

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040119\
 Data File : BG040293.D
 Acq On : 2 Apr 2019 10:27
 Operator : JU/SJ
 Sample : K1689-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 02 11:20:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59385	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	258004	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	178070	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	433088	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	415144	20.00	ng	-0.02
87) Perylene-d12	25.07	264	421017	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	475943	133.23	ng	-0.01
7) Phenol-d6	7.21	99	635097	128.64	ng	-0.01
23) Nitrobenzene-d5	9.23	82	449567	92.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	317943	165.21	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1067400	88.82	ng	-0.02
79) Terphenyl-d14	20.03	244	1654515	89.66	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	58091	34.584	ng	# 25
3) Pyridine	3.92	79	153600	33.963	ng	99
4) n-Nitrosodimethylamine	3.83	42	79263	37.889	ng	# 83
6) Aniline	7.38	93	72310	11.274	ng	96
8) 2-Chlorophenol	7.62	128	192705	46.084	ng	97
9) Benzaldehyde	7.20	77	136456	40.295	ng	98
10) Phenol	7.24	94	220580	41.164	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	189144	44.070	ng	97
12) 1,3-Dichlorobenzene	7.94	146	189219	41.626	ng	96
13) 1,4-Dichlorobenzene	8.09	146	194629	42.989	ng	98
14) 1,2-Dichlorobenzene	8.41	146	185028	42.736	ng	98
15) Benzyl Alcohol	8.29	79	183184	46.074	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	346276	42.039	ng	98
17) 2-Methylphenol	8.49	107	178872	48.240	ng	98
18) Hexachloroethane	9.13	117	70097	40.704	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	159943	45.187	ng	98
20) 3+4-Methylphenols	8.82	107	250063	49.781	ng	97
22) Acetophenone	8.89	105	310674	48.272	ng	# 96
24) Nitrobenzene	9.28	77	228768	45.513	ng	98
25) Isophorone	9.79	82	473035	47.363	ng	99
26) 2-Nitrophenol	9.98	139	113922	47.832	ng	95
27) 2,4-Dimethylphenol	10.03	122	215063	56.847	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	280808	47.524	ng	99
29) 2,4-Dichlorophenol	10.51	162	219675	53.496	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	210182	46.614	ng	97
31) Naphthalene	10.92	128	631723	47.769	ng	99
32) Benzoic acid	10.14	122	26229	11.475	ng	90
33) 4-Chloroaniline	11.04	127	15061	2.670	ng	95
34) Hexachlorobutadiene	11.18	225	125866	43.647	ng	96
35) Caprolactam	11.82	113	36853	22.615	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	257149	54.471	ng	100
37) 2-Methylnaphthalene	12.52	142	491844	50.287	ng	99
38) 1-Methylnaphthalene	12.74	142	472724	49.843	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	253088	44.718	ng	99

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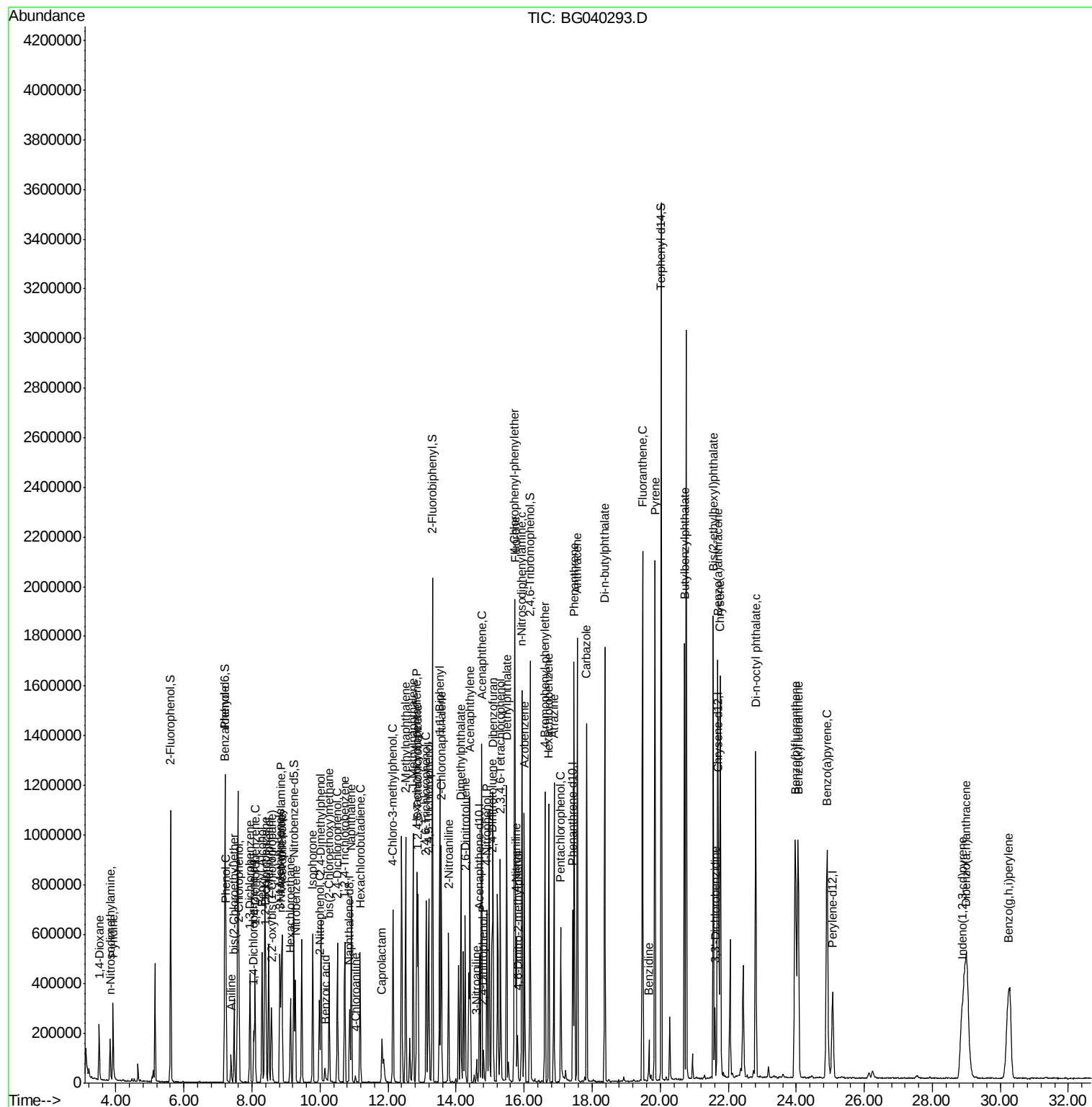
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	256177	82.436	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	191737	52.545	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	207576	52.190	ng	97
46) 1,1'-Biphenyl	13.52	154	649034	46.129	ng	99
47) 2-Chloronaphthalene	13.57	162	504632	46.758	ng	99
48) 2-Nitroaniline	13.78	65	178696	49.087	ng	97
49) Acenaphthylene	14.41	152	853812	46.660	ng	100
50) Dimethylphthalate	14.14	163	682454	48.969	ng	100
51) 2,6-Dinitrotoluene	14.27	165	158038	50.504	ng	95
52) Acenaphthene	14.75	154	509374	48.580	ng	98
53) 3-Nitroaniline	14.60	138	24492	7.394	ng	97
54) 2,4-Dinitrophenol	14.80	184	35322	21.225	ng	94
55) Dibenzofuran	15.08	168	826795	49.073	ng	99
56) 4-Nitrophenol	14.91	139	210092	78.587	ng	92
57) 2,4-Dinitrotoluene	15.05	165	226738	52.146	ng	100
58) Fluorene	15.73	166	654826	49.434	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	203204	56.302	ng	98
60) Diethylphthalate	15.49	149	714204	50.081	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	359436	50.763	ng	98
62) 4-Nitroaniline	15.77	138	167151	47.022	ng	98
63) Azobenzene	16.01	77	650713	48.373	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	47577	19.554	ng	89
66) n-Nitrosodiphenylamine	15.94	169	628624	49.602	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	242811	49.820	ng	98
68) Hexachlorobenzene	16.73	284	247228	50.451	ng	98
69) Atrazine	16.88	200	230923	48.983	ng	98
70) Pentachlorophenol	17.08	266	137494	48.532	ng	98
71) Phenanthrene	17.48	178	1114710	48.968	ng	99
72) Anthracene	17.57	178	1125829	49.411	ng	98
73) Carbazole	17.84	167	1049100	48.652	ng	99
74) Di-n-butylphthalate	18.37	149	1210109	47.344	ng	98
75) Fluoranthene	19.48	202	1299293	48.202	ng	99
77) Benzidine	19.67	184	103989	6.937	ng	96
78) Pyrene	19.85	202	1298831	47.576	ng	99
80) Butylbenzylphthalate	20.71	149	565975	48.448	ng	98
81) Benzo(a)anthracene	21.69	228	1198303	46.862	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	105550	10.851	ng	99
83) Chrysene	21.77	228	1192883	48.541	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	788952	47.244	ng	100
85) Di-n-octyl phthalate	22.81	149	1360797	47.828	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	541415	18.013	ng	# 72
88) Benzo(b)fluoranthene	23.97	252	1309715	50.811	ng	98
89) Benzo(k)fluoranthene	24.06	252	1270489	53.598	ng	98
90) Benzo(a)pyrene	24.91	252	1270191	52.520	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	610650	27.186	ng	98
92) Benzo(g,h,i)perylene	30.25	276	761385	32.983	ng	99

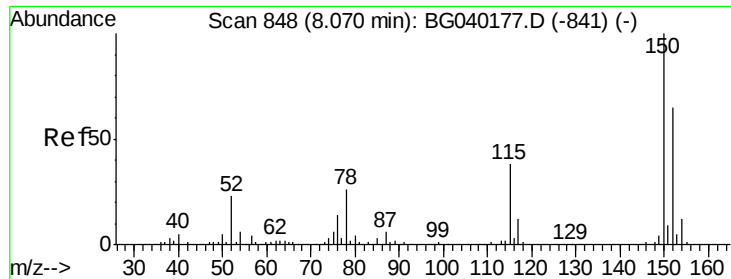
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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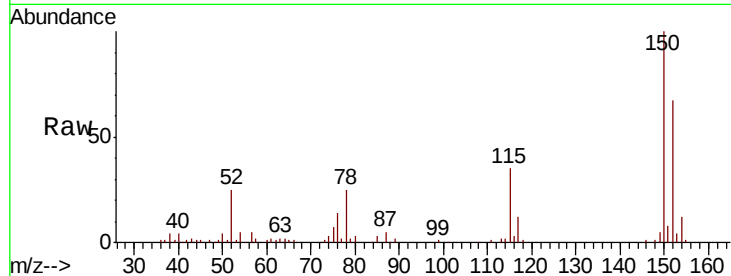


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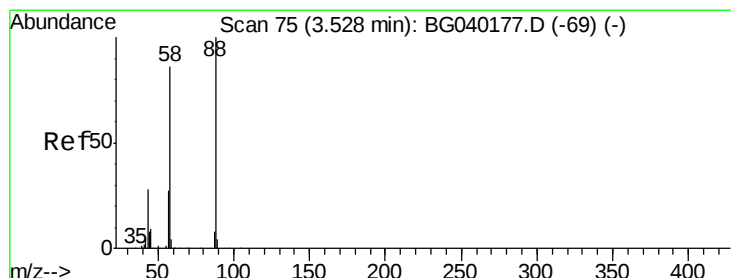
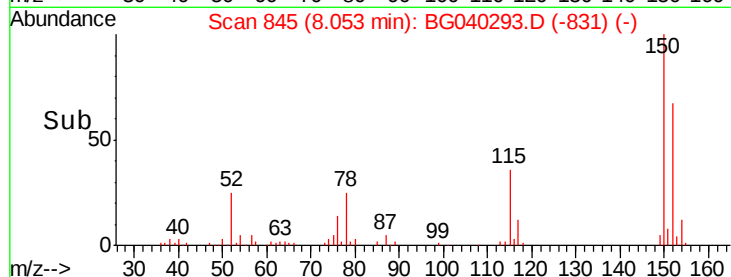
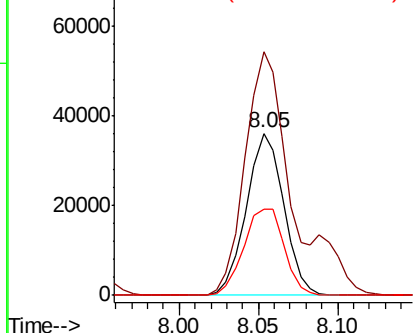
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59385
Ion Ratio Lower Upper
152 100
150 150.1 123.7 185.5
115 53.1 46.9 70.3



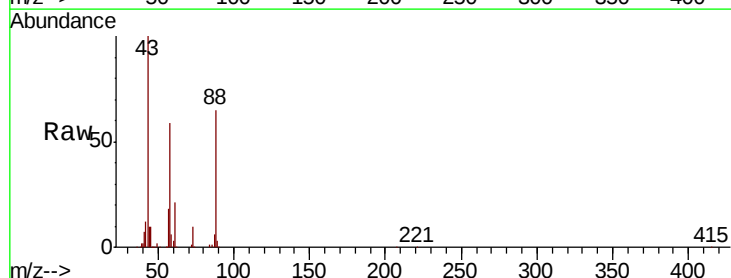
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



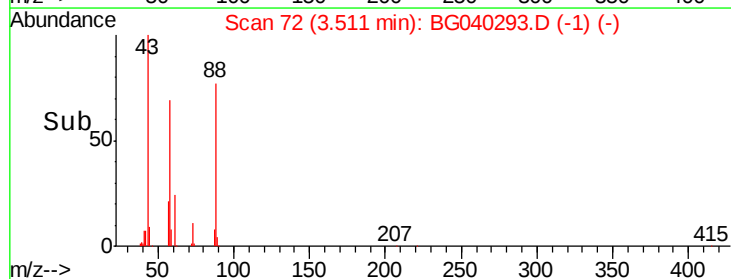
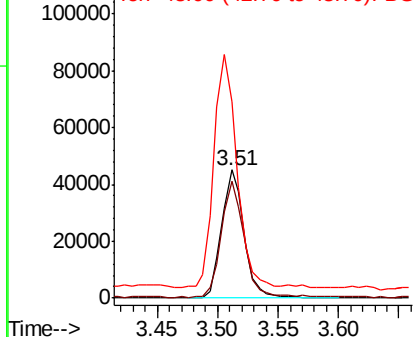
#2

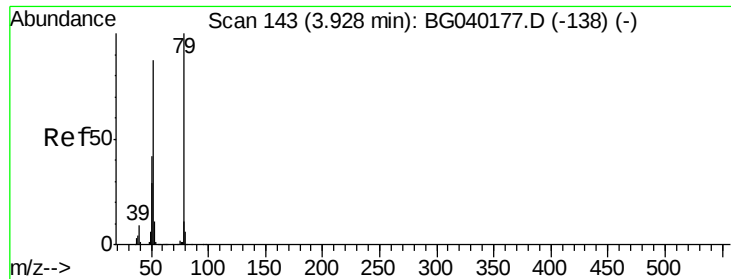
1,4-Dioxane
Concen: 34.584 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion: 88 Resp: 58091
Ion Ratio Lower Upper
88 100
58 90.7 70.6 106.0
43 185.2 24.8 37.2#



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: 33.963 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

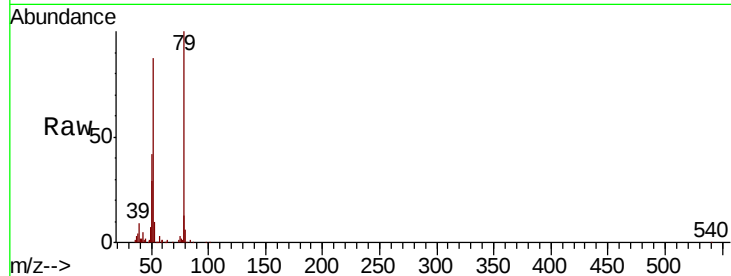
Tot Ion: 79 Resp: 153600

Ion Ratio Lower Upper

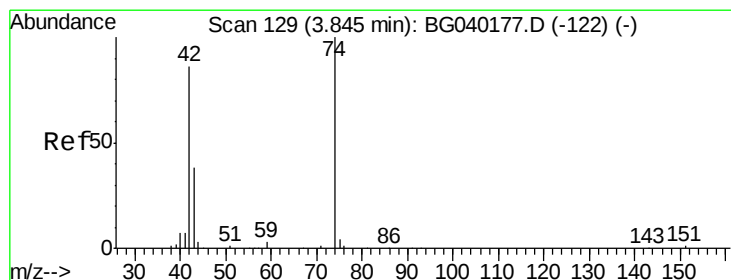
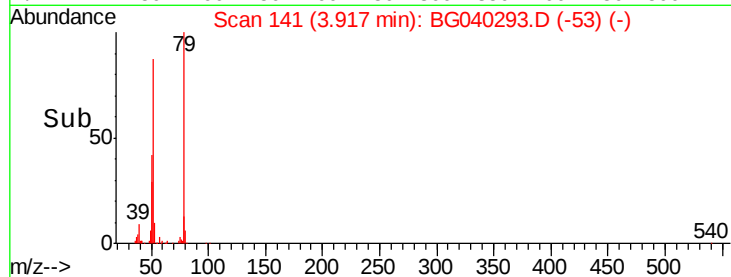
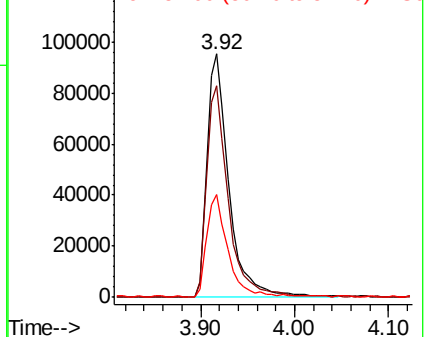
79 100

52 86.7 69.8 104.8

51 42.1 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.889 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

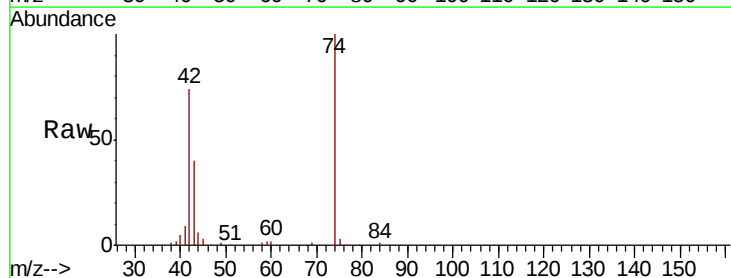
Tgt Ion: 42 Resp: 79263

Ion Ratio Lower Upper

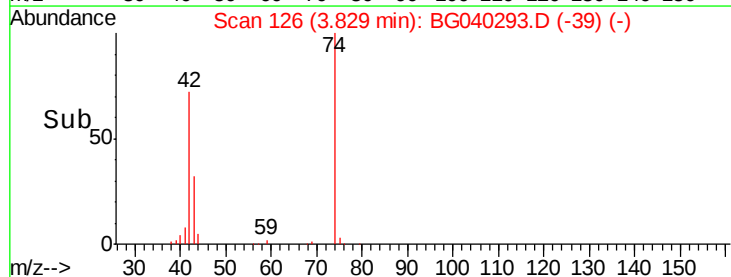
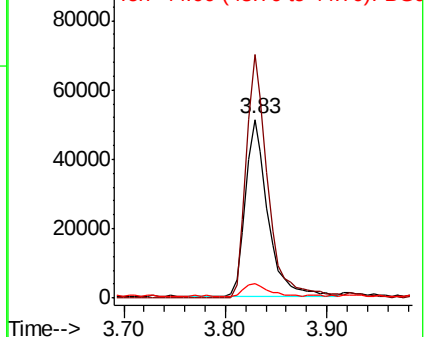
42 100

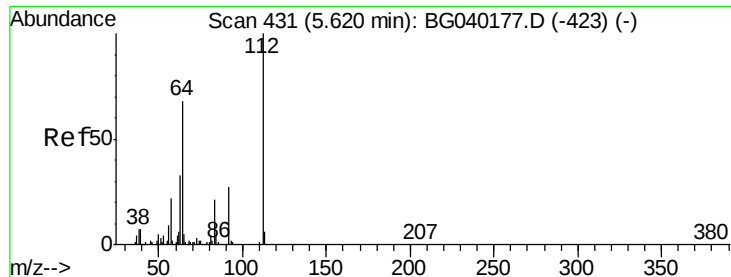
74 136.0 92.9 139.3

44 8.4 9.7 14.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 133.235 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

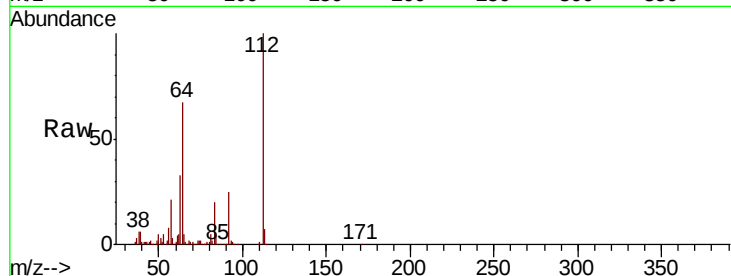
Tot Ion:112 Resp: 475943

Ion Ratio Lower Upper

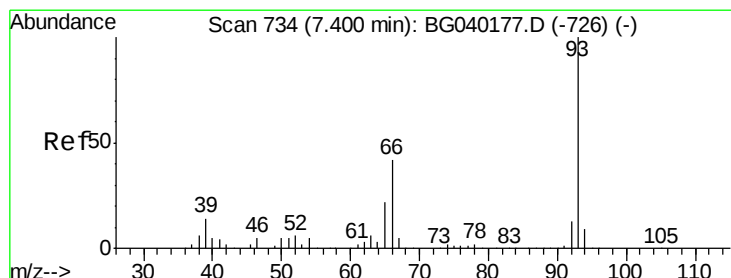
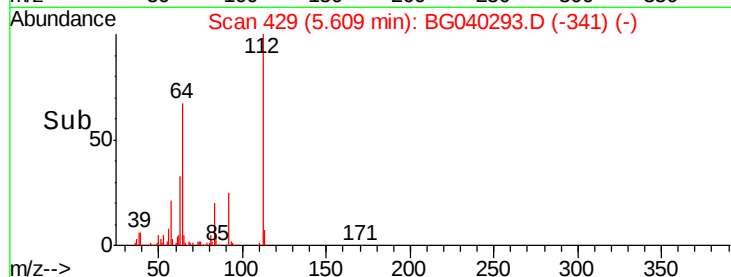
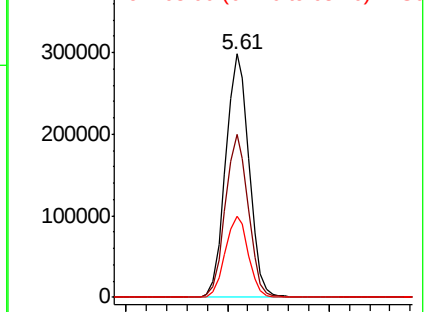
112 100

64 67.0 54.2 81.2

63 33.2 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.274 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

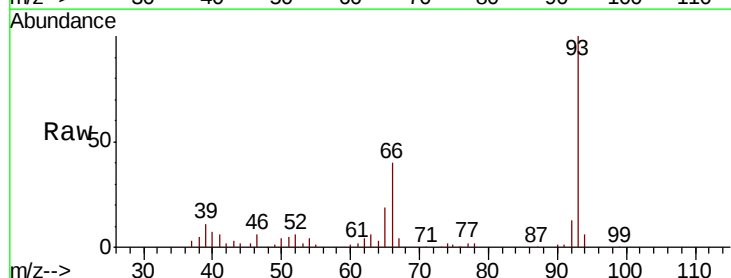
Tgt Ion: 93 Resp: 72310

Ion Ratio Lower Upper

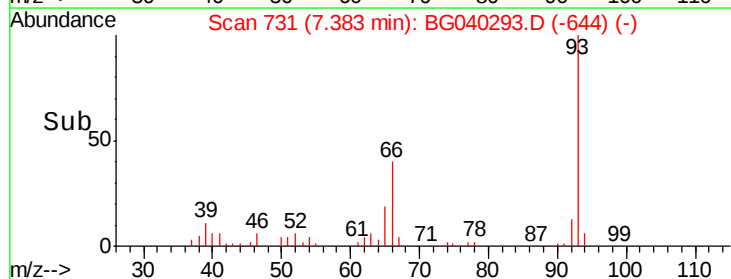
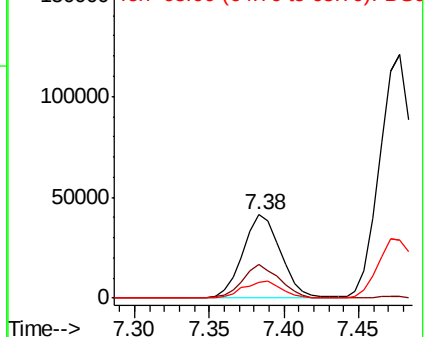
93 100

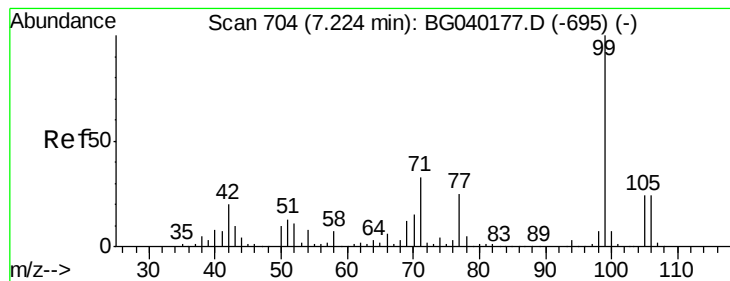
66 40.2 33.6 50.4

65 19.0 17.4 26.2



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: 128.644 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampled :

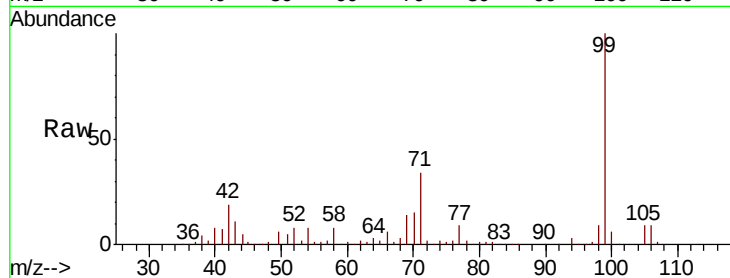
Tot Ion: 99 Resp: 635097

Ion Ratio Lower Upper

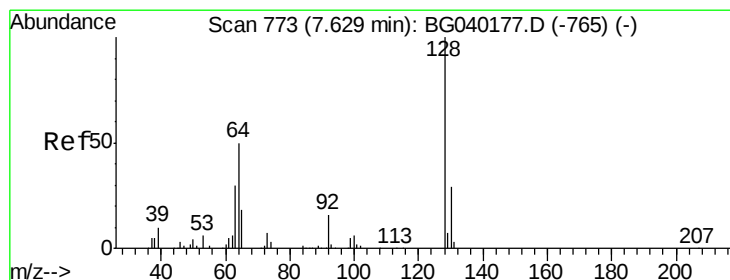
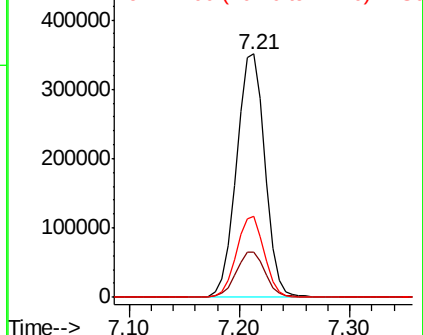
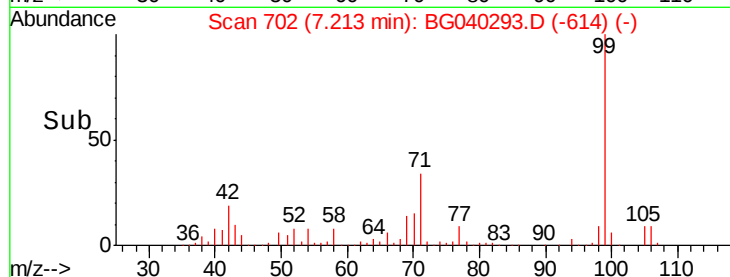
99 100

42 18.8 16.2 24.2

71 33.6 26.8 40.2



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: 46.084 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

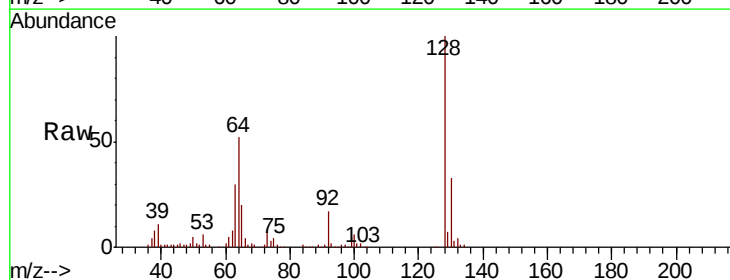
Tgt Ion: 128 Resp: 192705

Ion Ratio Lower Upper

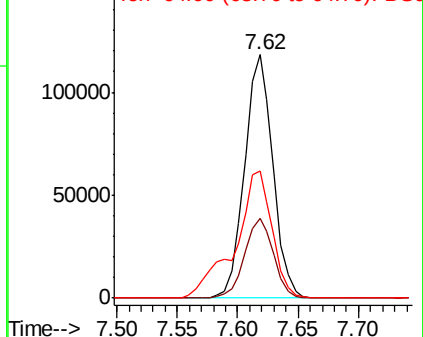
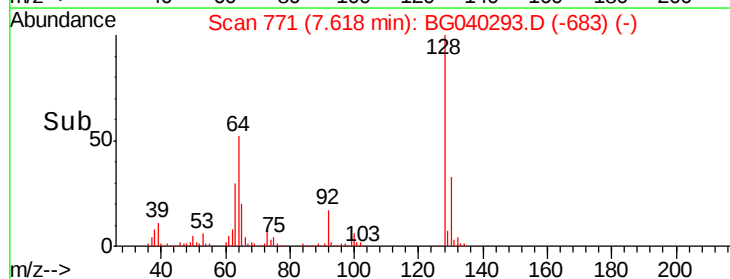
128 100

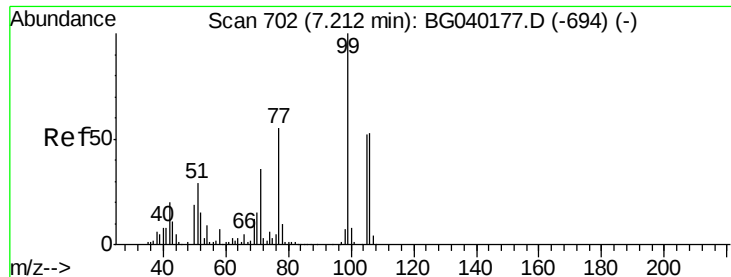
130 32.7 9.1 49.1

64 52.3 33.1 73.1



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: 40.295 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

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ClientSampled :

