

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043793.D
 Acq On : 9 Dec 2019 16:05
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 17:20:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	135481	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	549859	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	383934	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	828333	20.00	ng	0.00
76) Chrysene-d12	21.63	240	676440	20.00	ng	0.00
87) Perylene-d12	24.79	264	770953	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1075271	142.68	ng	0.00
7) Phenol-d6	7.16	99	1542637	140.82	ng	0.00
23) Nitrobenzene-d5	9.16	82	1557191	155.71	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	603984	130.43	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	3004841	128.65	ng	0.00
79) Terphenyl-d14	19.99	244	3576106	119.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	248017	74.225	ng	100
3) Pyridine	3.88	79	649132	68.994	ng	98
4) n-Nitrosodimethylamine	3.79	42	336416	71.981	ng	97
6) Aniline	7.33	93	1028938	72.075	ng	100
8) 2-Chlorophenol	7.57	128	629683	73.260	ng	95
9) Benzaldehyde	7.14	77	341935	52.255	ng	91
10) Phenol	7.19	94	801465	71.266	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	668948	71.273	ng	94
12) 1,3-Dichlorobenzene	7.90	146	737541	72.893	ng	97
13) 1,4-Dichlorobenzene	8.04	146	733831	71.604	ng	98
14) 1,2-Dichlorobenzene	8.36	146	709014	73.117	ng	96
15) Benzyl Alcohol	8.24	79	641563	70.116	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	1073676	66.517	ng	100
17) 2-Methylphenol	8.44	107	585516	72.821	ng	99
18) Hexachloroethane	9.10	117	276421	71.450	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	598505	69.474	ng	100
20) 3+4-Methylphenols	8.77	107	822856	73.356	ng	99
22) Acetophenone	8.83	105	1059142	72.675	ng	# 97
24) Nitrobenzene	9.20	77	796812	77.514	ng	98
25) Isophorone	9.73	82	1548167	72.197	ng	98
26) 2-Nitrophenol	9.91	139	344795	92.968	ng	98
27) 2,4-Dimethylphenol	9.97	122	567704	77.956	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	971865	73.534	ng	96
29) 2,4-Dichlorophenol	10.45	162	704357	79.560	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	785206	75.687	ng	99
31) Naphthalene	10.86	128	2004781	73.499	ng	96
32) Benzoic acid	10.16	122	491381	93.567	ng	96
33) 4-Chloroaniline	10.96	127	1017370	77.417	ng	97
34) Hexachlorobutadiene	11.15	225	482883	70.784	ng	97
35) Caprolactam	11.75	113	277161	76.992	ng	99
36) 4-Chloro-3-methylphenol	12.08	107	744747	74.855	ng	98
37) 2-Methylnaphthalene	12.46	142	1568273	76.296	ng	98
38) 1-Methylnaphthalene	12.68	142	1493083	76.537	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	899469	73.627	ng	99

