

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043085.D
 Acq On : 8 Oct 2019 14:49
 Operator : JU
 Sample : PB123704BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 01:07:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48593	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	187933	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	140311	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	329257	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	362282	20.00	ng	-0.03
87) Perylene-d12	24.90	264	413946	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	337048	123.78	ng	-0.01
7) Phenol-d6	7.23	99	459113	117.09	ng	-0.01
23) Nitrobenzene-d5	9.22	82	233645	60.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	284005	117.71	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	606058	62.62	ng	-0.02
79) Terphenyl-d14	20.03	244	1169443	68.78	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	42175	37.151	ng	92
3) Pyridine	3.94	79	107201	33.574	ng	90
4) n-Nitrosodimethylamine	3.85	42	61584	40.107	ng	# 90
6) Aniline	7.39	93	152842	32.291	ng	95
8) 2-Chlorophenol	7.63	128	134557	47.386	ng	98
9) Benzaldehyde	7.19	77	81685	34.091	ng	85
10) Phenol	7.26	94	166815	46.370	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	114183	41.022	ng	94
12) 1,3-Dichlorobenzene	7.95	146	144294	39.834	ng	92
13) 1,4-Dichlorobenzene	8.09	146	148579	41.145	ng	96
14) 1,2-Dichlorobenzene	8.41	146	141998	41.303	ng	95
15) Benzyl Alcohol	8.30	79	120535	40.887	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	165117	30.889	ng	94
17) 2-Methylphenol	8.50	107	111156	44.159	ng	98
18) Hexachloroethane	9.14	117	53422	39.281	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	99546	38.663	ng	89
20) 3+4-Methylphenols	8.83	107	149791	43.423	ng	93
22) Acetophenone	8.87	105	193425	39.928	ng	# 97
24) Nitrobenzene	9.26	77	152417	41.327	ng	94
25) Isophorone	9.78	82	276773	40.752	ng	98
26) 2-Nitrophenol	9.97	139	75485	48.079	ng	95
27) 2,4-Dimethylphenol	10.03	122	122275	50.713	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	156406	40.589	ng	96
29) 2,4-Dichlorophenol	10.51	162	141202	47.088	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	157257	40.610	ng	97
31) Naphthalene	10.91	128	397943	43.015	ng	98
32) Benzoic acid	10.17	122	74560	41.034	ng	98
33) 4-Chloroaniline	11.03	127	47257	11.772	ng	# 93
34) Hexachlorobutadiene	11.20	225	109674	37.825	ng	97
35) Caprolactam	11.79	113	25499	24.113	ng	# 71
36) 4-Chloro-3-methylphenol	12.14	107	151604	46.498	ng	94
37) 2-Methylnaphthalene	12.51	142	305810	43.331	ng	96
38) 1-Methylnaphthalene	12.73	142	287071	42.987	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	196950	37.332	ng	98

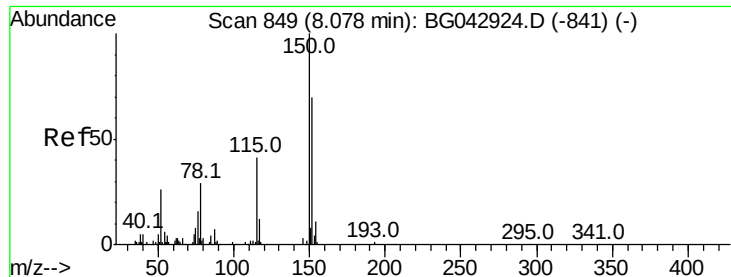
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043085.D
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 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	298044	88.667	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	130274	42.190	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	143911	45.242	ng	98
46) 1,1'-Biphenyl	13.52	154	409302	38.467	ng	98
47) 2-Chloronaphthalene	13.56	162	323886	40.599	ng	98
48) 2-Nitroaniline	13.76	65	104130	39.251	ng	88
49) Acenaphthylene	14.40	152	519315	42.542	ng	99
50) Dimethylphthalate	14.13	163	426838	40.601	ng	# 98
51) 2,6-Dinitrotoluene	14.24	165	98480	43.988	ng	92
52) Acenaphthene	14.74	154	313018	38.310	ng	99
53) 3-Nitroaniline	14.59	138	61710	26.672	ng	87
54) 2,4-Dinitrophenol	14.79	184	121704	87.456	ng	97
55) Dibenzofuran	15.07	168	504248	41.719	ng	99
56) 4-Nitrophenol	14.90	139	151590	85.989	ng	96
57) 2,4-Dinitrotoluene	15.03	165	140421	42.830	ng	96
58) Fluorene	15.73	166	422526	40.946	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	141805	41.869	ng	97
60) Diethylphthalate	15.49	149	422454	39.485	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	244401	39.491	ng	99
62) 4-Nitroaniline	15.74	138	95429	37.818	ng	98
63) Azobenzene	16.01	77	375436	38.543	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	89435	48.002	ng	94
66) n-Nitrosodiphenylamine	15.93	169	376867	43.358	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	172417	41.722	ng	97
68) Hexachlorobenzene	16.73	284	195529	42.495	ng	98
69) Atrazine	16.88	200	157066	42.913	ng	94
70) Pentachlorophenol	17.08	266	237106	89.304	ng	98
71) Phenanthrene	17.46	178	673505	41.899	ng	98
72) Anthracene	17.55	178	711512	44.338	ng	99
73) Carbazole	17.82	167	632896	42.530	ng	99
74) Di-n-butylphthalate	18.38	149	734578	41.373	ng	99
75) Fluoranthene	19.47	202	898114	42.242	ng	99
77) Benzidine	19.65	184	632179	69.691	ng	98
78) Pyrene	19.83	202	907348	41.962	ng	99
80) Butylbenzylphthalate	20.71	149	337410	41.109	ng	97
81) Benzo(a)anthracene	21.67	228	945804	41.899	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	243155	27.464	ng	95
83) Chrysene	21.74	228	900704	41.117	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	490786	42.023	ng	98
85) Di-n-octyl phthalate	22.79	149	821373	43.009	ng	96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1162334	42.622	ng	99
88) Benzo(b)fluoranthene	23.89	252	969761	41.404	ng	99
89) Benzo(k)fluoranthene	23.96	252	985139	42.516	ng	98
90) Benzo(a)pyrene	24.75	252	909619	41.163	ng	100
91) Dibenzo(a,h)anthracene	28.63	278	989500	43.668	ng	98
92) Benzo(g,h,i)perylene	29.72	276	980196	44.645	ng	98

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

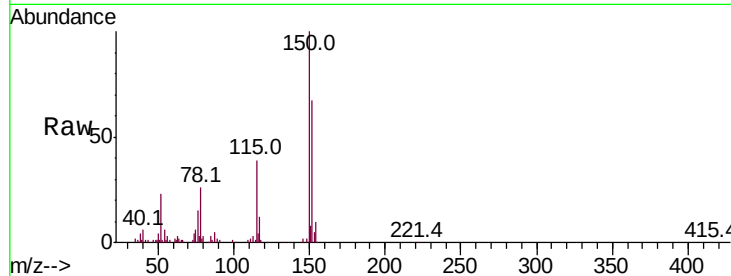


#1

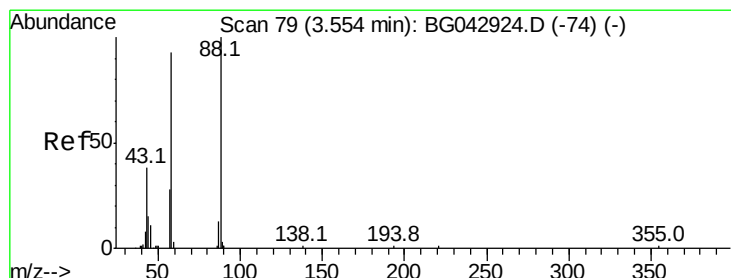
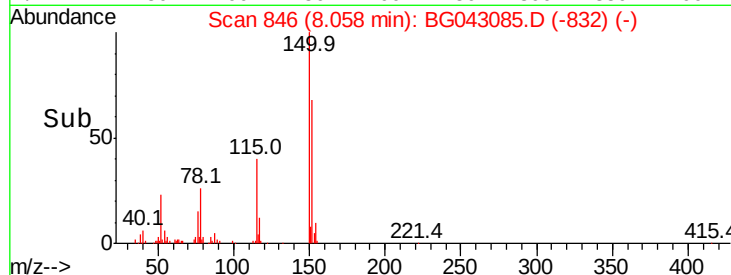
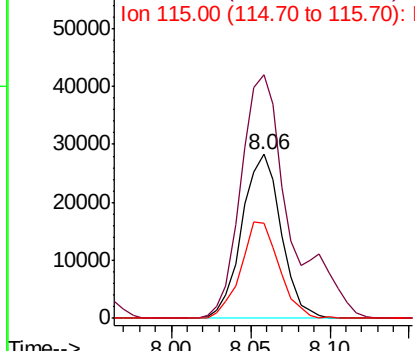
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48593
Ion Ratio Lower Upper
152 100
150 148.4 115.0 172.4
115 57.9 47.0 70.6



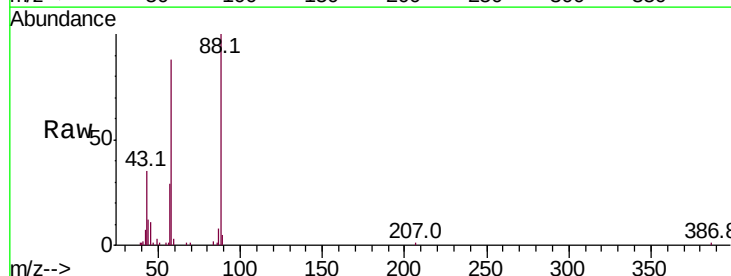
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



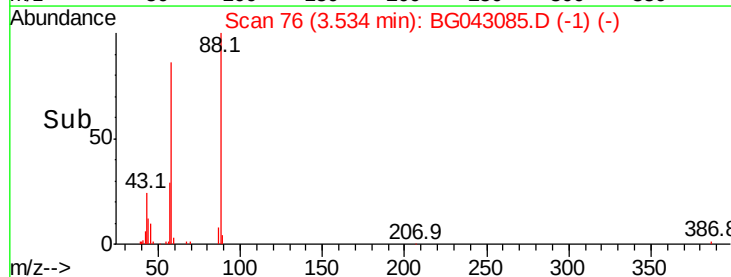
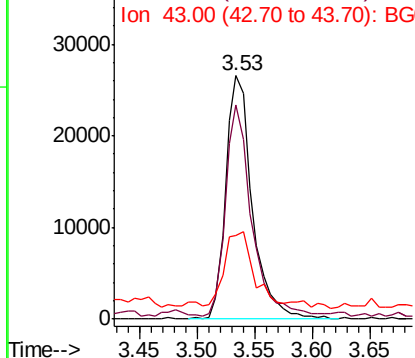
#2

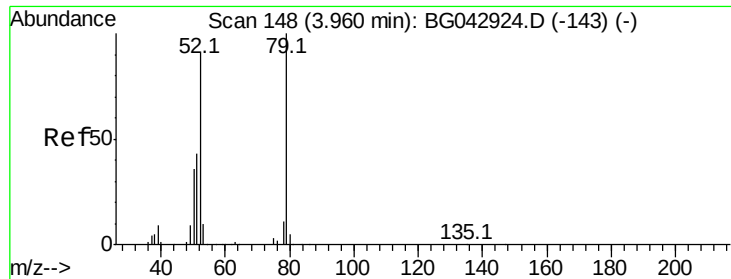
1,4-Dioxane
Concen: 37.151 ng
RT: 3.53 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion: 88 Resp: 42175
Ion Ratio Lower Upper
88 100
58 85.7 74.3 111.5
43 32.2 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: 33.574 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

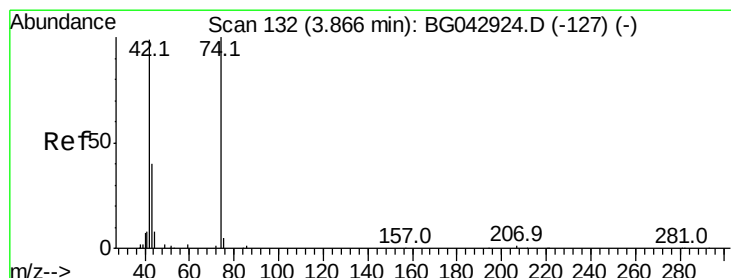
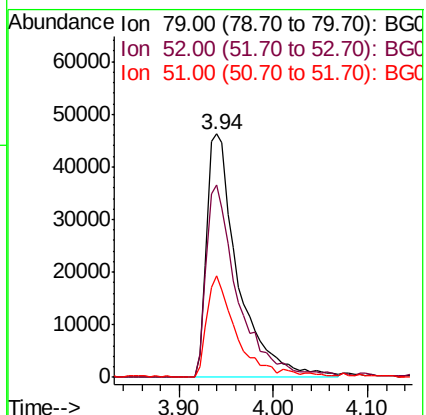
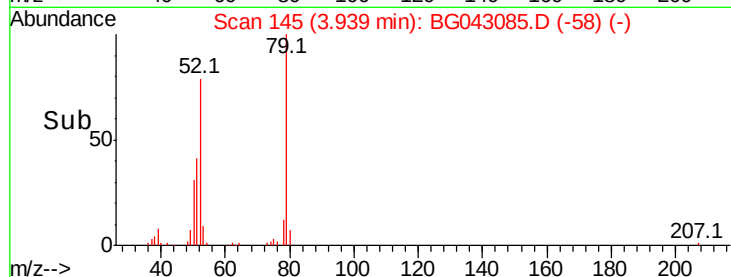
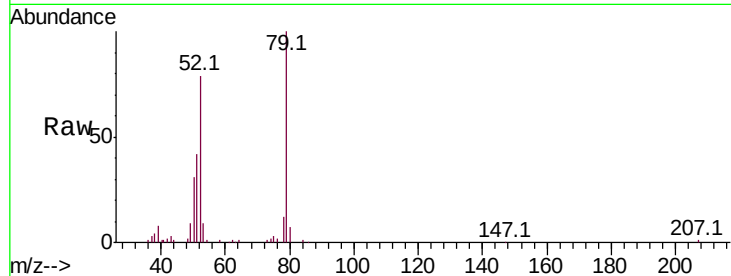
Tot Ion: 79 Resp: 107201

Ion Ratio Lower Upper

79 100

52 79.0 73.0 109.4

51 41.6 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 40.107 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

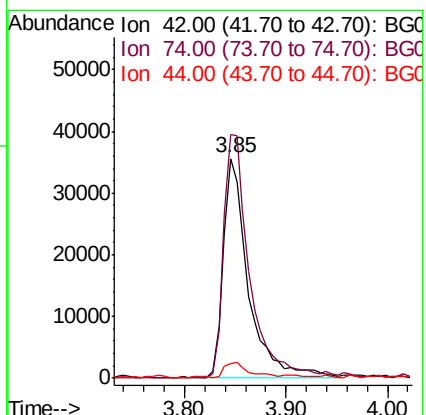
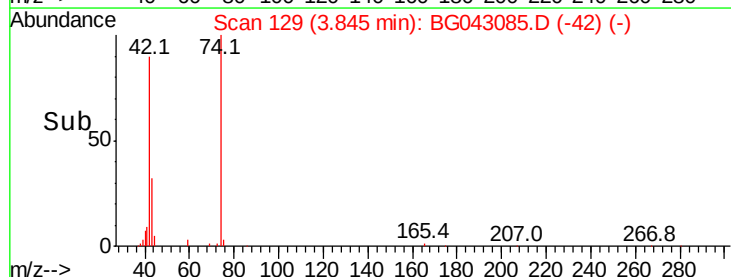
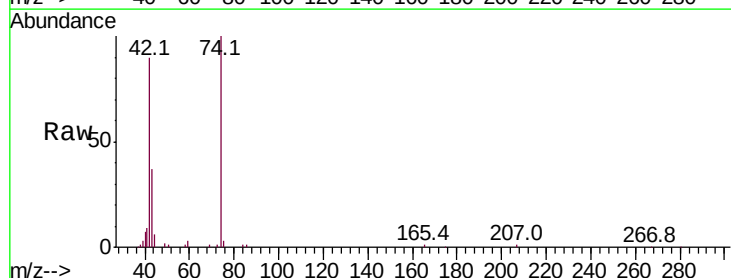
Tgt Ion: 42 Resp: 61584

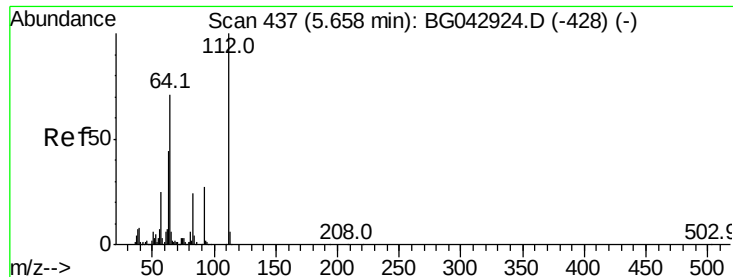
Ion Ratio Lower Upper

42 100

74 111.0 80.5 120.7

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 123.784 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

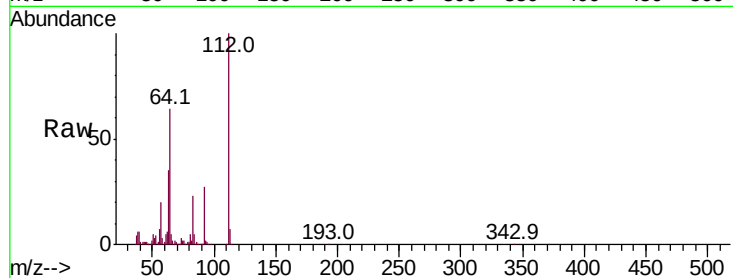
Tot Ion:112 Resp: 337048

Ion Ratio Lower Upper

112 100

64 63.6 56.6 84.8

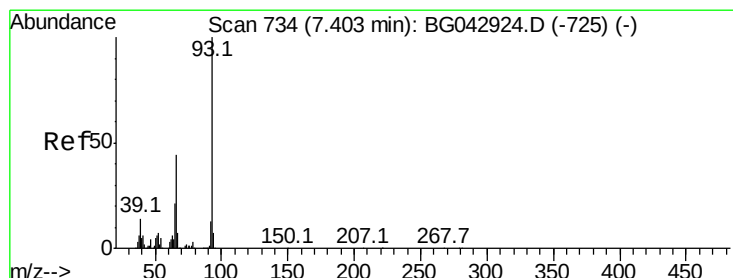
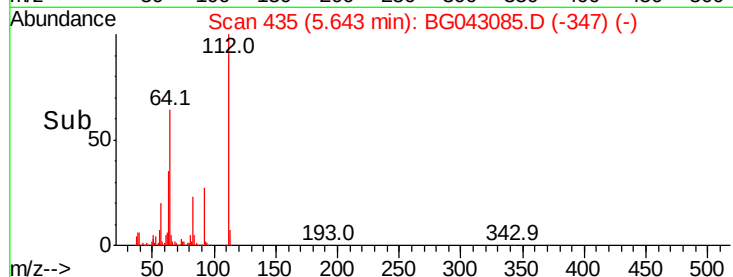
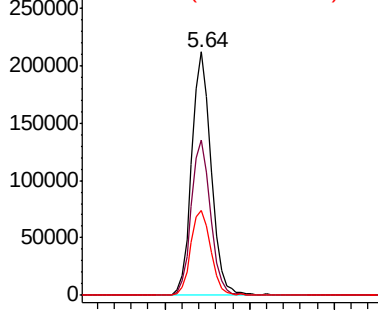
63 34.6 35.1 52.7#



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: 32.291 ng

RT: 7.39 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

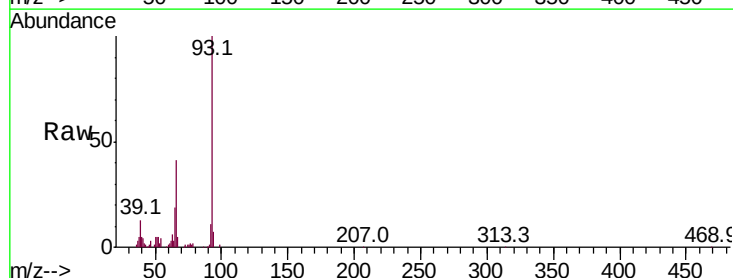
Tgt Ion: 93 Resp: 152842

Ion Ratio Lower Upper

93 100

66 41.2 35.0 52.6

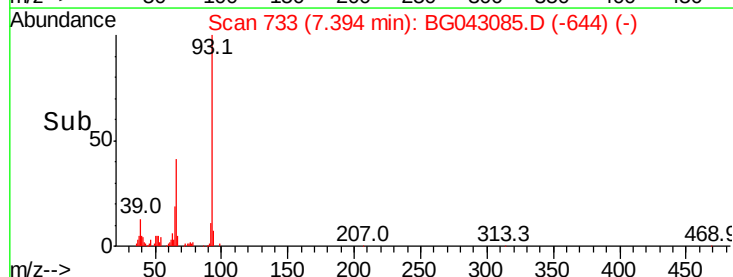
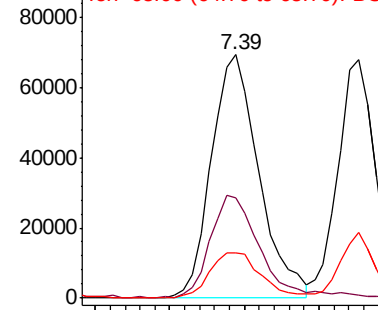
65 18.7 17.4 26.0

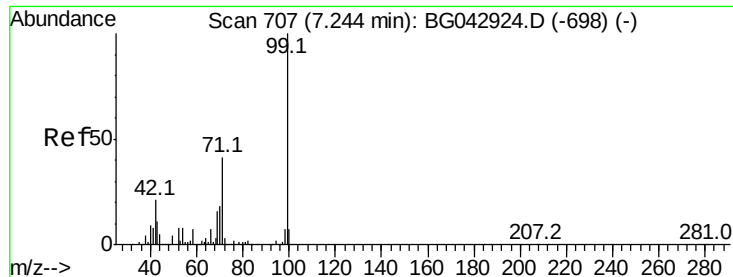


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.088 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

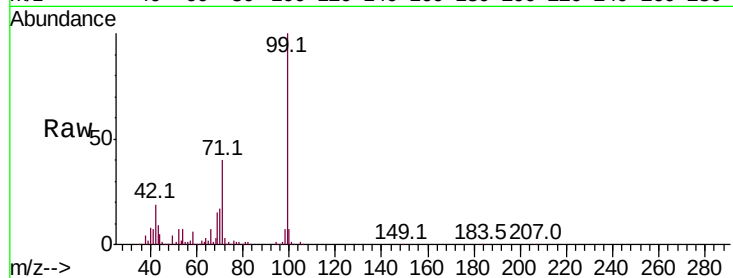
Tot Ion: 99 Resp: 459113

Ion Ratio Lower Upper

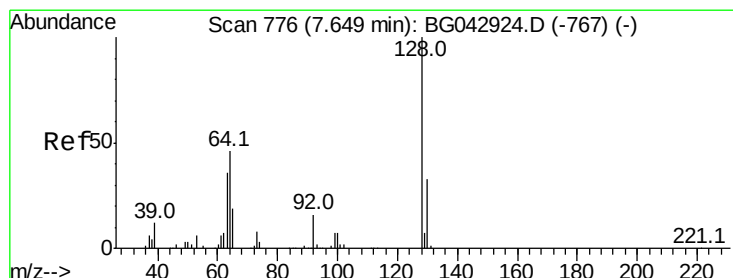
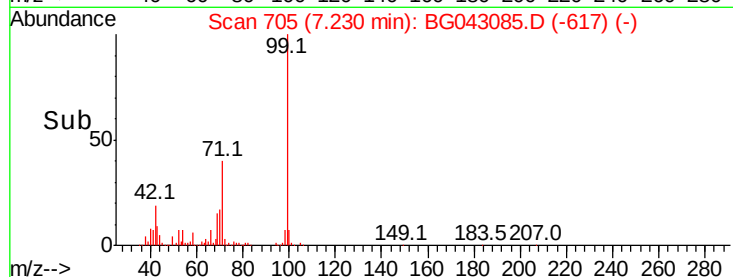
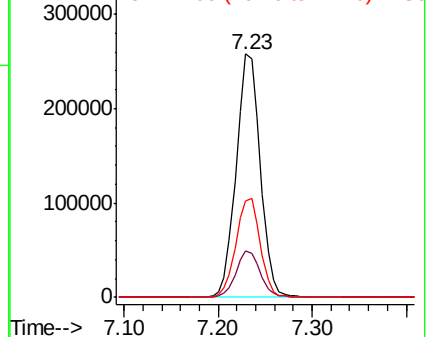
99 100

42 18.9 17.2 25.8

71 39.7 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: 47.386 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

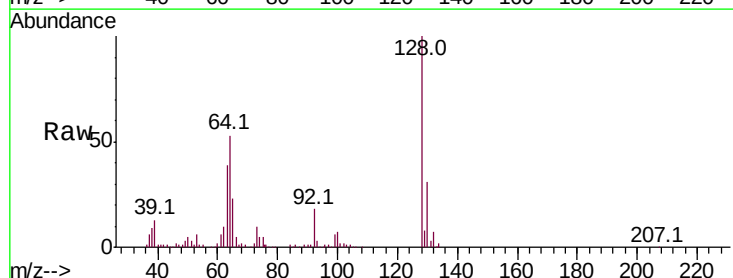
Tgt Ion: 128 Resp: 134557

Ion Ratio Lower Upper

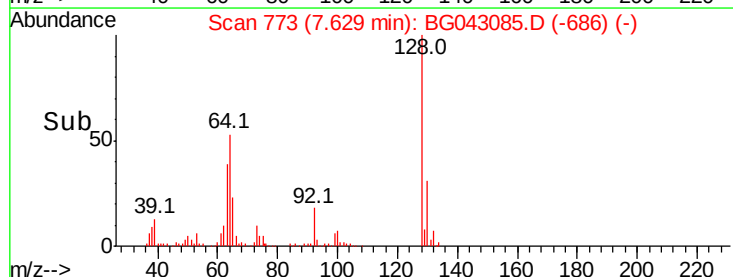
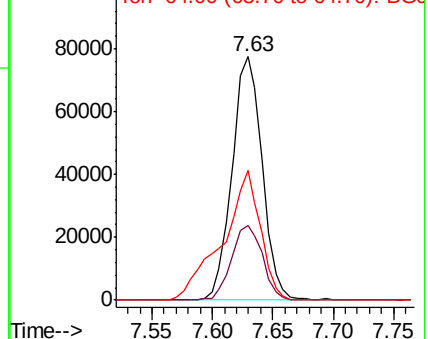
128 100

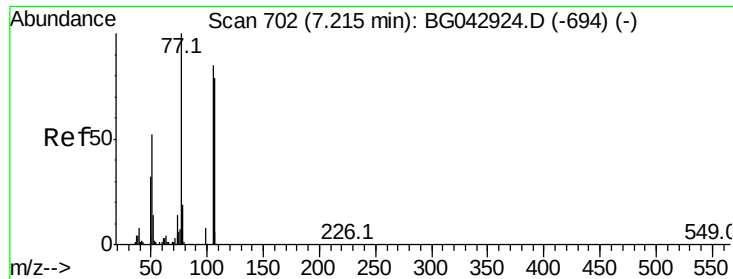
130 30.6 12.5 52.5

64 53.3 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: 34.091 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

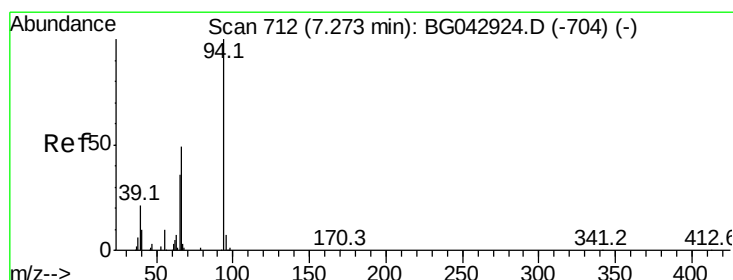
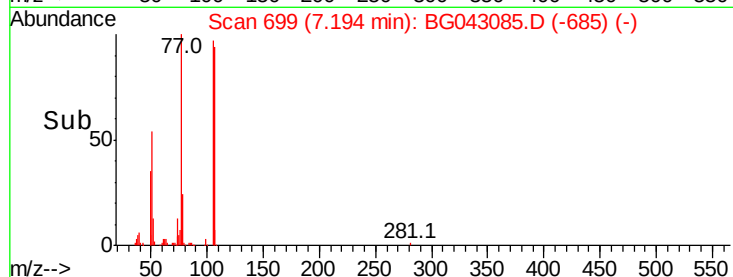
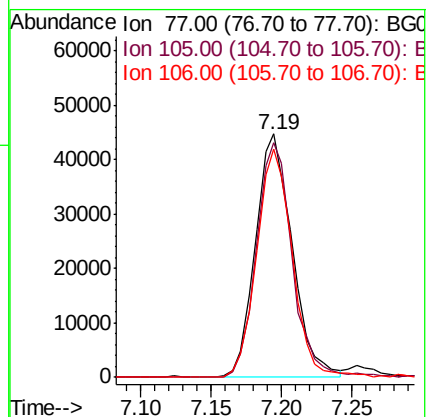
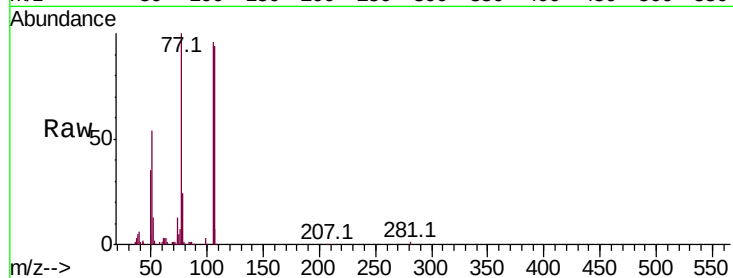
Tot Ion: 77 Resp: 81685

Ion Ratio Lower Upper

77 100

105 96.5 64.6 104.6

106 93.8 59.4 99.4



#10

Phenol

Concen: 46.370 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

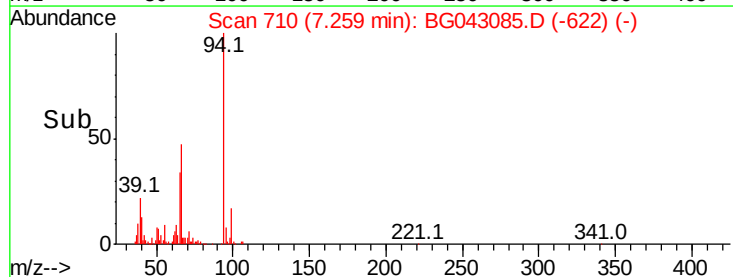
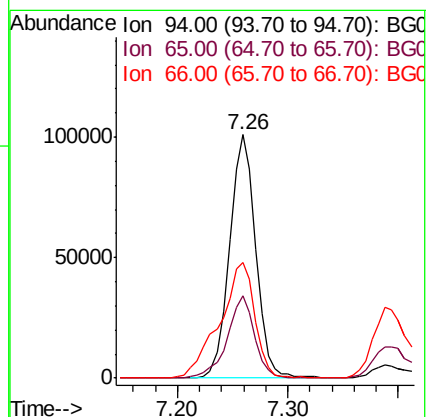
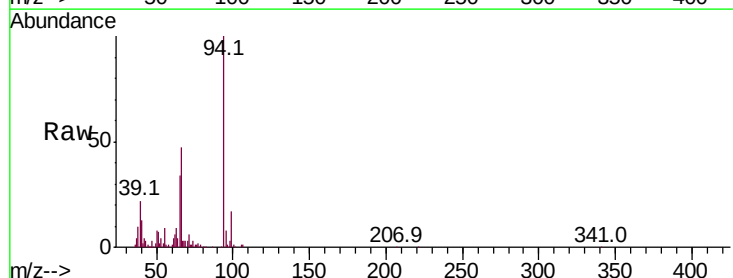
Tgt Ion: 94 Resp: 166815