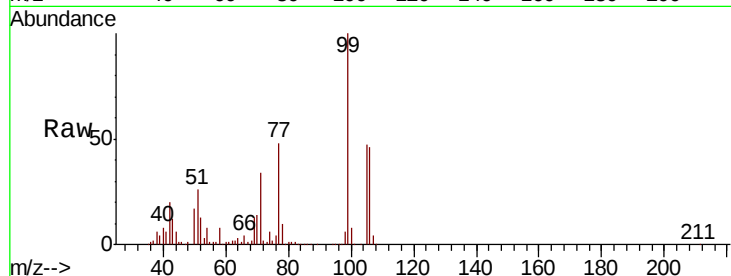
Tot Ion: 77 Resp: 136456

Ion Ratio Lower Upper

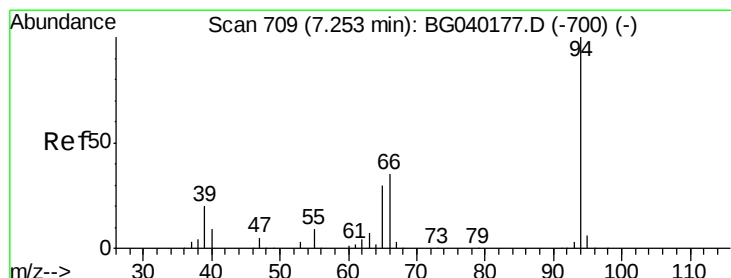
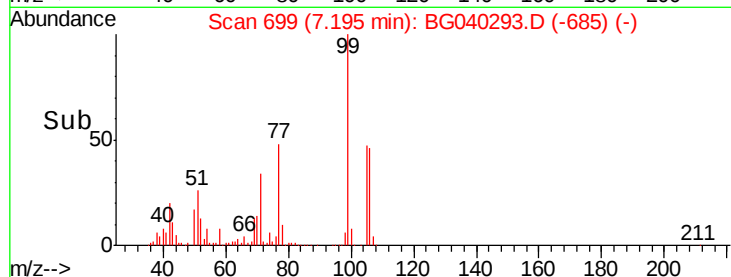
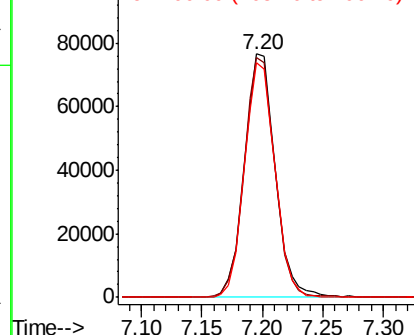
77 100

105 98.4 75.0 115.0

106 96.5 75.7 115.7



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



#10

Phenol

Concen: 41.164 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

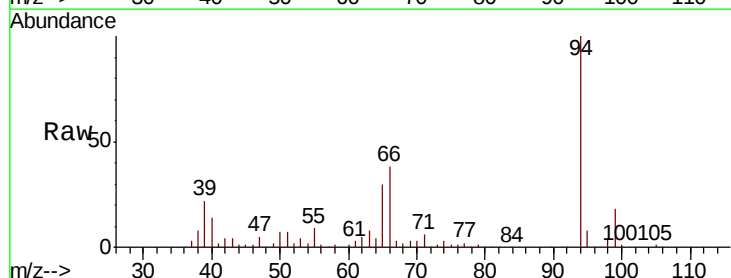
Tgt Ion: 94 Resp: 220580

Ion Ratio Lower Upper

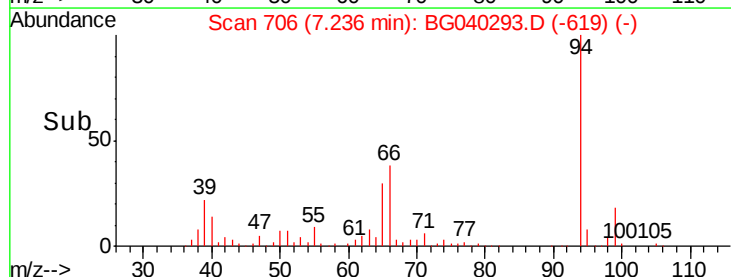
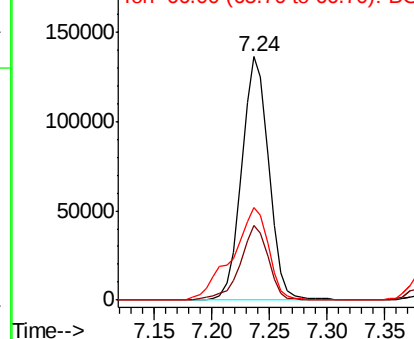
94 100

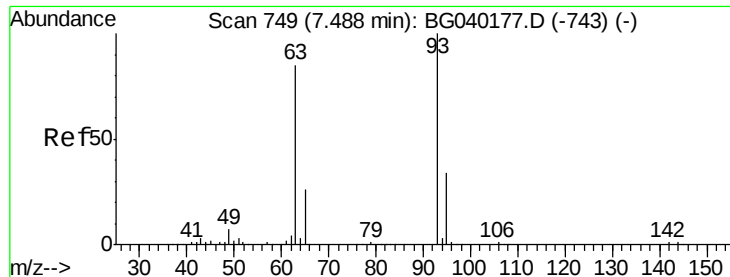
65 30.5 10.5 50.5

66 37.8 16.9 56.9



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

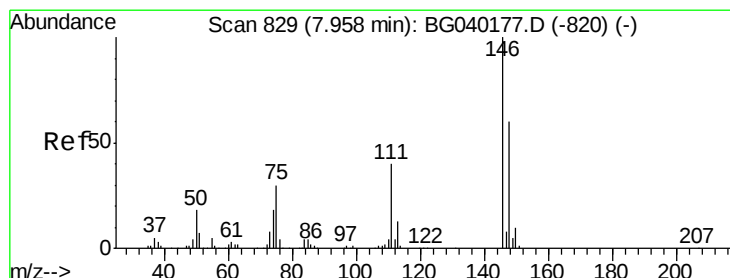
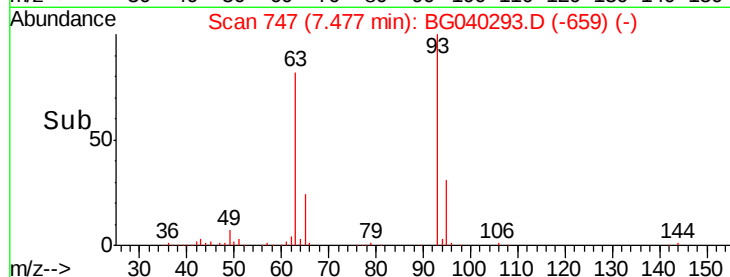
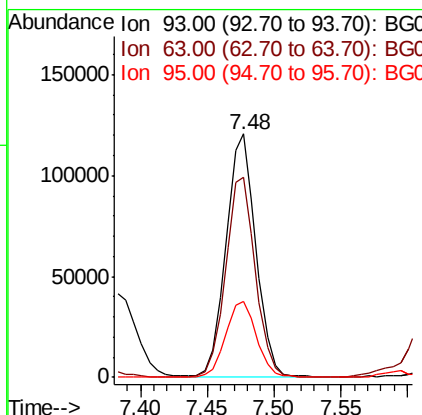
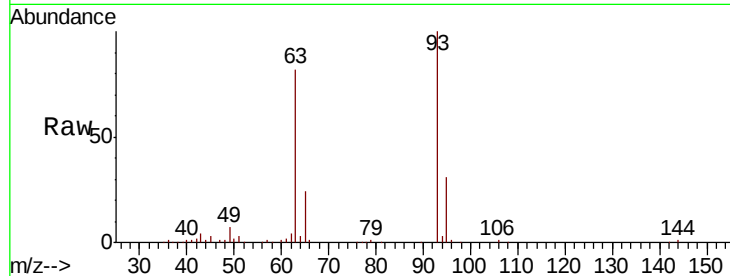




#11
bis(2-Chloroethyl)ether
Concen: 44.070 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

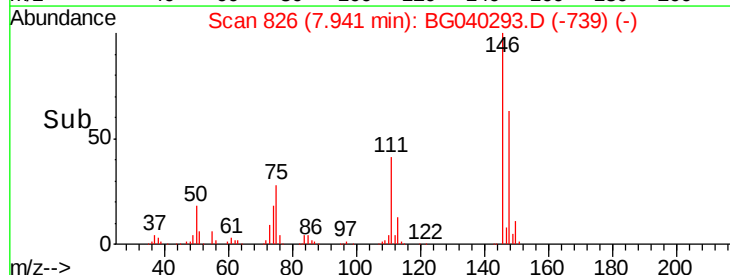
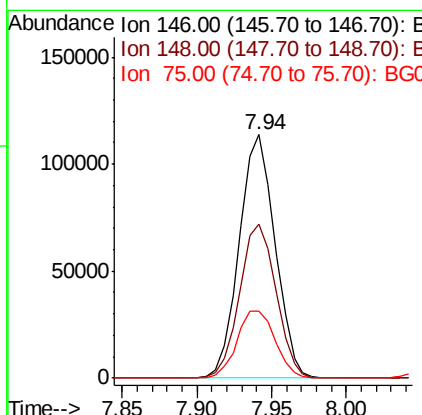
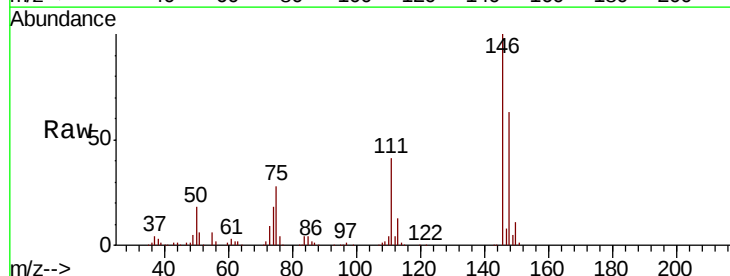
Instrument :
BNA_G
ClientSampleId :

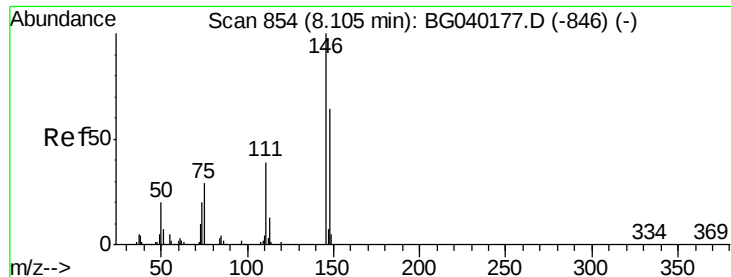
Tot Ion: 93 Resp: 189144
Ion Ratio Lower Upper
93 100
63 82.1 64.2 104.2
95 31.2 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 41.626 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion: 146 Resp: 189219
Ion Ratio Lower Upper
146 100
148 63.5 48.2 72.2
75 27.7 24.1 36.1

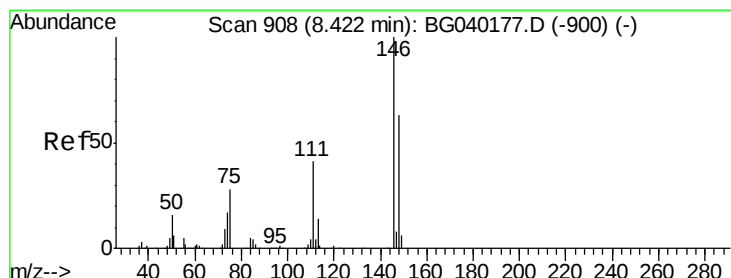
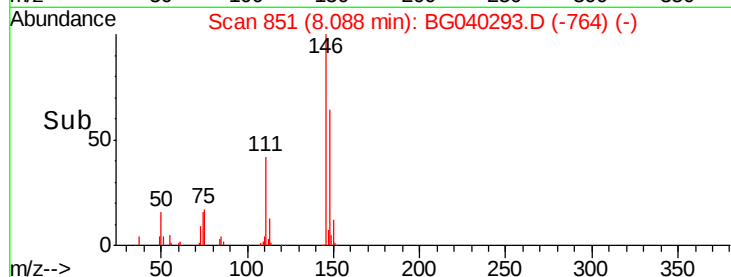
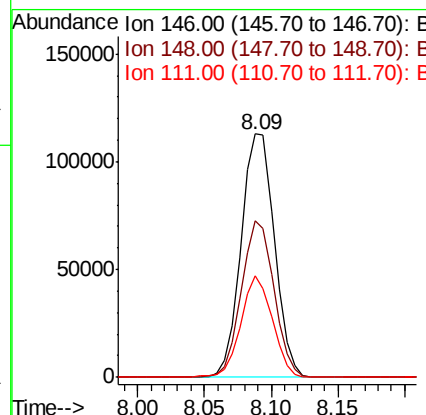
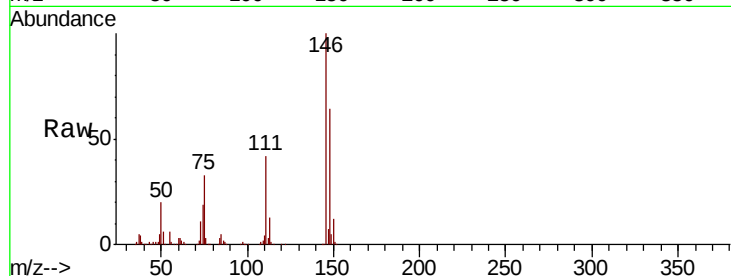




#13
 1,4-Dichlorobenzene
 Concen: 42.989 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

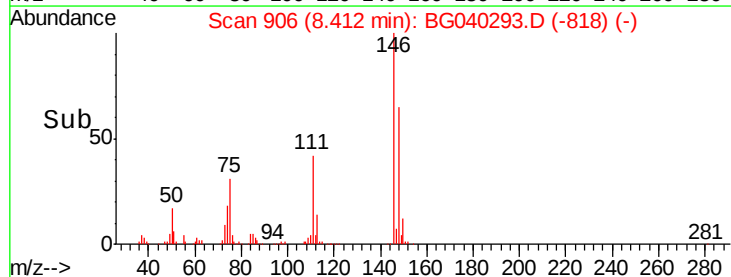
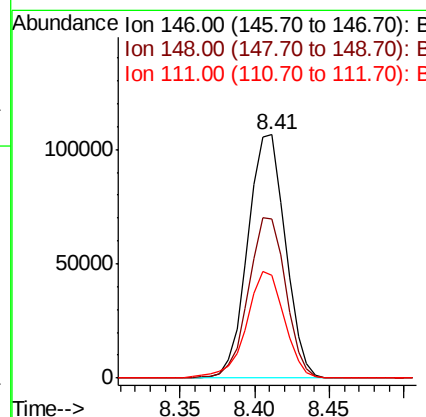
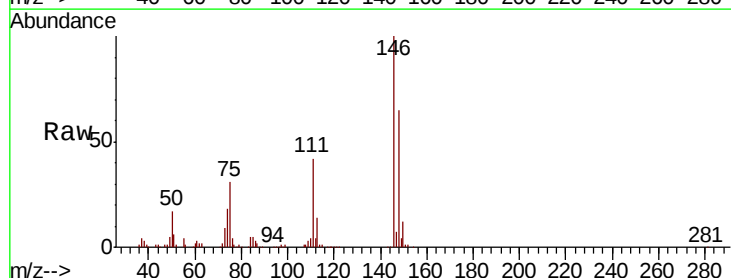
Instrument :
 BNA_G
 ClientSampled :

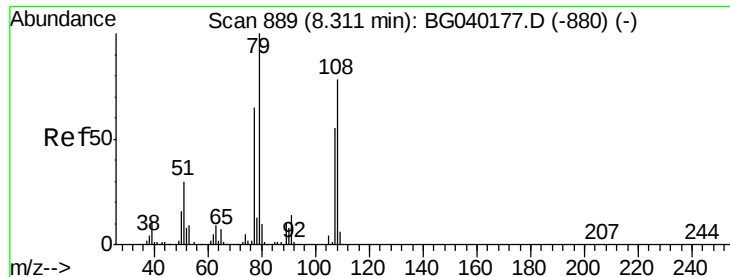
Tot Ion:146 Resp: 194629
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.4
 111 41.9 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 42.736 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion:146 Resp: 185028
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.8 76.2
 111 42.4 33.4 50.0





#15

Benzyl Alcohol

Concen: 46.074 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampled :

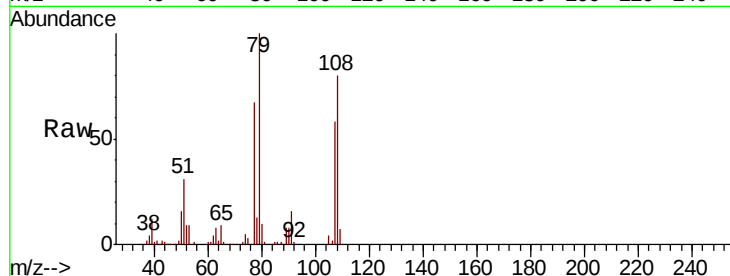
Tot Ion: 79 Resp: 183184

Ion Ratio Lower Upper

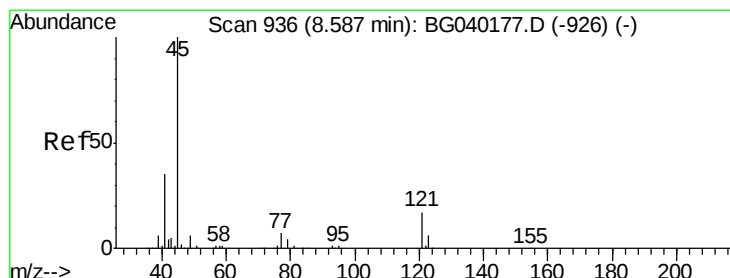
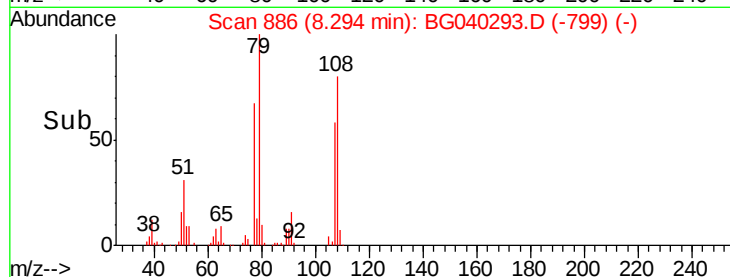
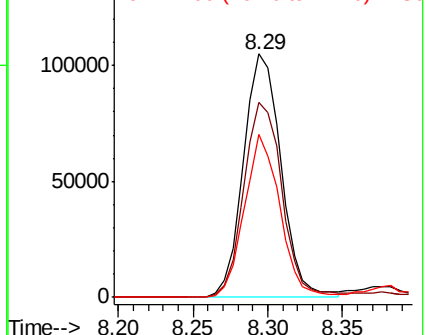
79 100

108 79.9 62.1 93.1

77 67.1 51.9 77.9



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: 42.039 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

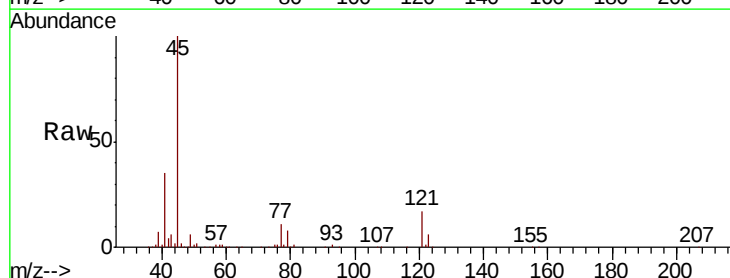
Tgt Ion: 45 Resp: 346276

Ion Ratio Lower Upper

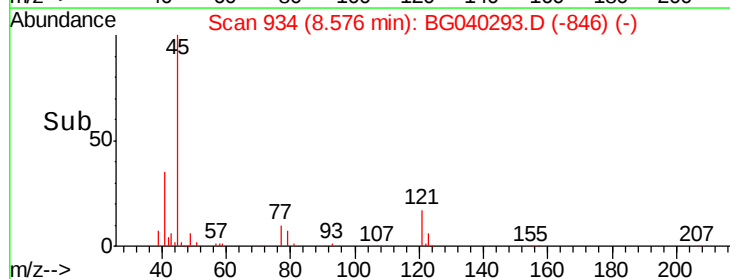
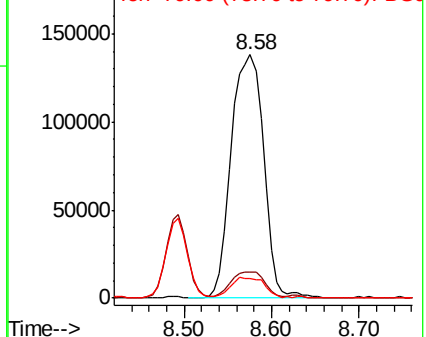
45 100

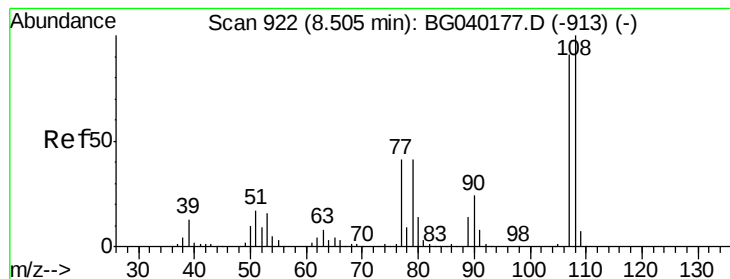
77 10.6 0.0 31.4

79 7.8 0.0 28.3



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: 48.240 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 178872

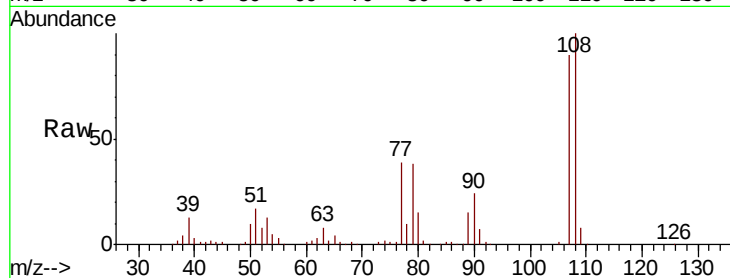
Ion Ratio Lower Upper

107 100

108 110.8 88.2 132.4

77 43.3 36.6 55.0

79 41.6 36.5 54.7

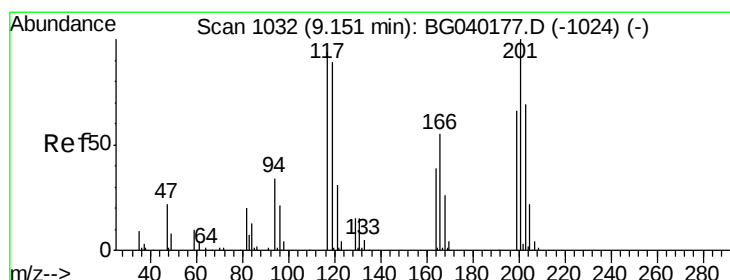
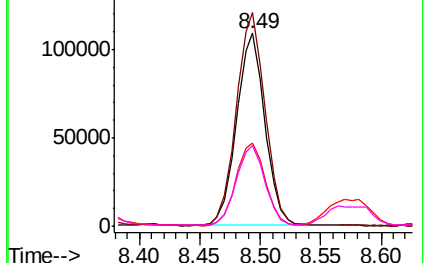
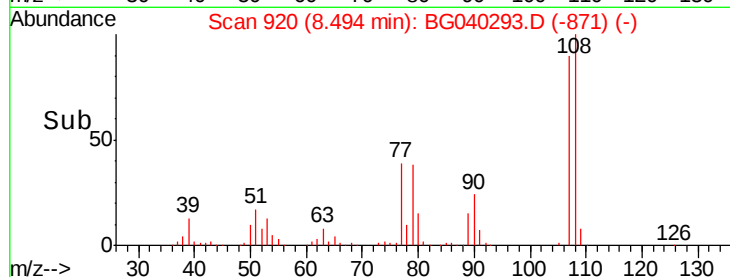


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.704 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

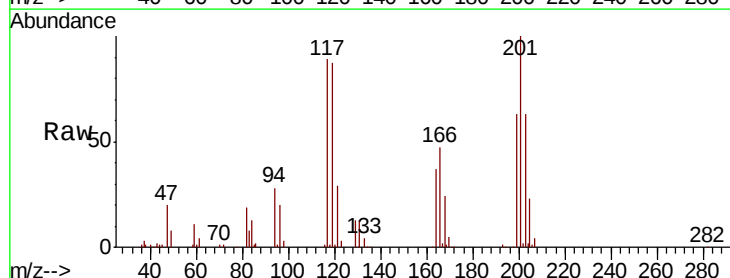
Tgt Ion:117 Resp: 70097

Ion Ratio Lower Upper

117 100

119 97.5 76.6 115.0

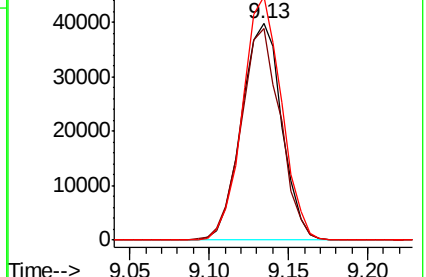
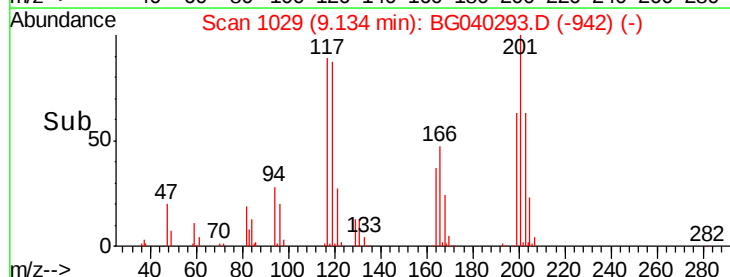
201 112.5 85.0 127.4

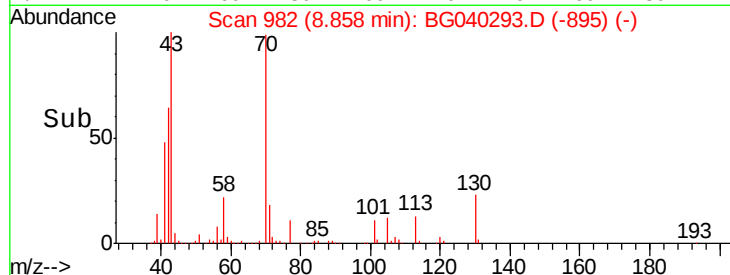
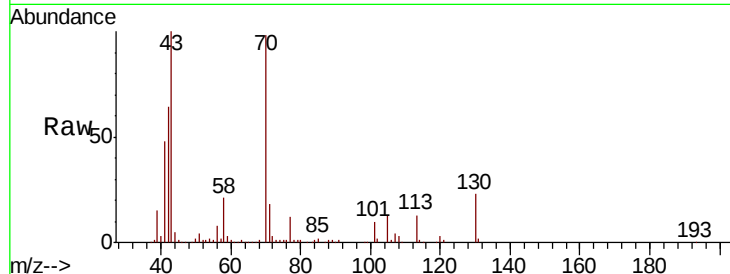
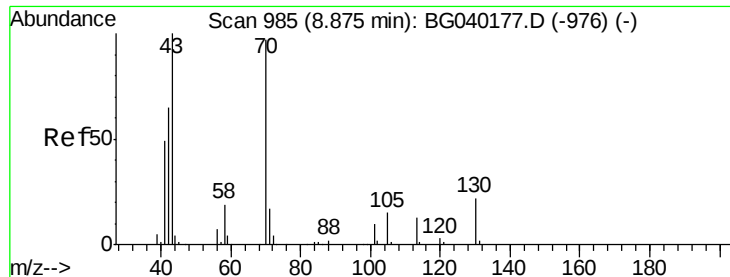


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

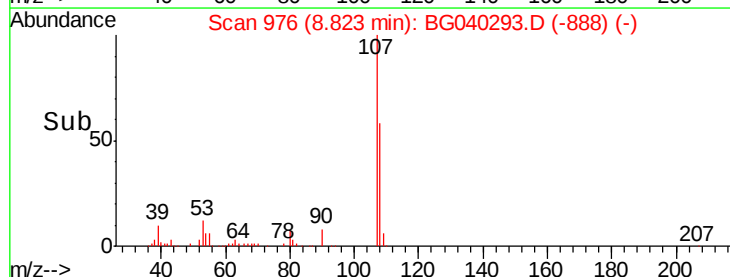
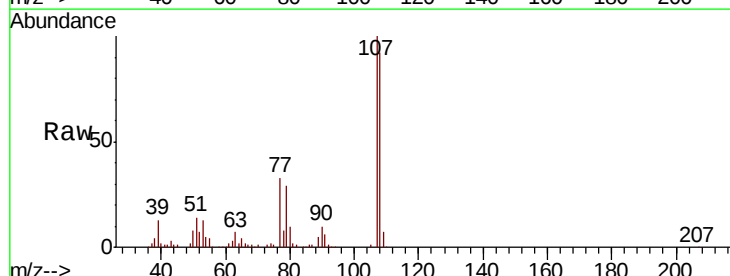
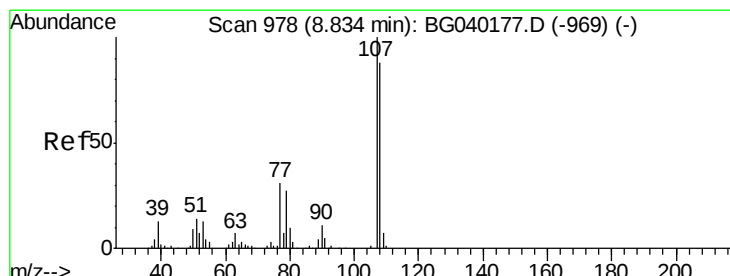
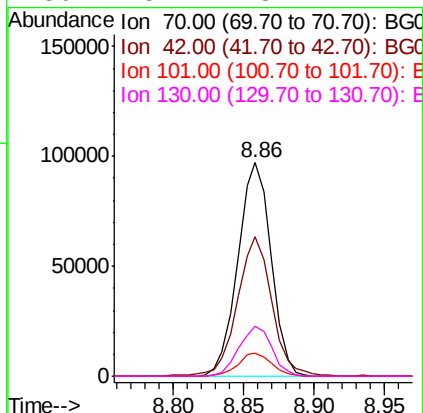




#19
n-Nitroso-di-n-propylamine
Concen: 45.187 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

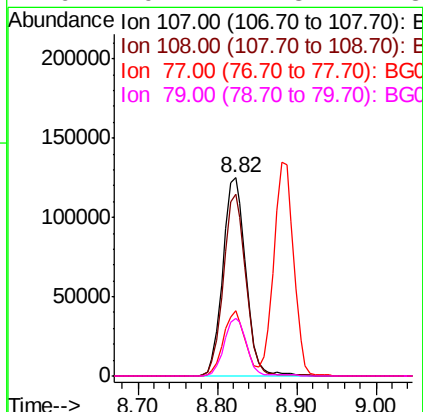
Instrument :
BNA_G
ClientSampleId :

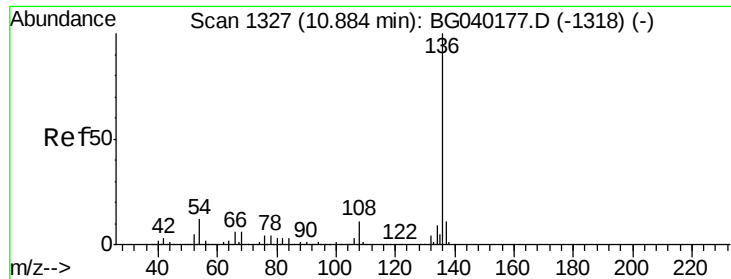
Tot Ion:	70	Resp:	159943
Ion	Ratio	Lower	Upper
70	100		
42	65.1	54.0	81.0
101	10.7	8.6	13.0
130	23.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 49.781 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion:	107	Resp:	250063
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.3	108.3
77	32.8	11.3	51.3
79	29.1	7.3	47.3