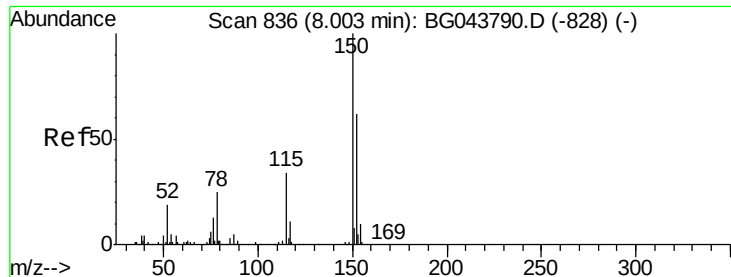
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043793.D
 Acq On : 9 Dec 2019 16:05
 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	459790	69.661	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	610659	77.721	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	630170	77.095	ng	97
46) 1,1'-Biphenyl	13.47	154	1952196	73.355	ng	92
47) 2-Chloronaphthalene	13.51	162	1629843	75.098	ng	94
48) 2-Nitroaniline	13.70	65	552184	86.907	ng	95
49) Acenaphthylene	14.36	152	2354927	68.967	ng	92
50) Dimethylphthalate	14.09	163	2019802	66.411	ng	96
51) 2,6-Dinitrotoluene	14.20	165	494655	87.580	ng	98
52) Acenaphthene	14.70	154	1635313	74.890	ng	97
53) 3-Nitroaniline	14.53	138	555275	84.170	ng	95
54) 2,4-Dinitrophenol	14.73	184	198195	85.888	ng	96
55) Dibenzofuran	15.03	168	2255429	66.301	ng	# 91
56) 4-Nitrophenol	14.83	139	424052	76.312	ng	99
57) 2,4-Dinitrotoluene	14.98	165	677549	86.501	ng	99
58) Fluorene	15.68	166	1841142	65.997	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	564030	68.702	ng	97
60) Diethylphthalate	15.46	149	2012844	63.032	ng	94
61) 4-Chlorophenyl-phenylether	15.67	204	1077058	70.123	ng	97
62) 4-Nitroaniline	15.70	138	555154	73.387	ng	99
63) Azobenzene	15.97	77	1856514	64.854	ng	94
65) 4,6-Dinitro-2-methylphenol	15.75	198	280369	99.746	ng	99
66) n-Nitrosodiphenylamine	15.89	169	1739227	79.303	ng	95
67) 4-Bromophenyl-phenylether	16.57	248	697646	79.866	ng	99
68) Hexachlorobenzene	16.69	284	728964	76.335	ng	97
69) Atrazine	16.83	200	398165	45.300	ng	100
70) Pentachlorophenol	17.02	266	424641	72.873	ng	98
71) Phenanthrene	17.42	178	2760986	67.363	ng	# 89
72) Anthracene	17.51	178	2727647	65.880	ng	# 89
73) Carbazole	17.77	167	2556464	62.322	ng	# 91
74) Di-n-butylphthalate	18.35	149	2870183	54.668	ng	# 91
75) Fluoranthene	19.42	202	3028481	51.511	ng	87
77) Benzidine	19.60	184	1194078	60.430	ng	95
78) Pyrene	19.78	202	3017796	69.126	ng	# 84
80) Butylbenzylphthalate	20.68	149	1485583	74.699	ng	96
81) Benzo(a)anthracene	21.61	228	3055960	67.577	ng	# 86
82) 3,3'-Dichlorobenzidine	21.53	252	1225524	72.267	ng	96
83) Chrysene	21.68	228	2904461	67.875	ng	# 86
84) Bis(2-ethylhexyl)phthalate	21.55	149	2003287	71.591	ng	# 92
85) Di-n-octyl phthalate	22.75	149	3320716	73.164	ng	# 94
86) Indeno(1,2,3-cd)pyrene	28.39	276	4155709	83.487	ng	98
88) Benzo(b)fluoranthene	23.80	252	3412736	74.140	ng	94
89) Benzo(k)fluoranthene	23.87	252	3123882	70.713	ng	93
90) Benzo(a)pyrene	24.65	252	3238132	74.812	ng	95
91) Dibenzo(a,h)anthracene	28.46	278	3311822	78.883	ng	97
92) Benzo(g,h,i)perylene	29.51	276	3293574	79.550	ng	98