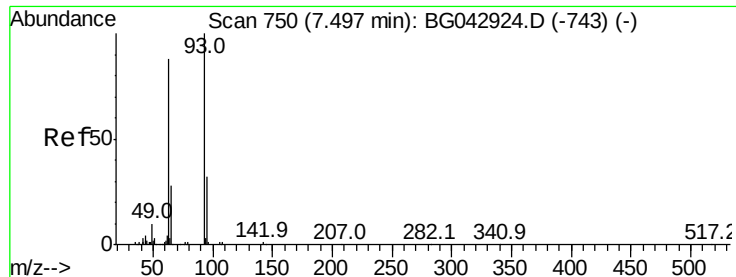
Ion Ratio Lower Upper

94 100

65 33.7 16.6 56.6

66 47.4 32.4 72.4





#11

bis(2-Chloroethyl)ether

Concen: 41.022 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

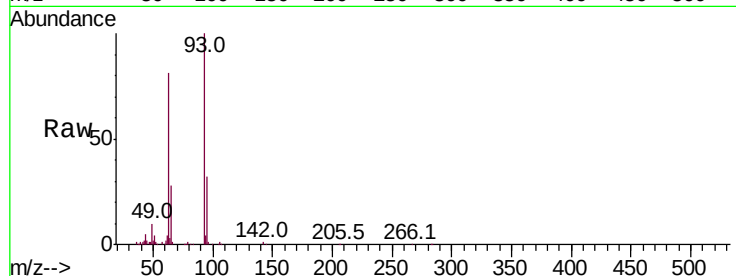
Tot Ion: 93 Resp: 114183

Ion Ratio Lower Upper

93 100

63 80.5 67.4 107.4

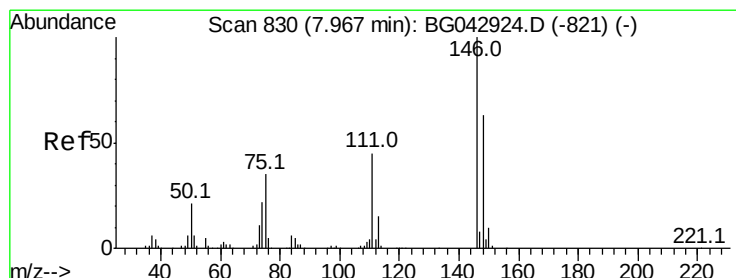
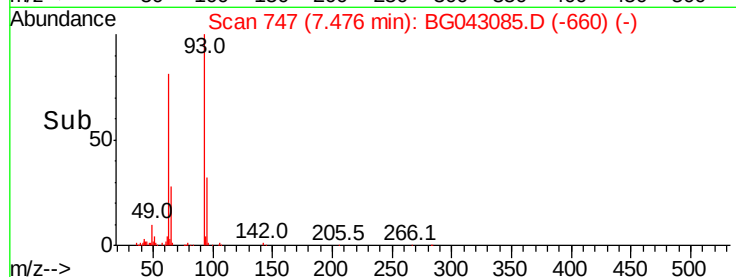
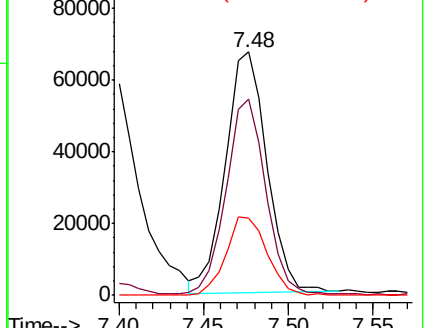
95 31.5 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.834 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

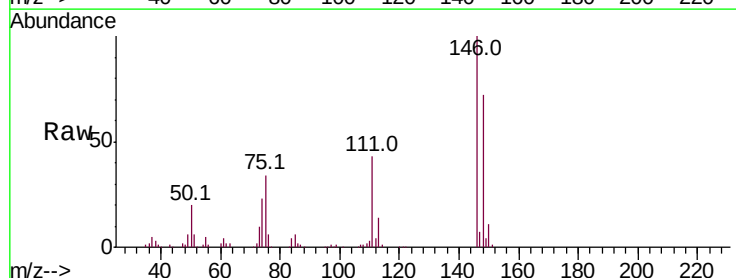
Tgt Ion: 146 Resp: 144294

Ion Ratio Lower Upper

146 100

148 72.5 50.7 76.1

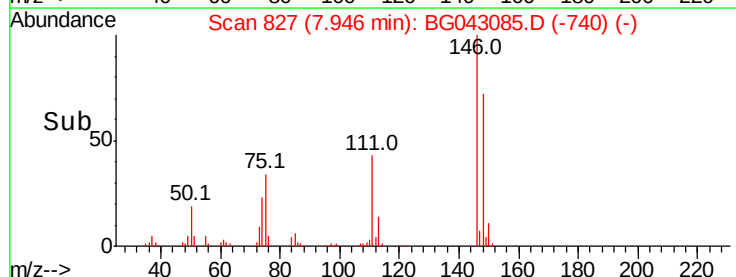
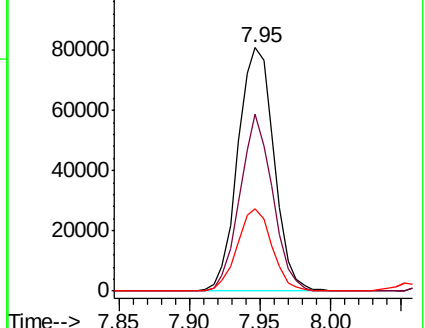
75 33.8 27.7 41.5

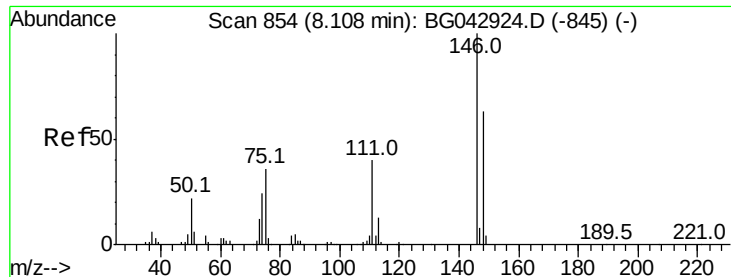


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

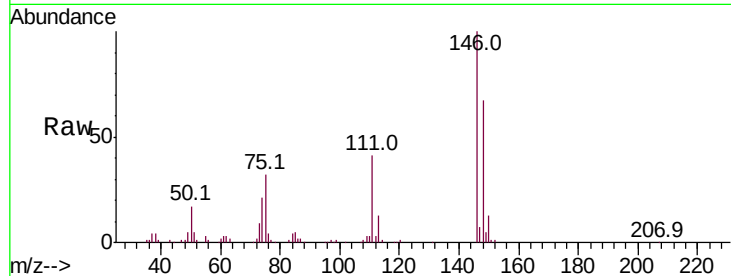




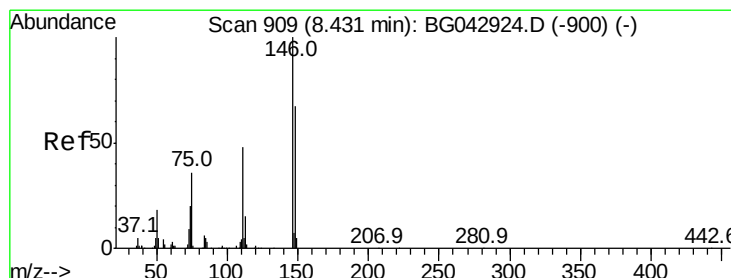
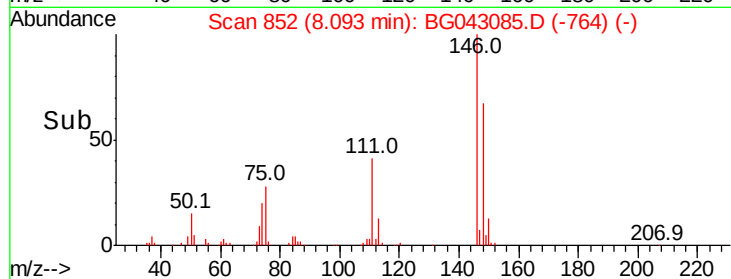
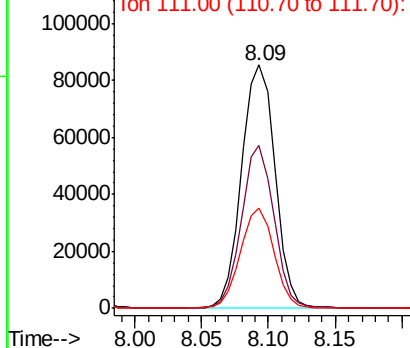
#13
 1,4-Dichlorobenzene
 Concen: 41.145 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.1	50.9	76.3
111	41.4	31.8	47.8

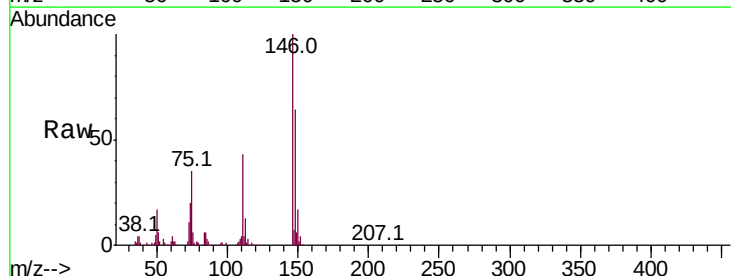


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

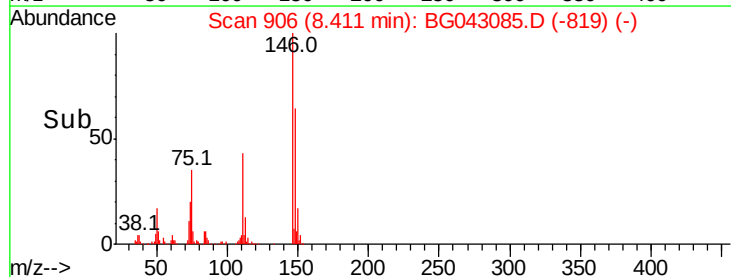
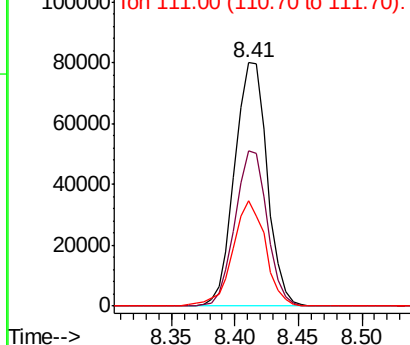


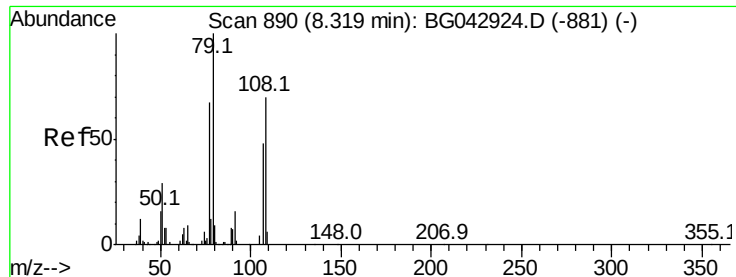
#14
 1,2-Dichlorobenzene
 Concen: 41.303 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.4	80.2
111	43.4	38.5	57.7



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





#15

Benzyl Alcohol

Concen: 40.887 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

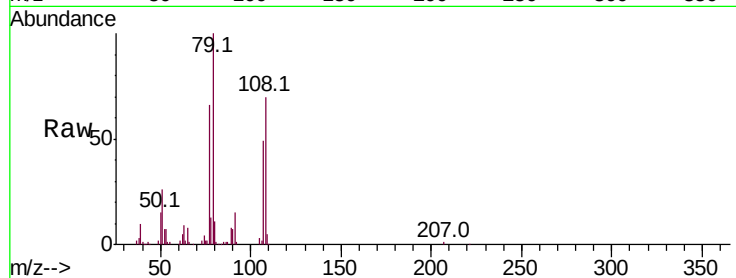
Tot Ion: 79 Resp: 120535

Ion Ratio Lower Upper

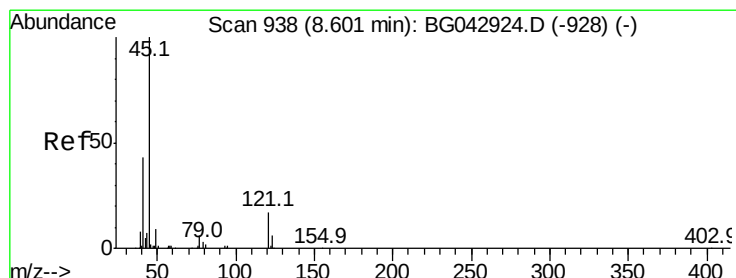
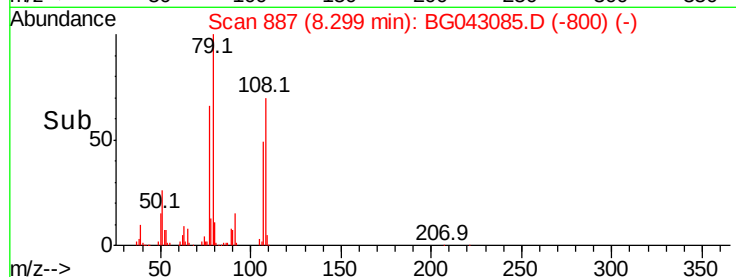
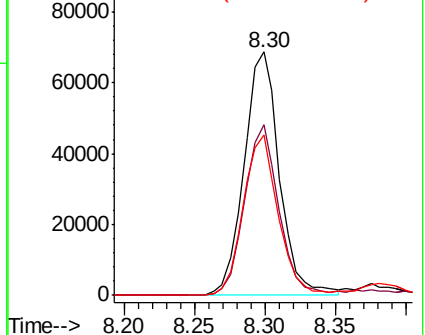
79 100

108 70.3 55.7 83.5

77 66.0 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: 30.889 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

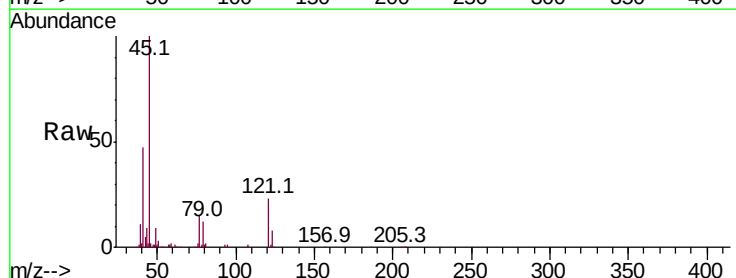
Tgt Ion: 45 Resp: 165117

Ion Ratio Lower Upper

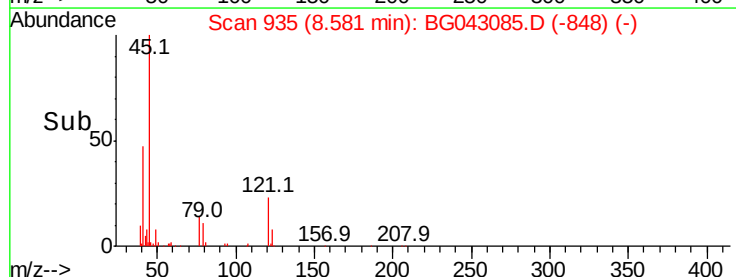
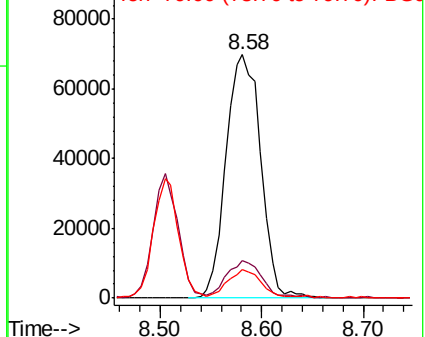
45 100

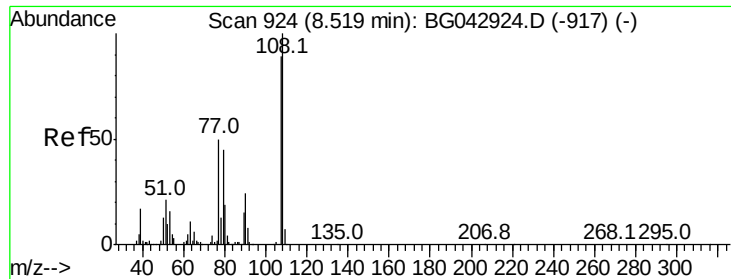
77 15.3 0.0 32.8

79 11.7 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: 44.159 ng

RT: 8.50 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 111156

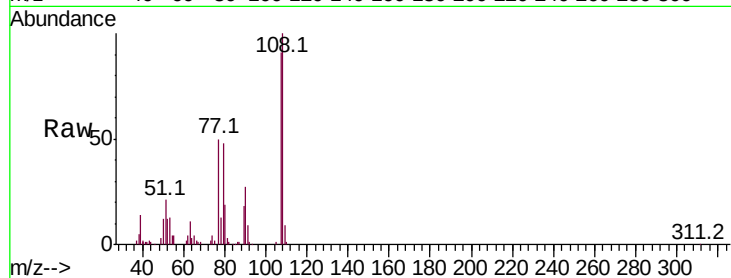
Ion Ratio Lower Upper

107 100

108 109.4 89.9 134.9

77 54.6 45.4 68.2

79 52.3 41.4 62.0

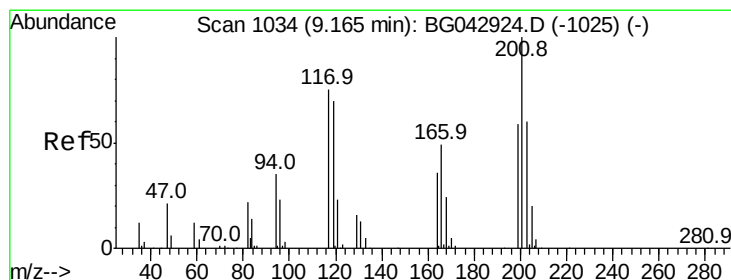
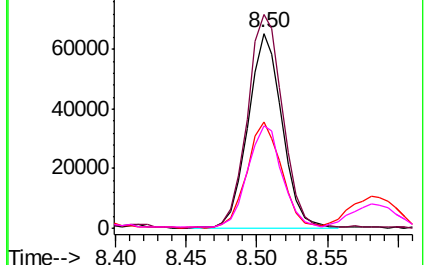
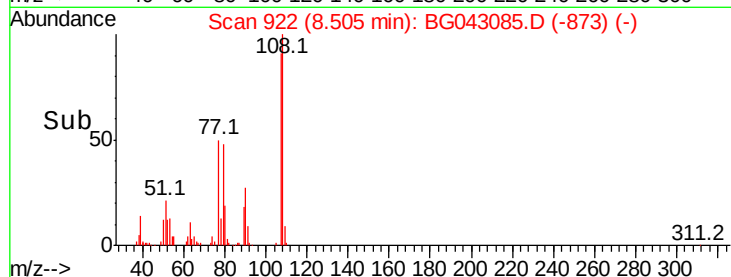


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.281 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

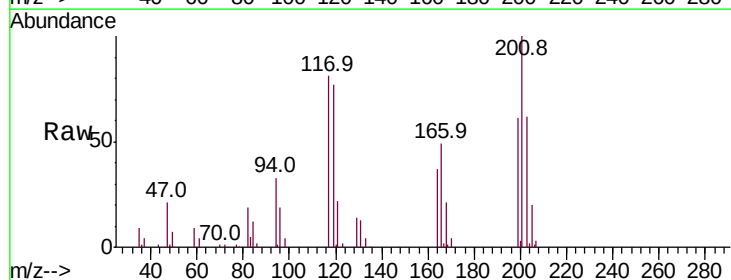
Tgt Ion:117 Resp: 53422

Ion Ratio Lower Upper

117 100

119 95.0 74.6 111.8

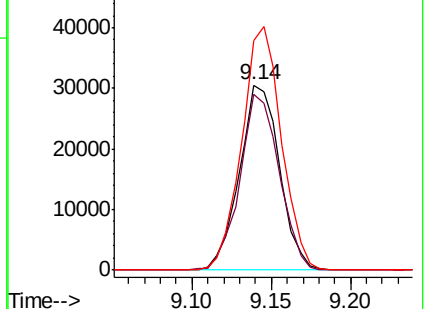
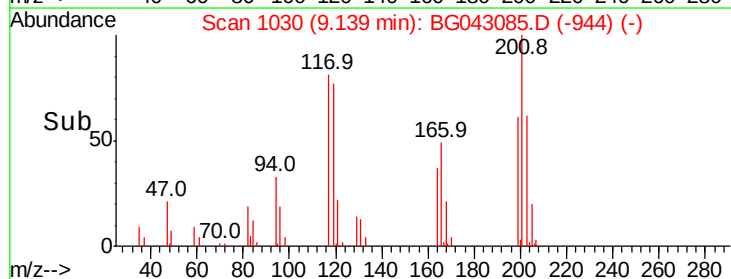
201 123.9 106.0 159.0

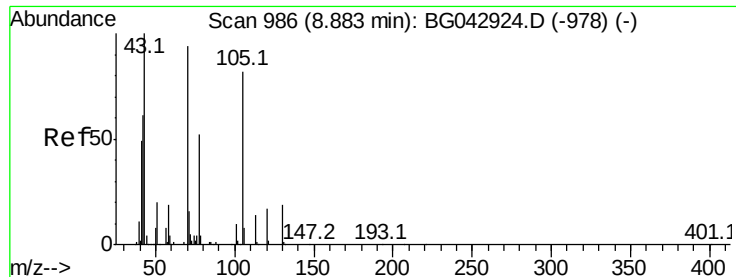


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

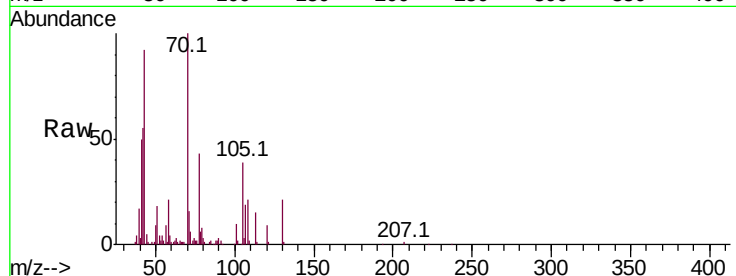




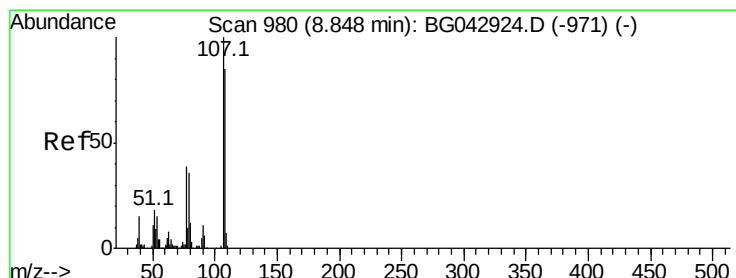
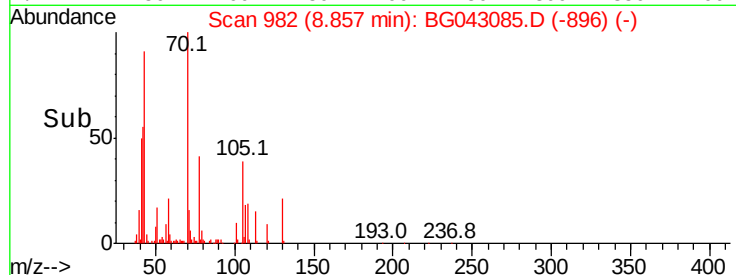
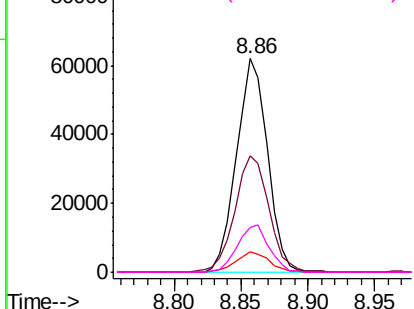
#19
n-Nitroso-di-n-propylamine
Concen: 38.663 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 99546
Ion Ratio Lower Upper
70 100
42 54.5 52.6 79.0
101 9.6 8.7 13.1
130 21.2 15.8 23.8



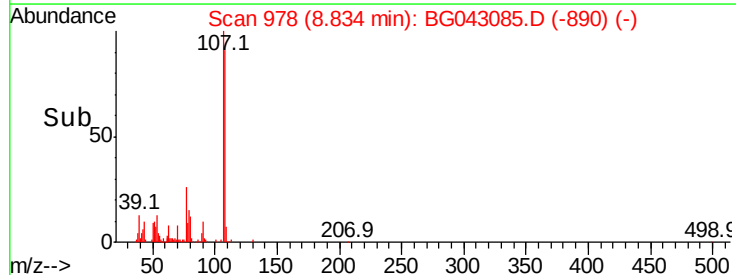
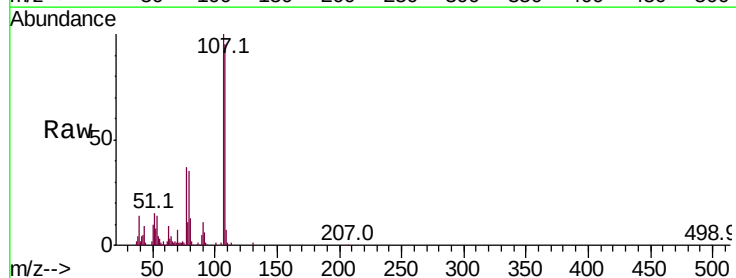
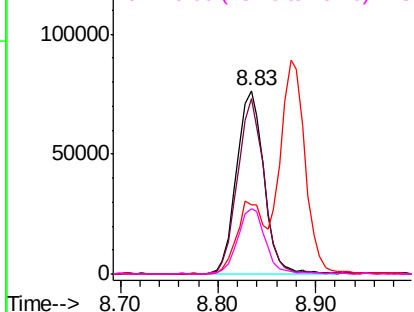
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

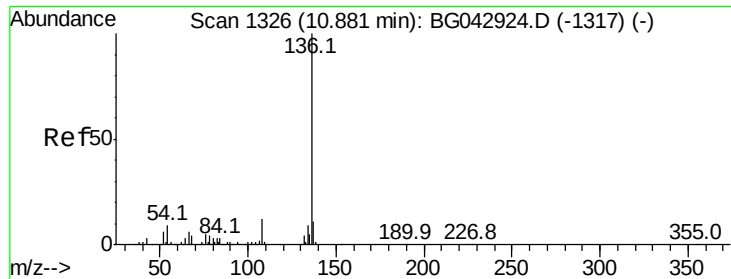


#20
3+4-Methylphenols
Concen: 43.423 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion: 107 Resp: 149791
Ion Ratio Lower Upper
107 100
108 95.3 64.9 104.9
77 37.4 19.4 59.4
79 35.4 16.2 56.2

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

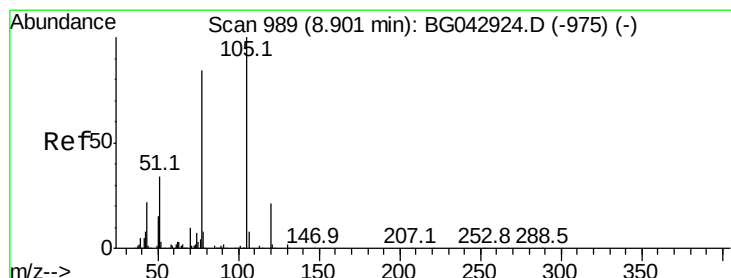
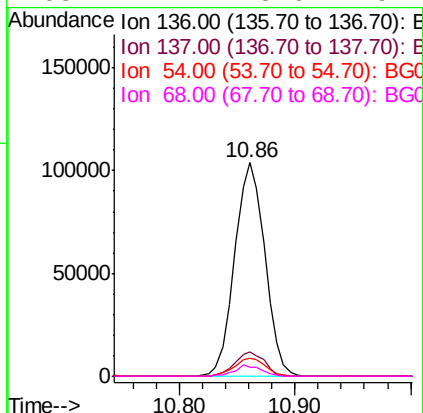
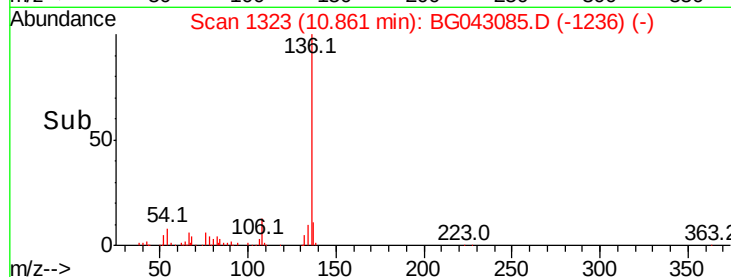
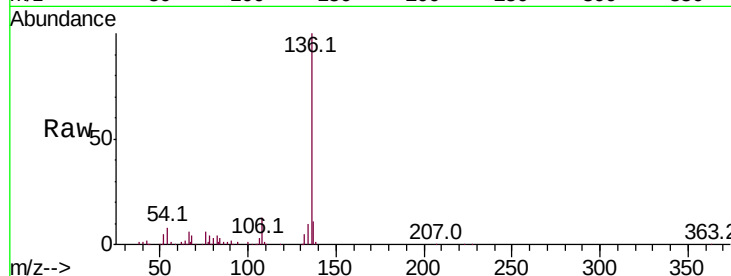