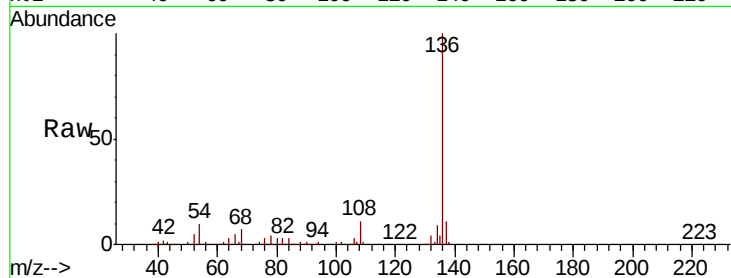




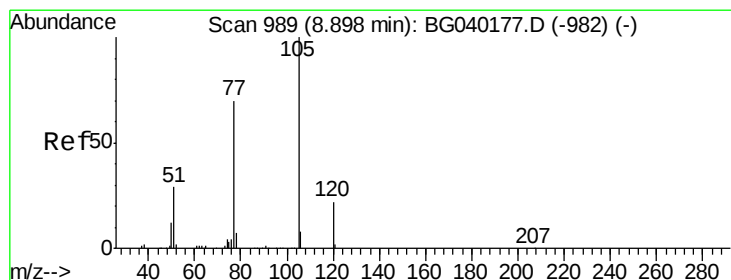
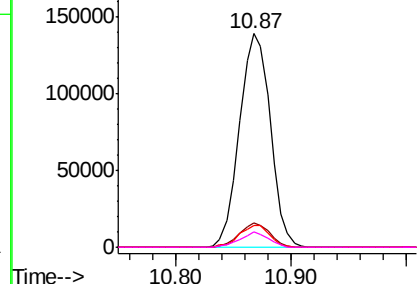
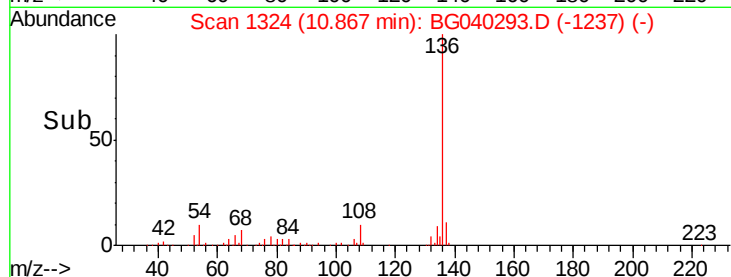
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	258004
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.9 13.3
54	10.2	9.6 14.4
68	7.1	5.1 7.7

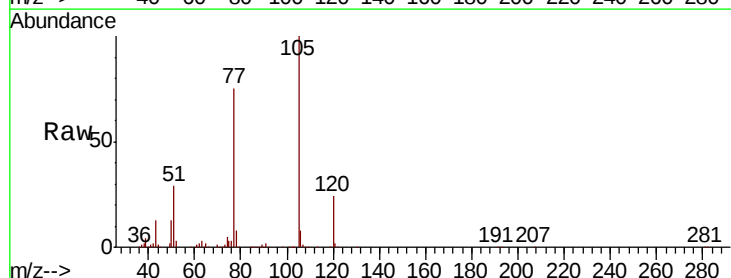


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

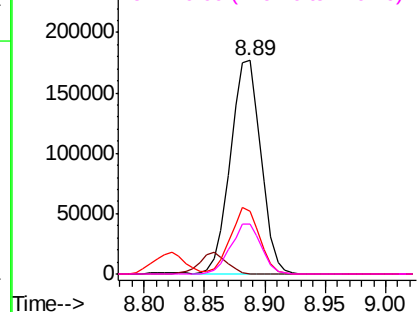
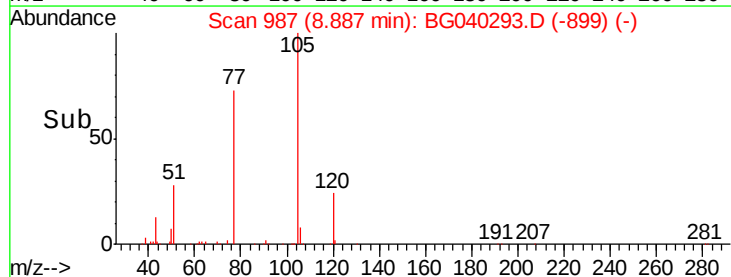


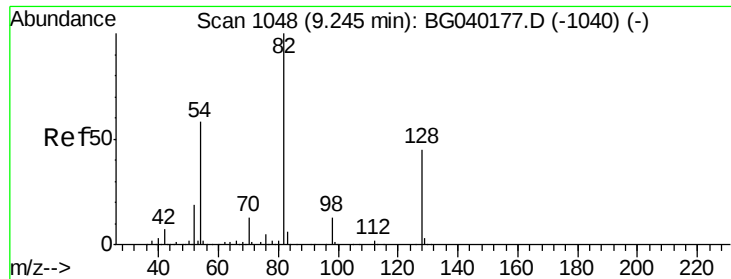
#22
Acetophenone
Concen: 48.272 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion:105	Resp:	310674
Ion	Ratio	Lower Upper
105	100	
71	0.2	0.6 1.0#
51	29.3	25.1 37.7
120	23.6	17.6 26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

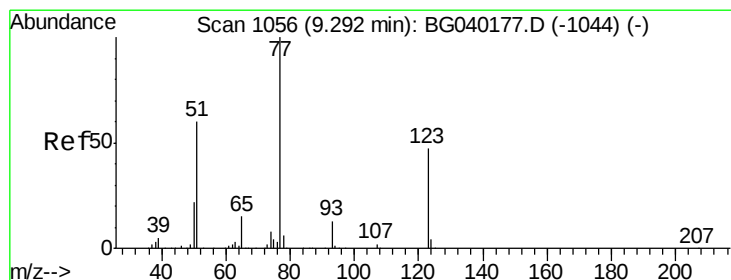
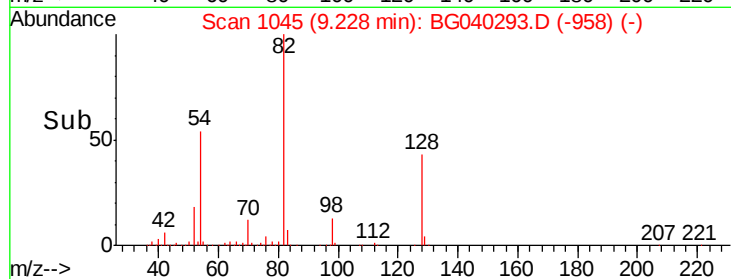
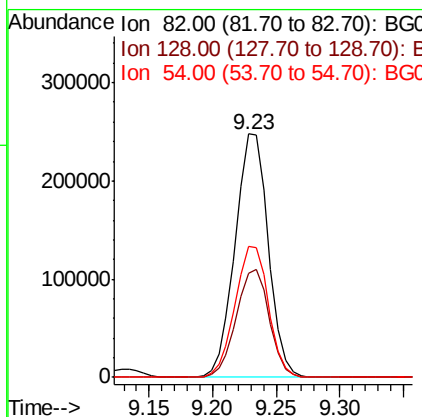
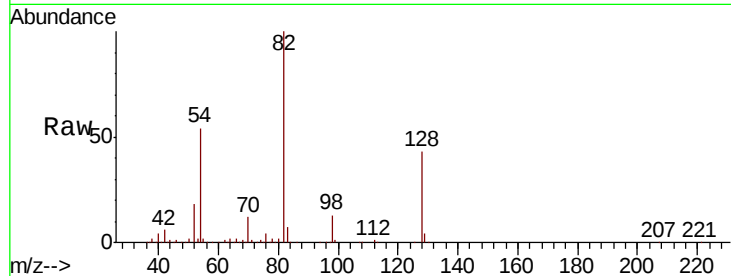




#23
 Nitrobenzene-d5
 Concen: 92.619 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

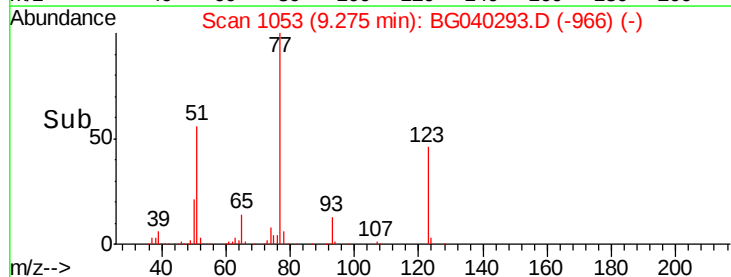
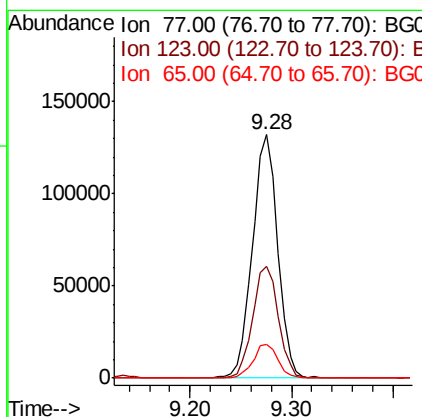
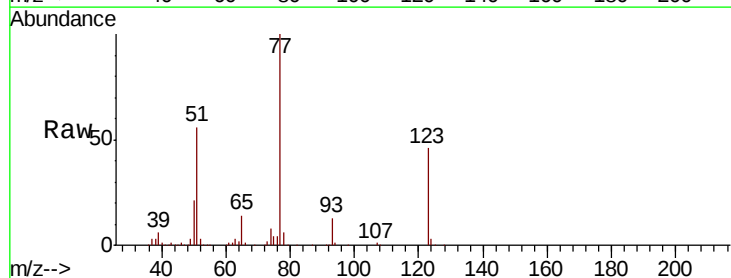
Instrument :
 BNA_G
 ClientSampleId :

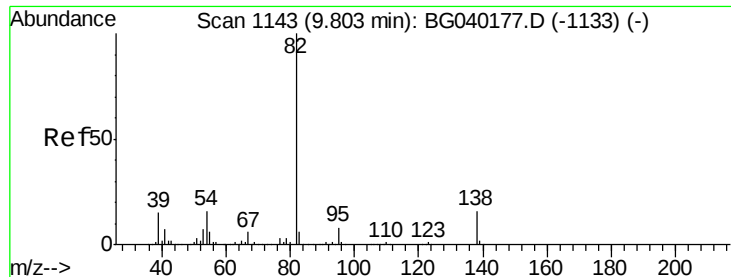
Tot Ion	82	Resp	449567
Ion Ratio	Lower	Upper	
82	100		
128	42.8	35.8	53.8
54	53.8	46.2	69.2



#24
 Nitrobenzene
 Concen: 45.513 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	77	Resp	228768
Ion Ratio	Lower	Upper	
77	100		
123	46.0	37.8	56.6
65	14.0	12.0	18.0





#25

Isophorone

Concen: 47.363 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

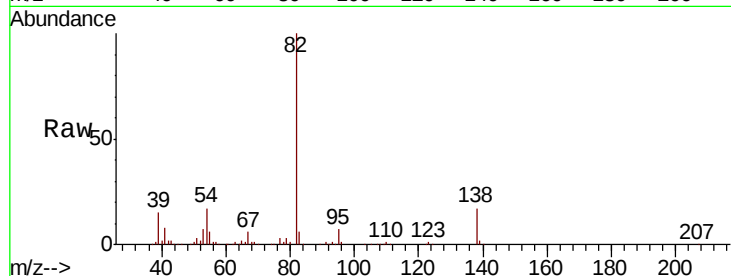
Tot Ion: 82 Resp: 473035

Ion Ratio Lower Upper

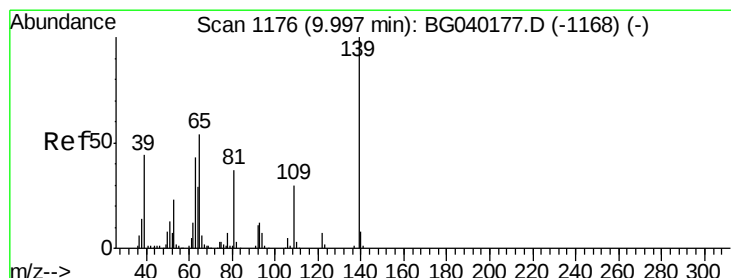
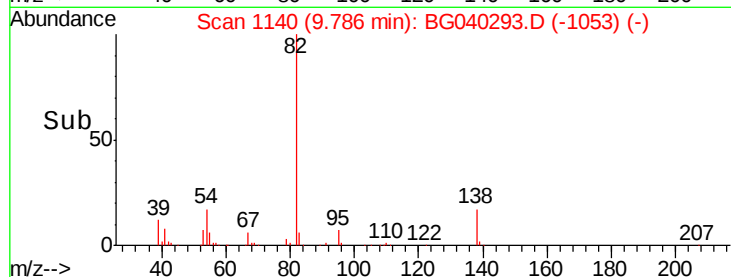
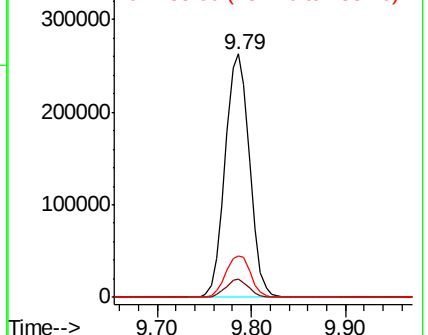
82 100

95 7.3 6.1 9.1

138 17.0 13.2 19.8



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



#26

2-Nitrophenol

Concen: 47.832 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

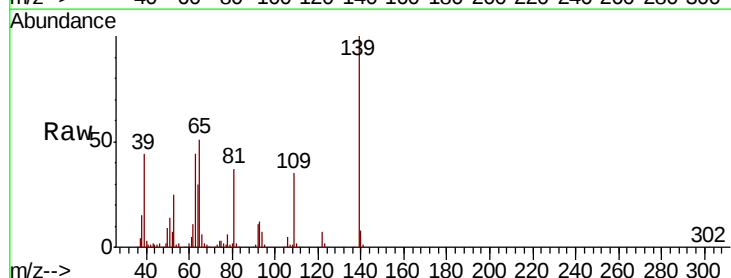
Tgt Ion: 139 Resp: 113922

Ion Ratio Lower Upper

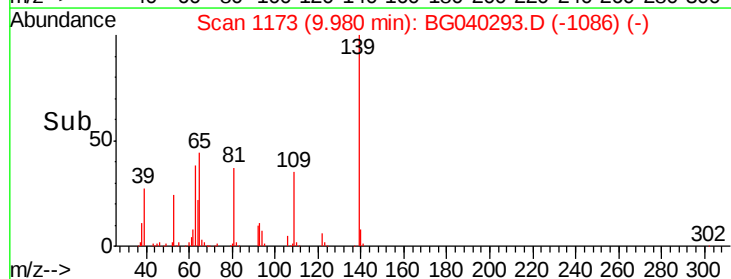
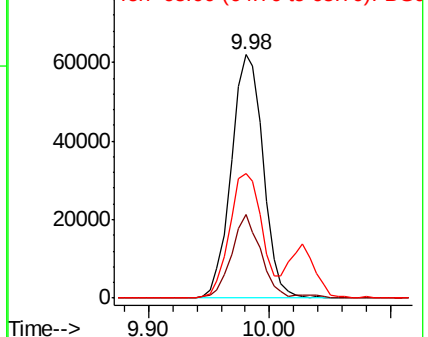
139 100

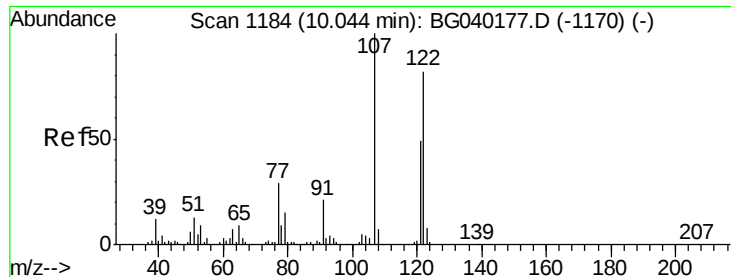
109 34.5 24.1 36.1

65 51.1 43.0 64.6



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

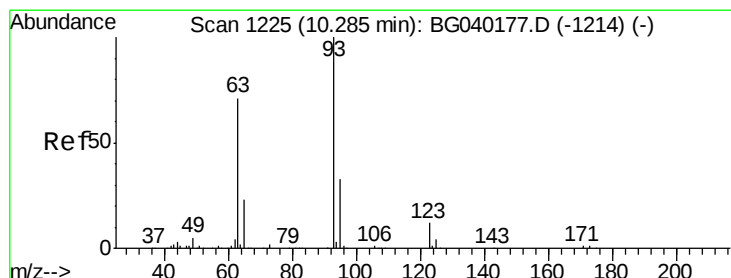
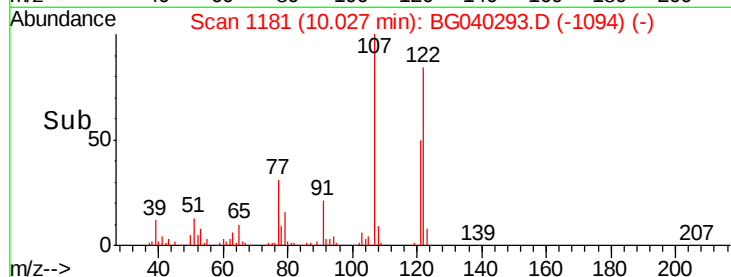
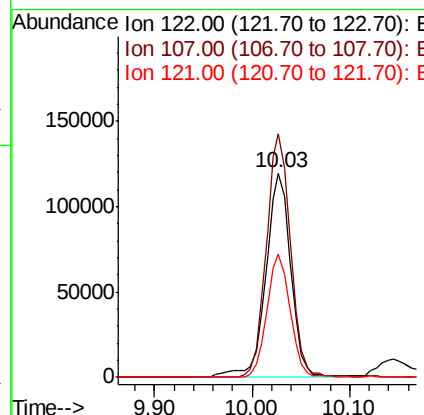
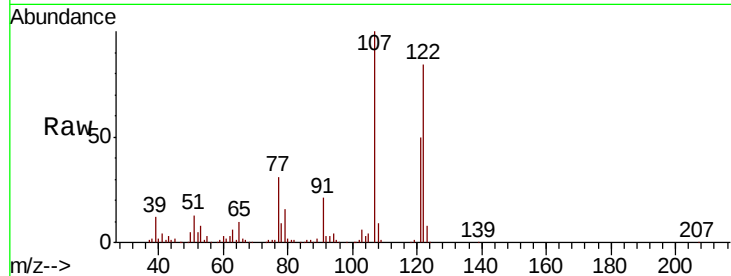




#27
 2,4-Dimethylphenol
 Concen: 56.847 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

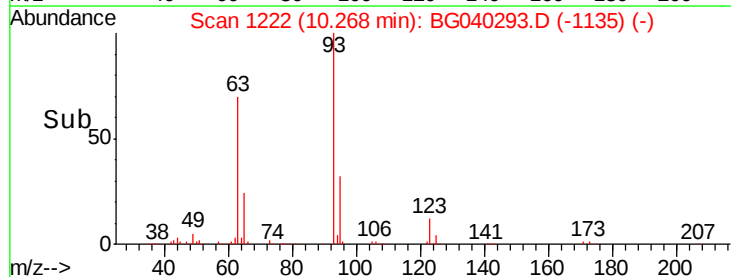
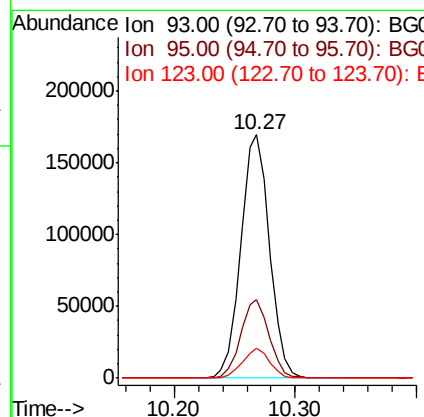
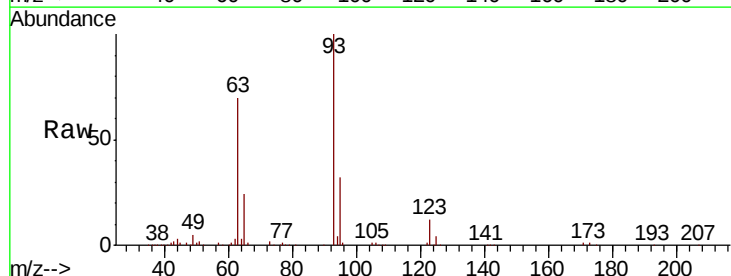
Instrument :
 BNA_G
 ClientSampleId :

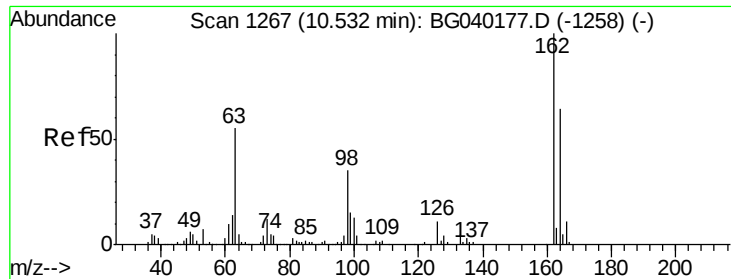
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	97.4	146.2
121	60.0	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.524 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.4
123	12.2	9.4	14.0

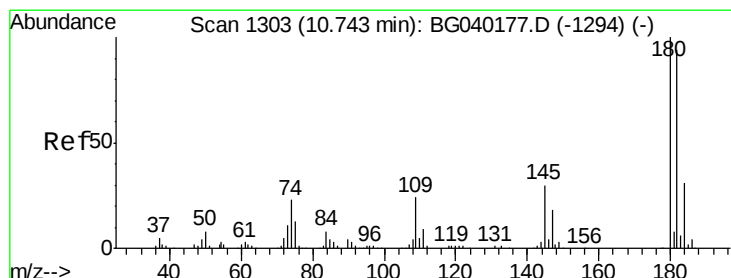
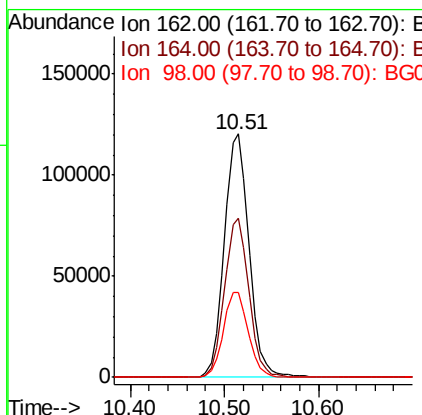
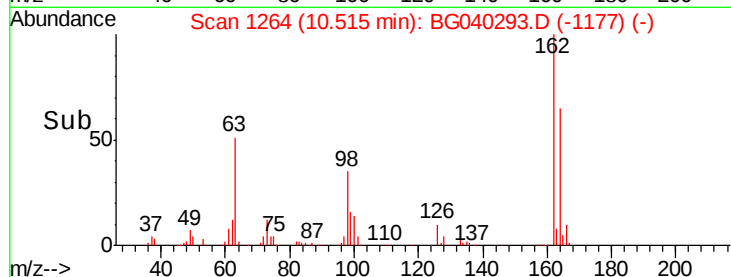
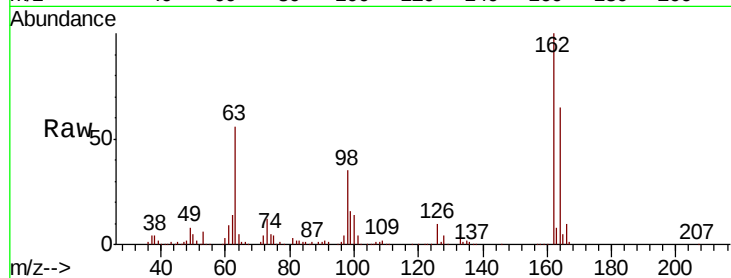




#29
 2,4-Dichlorophenol
 Concen: 53.496 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

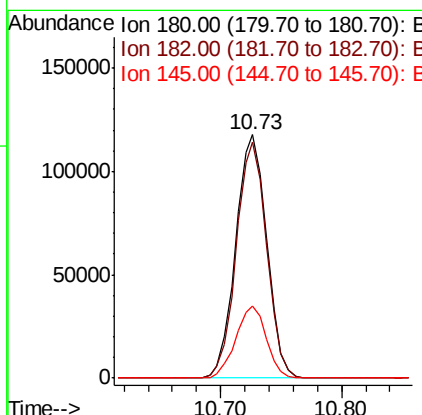
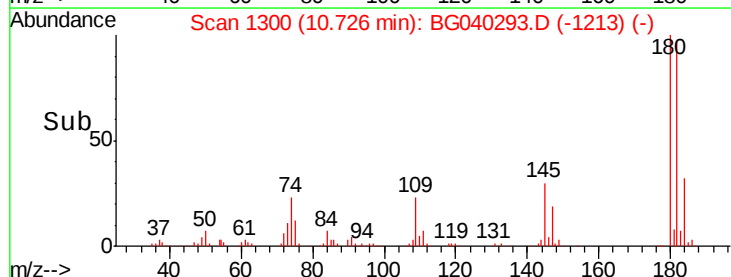
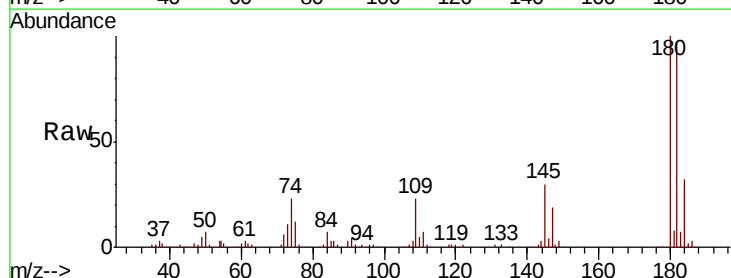
Instrument :
 BNA_G
 ClientSampleId :

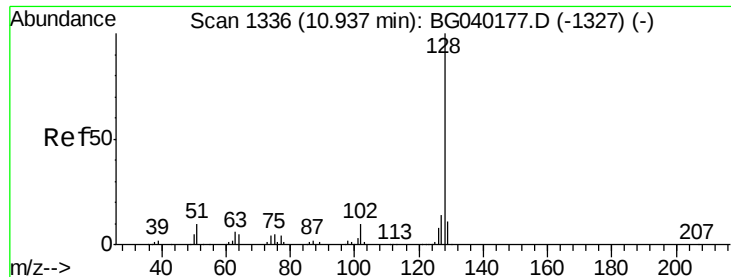
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.9	83.9
98	34.9	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 46.614 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.1	112.7
145	29.7	24.1	36.1

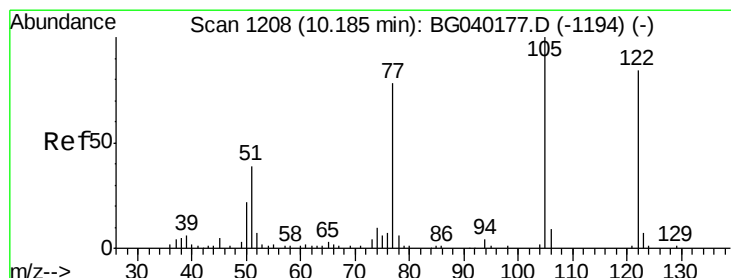
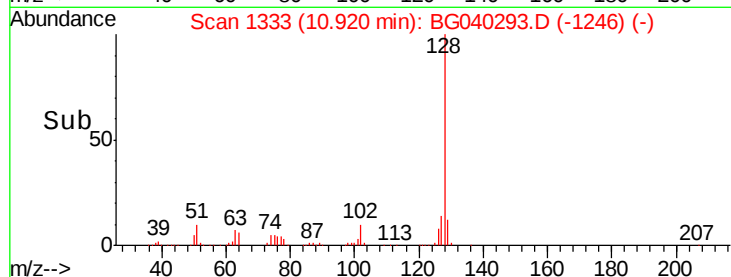
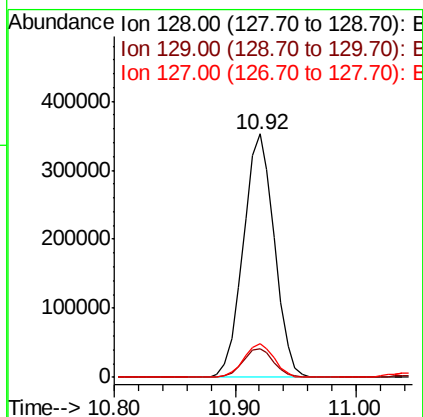
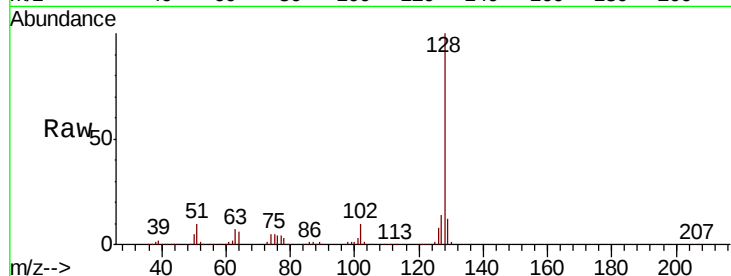




#31
Naphthalene
Concen: 47.769 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

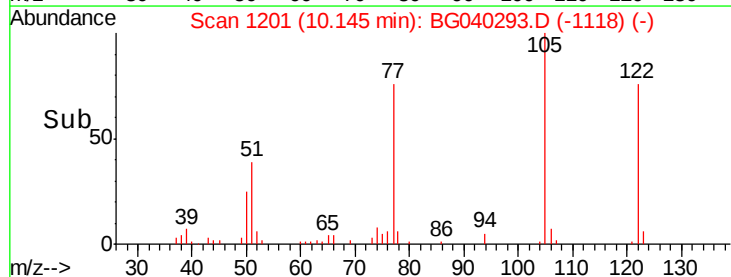
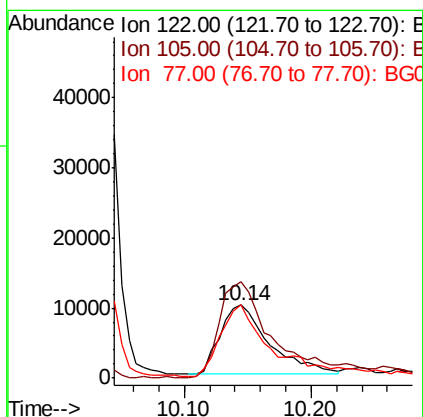
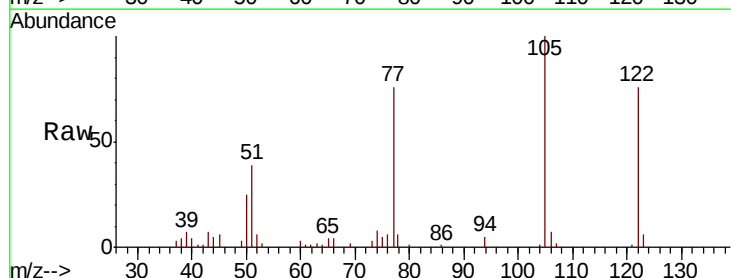
Instrument :
BNA_G
ClientSampleId :