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

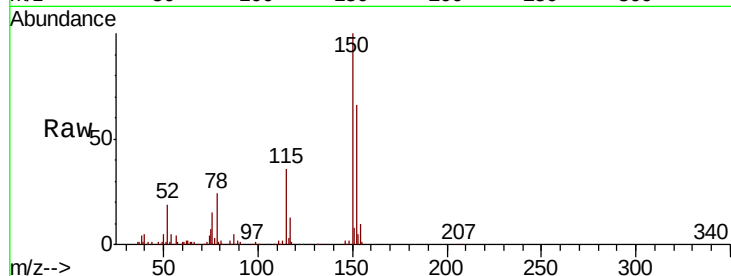


#1

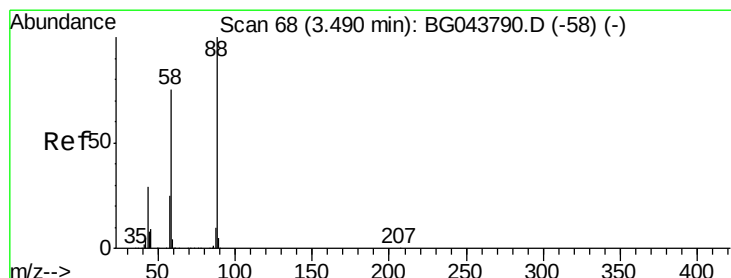
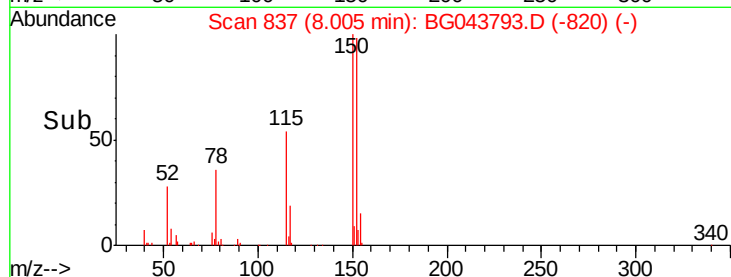
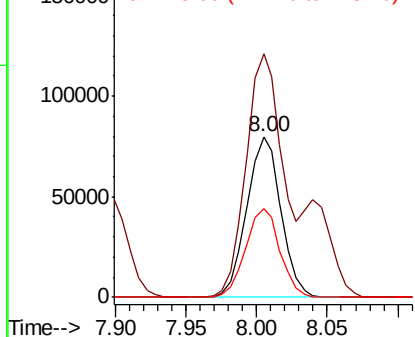
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 135481
Ion Ratio Lower Upper
152 100
150 151.2 128.6 192.8
115 55.2 44.3 66.5



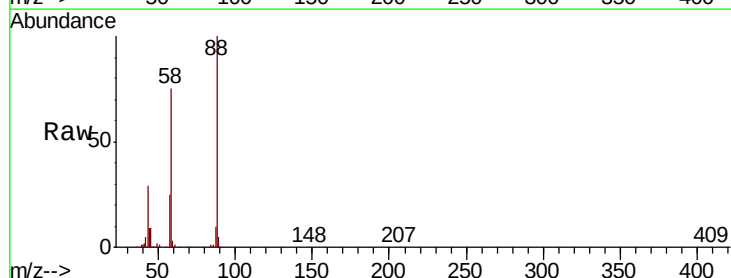
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



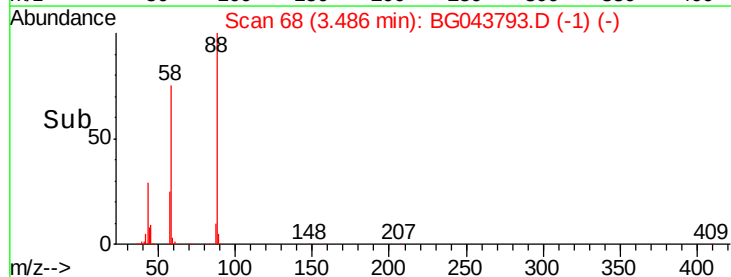
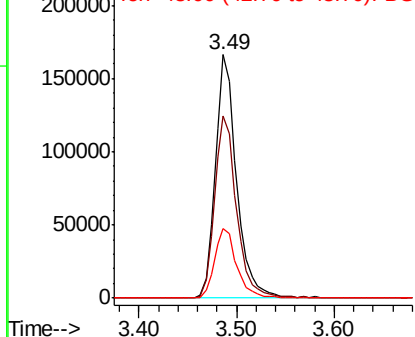
#2

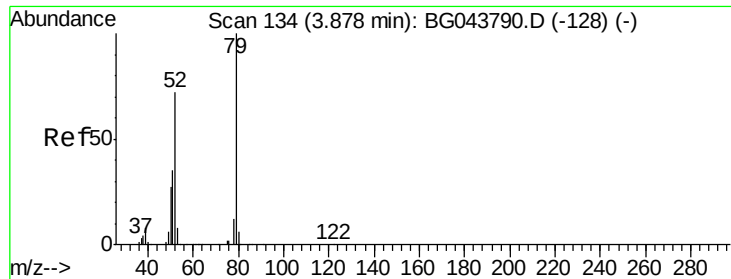
1,4-Dioxane
Concen: 74.225 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion: 88 Resp: 248017
Ion Ratio Lower Upper
88 100
58 78.0 62.2 93.4
43 30.2 24.3 36.5



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: 68.994 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

