

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043693.D
 Acq On : 19 Nov 2019 11:47
 Operator : JU
 Sample : PB124907BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 15:25:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26615	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	104776	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	77595	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	190505	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	205058	20.00	ng	-0.02
87) Perylene-d12	24.82	264	238406	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	136834	94.21	ng	0.00
7) Phenol-d6	7.19	99	125503	60.06	ng	0.00
23) Nitrobenzene-d5	9.16	82	187518	92.27	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	199590	135.17	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	503167	89.60	ng	-0.02
79) Terphenyl-d14	19.98	244	1079243	98.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	15217	26.885	ng	97
3) Pyridine	3.85	79	28590	20.024	ng	94
4) n-Nitrosodimethylamine	3.77	42	25611	35.548	ng	84
6) Aniline	7.32	93	48863	20.298	ng	96
8) 2-Chlorophenol	7.56	128	82604	51.521	ng	97
9) Benzaldehyde	7.13	77	37031	36.059	ng	96
10) Phenol	7.21	94	45825	23.998	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	68996	46.734	ng	100
12) 1,3-Dichlorobenzene	7.88	146	75724	37.696	ng	95
13) 1,4-Dichlorobenzene	8.02	146	78842	38.792	ng	96
14) 1,2-Dichlorobenzene	8.35	146	77422	39.014	ng	98
15) Benzyl Alcohol	8.24	79	65830	44.855	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	97257	45.304	ng	98
17) 2-Methylphenol	8.46	107	62996	45.254	ng	94
18) Hexachloroethane	9.07	117	26755	36.487	ng	97
19) n-Nitroso-di-n-propylamine	8.79	70	65604	48.584	ng	# 91
20) 3+4-Methylphenols	8.79	107	78779	41.270	ng	95
22) Acetophenone	8.82	105	129496	48.262	ng	93
24) Nitrobenzene	9.20	77	100526	51.924	ng	# 97
25) Isophorone	9.72	82	182004	48.983	ng	97
26) 2-Nitrophenol	9.91	139	49789	53.269	ng	# 92
27) 2,4-Dimethylphenol	9.98	122	75879	56.641	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	100624	49.067	ng	95
29) 2,4-Dichlorophenol	10.46	162	91781	53.471	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	89941	41.575	ng	99
31) Naphthalene	10.84	128	250176	47.040	ng	96
32) Benzoic acid	10.14	122	12997	19.360	ng	92
33) 4-Chloroaniline	10.98	127	27133	12.446	ng	96
34) Hexachlorobutadiene	11.13	225	59736	37.354	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	101467	54.194	ng	94
37) 2-Methylnaphthalene	12.45	142	200622	49.164	ng	99
38) 1-Methylnaphthalene	12.67	142	187794	48.367	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	131664	45.849	ng	99
41) Hexachlorocyclopentadiene	12.80	237	98355	65.200	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.06	196	86867	51.365	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	91173	53.326	nq	96
46) 1,1'-Biphenyl	13.46	154	275708	46.706	nq	96
47) 2-Chloronaphthalene	13.50	162	219332	48.834	nq	99
48) 2-Nitroaniline	13.71	65	68278	50.863	nq	96
49) Acenaphthylene	14.35	152	353606	50.586	nq	100
50) Dimethylphthalate	14.08	163	311061	51.755	nq	98
51) 2,6-Dinitrotoluene	14.20	165	69706	53.385	nq	93
52) Acenaphthene	14.69	154	215272	50.499	nq	95
53) 3-Nitroaniline	14.54	138	31312	24.838	nq	# 97
54) 2,4-Dinitrophenol	14.74	184	77328	93.488	nq	99
55) Dibenzofuran	15.02	168	355609	51.441	nq	99
56) 4-Nitrophenol	14.89	139	44368	52.519	nq	94
57) 2,4-Dinitrotoluene	14.99	165	99655	53.405	nq	# 99
58) Fluorene	15.67	166	301496	52.000	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	93048	51.224	nq	94
60) Diethylphthalate	15.44	149	304328	50.393	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	174086	51.468	nq	97
62) 4-Nitroaniline	15.71	138	62172	47.754	nq	92
63) Azobenzene	15.95	77	251575	51.473	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	62306	55.574	nq	91
66) n-Nitrosodiphenylamine	15.88	169	266517	49.553	nq	97
67) 4-Bromophenyl-phenylether	16.55	248	122061	47.610	nq	94
68) Hexachlorobenzene	16.68	284	135183	45.936	nq	96
69) Atrazine	16.82	200	113204	60.573	nq	99
70) Pentachlorophenol	17.03	266	124368	92.745	nq	99
71) Phenanthrene	17.41	178	484375	49.653	nq	99
72) Anthracene	17.51	178	499407	51.167	nq	98
73) Carbazole	17.78	167	445049	50.352	nq	99
74) Di-n-butylphthalate	18.32	149	536198	49.997	nq	98
75) Fluoranthene	19.42	202	648599	50.999	nq	100
77) Benzidine	19.63	184	54569	13.223	nq	98
78) Pyrene	19.79	202	656390	51.713	nq	100
80) Butylbenzylphthalate	20.67	149	243802	50.699	nq	96
81) Benzo(a)anthracene	21.61	228	674672	52.525	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	157158	31.634	nq	98
83) Chrysene	21.68	228	652384	51.119	nq	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	358628	52.500	nq	100
85) Di-n-octyl phthalate	22.71	149	616707	53.214	nq	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	839573	52.409	nq	# 98
88) Benzo(b)fluoranthene	23.80	252	708525	52.473	nq	99
89) Benzo(k)fluoranthene	23.88	252	714014	52.528	nq	96
90) Benzo(a)pyrene	24.67	252	641411	49.745	nq	99
91) Dibenzo(a,h)anthracene	28.50	278	709890	53.826	nq	99
92) Benzo(g,h,i)perylene	29.58	276	709956	54.573	nq	97

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

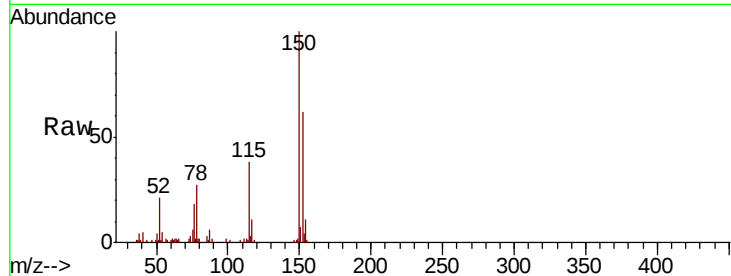


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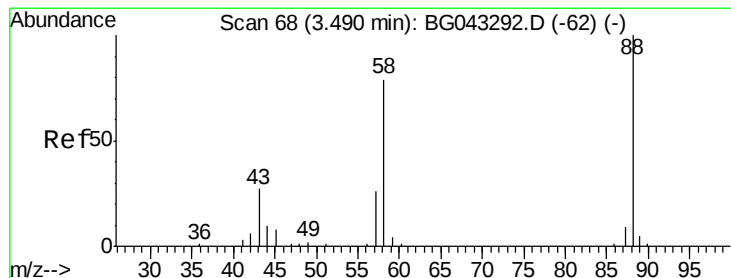
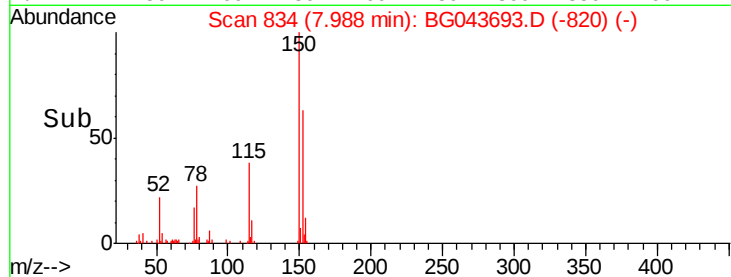
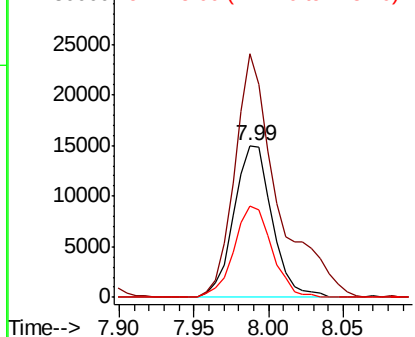
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26615
Ion Ratio Lower Upper
152 100
150 160.2 129.4 194.0
115 60.1 48.8 73.2



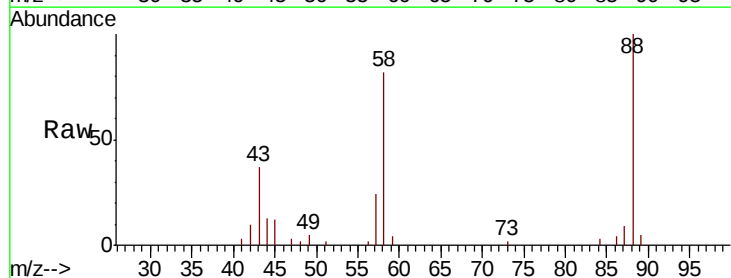
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



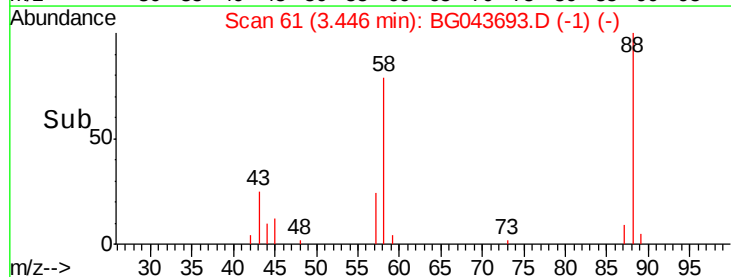
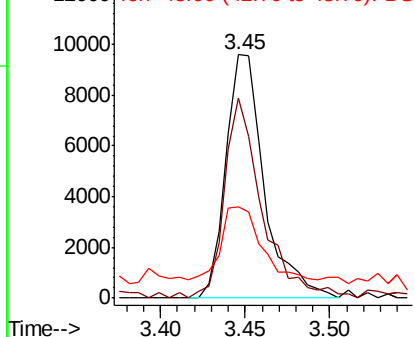
#2

1,4-Dioxane
Concen: 26.885 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.03 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion: 88 Resp: 15217
Ion Ratio Lower Upper
88 100
58 80.4 62.7 94.1
43 31.2 23.7 35.5



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: 20.024 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.03 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

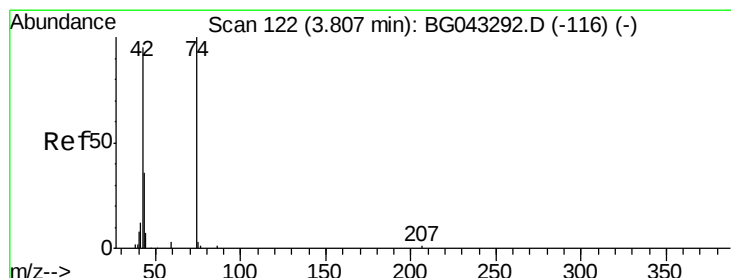
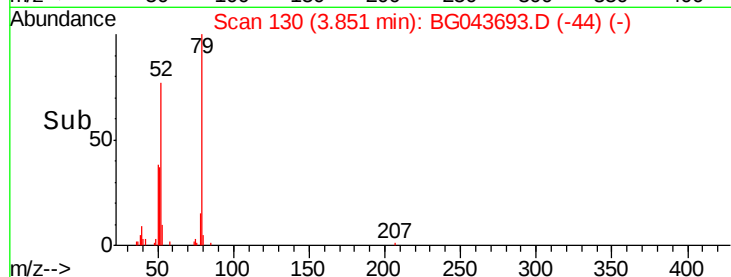
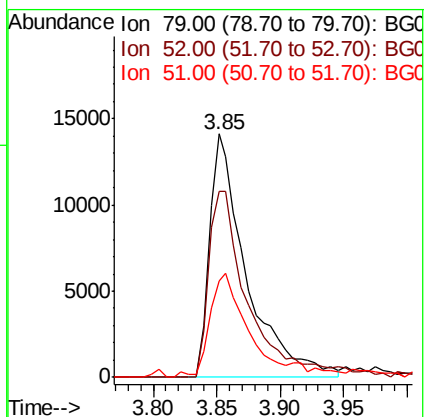
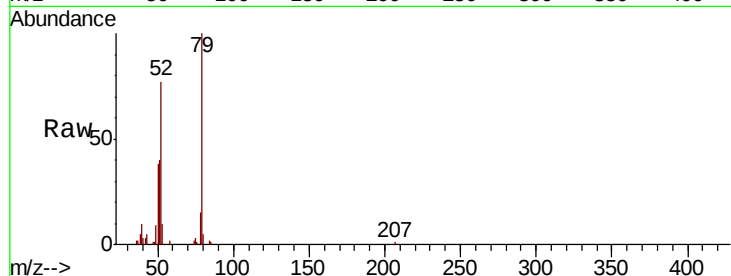
Tot Ion: 79 Resp: 28590

Ion Ratio Lower Upper

79 100

52 76.5 56.5 84.7

51 39.5 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 35.548 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

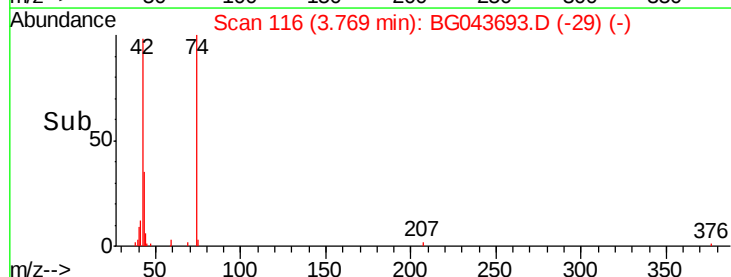
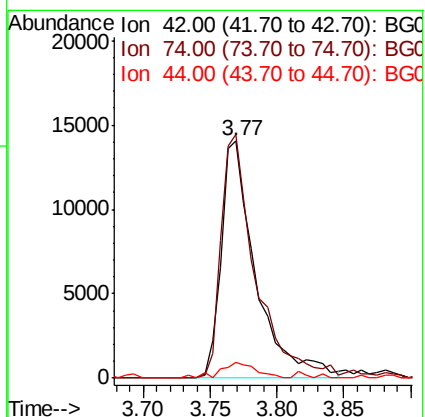
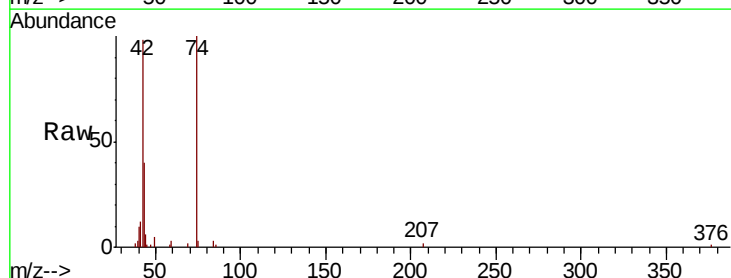
Tgt Ion: 42 Resp: 25611

Ion Ratio Lower Upper

42 100

74 102.5 97.3 145.9

44 6.4 4.4 6.6





#5

2-Fluorophenol

Concen: 94.210 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

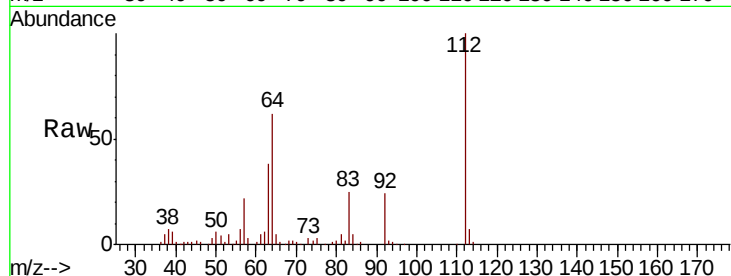
Tot Ion:112 Resp: 136834

Ion Ratio Lower Upper

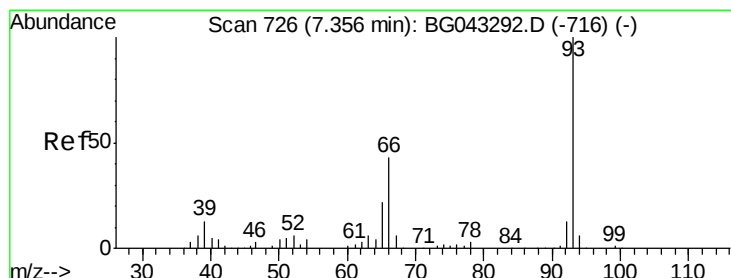
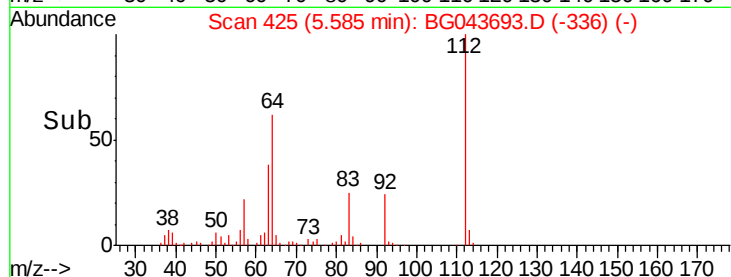
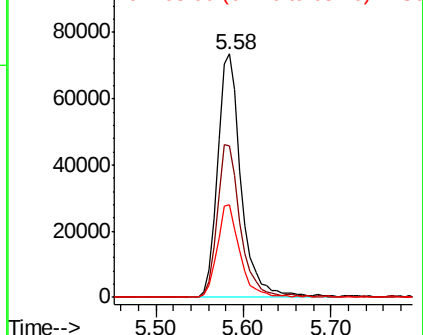
112 100

64 62.4 50.0 75.0

63 38.0 26.6 40.0



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: 20.298 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

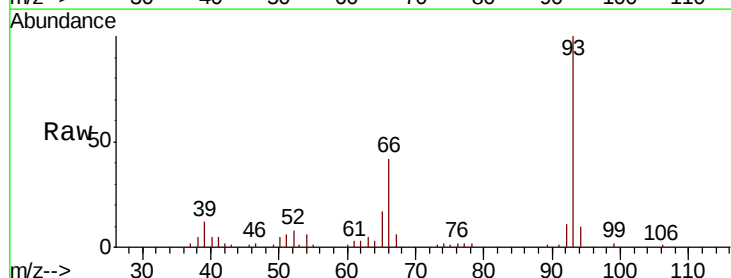
Tgt Ion: 93 Resp: 48863

Ion Ratio Lower Upper

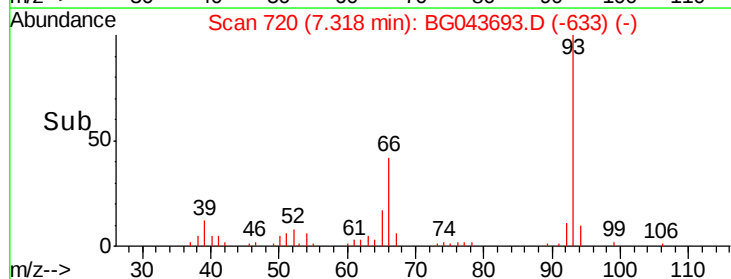
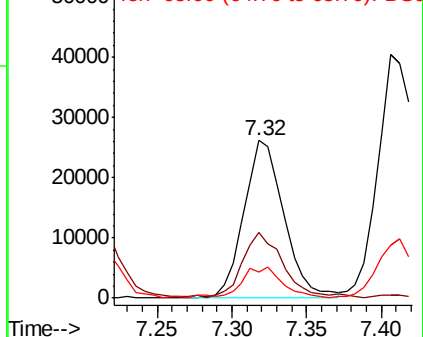
93 100

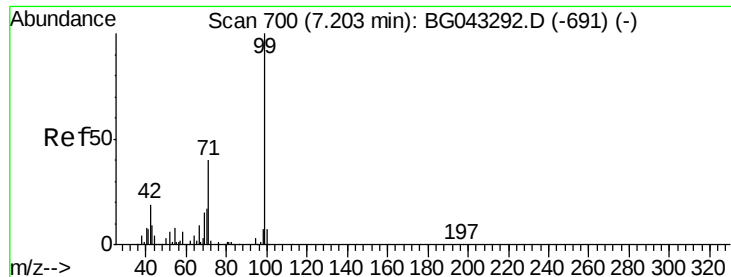
66 42.0 32.3 48.5

65 16.9 16.1 24.1



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: 60.058 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

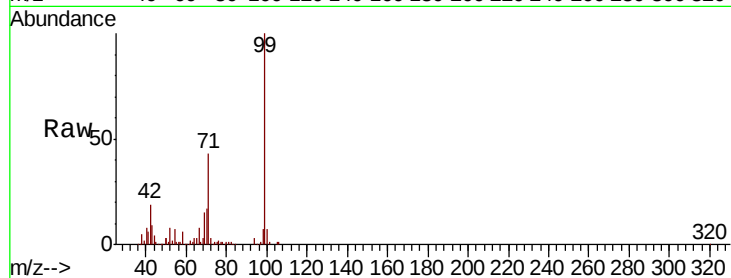
Tot Ion: 99 Resp: 125503

Ion Ratio Lower Upper

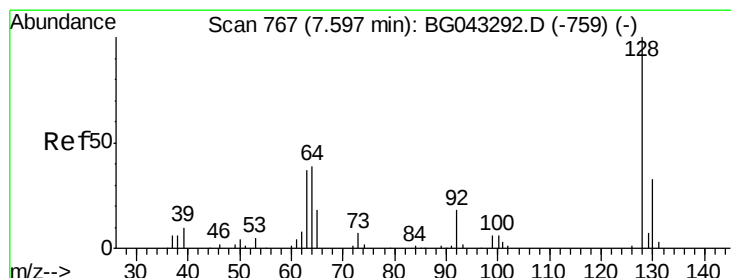
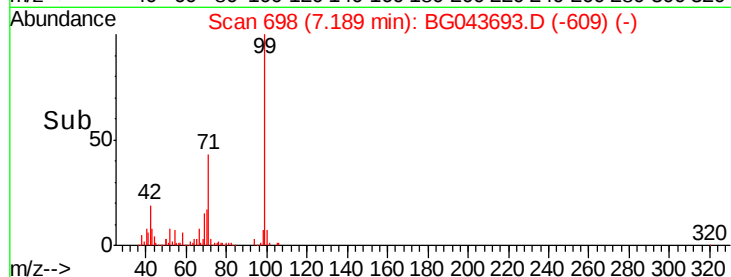
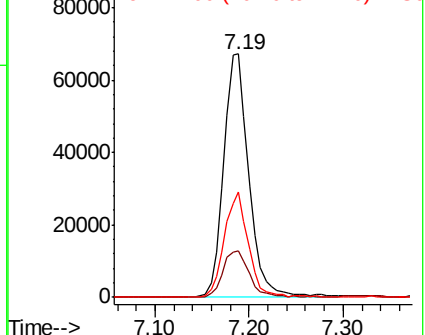
99 100

42 19.1 14.6 21.8

71 43.5 32.5 48.7



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



#8

2-Chlorophenol

Concen: 51.521 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

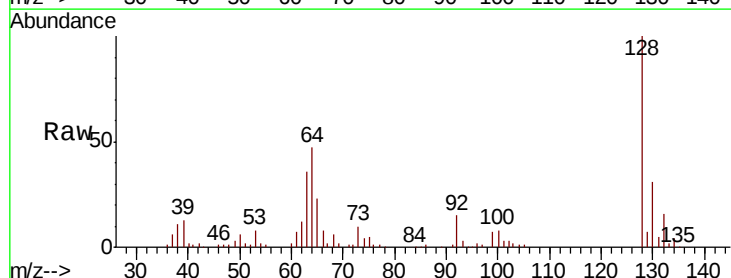
Tgt Ion:128 Resp: 82604

Ion Ratio Lower Upper

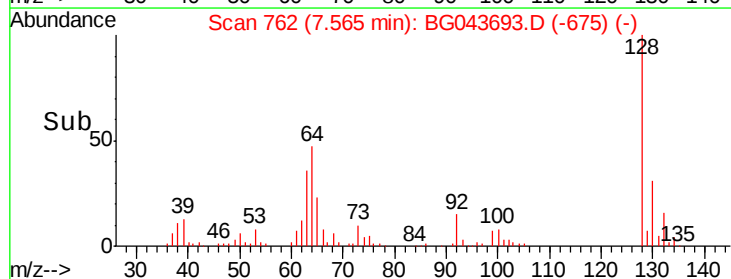
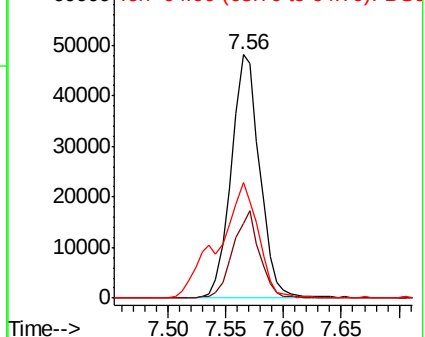
128 100

130 30.9 12.5 52.5

64 47.3 25.3 65.3



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





#9

Benzaldehyde

Concen: 36.059 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampled :

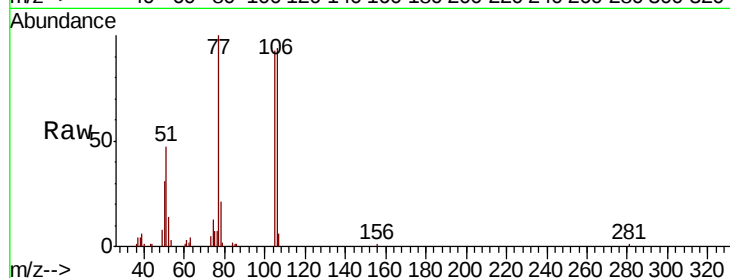
Tot Ion: 77 Resp: 37031

Ion Ratio Lower Upper

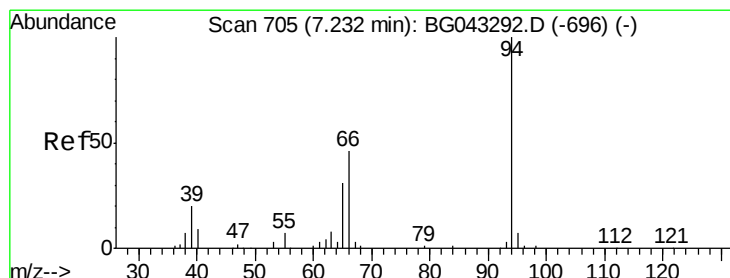
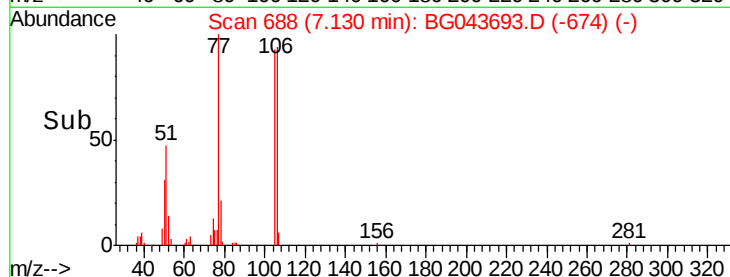
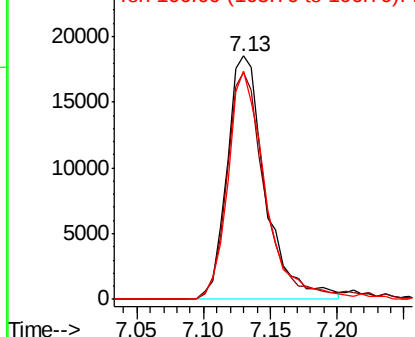
77 100

105 93.4 68.6 108.6

106 93.5 69.9 109.9



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: 23.998 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

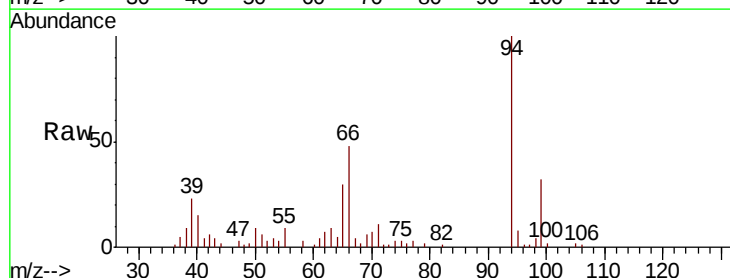
Tgt Ion: 94 Resp: 45825

Ion Ratio Lower Upper

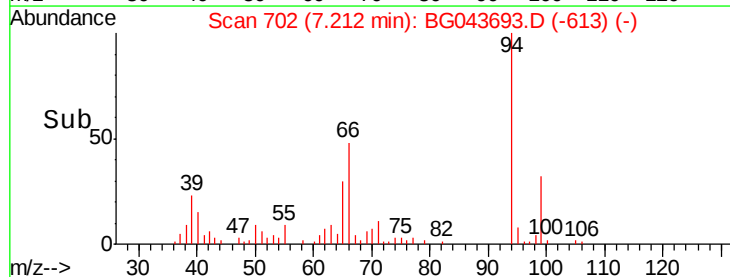
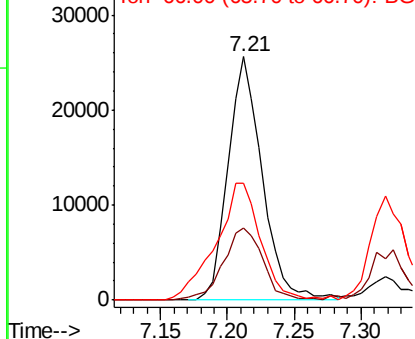
94 100

