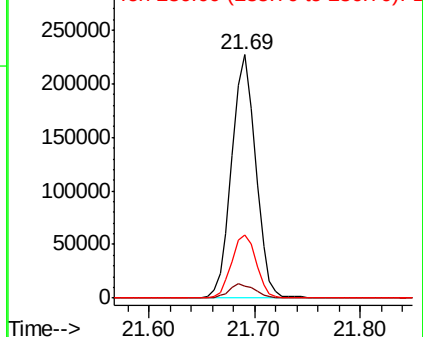
240 100

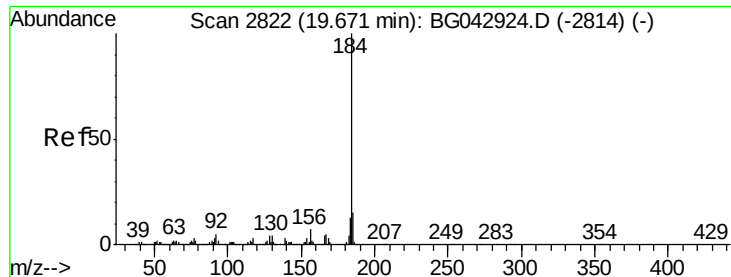
120 5.1 4.8 7.2

236 26.0 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: 59.955 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

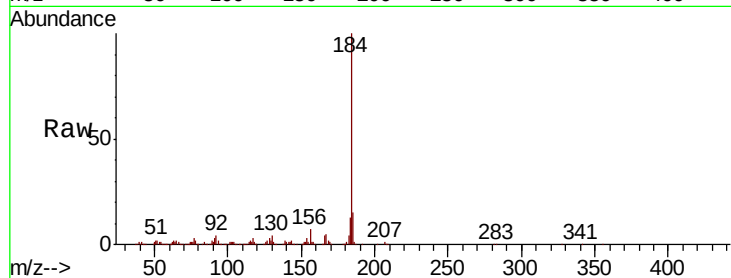
Tot Ion:184 Resp: 535459

Ion Ratio Lower Upper

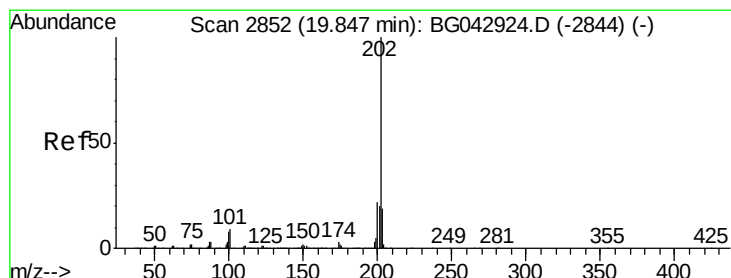
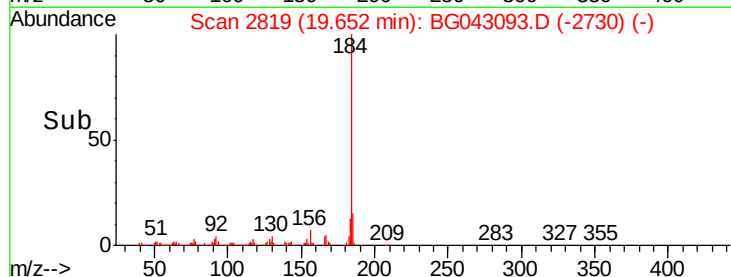
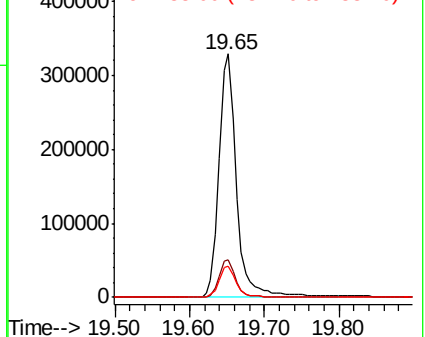
184 100

185 15.2 11.8 17.8

183 12.9 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.395 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

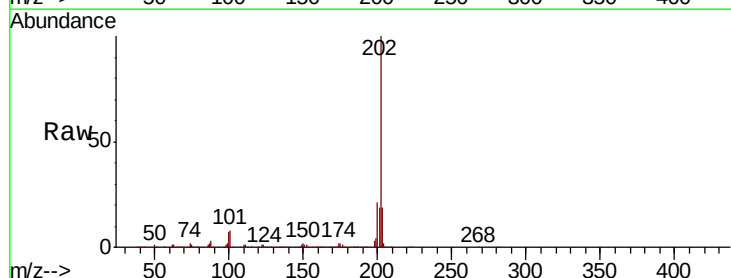
Tgt Ion:202 Resp: 923848

Ion Ratio Lower Upper

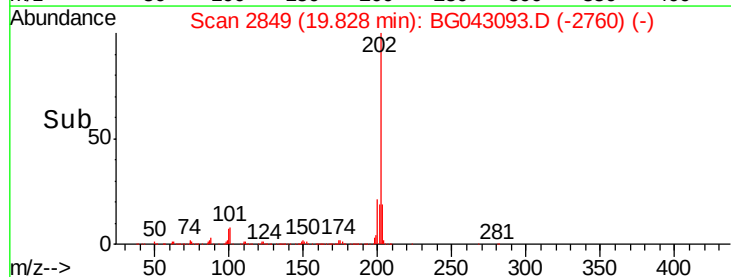
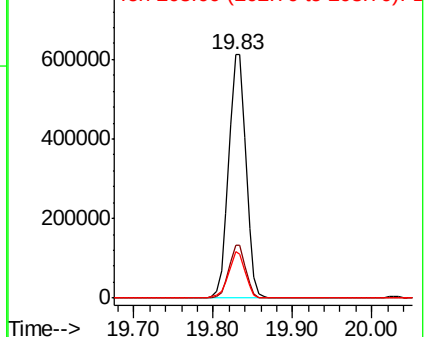
202 100