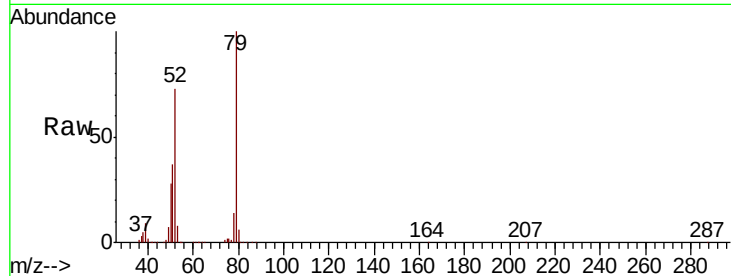
Tot Ion: 79 Resp: 649132

Ion Ratio Lower Upper

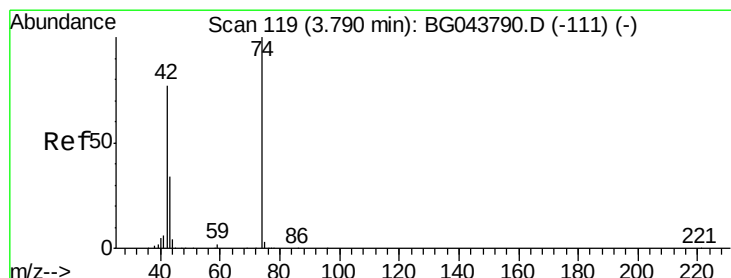
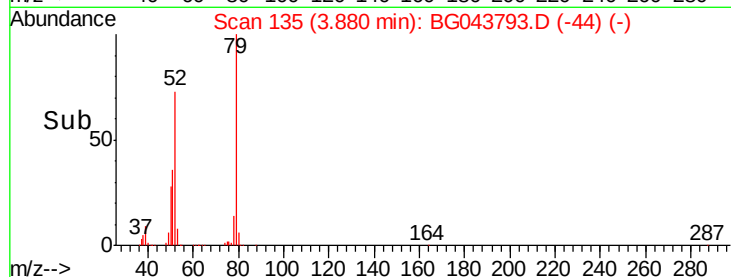
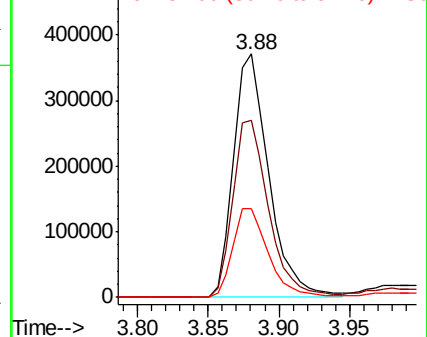
79 100

52 73.0 57.6 86.4

51 36.5 27.8 41.8



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



#4

n-Nitrosodimethylamine

Concen: 71.981 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

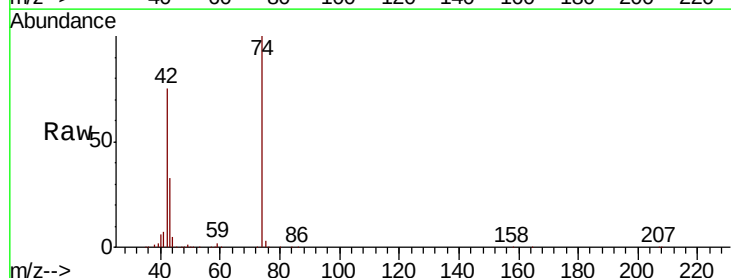
Tgt Ion: 42 Resp: 336416

Ion Ratio Lower Upper

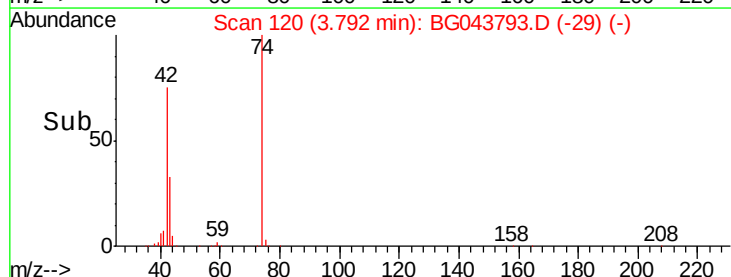
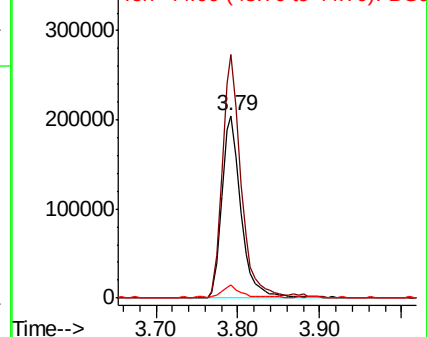
42 100