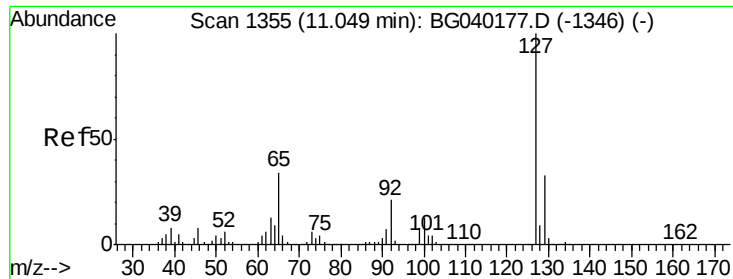
Tot Ion:128 Resp: 631723
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 11.475 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.04 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion:122 Resp: 26229
Ion Ratio Lower Upper
122 100
105 131.8 98.2 138.2
77 100.3 73.6 113.6

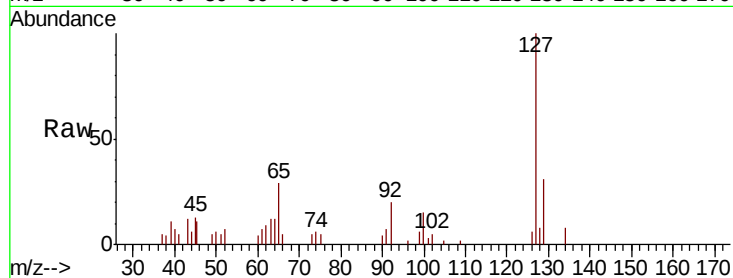




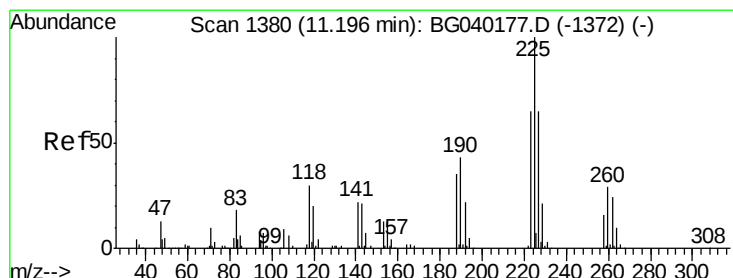
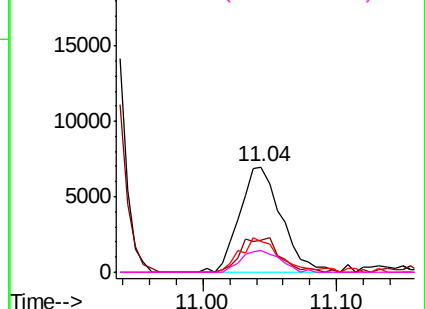
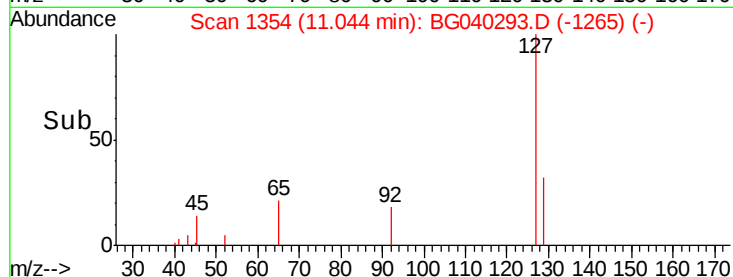
#33
4-Chloroaniline
Concen: 2.670 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	15061
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.6	40.0
65	29.0	27.0	40.4
92	20.4	16.6	25.0

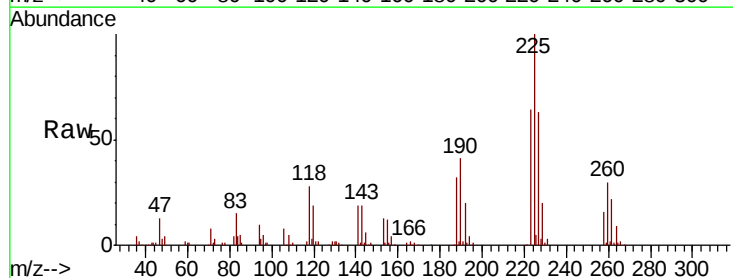


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

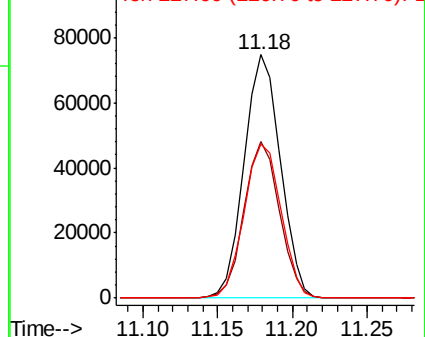
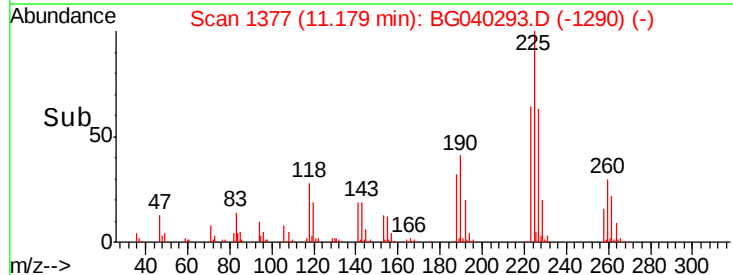


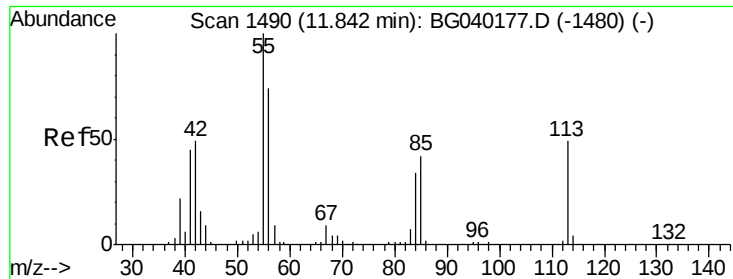
#34
Hexachlorobutadiene
Concen: 43.647 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion:	225	Resp:	125866
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.8	77.8
227	63.2	54.9	82.3



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

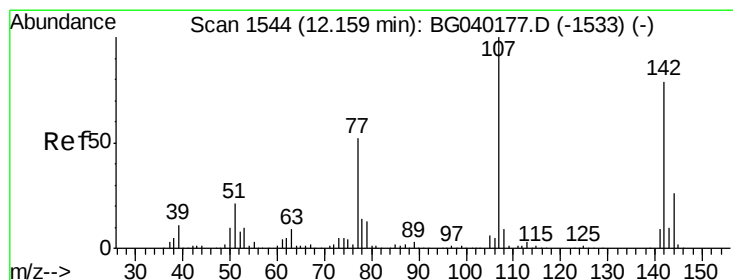
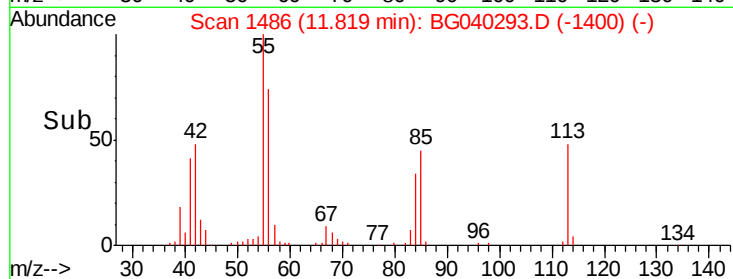
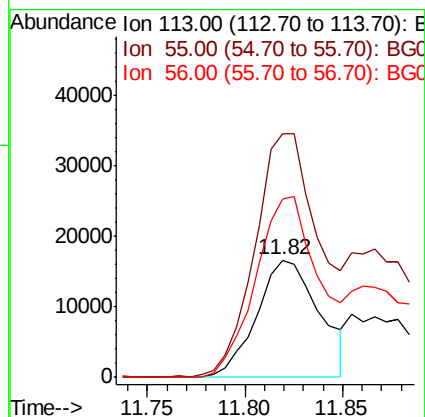
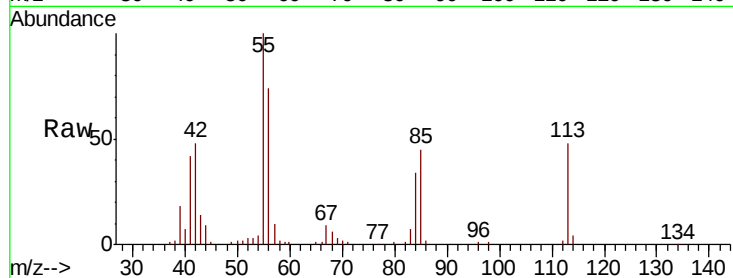




#35
 Caprolactam
 Concen: 22.615 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

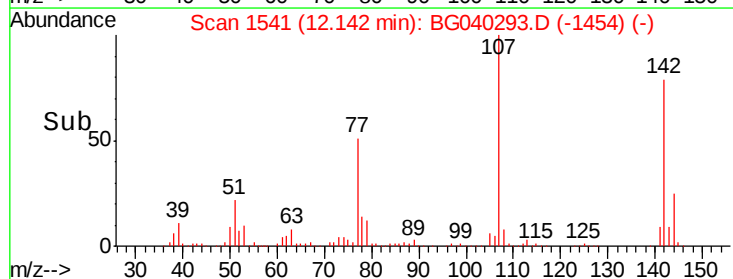
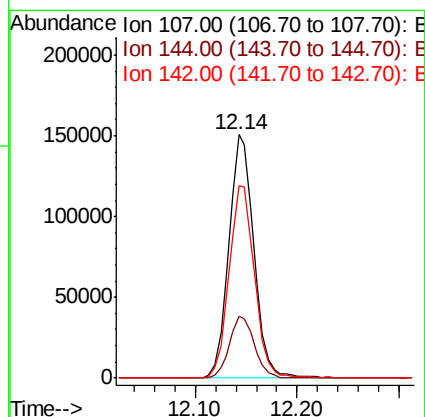
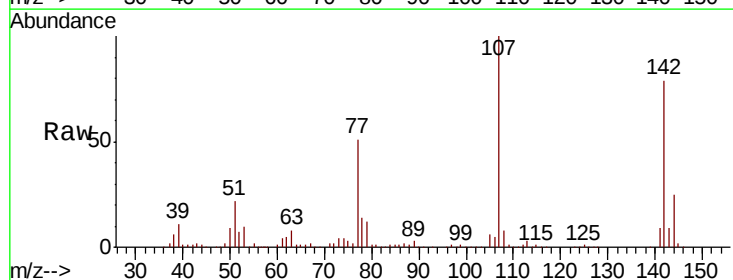
Instrument :
 BNA_G
 ClientSampleId :

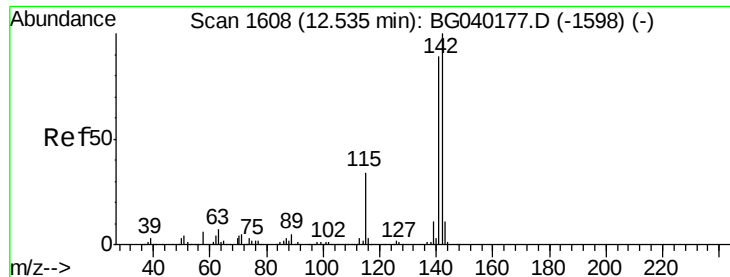
Tot Ion:113 Resp: 36853
 Ion Ratio Lower Upper
 113 100
 55 207.8 184.2 224.2
 56 152.7 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 54.471 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion:107 Resp: 257149
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 79.0 63.1 94.7

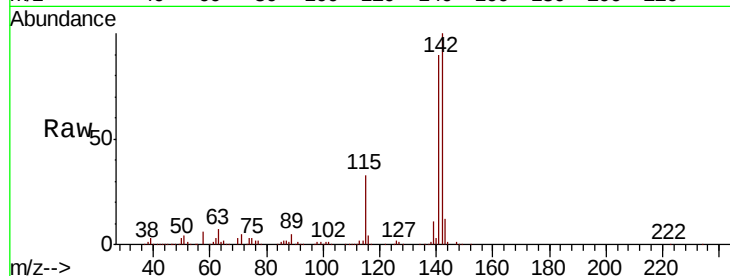




#37
 2-Methylnaphthalene
 Concen: 50.287 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	33.0	27.3	40.9

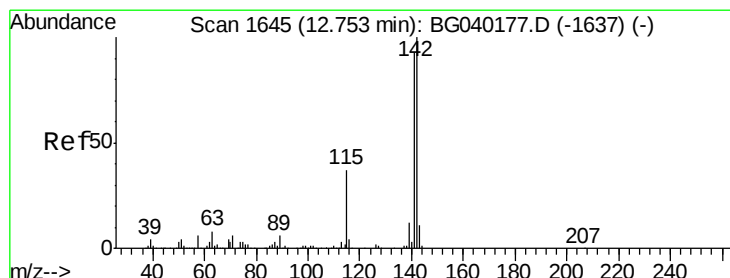
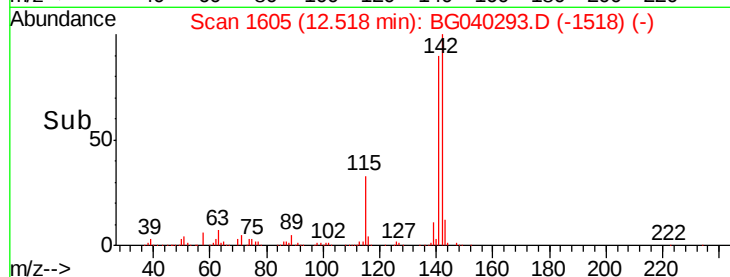
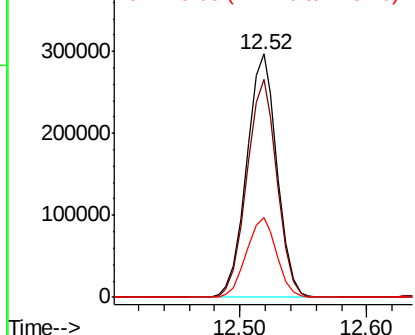


Abundance

Ion 142.00 (141.70 to 142.70): E

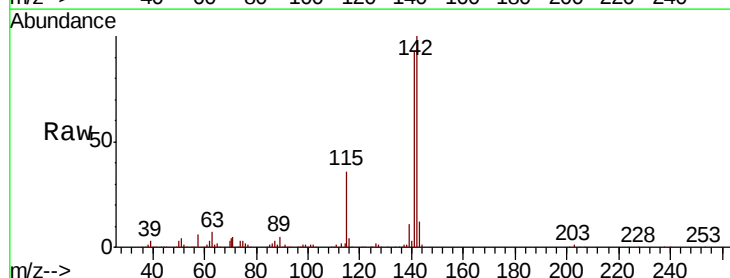
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 49.843 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	3.6	3.0	4.4

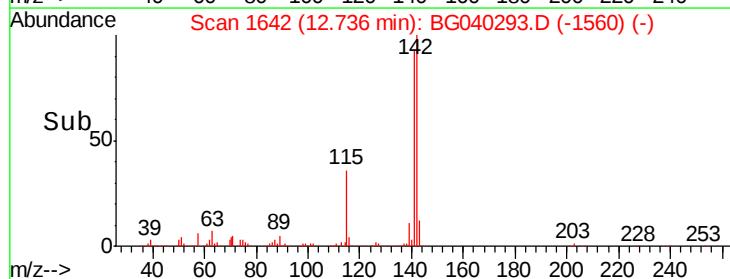
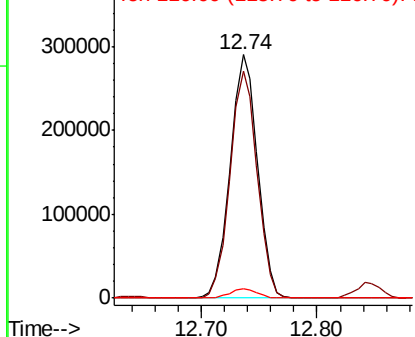


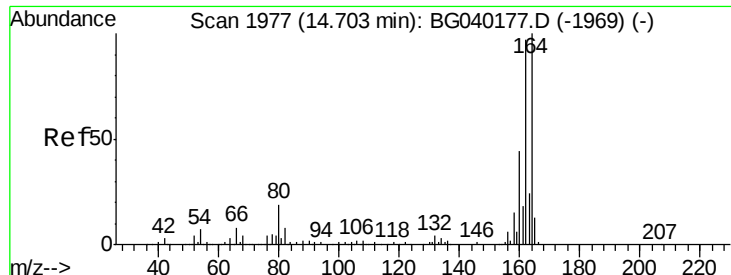
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

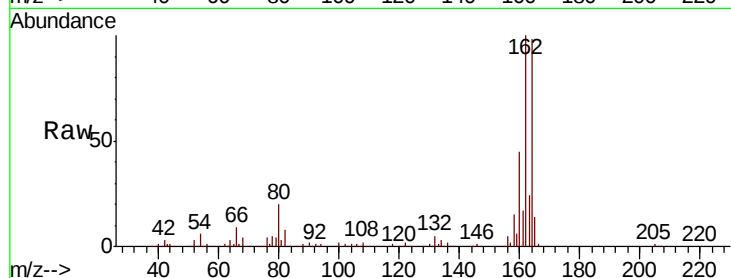
Tot Ion:164 Resp: 178070

Ion Ratio Lower Upper

164 100

162 101.9 77.4 116.2

160 45.7 35.3 52.9

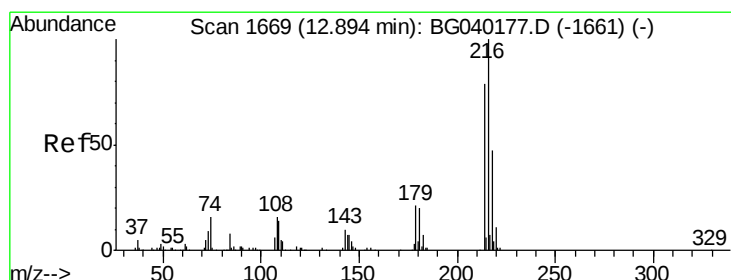
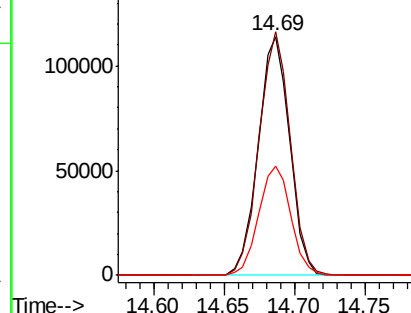
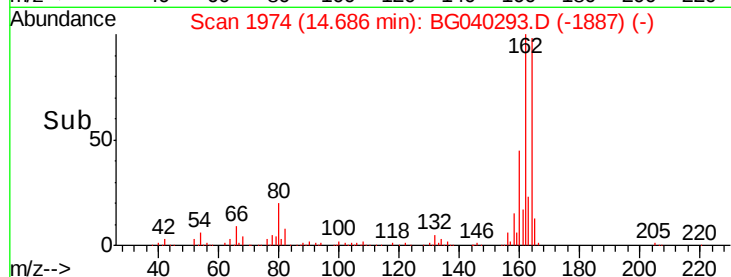


Abundance

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: 44.718 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Tgt Ion:216 Resp: 253088

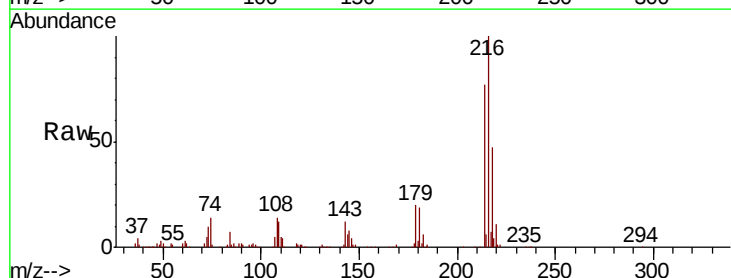
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 20.6 16.6 25.0

108 18.3 13.8 20.8



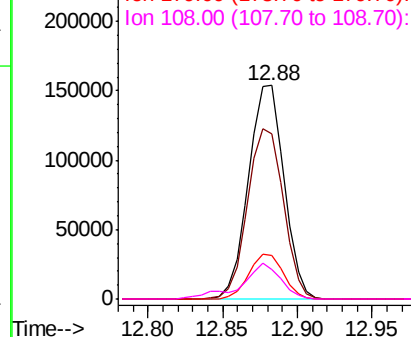
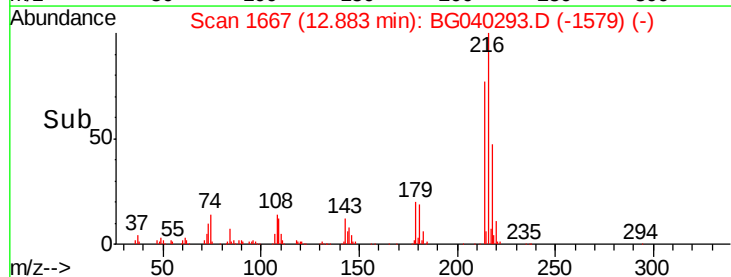
Abundance

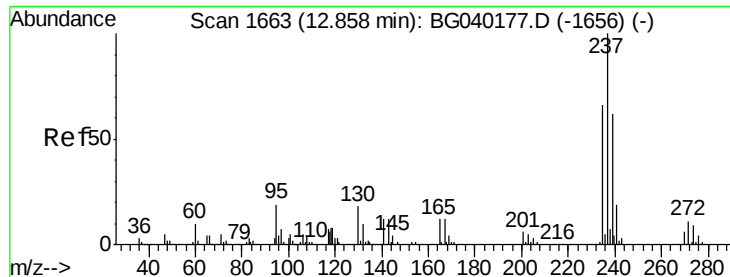
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.436 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

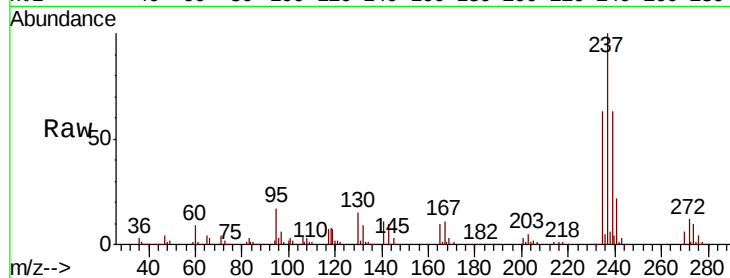
Tot Ion:237 Resp: 256177

Ion Ratio Lower Upper

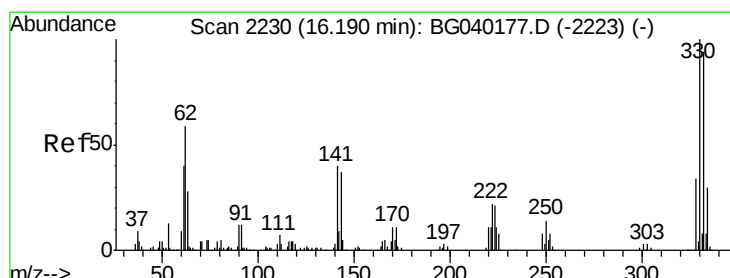
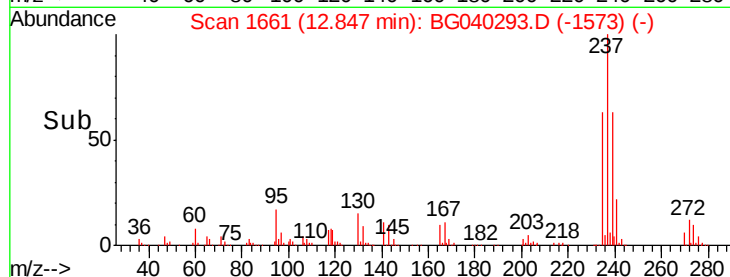
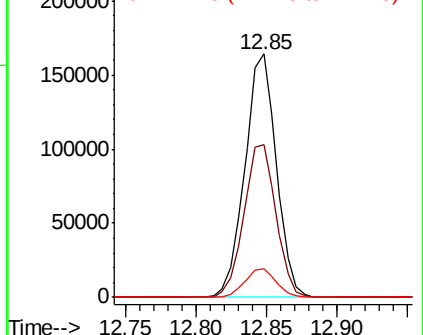
237 100

235 62.7 46.2 86.2

272 11.6 0.0 30.5



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: 165.210 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

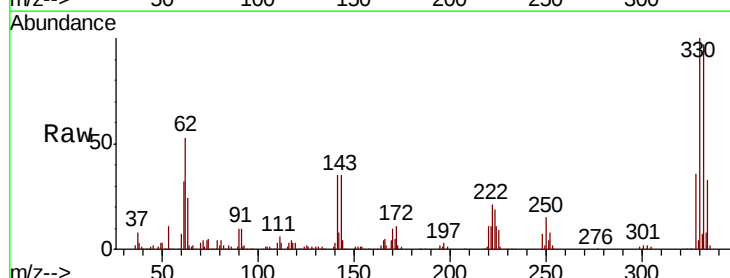
Tgt Ion:330 Resp: 317943

Ion Ratio Lower Upper

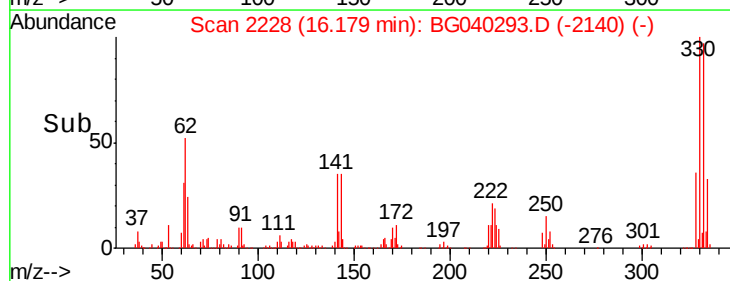
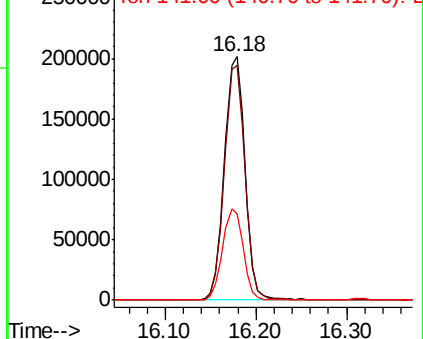
330 100

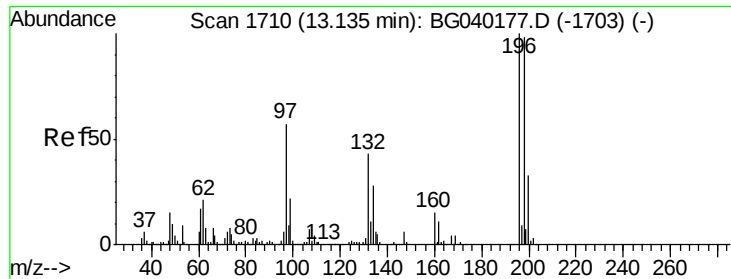
332 96.3 76.6 115.0

141 37.5 32.6 48.8



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

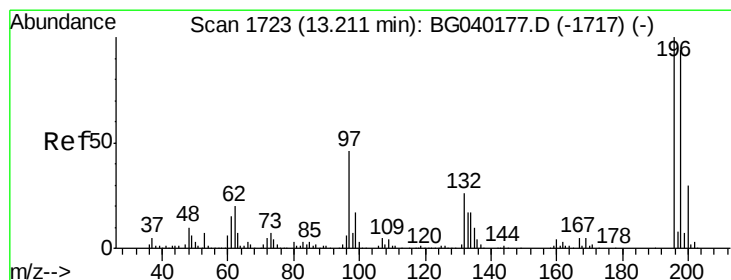
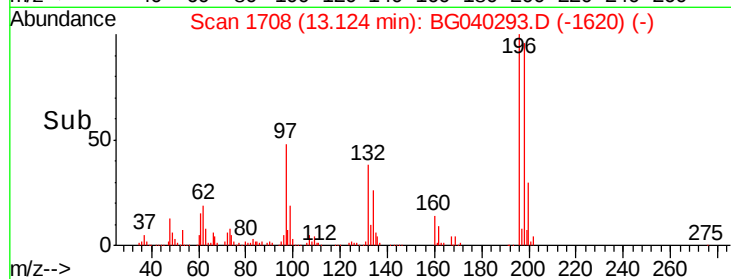
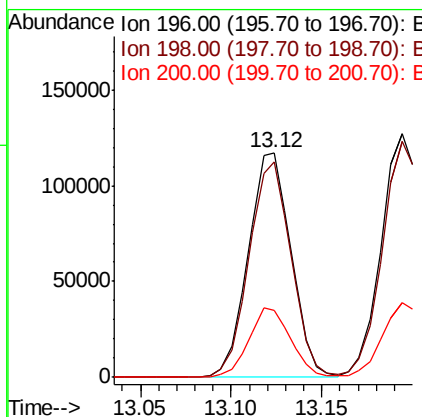
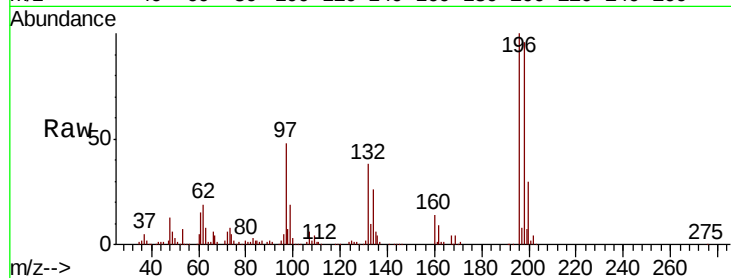




#43
 2,4,6-Trichlorophenol
 Concen: 52.545 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

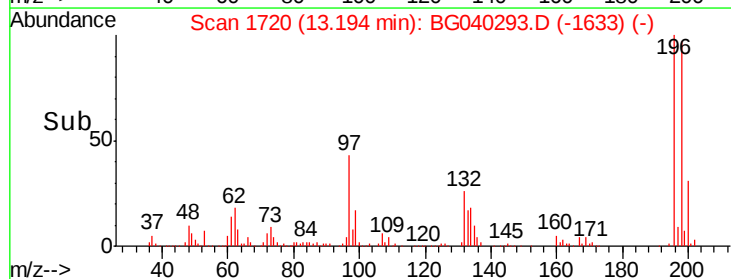
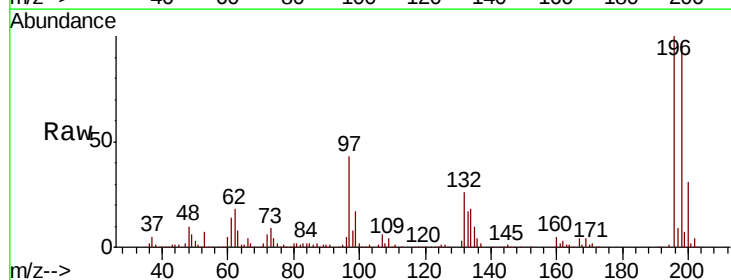
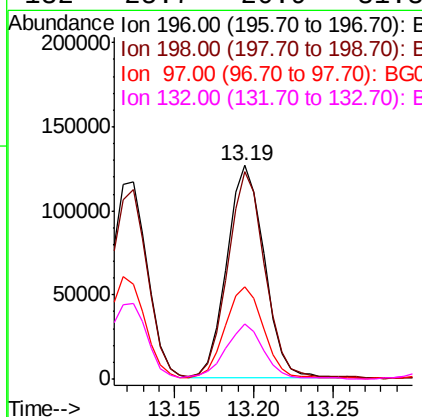
Instrument :
 BNA_G
 ClientSampleId :