65 29.6 12.6 52.6

66 48.2 30.7 70.7



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

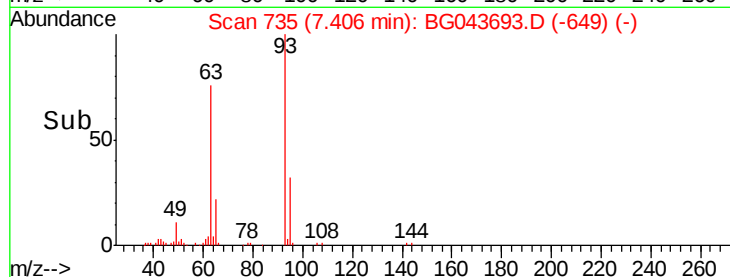
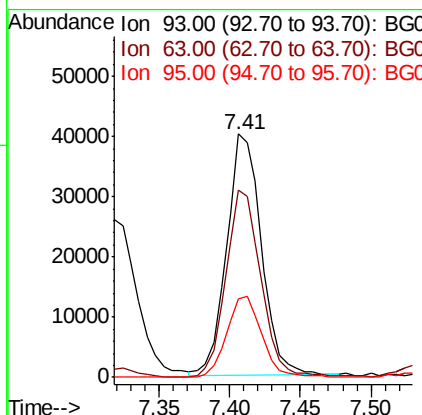
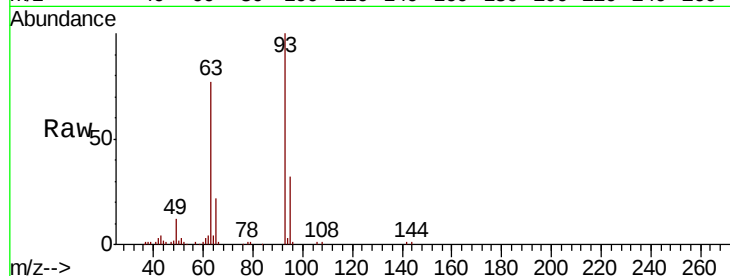




#11
bis(2-Chloroethyl)ether
Concen: 46.734 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.03 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

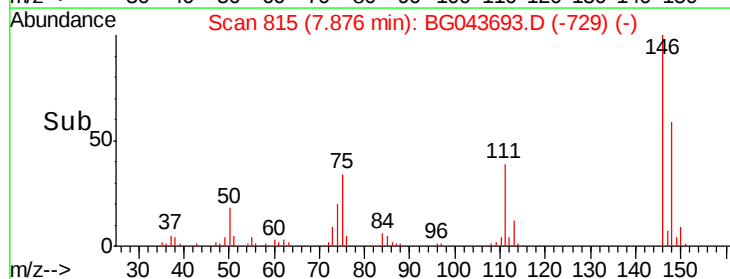
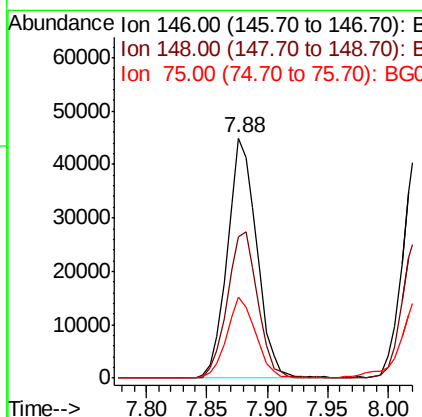
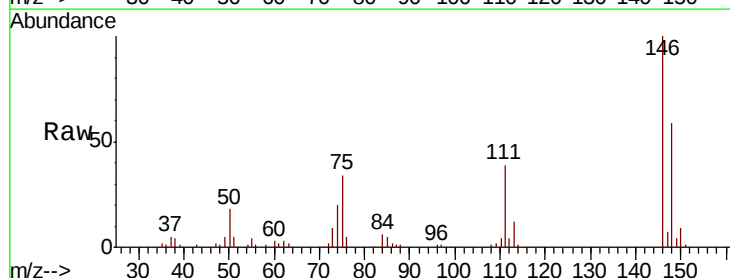
Instrument :
BNA_G
ClientSampleId :

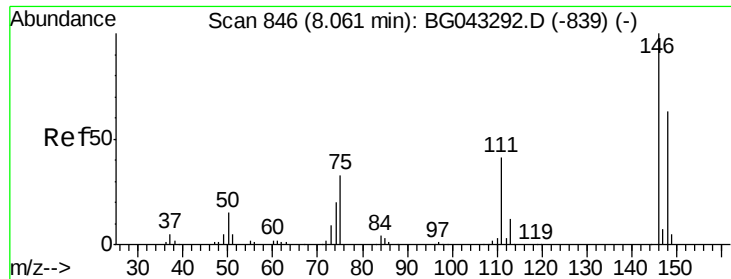
Tot Ion	93	Resp	68996
Ion	Ratio	Lower	Upper
93	100		
63	76.9	56.3	96.3
95	32.2	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 37.696 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.03 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	146	Resp	75724
Ion	Ratio	Lower	Upper
146	100		
148	59.1	50.3	75.5
75	34.0	24.6	37.0

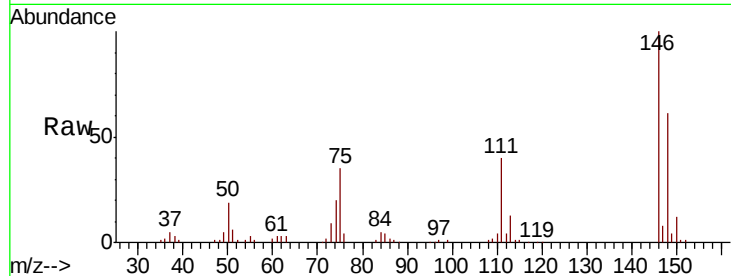




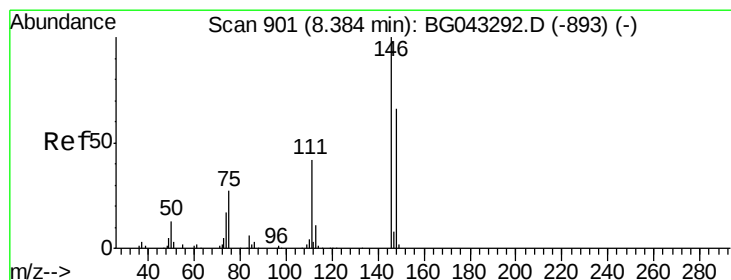
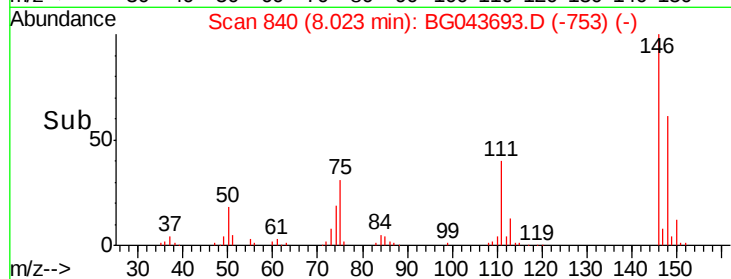
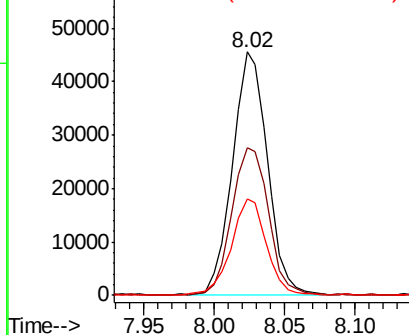
#13
 1,4-Dichlorobenzene
 Concen: 38.792 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 78842
 Ion Ratio Lower Upper
 146 100
 148 60.5 50.7 76.1
 111 39.7 33.4 50.2

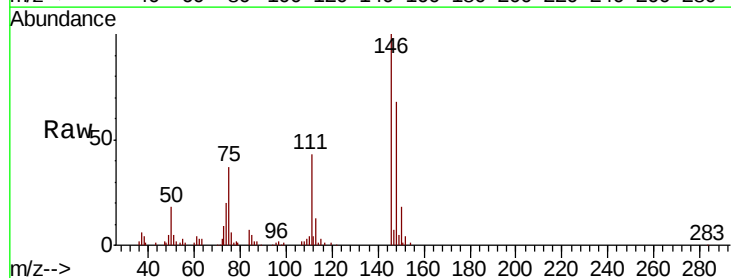


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

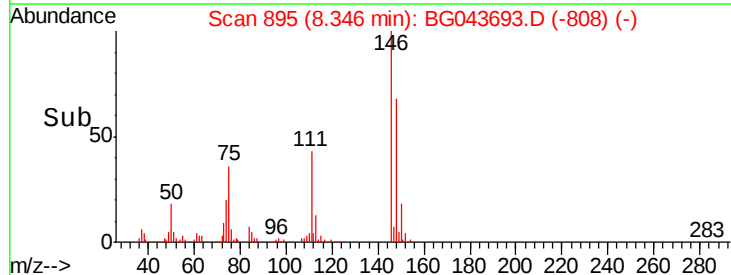
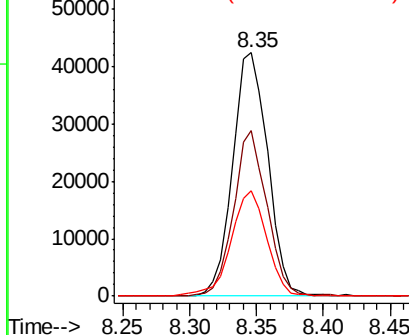


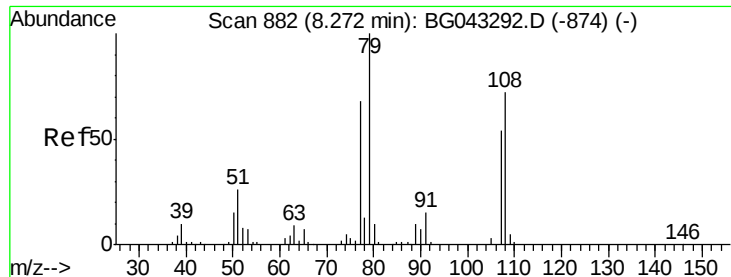
#14
 1,2-Dichlorobenzene
 Concen: 39.014 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion:146 Resp: 77422
 Ion Ratio Lower Upper
 146 100
 148 68.0 53.2 79.8
 111 43.5 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 44.855 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

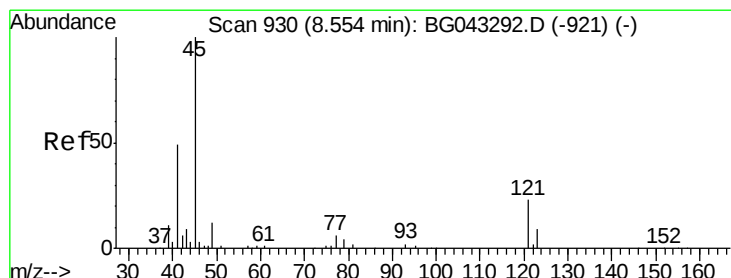
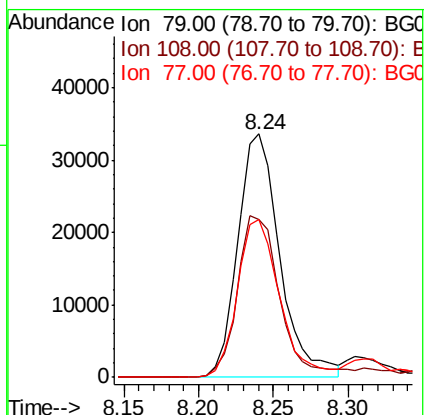
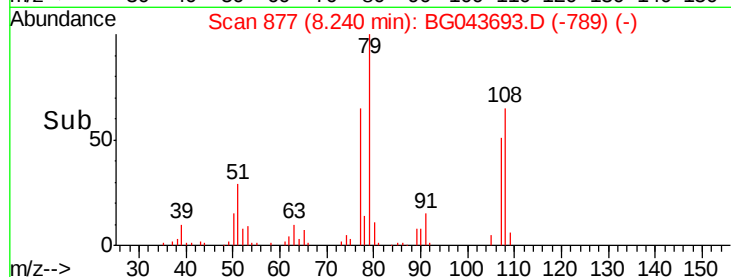
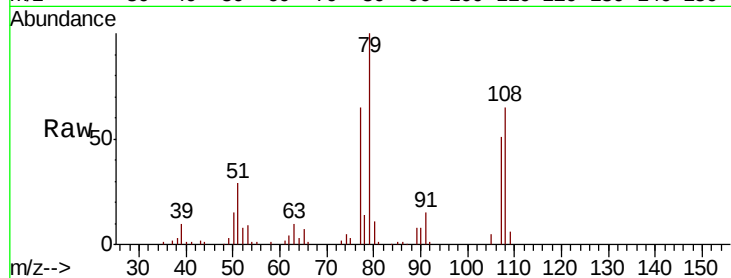
Tot Ion: 79 Resp: 65830

Ion Ratio Lower Upper

79 100

108 65.0 53.6 80.4

77 64.6 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.304 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.03 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

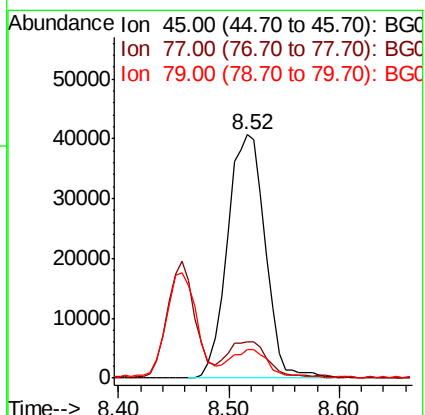
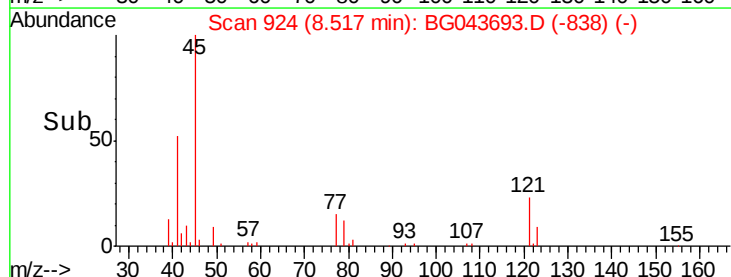
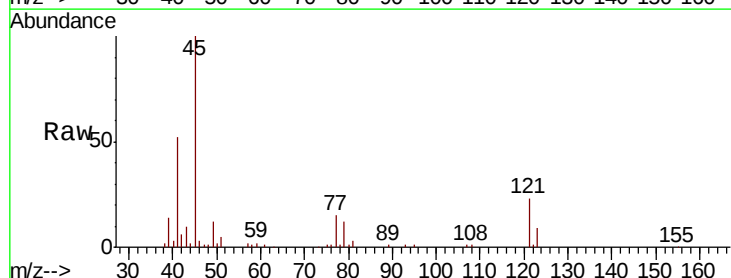
Tgt Ion: 45 Resp: 97257

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.9

79 11.9 0.0 33.0

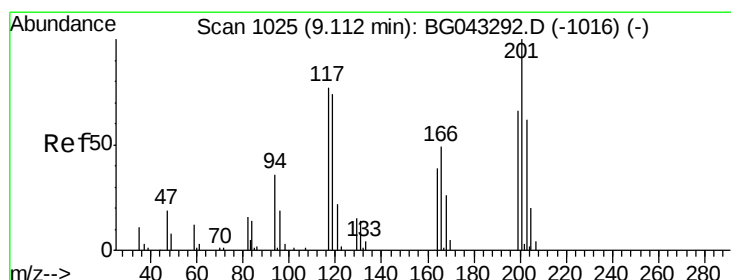
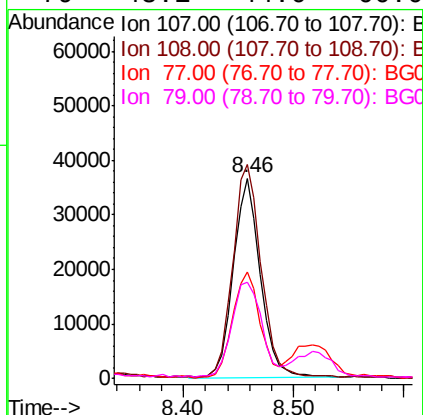
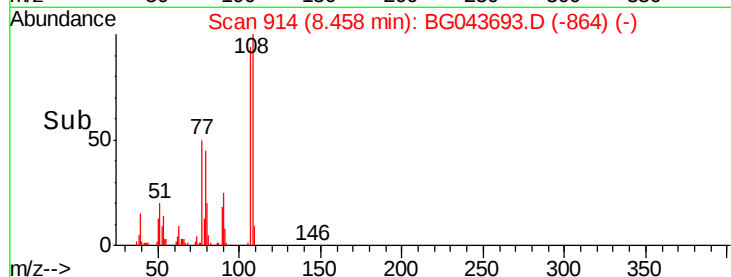
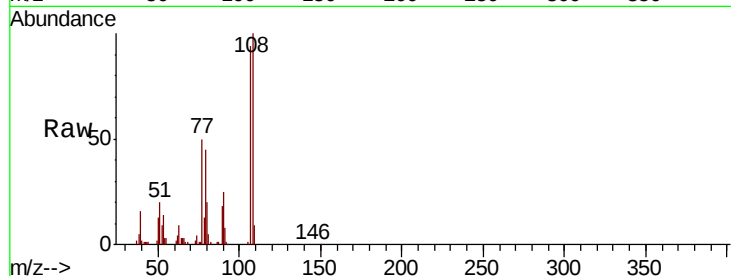




#17
2-Methylphenol
Concen: 45.254 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

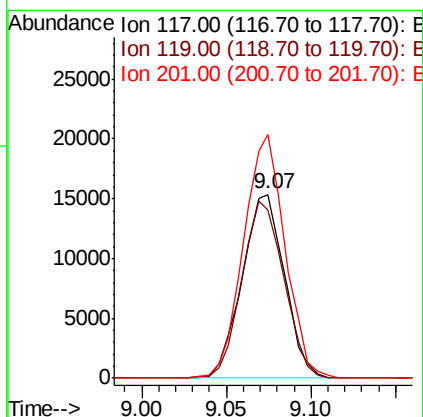
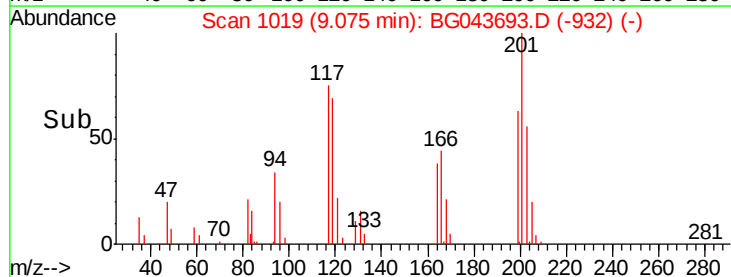
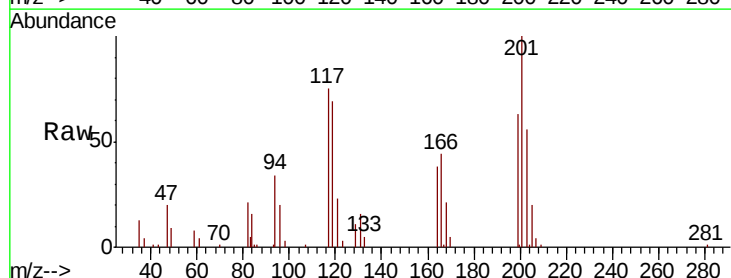
Instrument :
BNA_G
ClientSampleId :

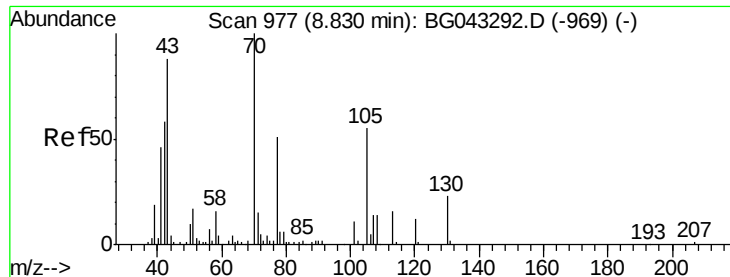
Tot Ion:	107	Resp:	62996
Ion	Ratio	Lower	Upper
107	100		
108	106.7	90.2	135.4
77	53.0	40.2	60.2
79	48.1	44.0	66.0



#18
Hexachloroethane
Concen: 36.487 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion:	117	Resp:	26755
Ion	Ratio	Lower	Upper
117	100		
119	91.6	79.0	118.4
201	132.7	105.4	158.2

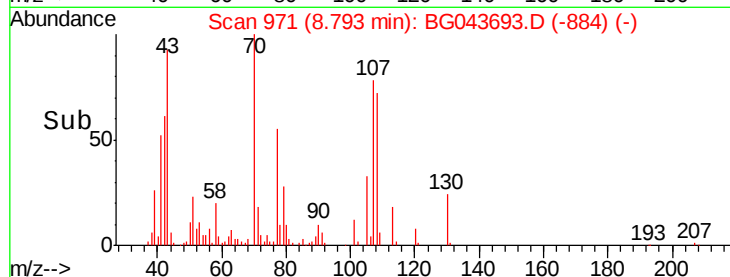
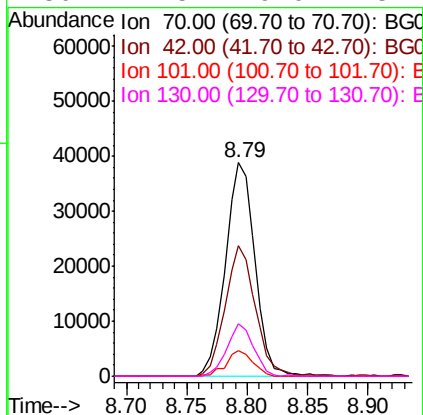
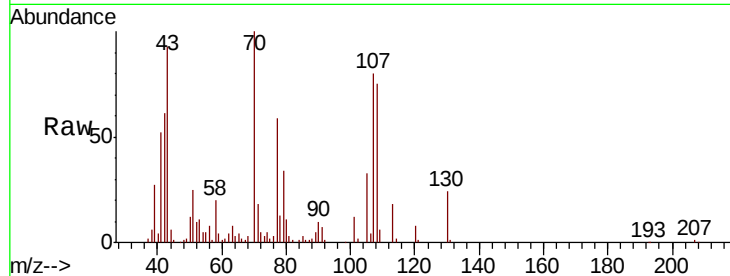




#19
n-Nitroso-di-n-propylamine
Concen: 48.584 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

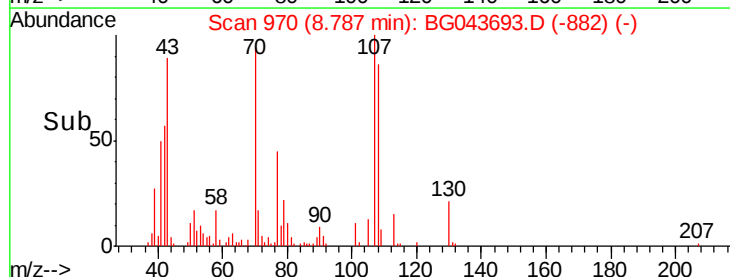
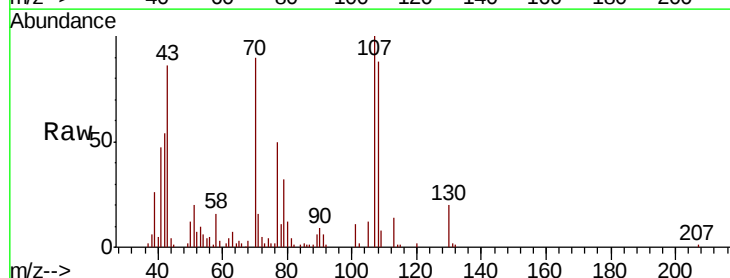
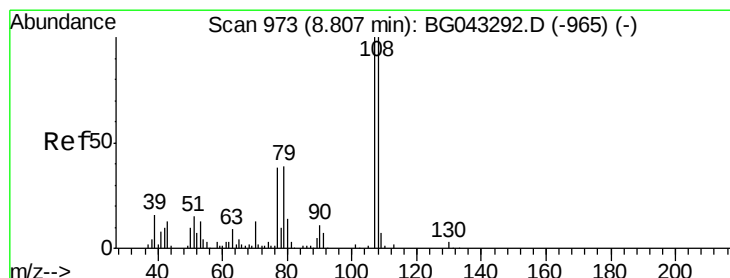
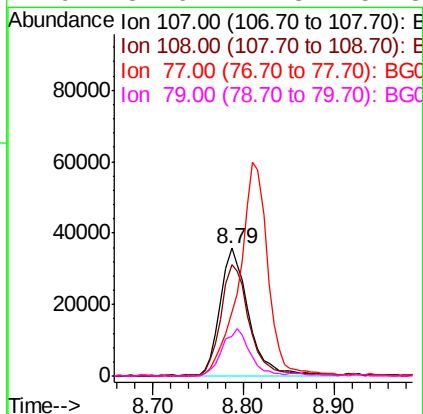
Instrument :
BNA_G
ClientSampleId :

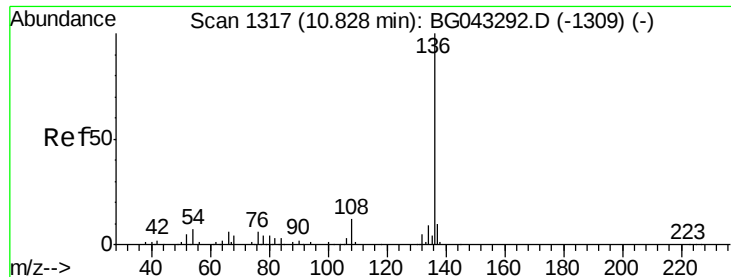
Tot Ion: 70 Resp: 65604
Ion Ratio Lower Upper
70 100
42 61.3 41.4 62.2
101 12.2 7.9 11.9#
130 24.5 19.0 28.4



#20
3+4-Methylphenols
Concen: 41.270 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion:107 Resp: 78779
Ion Ratio Lower Upper
107 100
108 87.7 66.6 106.6
77 50.2 20.9 60.9
79 31.6 11.3 51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 104776

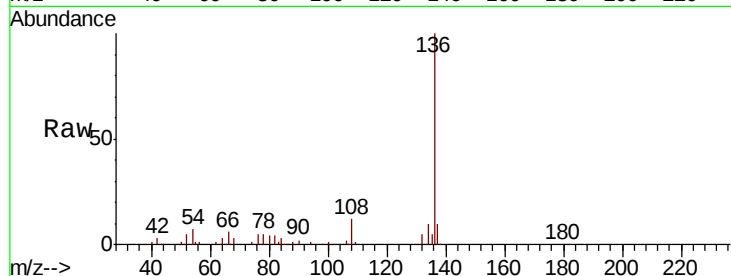
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 7.2 5.4 8.2

68 3.0 3.0 4.4

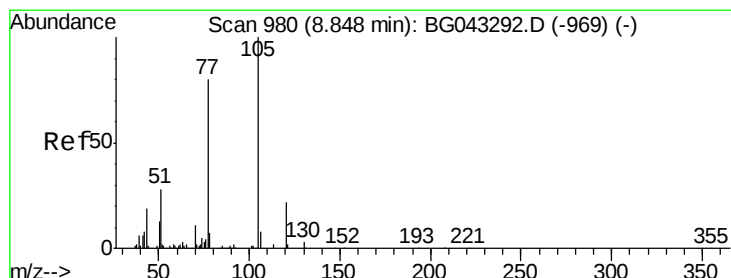
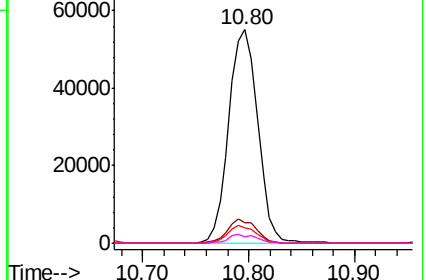
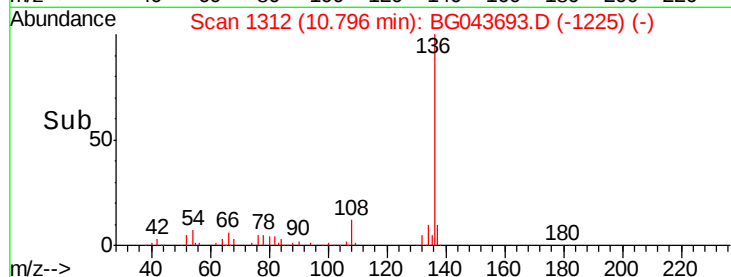


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 48.262 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:105 Resp: 129496

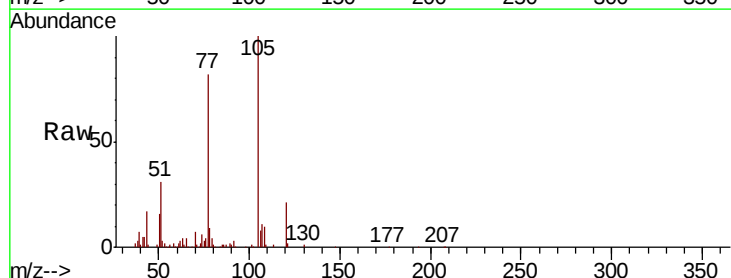
Ion Ratio Lower Upper

105 100

71 0.9 0.8 1.2

51 31.1 21.0 31.4

120 20.9 18.0 27.0

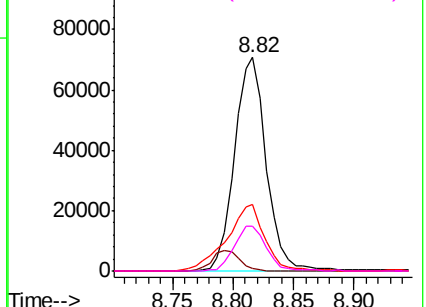
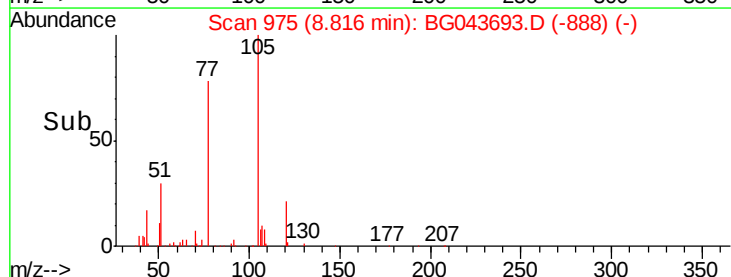