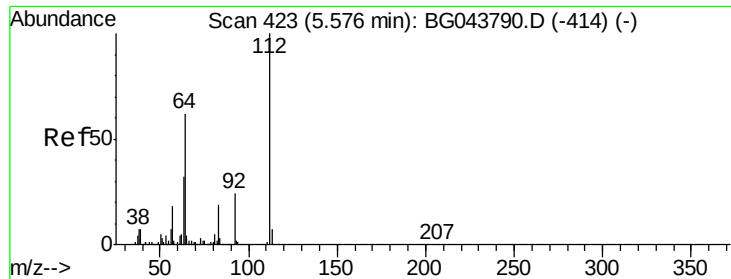
74 133.4 104.2 156.4

44 7.2 5.6 8.4



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





#5

2-Fluorophenol

Concen: 142.684 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampled :

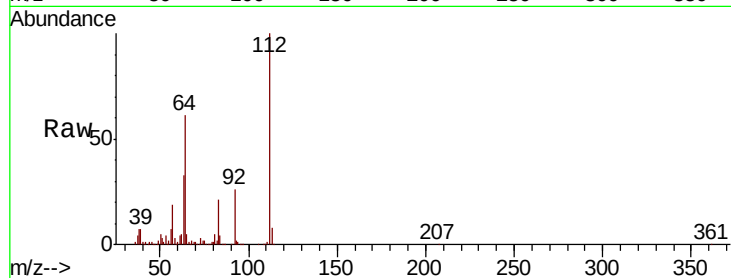
Tot Ion:112 Resp: 1075271

Ion Ratio Lower Upper

112 100

64 61.3 49.9 74.9

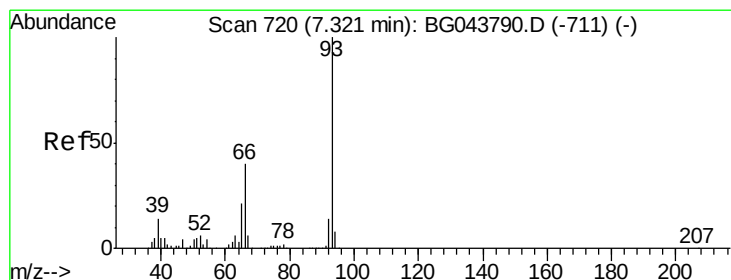
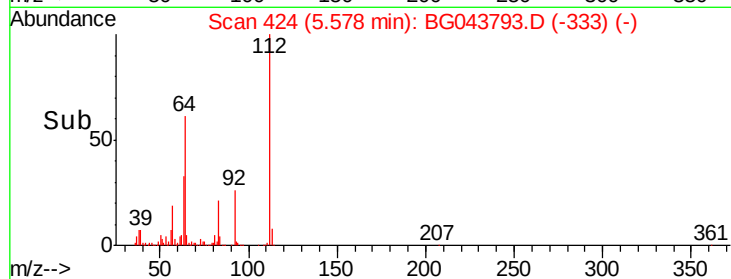
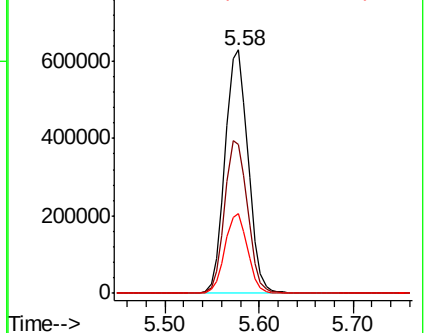
63 32.6 26.0 39.0



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: 72.075 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