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

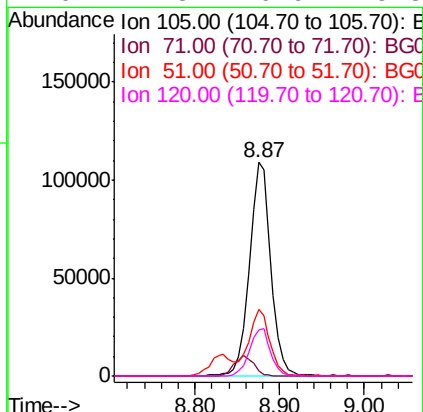
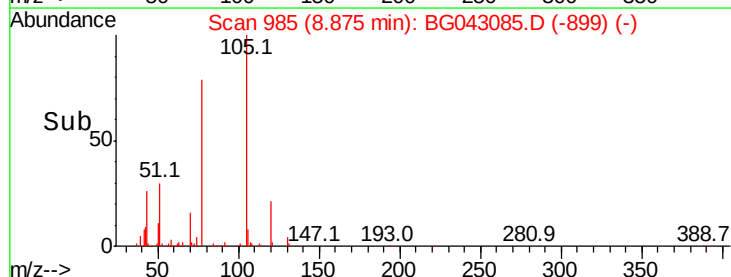
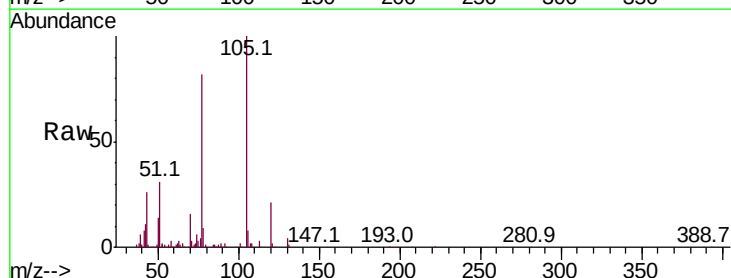
Instrument :
BNA_G
ClientSampleId :

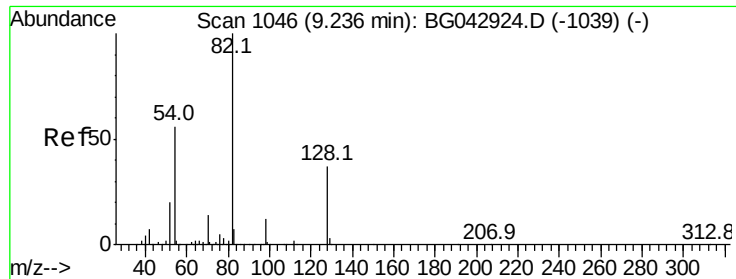
Tot Ion:136	Resp:	187933
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.5 12.7
54	8.5	7.4 11.2
68	4.1	3.6 5.4



#22
Acetophenone
Concen: 39.928 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.03 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion:105	Resp:	193425
Ion	Ratio	Lower Upper
105	100	
71	2.7	1.2 1.8#
51	31.3	27.2 40.8
120	21.3	16.9 25.3





#23

Nitrobenzene-d5

Concen: 60.428 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

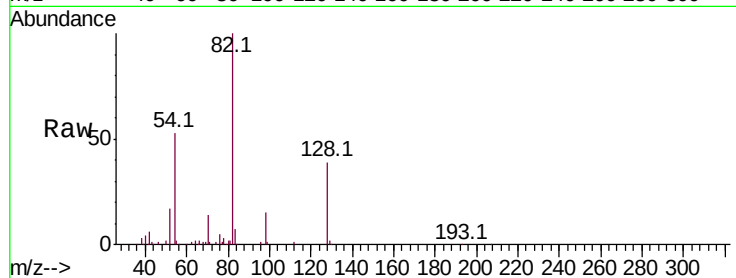
Tot Ion: 82 Resp: 233645

Ion Ratio Lower Upper

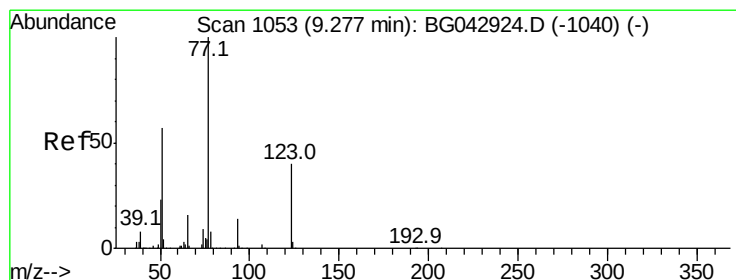
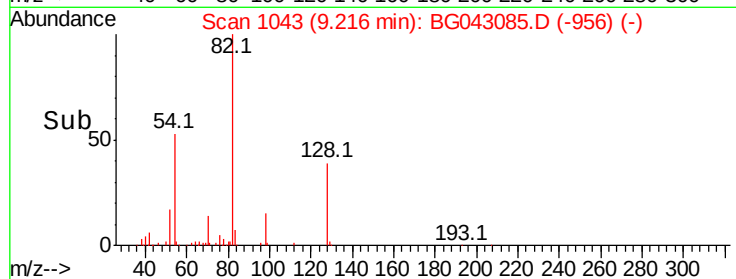
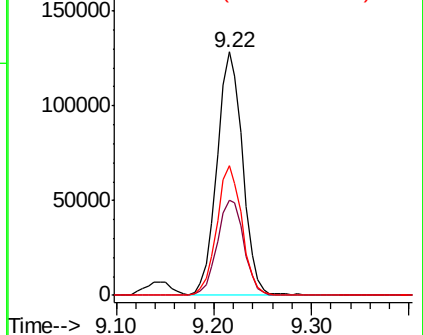
82 100

128 39.2 29.5 44.3

54 53.2 44.6 67.0



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



#24

Nitrobenzene

Concen: 41.327 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

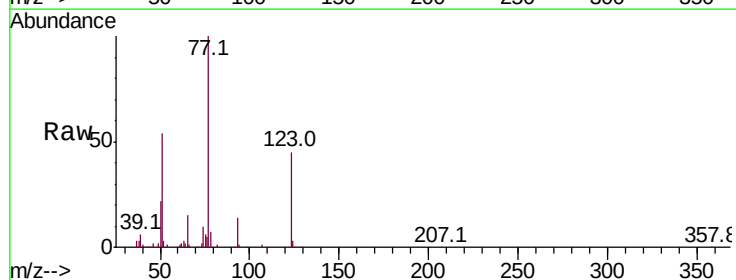
Tgt Ion: 77 Resp: 152417

Ion Ratio Lower Upper

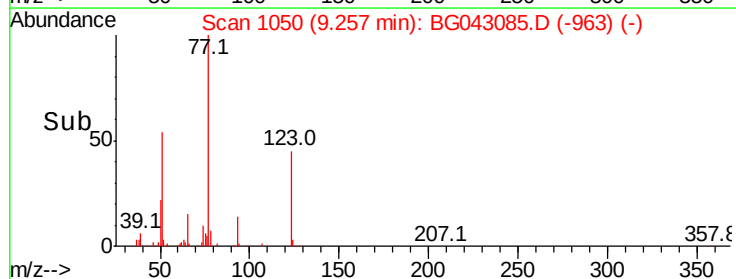
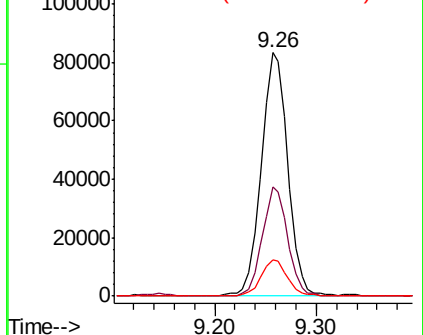
77 100

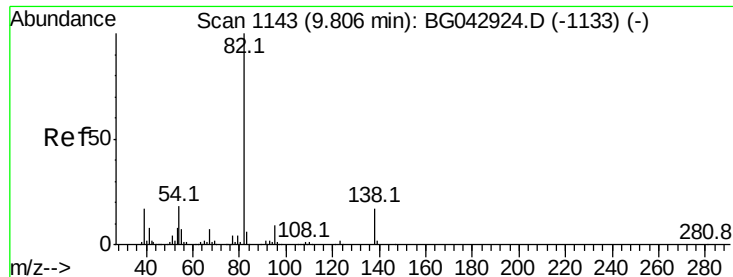
123 44.7 31.9 47.9

65 14.9 12.4 18.6



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





#25

Isophorone

Concen: 40.752 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.03 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

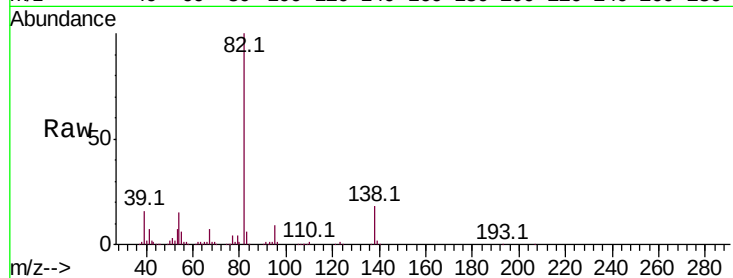
Tot Ion: 82 Resp: 276773

Ion Ratio Lower Upper

82 100

95 8.6 7.0 10.4

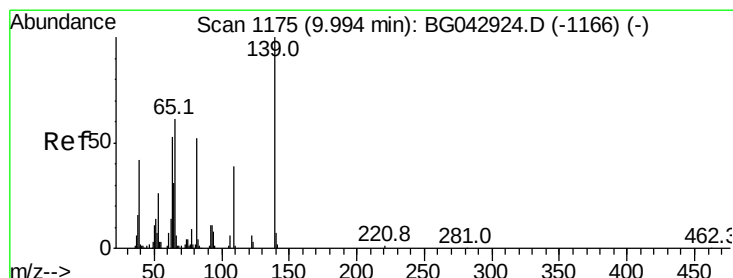
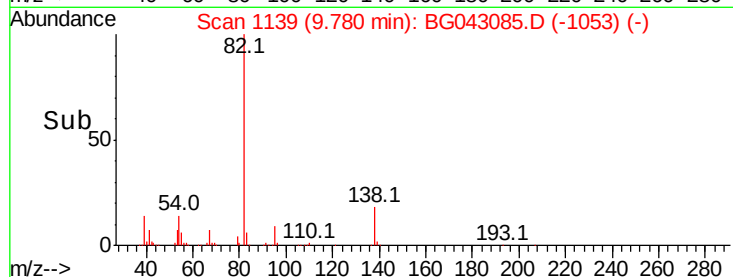
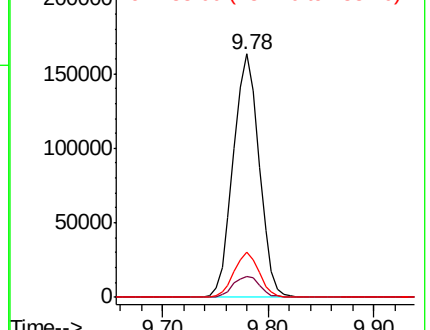
138 18.4 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BG042924.D (-1133) (-)

Ion 95.00 (94.70 to 95.70): BG042924.D (-1133) (-)

Ion 138.00 (137.70 to 138.70): BG042924.D (-1133) (-)



#26

2-Nitrophenol

Concen: 48.079 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

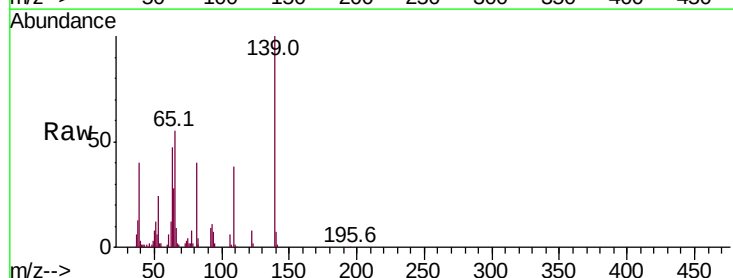
Tgt Ion: 139 Resp: 75485

Ion Ratio Lower Upper

139 100

109 37.6 31.0 46.6

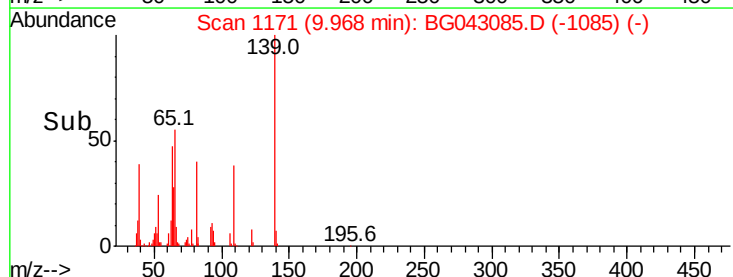
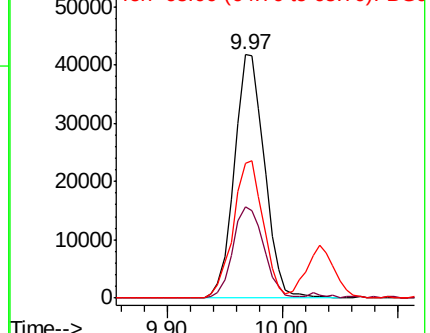
65 55.2 48.4 72.6

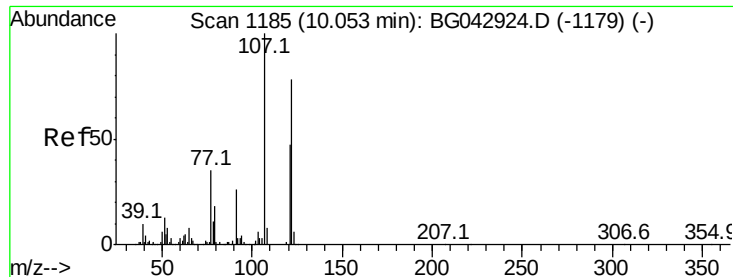


Abundance Ion 139.00 (138.70 to 139.70): BG042924.D (-1166) (-)

Ion 109.00 (108.70 to 109.70): BG042924.D (-1166) (-)

Ion 65.00 (64.70 to 65.70): BG042924.D (-1166) (-)

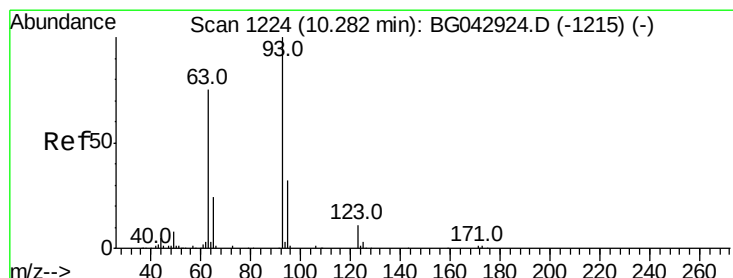
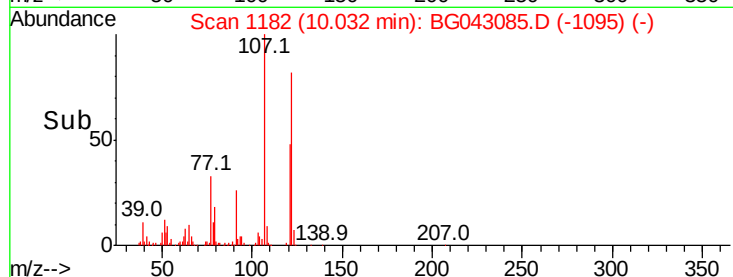
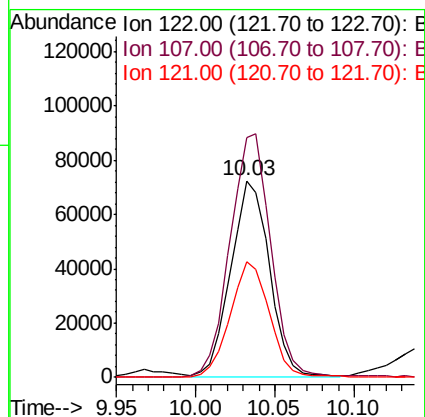
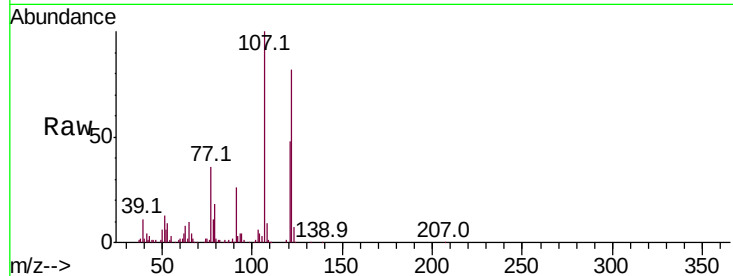




#27
2,4-Dimethylphenol
Concen: 50.713 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

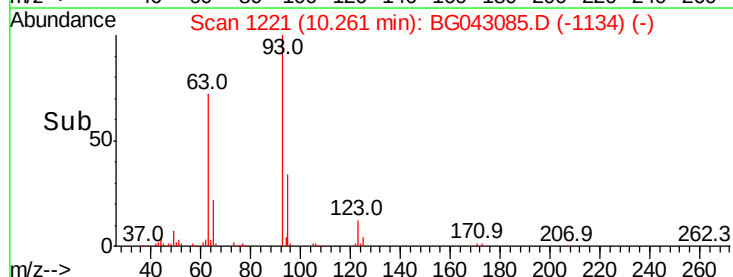
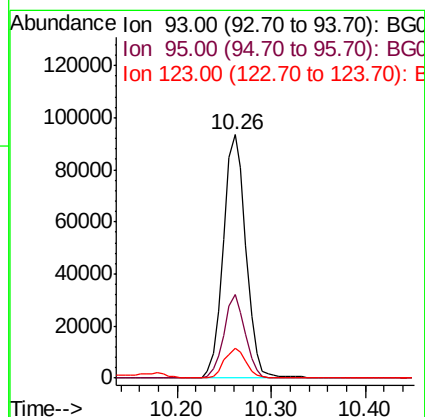
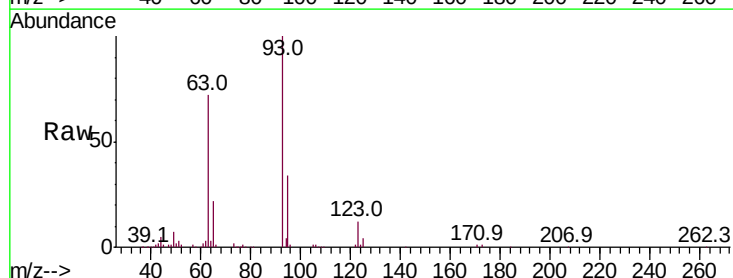
Instrument :
BNA_G
ClientSampleId :

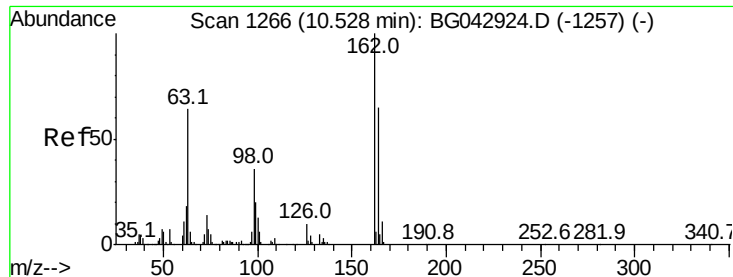
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.2	102.2	153.2
121	58.6	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.589 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	25.4	38.0
123	12.2	9.3	13.9

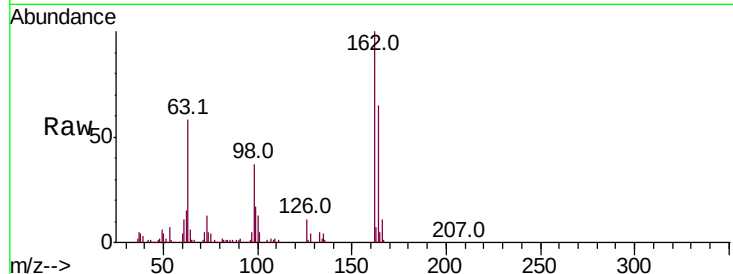




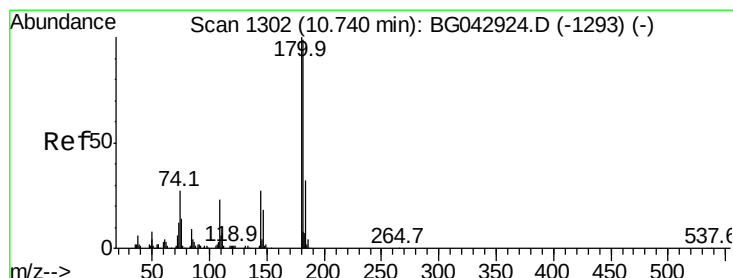
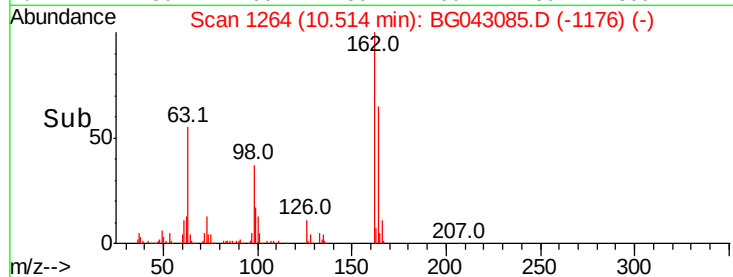
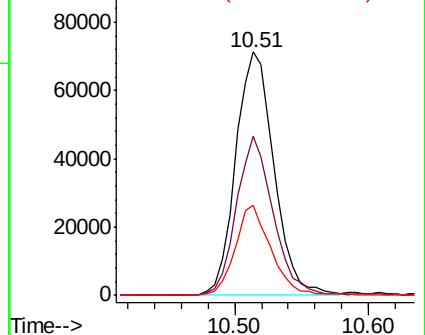
#29
 2,4-Dichlorophenol
 Concen: 47.088 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.7	84.7
98	37.1	16.0	56.0

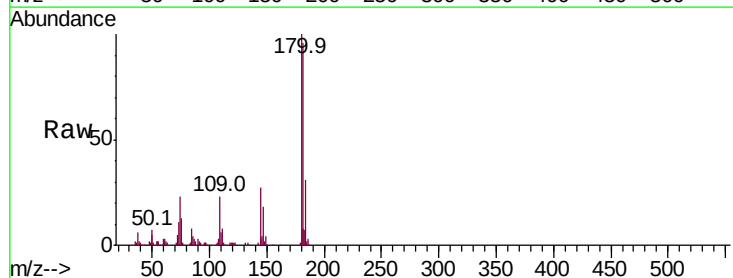


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

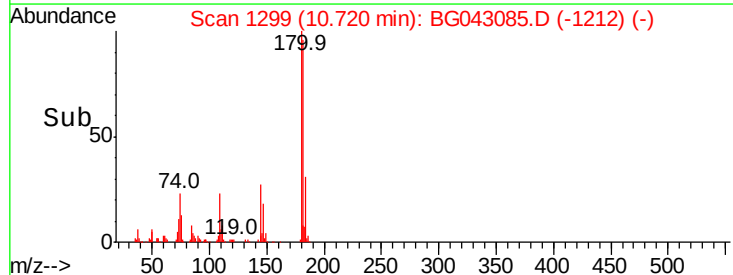
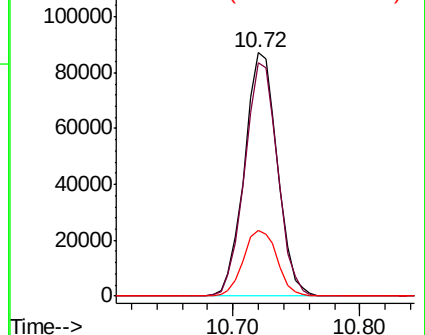


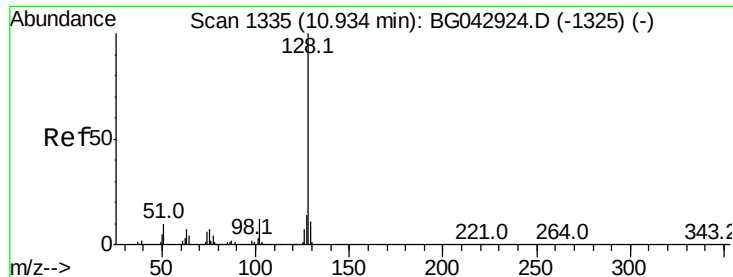
#30
 1,2,4-Trichlorobenzene
 Concen: 40.610 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	79.3	118.9
145	26.8	22.0	33.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

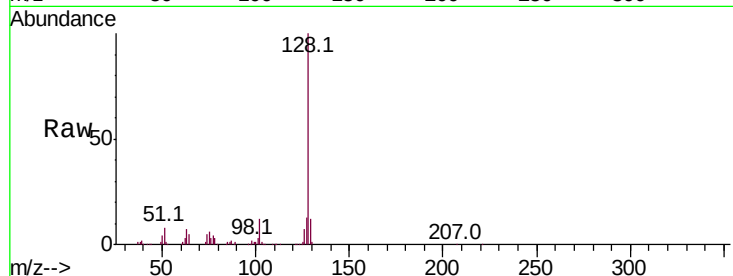




#31
Naphthalene
Concen: 43.015 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	12.8	11.3	16.9

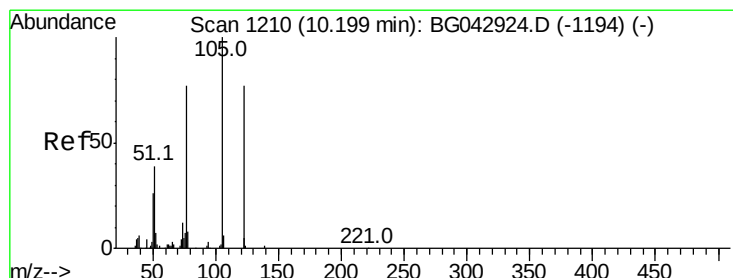
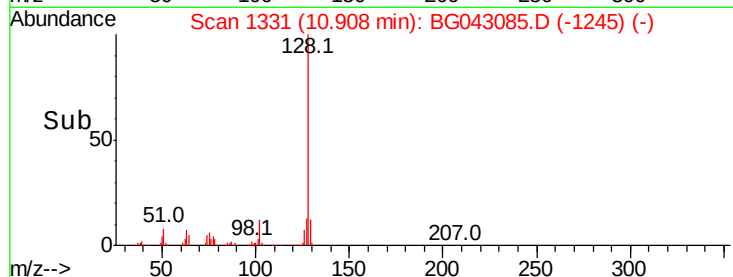
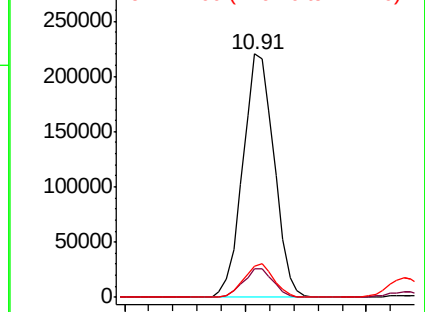


Abundance

Ion 128.00 (127.70 to 128.70): E

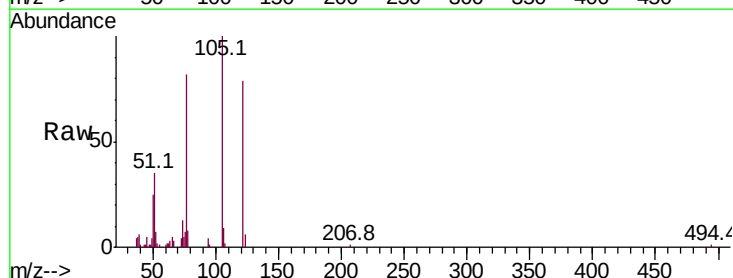
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.034 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.03 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	107.5	147.5
77	103.1	79.8	119.8

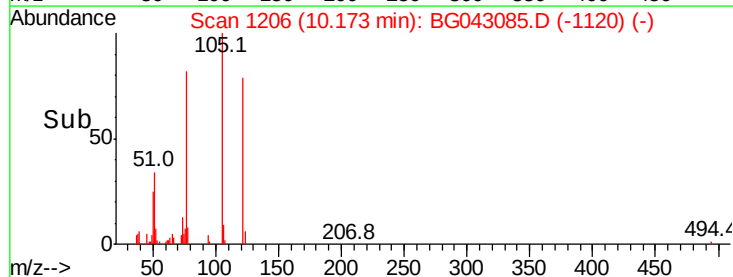
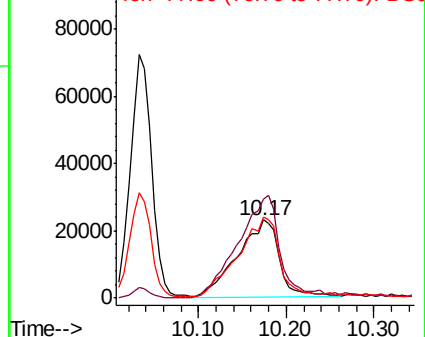


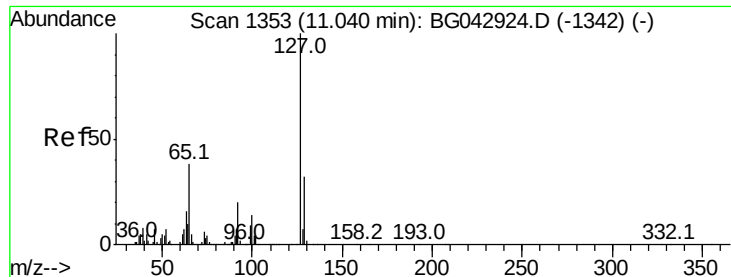
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

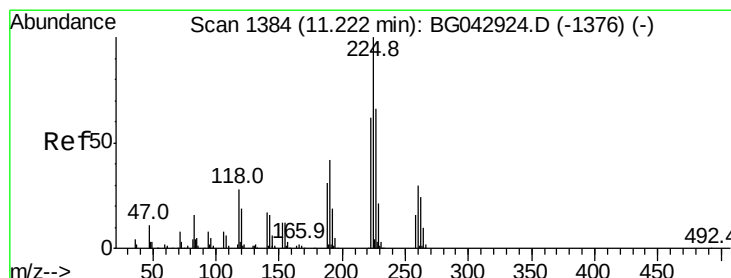
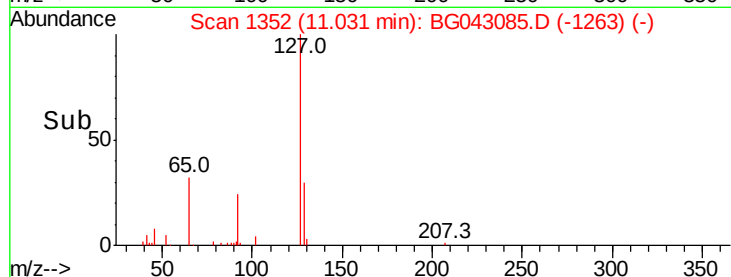
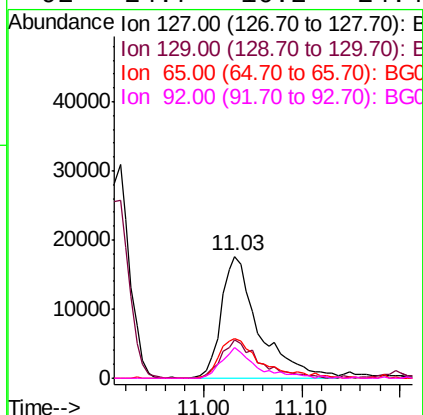
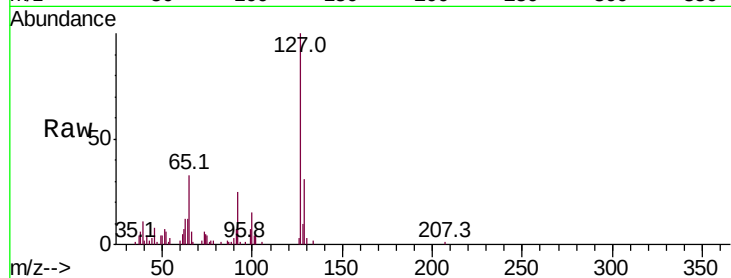