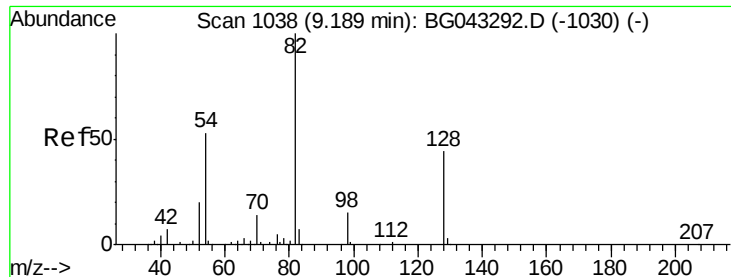
Abundance Ion 105.00 (104.70 to 105.70): E

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: 92.267 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

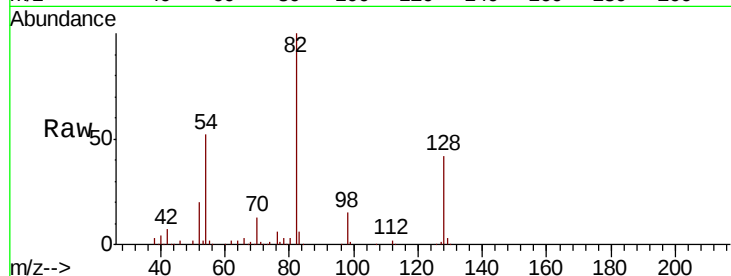
Tot Ion: 82 Resp: 187518

Ion Ratio Lower Upper

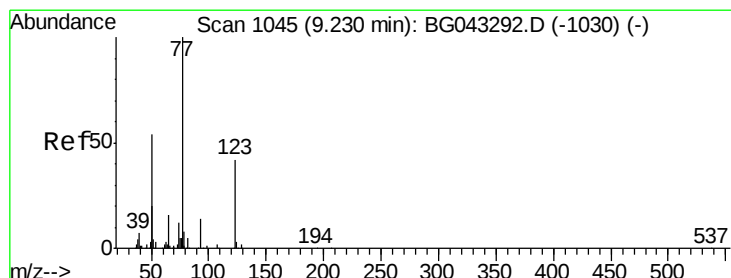
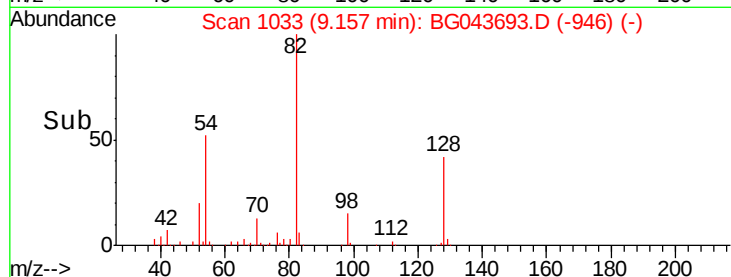
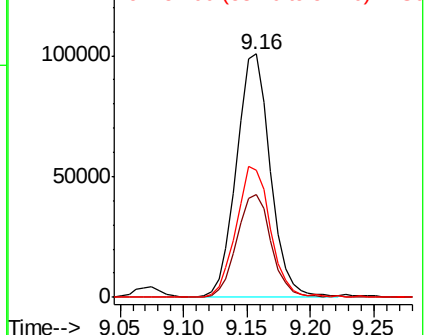
82 100

128 42.5 35.0 52.6

54 52.2 40.2 60.2



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



#24

Nitrobenzene

Concen: 51.924 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

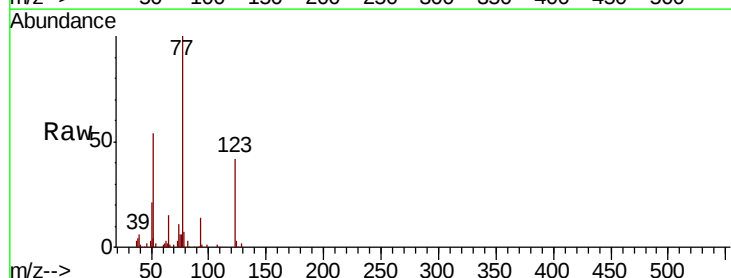
Tgt Ion: 77 Resp: 100526

Ion Ratio Lower Upper

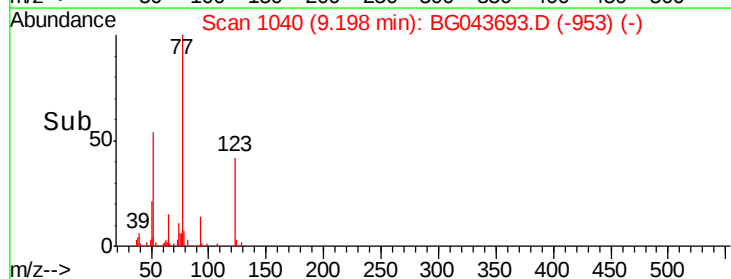
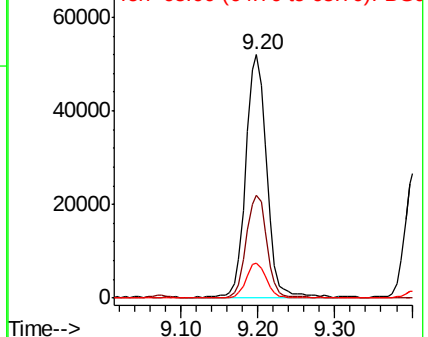
77 100

123 42.2 35.0 52.6

65 14.6 9.5 14.3#



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





#25

Isophorone

Concen: 48.983 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampled :

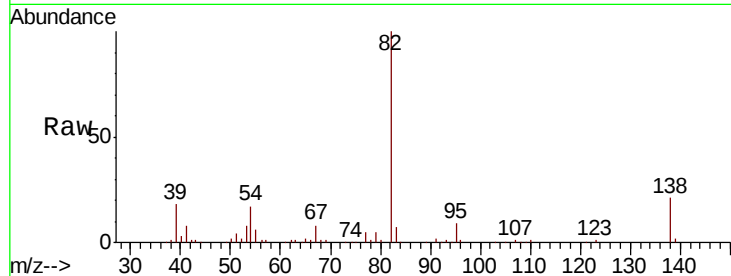
Tot Ion: 82 Resp: 182004

Ion Ratio Lower Upper

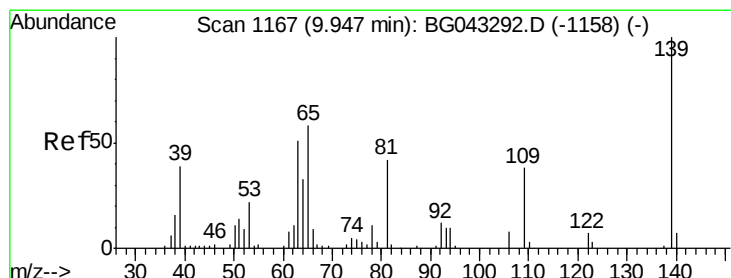
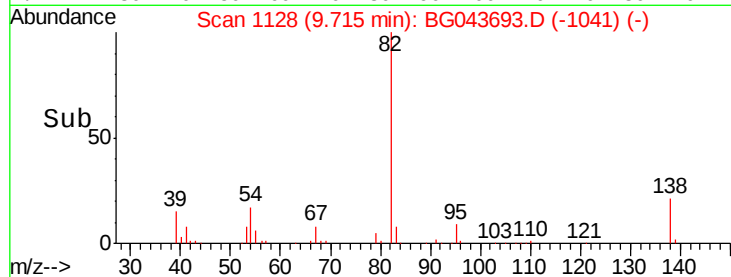
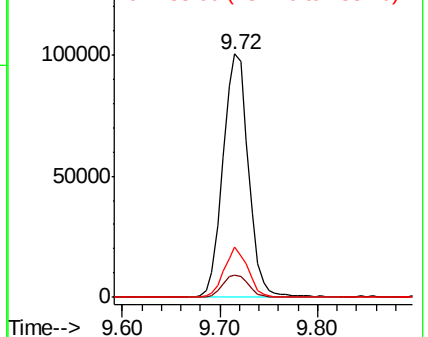
82 100

95 9.0 6.6 9.8

138 20.5 15.2 22.8



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: 53.269 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

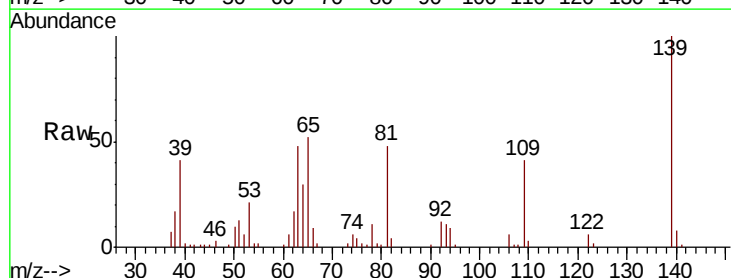
Tgt Ion: 139 Resp: 49789

Ion Ratio Lower Upper

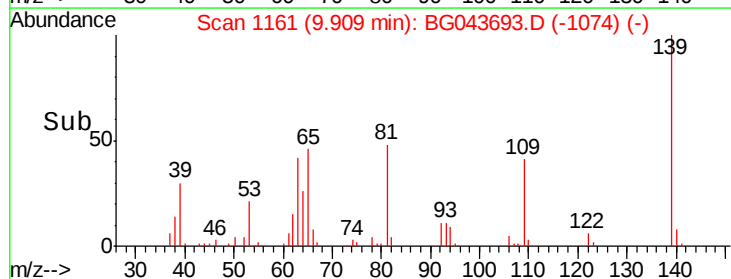
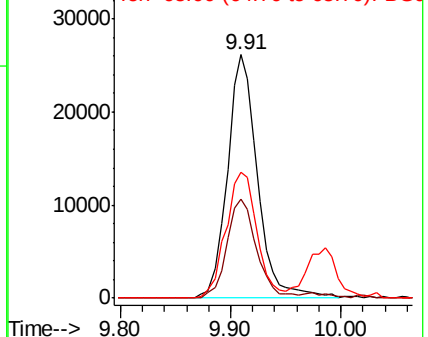
139 100

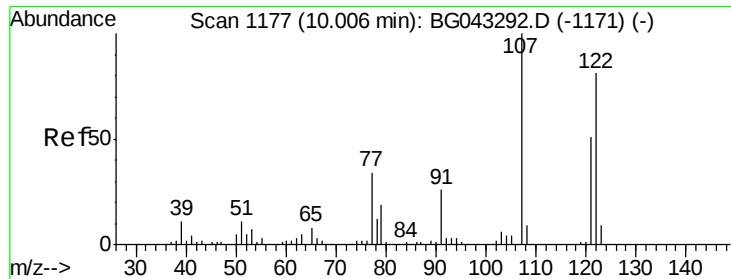
109 40.8 26.5 39.7#

65 51.6 43.8 65.8



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

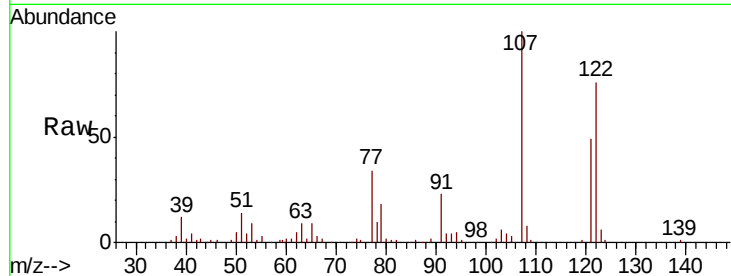




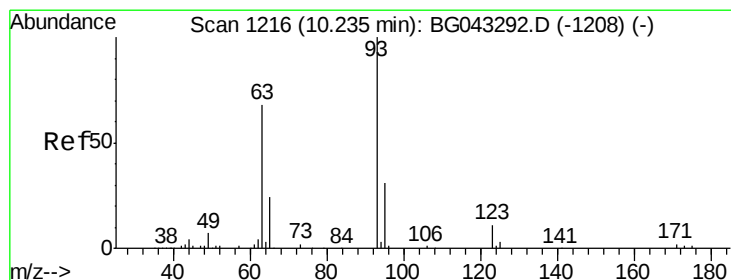
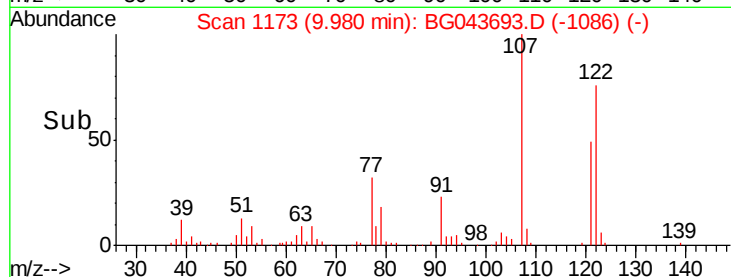
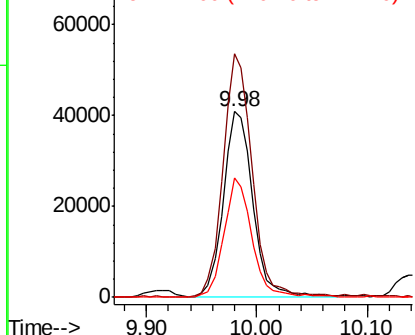
#27
2,4-Dimethylphenol
Concen: 56.641 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 75879
Ion Ratio Lower Upper
122 100
107 131.0 104.4 156.6
121 64.0 47.2 70.8

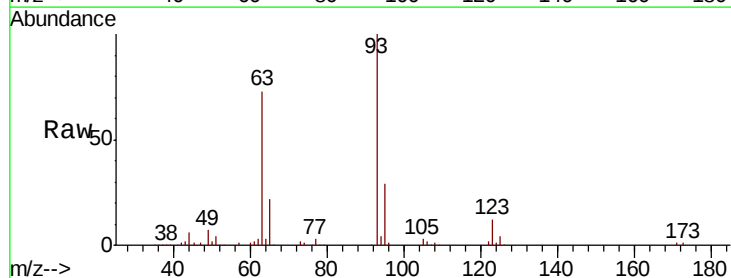


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

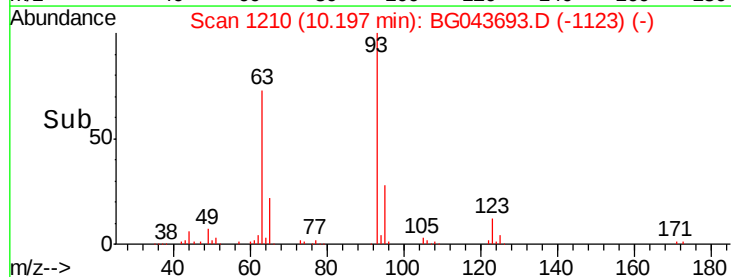
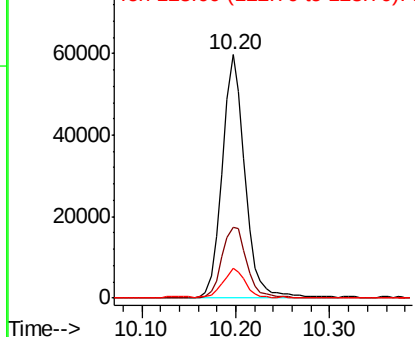


#28
bis(2-Chloroethoxy)methane
Concen: 49.067 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion: 93 Resp: 100624
Ion Ratio Lower Upper
93 100
95 28.9 26.0 39.0
123 12.4 10.6 15.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 53.471 ng

RT: 10.46 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampled :

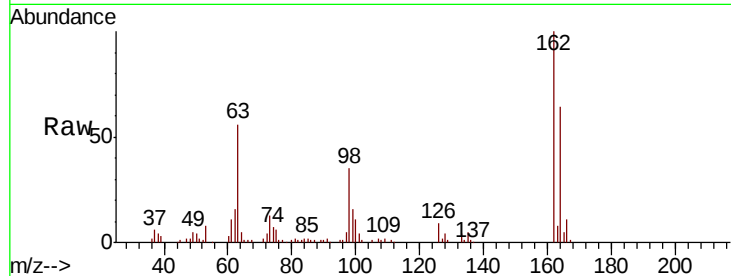
Tot Ion:162 Resp: 91781

Ion Ratio Lower Upper

162 100

164 64.4 48.9 88.9

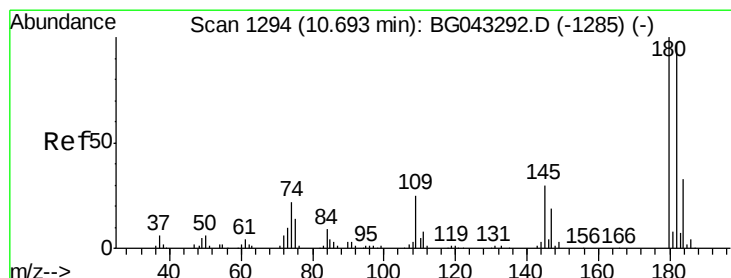
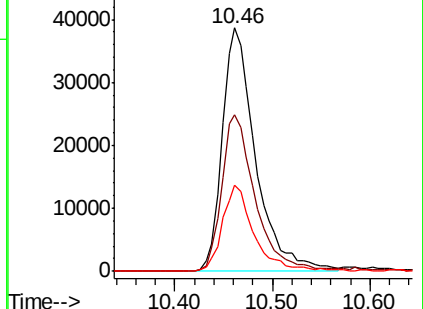
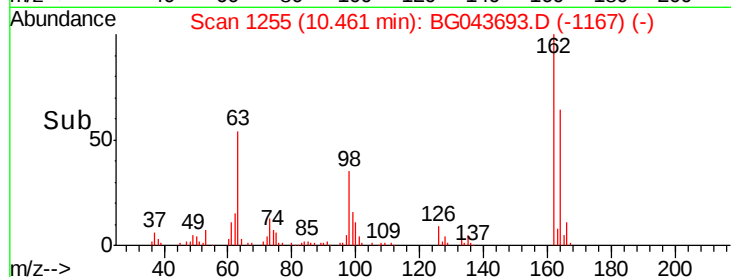
98 35.5 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 41.575 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

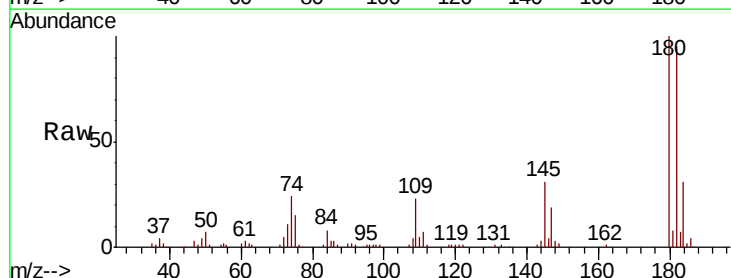
Tgt Ion:180 Resp: 89941

Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

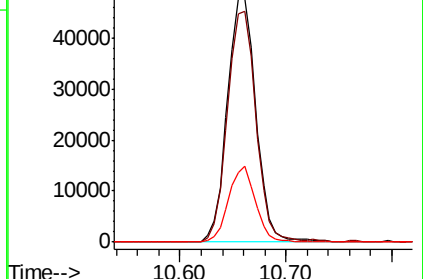
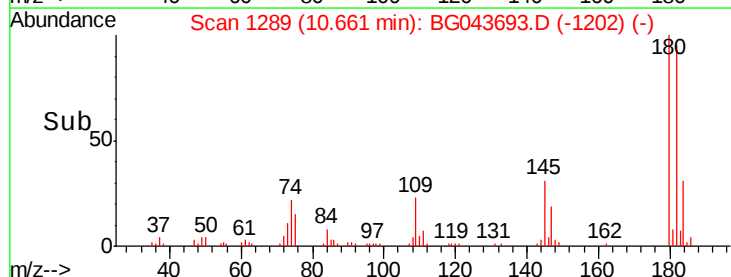
145 31.2 23.9 35.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

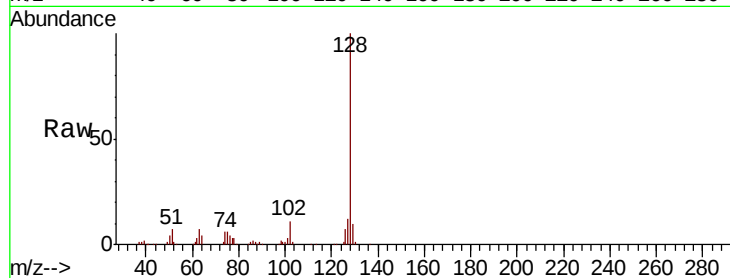




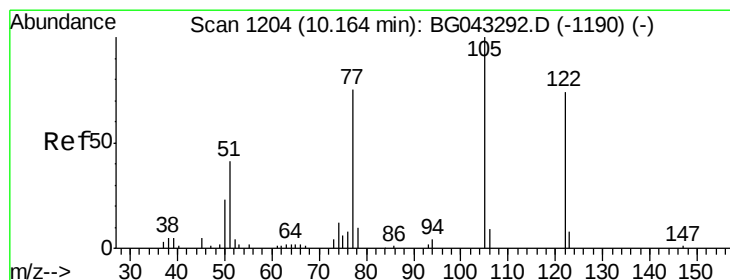
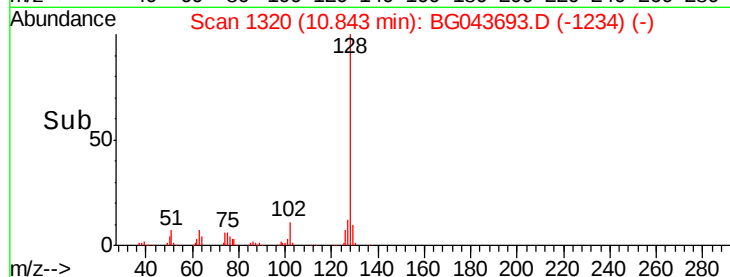
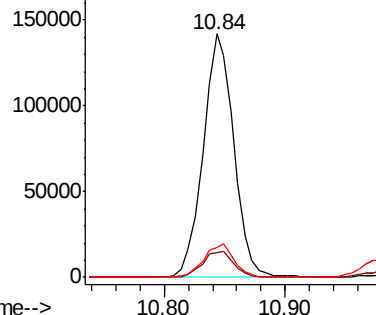
#31
Naphthalene
Concen: 47.040 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 250176
Ion Ratio Lower Upper
128 100
129 10.3 9.4 14.0
127 12.4 11.1 16.7

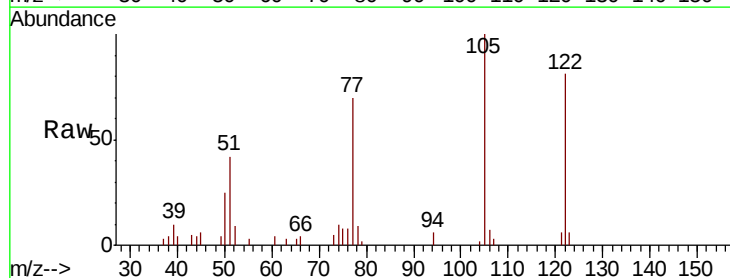


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

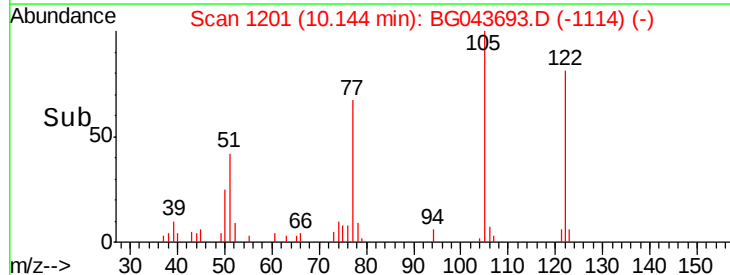
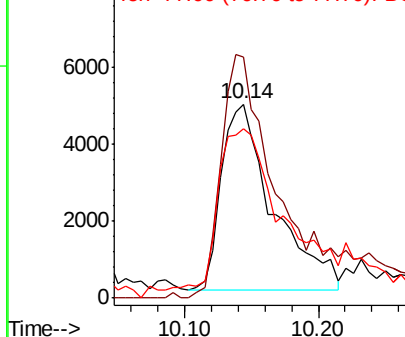


#32
Benzoic acid
Concen: 19.360 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion:122 Resp: 12997
Ion Ratio Lower Upper
122 100
105 123.8 103.3 143.3
77 86.8 84.9 124.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

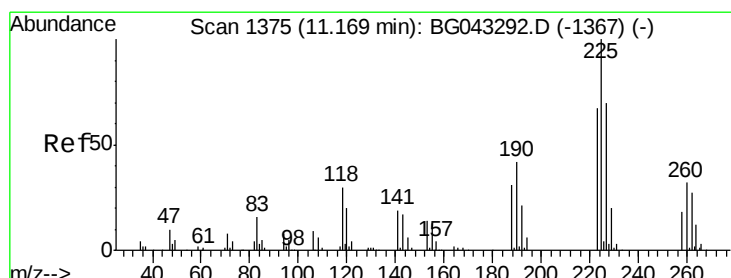
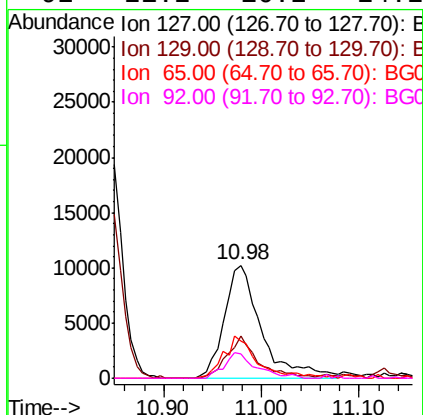
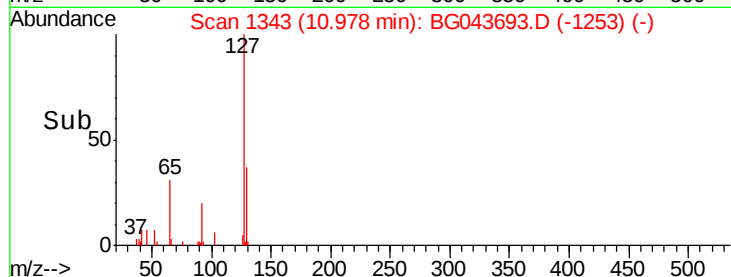
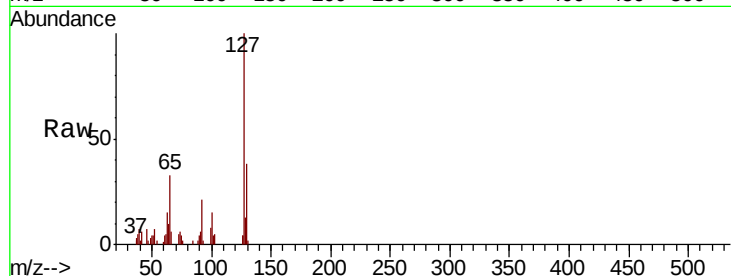




#33
4-Chloroaniline
Concen: 12.446 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

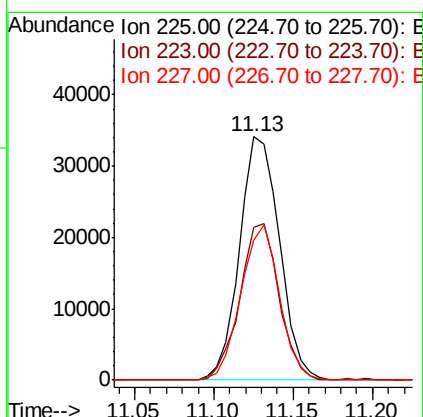
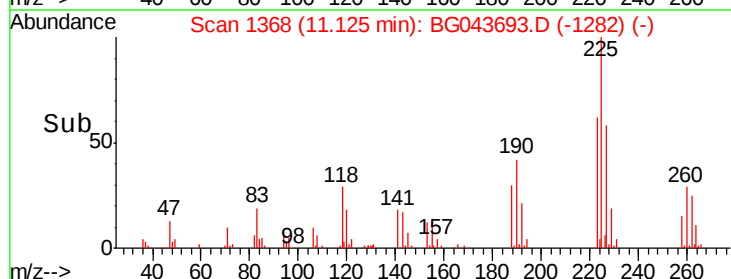
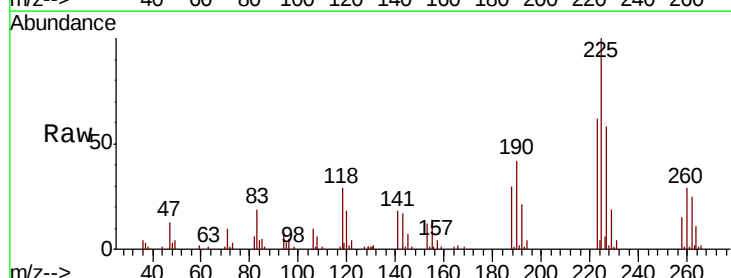
Instrument :
BNA_G
ClientSampled :

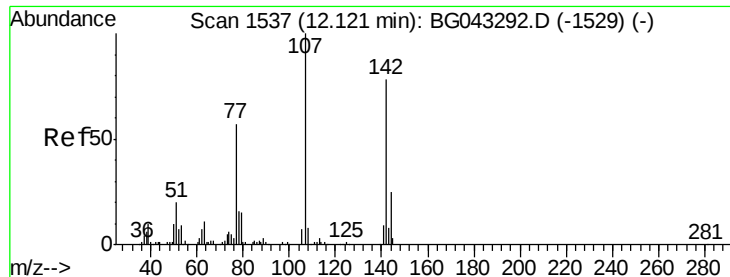
Tot Ion:127	Resp:	27133
Ion Ratio	Lower	Upper
127	100	
129	37.7	26.5 39.7
65	32.9	26.4 39.6
92	21.2	16.2 24.2