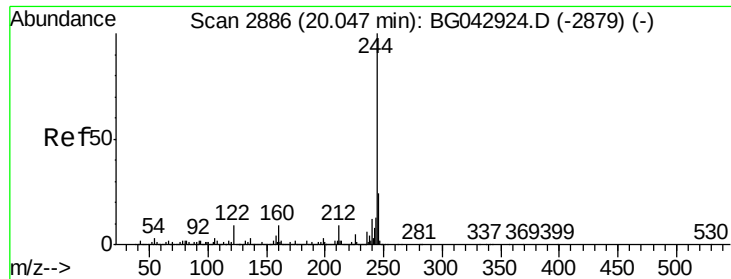
200 21.5 17.6 26.4

203 19.0 15.2 22.8



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





#79

Terphenyl-d14

Concen: 70.560 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

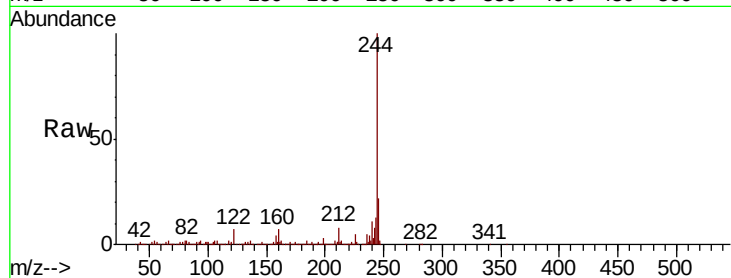
Tot Ion:244 Resp: 1181086

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.0

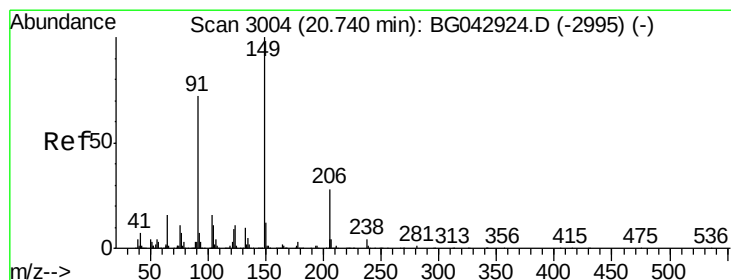
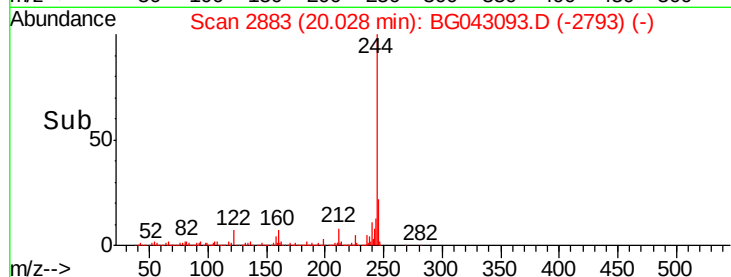
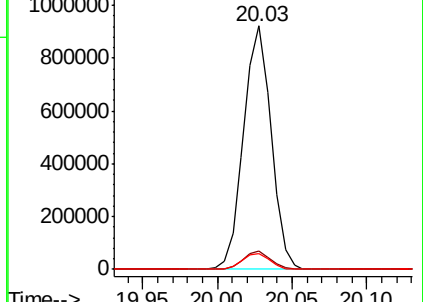
122 6.6 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.912 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

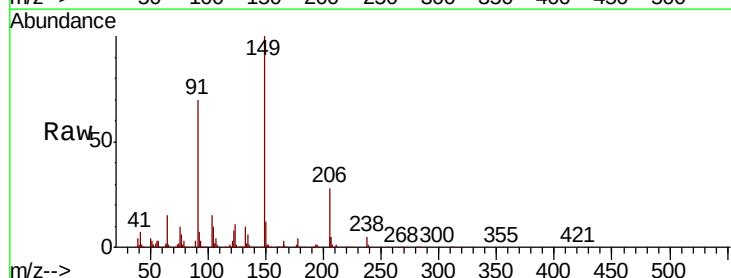
Tgt Ion:149 Resp: 338682

Ion Ratio Lower Upper

149 100

91 69.7 57.7 86.5

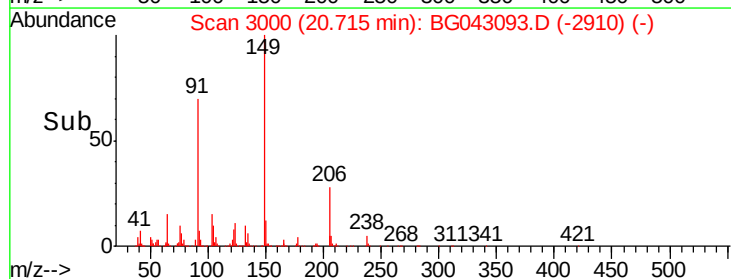
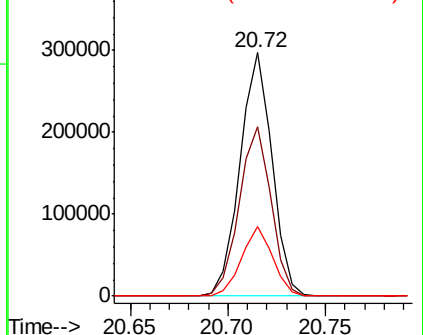
206 28.3 22.6 33.8