#33
4-Chloroaniline
Concen: 11.772 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

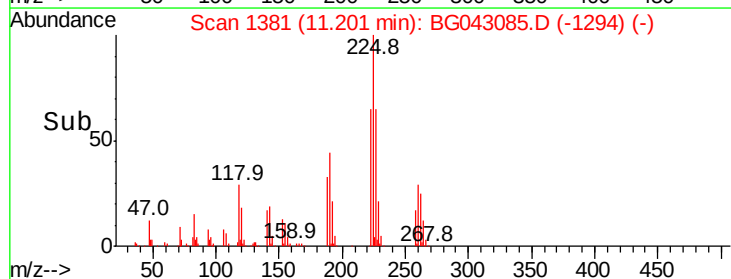
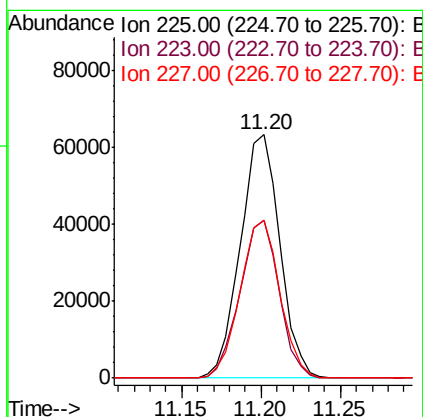
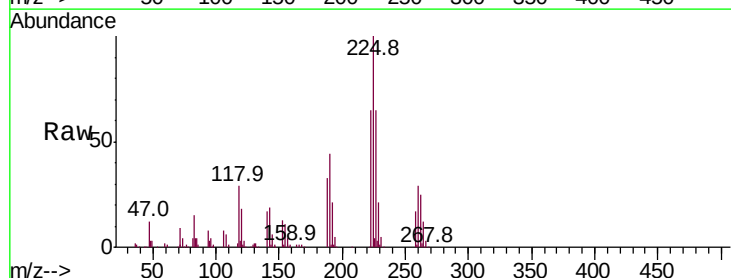
Instrument :
BNA_G
ClientSampleId :

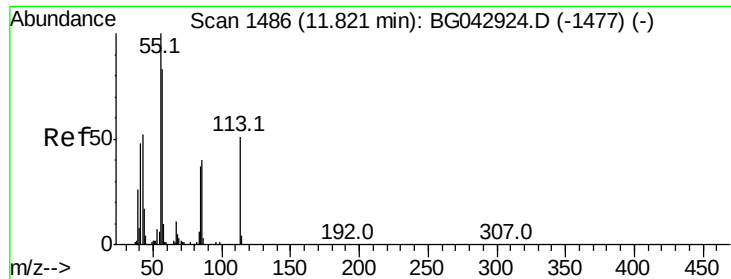
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	32.7	30.6	45.8
92	24.7	16.2	24.4



#34
Hexachlorobutadiene
Concen: 37.825 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.3	73.9
227	65.0	52.8	79.2

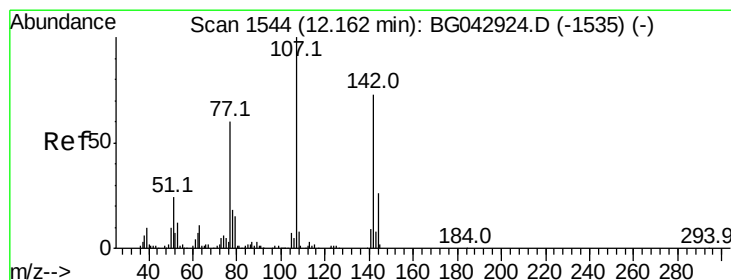
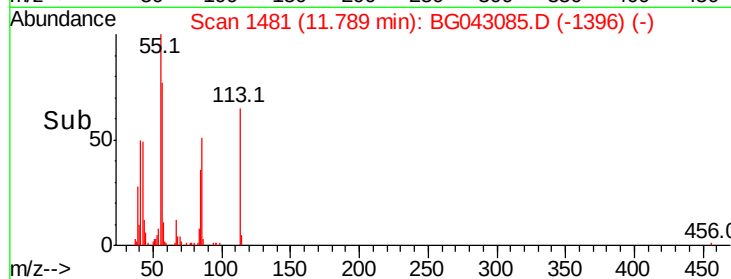
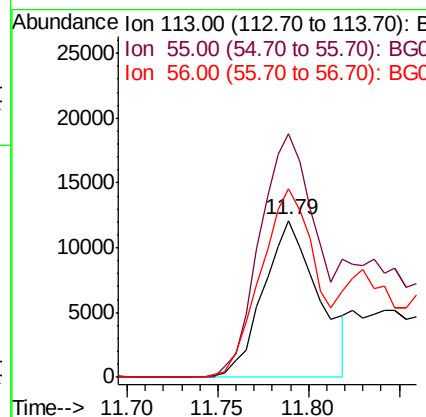
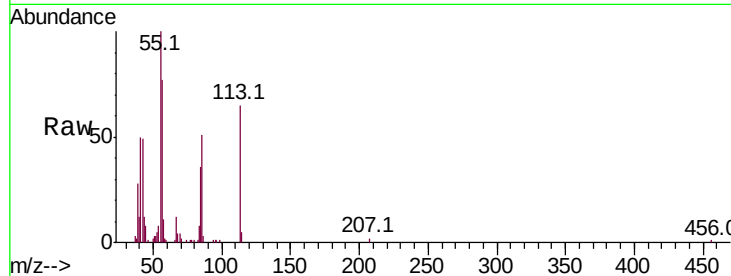




#35
 Caprolactam
 Concen: 24.113 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.03 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

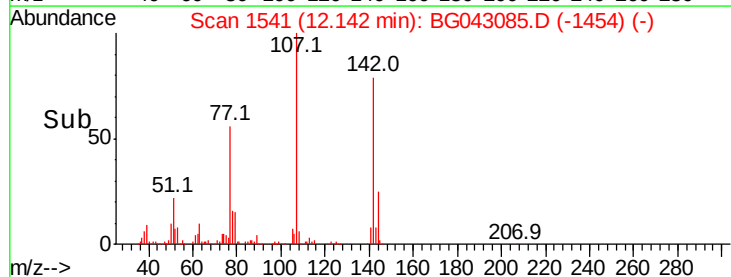
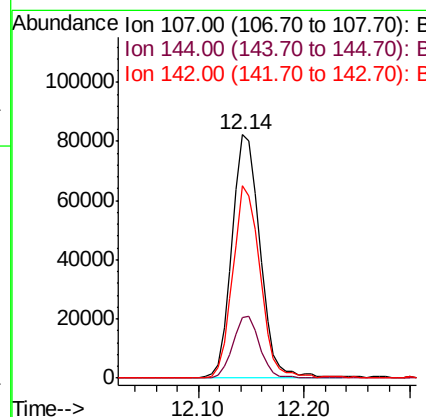
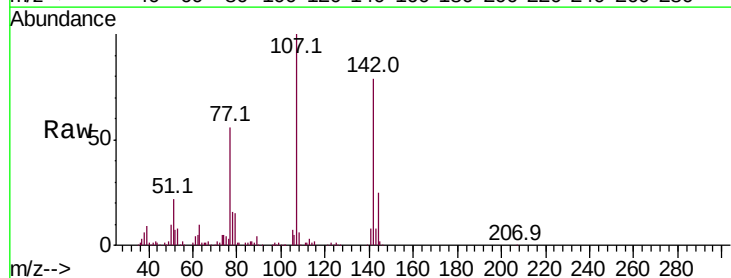
Instrument :
 BNA_G
 ClientSampled :

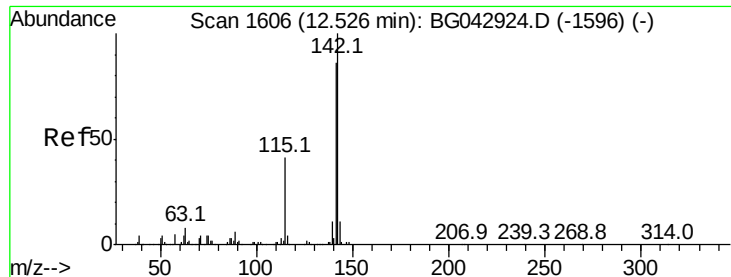
Tot Ion:113 Resp: 25499
 Ion Ratio Lower Upper
 113 100
 55 155.0 175.5 215.5#
 56 119.9 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 46.498 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion:107 Resp: 151604
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.7 31.1
 142 78.9 58.6 87.8

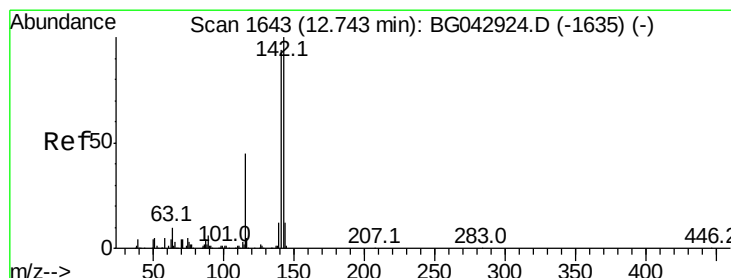
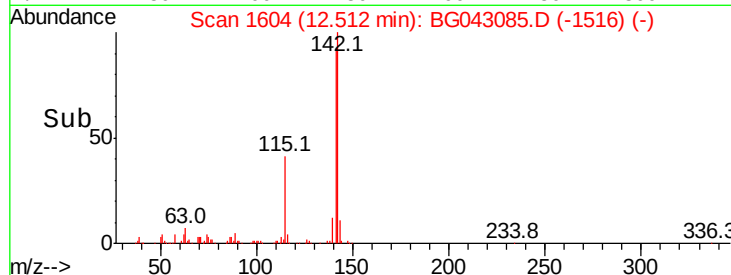
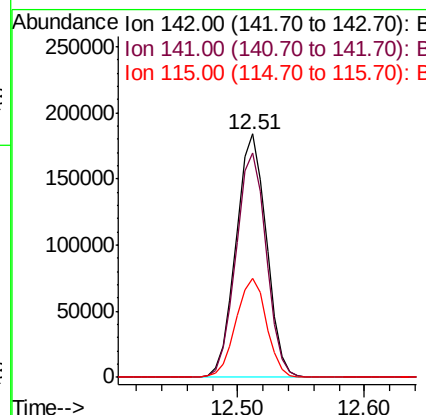
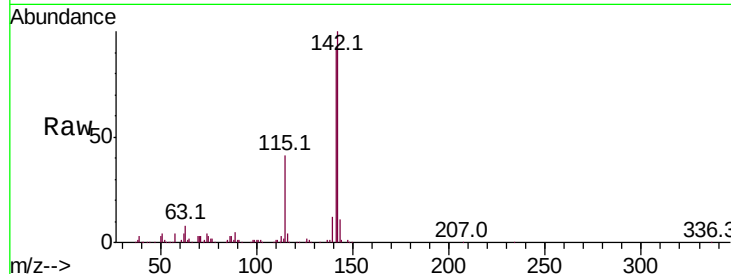




#37
 2-Methylnaphthalene
 Concen: 43.331 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

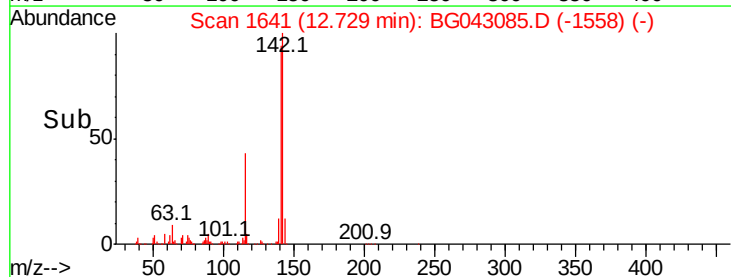
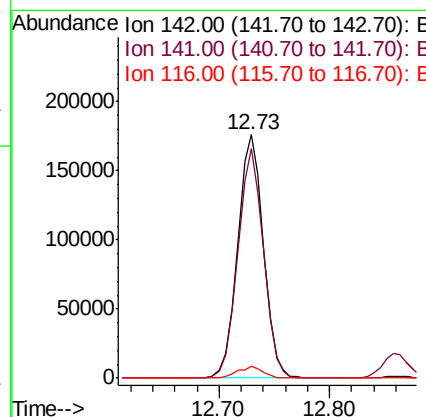
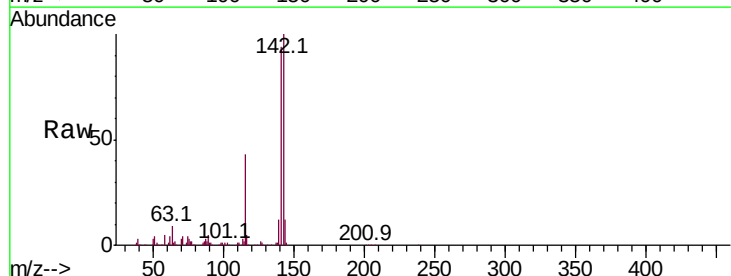
Instrument :
 BNA_G
 ClientSampled :

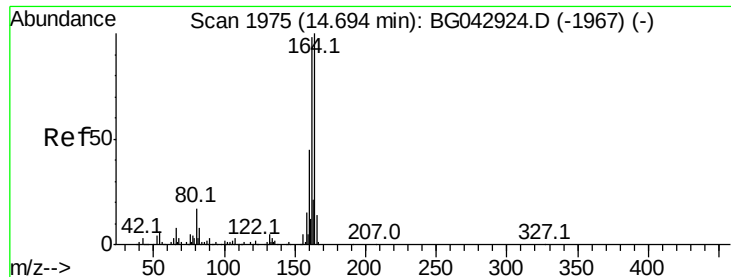
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	69.0	103.4
115	40.8	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 42.987 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.9	112.3
116	4.7	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

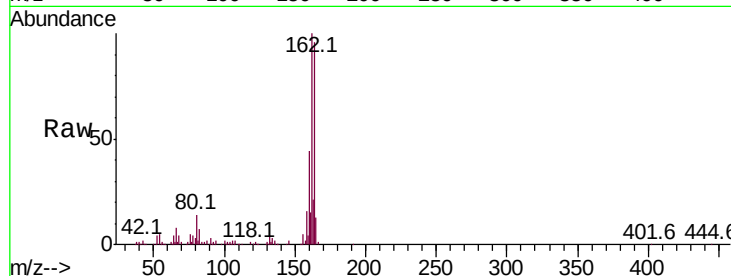
Tot Ion:164 Resp: 140311

Ion Ratio Lower Upper

164 100

162 103.7 78.5 117.7

160 45.6 35.9 53.9

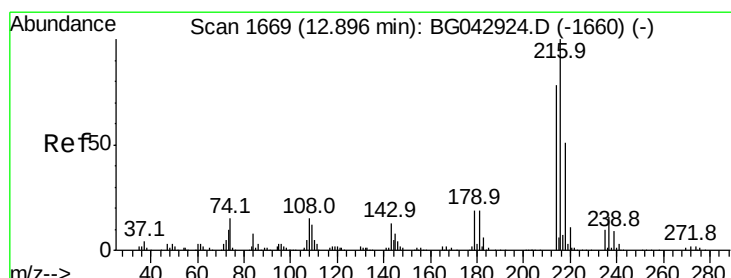
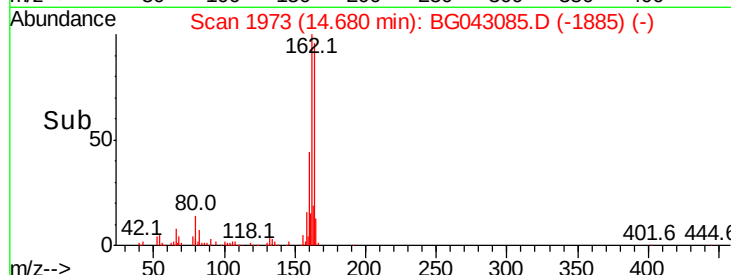
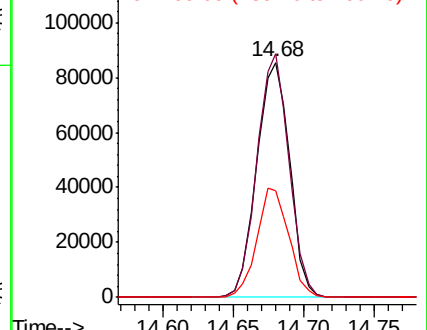


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.332 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Tgt Ion:216 Resp: 196950

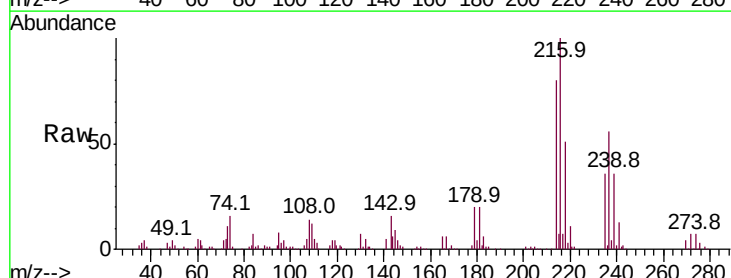
Ion Ratio Lower Upper

216 100

214 78.9 62.4 93.6

179 20.1 15.4 23.2

108 17.7 12.6 19.0



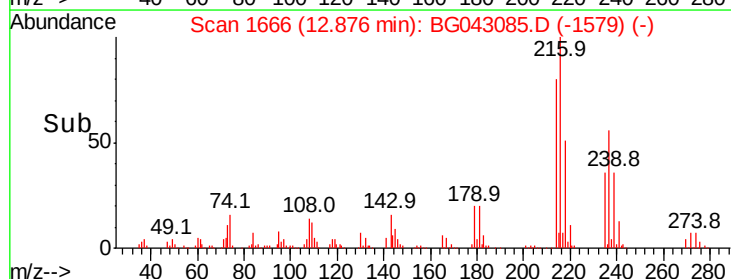
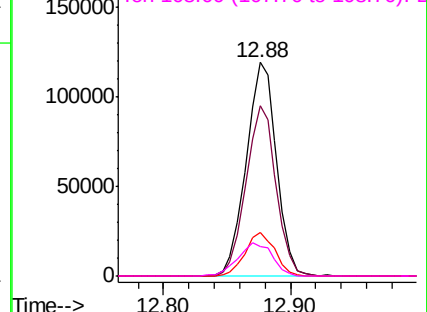
Abundance

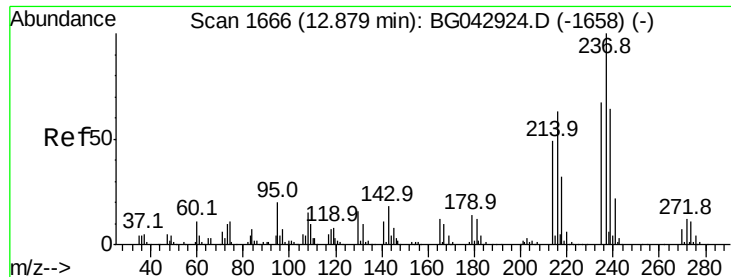
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.667 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG043085.D

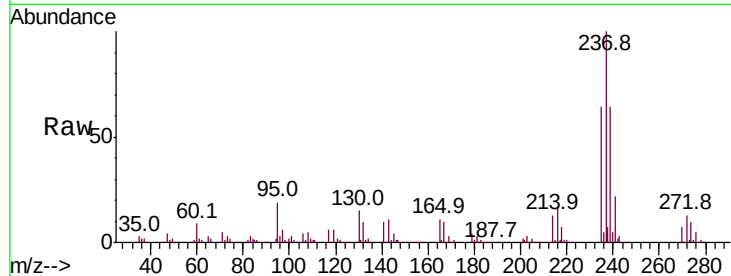
Acq: 8 Oct 2019 14:49

Instrument :

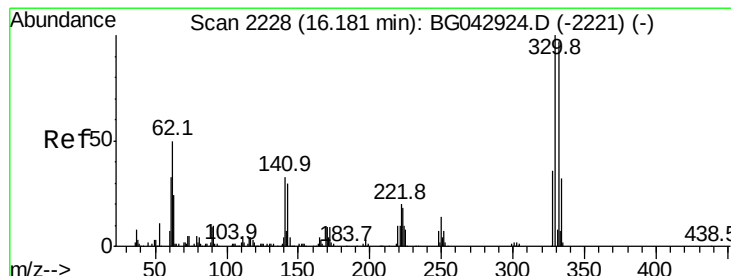
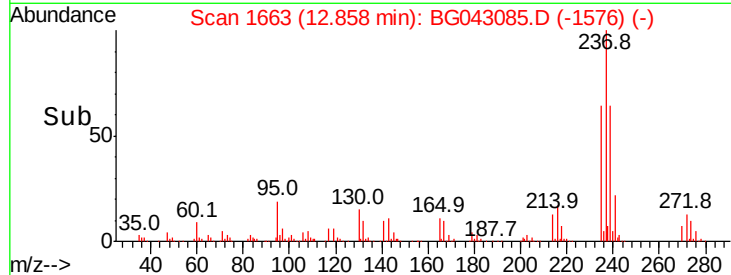
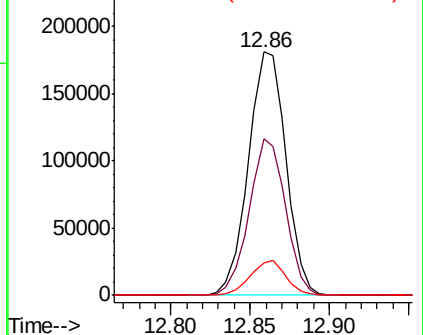
BNA_G

ClientSampled :

Tot Ion:	237	Resp:	298044
Ion Ratio	Lower	Upper	
237	100		
235	64.4	46.7	86.7
272	13.5	0.0	32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.711 ng

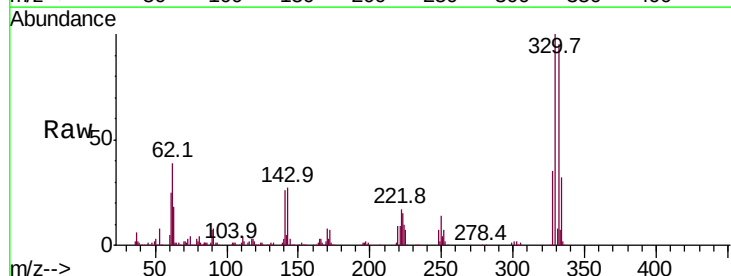
RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

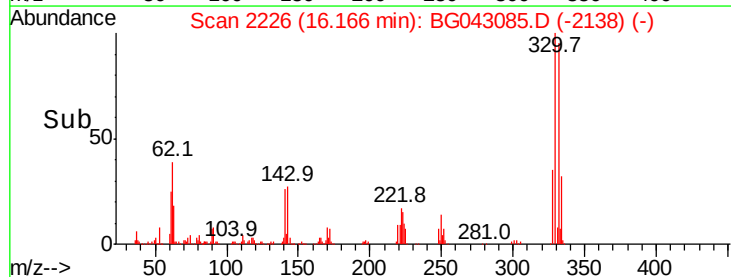
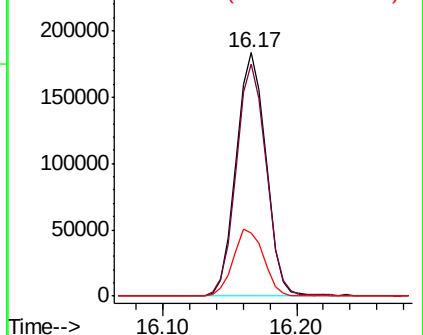
Lab File: BG043085.D

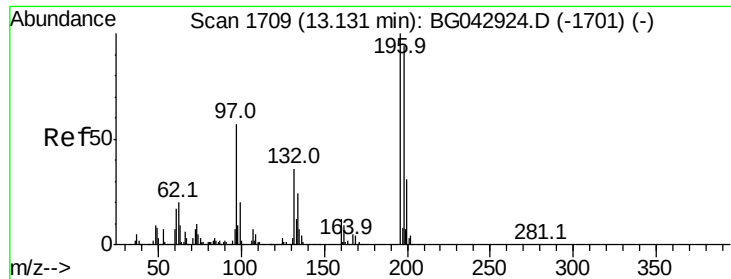
Acq: 8 Oct 2019 14:49

Tgt Ion:	330	Resp:	284005
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.2	117.2
141	28.4	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: 42.190 ng

RT: 13.12 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampled :

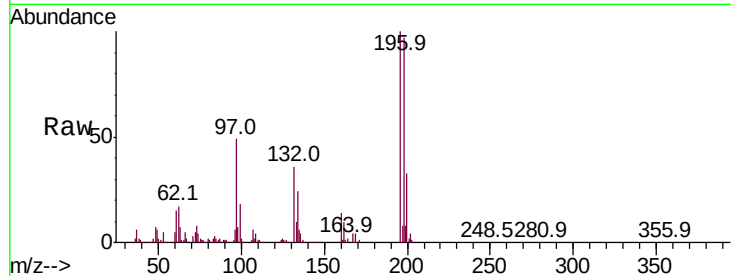
Tot Ion:196 Resp: 130274

Ion Ratio Lower Upper

196 100

198 97.2 75.5 113.3

200 33.1 24.9 37.3

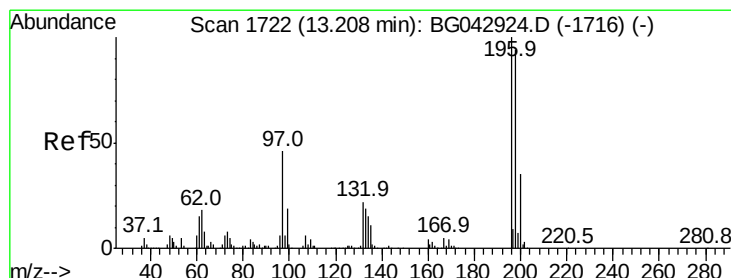
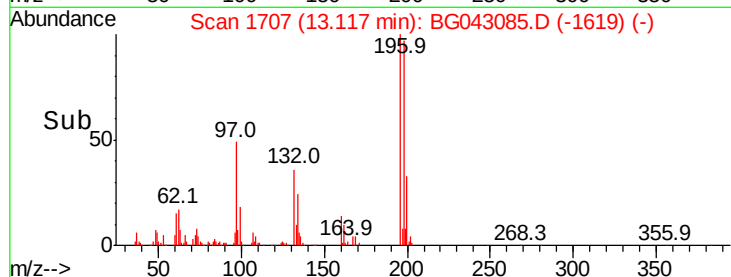
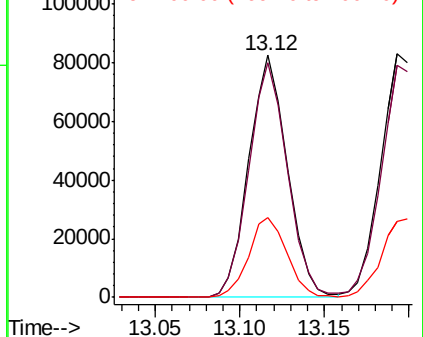


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 45.242 ng

RT: 13.19 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Tgt Ion:196 Resp: 143911

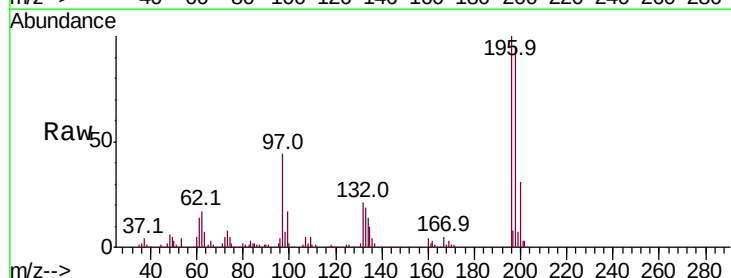
Ion Ratio Lower Upper

196 100

198 95.5 75.1 112.7

97 43.8 37.0 55.4

132 21.0 17.5 26.3



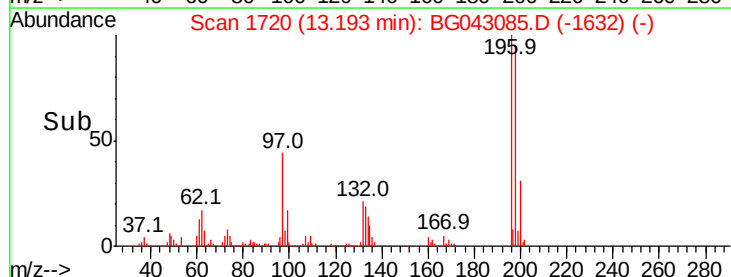
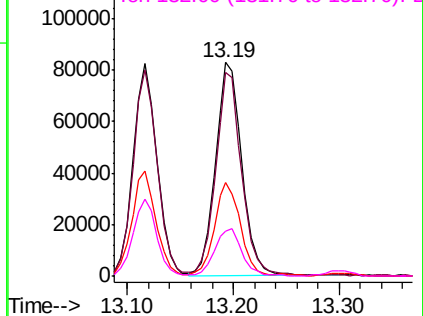
Abundance

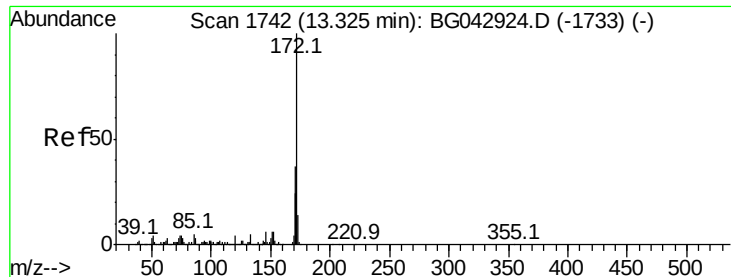
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 62.618 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

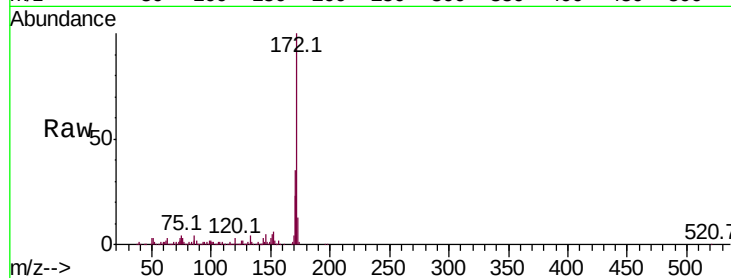
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 606058