#34
Hexachlorobutadiene
Concen: 37.354 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion:225	Resp:	59736
Ion Ratio	Lower	Upper
225	100	
223	62.5	52.7 79.1
227	57.6	54.8 82.2

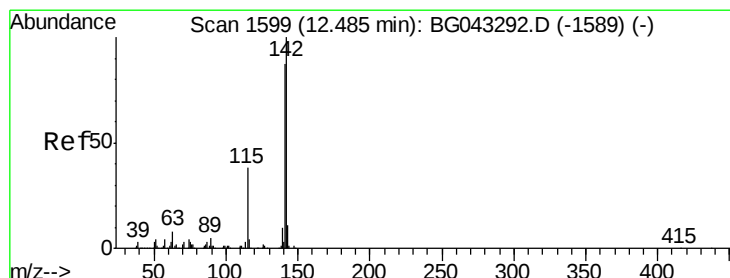
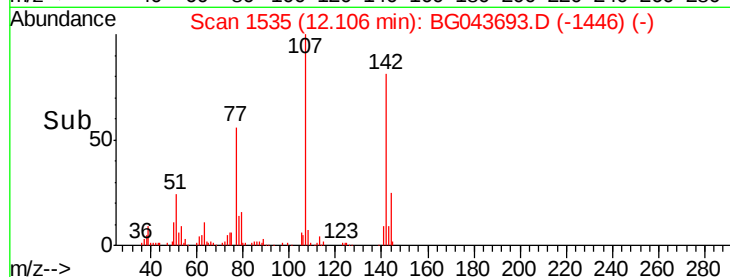
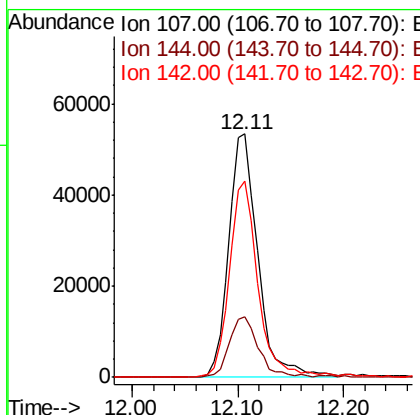
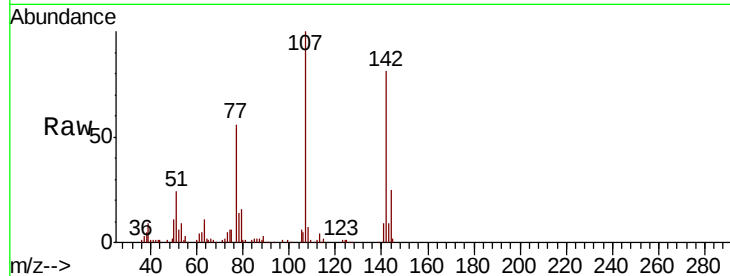




#36
 4-Chloro-3-methylphenol
 Concen: 54.194 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

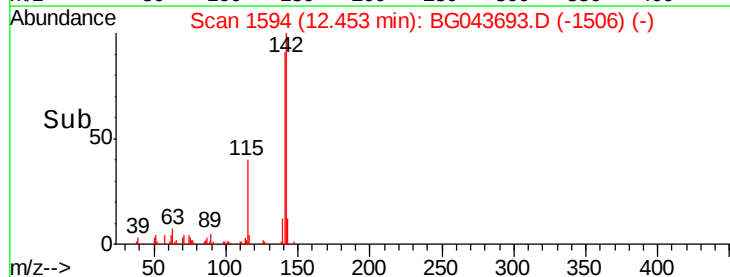
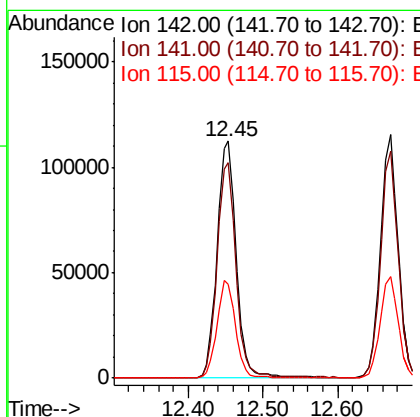
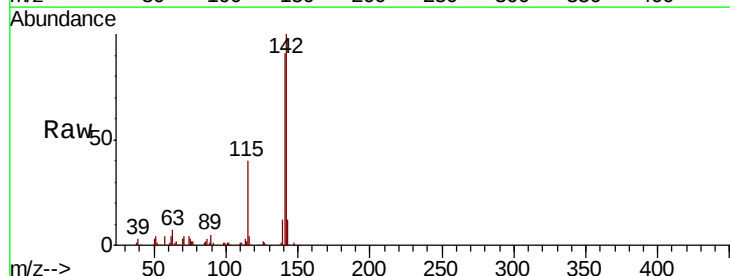
Instrument :
 BNA_G
 ClientSampleId :

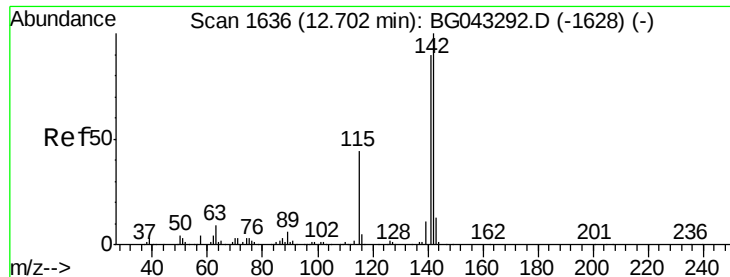
Tot Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.9	31.3
142	80.8	59.6	89.4



#37
 2-Methylnaphthalene
 Concen: 49.164 ng
 RT: 12.45 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.2	108.2
115	39.9	33.2	49.8

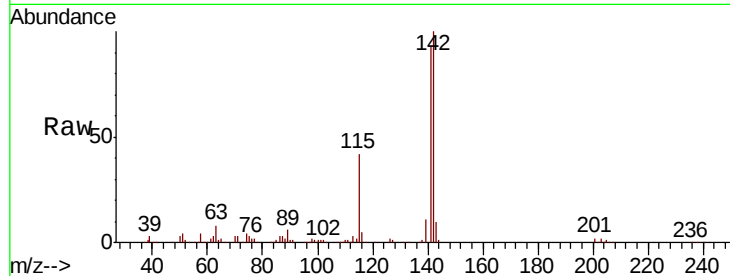




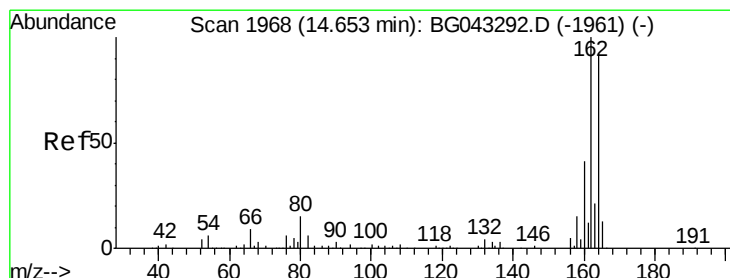
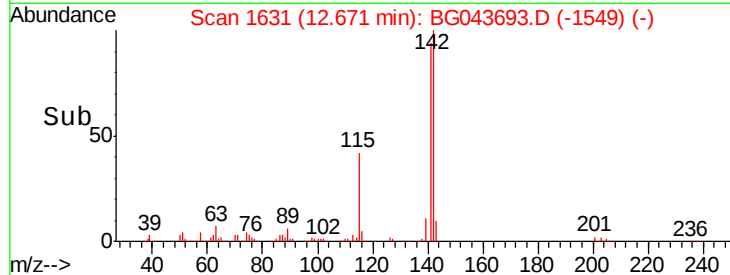
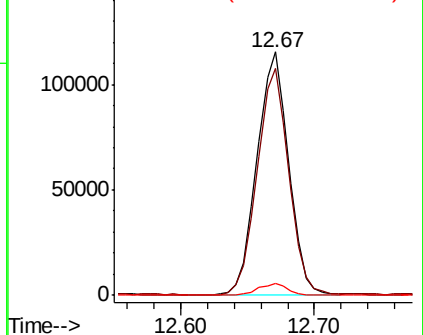
#38
 1-Methylnaphthalene
 Concen: 48.367 ng
 RT: 12.67 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 187794
 Ion Ratio Lower Upper
 142 100
 141 93.3 73.2 109.8
 116 4.9 3.6 5.4

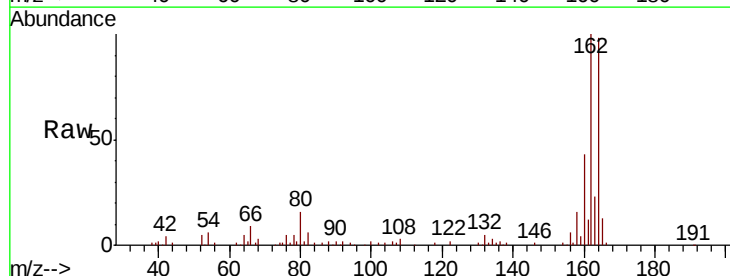


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

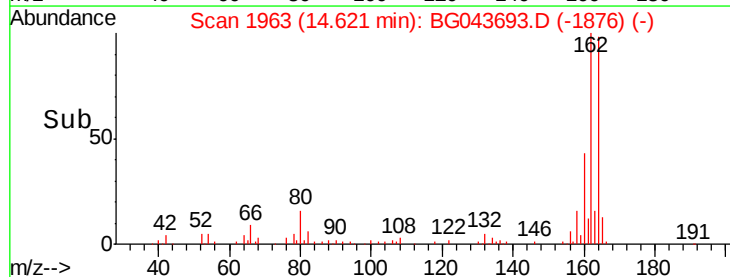
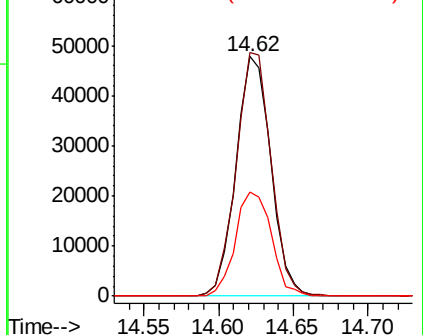


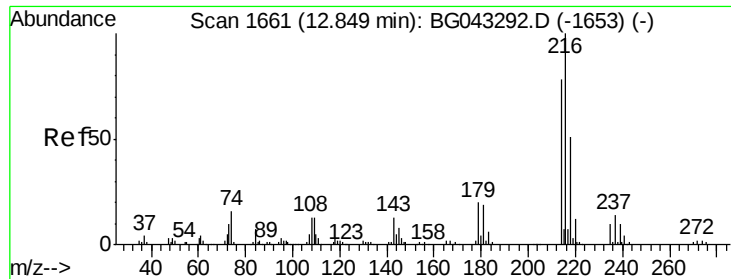
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion:164 Resp: 77595
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.5 125.3
 160 43.8 36.5 54.7



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: 45.849 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 131664

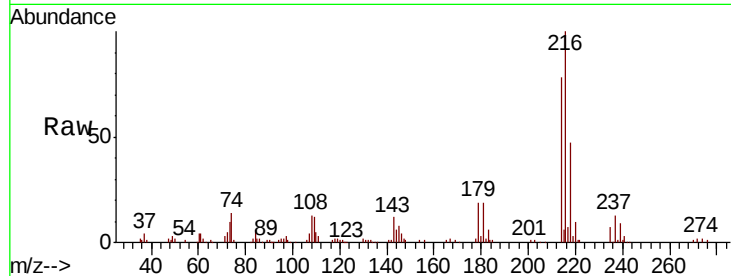
Ion Ratio Lower Upper

216 100

214 76.6 61.7 92.5

179 19.8 15.8 23.8

108 15.1 11.5 17.3

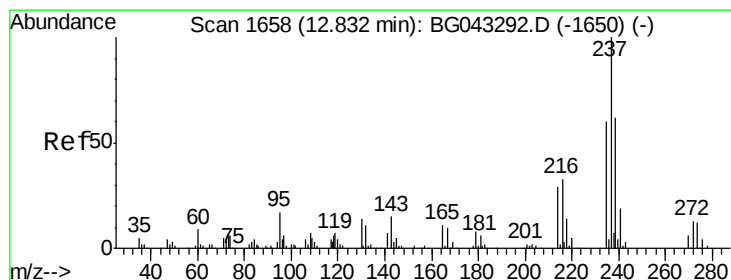
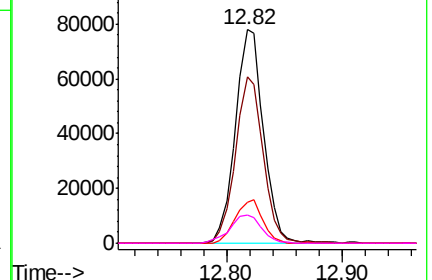
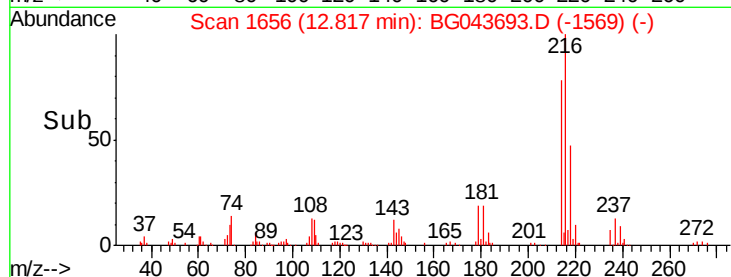


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.200 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

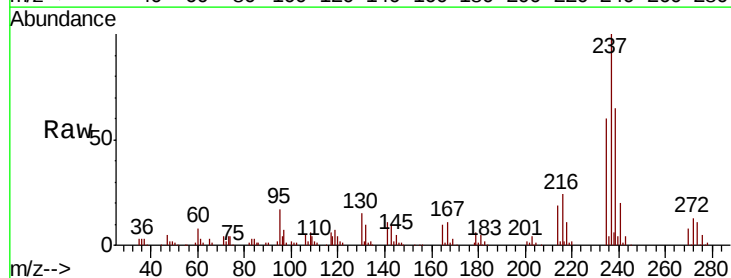
Tgt Ion:237 Resp: 98355

Ion Ratio Lower Upper

237 100

235 60.0 41.6 81.6

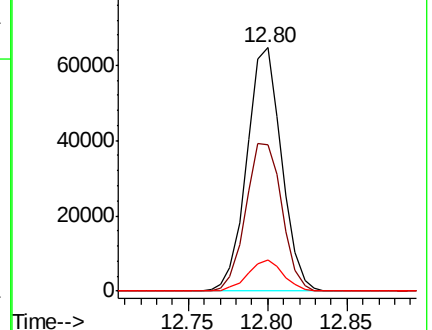
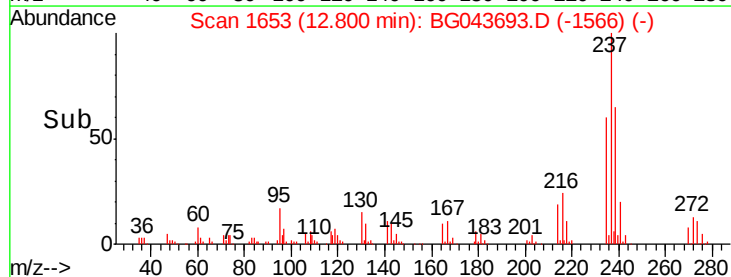
272 13.0 0.0 32.5

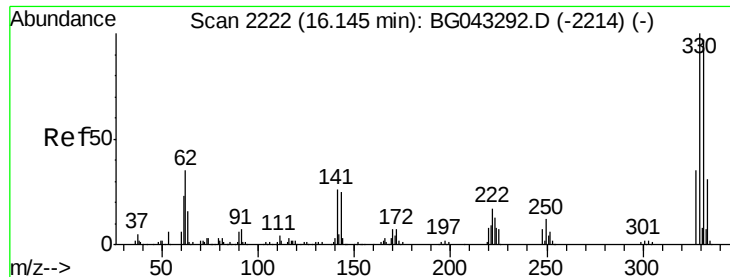


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

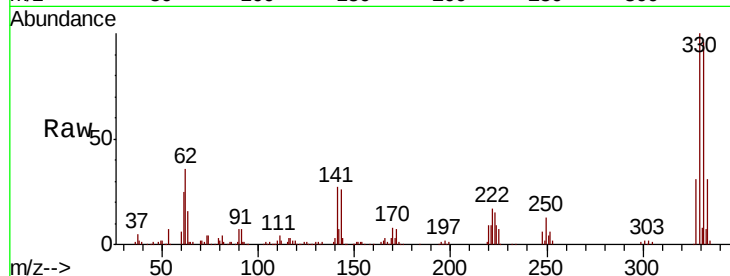




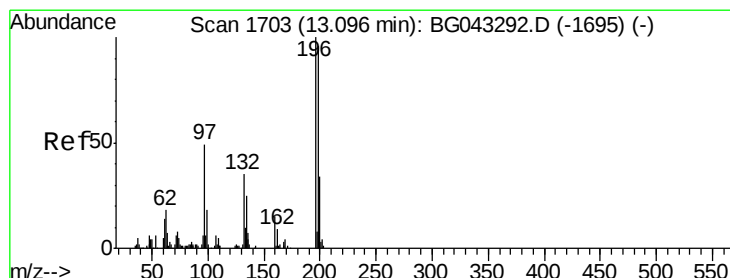
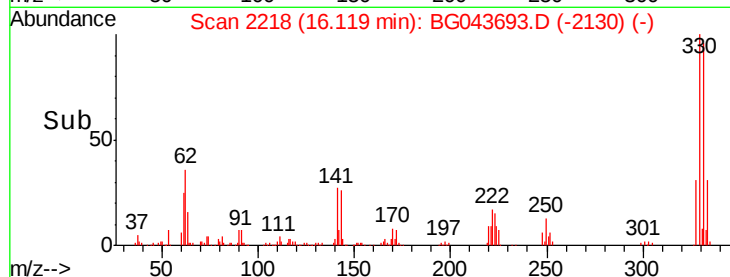
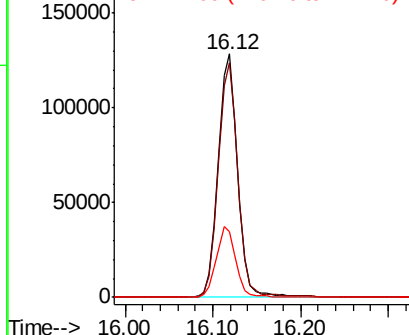
#42
 2,4,6-Tribromophenol
 Concen: 135.165 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	29.1	22.8	34.2

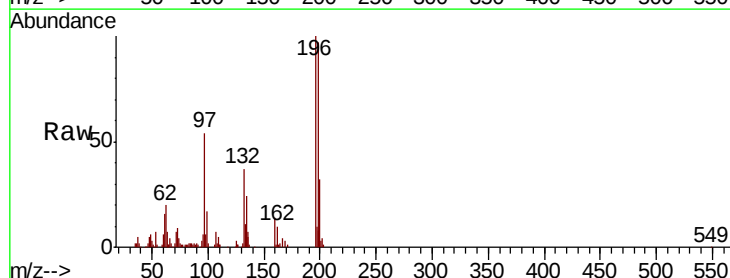


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

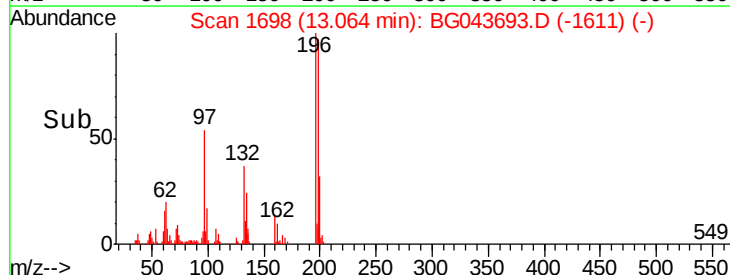
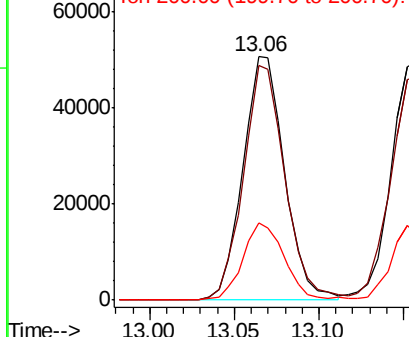


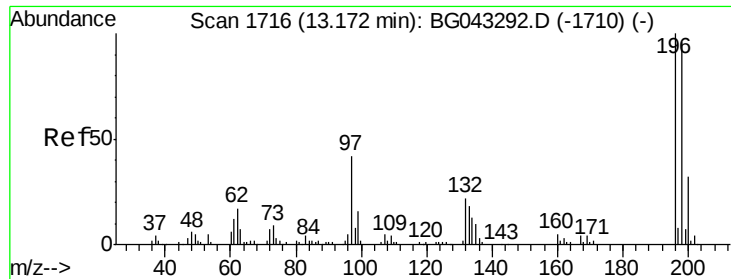
#43
 2,4,6-Trichlorophenol
 Concen: 51.365 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.8	113.6
200	31.5	23.9	35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

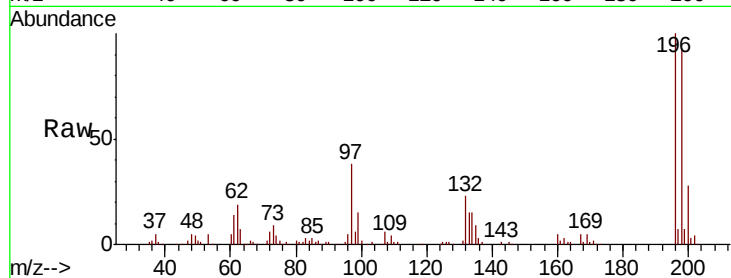




#44
 2,4,5-Trichlorophenol
 Concen: 53.326 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.5	111.7
97	37.9	36.3	54.5
132	22.6	17.4	26.2



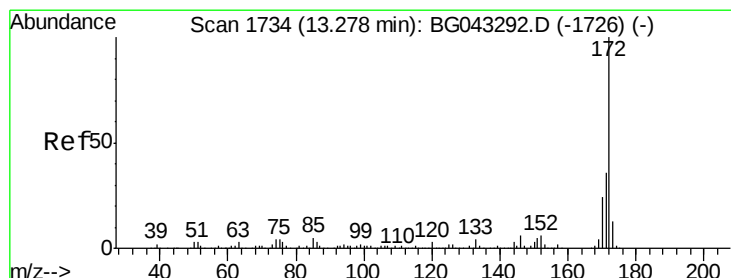
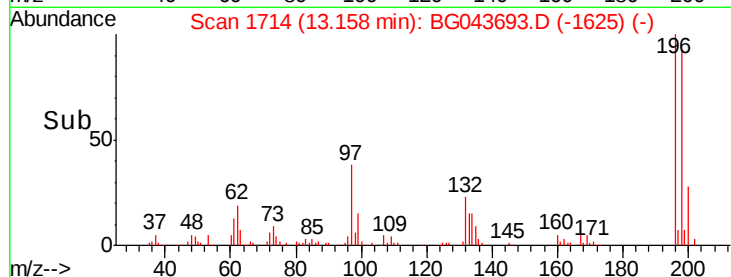
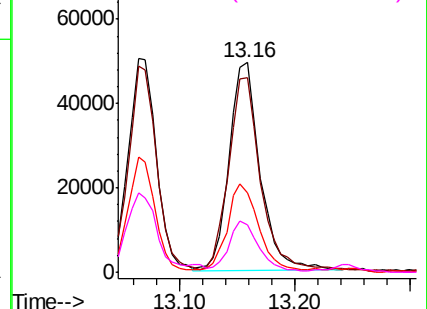
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

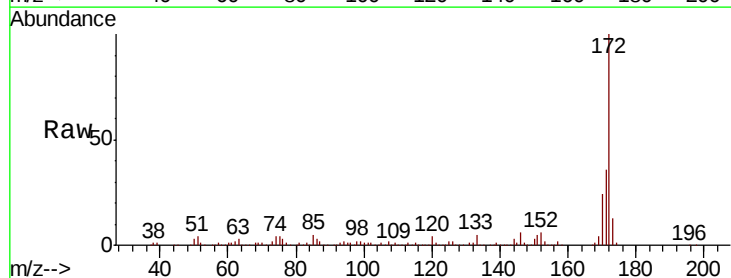
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.603 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.6	18.5	27.7

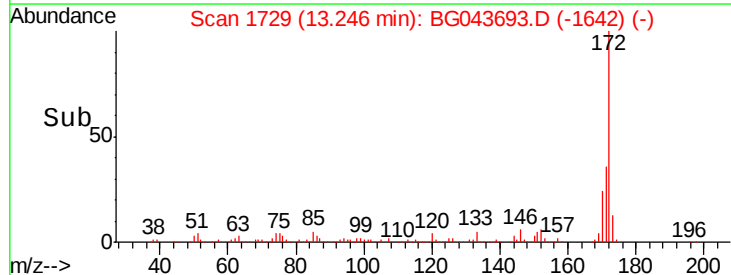
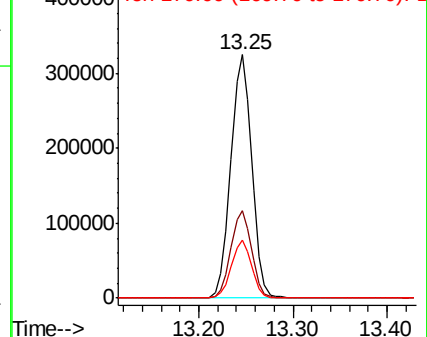


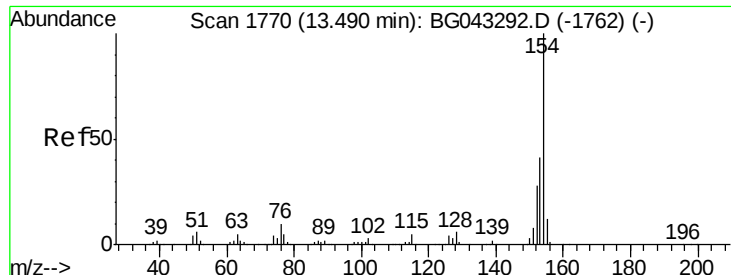
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

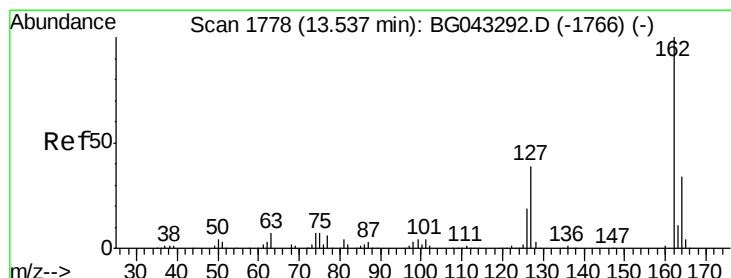
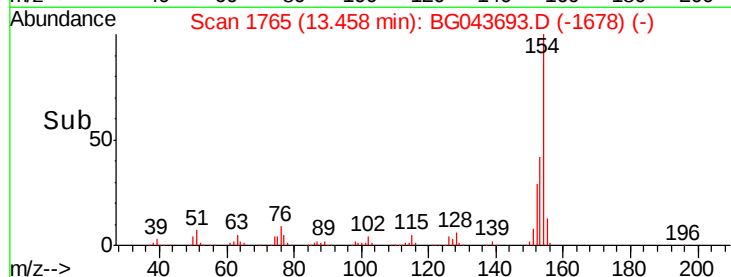
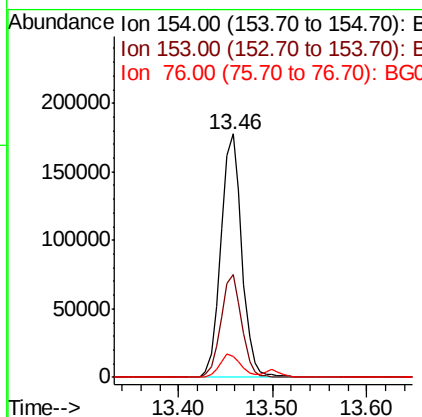
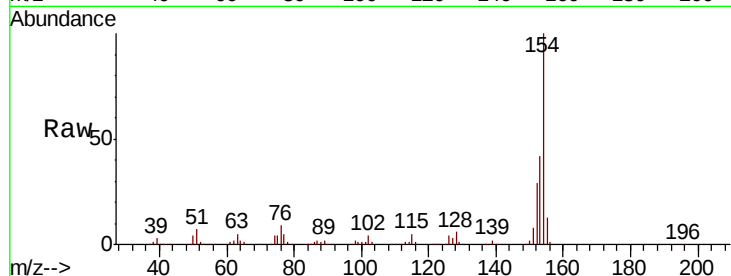




#46
 1,1'-Biphenyl
 Concen: 46.706 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