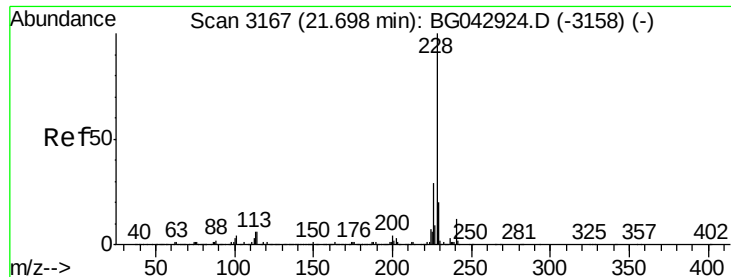


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

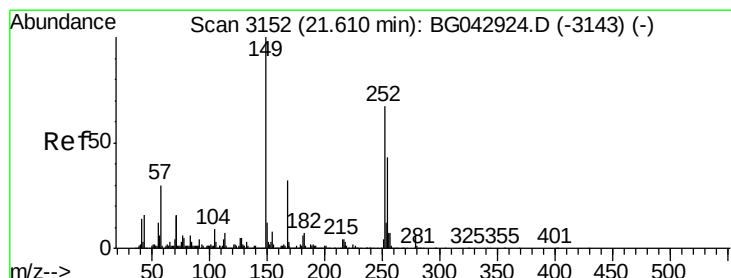
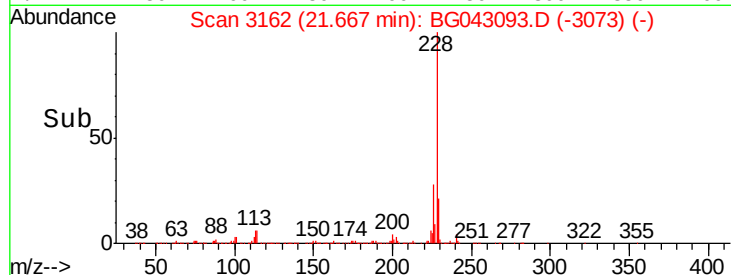
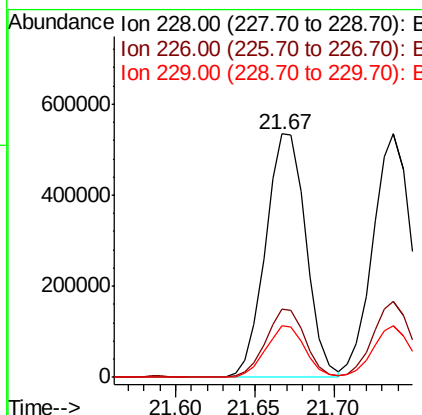
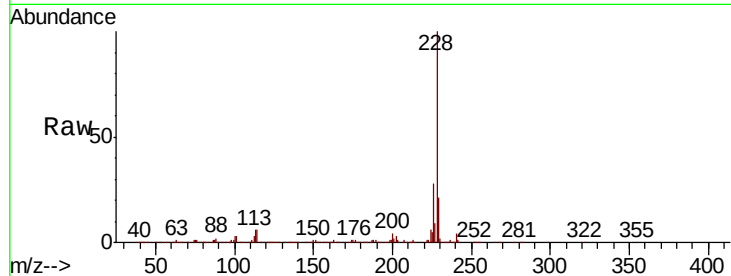




#81
Benzo(a)anthracene
Concen: 42.488 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

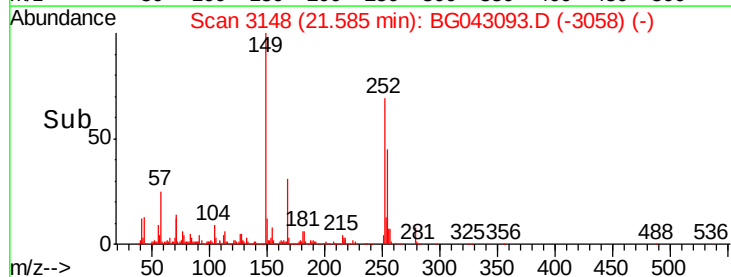
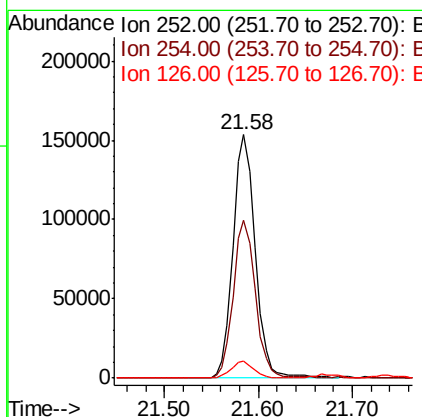
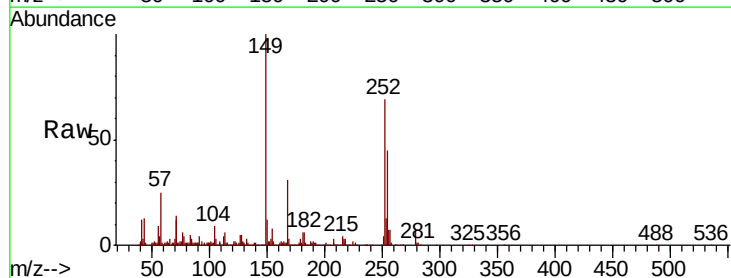
Instrument :
BNA_G
ClientSampleId :
PB123740BS