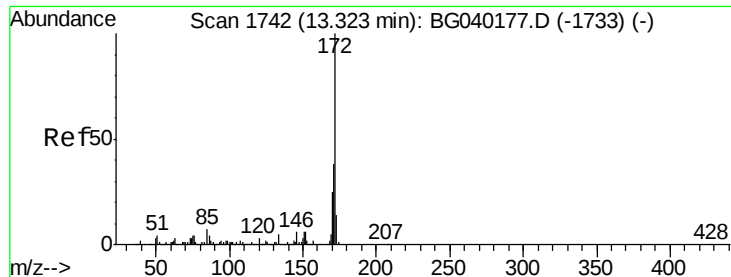
Tot Ion	196	Resp	191737
Ion Ratio	Lower	Upper	
196	100		
198	96.0	78.3	117.5
200	29.9	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 52.190 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	196	Resp	207576
Ion Ratio	Lower	Upper	
196	100		
198	97.1	75.0	112.6
97	43.2	37.3	55.9
132	25.7	20.9	31.3

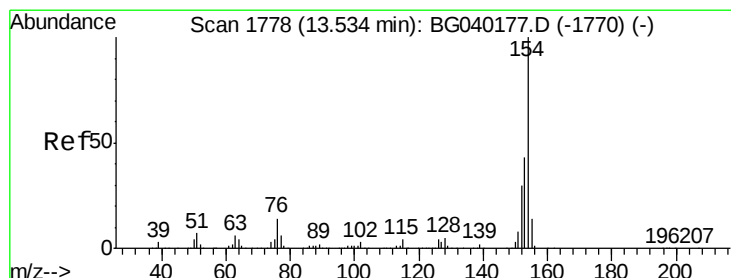
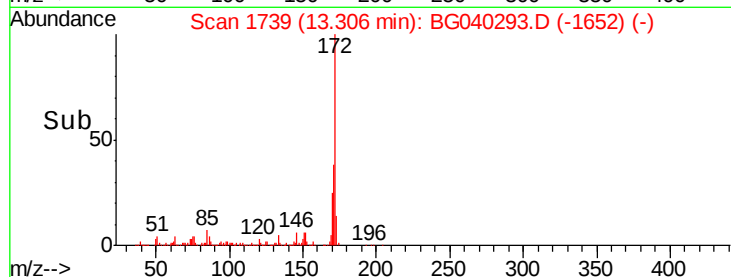
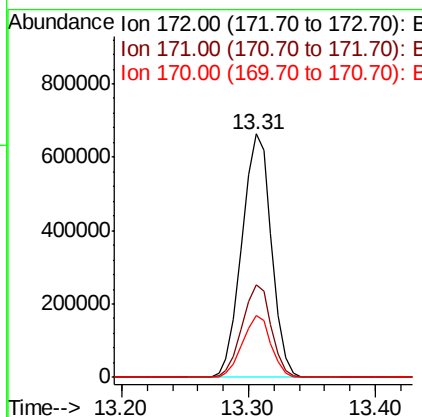
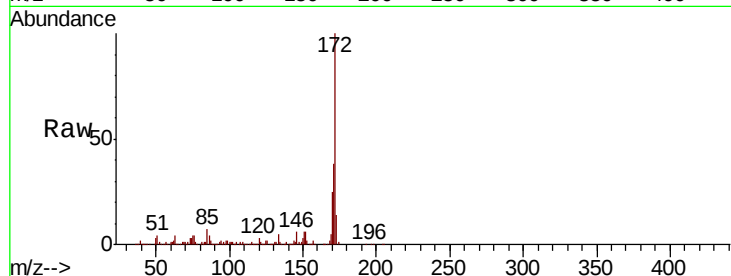




#45
2-Fluorobiphenyl
Concen: 88.821 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

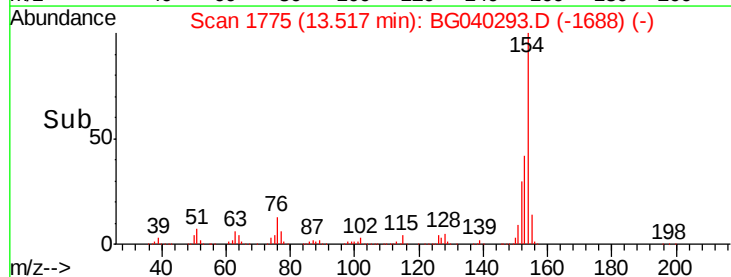
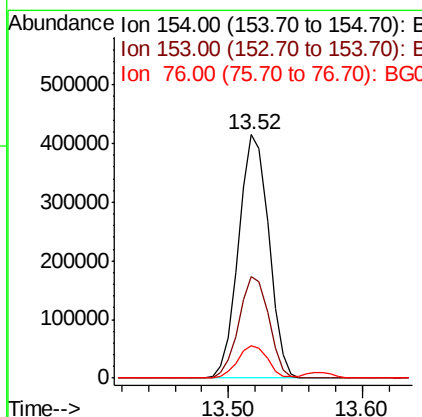
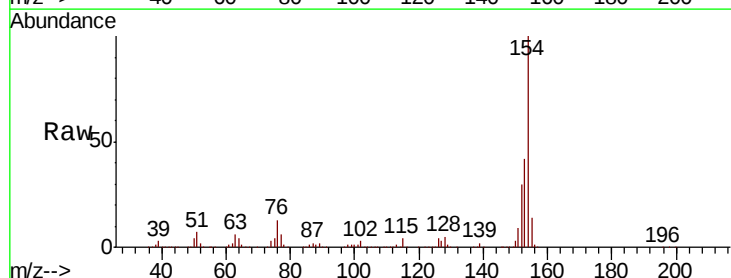
Instrument :
BNA_G
ClientSampleId :

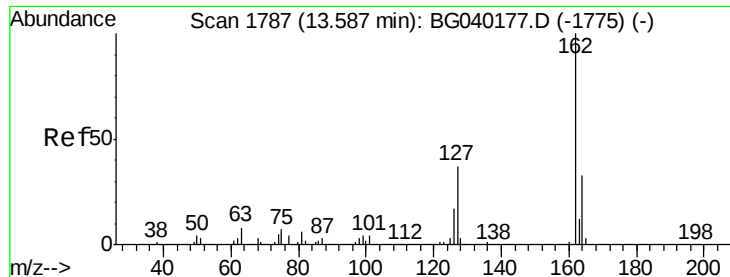
Tot Ion:172 Resp: 1067400
Ion Ratio Lower Upper
172 100
171 37.8 30.5 45.7
170 25.2 20.1 30.1



#46
1,1'-Biphenyl
Concen: 46.129 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion:154 Resp: 649034
Ion Ratio Lower Upper
154 100
153 41.8 22.5 62.5
76 13.4 0.0 33.7

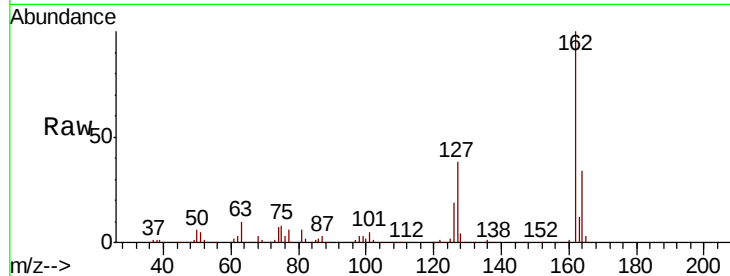




#47
 2-Chloronaphthalene
 Concen: 46.758 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.6	45.8
164	34.0	26.2	39.4

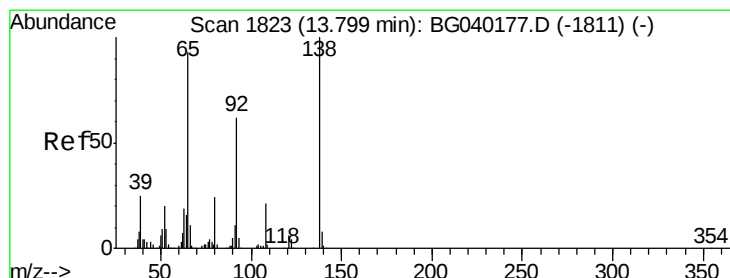
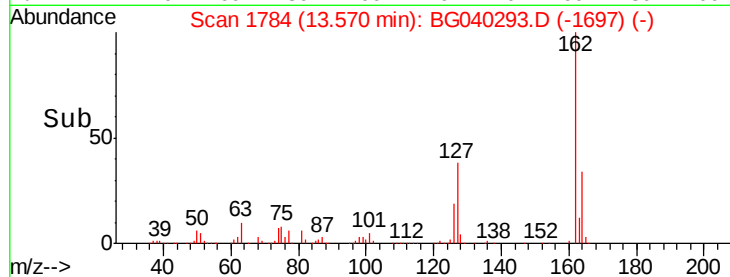
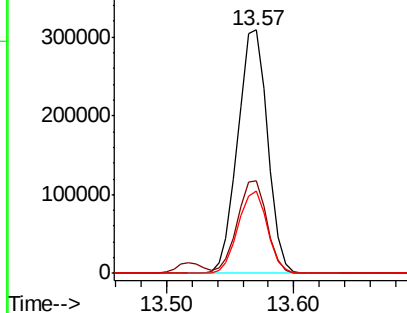


Abundance

Ion 162.00 (161.70 to 162.70): E

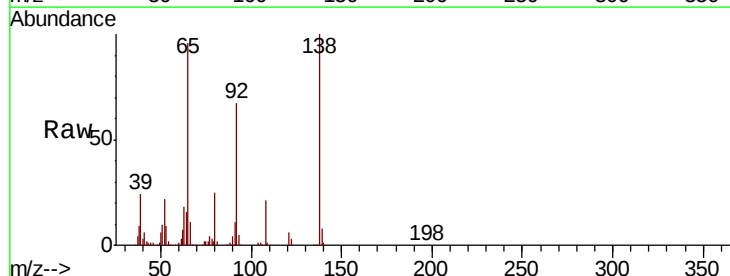
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 49.087 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	53.8	80.6
138	104.6	86.3	129.5

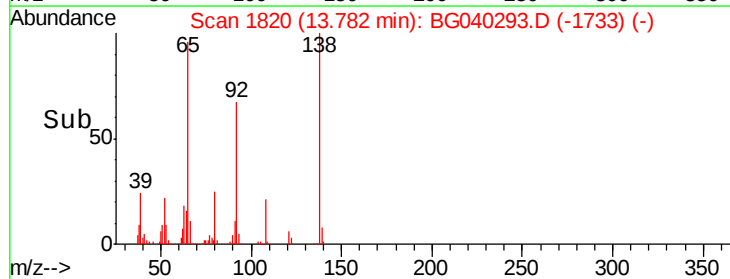
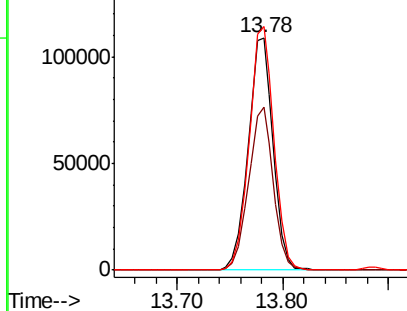


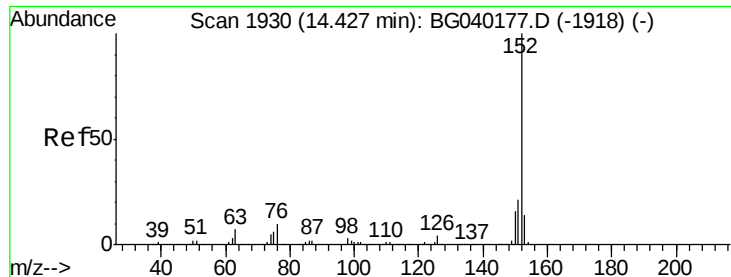
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.660 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

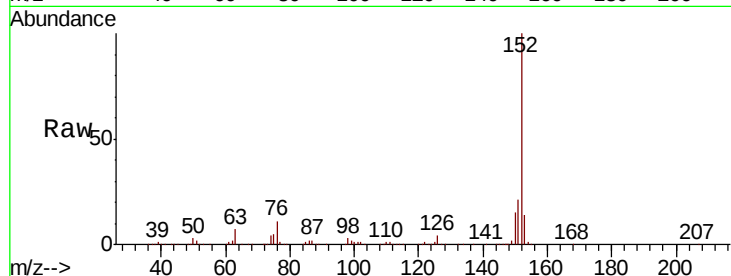
Tot Ion:152 Resp: 853812

Ion Ratio Lower Upper

152 100

151 21.4 17.0 25.6

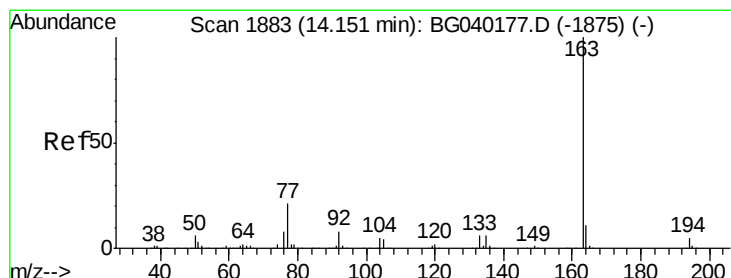
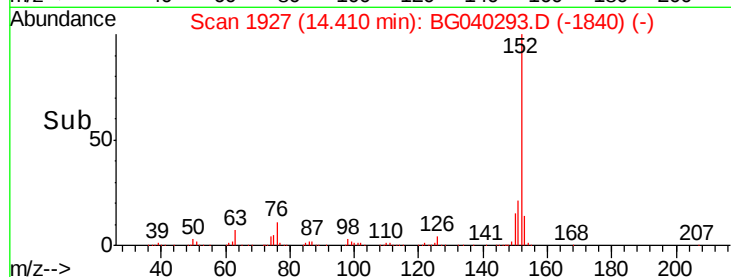
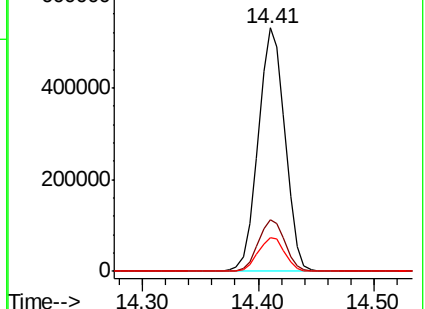
153 13.8 10.8 16.2



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: 48.969 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

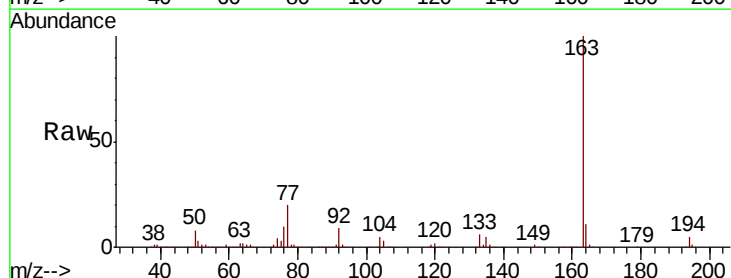
Tgt Ion:163 Resp: 682454

Ion Ratio Lower Upper

163 100

194 4.7 4.1 6.1

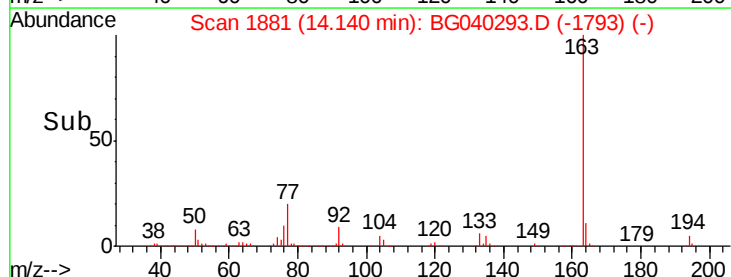
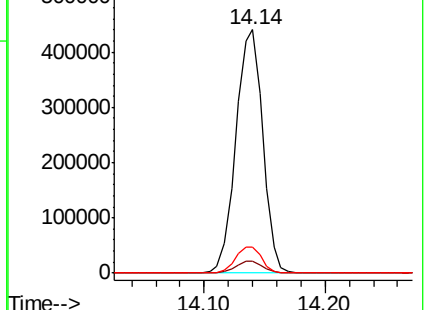
164 10.8 8.6 13.0

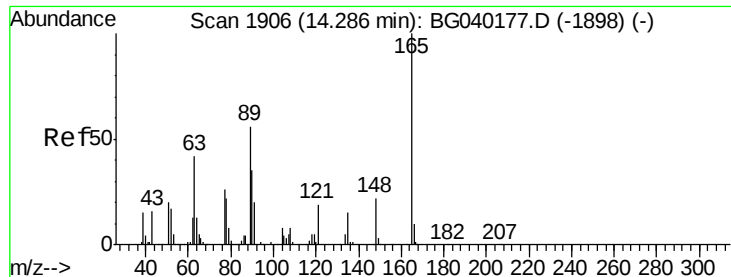


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

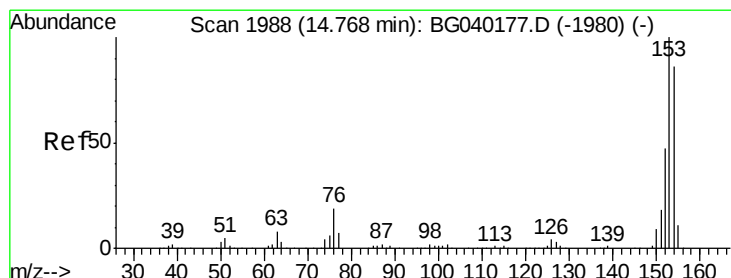
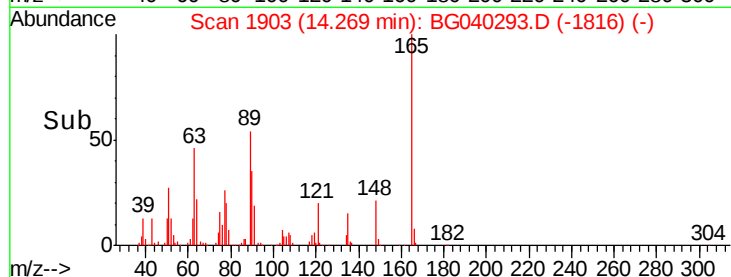
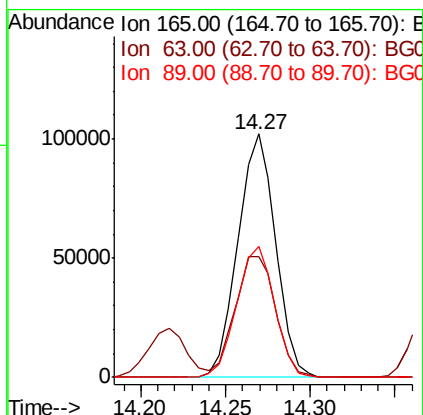
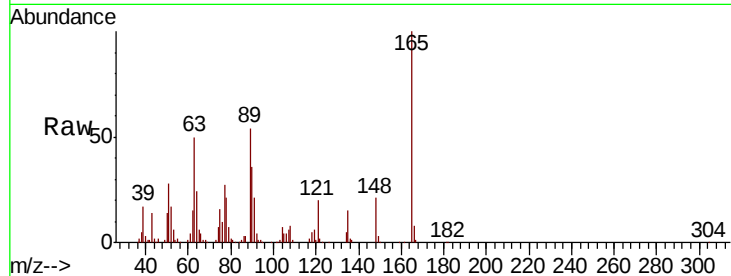




#51
 2,6-Dinitrotoluene
 Concen: 50.504 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

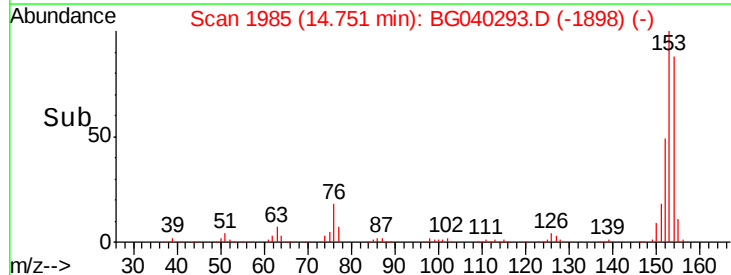
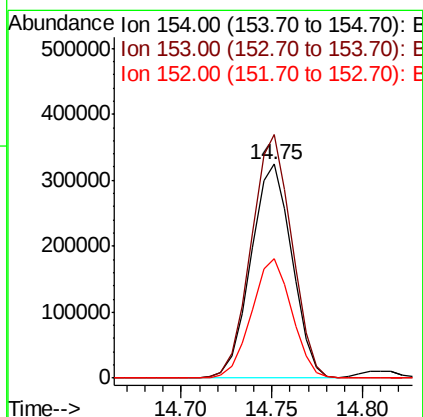
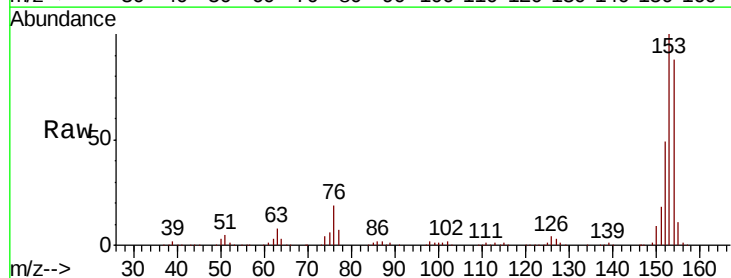
Instrument :
 BNA_G
 ClientSampleId :

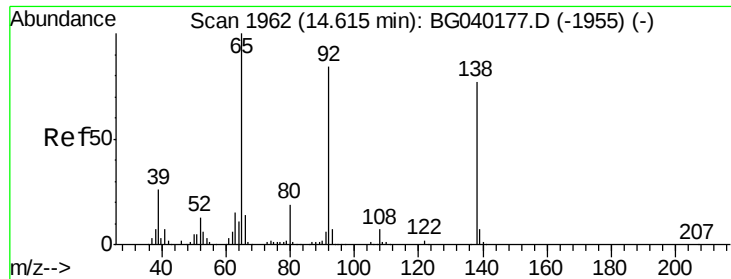
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.8	44.1	66.1
89	53.9	44.9	67.3



#52
 Acenaphthene
 Concen: 48.580 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	92.8	139.2
152	56.1	43.4	65.2

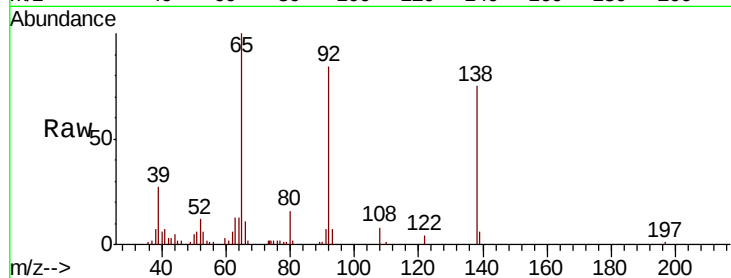




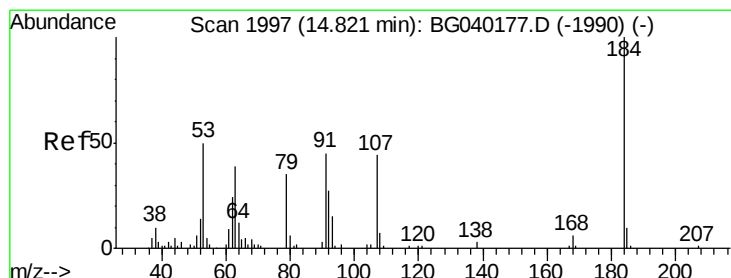
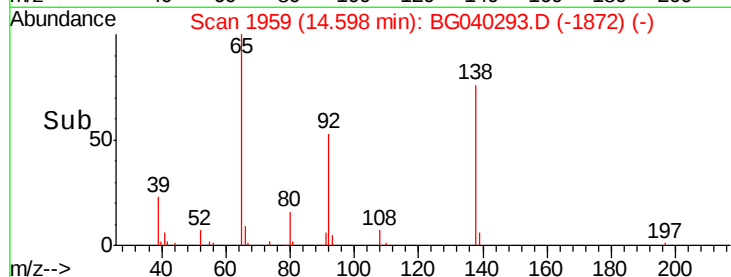
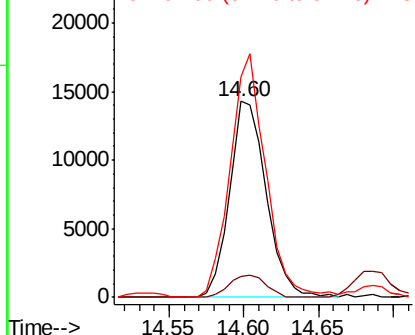
#53
3-Nitroaniline
Concen: 7.394 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 24492
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.8
92 112.4 87.5 131.3

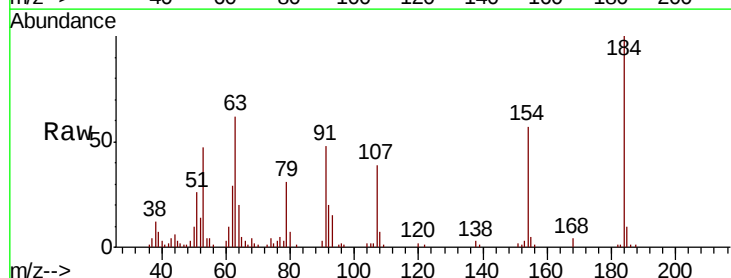


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

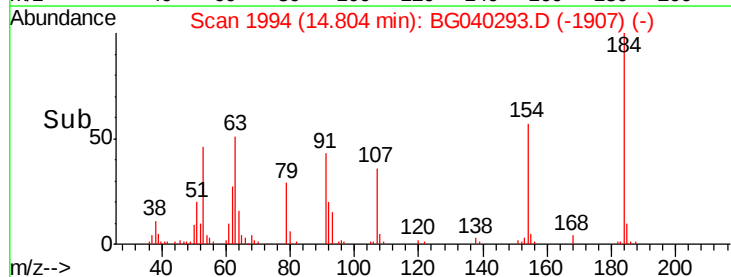
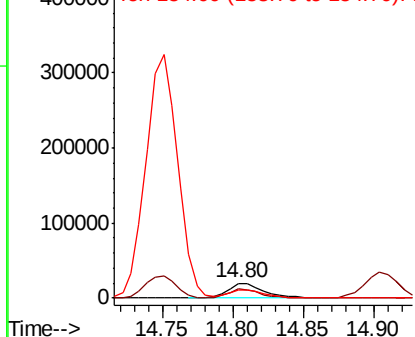


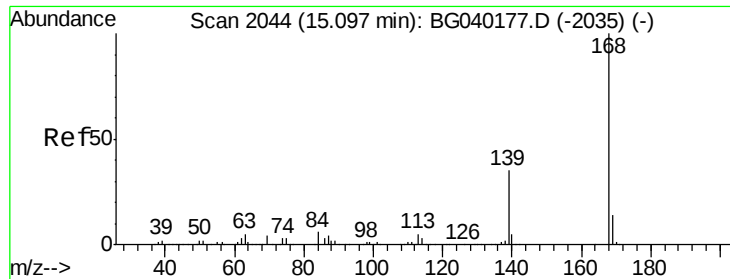
#54
2,4-Dinitrophenol
Concen: 21.225 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion:184 Resp: 35322
Ion Ratio Lower Upper
184 100
63 61.9 51.8 77.8
154 56.6 50.9 76.3



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

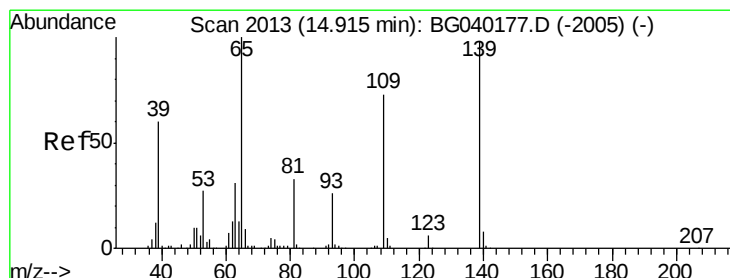
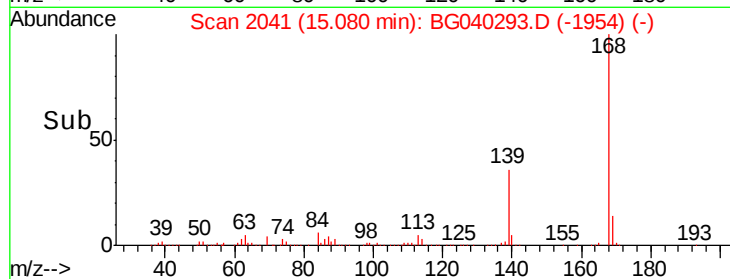
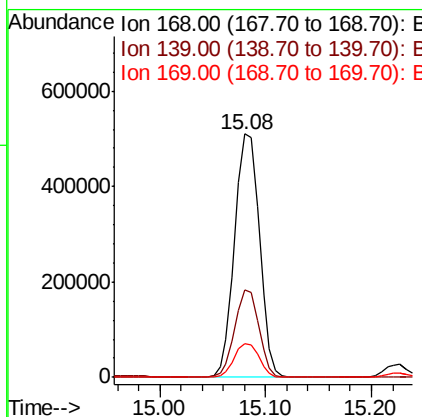
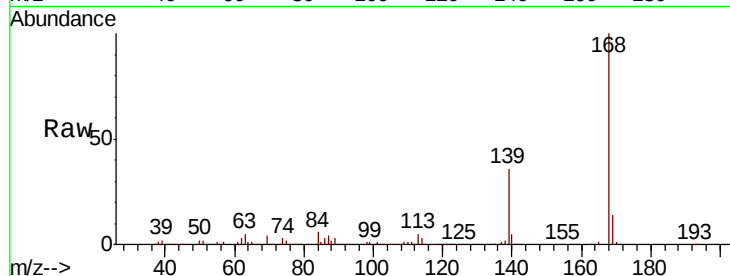




#55
Dibenzofuran
Concen: 49.073 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

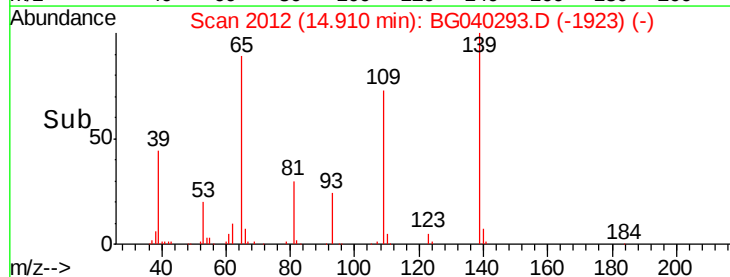
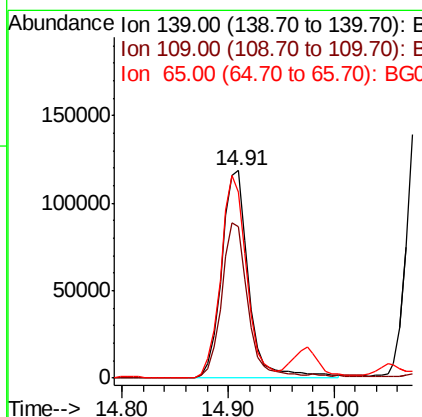
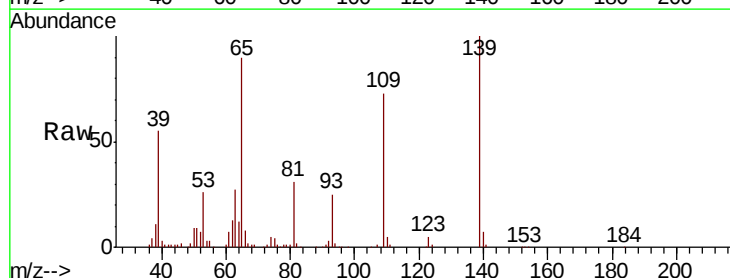
Instrument :
BNA_G
ClientSampleId :