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	22.7	19.6	29.4

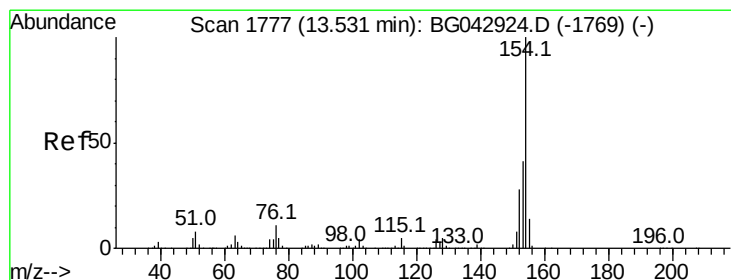
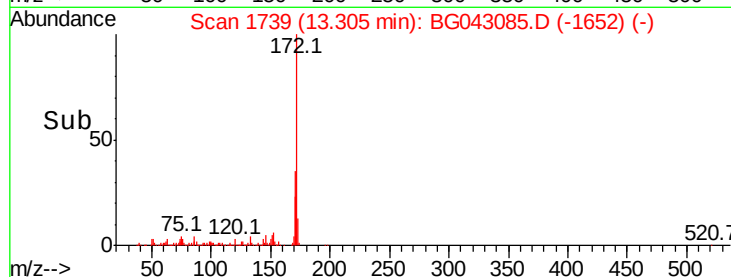
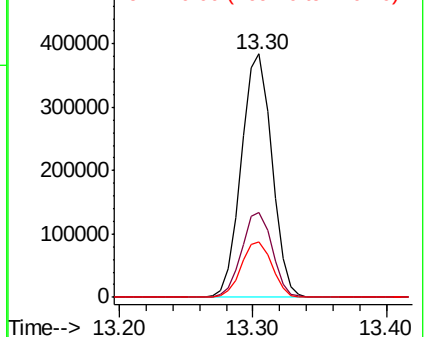


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.467 ng

RT: 13.52 min Scan# 1775

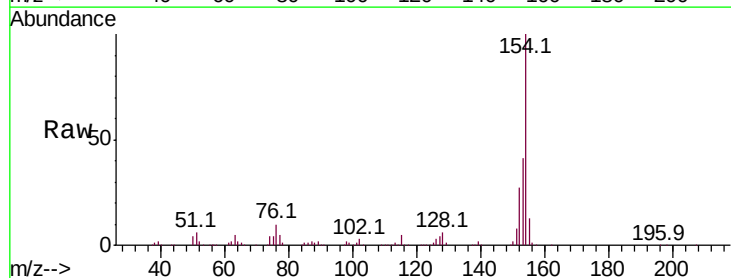
Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Tgt Ion:154 Resp: 409302

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.4	61.4
76	9.9	0.0	31.3

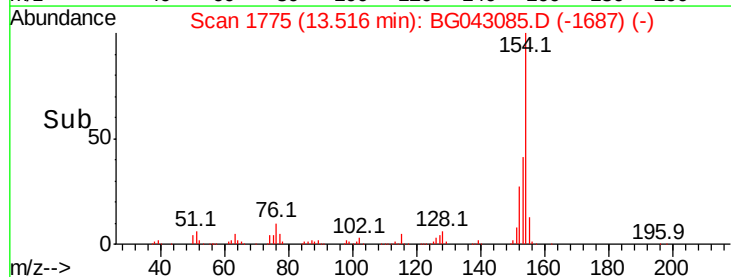
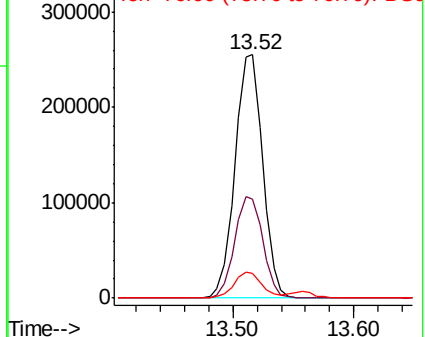


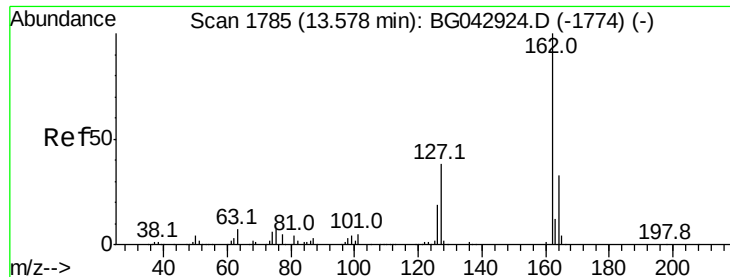
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

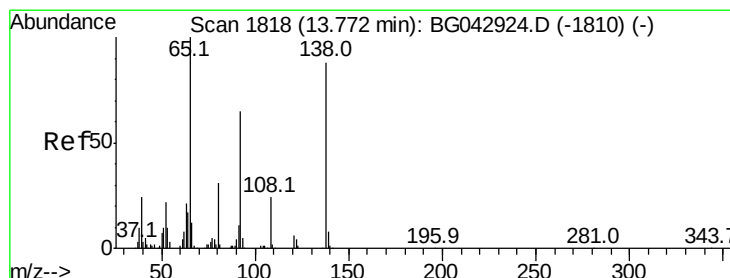
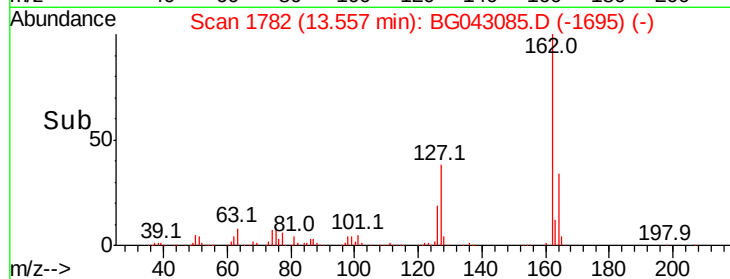
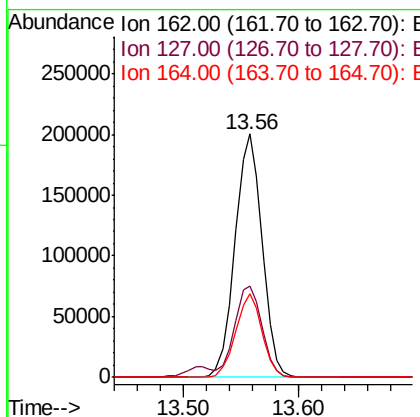
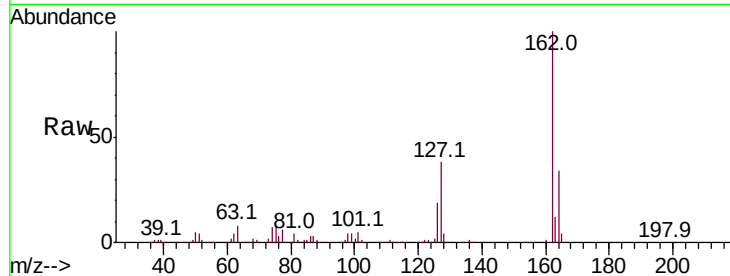




#47
 2-Chloronaphthalene
 Concen: 40.599 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

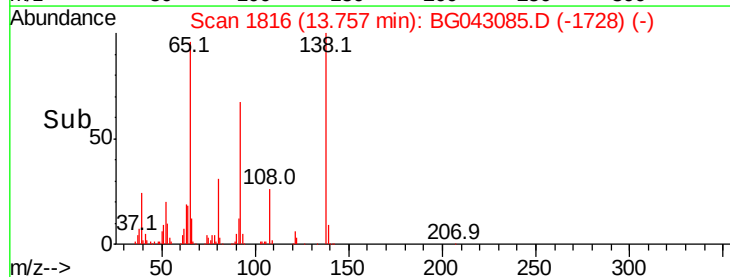
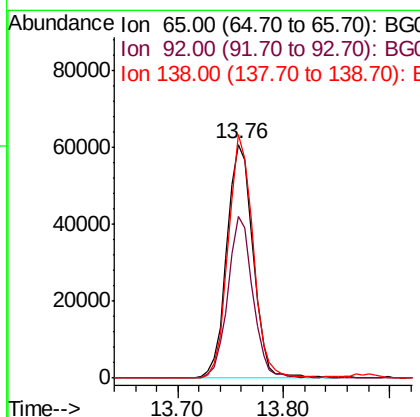
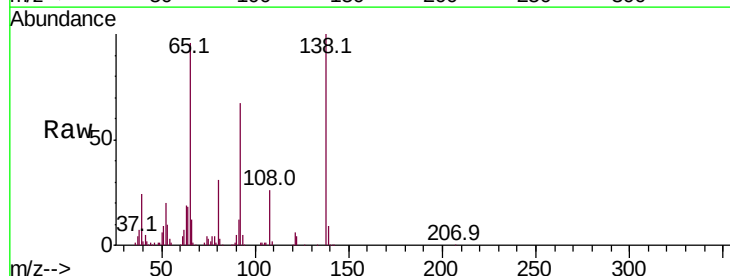
Instrument :
 BNA_G
 ClientSampled :

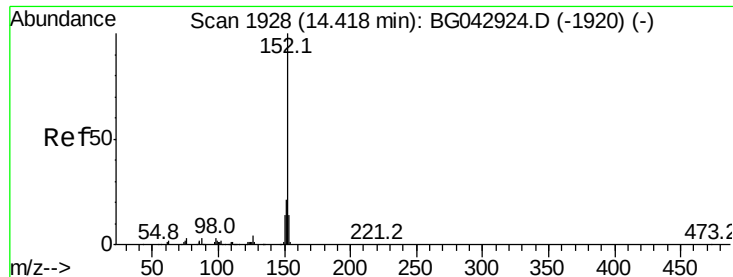
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.6
164	34.3	26.2	39.2



#48
 2-Nitroaniline
 Concen: 39.251 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	52.0	78.0
138	104.2	70.4	105.6





#49

Acenaphthylene

Concen: 42.542 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

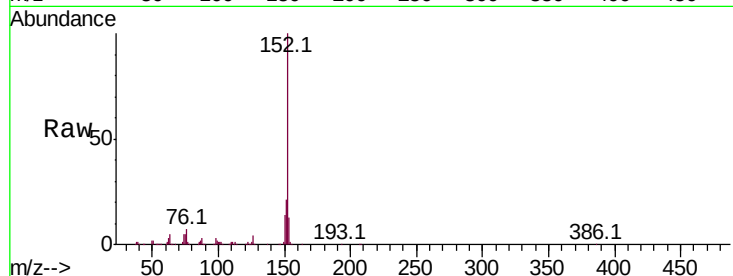
Tot Ion:152 Resp: 519315

Ion Ratio Lower Upper

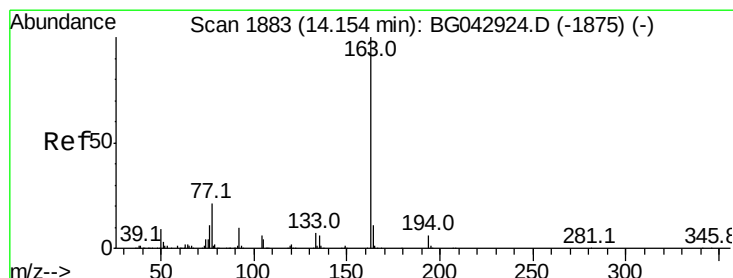
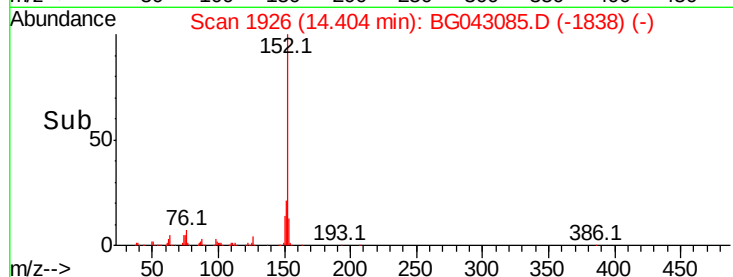
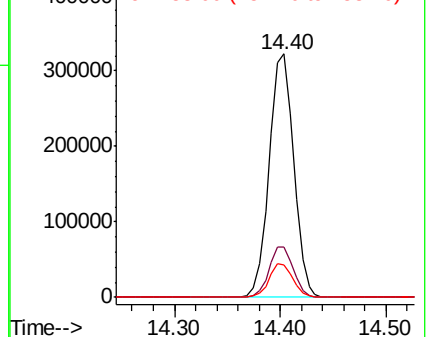
152 100

151 20.5 16.8 25.2

153 13.3 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: 40.601 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

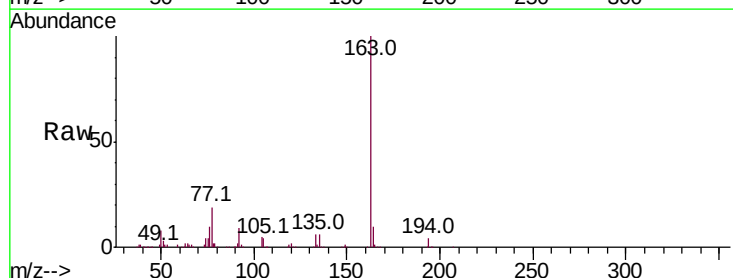
Tgt Ion:163 Resp: 426838

Ion Ratio Lower Upper

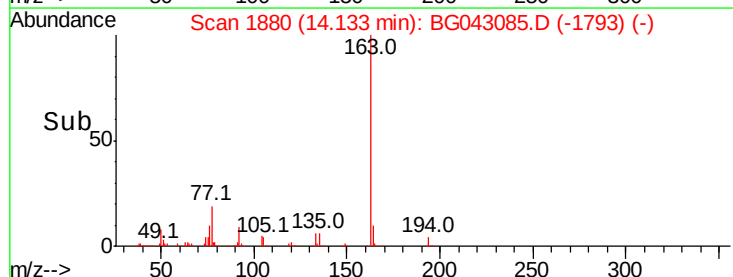
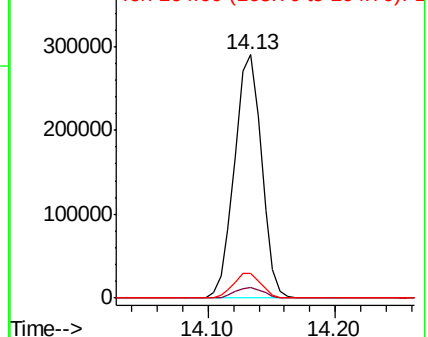
163 100

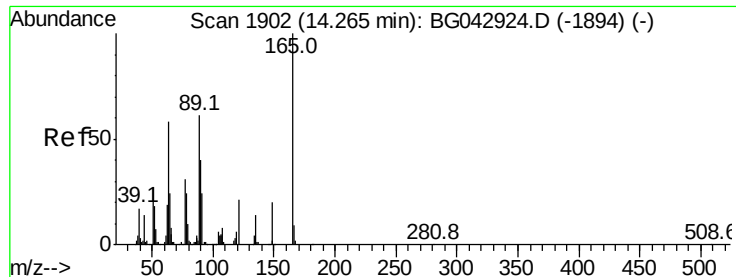
194 4.4 4.4 6.6#

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

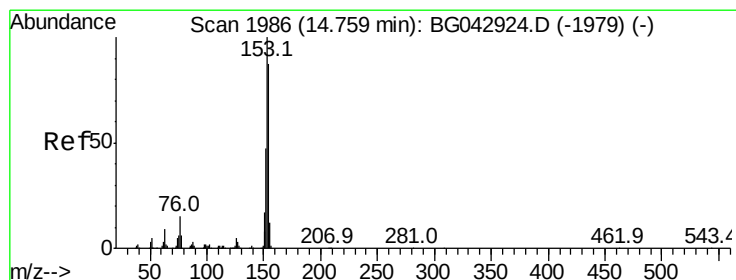
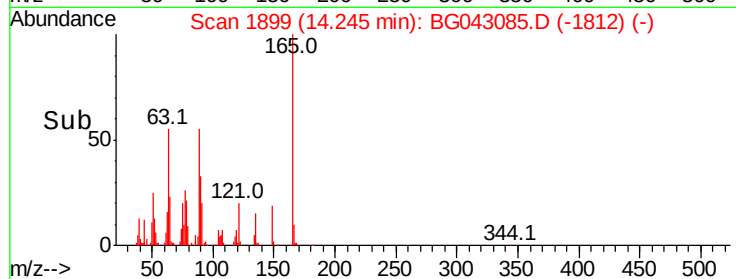
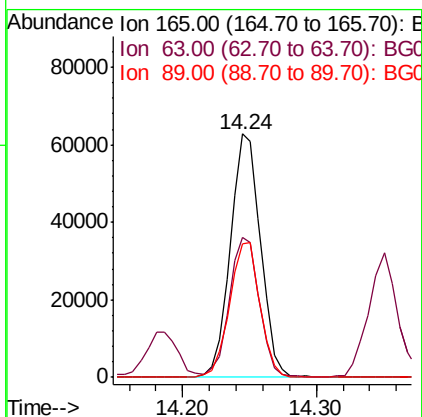
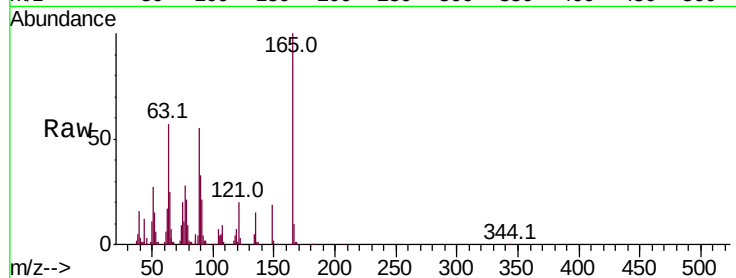




#51
2,6-Dinitrotoluene
Concen: 43.988 ng
RT: 14.24 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

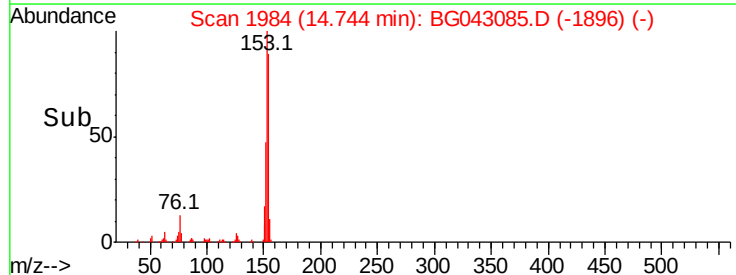
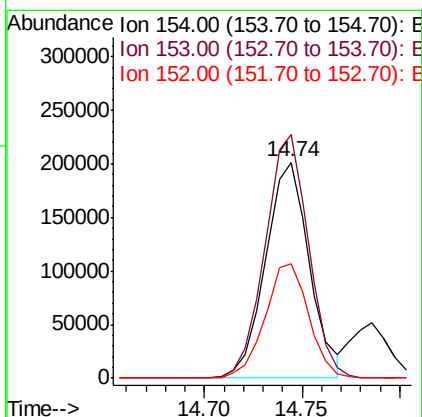
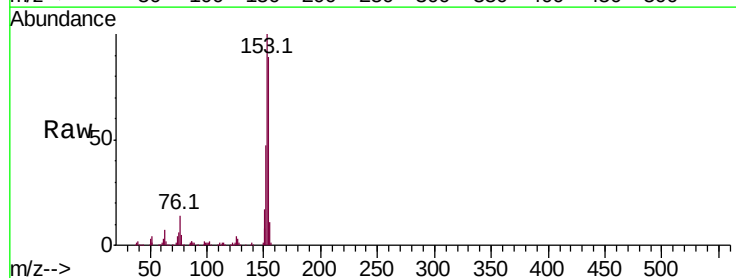
Instrument :
BNA_G
ClientSampleId :

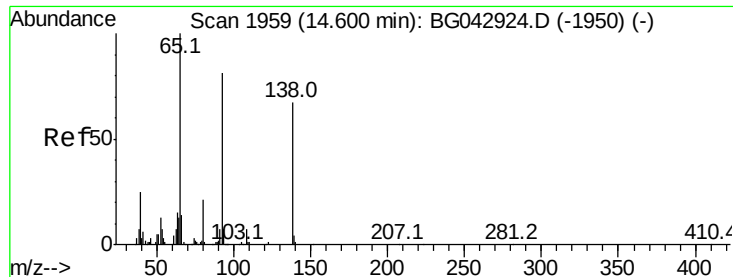
Tot Ion:165 Resp: 98480
Ion Ratio Lower Upper
165 100
63 57.3 50.3 75.5
89 55.1 48.9 73.3



#52
Acenaphthene
Concen: 38.310 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion:154 Resp: 313018
Ion Ratio Lower Upper
154 100
153 112.8 91.4 137.0
152 52.8 42.8 64.2





#53

3-Nitroaniline

Concen: 26.672 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampled :

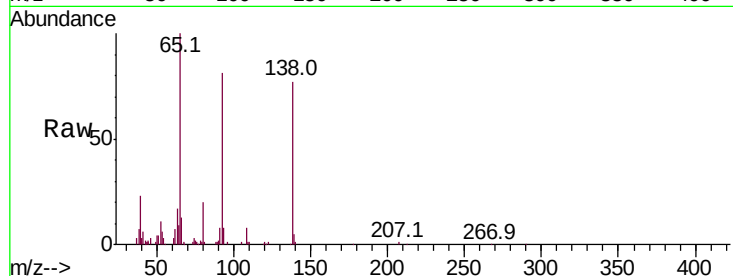
Tot Ion:138 Resp: 61710

Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

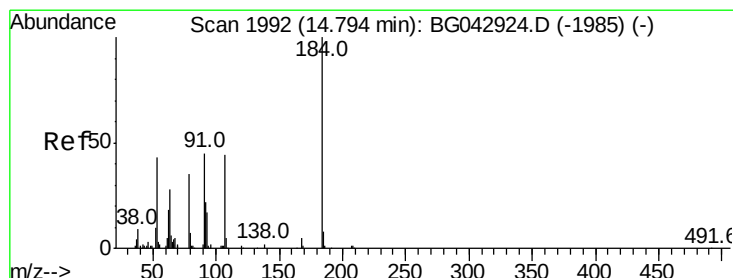
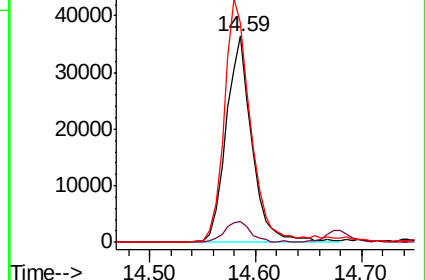
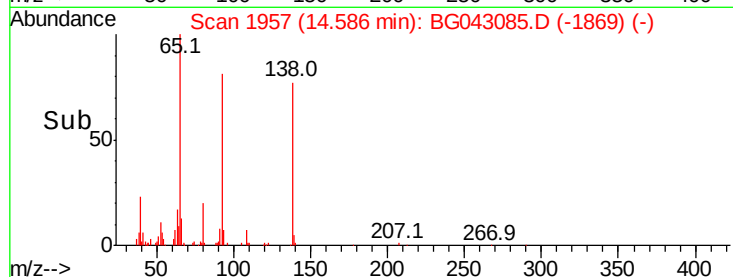
92 106.1 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 87.456 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

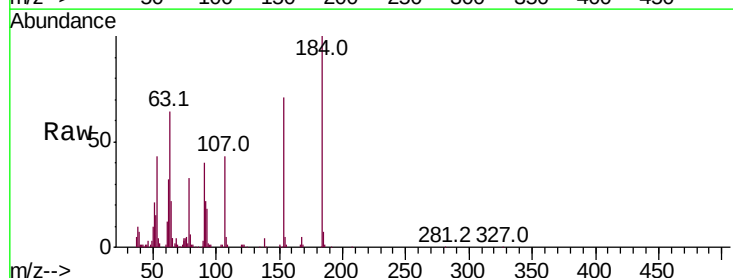
Tgt Ion:184 Resp: 121704

Ion Ratio Lower Upper

184 100

63 63.9 55.0 82.6

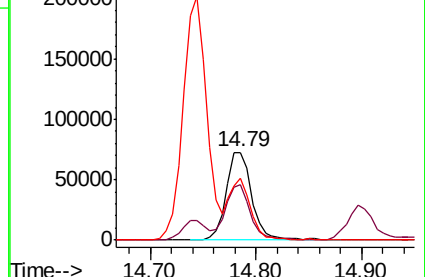
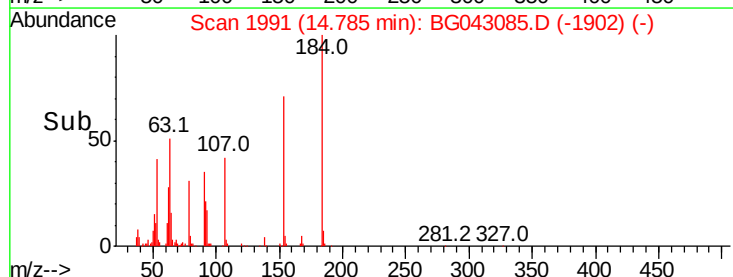
154 71.2 56.5 84.7

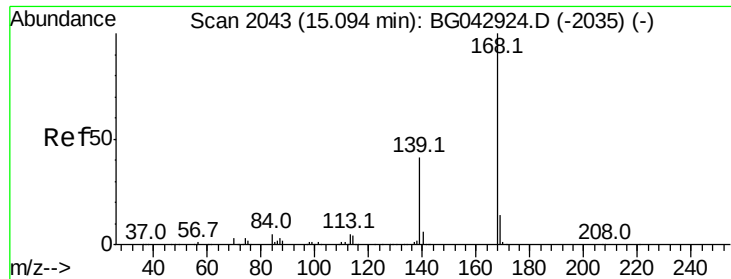


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

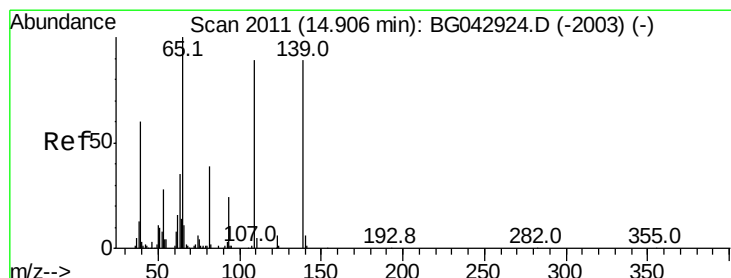
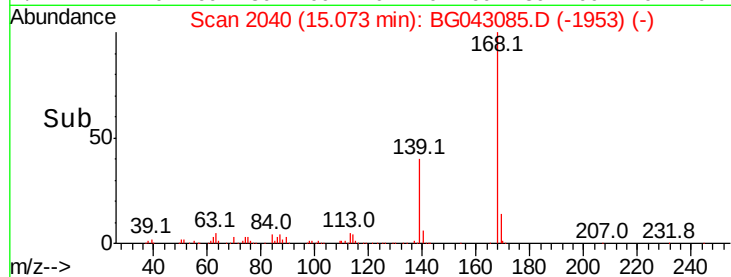
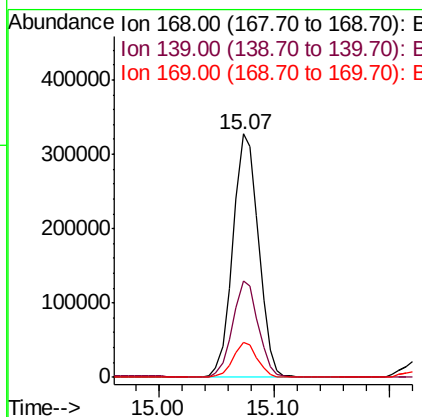
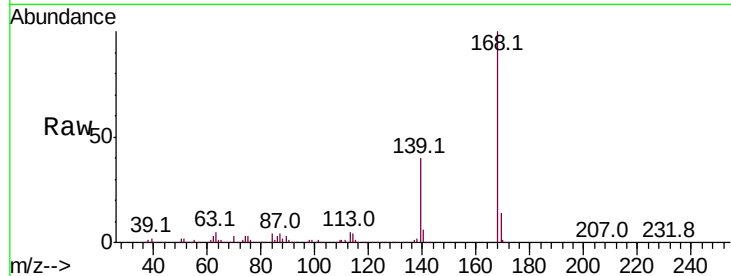




#55
Dibenzenofuran
Concen: 41.719 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

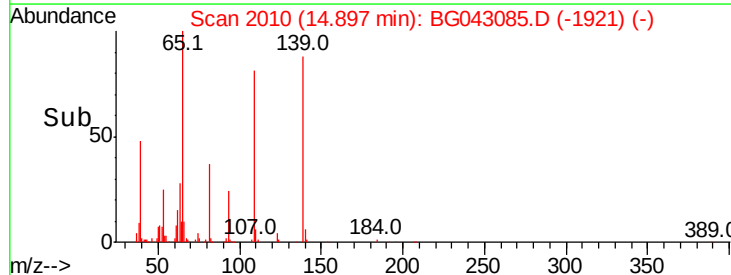
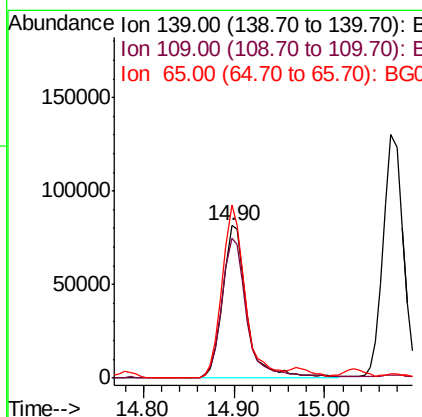
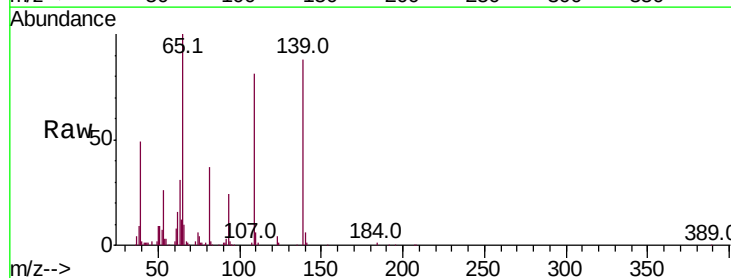
Instrument :
BNA_G
ClientSampled :

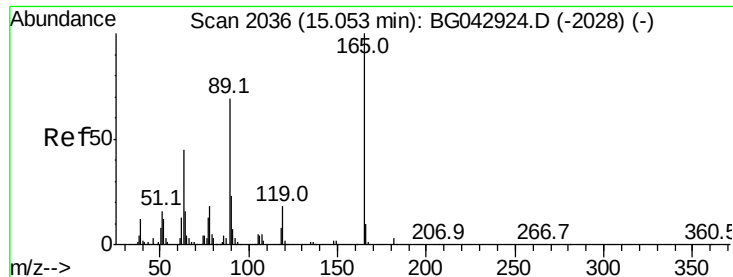
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.6	48.8
169	14.2	11.2	16.8



#56
4-Nitrophenol
Concen: 85.989 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.0	79.4	119.4
65	113.5	92.5	132.5