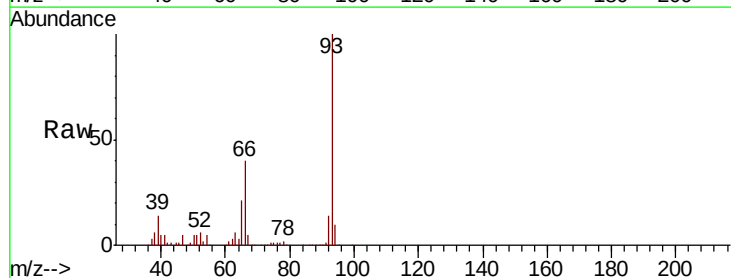
Tgt Ion: 93 Resp: 1028938

Ion Ratio Lower Upper

93 100

66 40.1 31.9 47.9

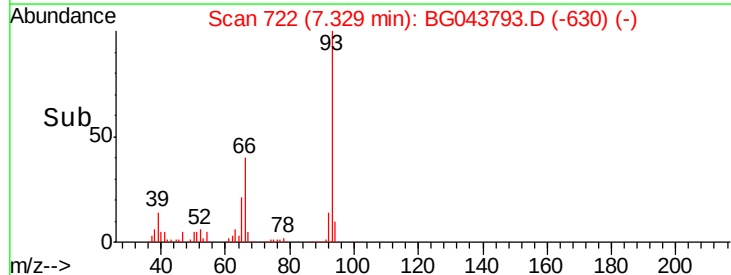
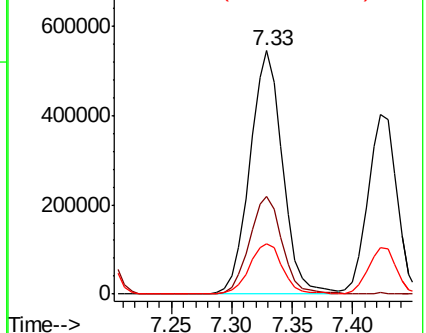
65 20.8 16.8 25.2

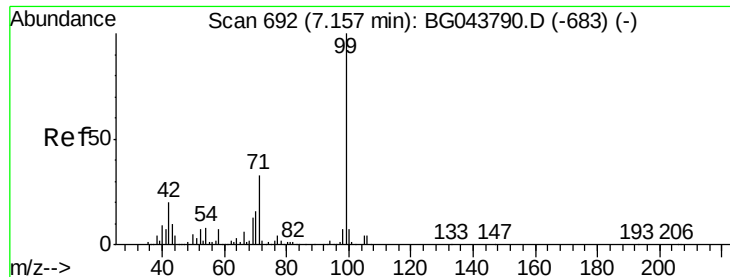


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.817 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

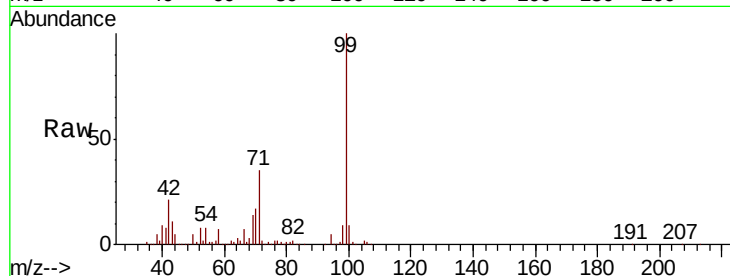
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1542637

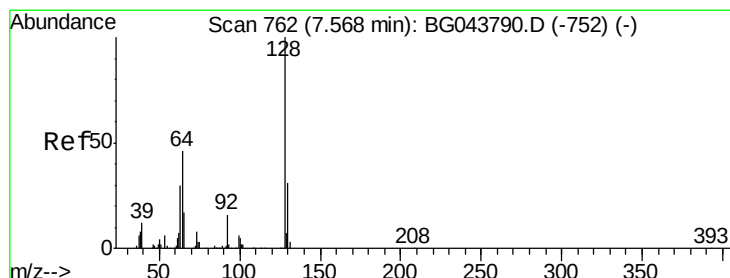
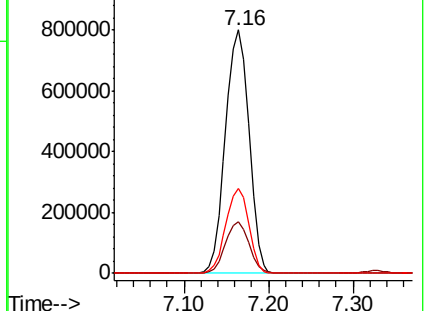
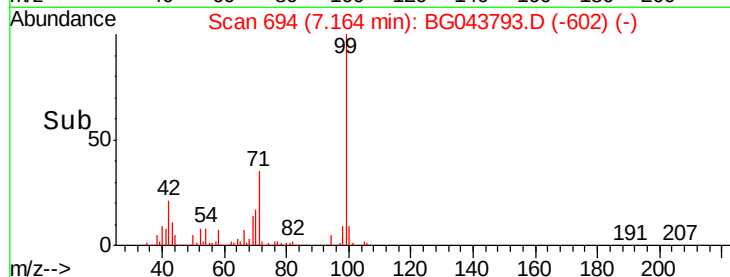
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.2	24.2
71	35.1	26.6	40.0