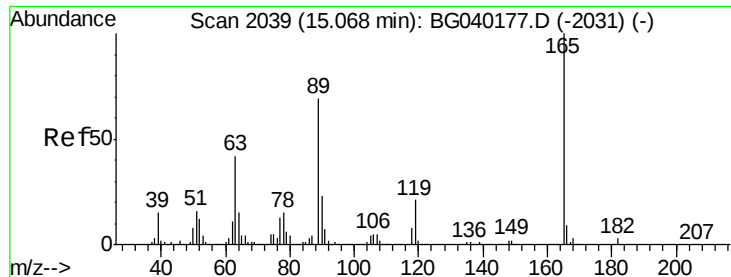
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	27.9	41.9
169	13.9	11.3	16.9



#56
4-Nitrophenol
Concen: 78.587 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	54.3	94.3
65	89.6	82.5	122.5

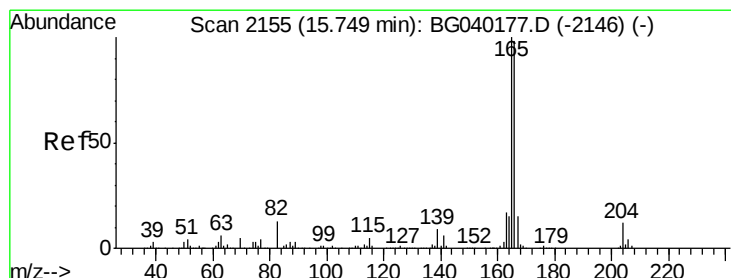
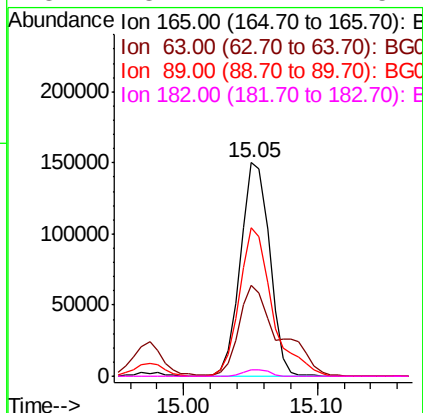
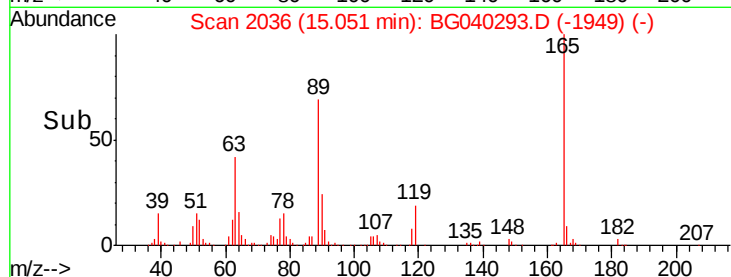
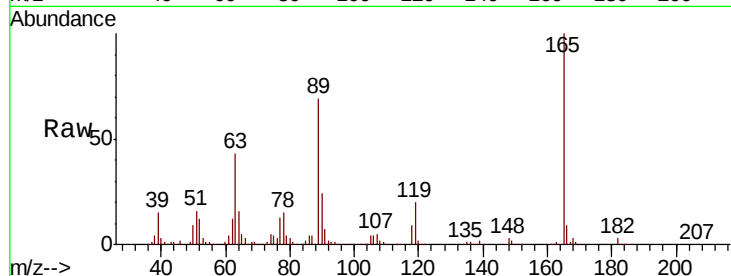




#57
2,4-Dinitrotoluene
Concen: 52.146 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

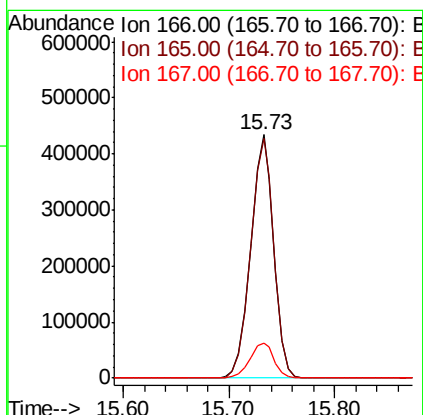
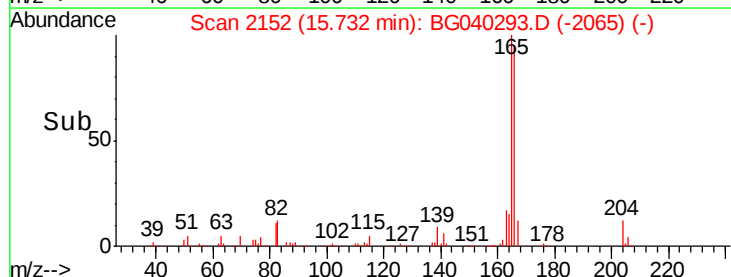
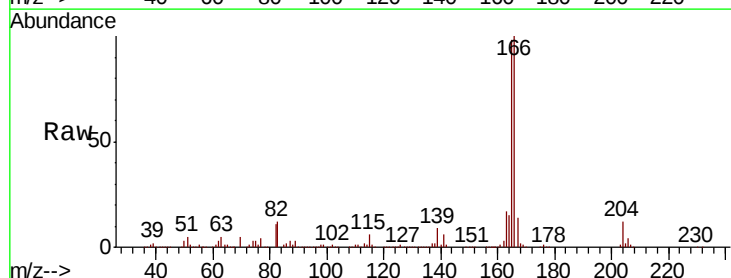
Instrument :
BNA_G
ClientSampleId :

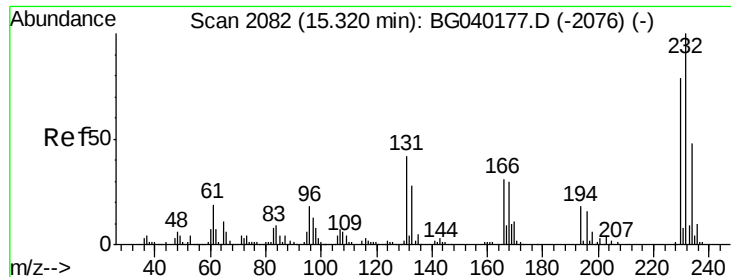
Tot Ion:165 Resp: 226738
Ion Ratio Lower Upper
165 100
63 42.5 33.8 50.6
89 69.4 55.4 83.2
182 3.1 2.2 3.4



#58
Fluorene
Concen: 49.434 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG040293.D
Acq: 2 Apr 2019 10:27

Tgt Ion:166 Resp: 654826
Ion Ratio Lower Upper
166 100
165 98.4 81.7 122.5
167 14.4 11.9 17.9

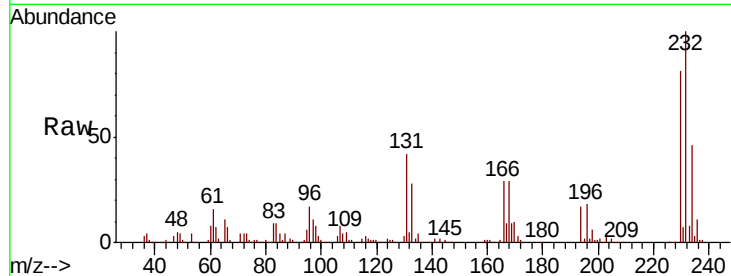




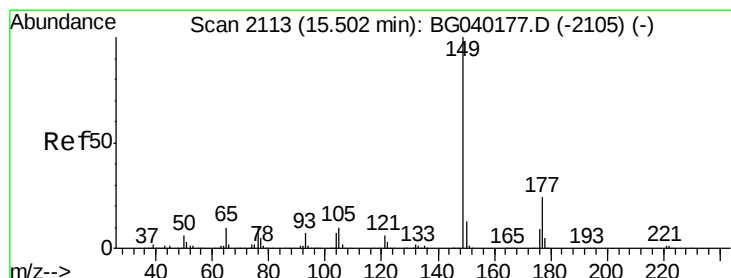
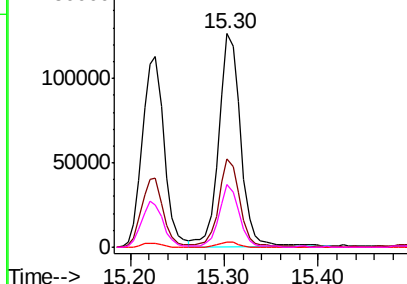
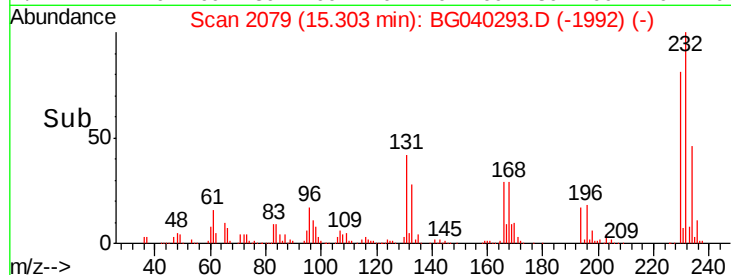
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.302 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	203204
Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.9	49.3
130	2.4	1.8	2.8
166	27.2	23.5	35.3

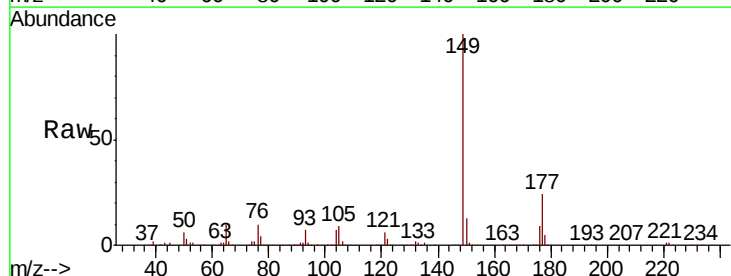


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

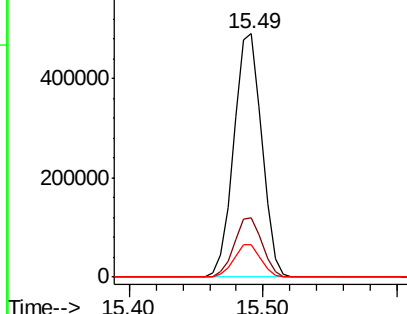
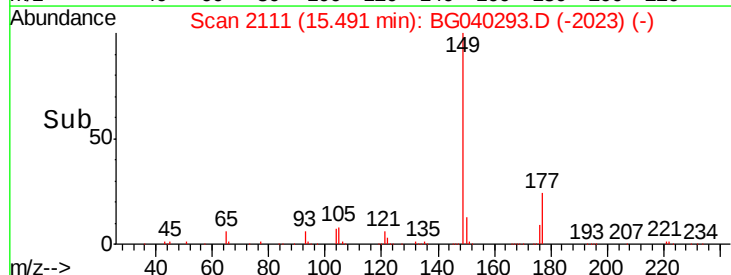


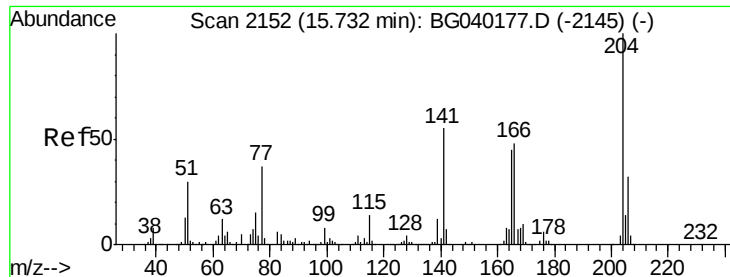
#60
 Diethylphthalate
 Concen: 50.081 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion:	149	Resp:	714204
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	13.1	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

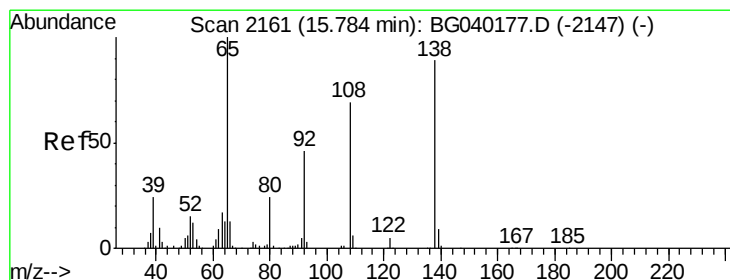
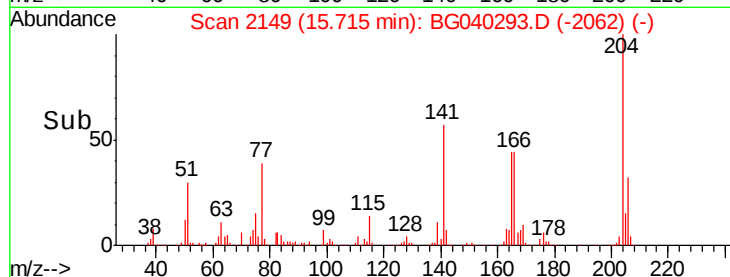
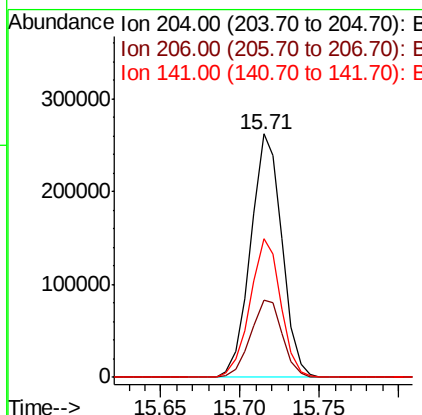
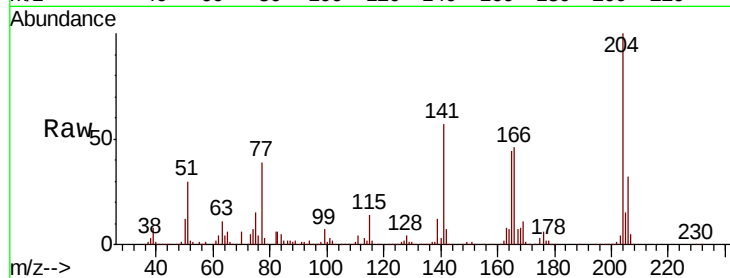




#61
 4-Chlorophenyl-phenylether
 Concen: 50.763 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

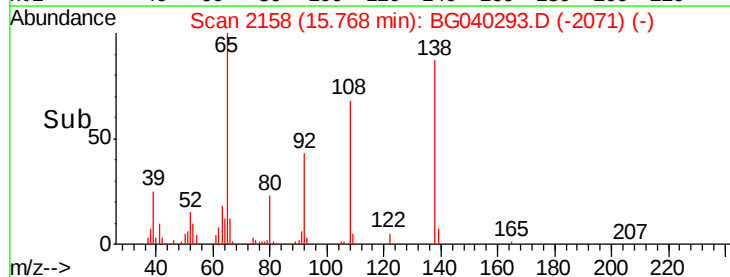
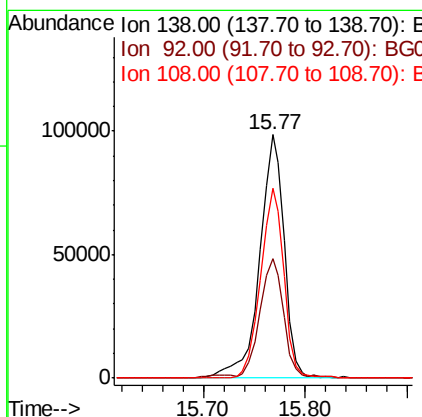
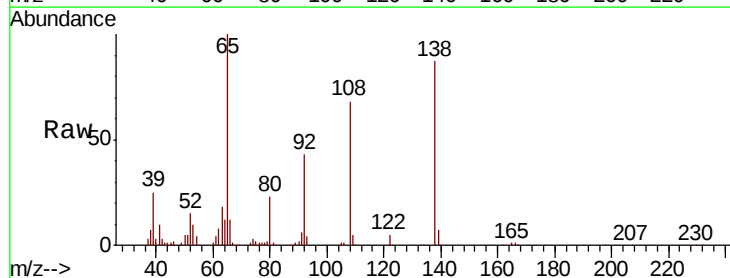
Instrument :
 BNA_G
 ClientSampleId :

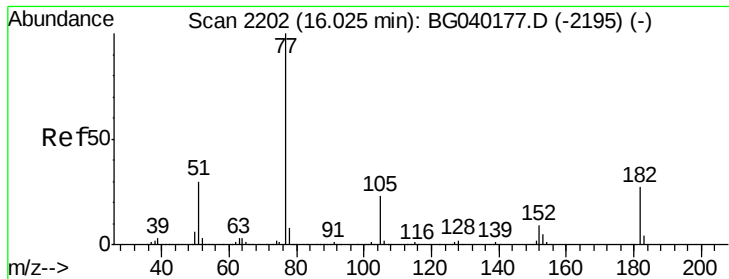
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.7	38.5
141	57.1	44.0	66.0



#62
 4-Nitroaniline
 Concen: 47.022 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.8	71.8
108	78.0	57.2	97.2





#63

Azobenzene

Concen: 48.373 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 650713

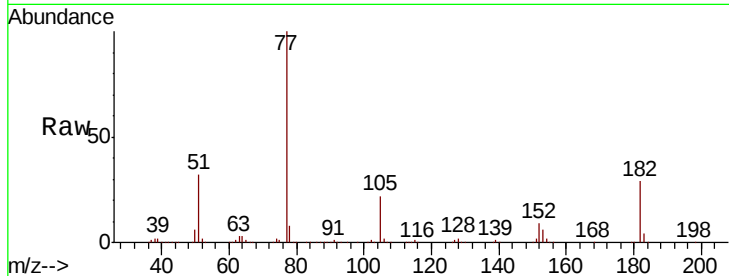
Ion Ratio Lower Upper

77 100

182 28.9 7.2 47.2

105 22.2 2.8 42.8

51 31.5 10.4 50.4

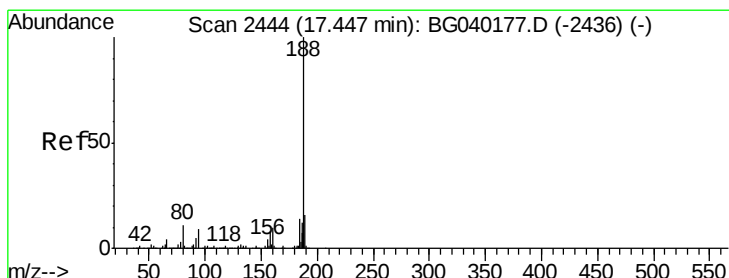
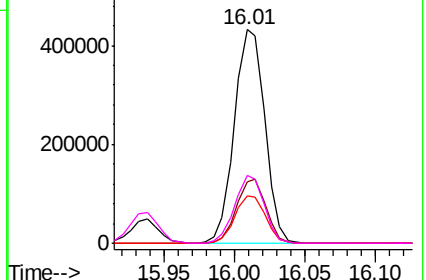
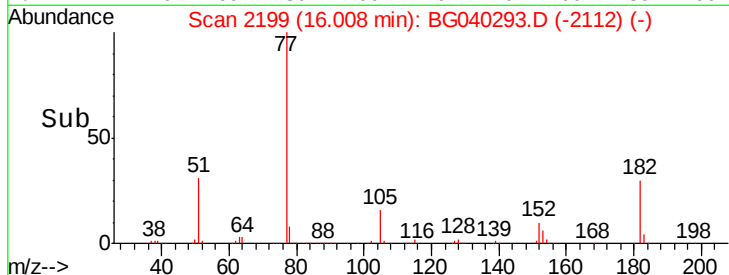


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

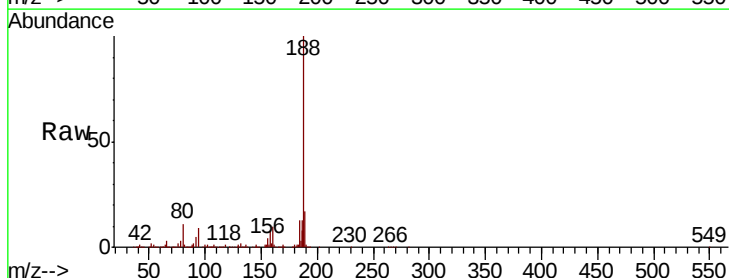
Tgt Ion: 188 Resp: 433088

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

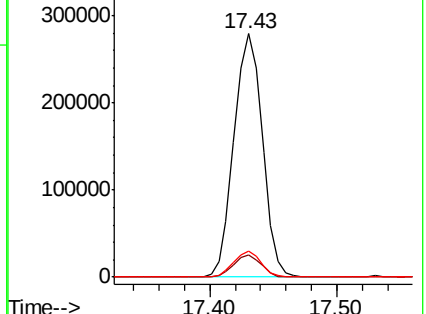
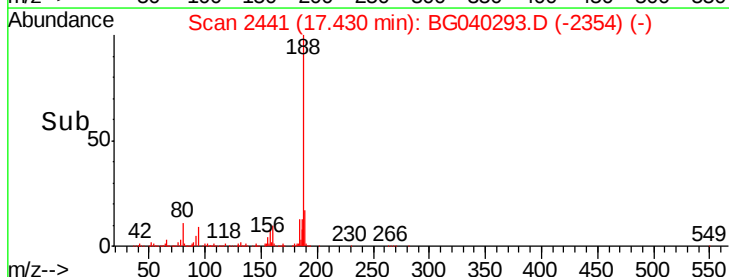
80 10.5 8.6 13.0

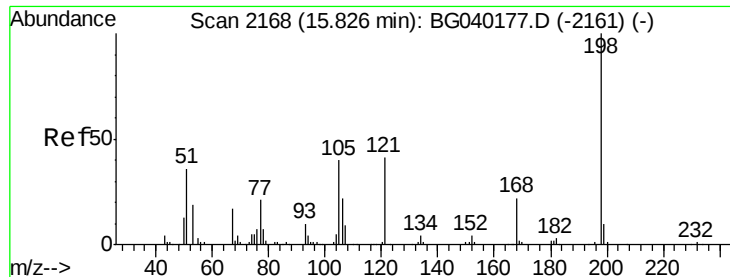


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

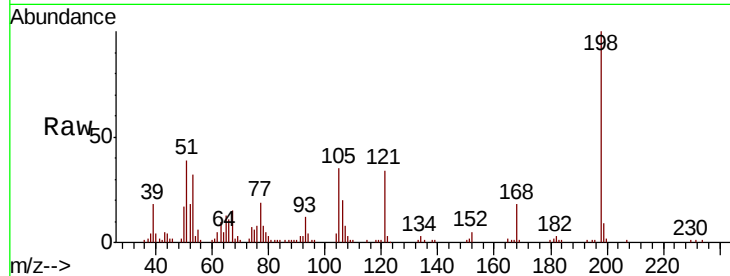




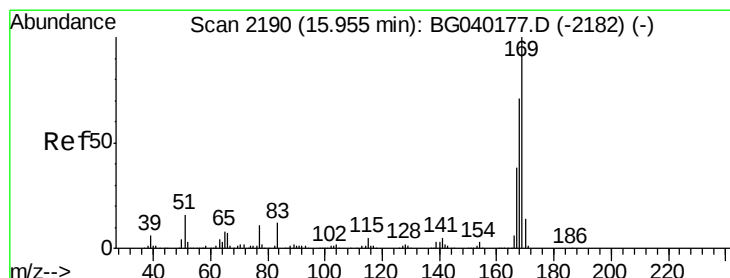
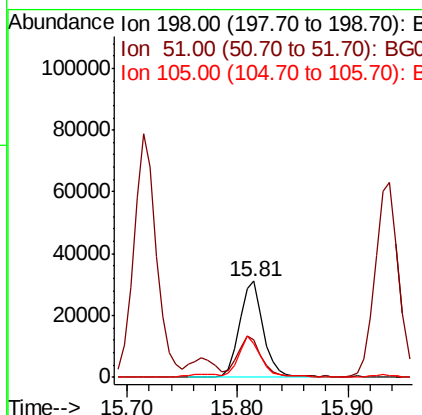
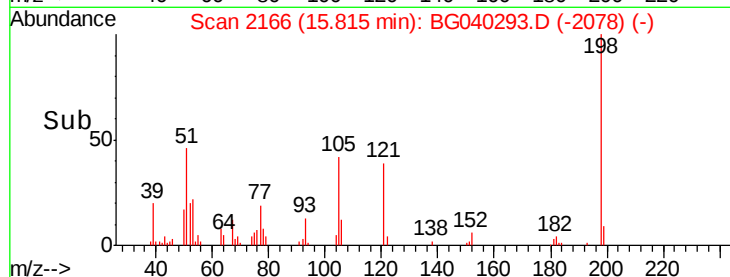
#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.554 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	198	Resp	47577
Ion Ratio	100	Lower	Upper
51	38.9	27.3	67.3
105	35.3	21.7	61.7

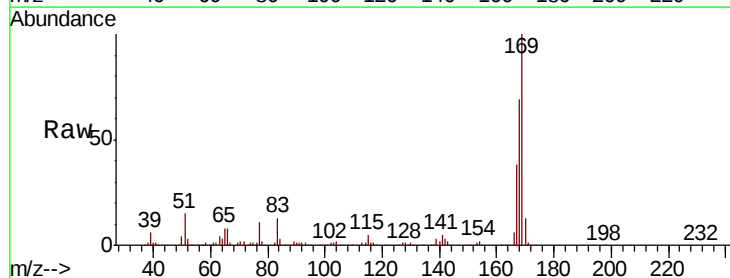


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

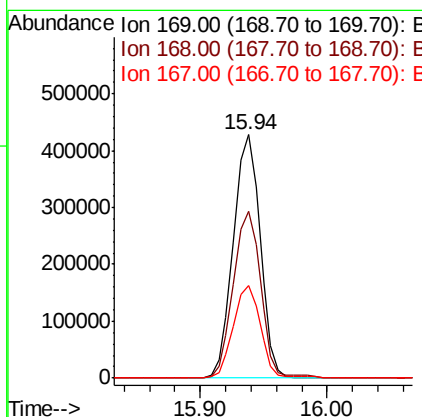
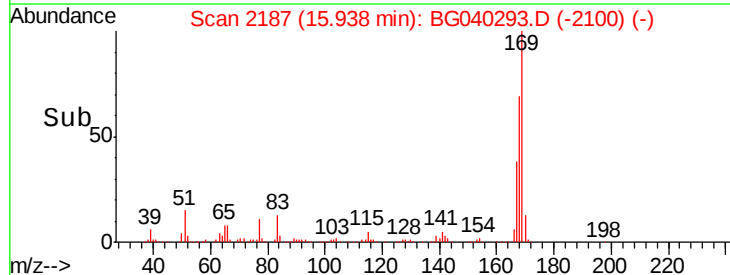


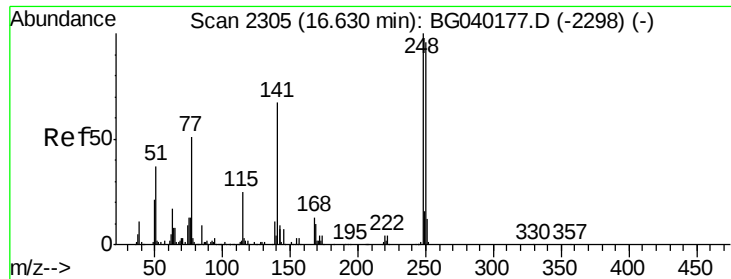
#66
 n-Nitrosodiphenylamine
 Concen: 49.602 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	169	Resp	628624
Ion Ratio	100	Lower	Upper
168	68.7	56.8	85.2
167	38.3	30.2	45.4



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

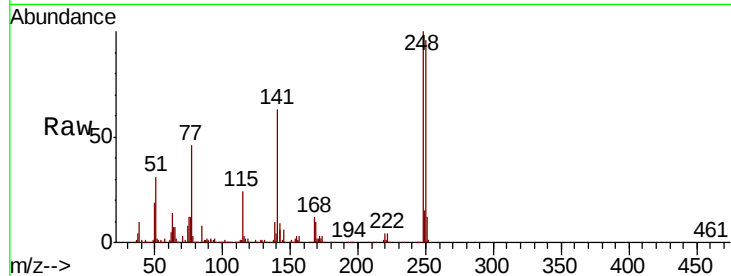




#67
 4-Bromophenyl-phenylether
 Concen: 49.820 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.4	114.6
141	63.3	53.8	80.8

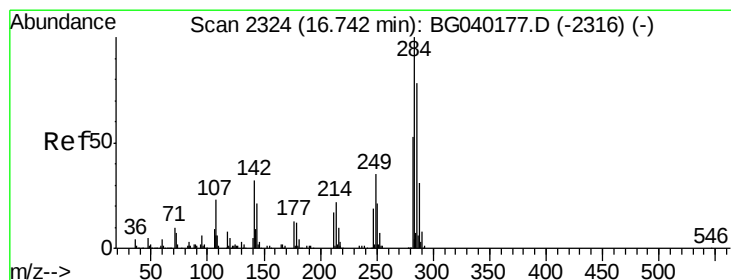
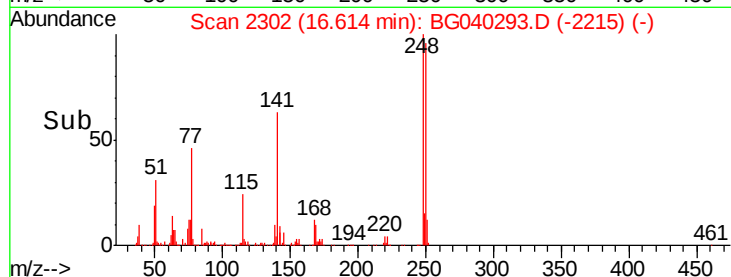
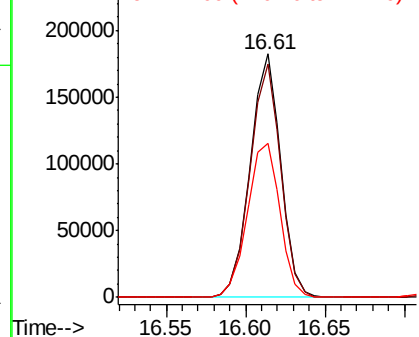


Abundance

Ion 248.00 (247.70 to 248.70): E

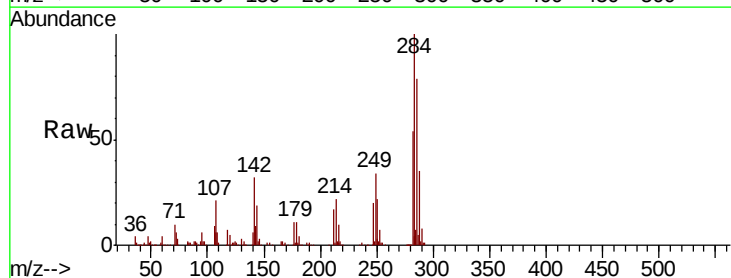
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 50.451 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.3	37.9
249	33.7	28.2	42.2