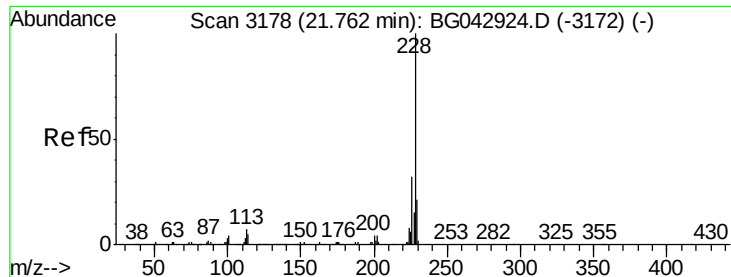
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	21.2	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 28.973 ng
RT: 21.58 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	7.0	6.1	9.1





#83

Chrysene

Concen: 41.996 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

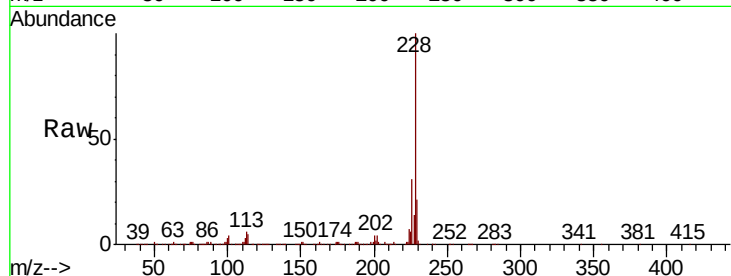
Tot Ion:228 Resp: 905744

Ion Ratio Lower Upper

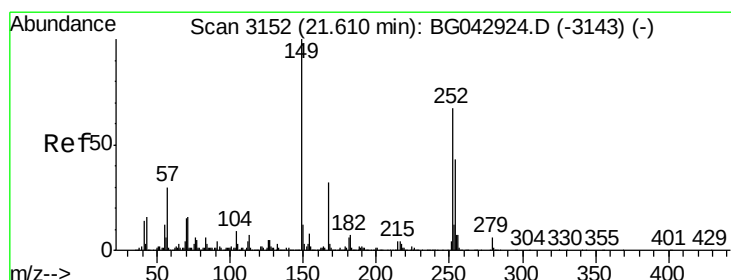
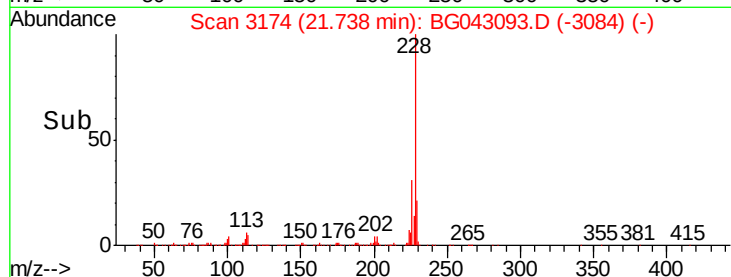
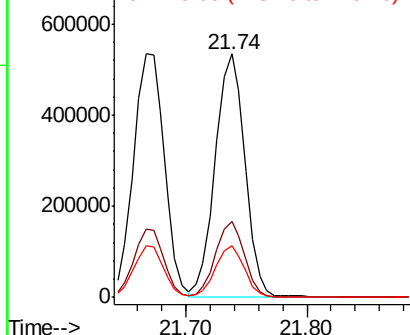
228 100

226 31.1 25.6 38.4

229 21.2 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: 42.596 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

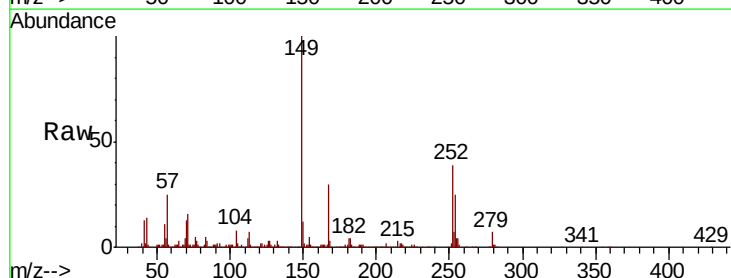
Tgt Ion:149 Resp: 489789

Ion Ratio Lower Upper

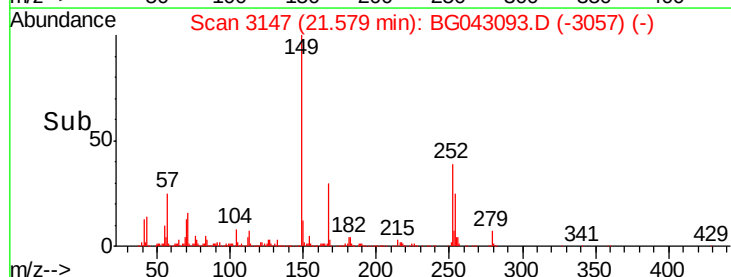
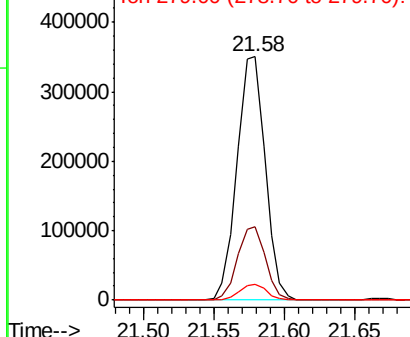
149 100