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: 73.260 ng

RT: 7.57 min Scan# 763

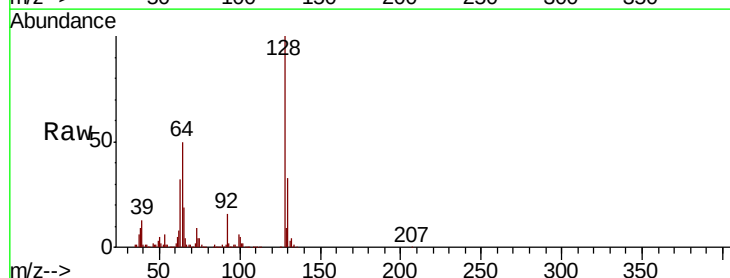
Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion: 128 Resp: 629683

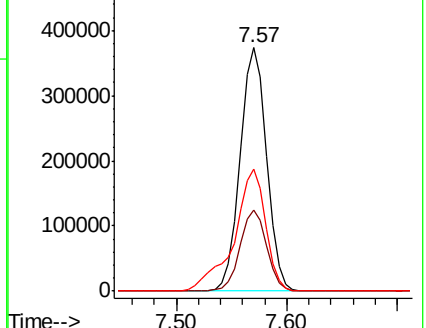
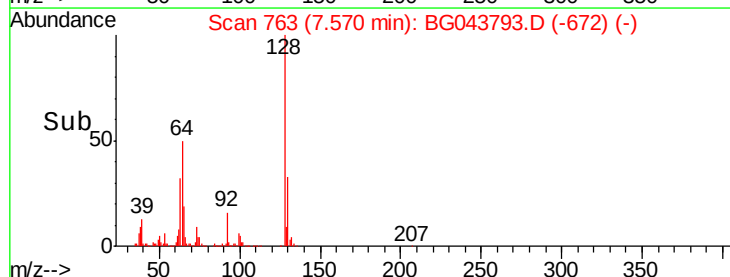
Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.1	51.1
64	50.1	26.5	66.5

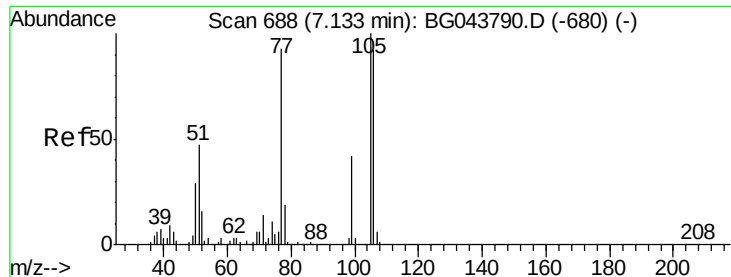


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 52.255 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