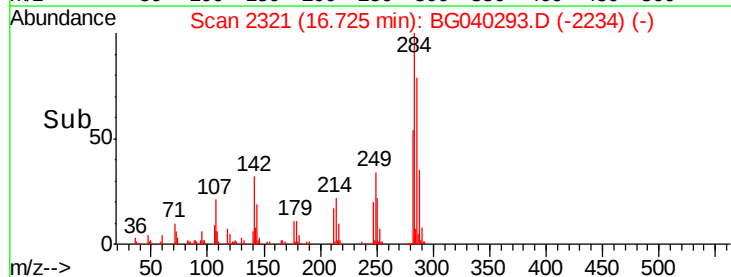
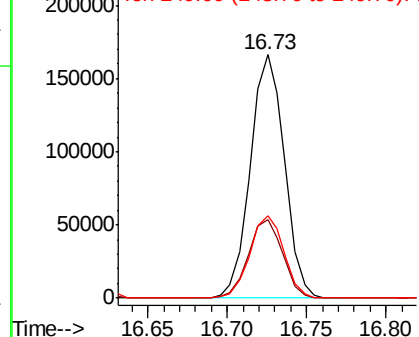


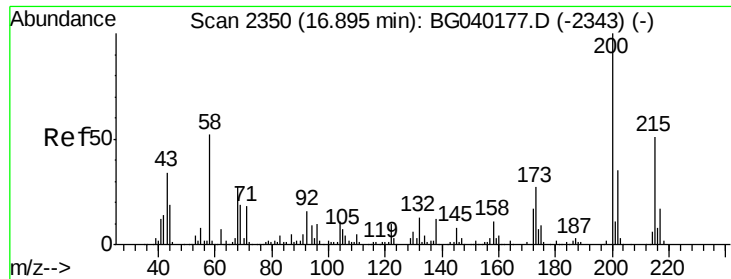
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.983 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

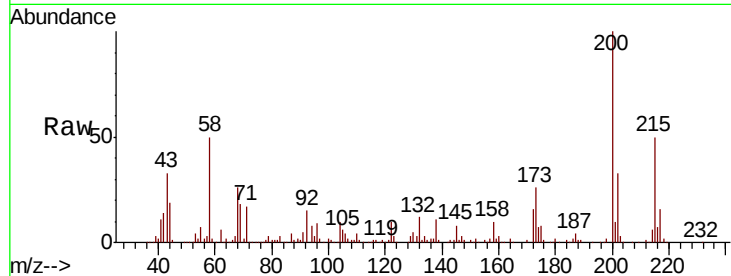
Tot Ion:200 Resp: 230923

Ion Ratio Lower Upper

200 100

173 25.6 7.1 47.1

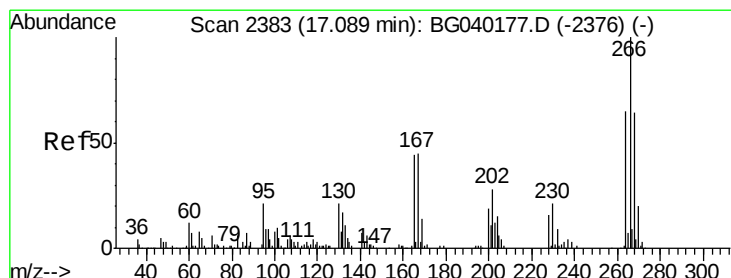
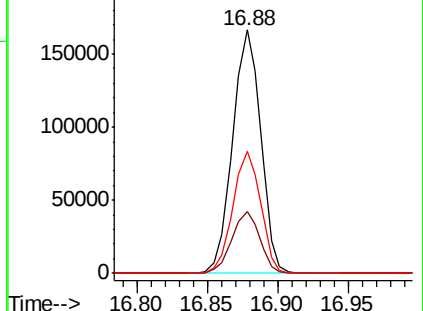
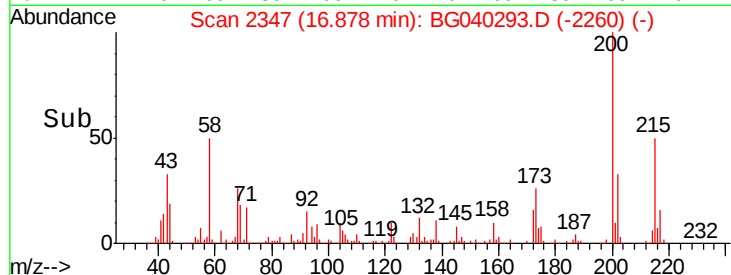
215 50.2 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 48.532 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

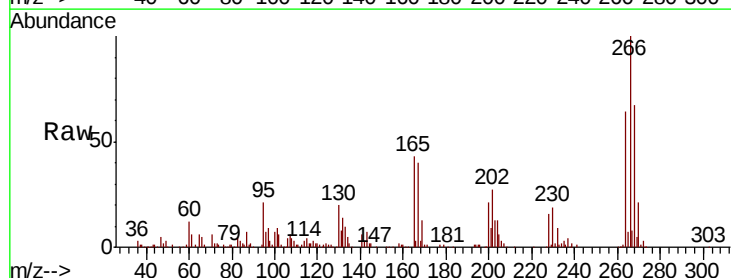
Tgt Ion:266 Resp: 137494

Ion Ratio Lower Upper

266 100

268 66.8 55.0 82.4

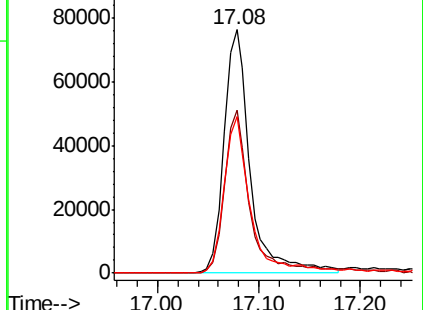
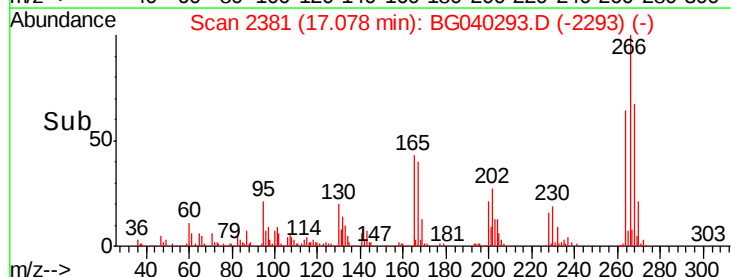
264 64.1 51.8 77.8

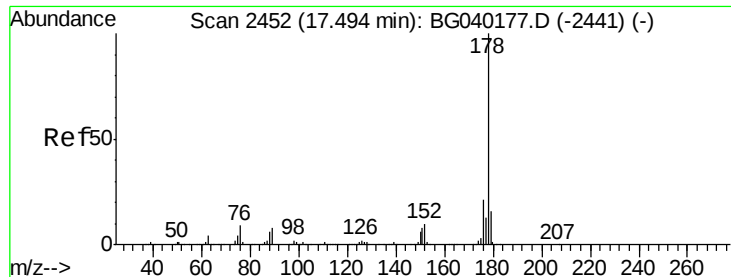


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.968 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

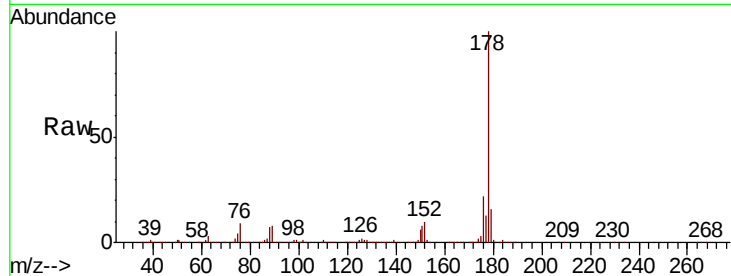
Tot Ion:178 Resp: 1114710

Ion Ratio Lower Upper

178 100

176 21.7 16.7 25.1

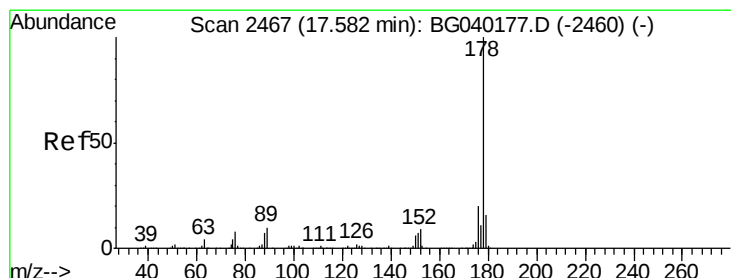
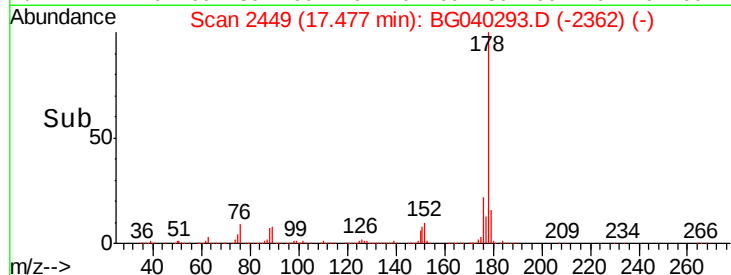
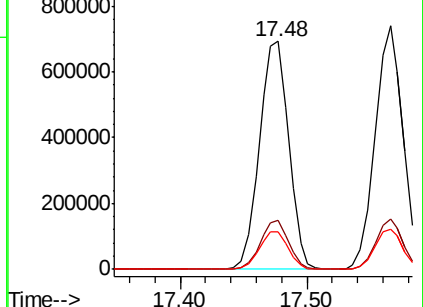
179 16.4 12.8 19.2



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: 49.411 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

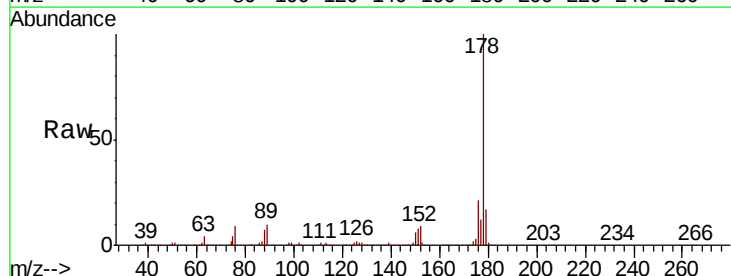
Tgt Ion:178 Resp: 1125829

Ion Ratio Lower Upper

178 100

176 20.7 15.9 23.9

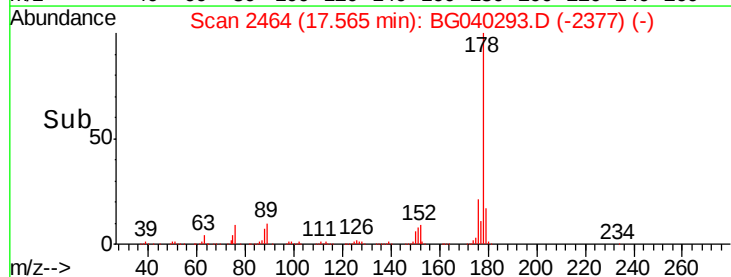
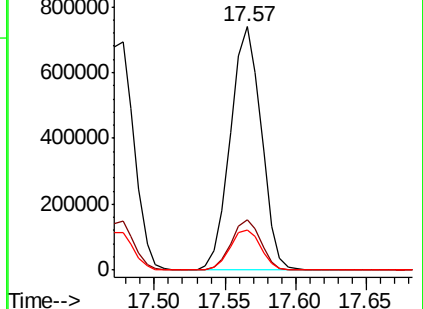
179 16.7 12.9 19.3

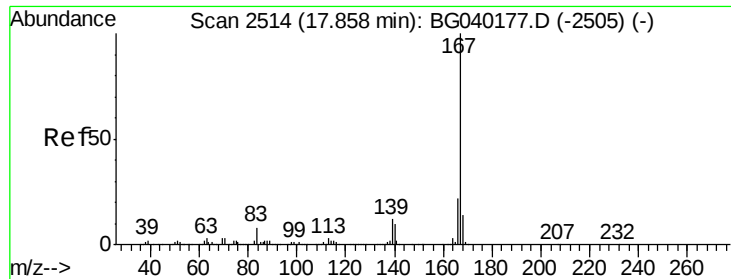


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

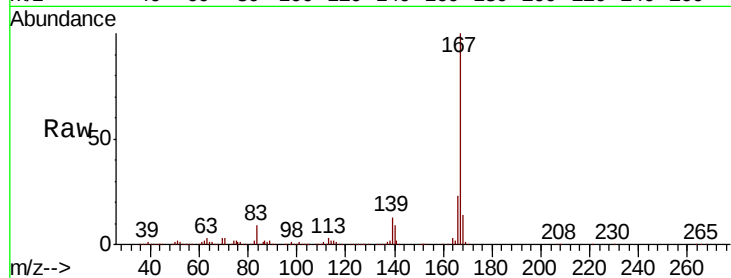




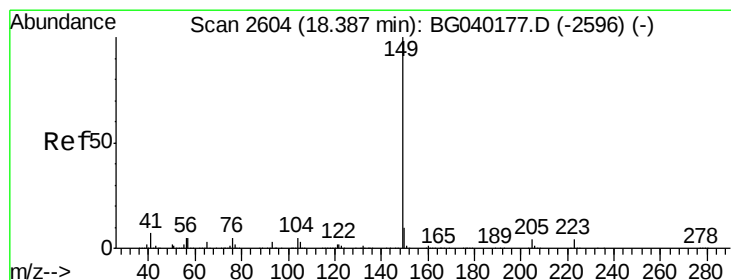
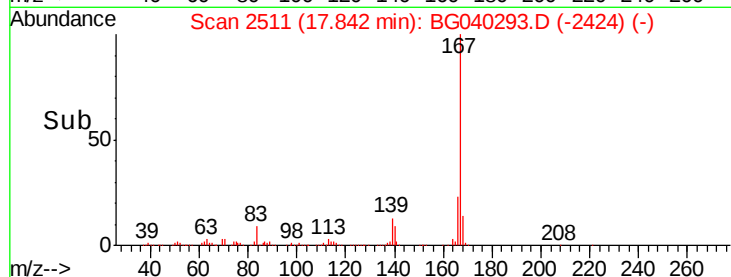
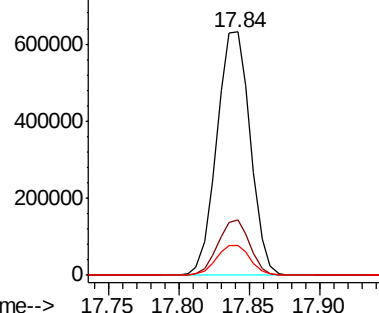
#73
 Carbazole
 Concen: 48.652 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1049100
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.5 26.3
 139 12.5 10.0 15.0

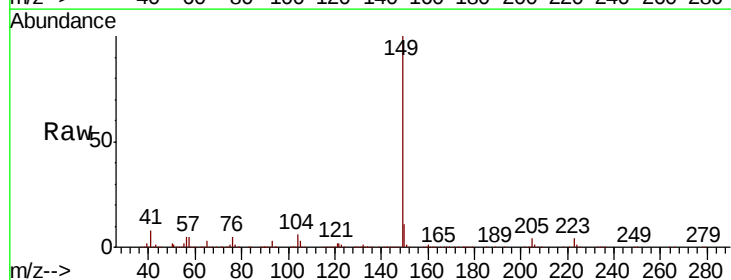


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

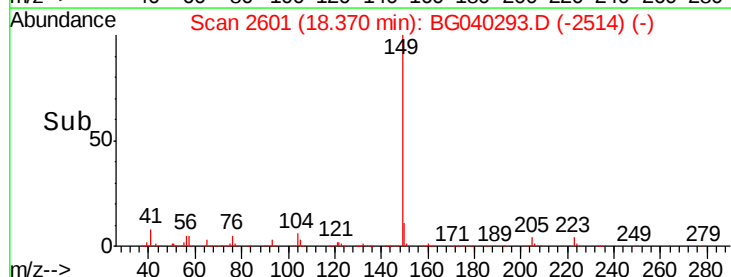
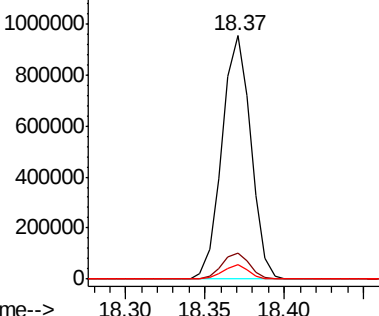


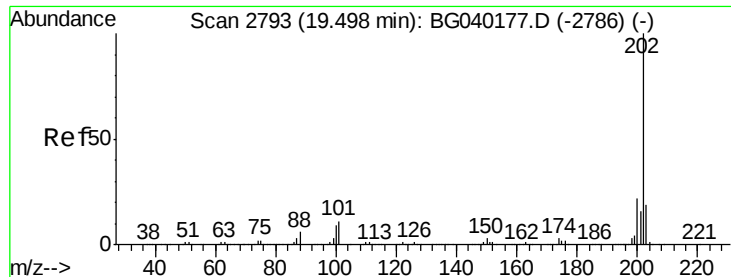
#74
 Di-n-butylphthalate
 Concen: 47.344 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion:149 Resp: 1210109
 Ion Ratio Lower Upper
 149 100
 150 10.6 7.9 11.9
 104 5.8 4.1 6.1



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





#75

Fluoranthene

Concen: 48.202 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

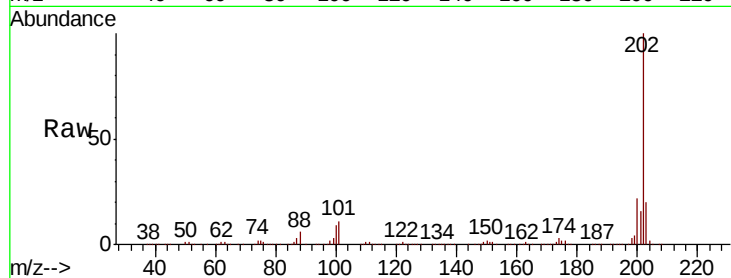
Tot Ion:202 Resp: 1299293

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

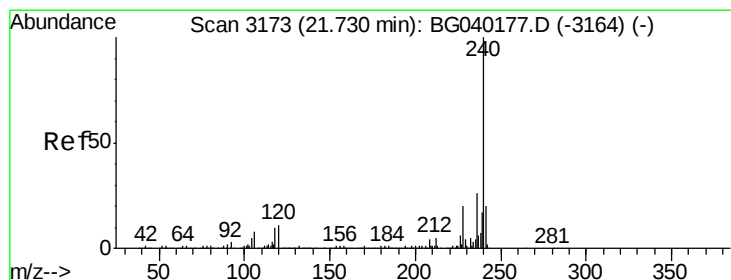
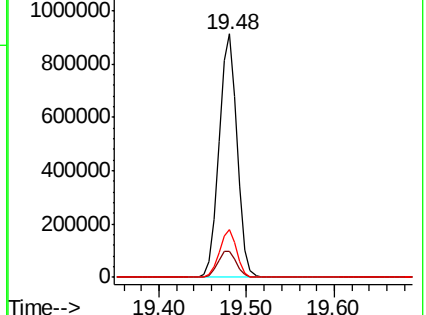
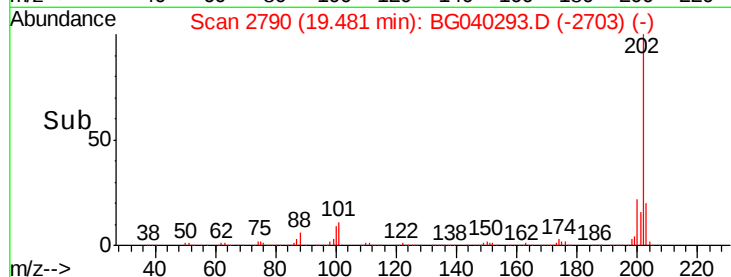
203 19.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

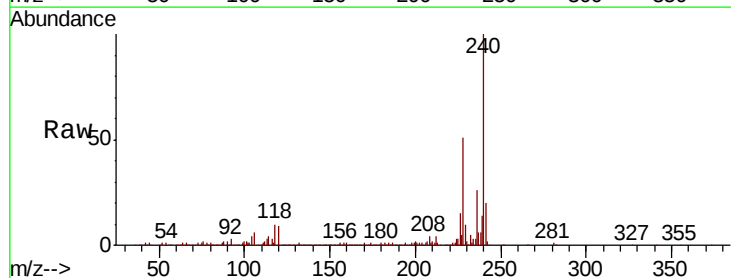
Tgt Ion:240 Resp: 415144

Ion Ratio Lower Upper

240 100

120 8.8 8.4 12.6

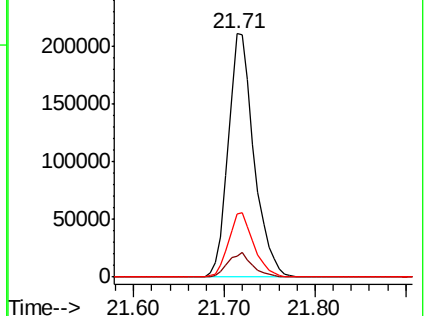
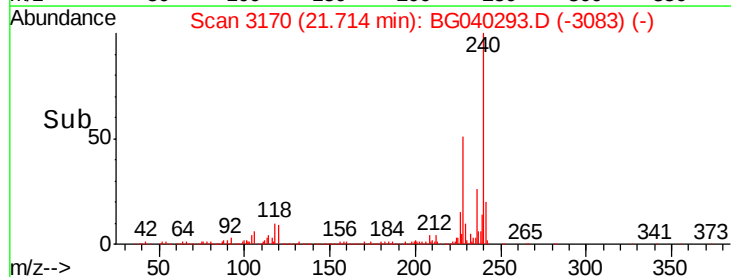
236 25.8 20.8 31.2

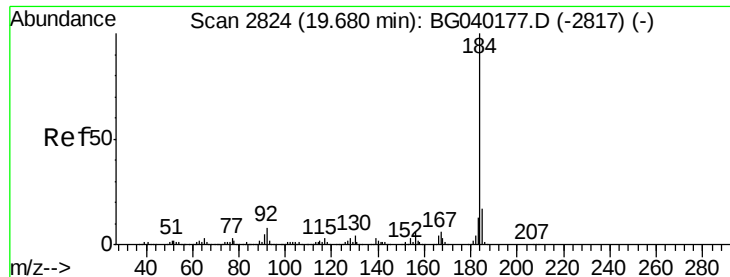


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.937 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

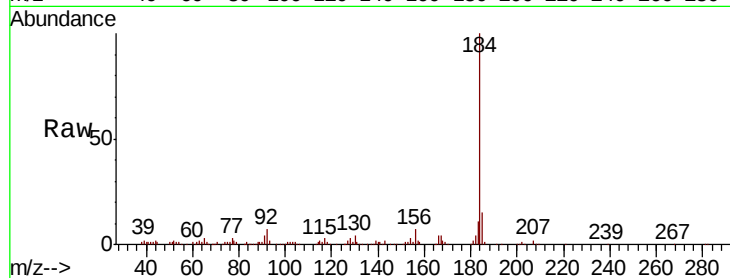
Tot Ion:184 Resp: 103989

Ion Ratio Lower Upper

184 100

185 15.0 13.3 19.9

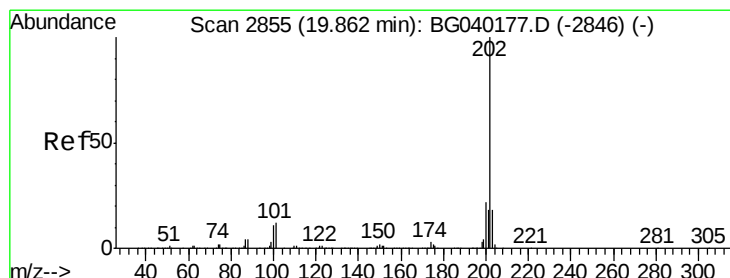
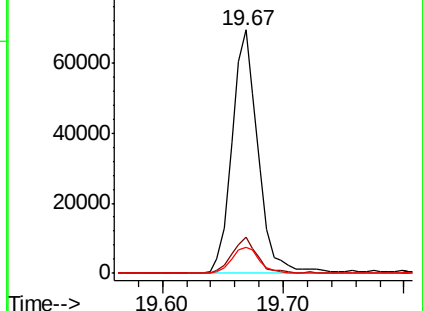
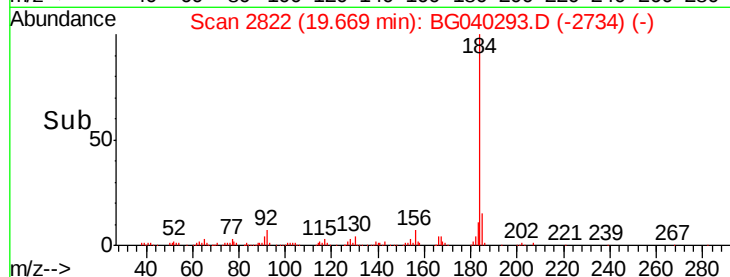
183 10.9 10.3 15.5



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: 47.576 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

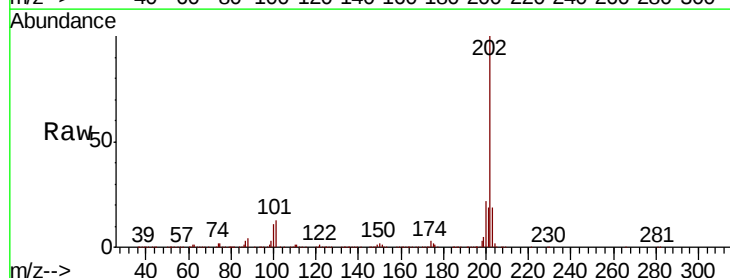
Tgt Ion:202 Resp: 1298831

Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

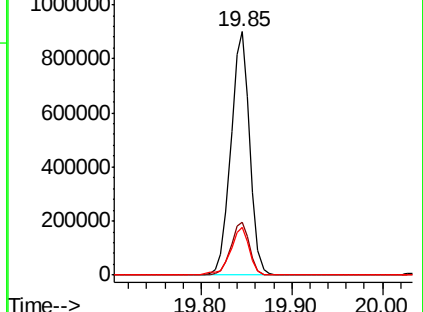
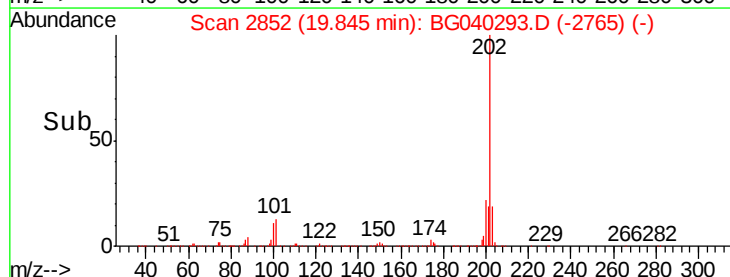
203 19.4 14.6 22.0

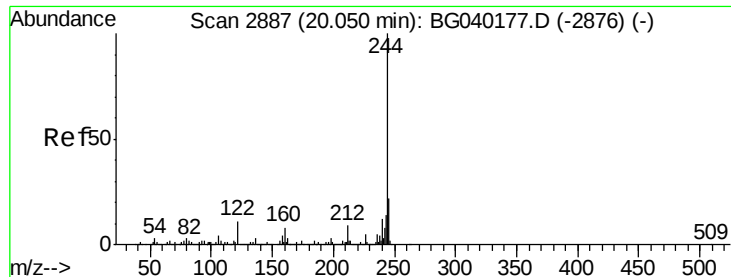


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.658 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

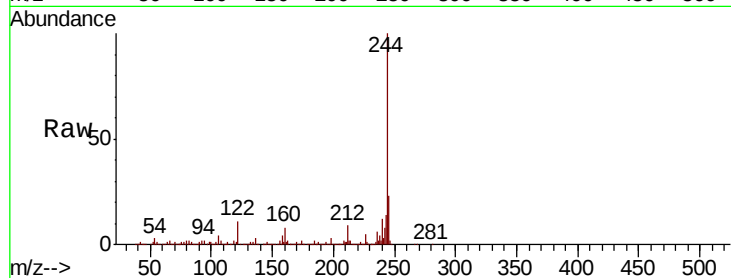
Tot Ion:244 Resp: 1654515

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

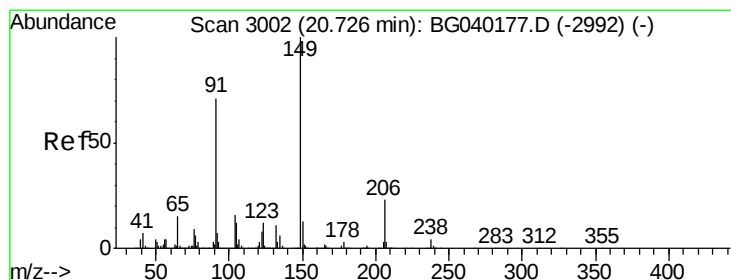
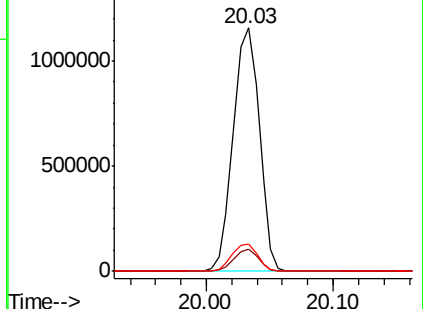
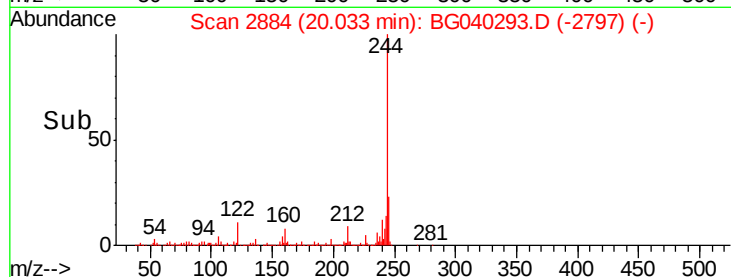
122 11.4 8.5 12.7



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: 48.448 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

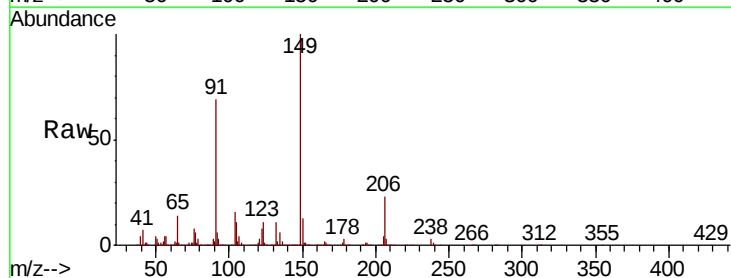
Tgt Ion:149 Resp: 565975

Ion Ratio Lower Upper

149 100

91 68.8 57.0 85.4

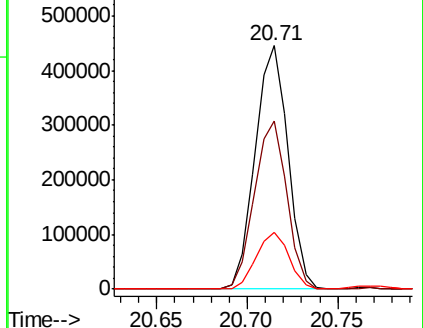
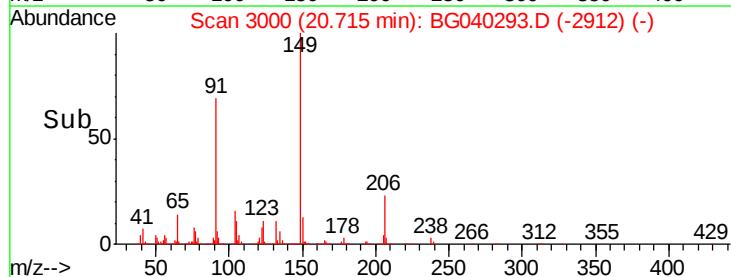
206 23.1 18.2 27.4