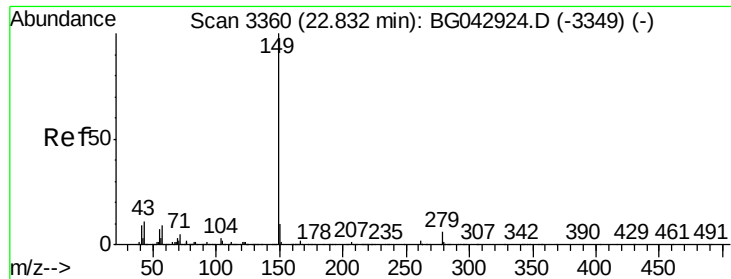
167 30.3 25.4 38.2

279 6.7 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

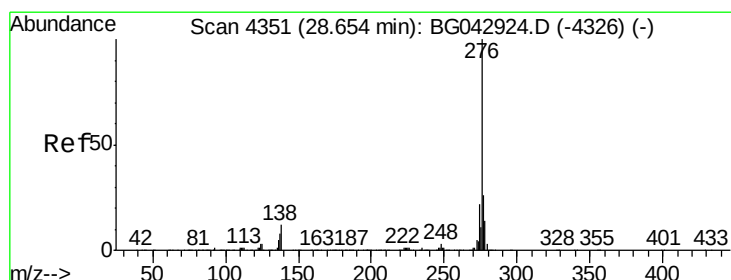
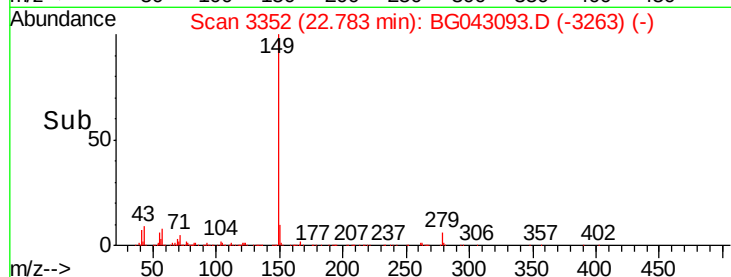
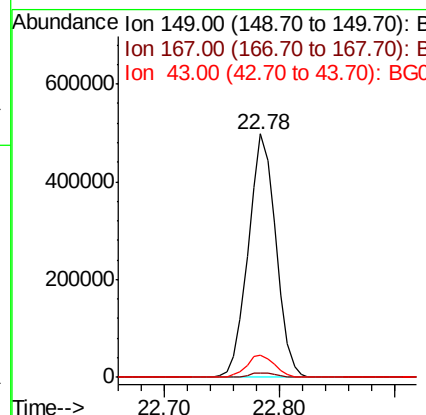
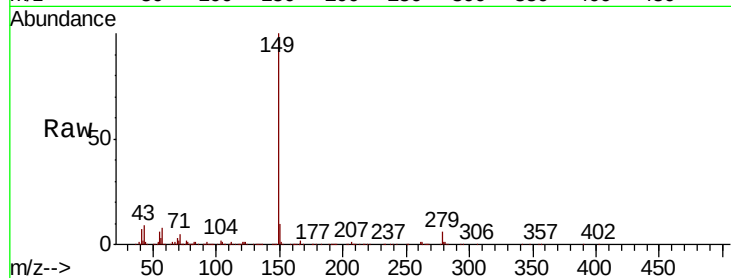




#85
Di-n-octyl phthalate
Concen: 43.783 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

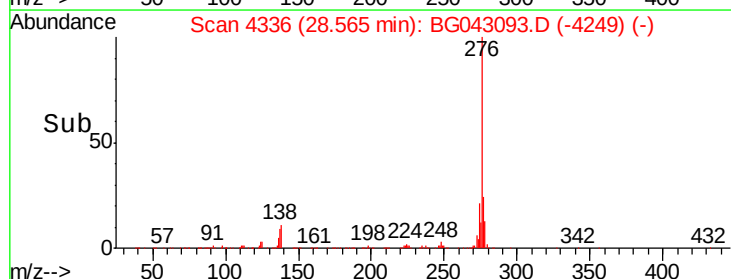
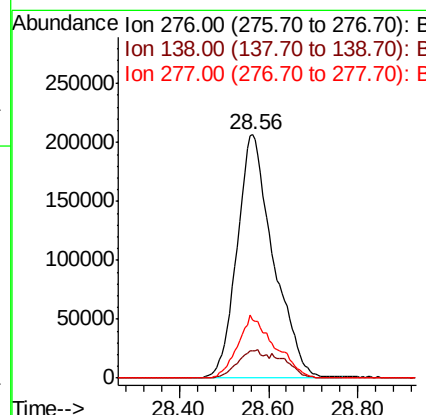
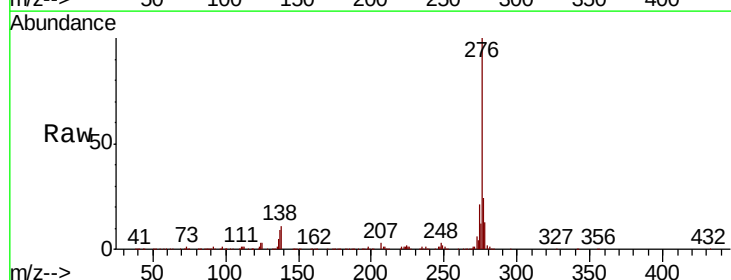
Instrument :
BNA_G
ClientSampleId :
PB123740BS