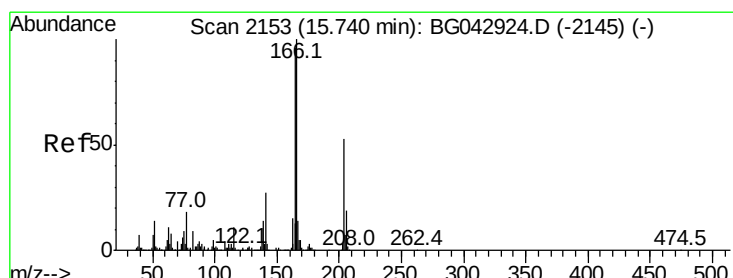
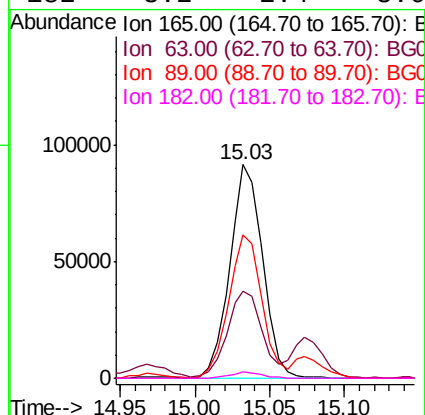
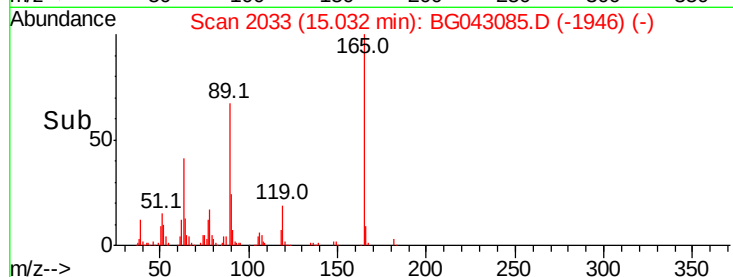
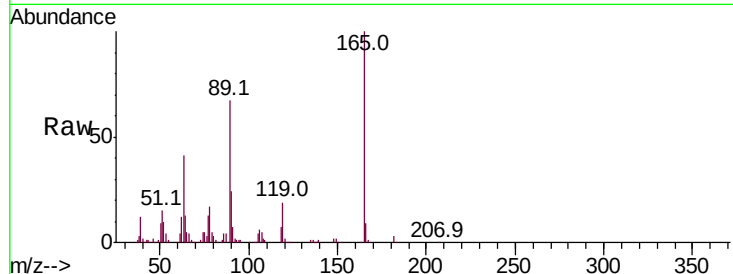




#57
2,4-Dinitrotoluene
Concen: 42.830 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

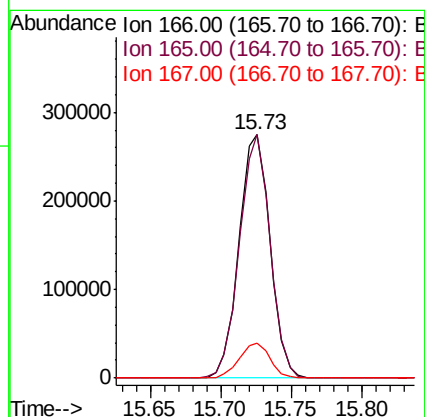
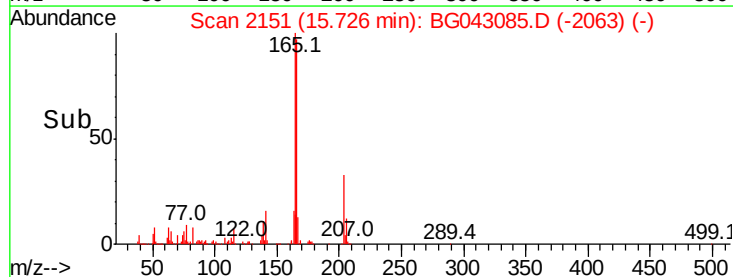
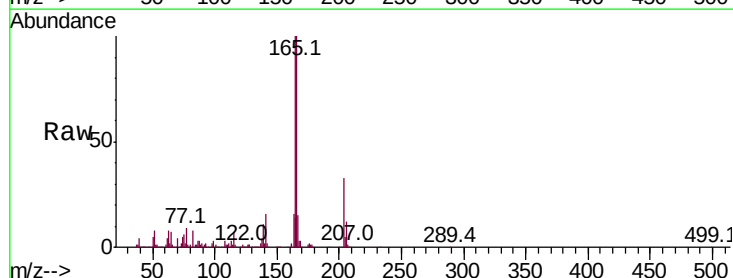
Instrument :
BNA_G
ClientSampled :

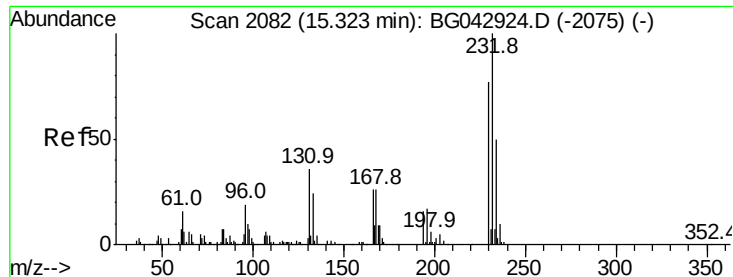
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	36.5	54.7
89	67.2	55.5	83.3
182	3.2	2.4	3.6



#58
Fluorene
Concen: 40.946 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.1	115.7
167	14.5	11.0	16.6

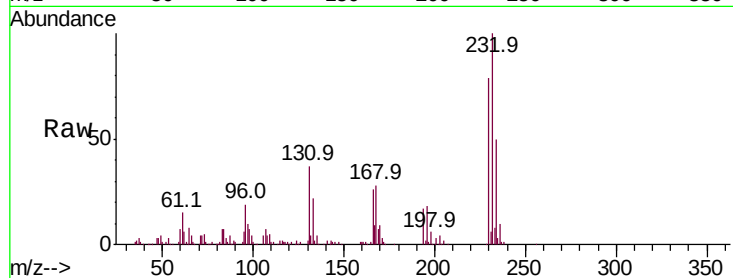




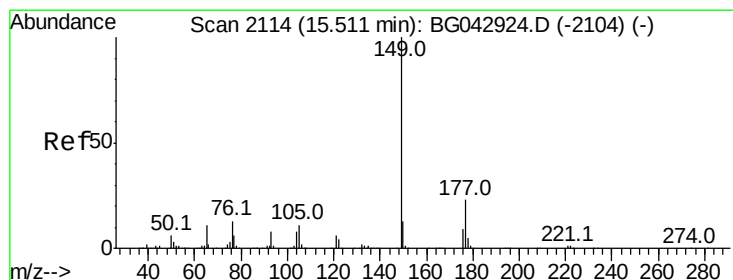
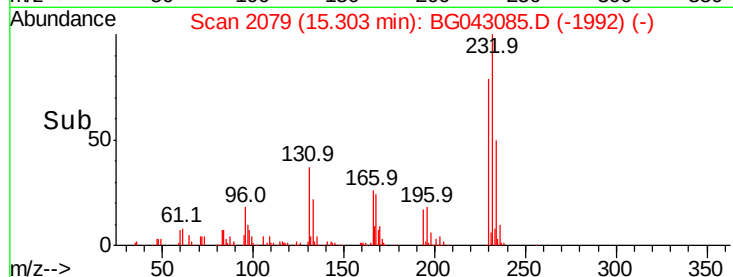
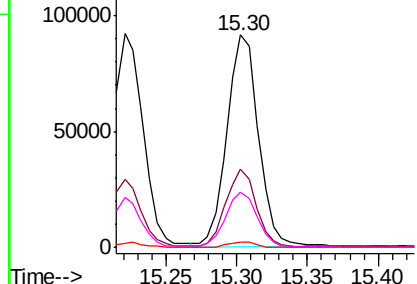
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.869 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	141805
Ion	Ratio	Lower	Upper
232	100		
131	35.4	29.6	44.4
130	2.2	1.9	2.9
166	25.6	21.8	32.8

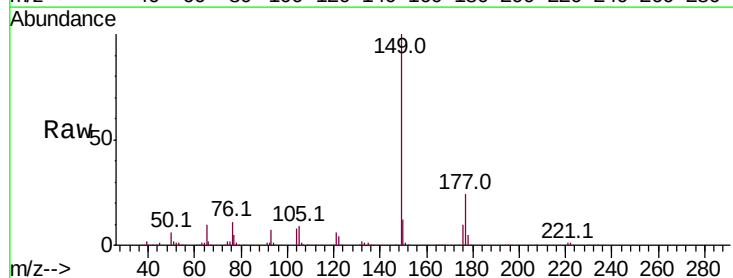


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

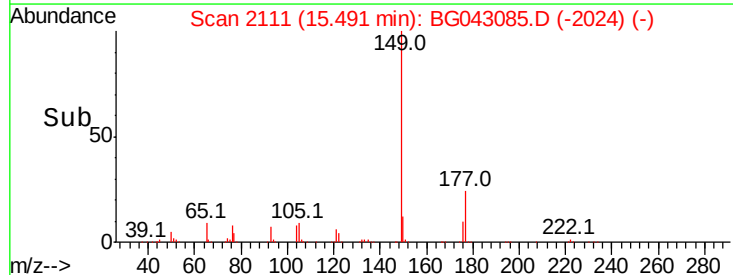
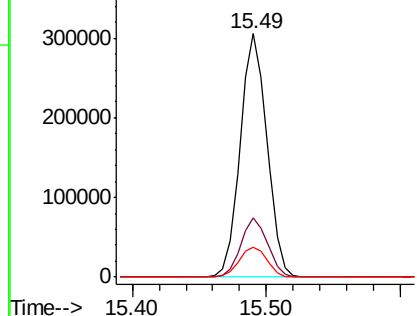


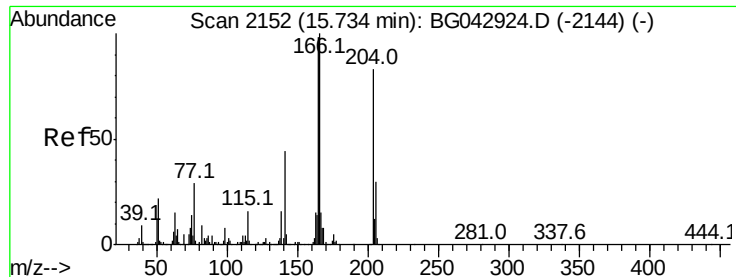
#60
 Diethylphthalate
 Concen: 39.485 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion:	149	Resp:	422454
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.8	28.2
150	12.5	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

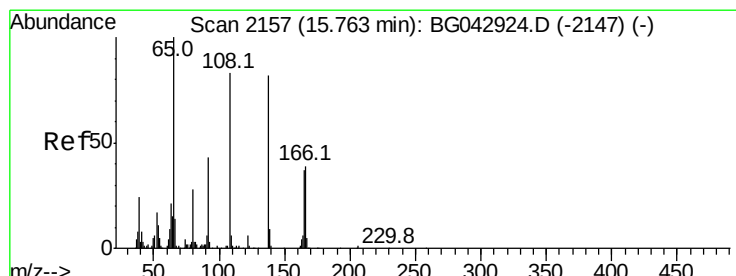
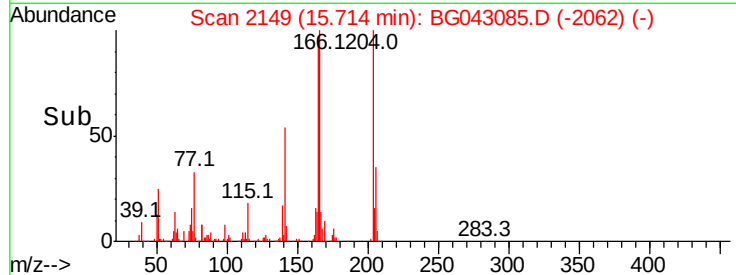
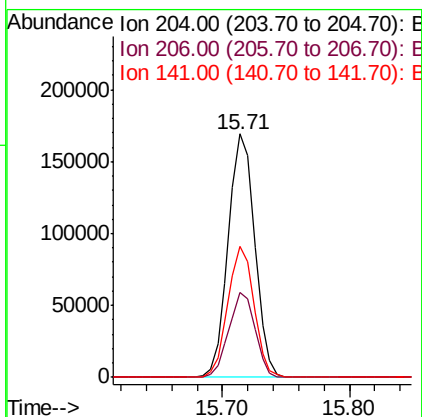
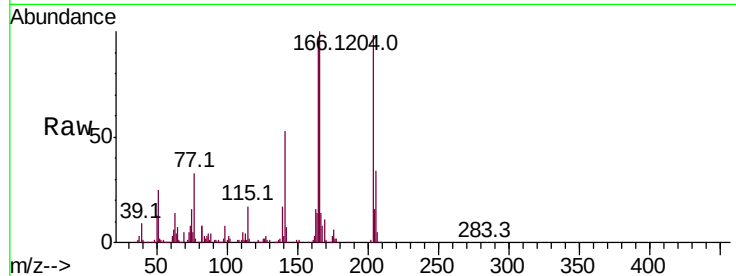




#61
 4-Chlorophenyl-phenylether
 Concen: 39.491 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

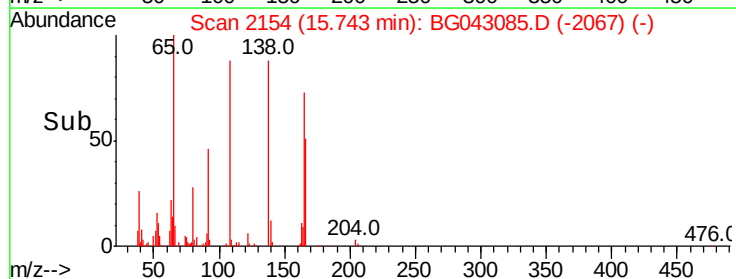
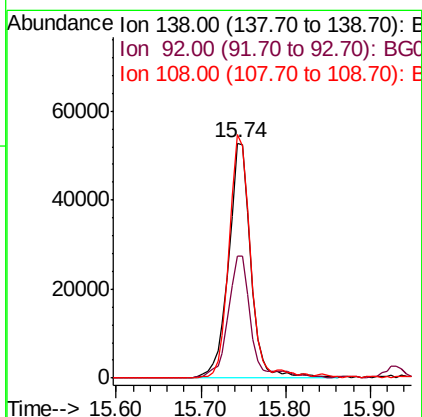
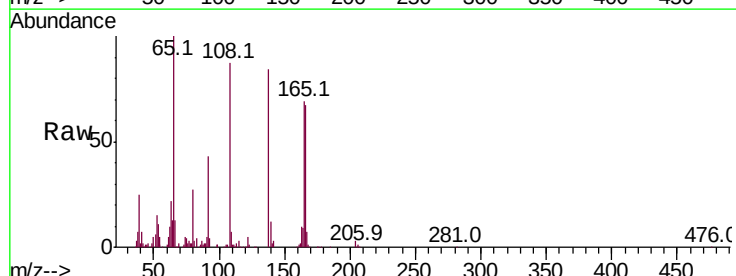
Instrument :
 BNA_G
 ClientSampled :

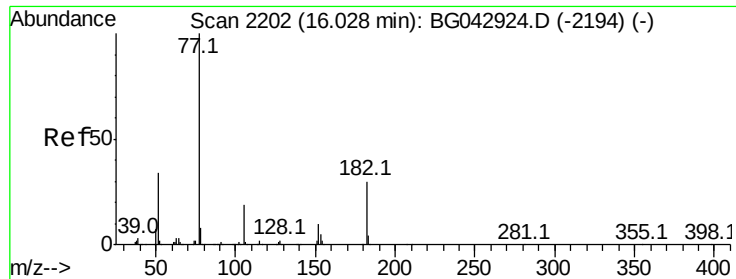
Tot Ion:	204	Resp:	244401
Ion Ratio	Lower	Upper	
204	100		
206	35.1	28.5	42.7
141	53.8	42.4	63.6



#62
 4-Nitroaniline
 Concen: 37.818 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion:	138	Resp:	95429
Ion Ratio	Lower	Upper	
138	100		
92	51.8	32.9	72.9
108	103.6	81.3	121.3





#63

Azobenzene

Concen: 38.543 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 375436

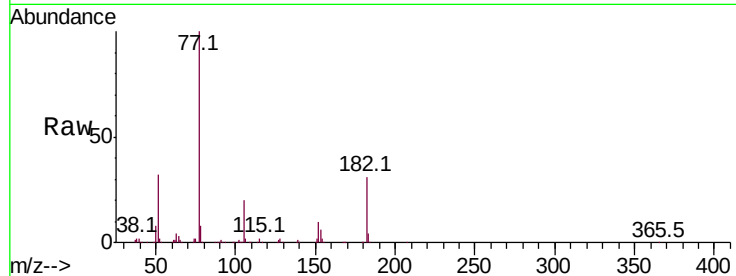
Ion Ratio Lower Upper

77 100

182 30.8 10.2 50.2

105 20.4 0.0 39.1

51 32.0 13.9 53.9

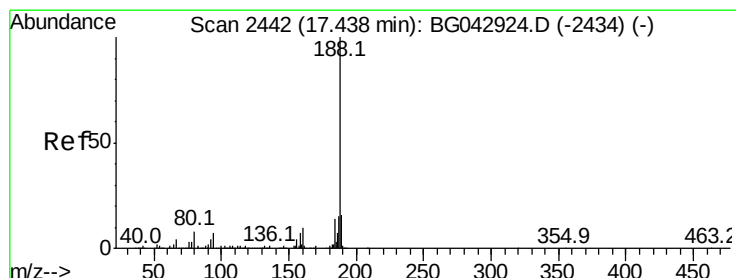
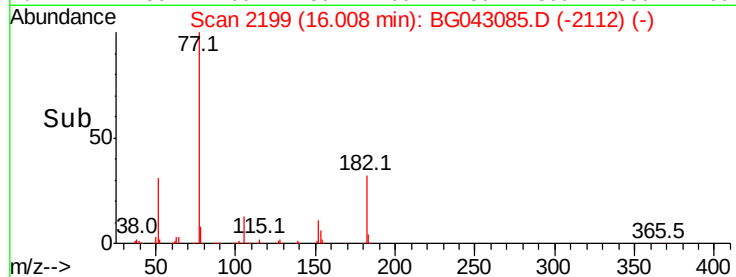
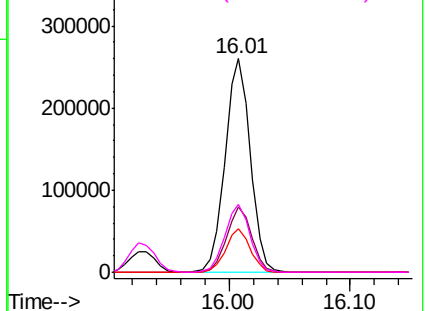


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2440

Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

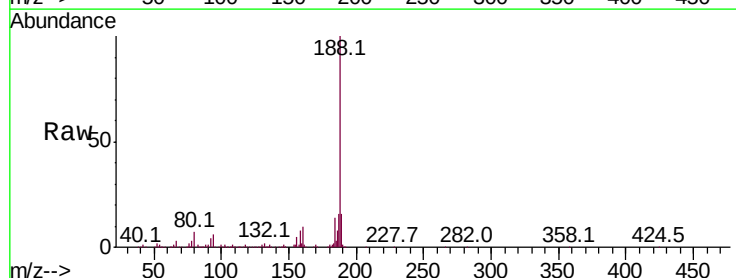
Tgt Ion: 188 Resp: 329257

Ion Ratio Lower Upper

188 100

94 6.2 5.7 8.5

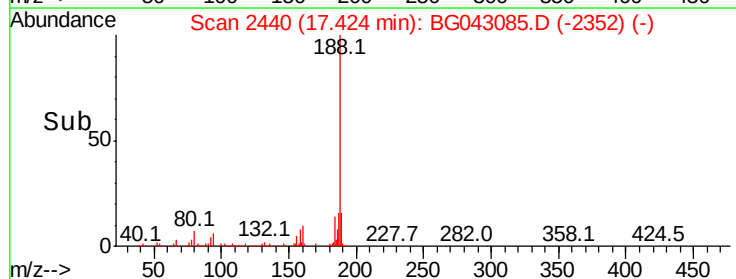
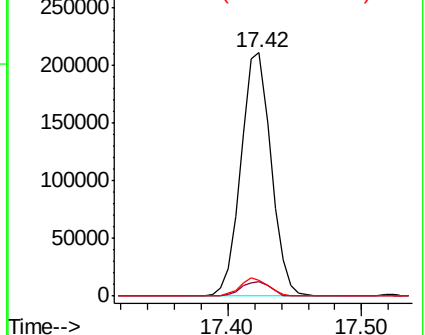
80 6.6 6.5 9.7

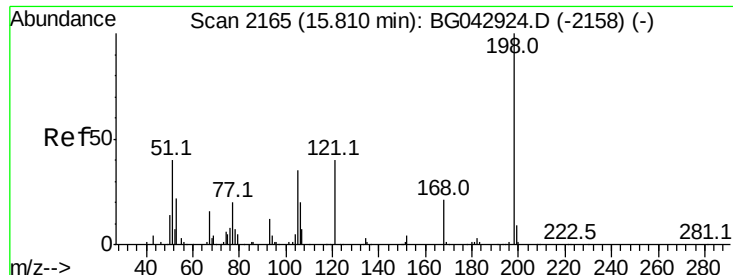


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

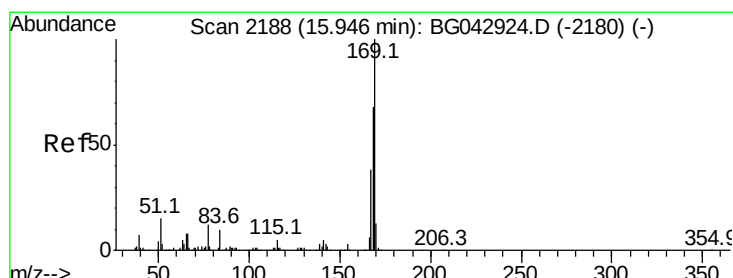
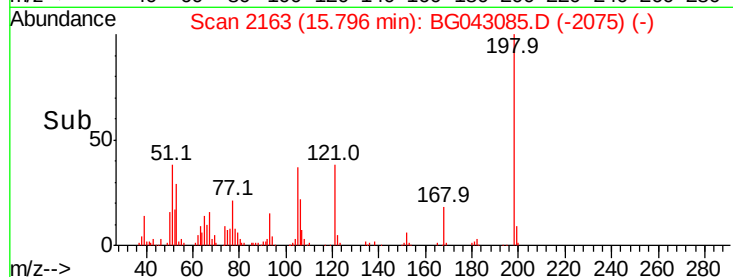
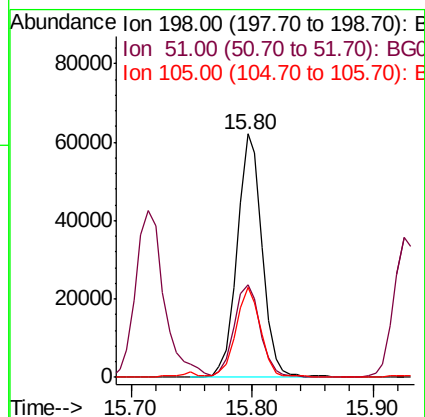
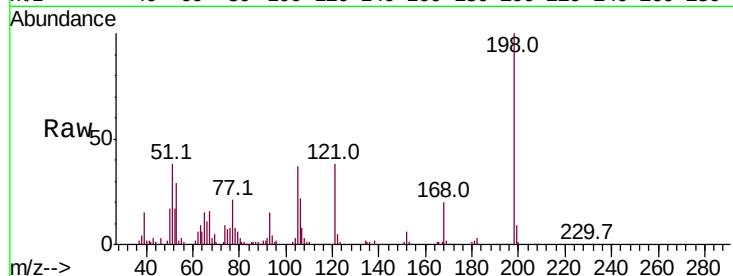




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.002 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

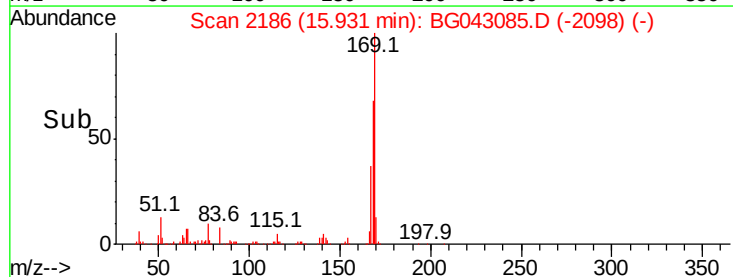
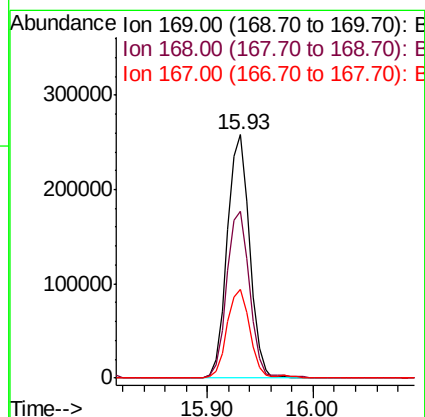
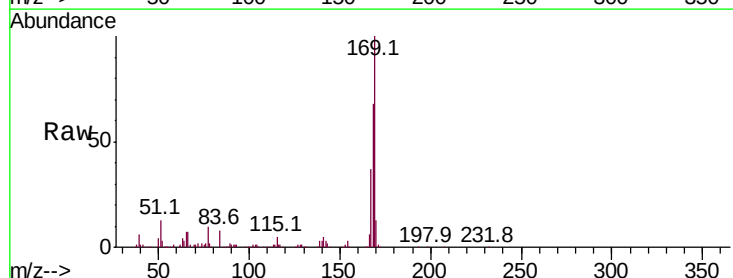
Instrument :
 BNA_G
 ClientSampled :

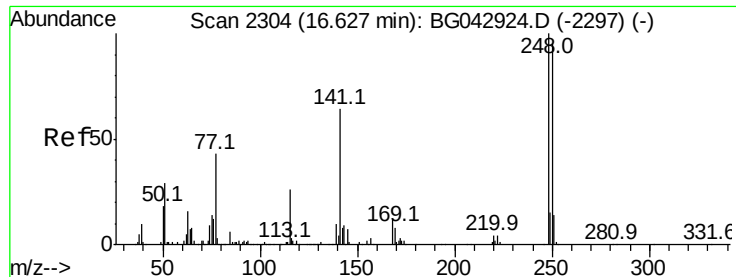
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.2	25.3	65.3
105	36.9	16.6	56.6



#66
 n-Nitrosodiphenylamine
 Concen: 43.358 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.8	82.2
167	36.6	30.6	46.0

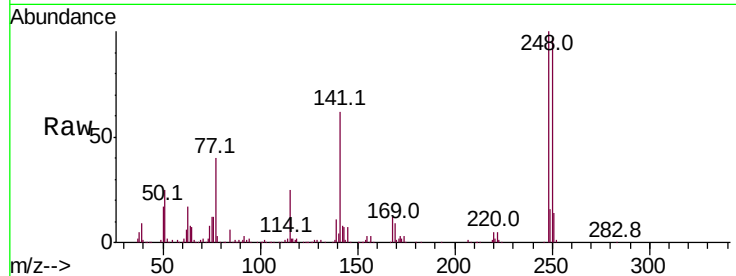




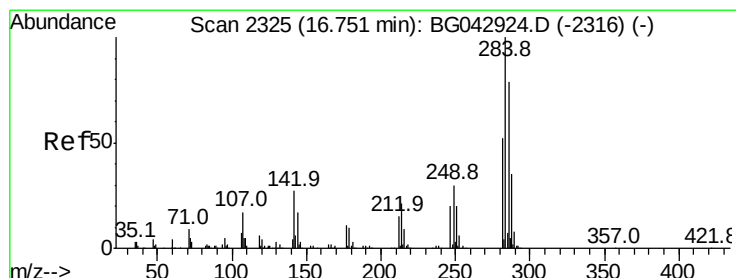
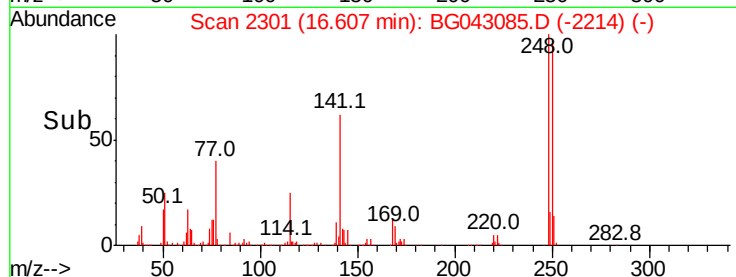
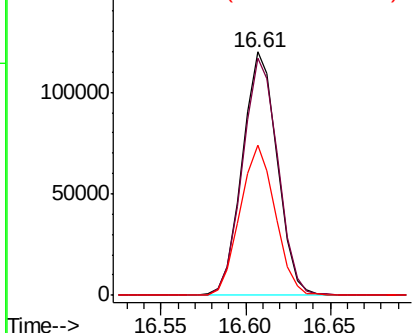
#67
4-Bromophenyl-phenylether
Concen: 41.722 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 172417
Ion Ratio Lower Upper
248 100
250 97.2 75.8 113.8
141 61.8 51.1 76.7

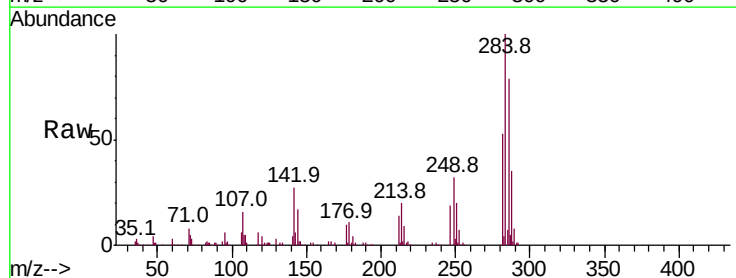


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

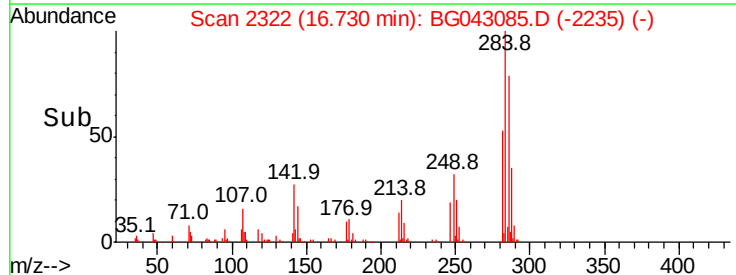
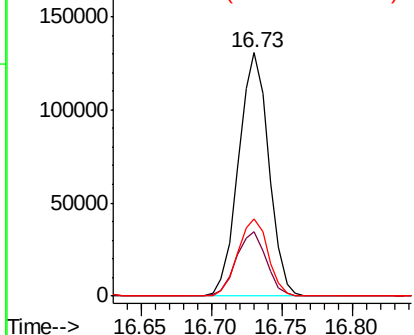


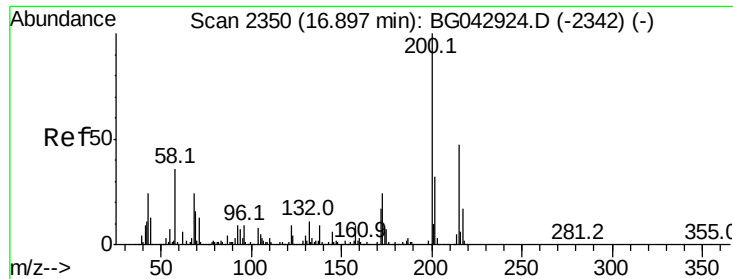
#68
Hexachlorobenzene
Concen: 42.495 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion:284 Resp: 195529
Ion Ratio Lower Upper
284 100
142 26.7 21.6 32.4
249 31.5 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