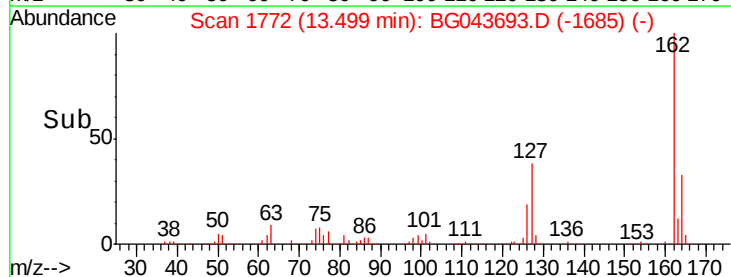
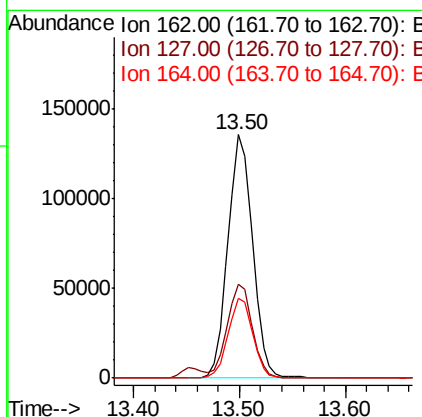
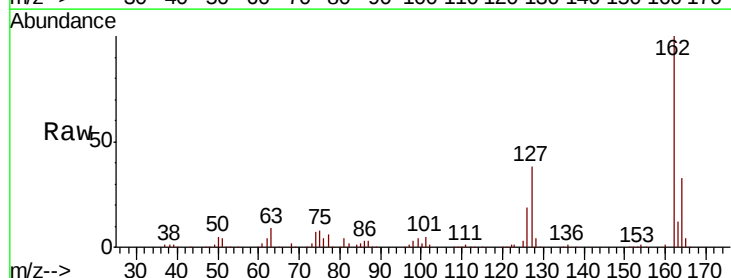
Instrument :
 BNA_G
 ClientSampleId :

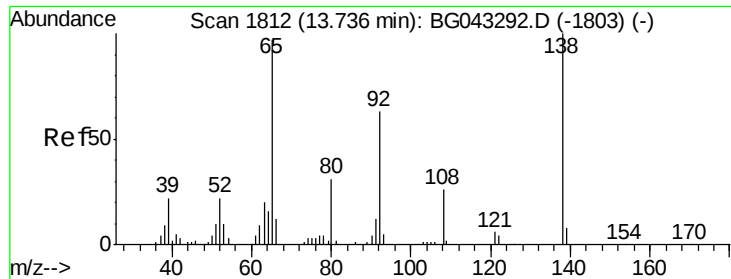
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.9	59.9
76	8.7	0.0	29.4



#47
 2-Chloronaphthalene
 Concen: 48.834 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.2	46.8
164	32.8	25.8	38.8

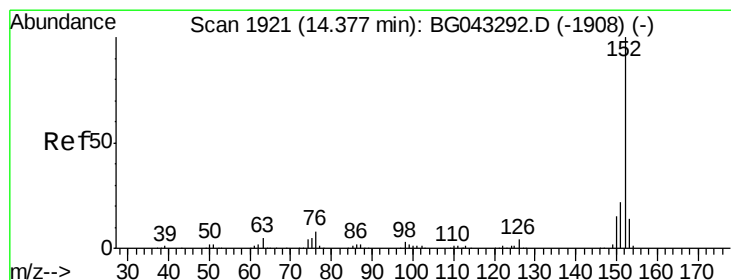
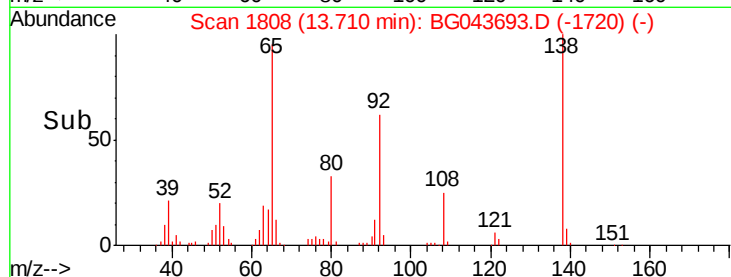
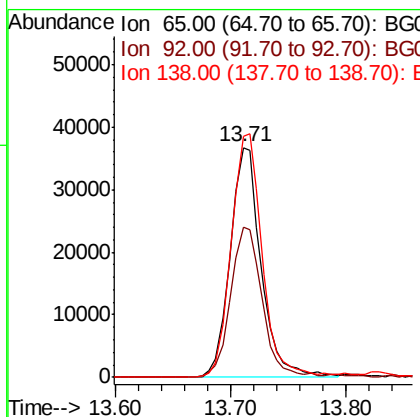
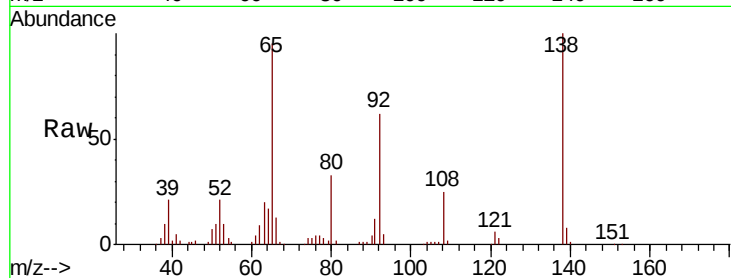




#48
2-Nitroaniline
Concen: 50.863 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

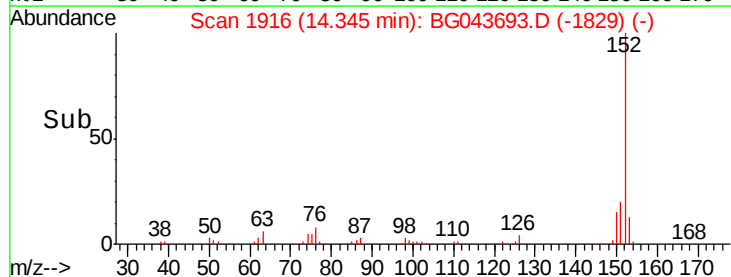
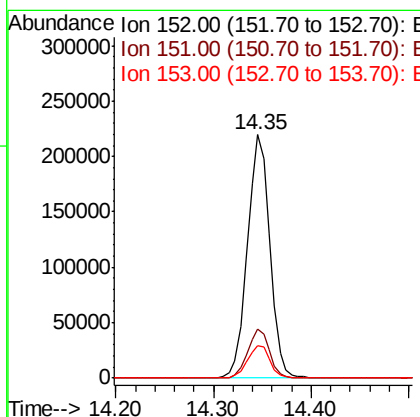
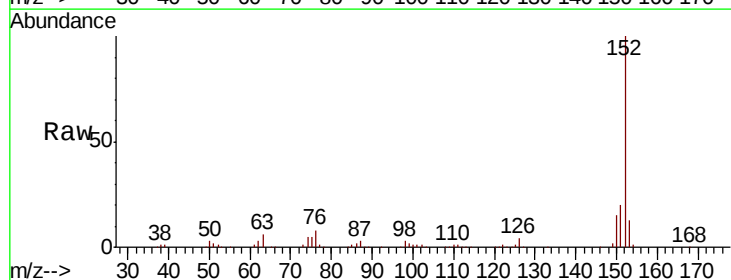
Instrument :
BNA_G
ClientSampled :

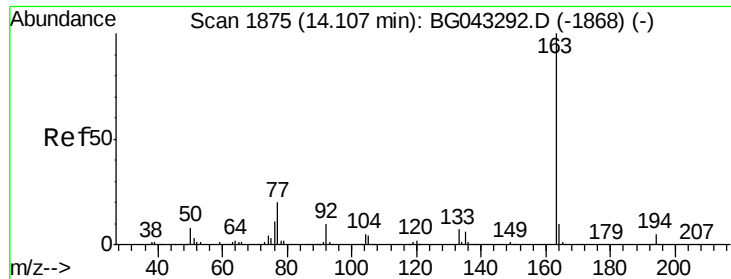
Tot Ion: 65 Resp: 68278
Ion Ratio Lower Upper
65 100
92 65.1 56.2 84.2
138 105.1 82.6 123.8



#49
Acenaphthylene
Concen: 50.586 ng
RT: 14.35 min Scan# 1916
Delta R.T. -0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion: 152 Resp: 353606
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.4 10.6 15.8

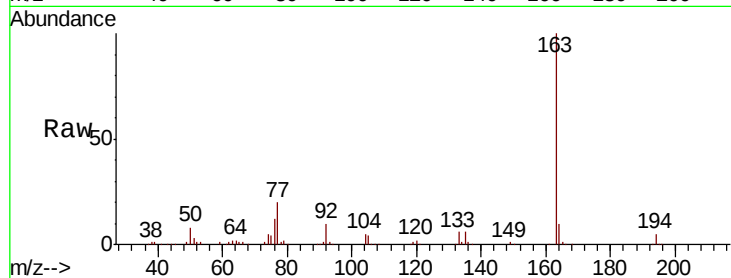




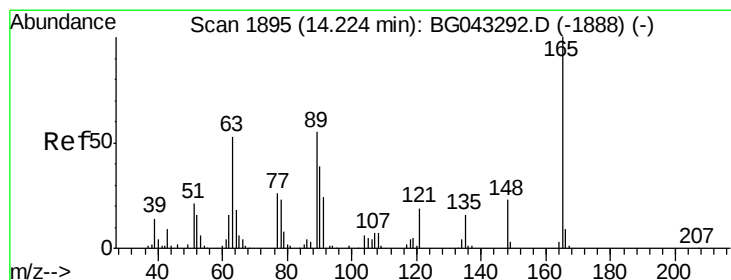
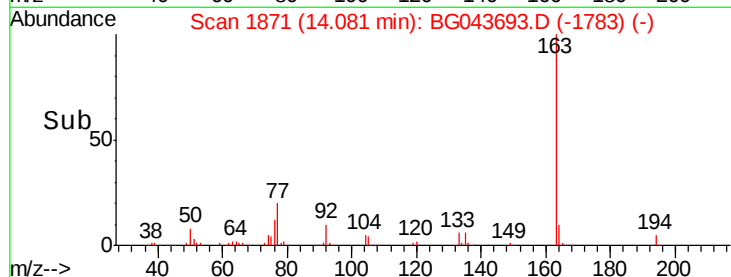
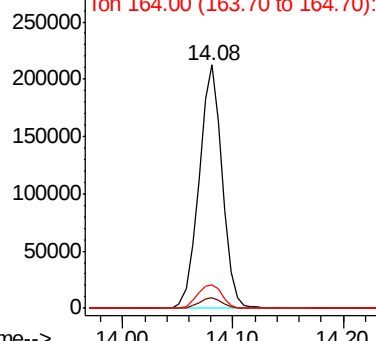
#50
Dimethylphthalate
Concen: 51.755 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 311061
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 9.8 8.9 13.3

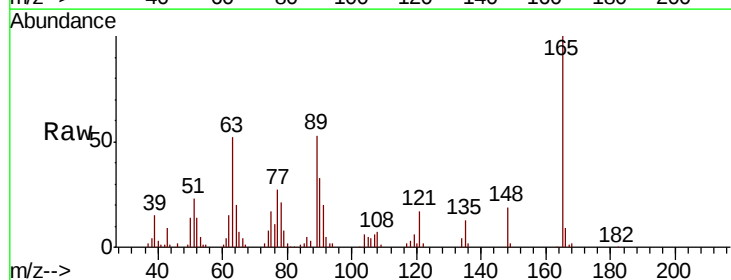


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

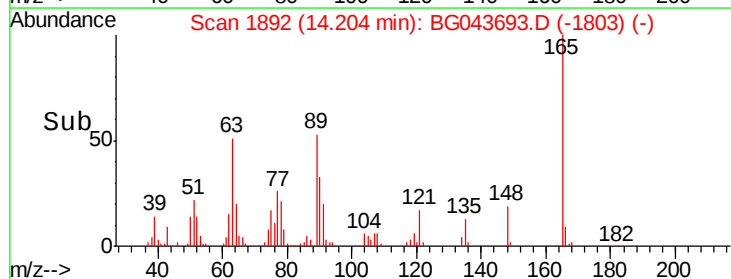
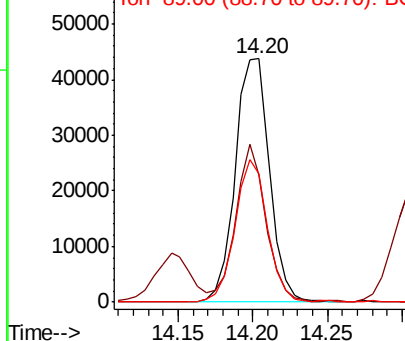


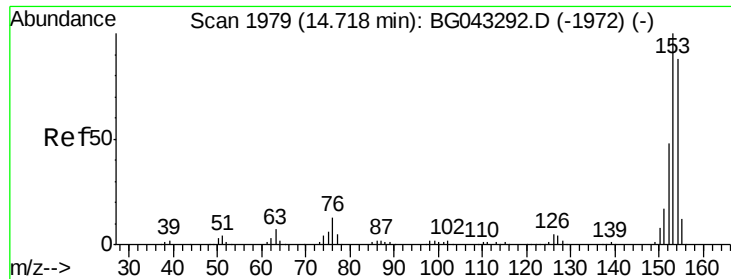
#51
2,6-Dinitrotoluene
Concen: 53.385 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion:165 Resp: 69706
Ion Ratio Lower Upper
165 100
63 52.2 46.6 69.8
89 52.7 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 50.499 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

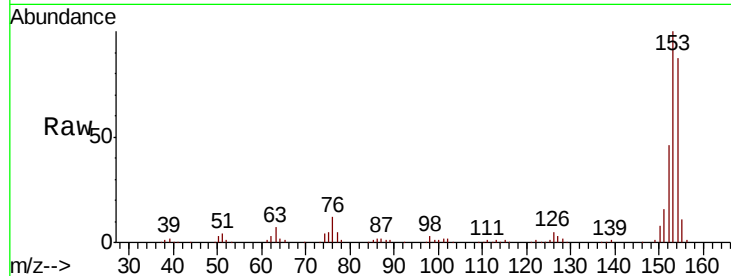
Tot Ion:154 Resp: 215272

Ion Ratio Lower Upper

154 100

153 115.2 88.2 132.2

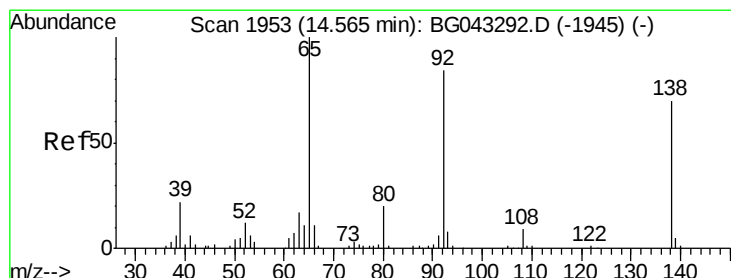
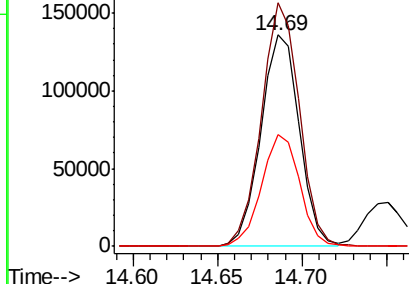
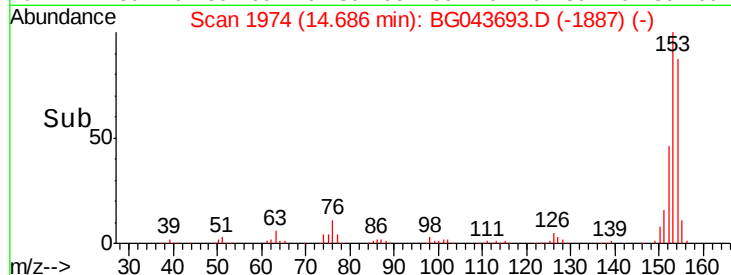
152 53.2 40.0 60.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 24.838 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

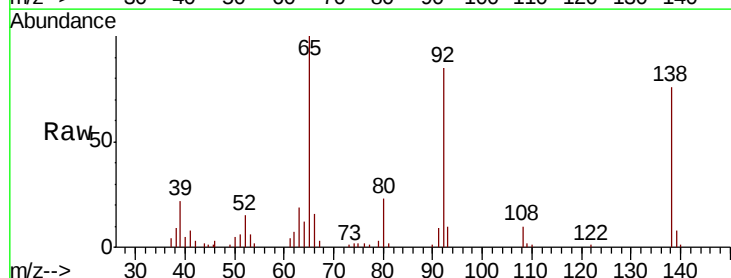
Tgt Ion:138 Resp: 31312

Ion Ratio Lower Upper

138 100

108 12.8 8.0 12.0#

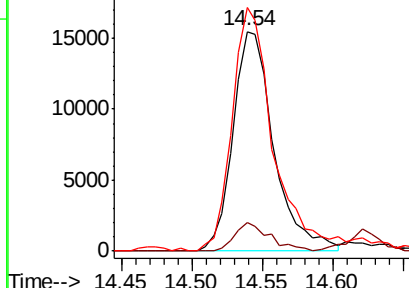
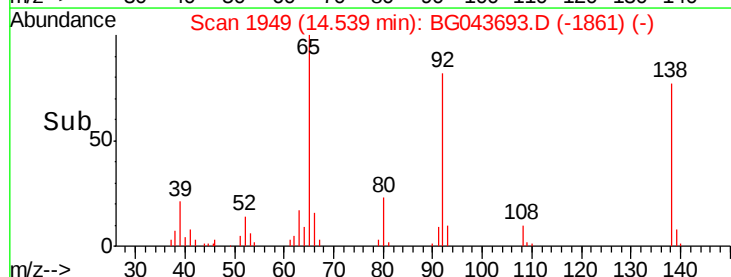
92 111.0 90.9 136.3

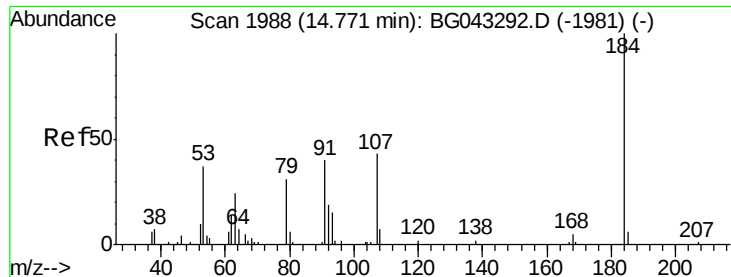


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

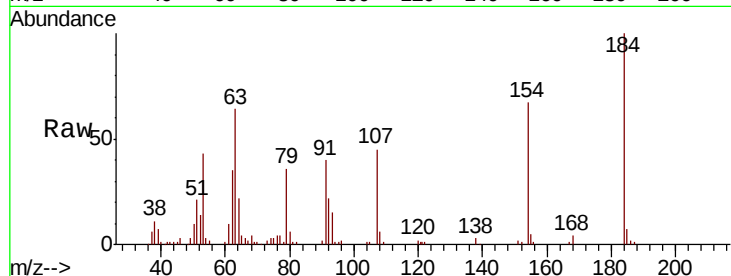




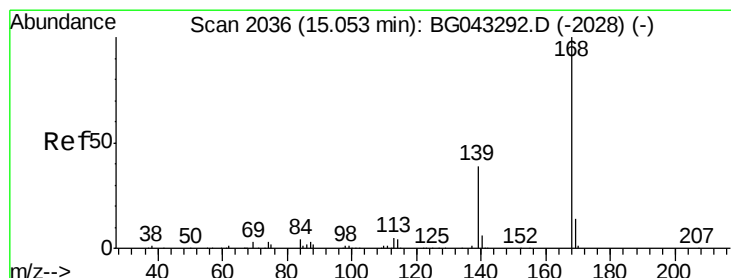
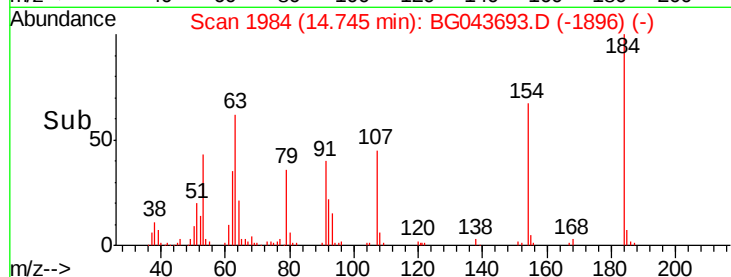
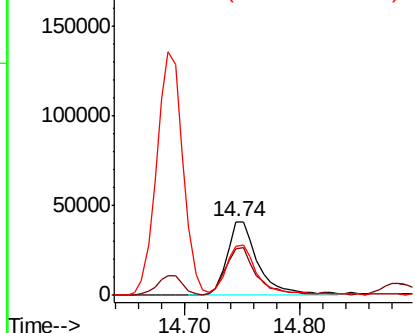
#54
2,4-Dinitrophenol
Concen: 93.488 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 77328
Ion Ratio Lower Upper
184 100
63 64.0 51.3 76.9
154 67.3 55.4 83.0

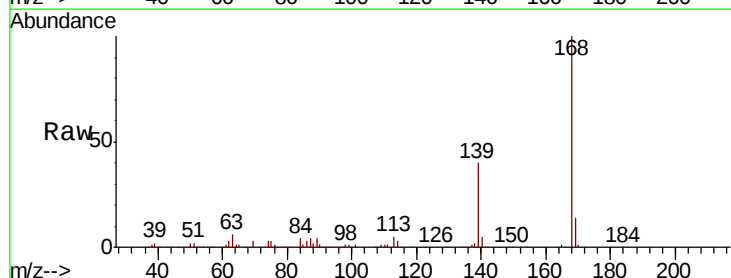


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

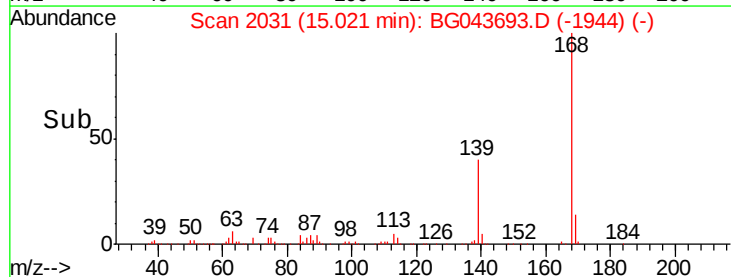
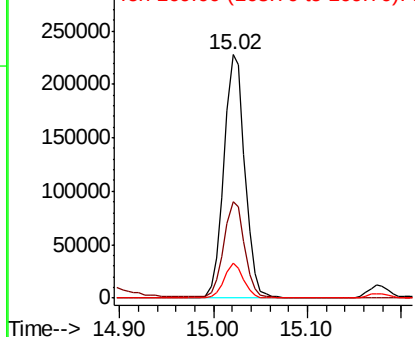


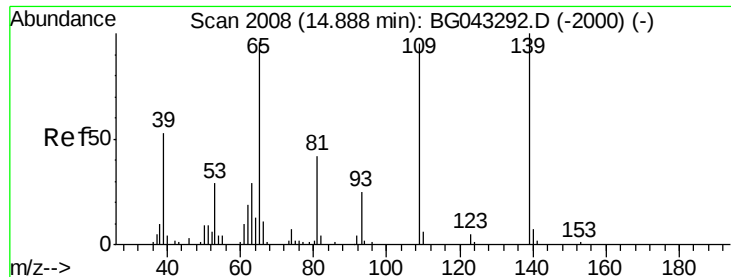
#55
Dibenzofuran
Concen: 51.441 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion:168 Resp: 355609
Ion Ratio Lower Upper
168 100
139 39.7 31.0 46.6
169 14.1 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

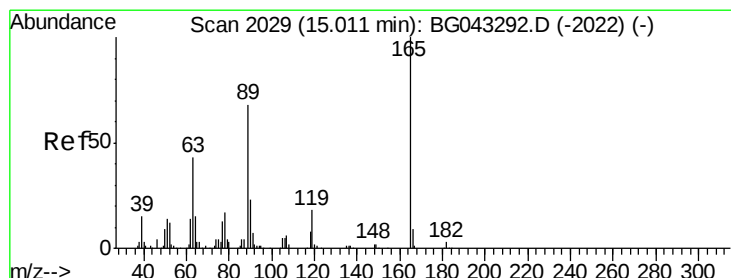
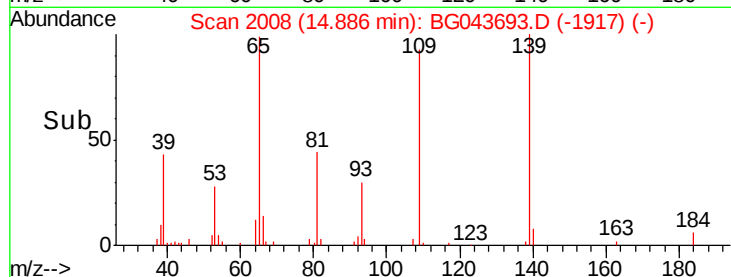
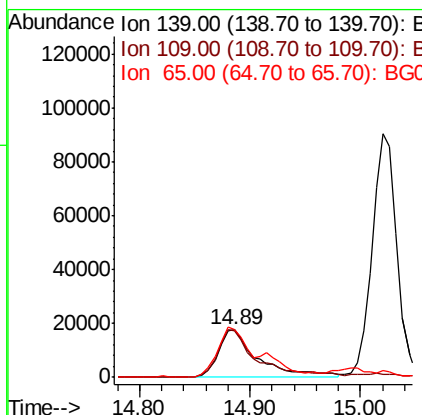
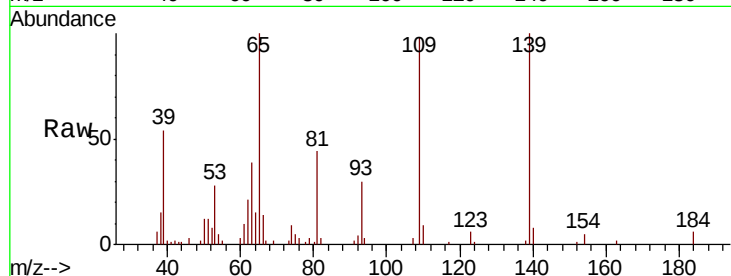




#56
4-Nitrophenol
Concen: 52.519 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

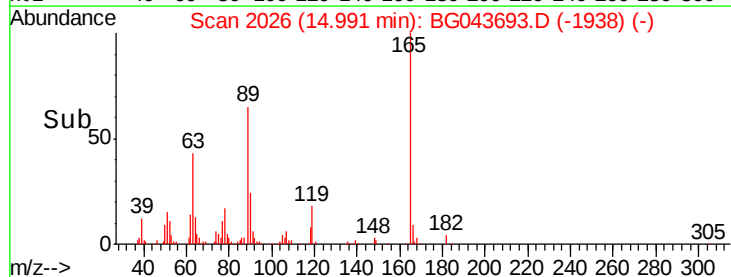
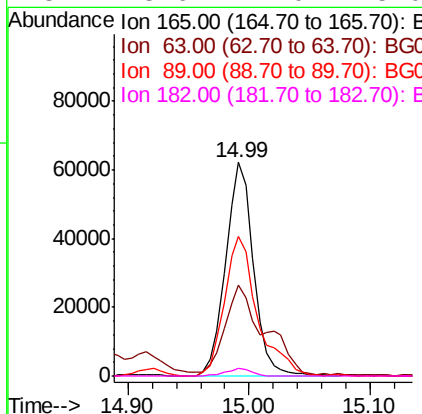
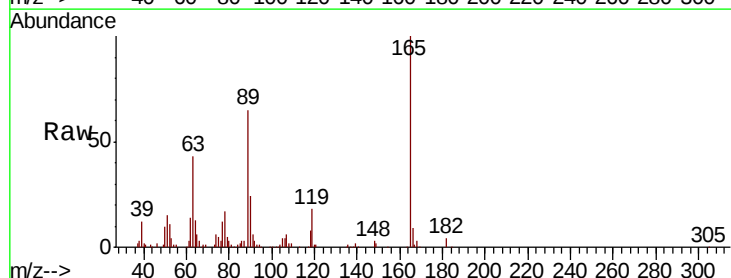
Instrument :
BNA_G
ClientSampleId :

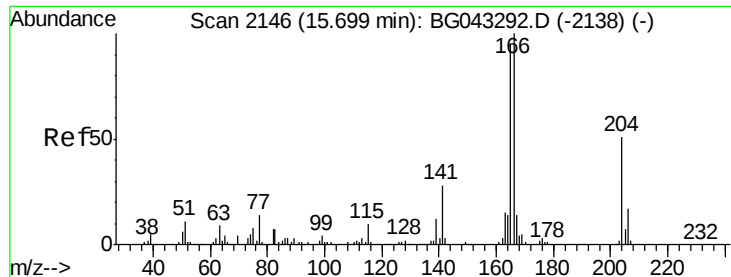
Tot Ion:139 Resp: 44368
Ion Ratio Lower Upper
139 100
109 98.2 87.2 127.2
65 100.1 83.8 123.8



#57
2,4-Dinitrotoluene
Concen: 53.405 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion:165 Resp: 99655
Ion Ratio Lower Upper
165 100
63 42.7 33.2 49.8
89 65.5 52.2 78.4
182 3.6 2.0 3.0#