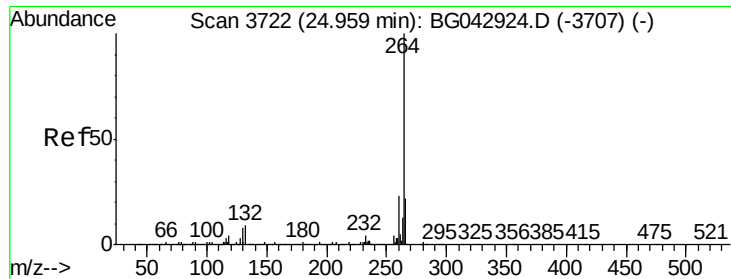
Tot Ion:149 Resp: 823239
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.3 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.479 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.02 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:276 Resp: 1167401
Ion Ratio Lower Upper
276 100
138 9.0 7.0 10.6
277 26.1 20.9 31.3

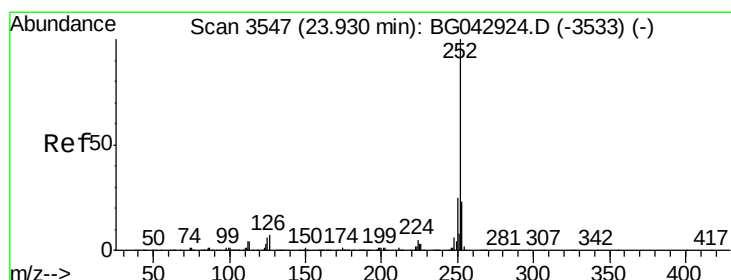
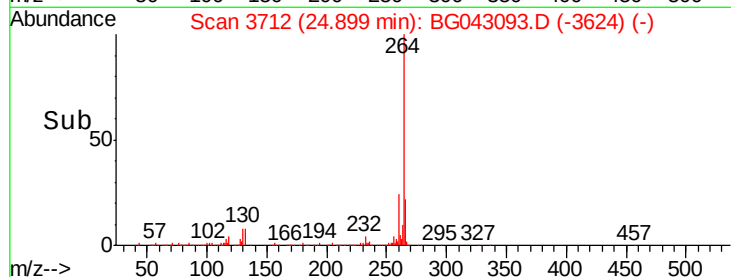
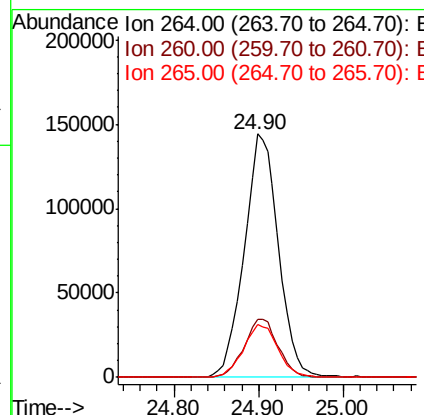
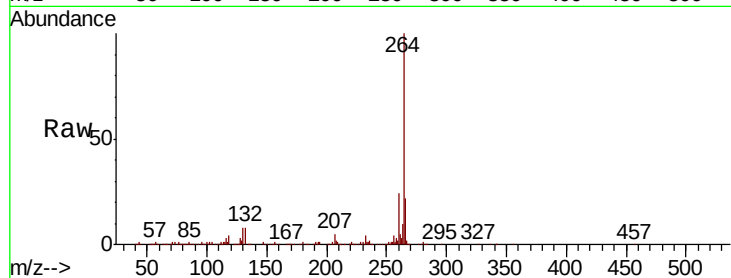




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

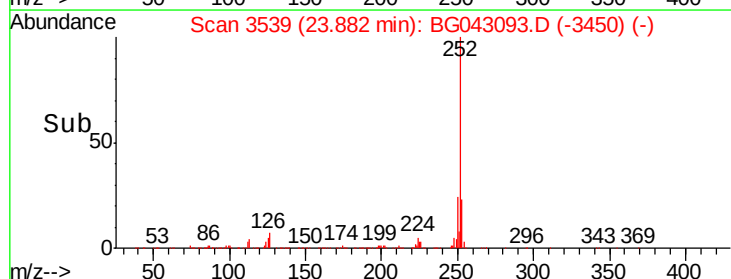
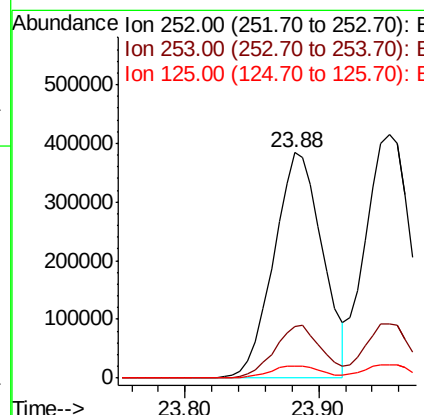
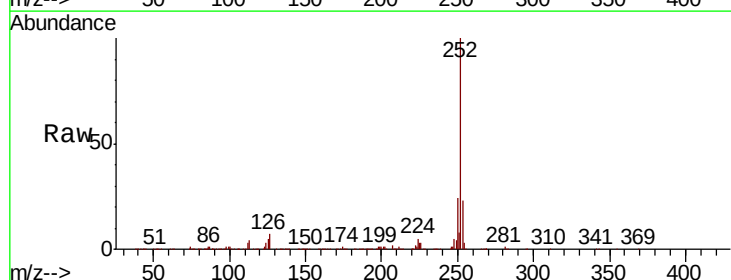
Instrument :
BNA_G
ClientSampleId :
PB123740BS