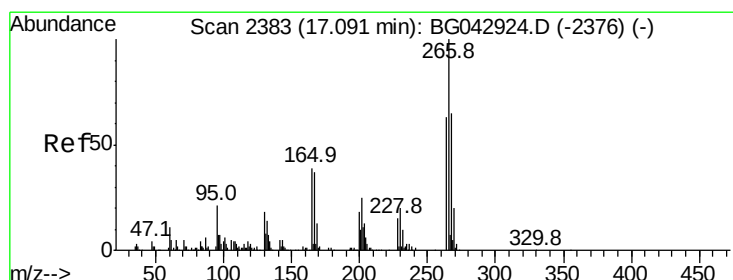
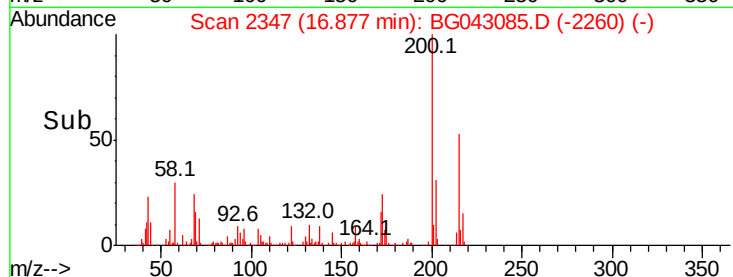
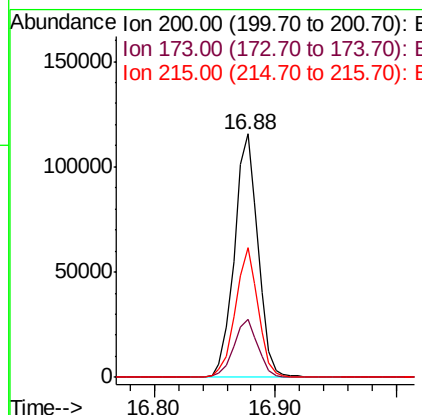
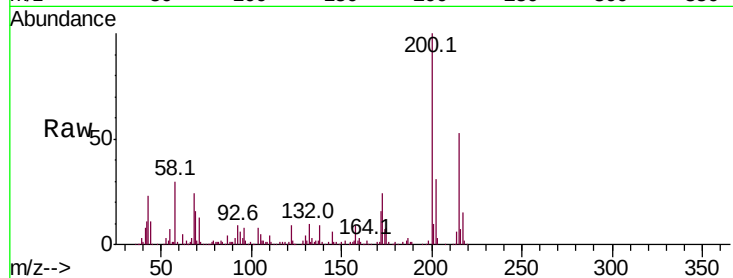




#69
 Atrazine
 Concen: 42.913 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

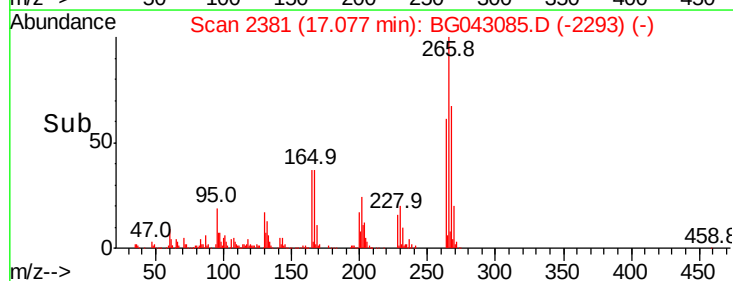
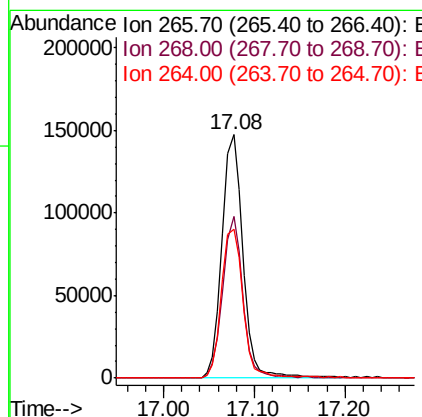
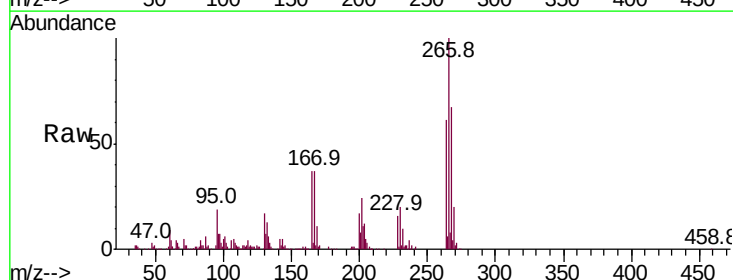
Instrument :
 BNA_G
 ClientSampleId :

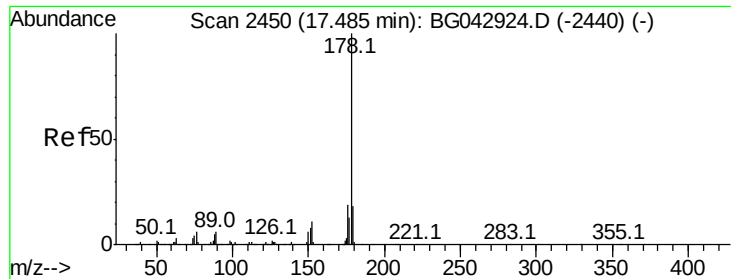
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	4.0	44.0
215	53.4	27.4	67.4



#70
 Pentachlorophenol
 Concen: 89.304 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	52.2	78.2
264	61.0	50.7	76.1





#71

Phenanthrene

Concen: 41.899 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

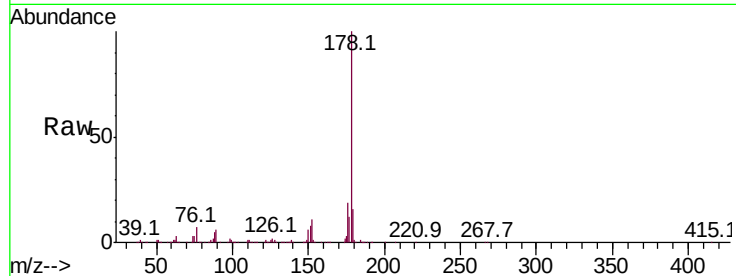
Tot Ion:178 Resp: 673505

Ion Ratio Lower Upper

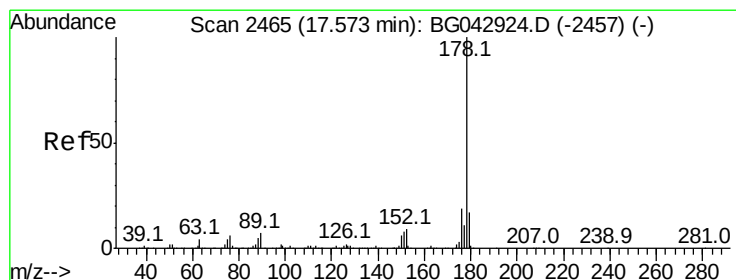
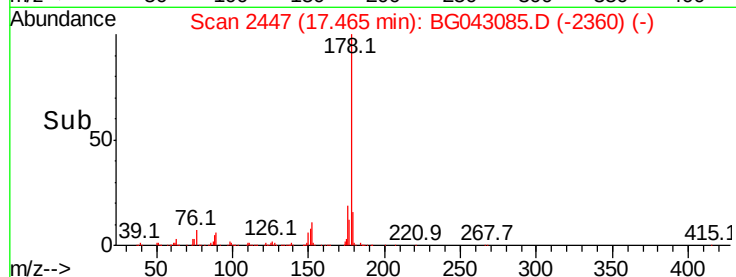
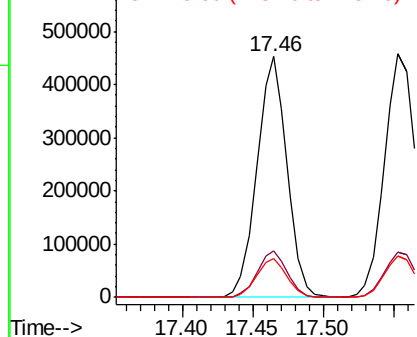
178 100

176 19.5 15.1 22.7

179 16.3 14.1 21.1



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



#72

Anthracene

Concen: 44.338 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

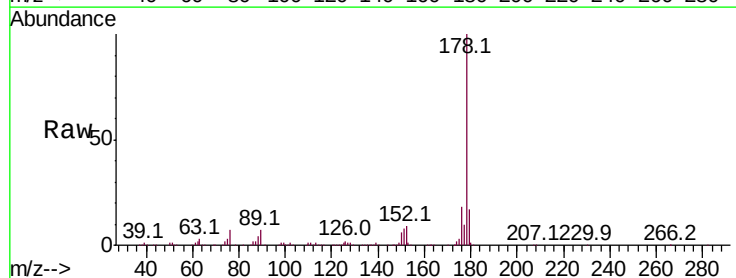
Tgt Ion:178 Resp: 711512

Ion Ratio Lower Upper

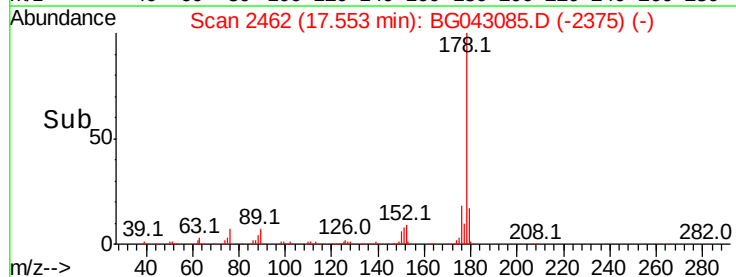
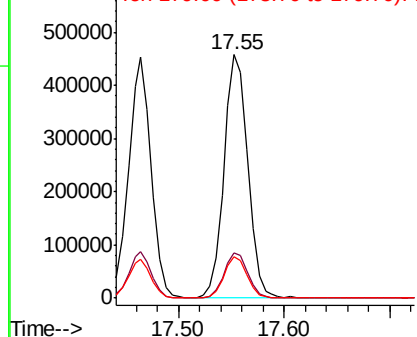
178 100

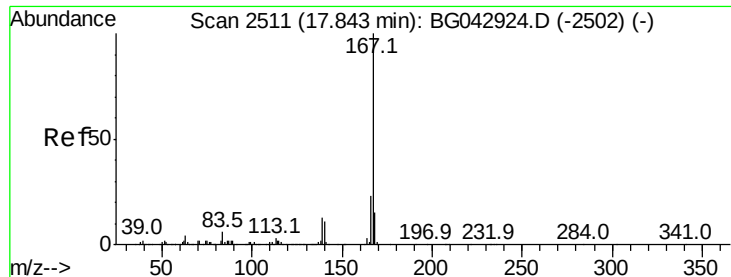
176 18.4 15.5 23.3

179 16.9 13.5 20.3



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

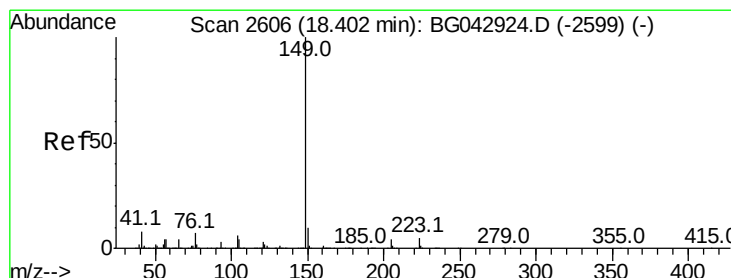
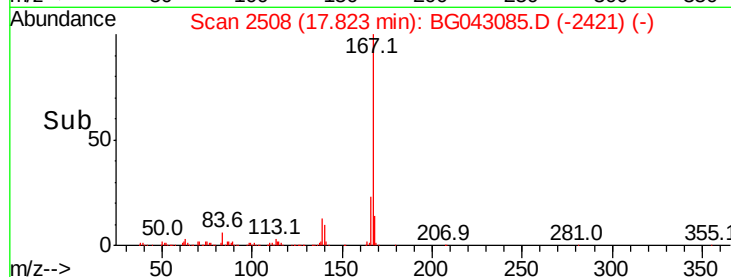
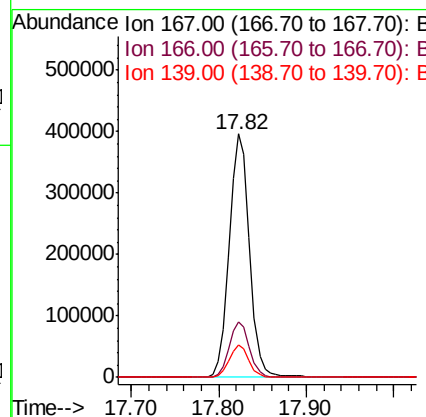
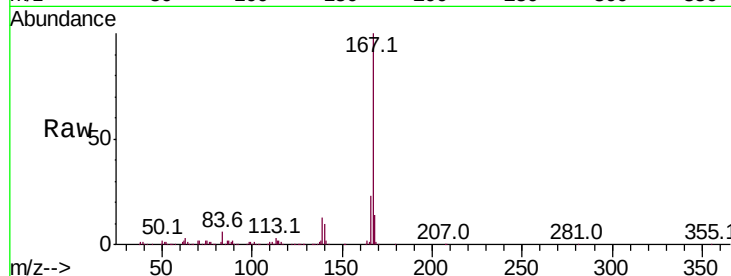




#73
 Carbazole
 Concen: 42.530 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

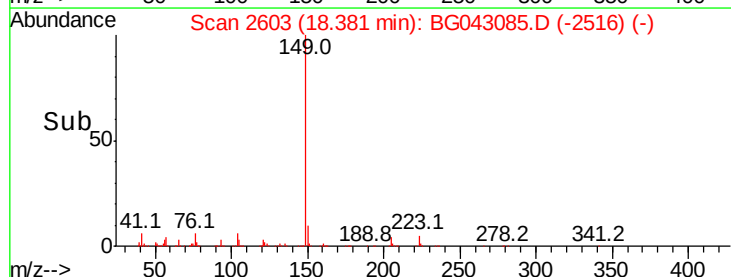
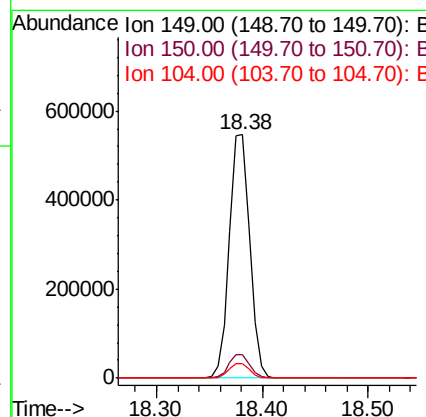
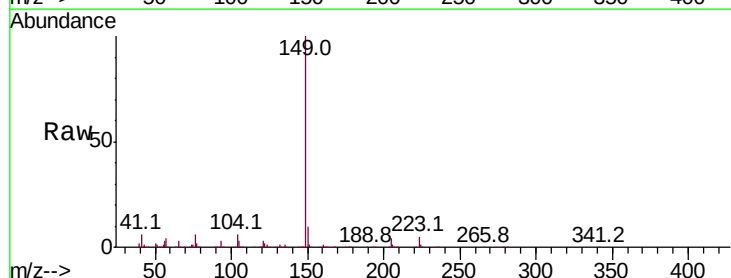
Instrument :
 BNA_G
 ClientSampleId :

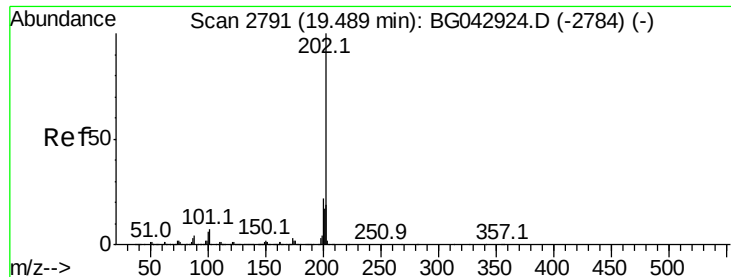
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.6	28.0
139	13.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.373 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.9	5.0	7.6





#75

Fluoranthene

Concen: 42.242 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

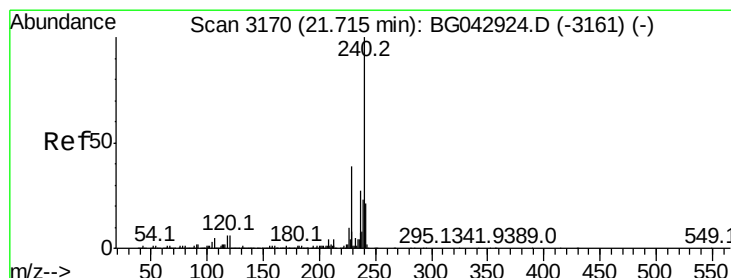
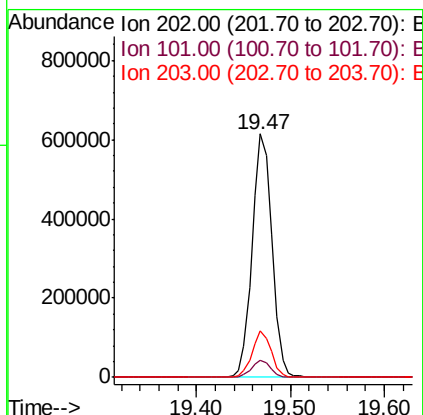
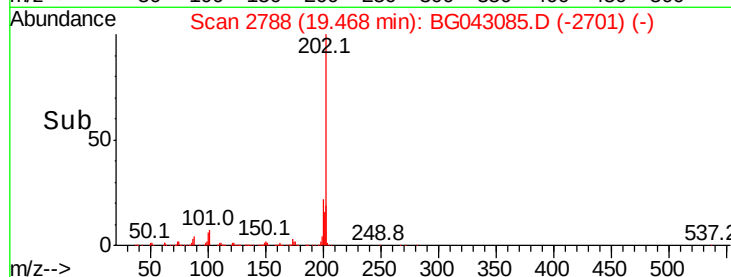
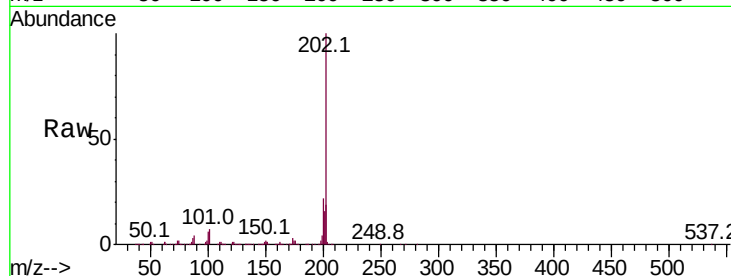
Tot Ion:202 Resp: 898114

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.3

203 19.1 0.0 39.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

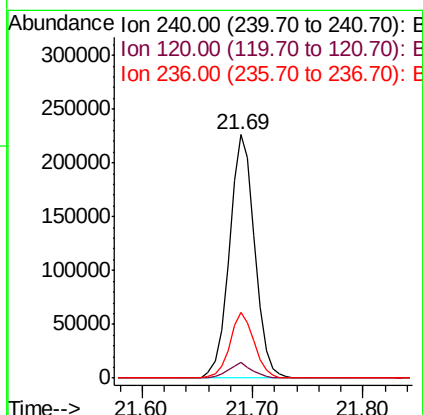
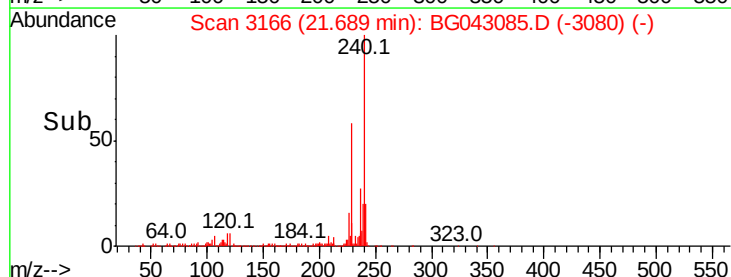
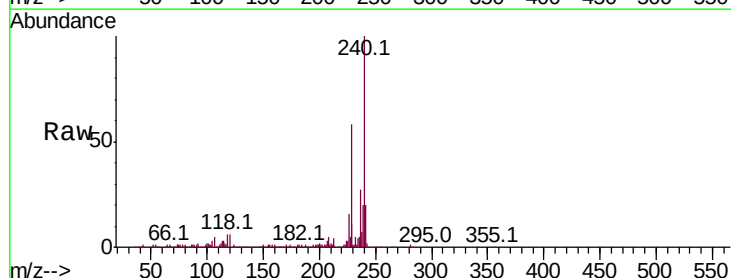
Tgt Ion:240 Resp: 362282

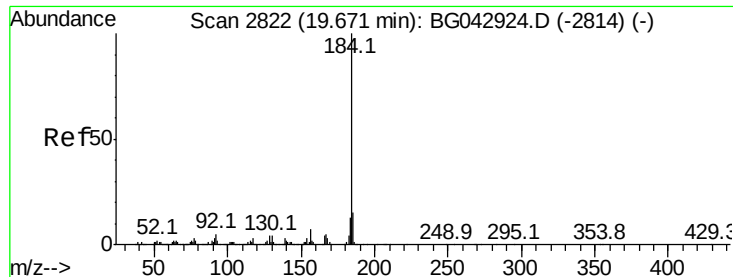
Ion Ratio Lower Upper

240 100

120 6.3 4.8 7.2

236 27.1 21.4 32.0





#77

Benzidine

Concen: 69.691 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

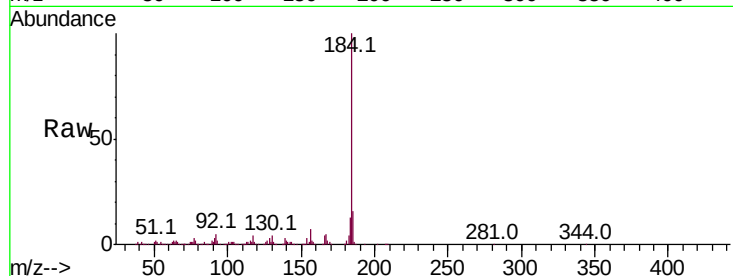
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 632179

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	13.0	10.1	15.1

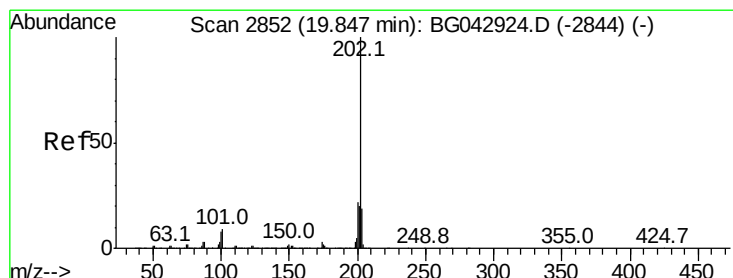
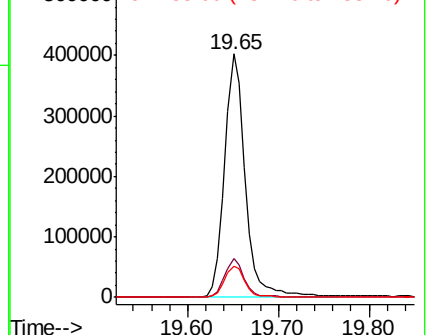
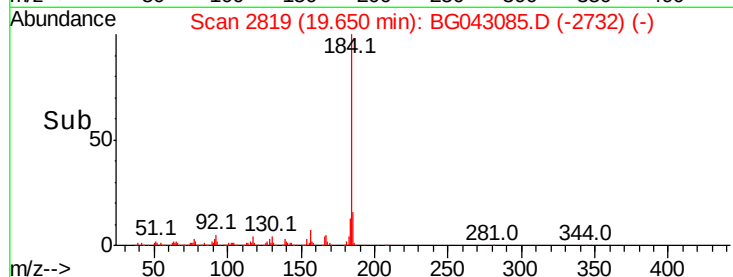


Abundance

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: 41.962 ng

RT: 19.83 min Scan# 2850

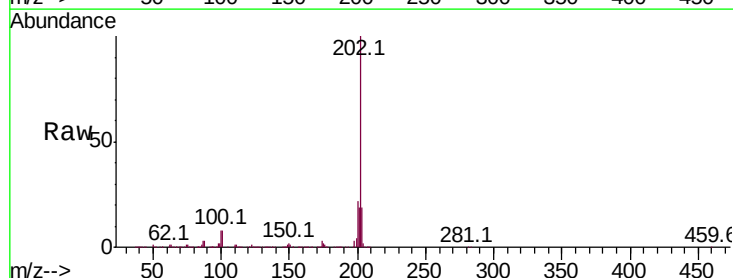
Delta R.T. -0.01 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Tgt Ion:202 Resp: 907348

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	19.4	15.2	22.8

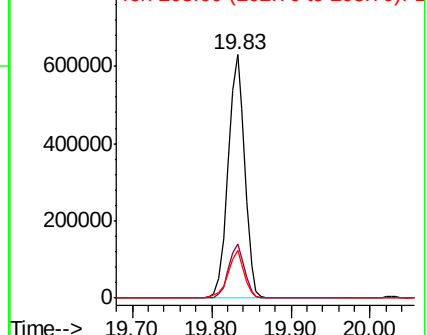
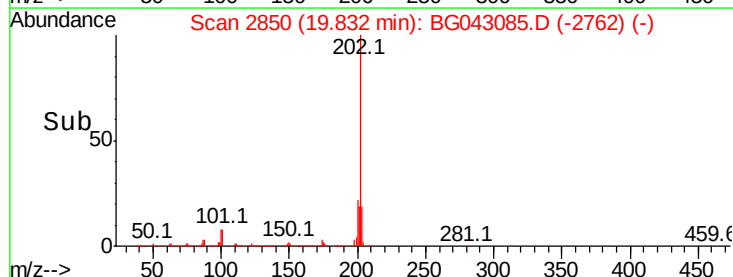


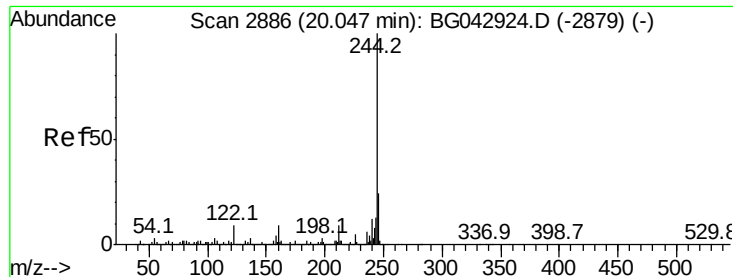
Abundance

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: 68.785 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampled :

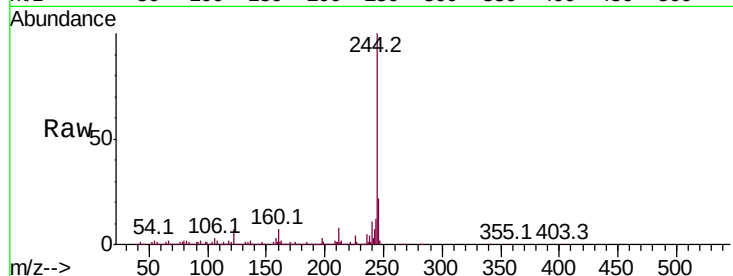
Tot Ion:244 Resp: 1169443

Ion Ratio Lower Upper

244 100

212 7.7 7.4 11.0

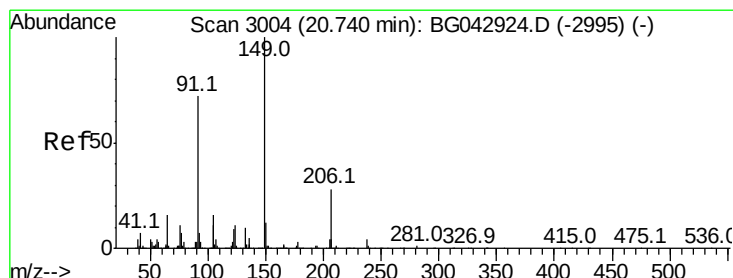
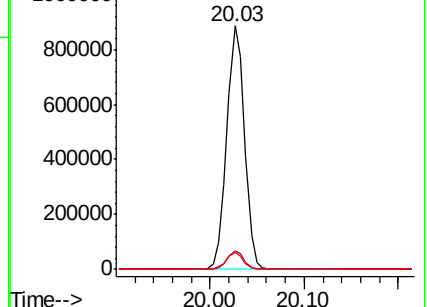
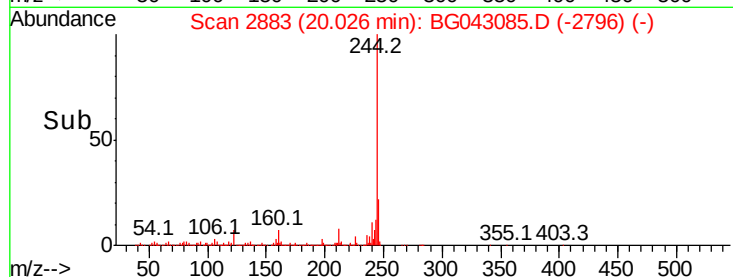
122 7.0 7.0 10.4



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: 41.109 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.03 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

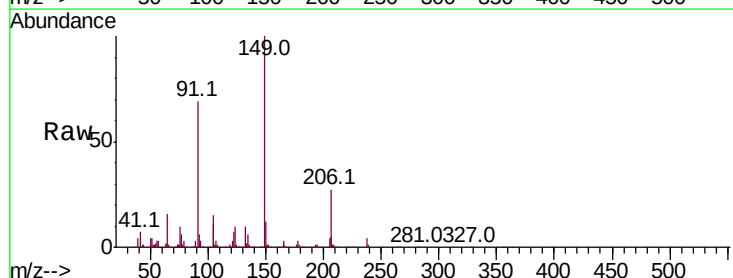
Tgt Ion:149 Resp: 337410

Ion Ratio Lower Upper

149 100

91 69.1 57.7 86.5

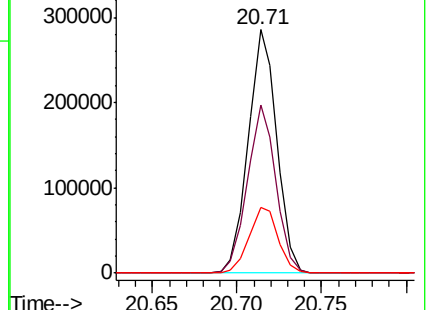
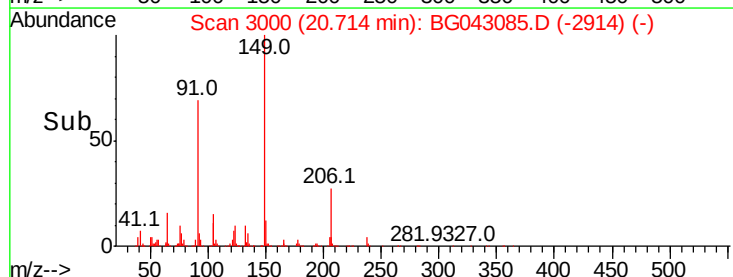
206 26.9 22.6 33.8