#58

Fluorene

Concen: 52.000 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

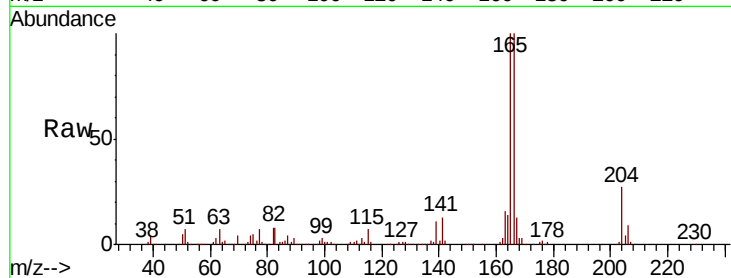
Tot Ion:166 Resp: 301496

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.6

167 13.1 10.5 15.7

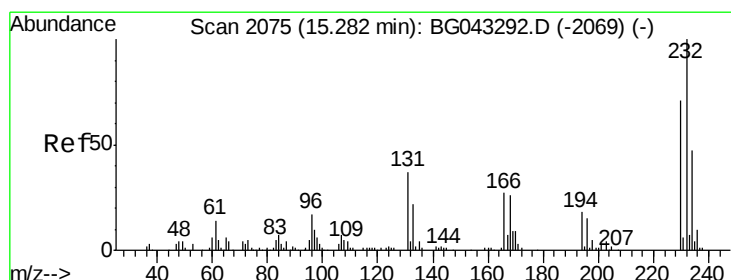
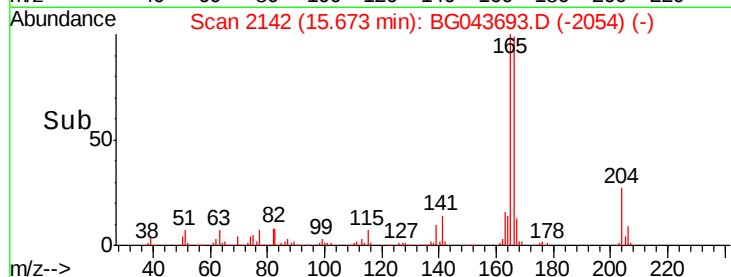
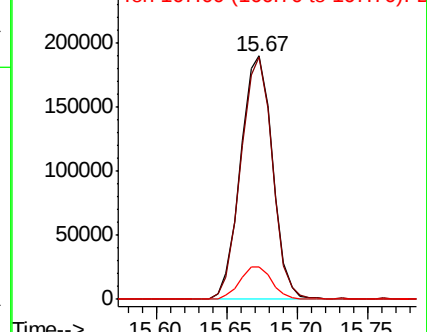


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 51.224 ng

RT: 15.26 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:232 Resp: 93048

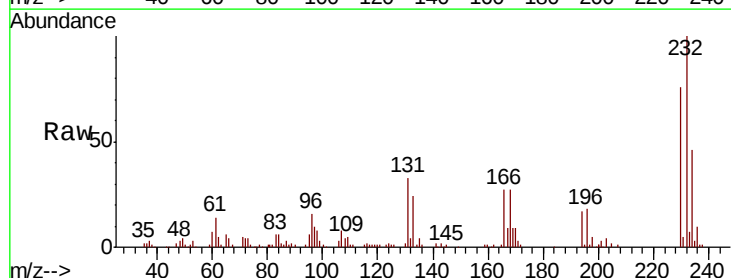
Ion Ratio Lower Upper

232 100

131 37.5 26.9 40.3

130 2.4 1.8 2.6

166 28.4 20.9 31.3



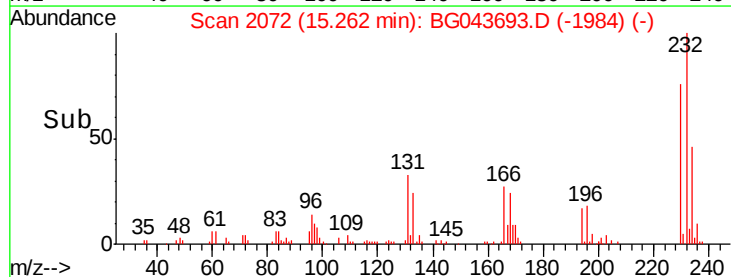
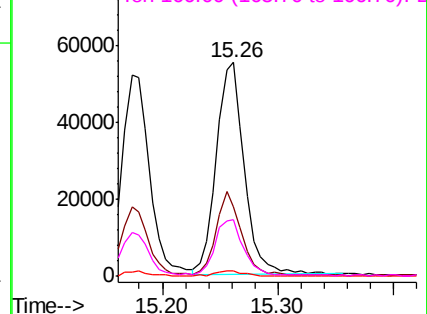
Abundance

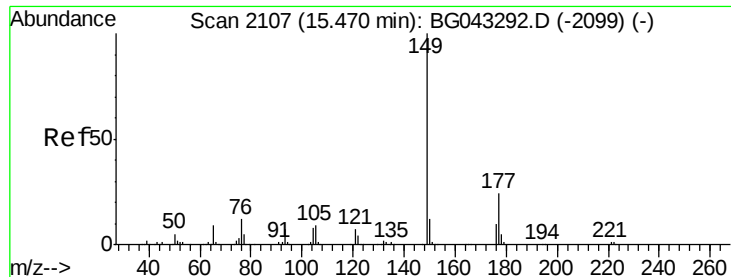
Ion 232.00 (231.70 to 232.70): E

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: 50.393 ng

RT: 15.44 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

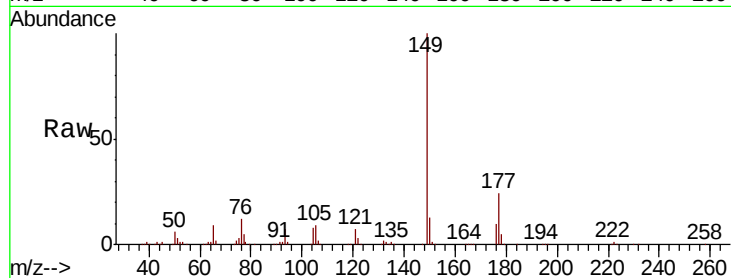
Tot Ion:149 Resp: 304328

Ion Ratio Lower Upper

149 100

177 23.9 19.6 29.4

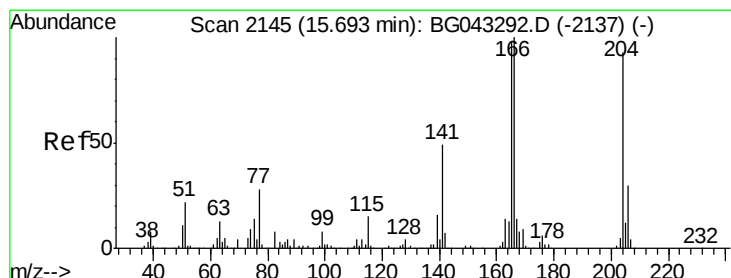
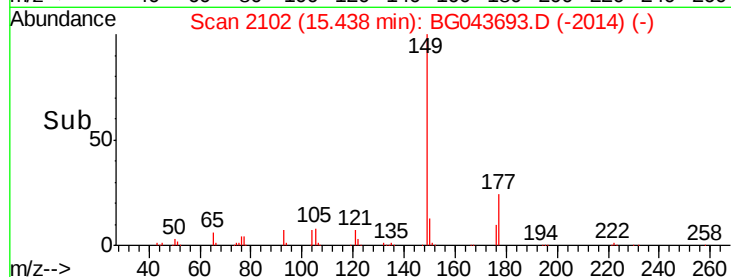
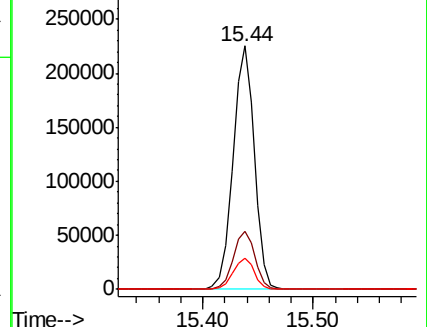
150 12.9 10.8 16.2



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: 51.468 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

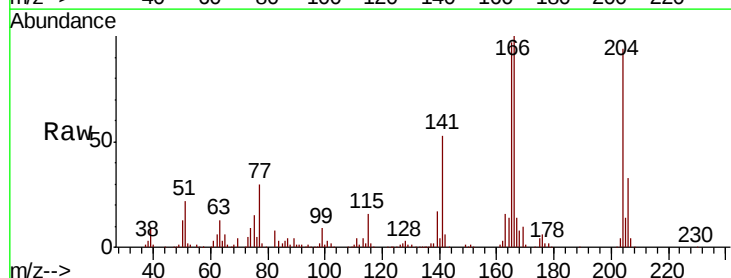
Tgt Ion:204 Resp: 174086

Ion Ratio Lower Upper

204 100

206 35.0 28.4 42.6

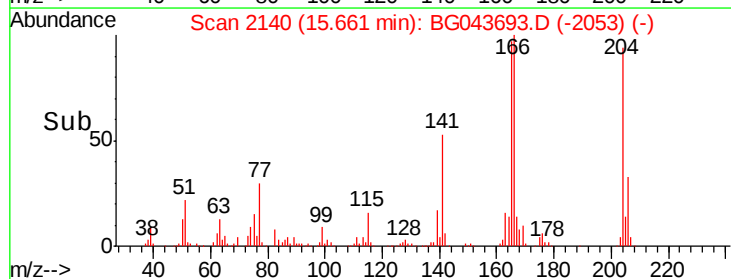
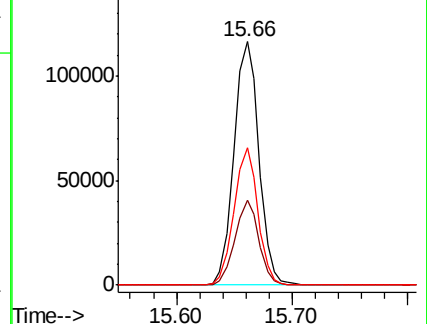
141 56.6 43.0 64.6

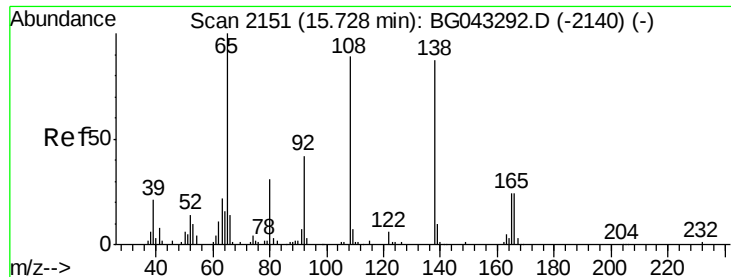


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 47.754 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

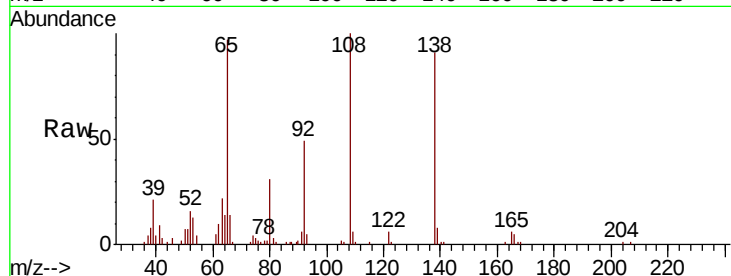
Tot Ion:138 Resp: 62172

Ion Ratio Lower Upper

138 100

92 54.4 33.4 73.4

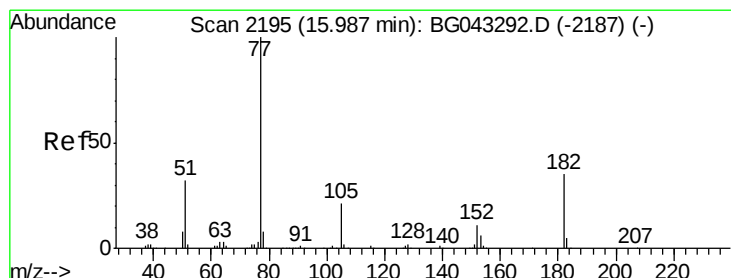
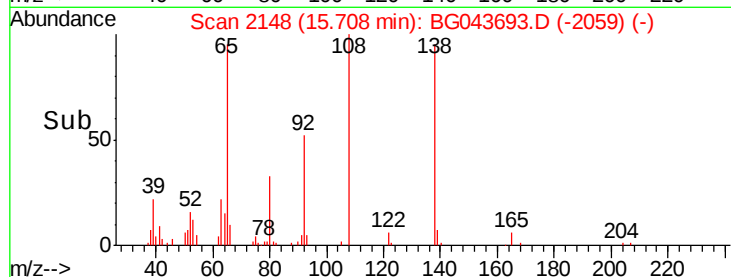
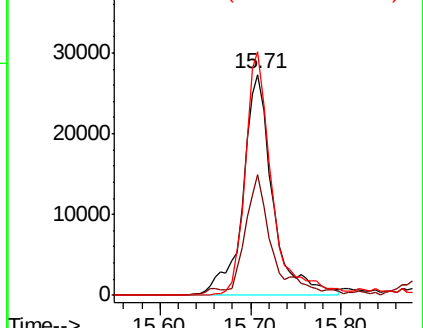
108 110.1 78.0 118.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 51.473 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion: 77 Resp: 251575

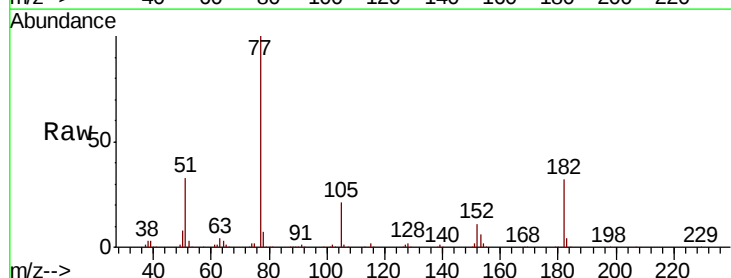
Ion Ratio Lower Upper

77 100

182 32.0 13.7 53.7

105 20.8 0.4 40.4

51 33.5 11.0 51.0

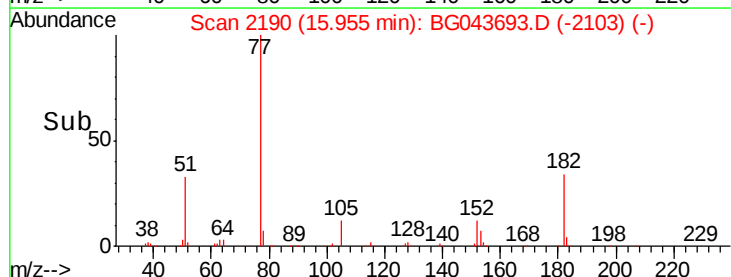
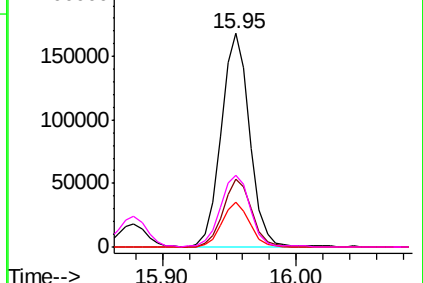


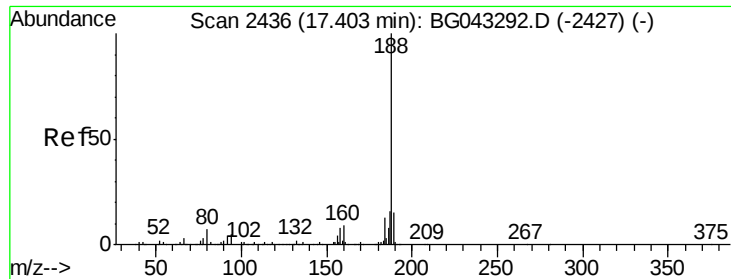
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

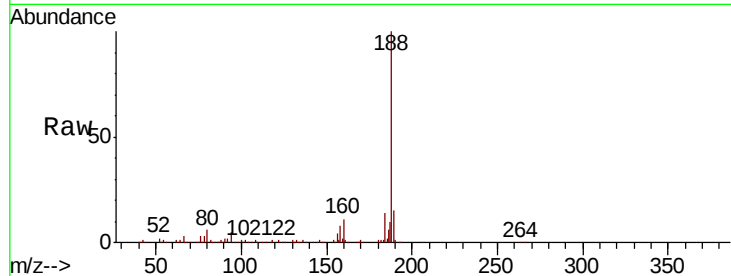
Tot Ion:188 Resp: 190505

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.4

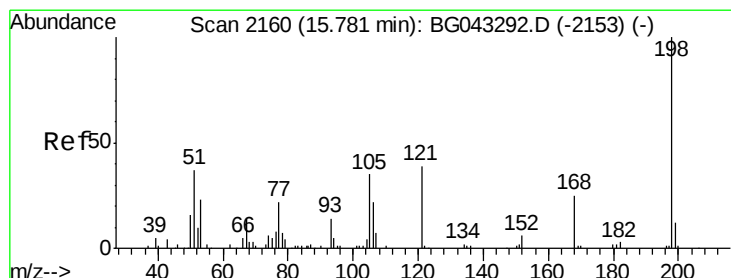
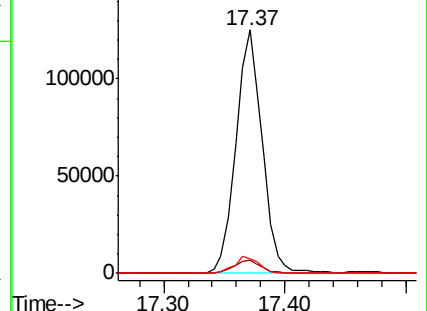
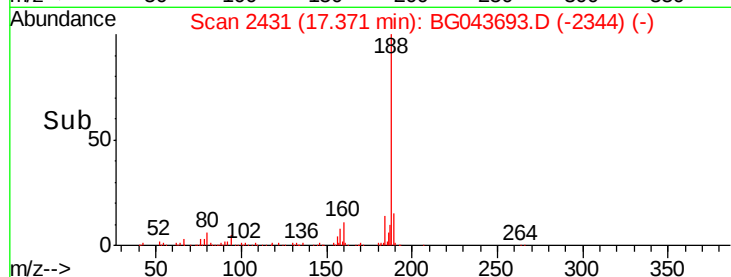
80 6.2 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

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: 55.574 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

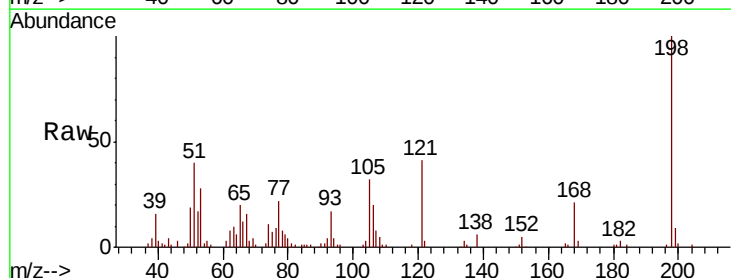
Tgt Ion:198 Resp: 62306

Ion Ratio Lower Upper

198 100

51 40.0 13.2 53.2

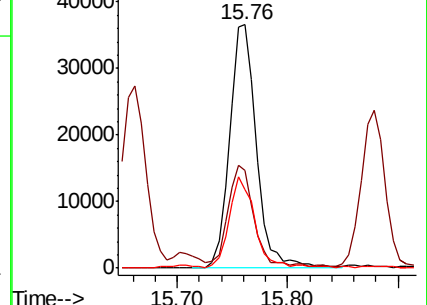
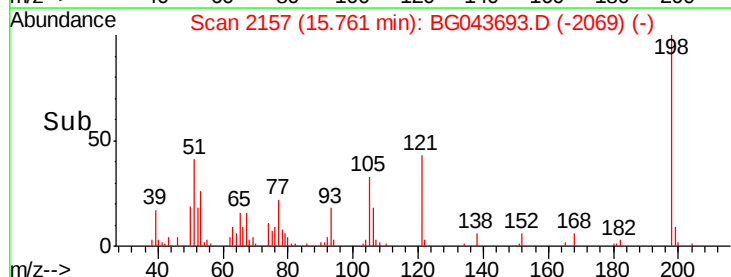
105 32.1 15.8 55.8

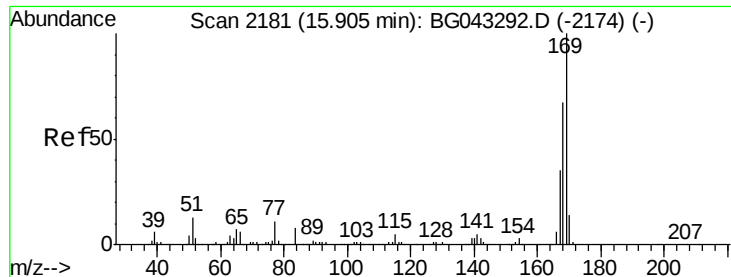


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



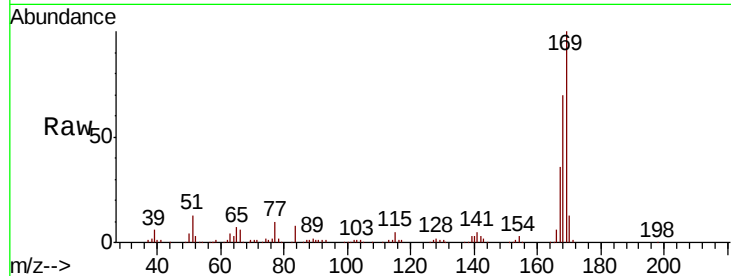


#66

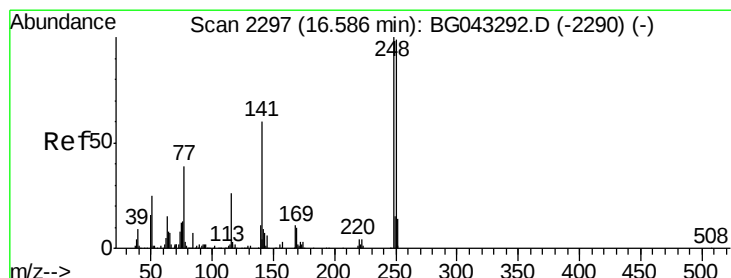
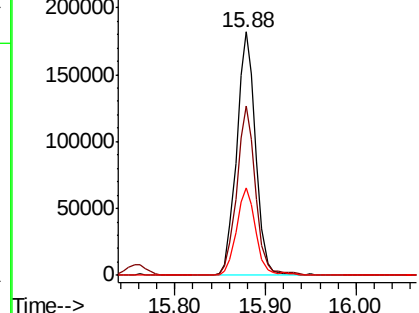
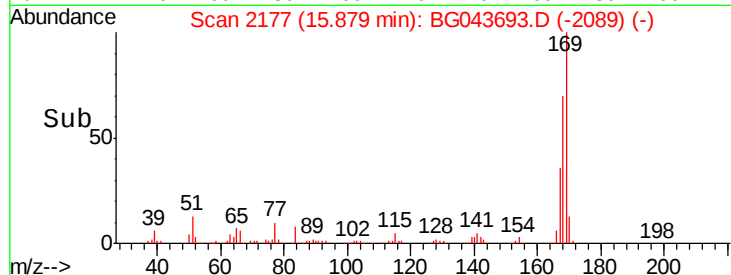
n-Nitrosodiphenylamine
 Concen: 49.553 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	69.7	53.8	80.6	
167	35.9	27.5	41.3	



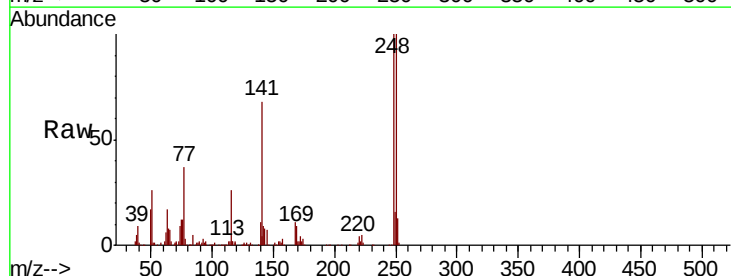
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



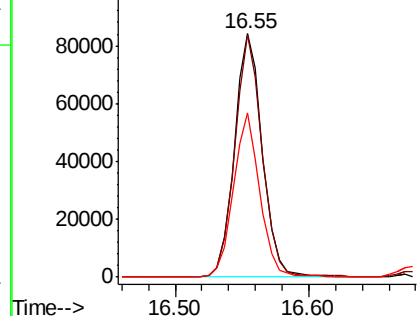
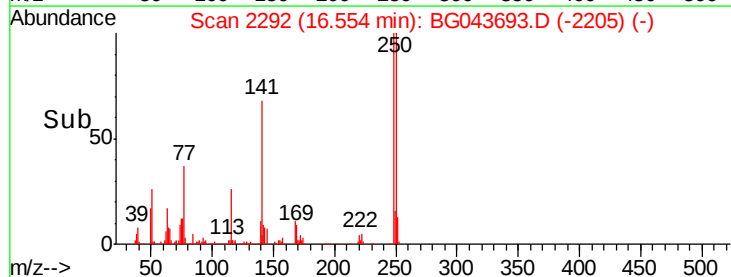
#67

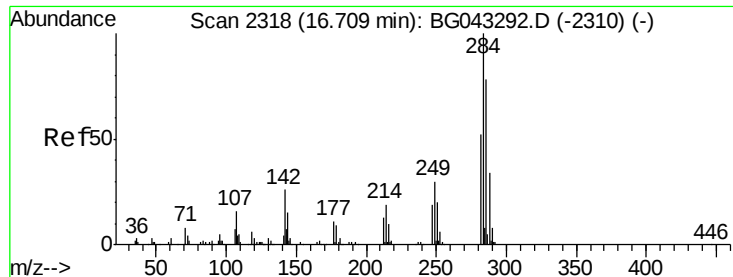
4-Bromophenyl-phenylether
 Concen: 47.610 ng
 RT: 16.55 min Scan# 2292
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	99.5	77.0	115.4	
141	67.7	47.5	71.3	



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: 45.936 ng

RT: 16.68 min Scan# 2313

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

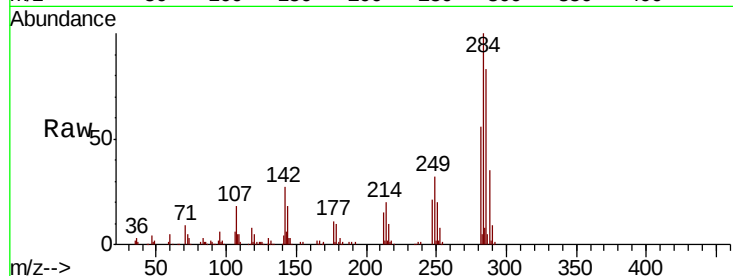
Tot Ion:284 Resp: 135183

Ion Ratio Lower Upper

284 100

142 27.3 19.8 29.8

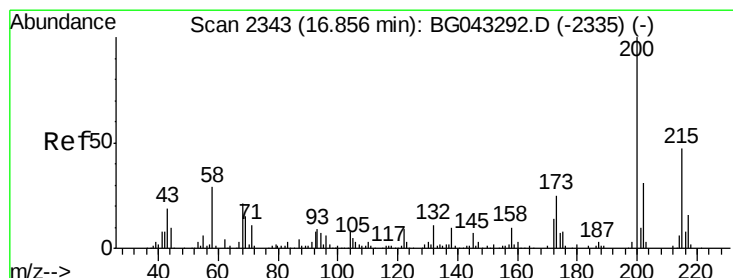
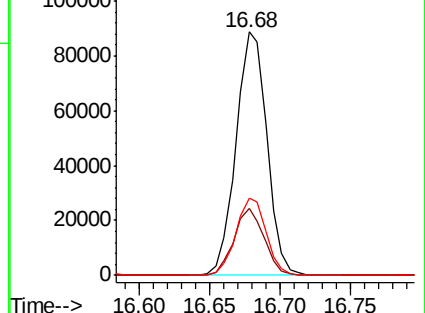
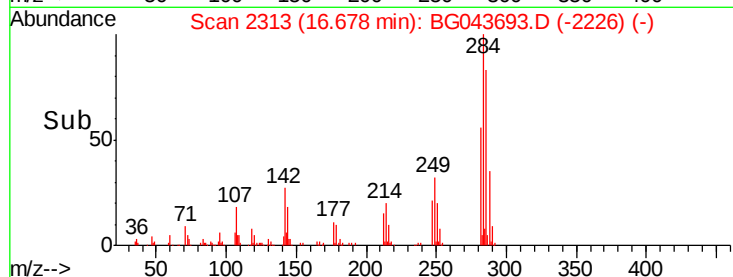
249 31.7 23.8 35.6



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: 60.573 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

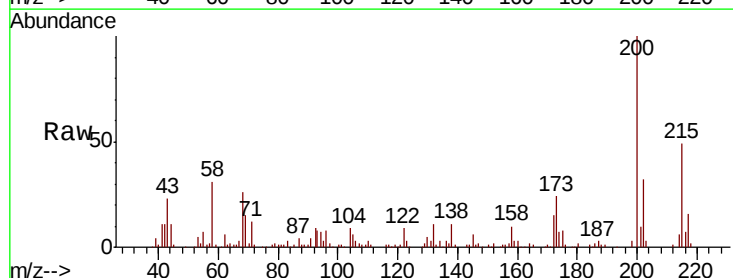
Tgt Ion:200 Resp: 113204

Ion Ratio Lower Upper

200 100

173 24.2 4.7 44.7

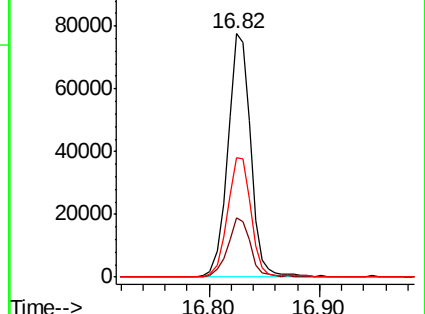
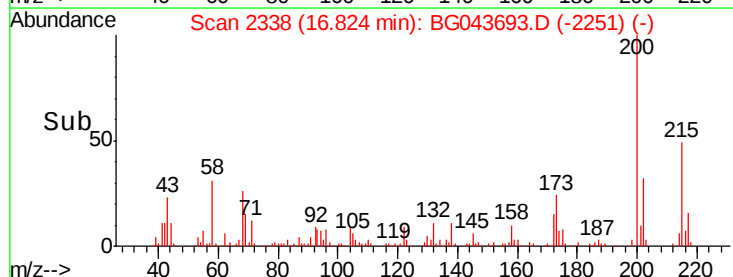
215 49.1 28.5 68.5