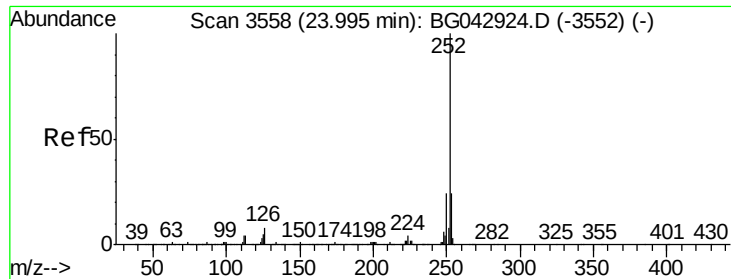
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 42.493 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	5.4	4.6	7.0

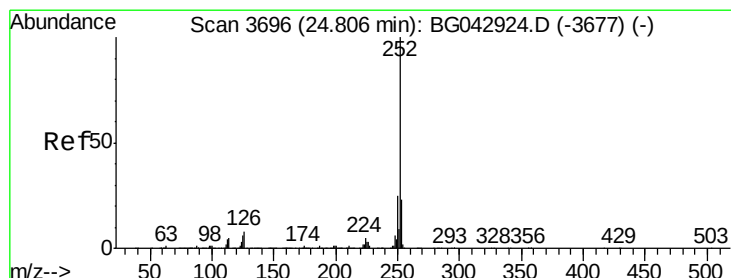
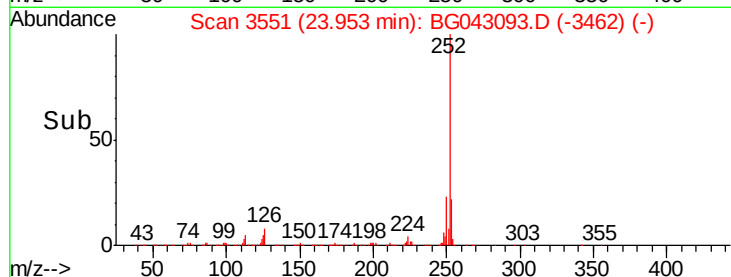
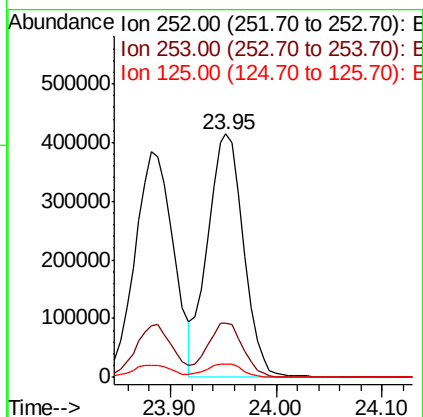
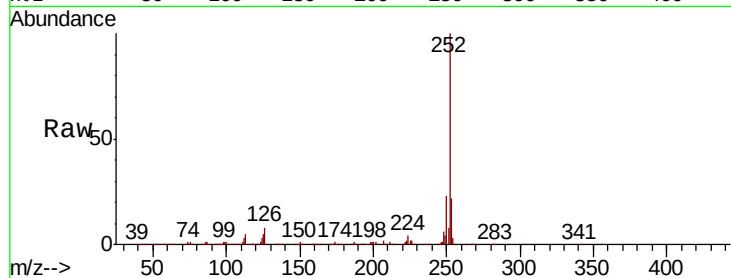




#89
Benzo(k)fluoranthene
Concen: 43.395 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

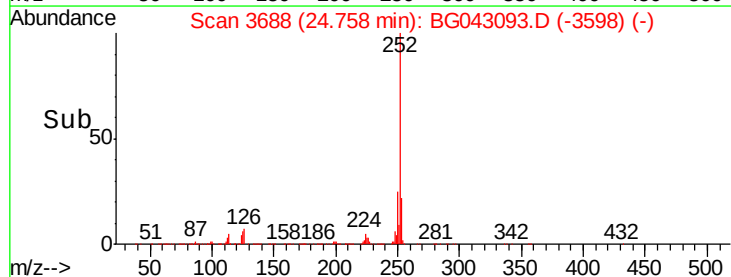
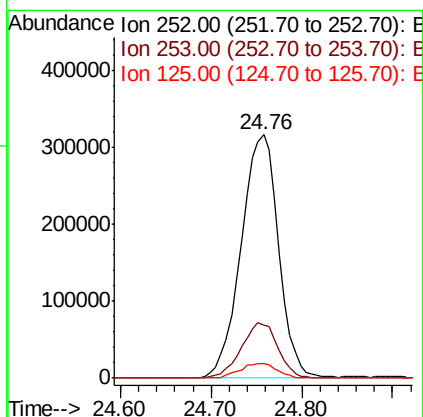
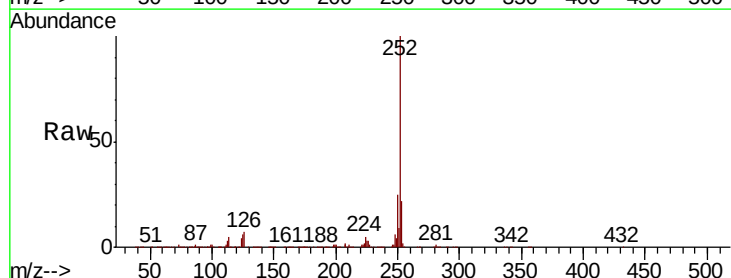
Instrument :
BNA_G
ClientSampleId :
PB123740BS