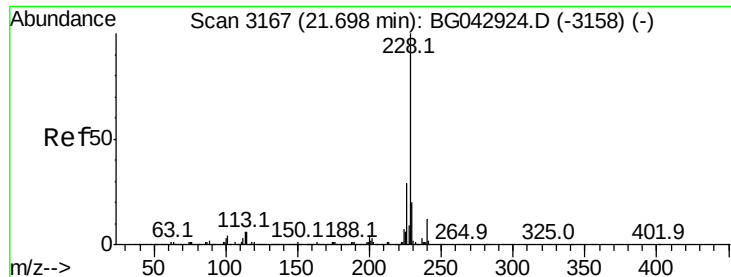


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.899 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

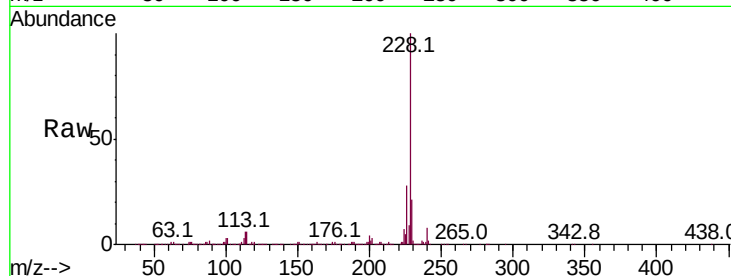
Tot Ion:228 Resp: 945804

Ion Ratio Lower Upper

228 100

226 27.8 23.0 34.4

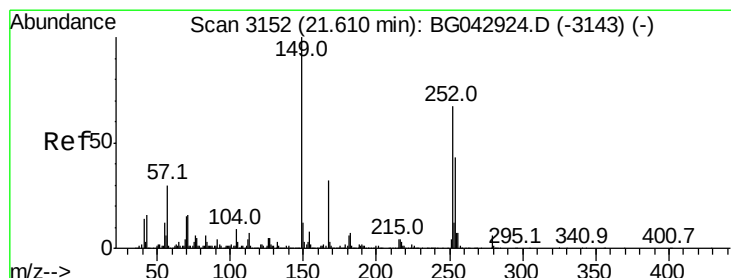
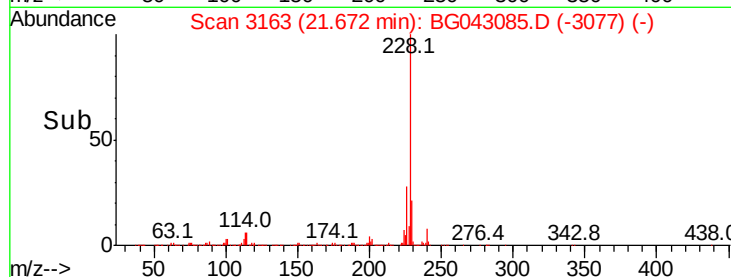
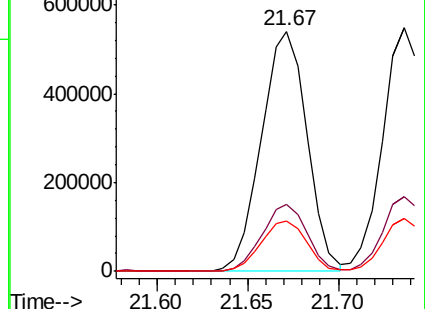
229 21.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.464 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.03 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

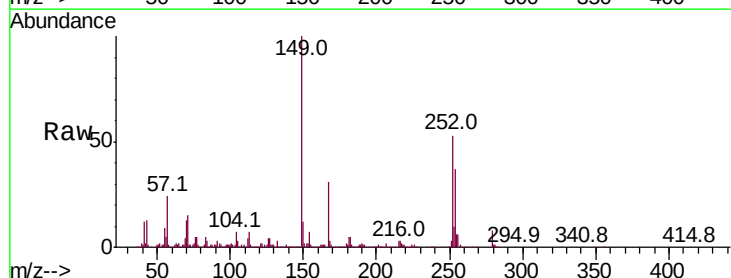
Tgt Ion:252 Resp: 243155

Ion Ratio Lower Upper

252 100

254 69.1 51.9 77.9

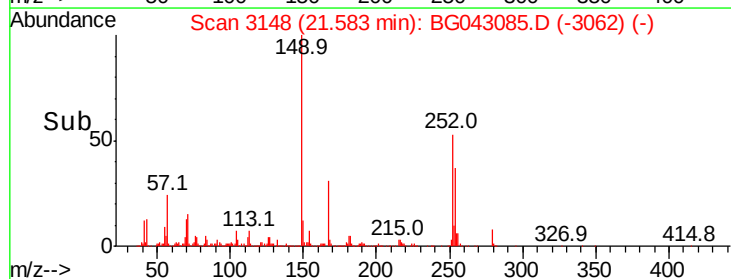
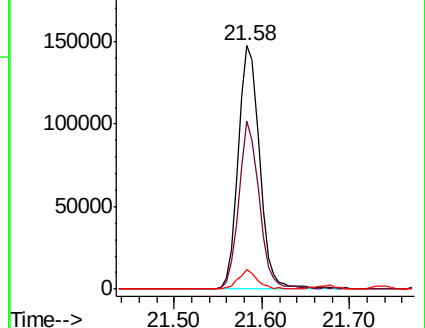
126 8.3 6.1 9.1

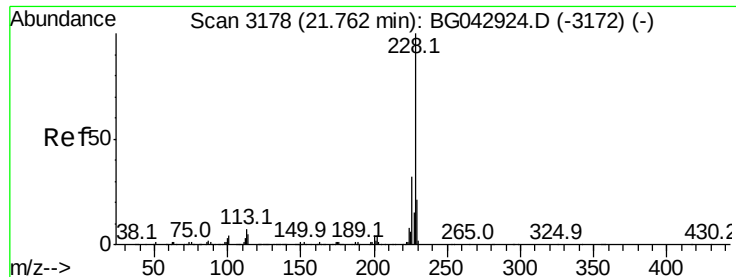


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

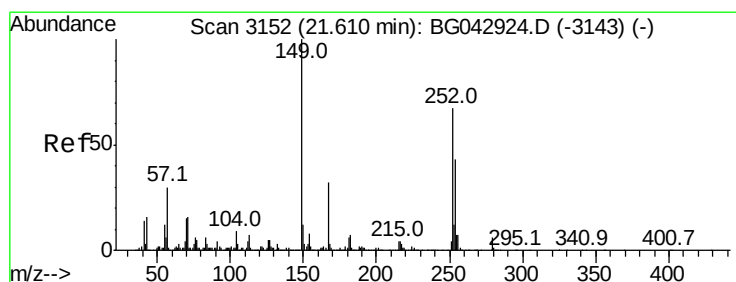
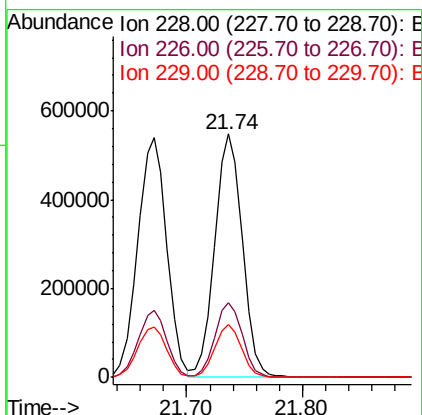
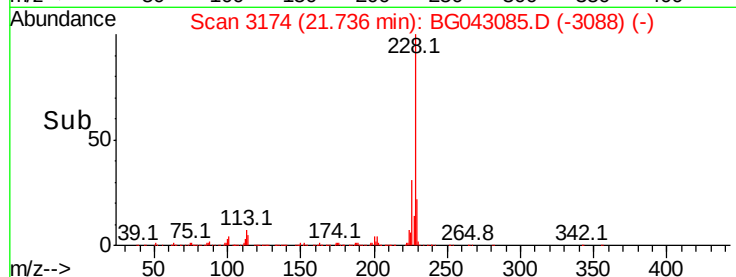
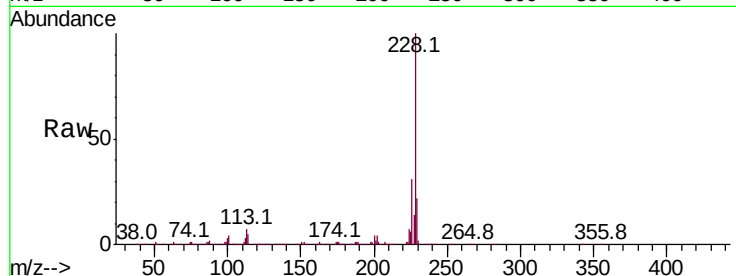




#83
 Chrysene
 Concen: 41.117 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.03 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

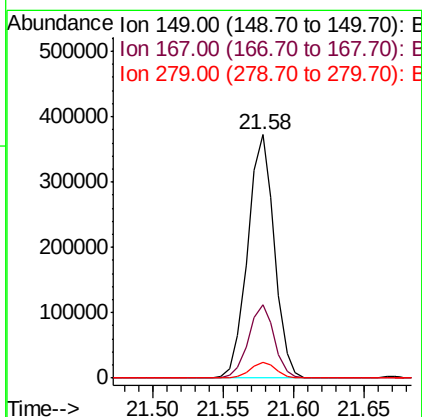
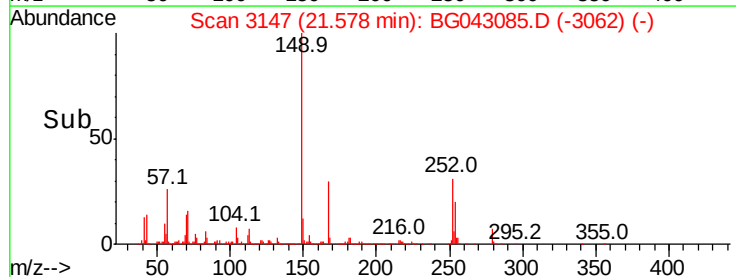
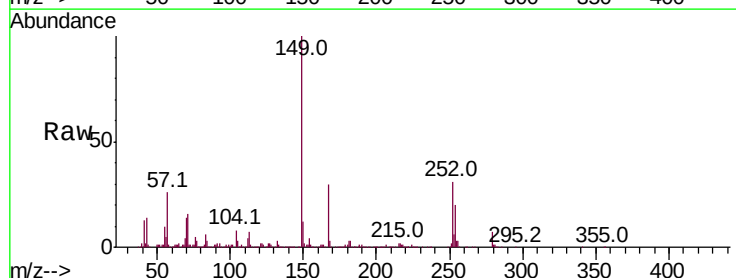
Instrument :
 BNA_G
 ClientSampleId :

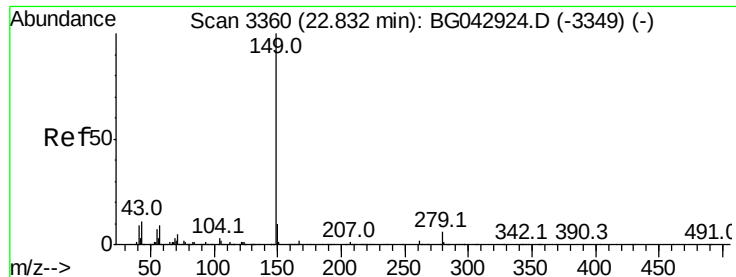
Tot Ion:228 Resp: 900704
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.6 38.4
 229 21.8 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.023 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.03 min
 Lab File: BG043085.D
 Acq: 8 Oct 2019 14:49

Tgt Ion:149 Resp: 490786
 Ion Ratio Lower Upper
 149 100
 167 30.3 25.4 38.2
 279 6.6 5.1 7.7





#85

Di-n-octyl phthalate

Concen: 43.009 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.04 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

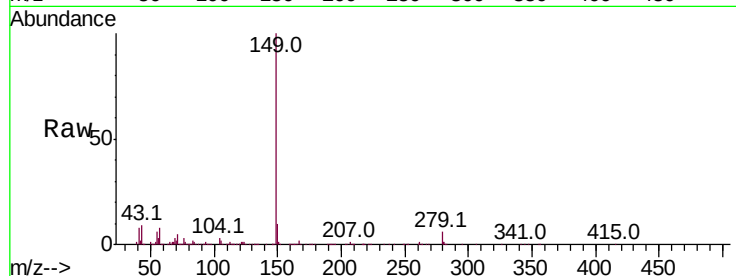
Tot Ion:149 Resp: 821373

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

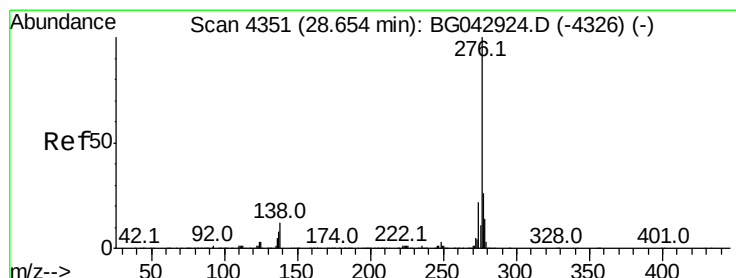
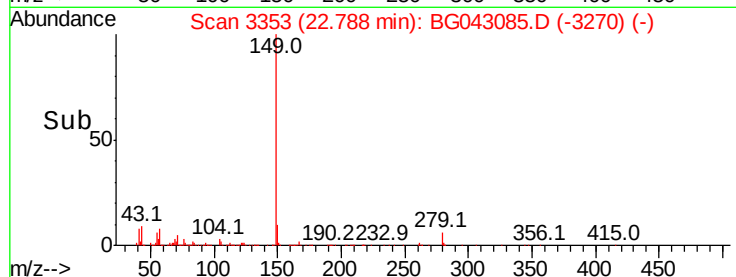
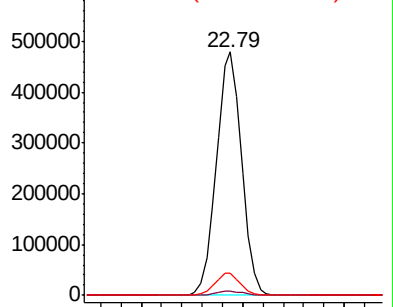
43 9.2 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.622 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.08 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

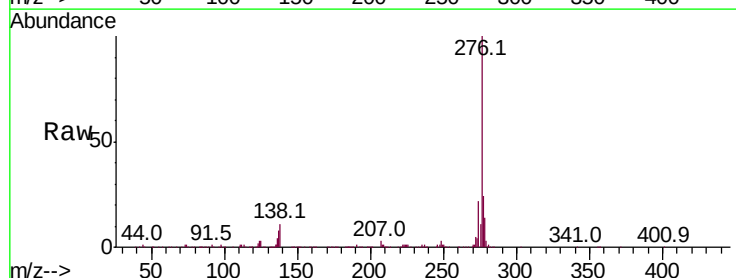
Tgt Ion:276 Resp: 1162334

Ion Ratio Lower Upper

276 100

138 9.9 7.0 10.6

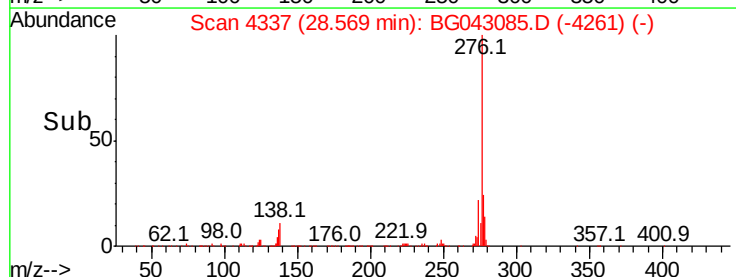
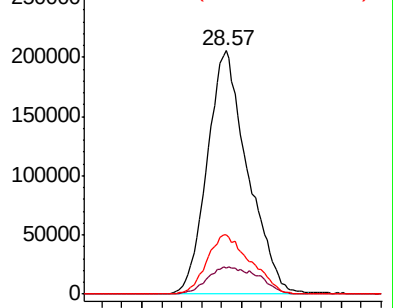
277 26.3 20.9 31.3

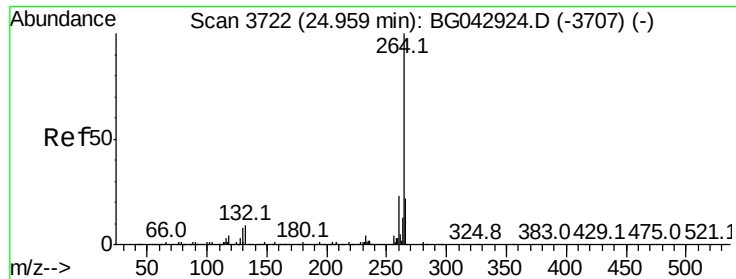


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.06 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Instrument :

BNA_G

ClientSampleId :

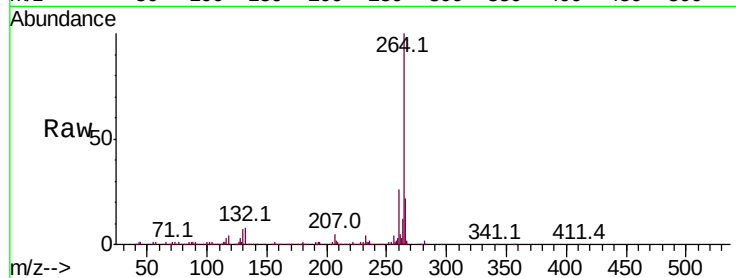
Tot Ion:264 Resp: 413946

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.7	28.1
265	22.3	17.7	26.5

264 100

260 25.6 18.7 28.1

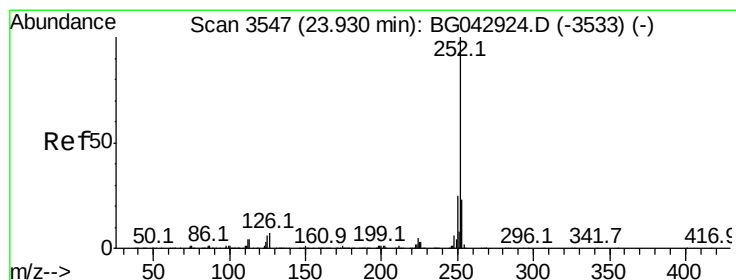
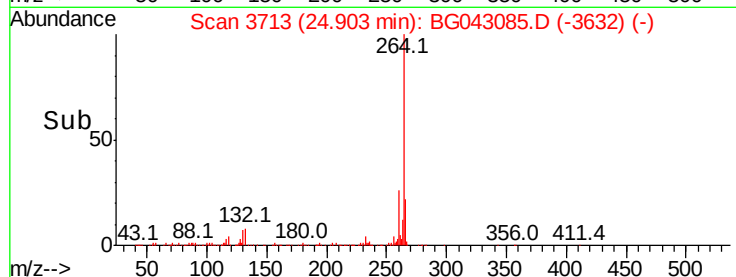
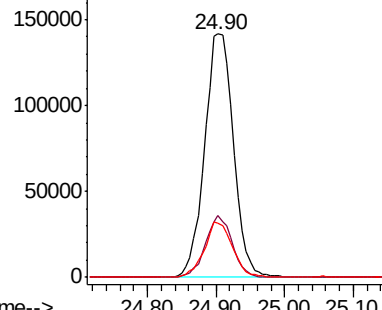
265 22.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.404 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.04 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

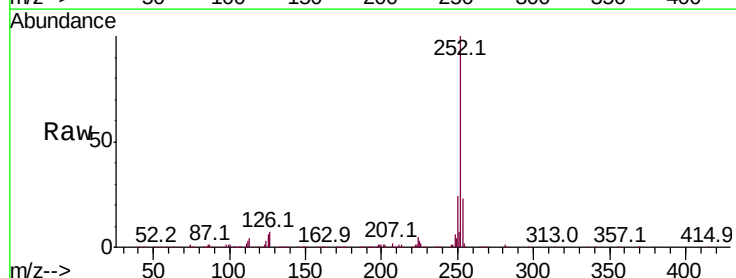
Tgt Ion:252 Resp: 969761

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	5.6	4.6	7.0

252 100

253 23.0 18.2 27.2

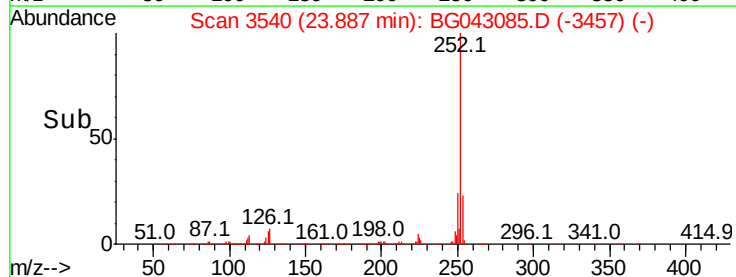
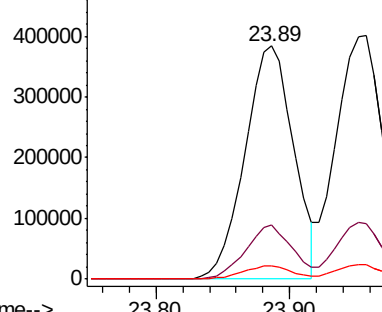
125 5.6 4.6 7.0

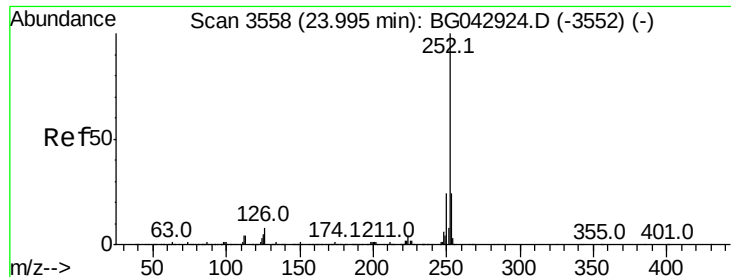


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

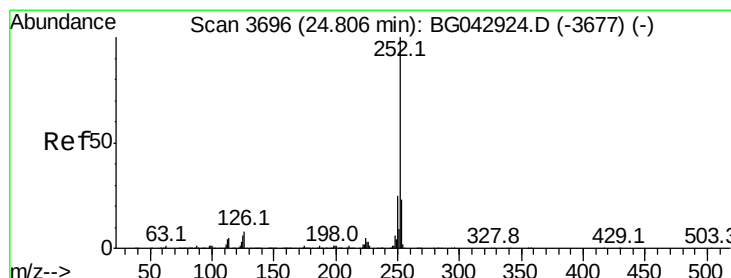
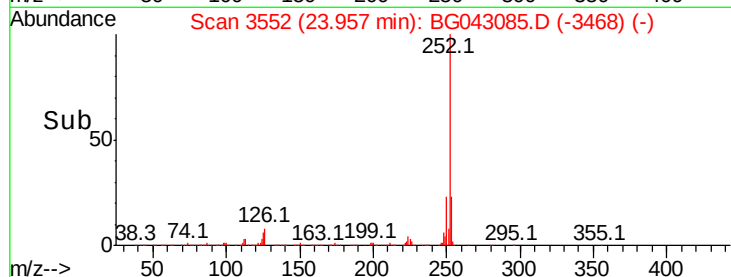
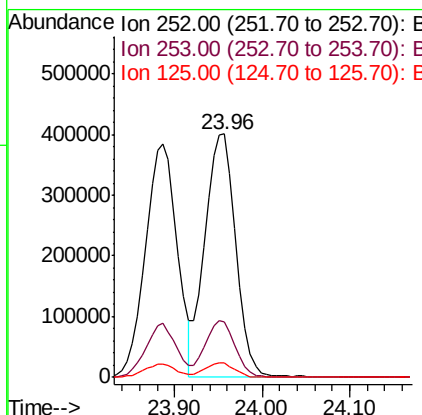
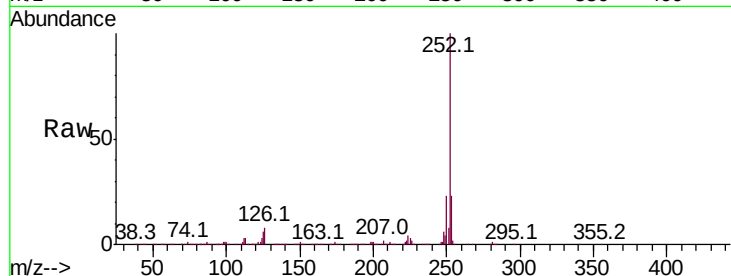




#89
Benzo(k)fluoranthene
Concen: 42.516 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.04 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

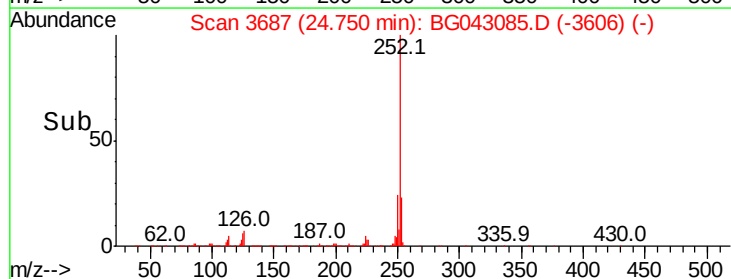
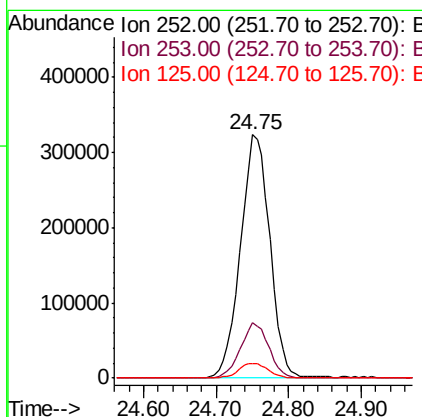
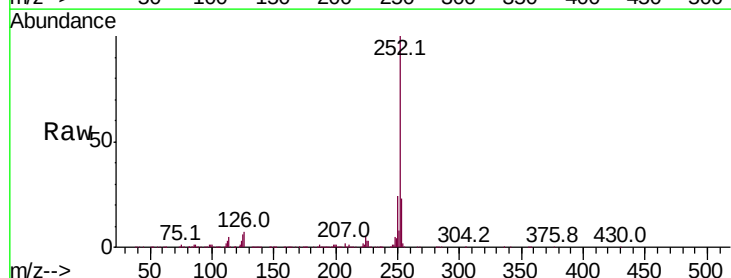
Instrument :
BNA_G
ClientSampleId :

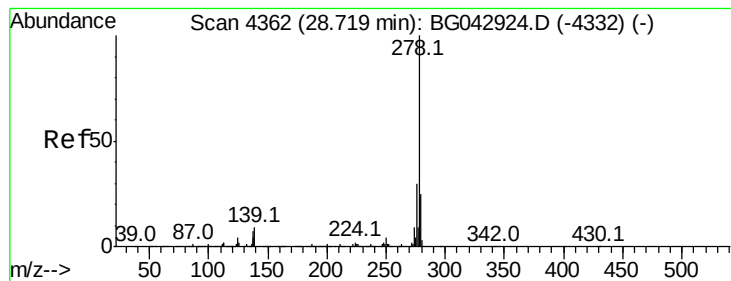
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.9	28.3
125	5.7	4.5	6.7



#90
Benzo(a)pyrene
Concen: 41.163 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.06 min
Lab File: BG043085.D
Acq: 8 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	6.0	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 43.668 ng

RT: 28.63 min Scan# 4348

Delta R.T. -0.08 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

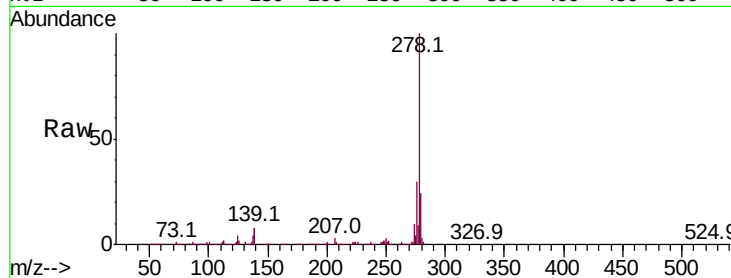
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 989500

Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.8	10.2
279	23.6	20.1	30.1

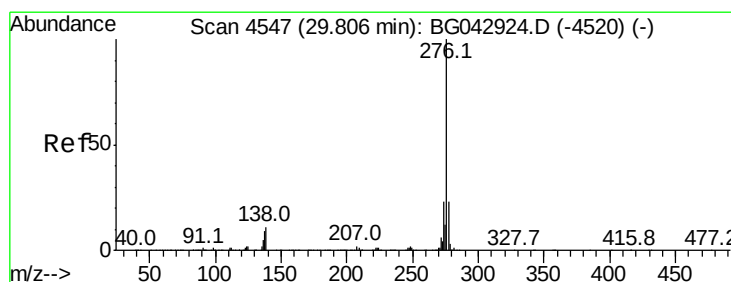
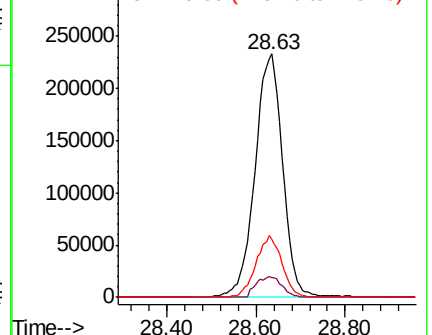
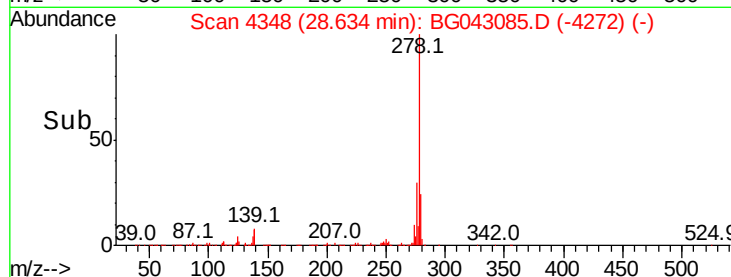


Abundance

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: 44.645 ng

RT: 29.72 min Scan# 4532

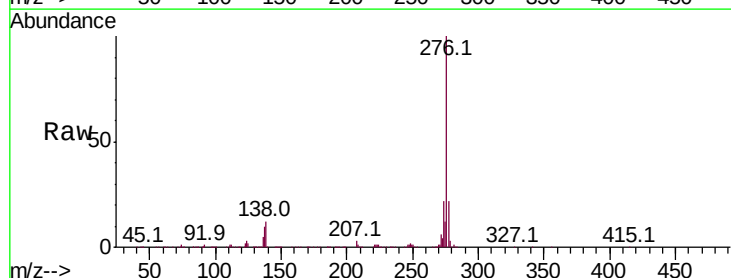
Delta R.T. -0.09 min

Lab File: BG043085.D

Acq: 8 Oct 2019 14:49

Tgt Ion:276 Resp: 980196

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.4	27.6
138	12.3	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