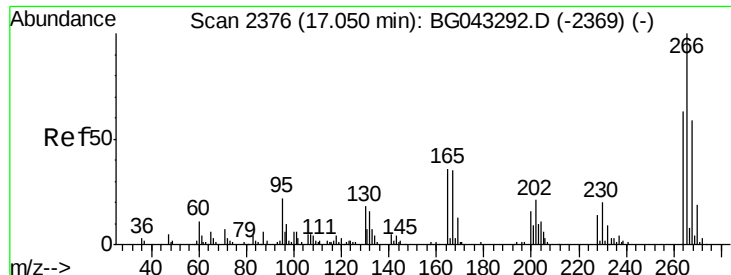


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

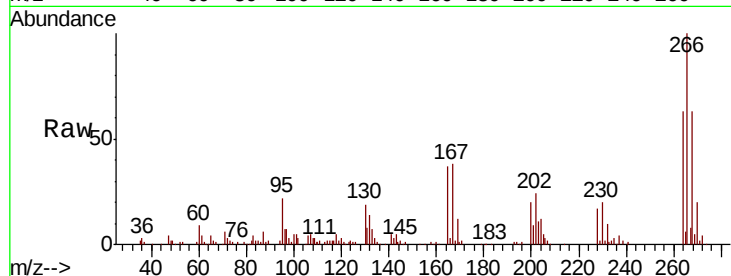




#70
 Pentachlorophenol
 Concen: 92.745 ng
 RT: 17.03 min Scan# 2373
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.4	75.6
264	62.9	48.9	73.3

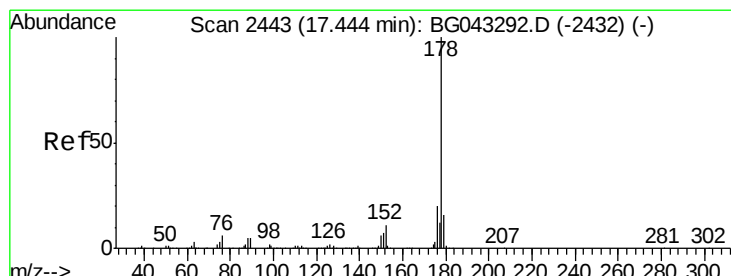
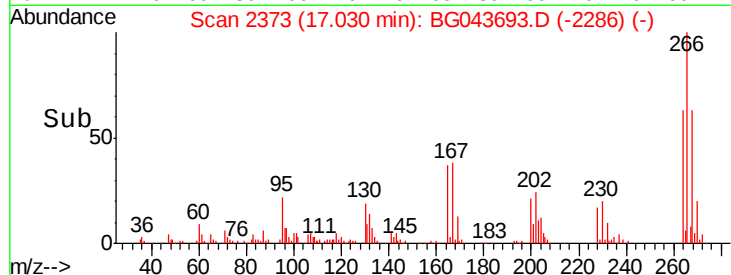
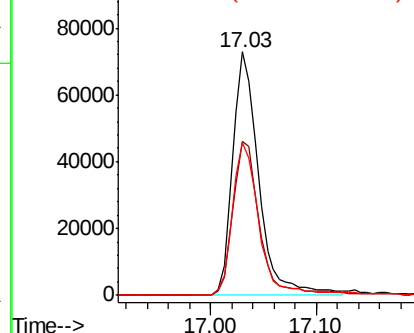


Abundance

Ion 265.70 (265.40 to 266.40): E

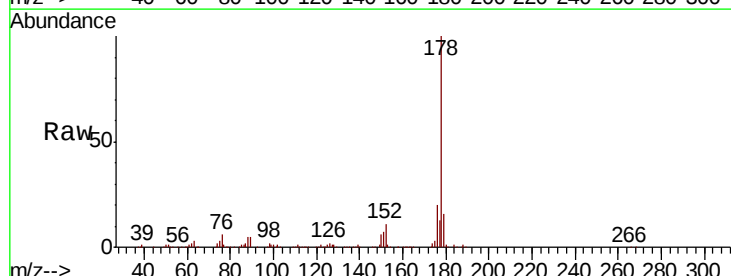
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 49.653 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	15.8	13.0	19.6

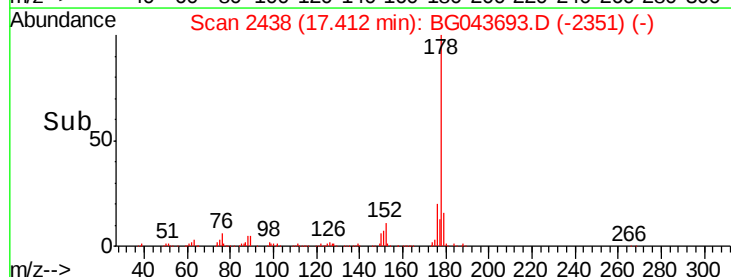
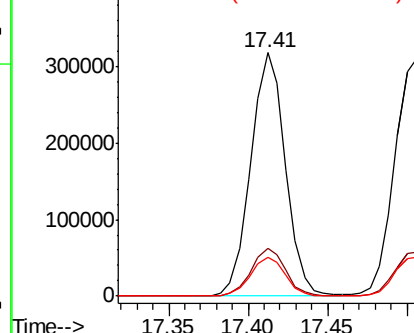


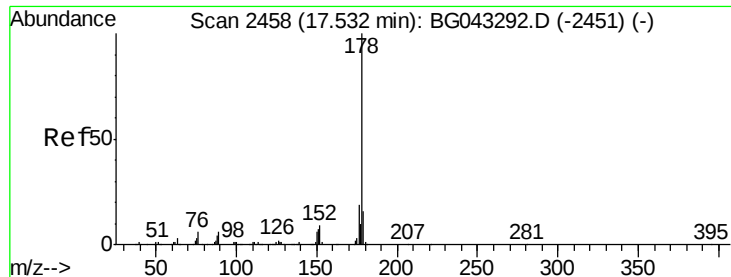
Abundance

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: 51.167 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

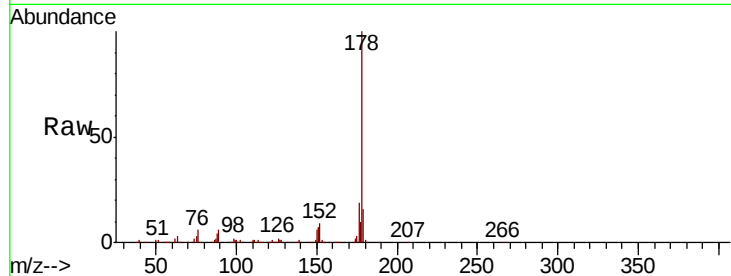
Tot Ion:178 Resp: 499407

Ion Ratio Lower Upper

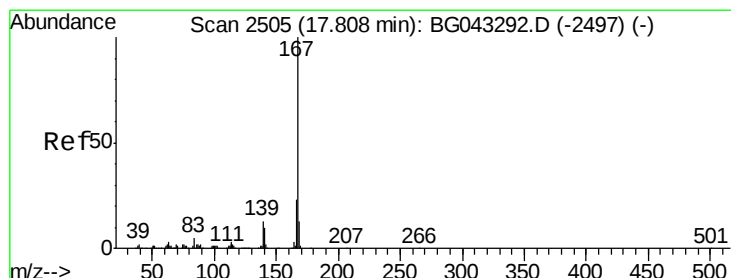
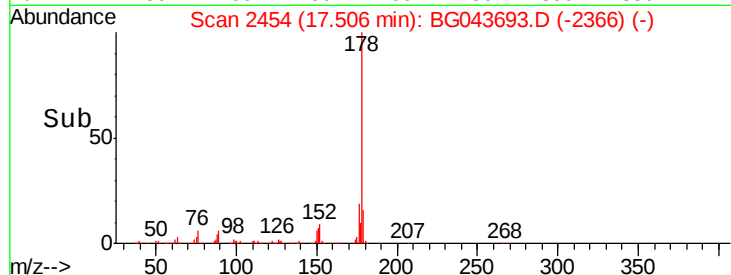
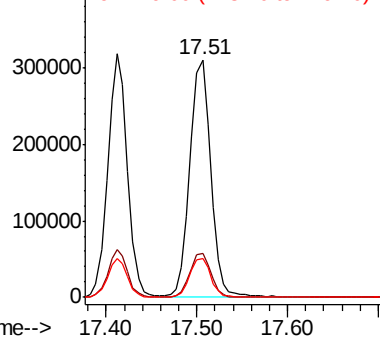
178 100

176 18.6 15.5 23.3

179 16.1 13.7 20.5



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: 50.352 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

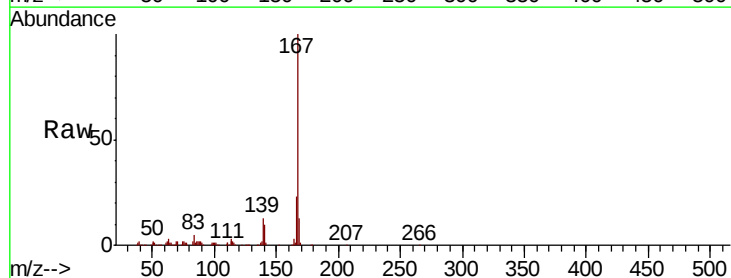
Tgt Ion:167 Resp: 445049

Ion Ratio Lower Upper

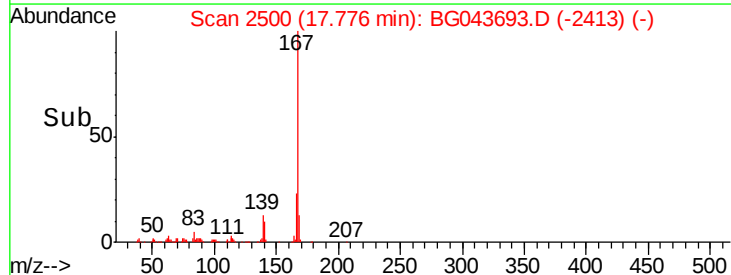
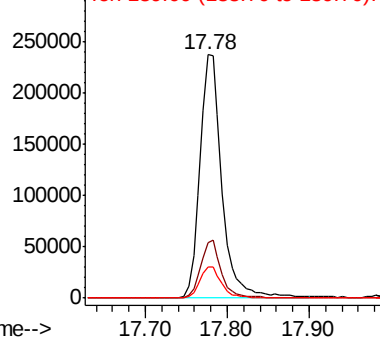
167 100

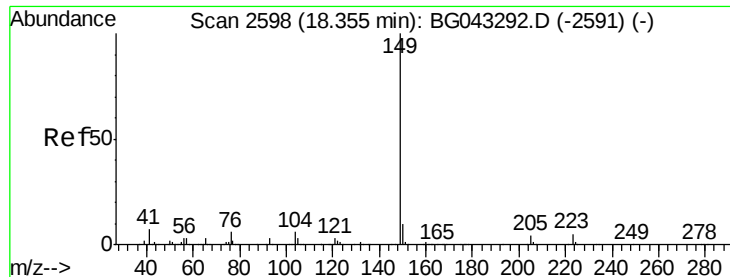
166 22.7 18.7 28.1

139 13.0 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: 49.997 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

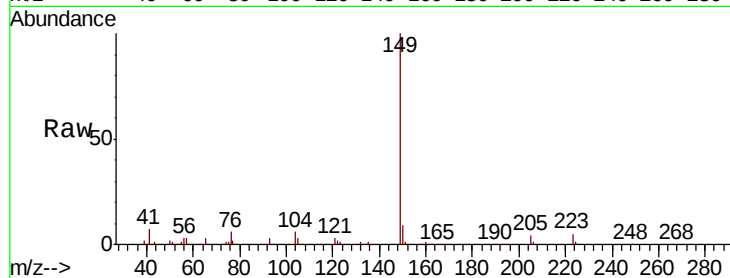
Tot Ion:149 Resp: 536198

Ion Ratio Lower Upper

149 100

150 9.1 8.0 12.0

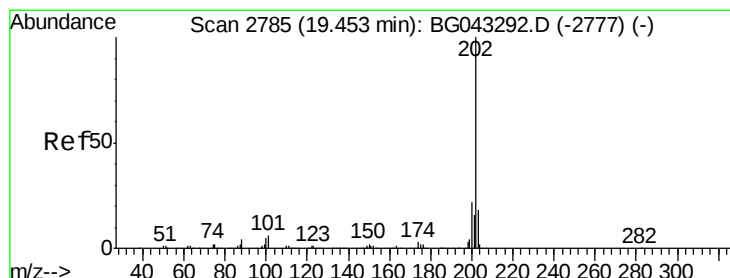
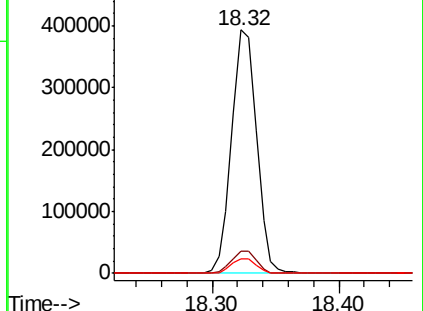
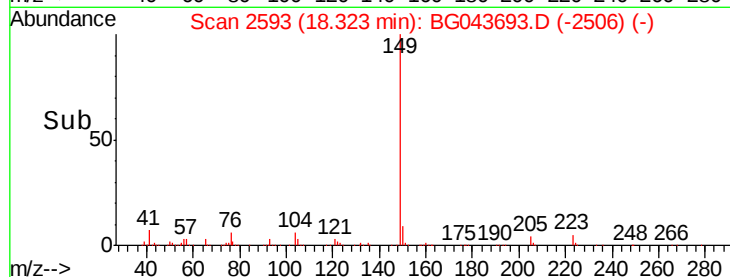
104 5.8 4.4 6.6



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: 50.999 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

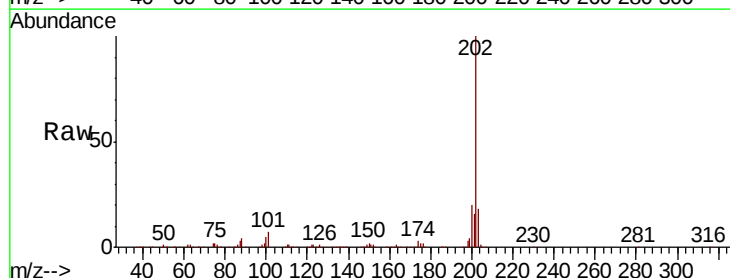
Tgt Ion:202 Resp: 648599

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.3

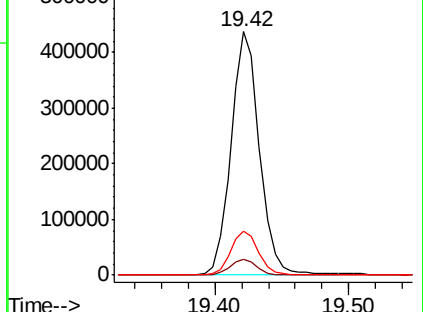
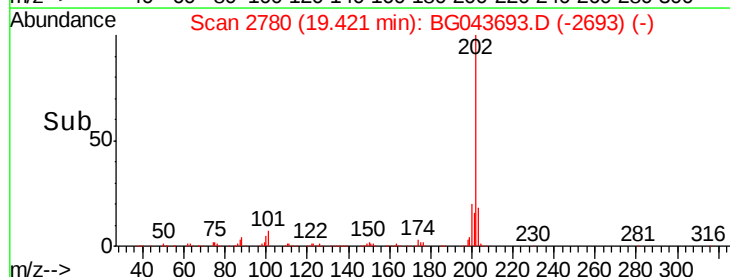
203 17.9 0.0 37.9

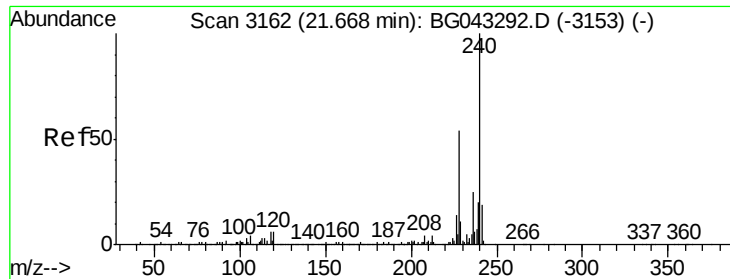


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

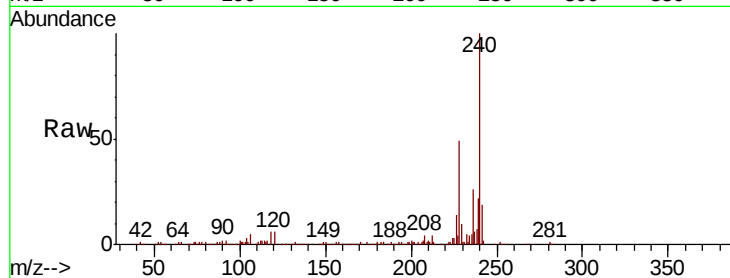
Tot Ion:240 Resp: 205058

Ion Ratio Lower Upper

240 100

120 5.9 4.6 6.8

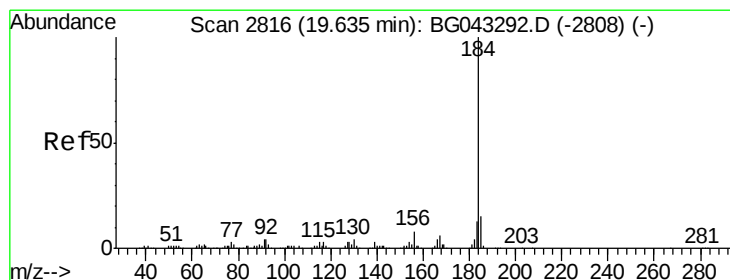
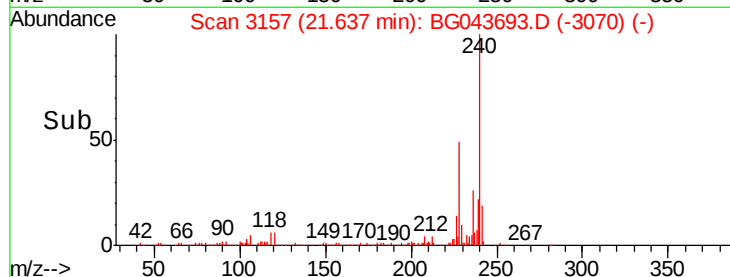
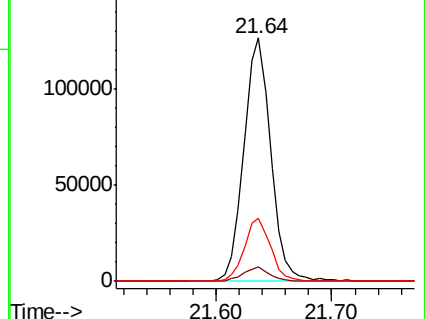
236 26.2 19.8 29.8



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: 13.223 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

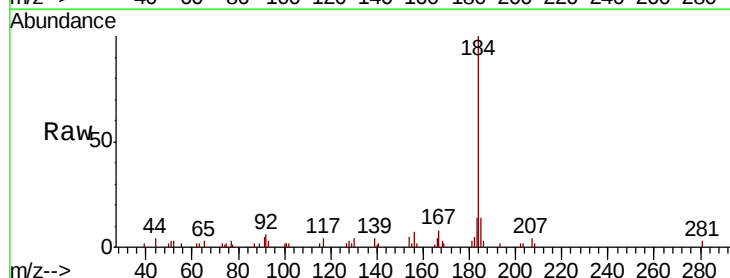
Tgt Ion:184 Resp: 54569

Ion Ratio Lower Upper

184 100

185 13.5 11.0 16.4

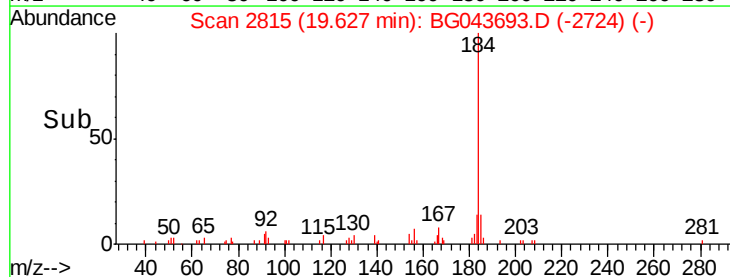
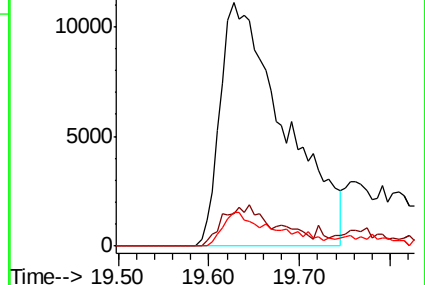
183 13.7 10.0 15.0

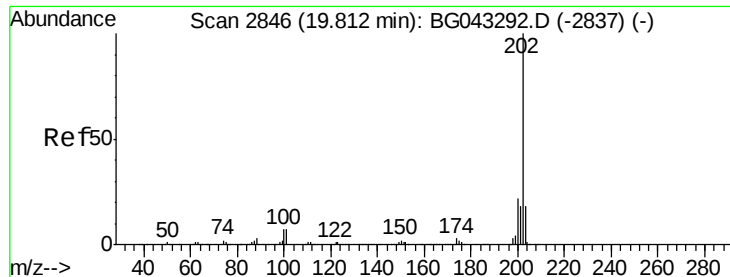


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 51.713 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

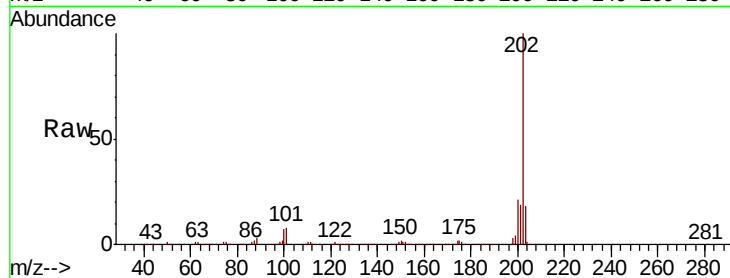
Tot Ion:202 Resp: 656390

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

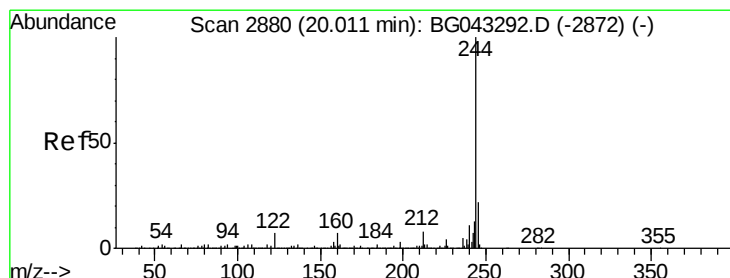
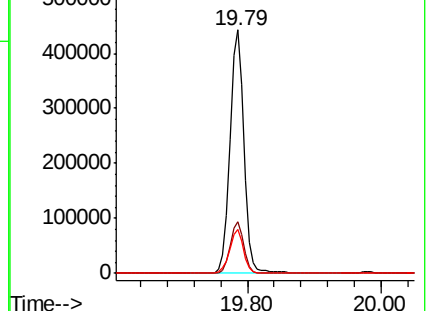
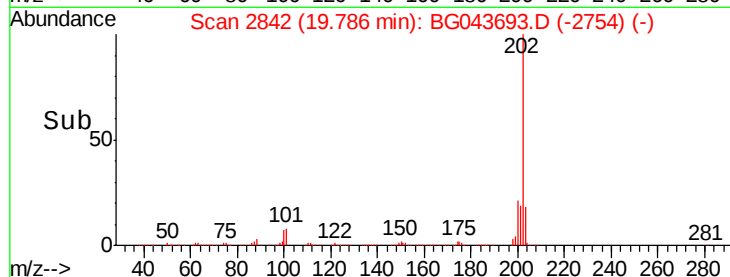
203 18.2 14.7 22.1



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: 98.739 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

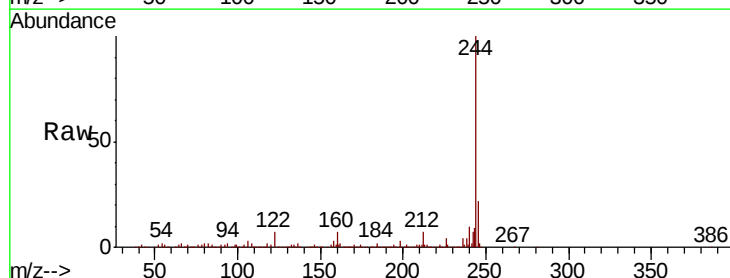
Tgt Ion:244 Resp: 1079243

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

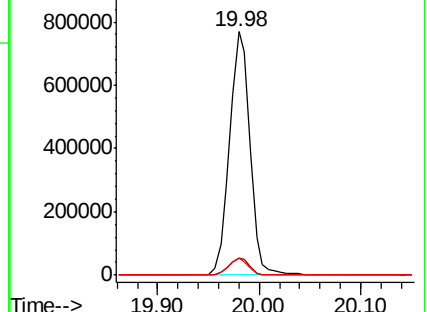
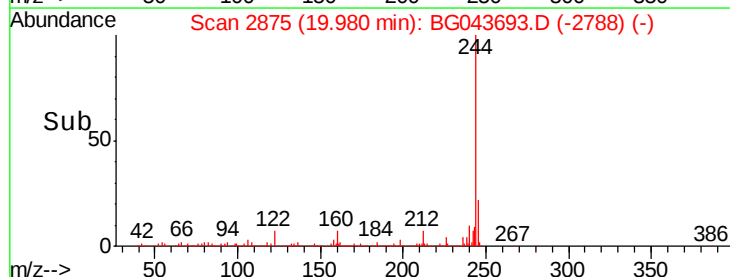
122 7.0 5.4 8.2

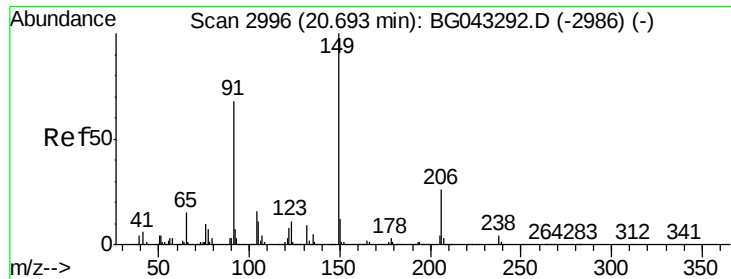


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

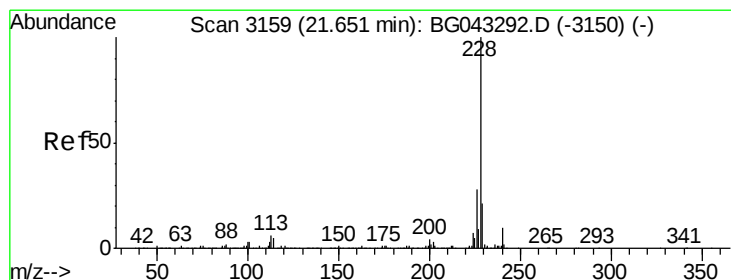
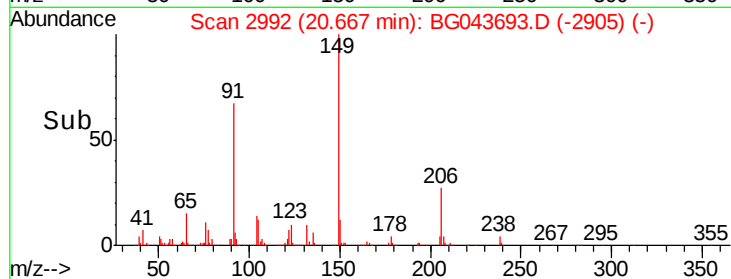
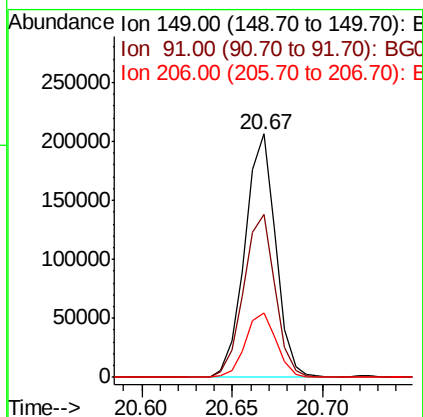
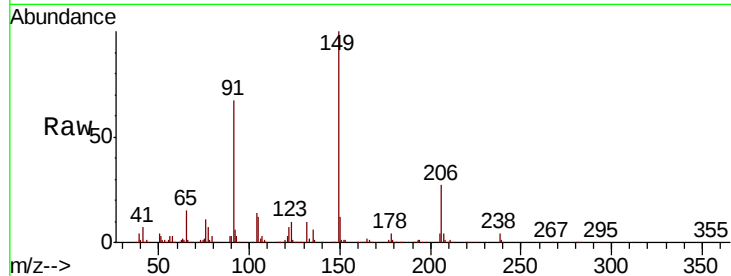




#80
Butylbenzylphthalate
Concen: 50.699 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

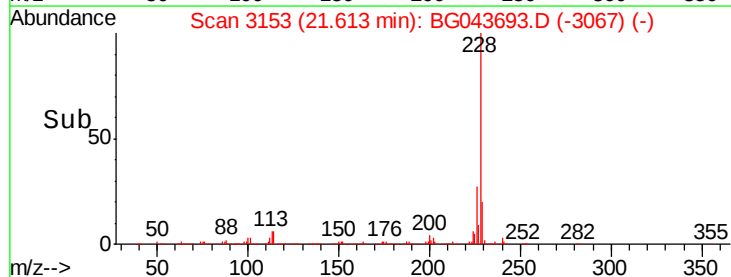
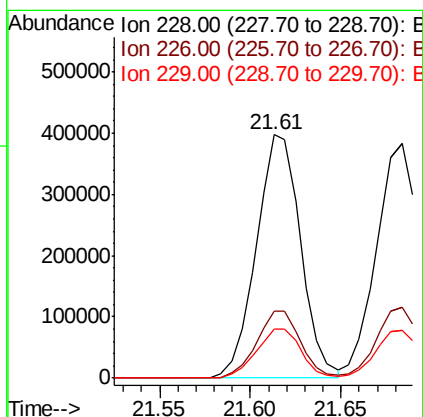
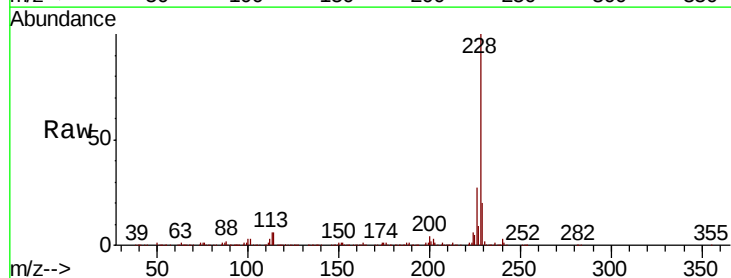
Instrument :
BNA_G
ClientSampled :