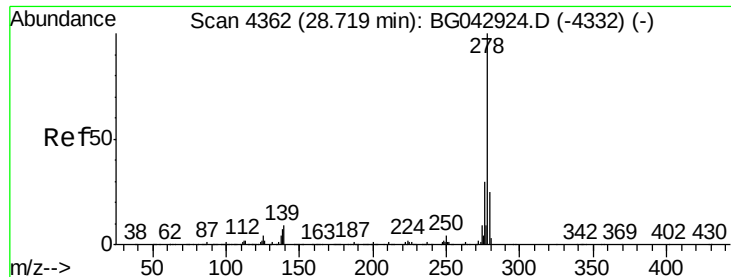
Tot Ion:252 Resp: 981859
Ion Ratio Lower Upper
252 100
253 22.3 18.9 28.3
125 5.4 4.5 6.7



#90
Benzo(a)pyrene
Concen: 41.866 ng
RT: 24.76 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG043093.D
Acq: 8 Oct 2019 19:56

Tgt Ion:252 Resp: 903390
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 6.0 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 44.884 ng

RT: 28.64 min Scan# 4348

Delta R.T. 0.00 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB123740BS

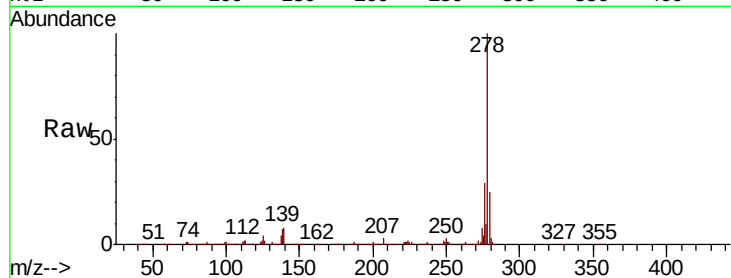
Tot Ion:278 Resp: 993135

Ion Ratio Lower Upper

278 100

139 7.7 6.8 10.2

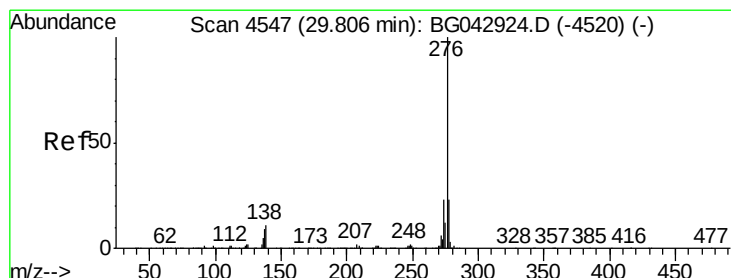
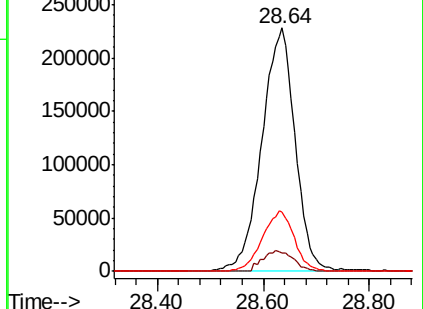
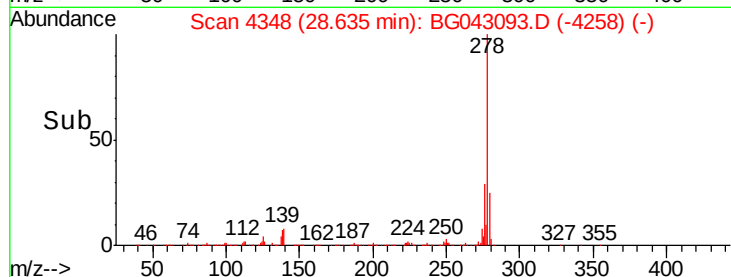
279 24.5 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.556 ng

RT: 29.72 min Scan# 4532

Delta R.T. -0.01 min

Lab File: BG043093.D

Acq: 8 Oct 2019 19:56

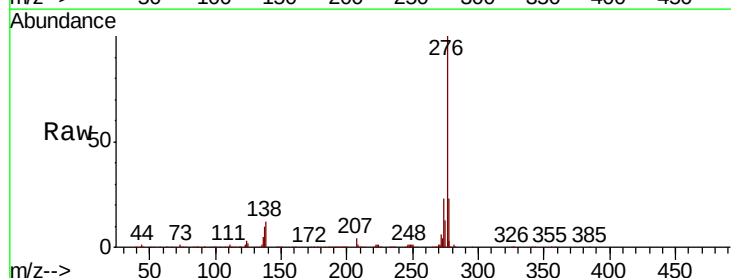
Tgt Ion:276 Resp: 976675

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 11.8 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