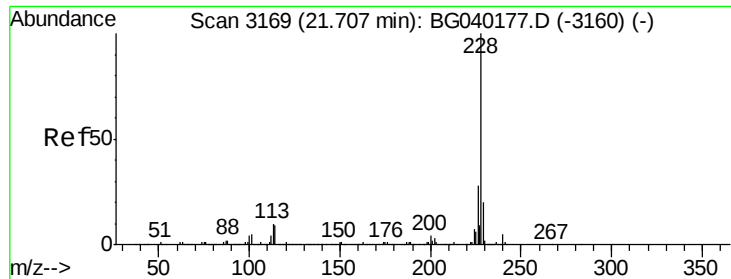


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.862 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

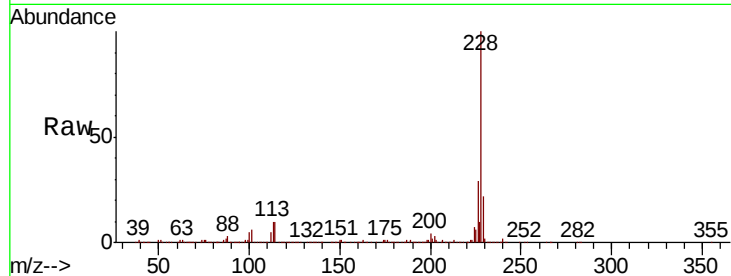
Tot Ion:228 Resp: 1198303

Ion Ratio Lower Upper

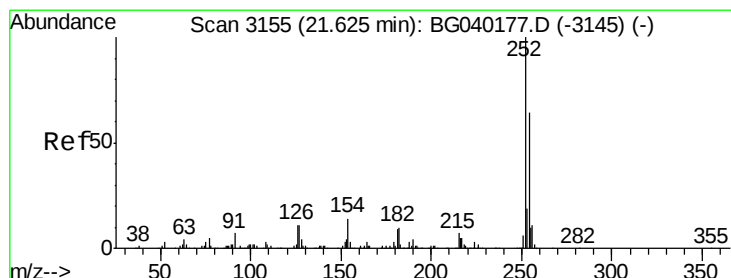
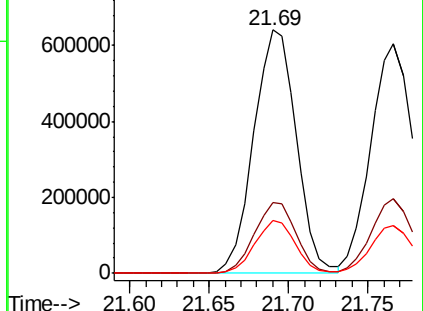
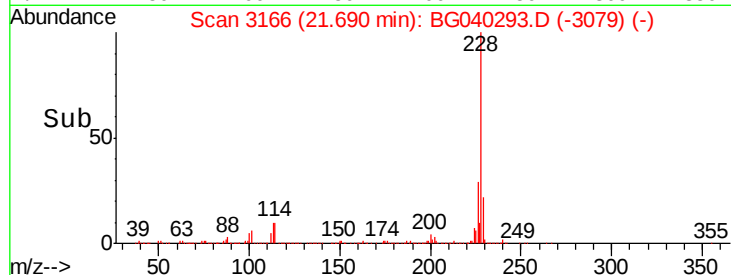
228 100

226 29.3 22.6 34.0

229 21.9 16.1 24.1



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: 10.851 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

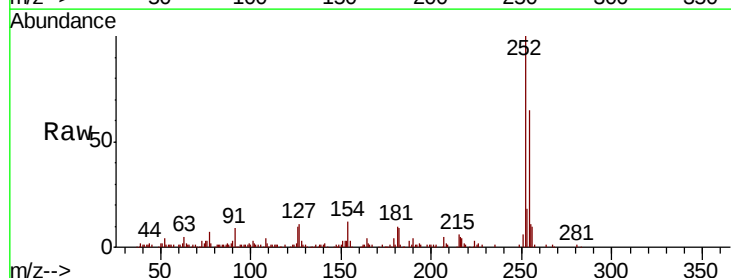
Tgt Ion:252 Resp: 105550

Ion Ratio Lower Upper

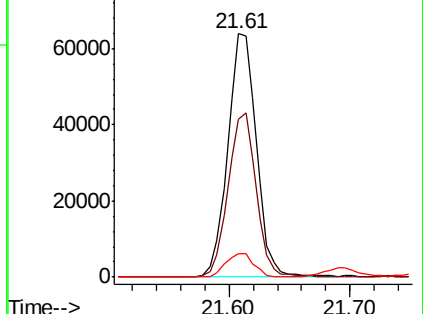
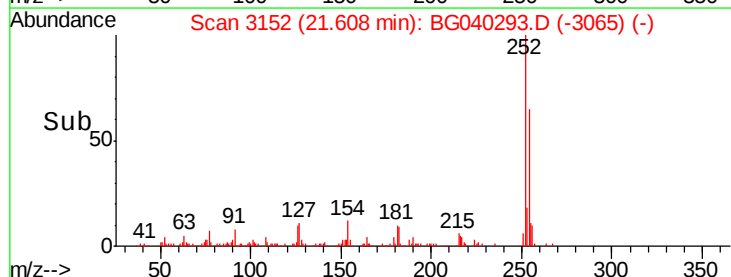
252 100

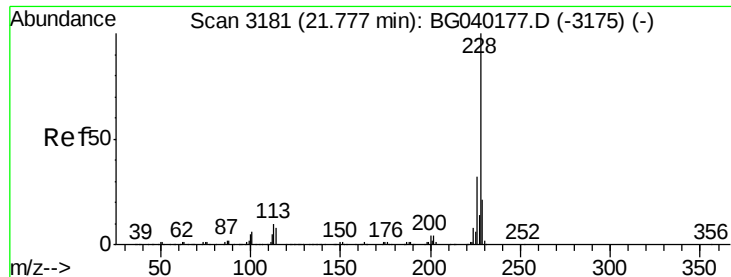
254 64.9 51.4 77.2

126 9.8 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



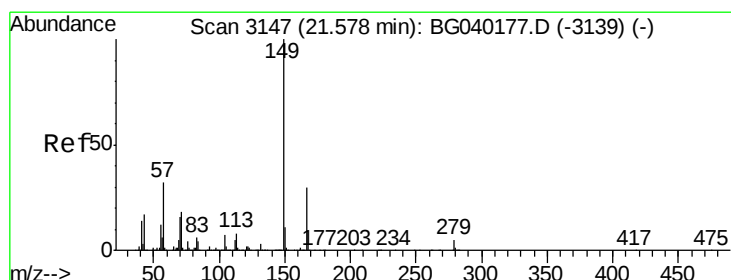
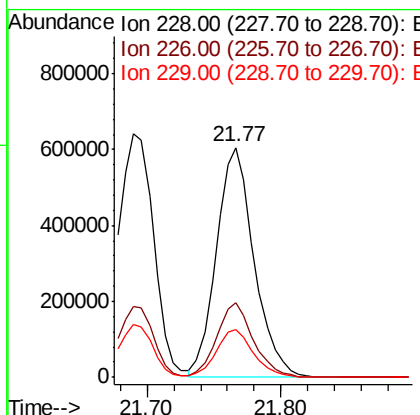
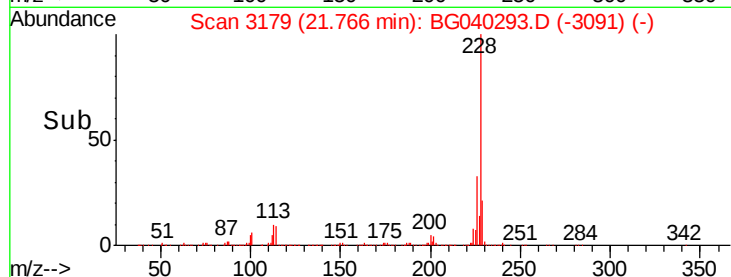
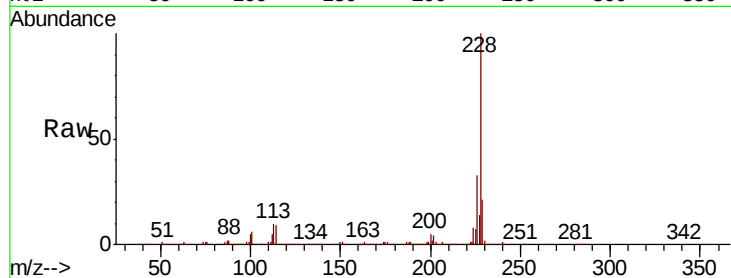


#83
 Chrvsene
 Concen: 48.541 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1192883

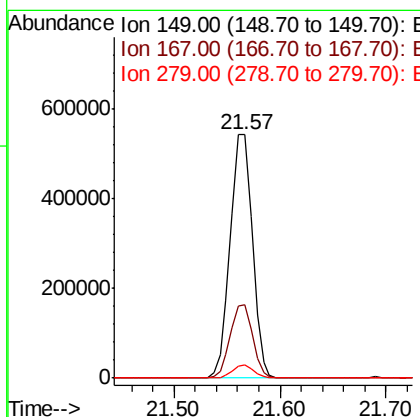
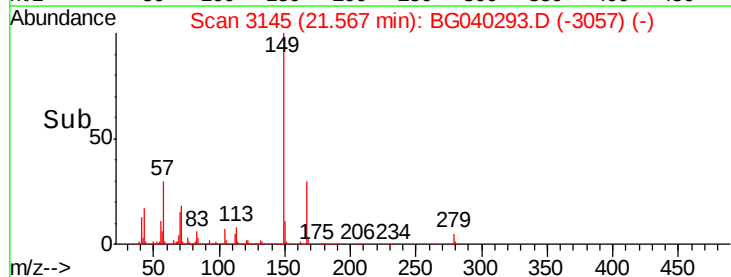
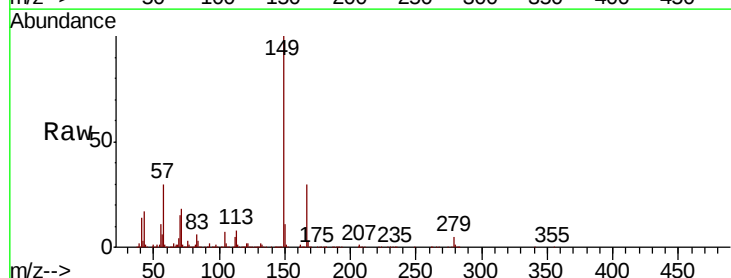
Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.4	38.0
229	20.8	17.0	25.4

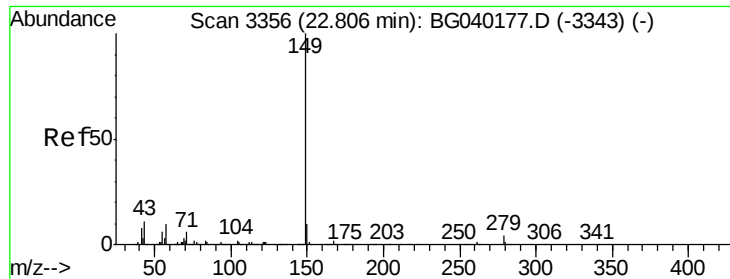


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.244 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG040293.D
 Acq: 2 Apr 2019 10:27

Tgt Ion:149 Resp: 788952

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.1	36.1
279	5.2	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 47.828 ng

RT: 22.81 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

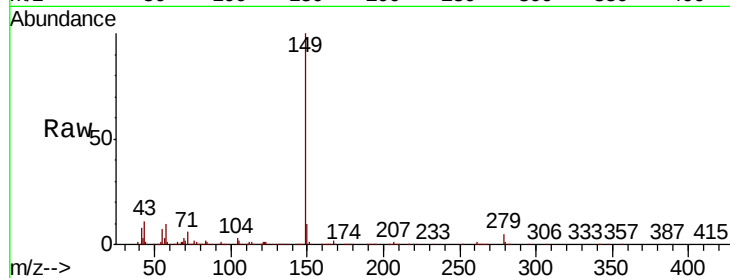
Tot Ion:149 Resp: 1360797

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

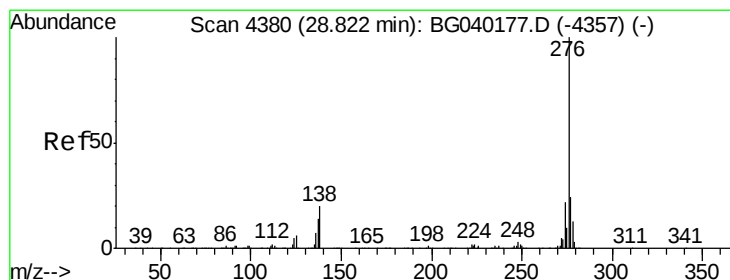
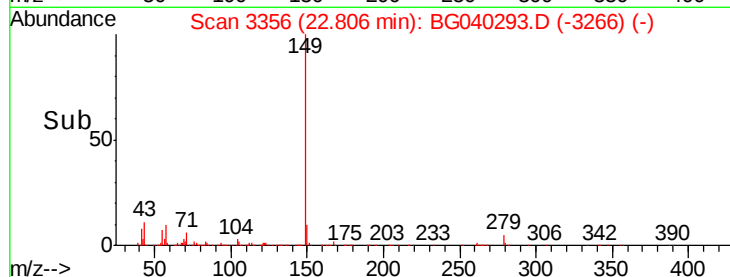
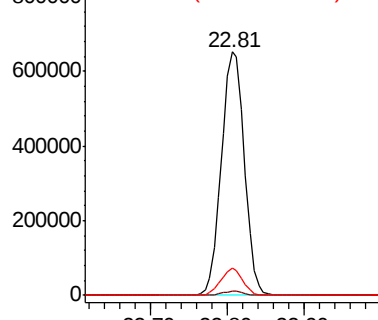
43 10.3 8.7 13.1



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: 18.013 ng

RT: 28.88 min Scan# 4390

Delta R.T. 0.06 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

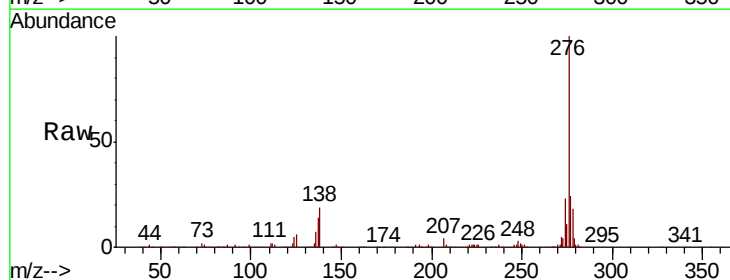
Tgt Ion:276 Resp: 541415

Ion Ratio Lower Upper

276 100

138 0.0 18.8 28.2#

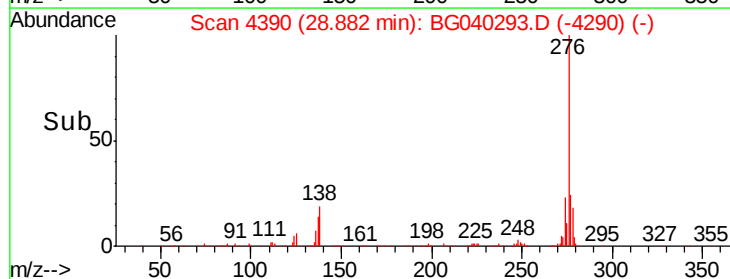
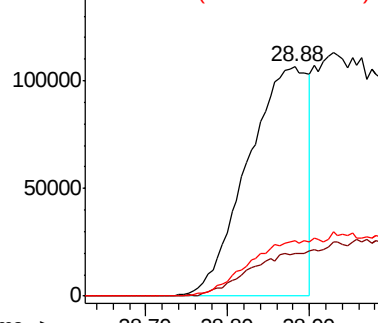
277 20.6 21.0 31.4#

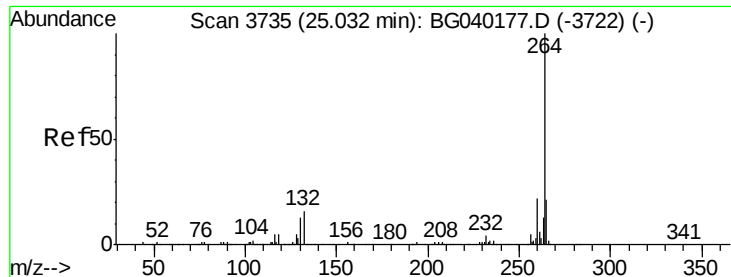


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.07 min Scan# 3741

Delta R.T. 0.04 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

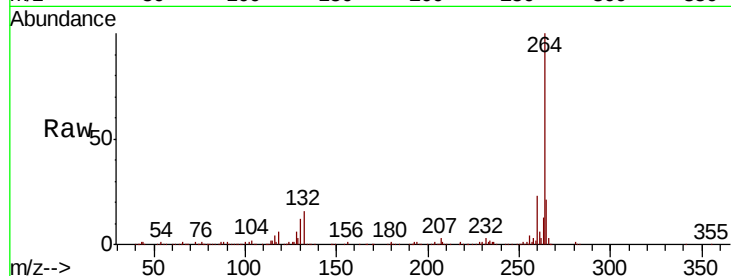
Tot Ion:264 Resp: 421017

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

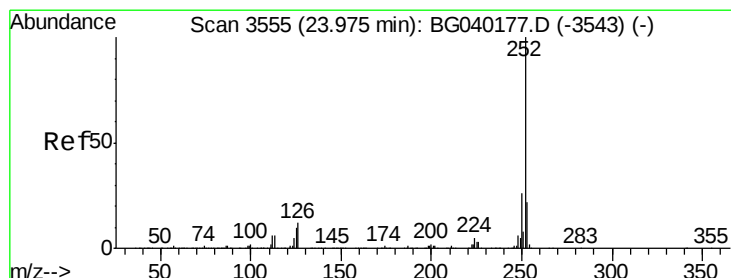
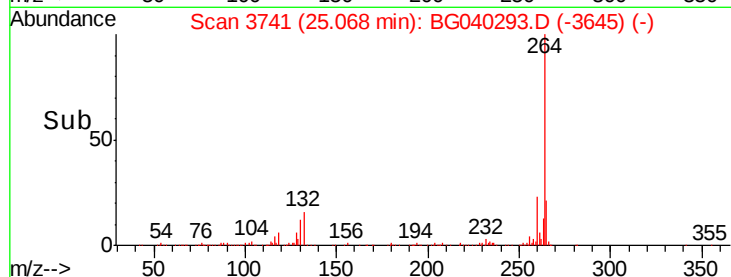
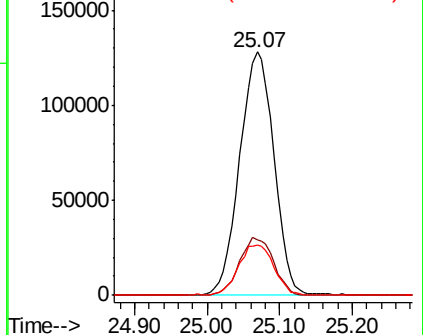
265 20.6 16.8 25.2



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: 50.811 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

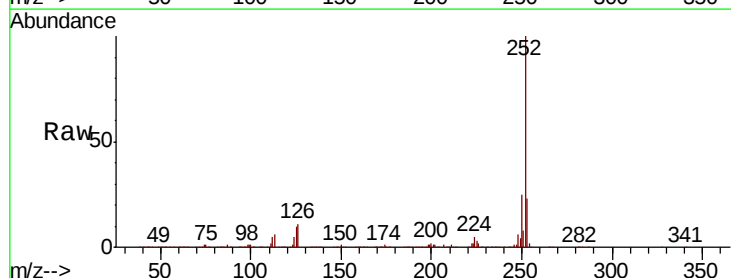
Tgt Ion:252 Resp: 1309715

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

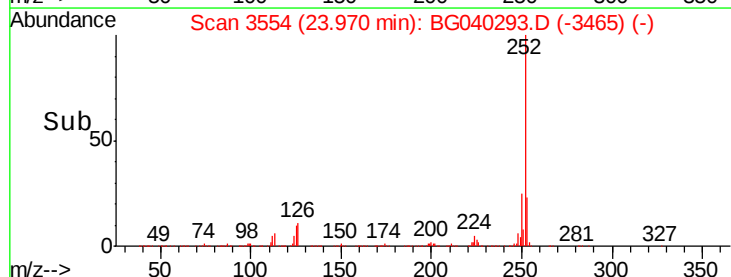
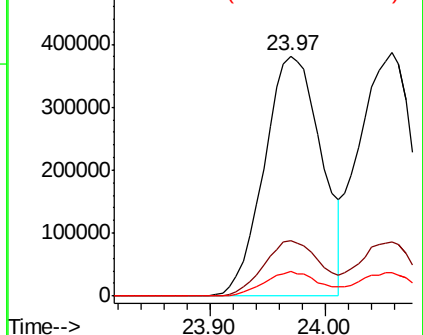
125 10.1 8.2 12.4

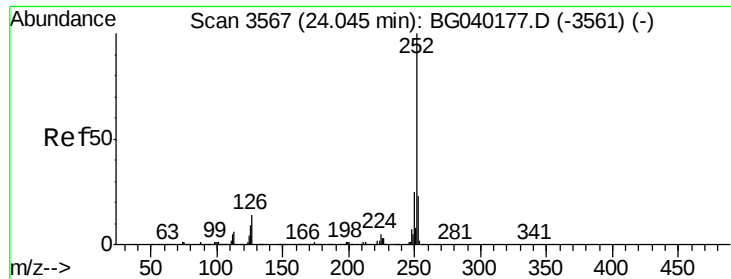


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 53.598 ng

RT: 24.06 min Scan# 3569

Delta R.T. 0.01 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

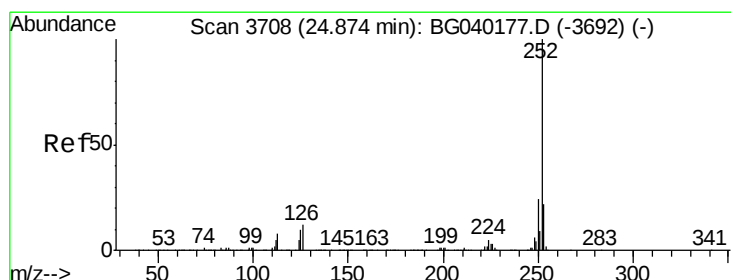
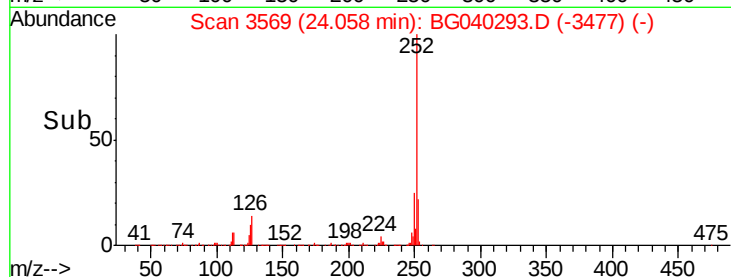
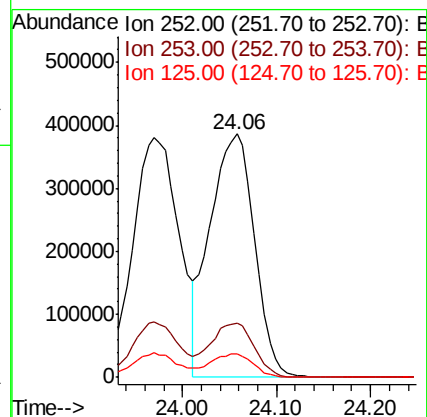
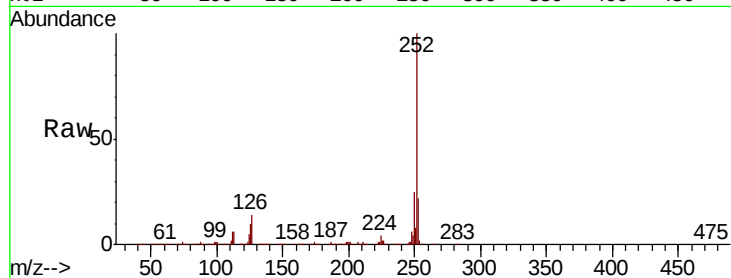
Tot Ion:252 Resp: 1270489

Ion Ratio Lower Upper

252 100

253 22.2 18.6 28.0

125 9.7 7.3 10.9



#90

Benzo(a)pyrene

Concen: 52.520 ng

RT: 24.91 min Scan# 3714

Delta R.T. 0.04 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

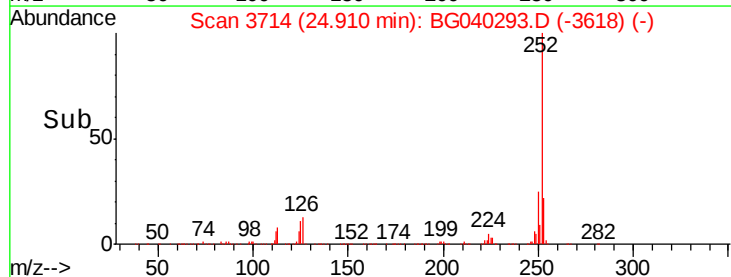
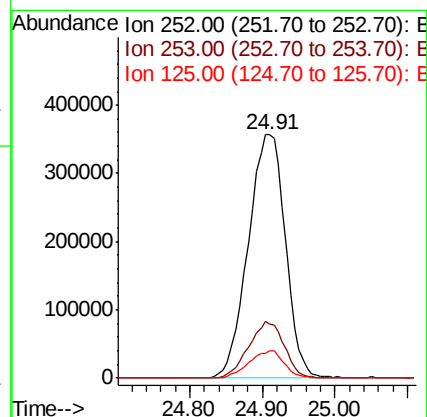
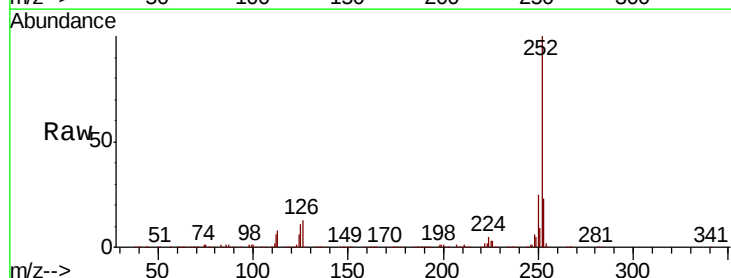
Tgt Ion:252 Resp: 1270191

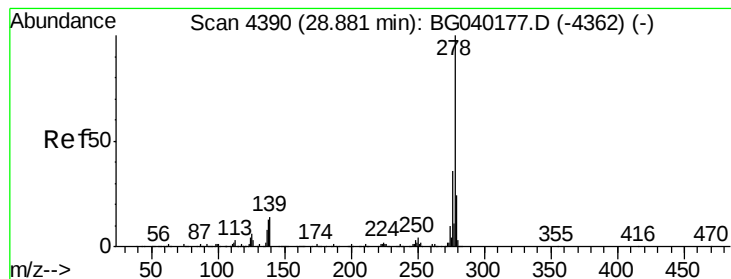
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 27.186 ng

RT: 29.00 min Scan# 4410

Delta R.T. 0.12 min

Lab File: BG040293.D

Acq: 2 Apr 2019 10:27

Instrument :

BNA_G

ClientSampleId :

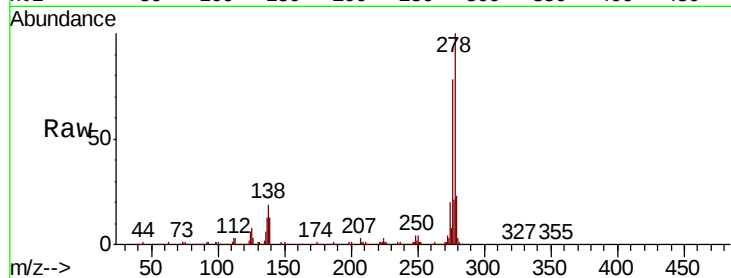
Tot Ion:278 Resp: 610650

Ion Ratio Lower Upper

278 100

139 13.4 11.2 16.8

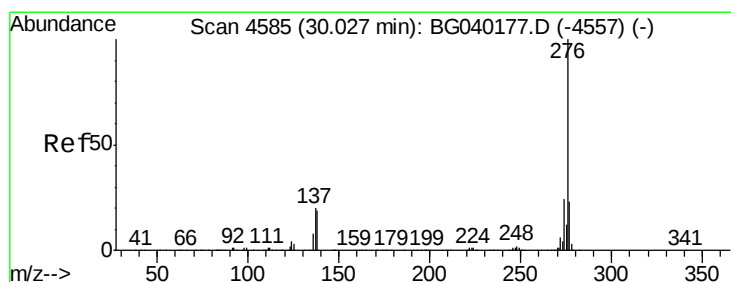
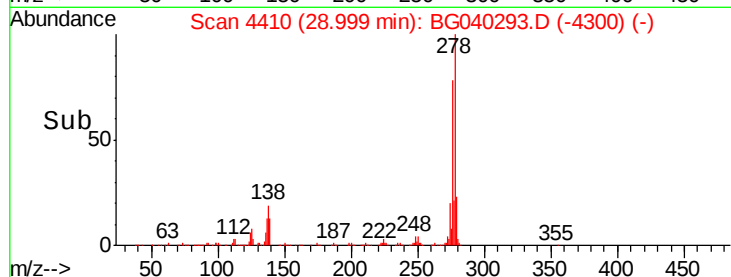
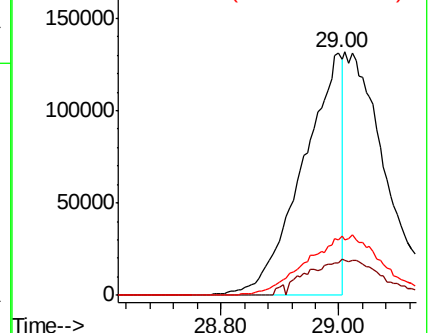
279 22.7 18.9 28.3



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: 32.983 ng

RT: 30.25 min Scan# 4623

Delta R.T. 0.22 min

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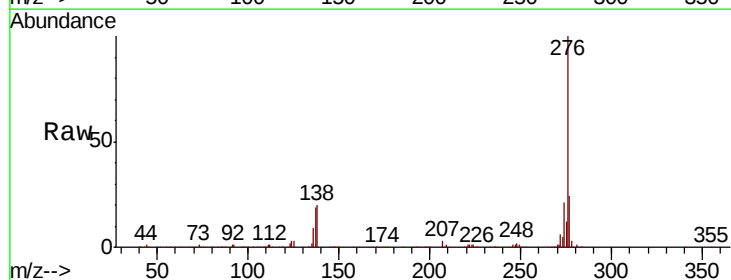
Tgt Ion:276 Resp: 761385

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 19.8 15.2 22.8



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