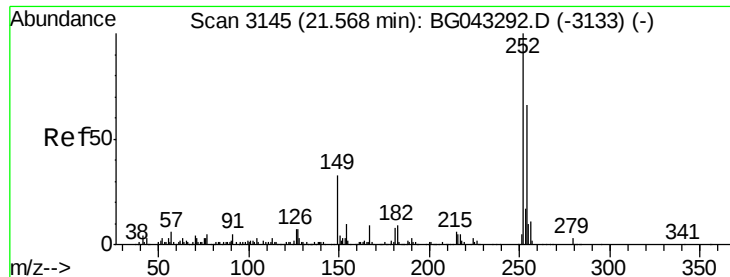
Tot Ion:149 Resp: 243802
Ion Ratio Lower Upper
149 100
91 67.1 51.2 76.8
206 26.5 22.5 33.7



#81
Benzo(a)anthracene
Concen: 52.525 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.03 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion:228 Resp: 674672
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.9 17.0 25.4

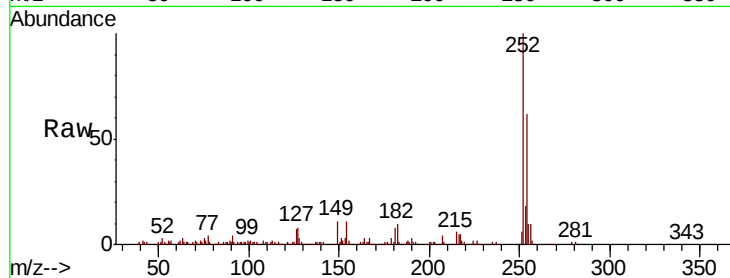




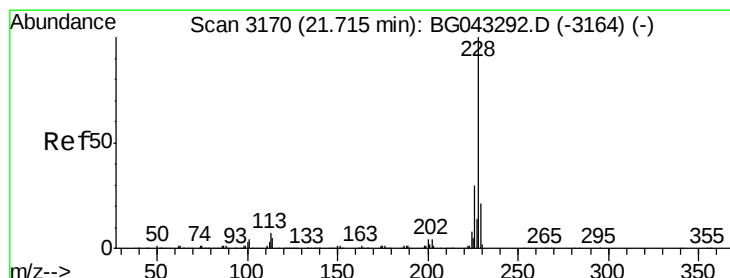
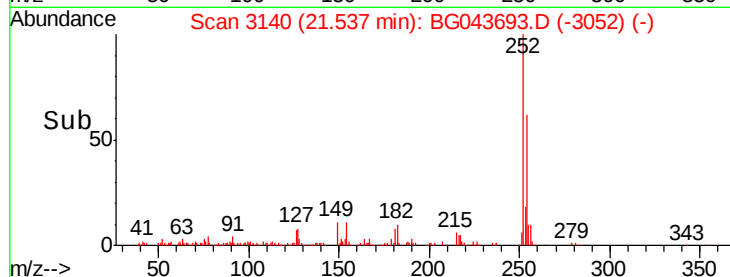
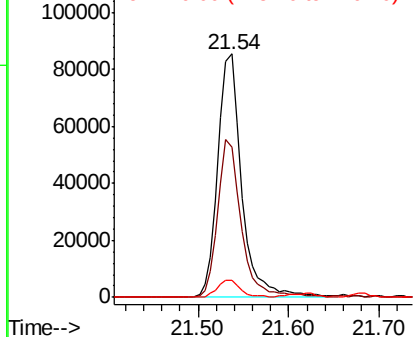
#82
 3,3'-Dichlorobenzidine
 Concen: 31.634 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 157158
 Ion Ratio Lower Upper
 252 100
 254 61.9 50.8 76.2
 126 6.9 6.1 9.1

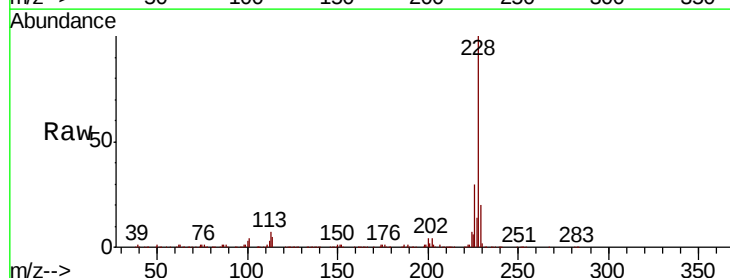


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

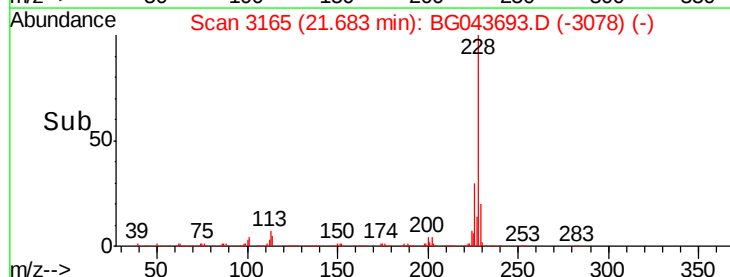
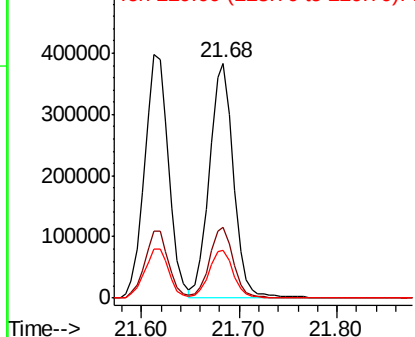


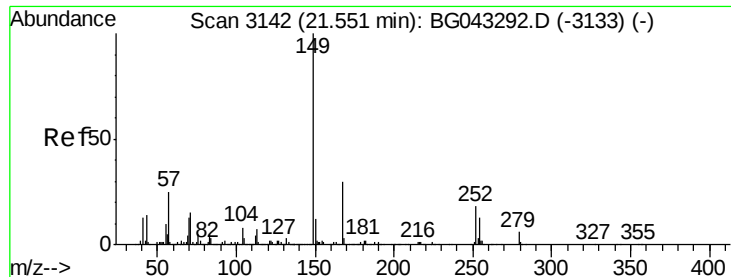
#83
 Chrysene
 Concen: 51.119 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion:228 Resp: 652384
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.1 37.7
 229 20.1 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 52.500 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.03 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

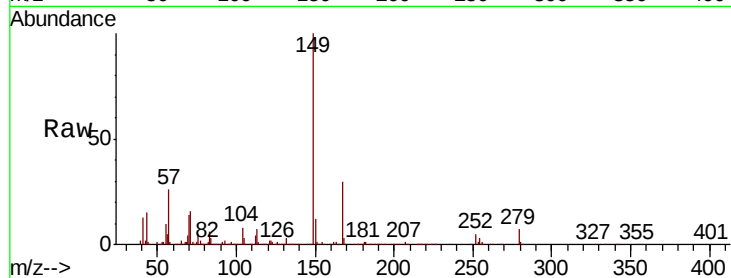
Tot Ion:149 Resp: 358628

Ion Ratio Lower Upper

149 100

167 30.2 24.0 36.0

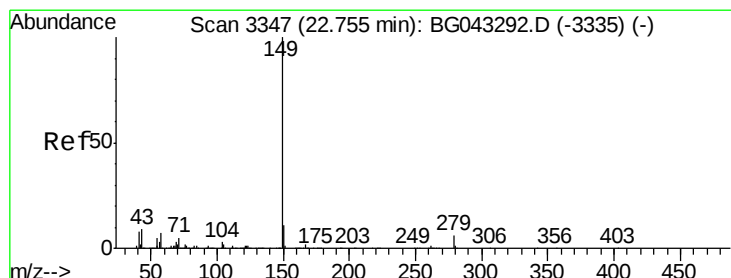
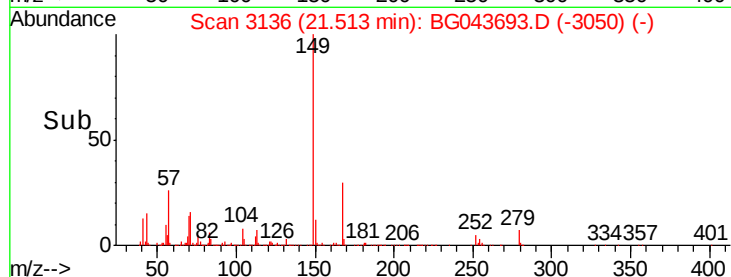
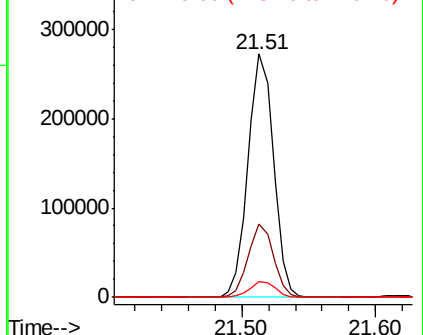
279 6.6 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 53.214 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

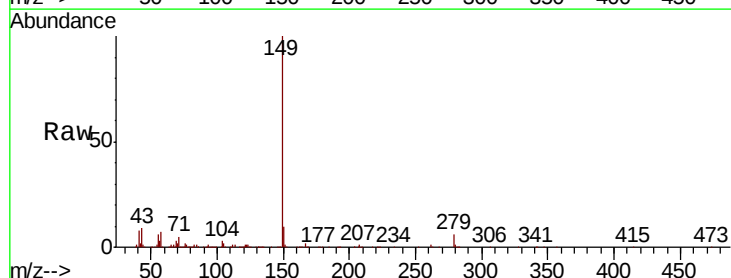
Tgt Ion:149 Resp: 616707

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

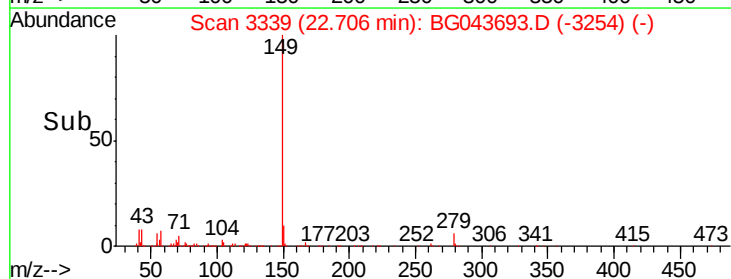
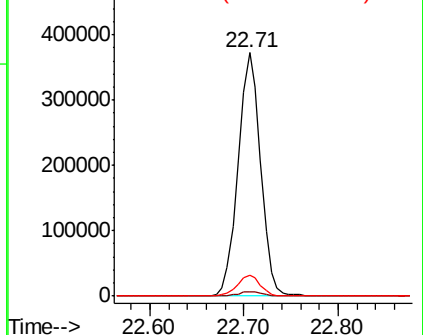
43 8.9 7.0 10.6

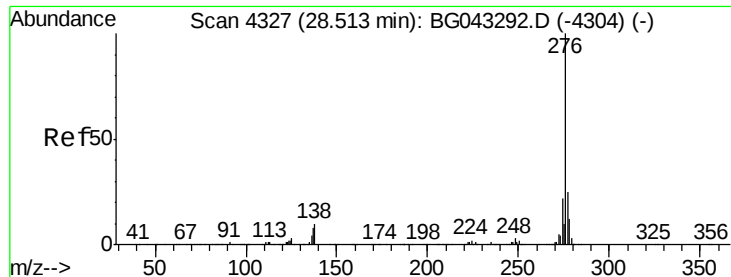


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

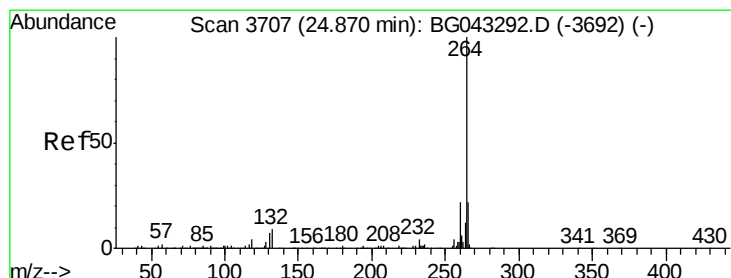
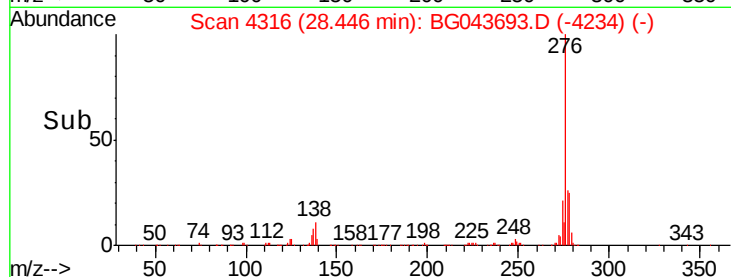
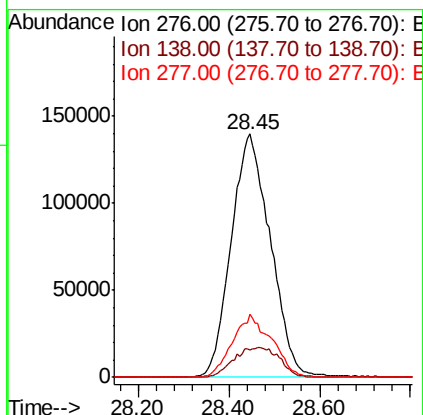
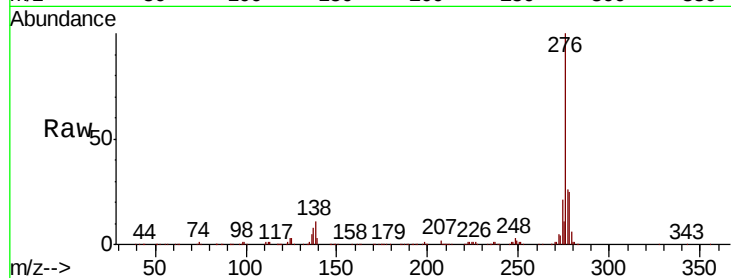




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 52.409 ng
 RT: 28.45 min Scan# 4316
 Delta R.T. -0.05 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

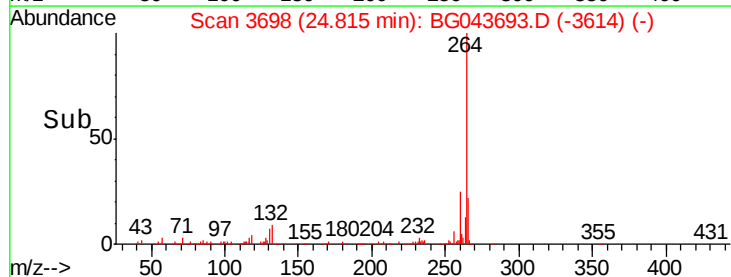
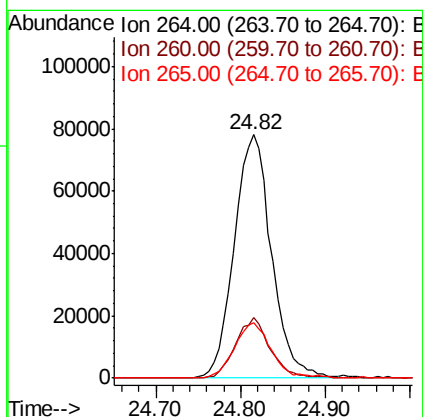
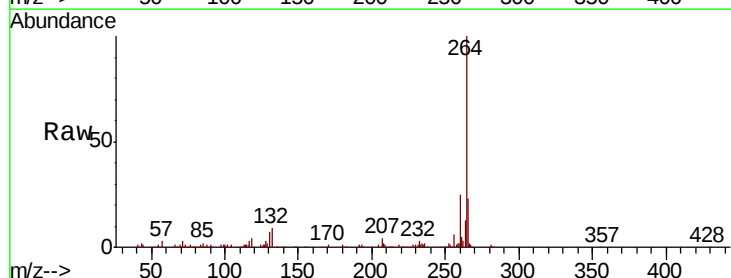
Instrument :
 BNA_G
 ClientSampleId :

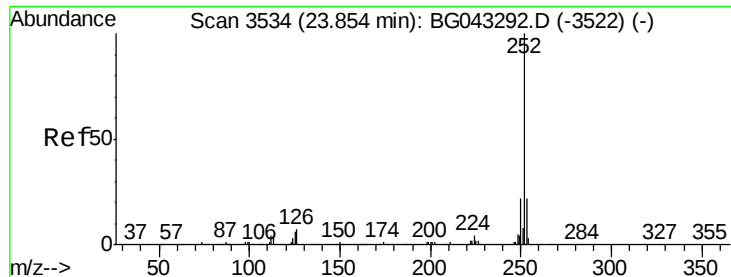
Tot Ion:276 Resp: 839573
 Ion Ratio Lower Upper
 276 100
 138 5.7 6.8 10.2#
 277 26.0 20.9 31.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3698
 Delta R.T. -0.04 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion:264 Resp: 238406
 Ion Ratio Lower Upper
 264 100
 260 24.8 17.5 26.3
 265 22.6 17.4 26.0

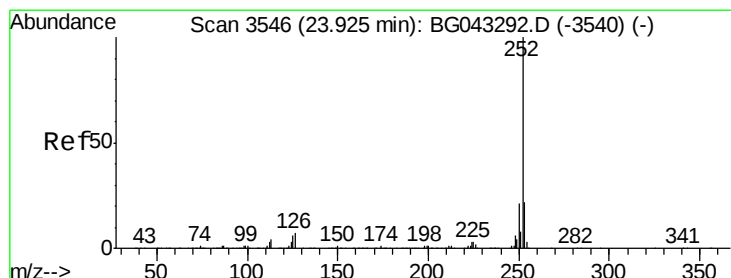
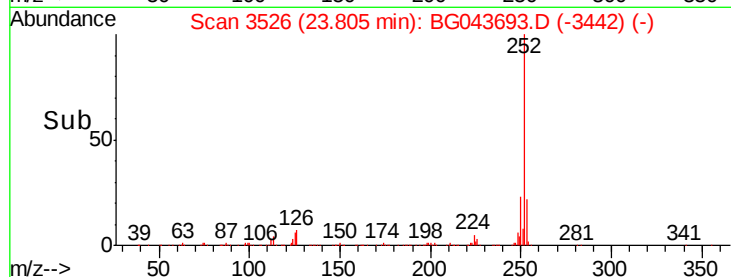
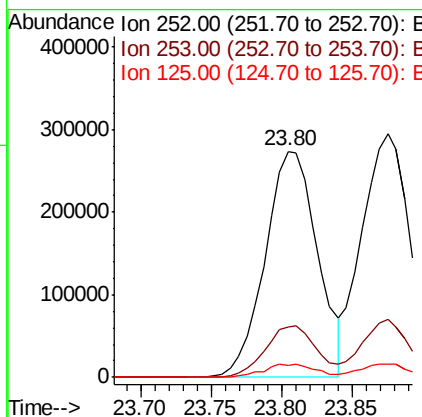
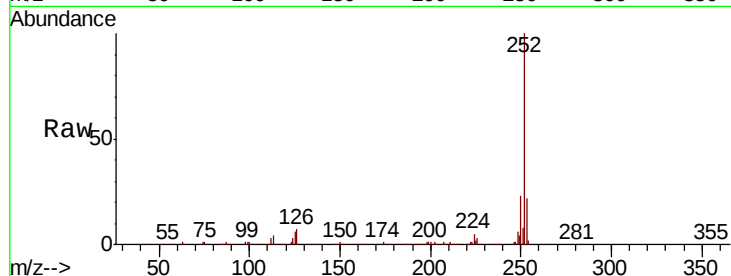




#88
Benzo(b)fluoranthene
Concen: 52.473 ng
RT: 23.80 min Scan# 3526
Delta R.T. -0.04 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

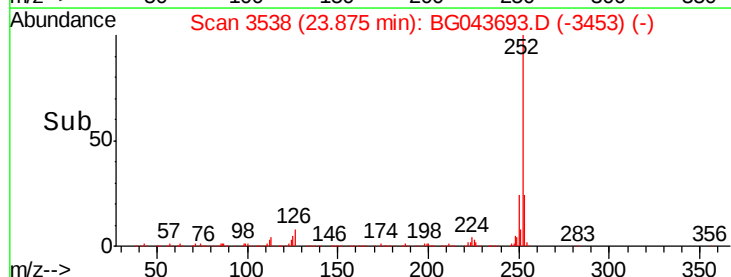
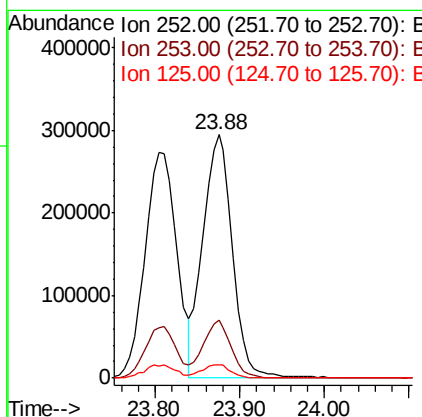
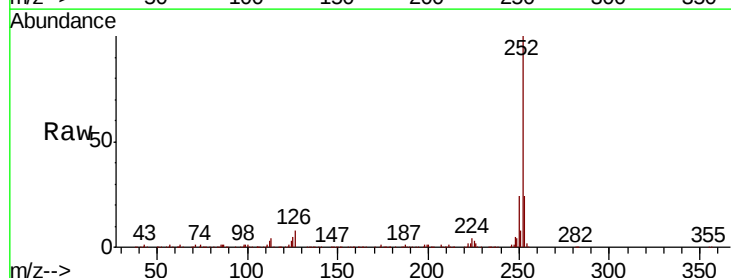
Instrument :
BNA_G
ClientSampleId :

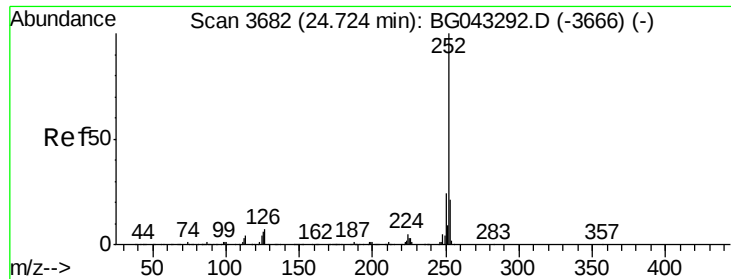
Tot Ion:252 Resp: 708525
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 5.5 4.5 6.7



#89
Benzo(k)fluoranthene
Concen: 52.528 ng
RT: 23.88 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion:252 Resp: 714014
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 5.5 4.6 6.8





#90

Benzo(a)pyrene

Concen: 49.745 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.03 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

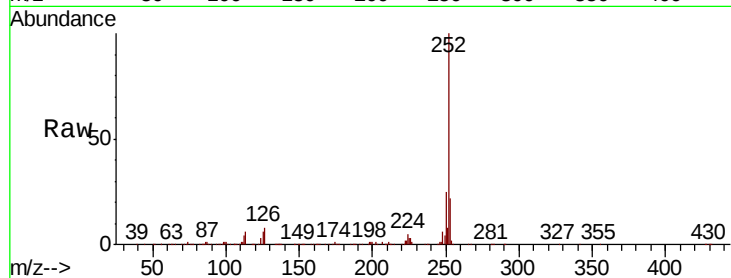
Tot Ion:252 Resp: 641411

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

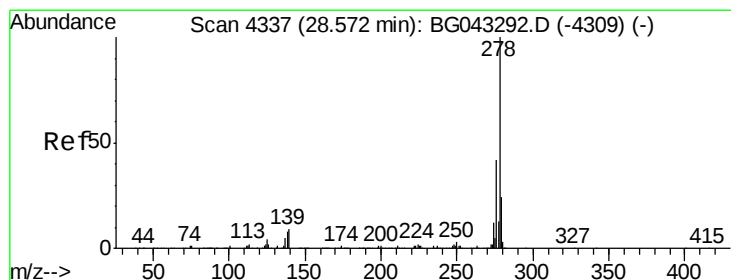
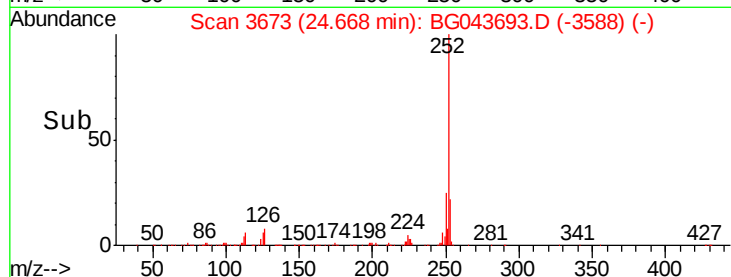
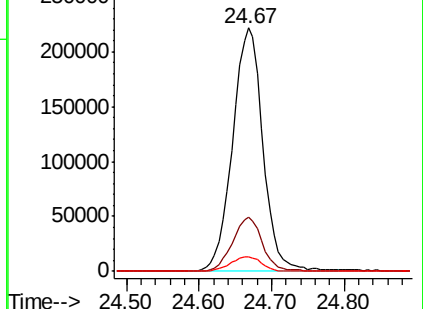
125 6.1 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 53.826 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.05 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

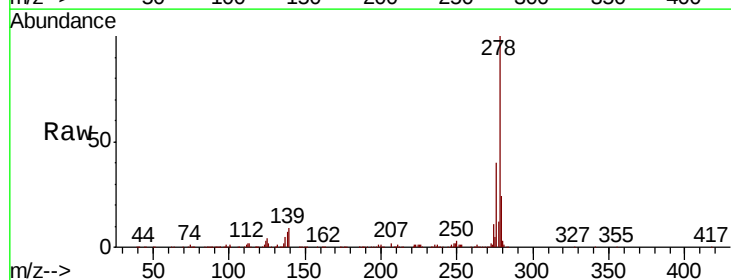
Tgt Ion:278 Resp: 709890

Ion Ratio Lower Upper

278 100

139 8.5 7.4 11.0

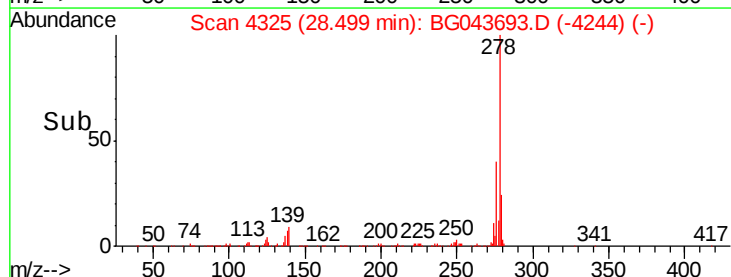
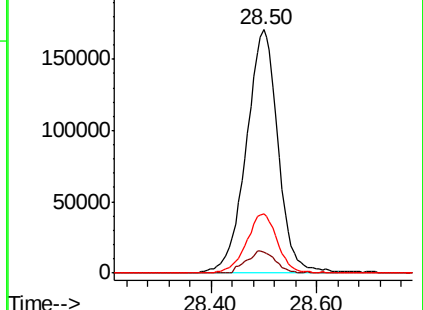
279 24.3 19.1 28.7

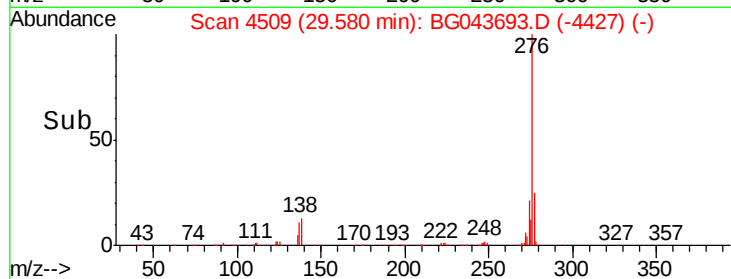
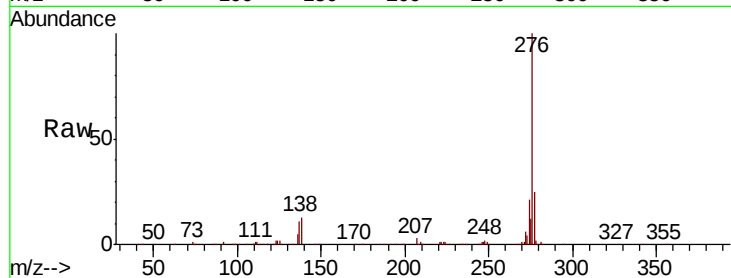
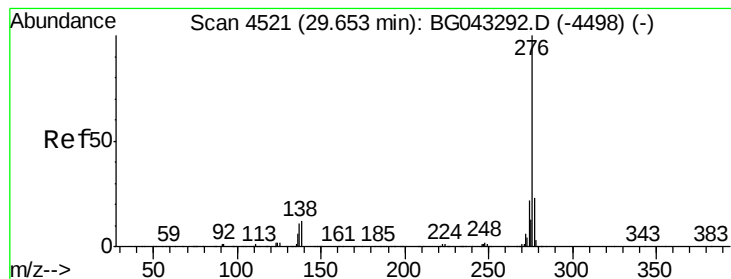


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 54.573 ng

RT: 29.58 min Scan# 4509

Delta R.T. -0.05 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 276 Resp: 709956

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 13.0 8.9 13.3