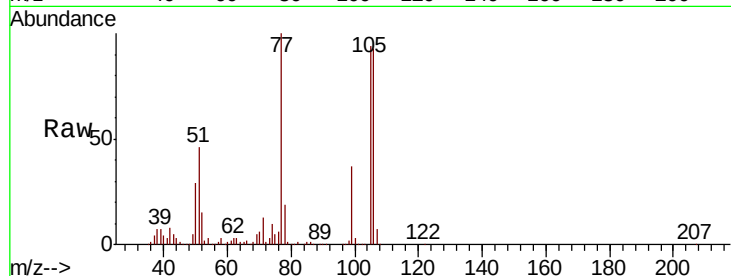
Tot Ion: 77 Resp: 341935

Ion Ratio Lower Upper

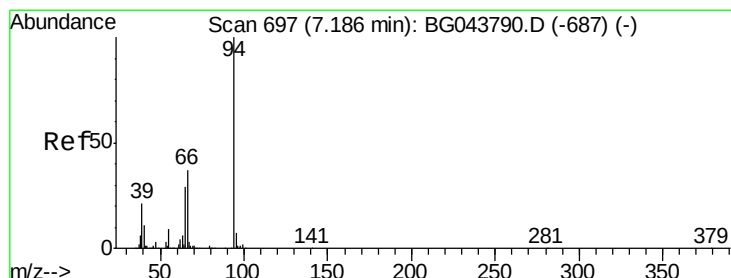
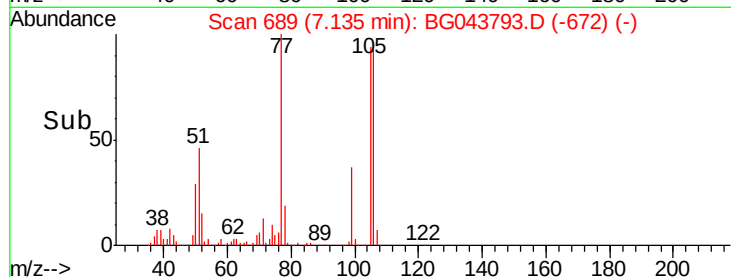
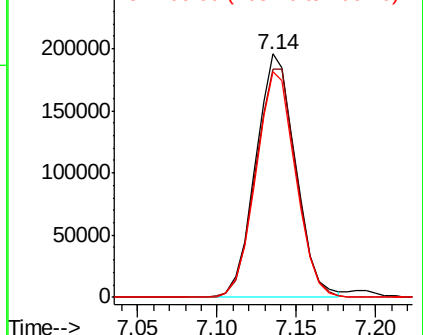
77 100

105 93.8 87.1 127.1

106 92.9 78.2 118.2



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: 71.266 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

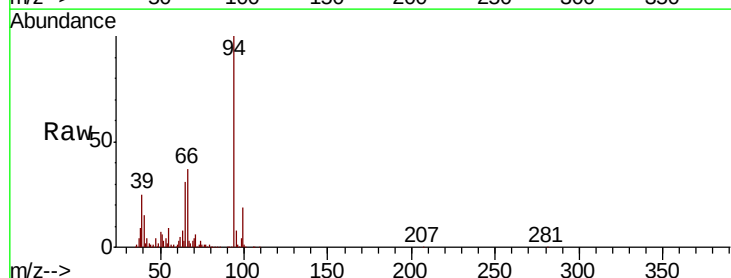
Tgt Ion: 94 Resp: 801465

Ion Ratio Lower Upper

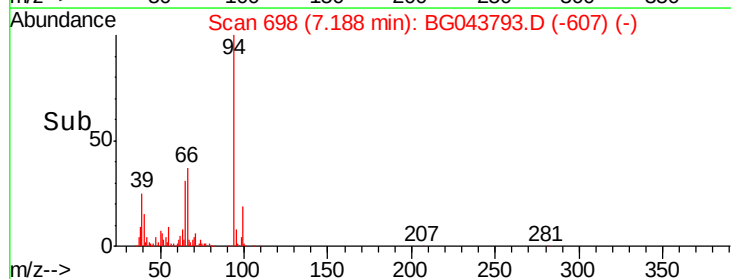
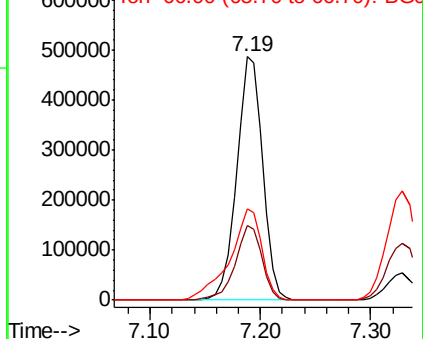
94 100

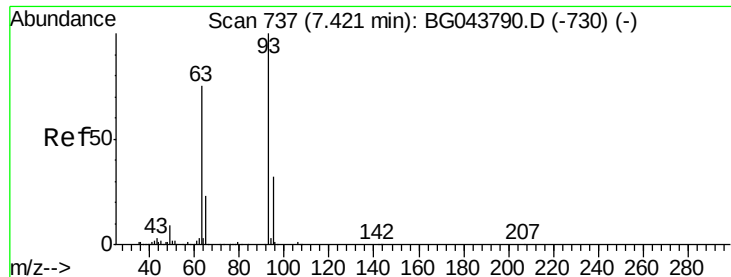
65 30.8 9.5 49.5

66 37.3 16.8 56.8



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

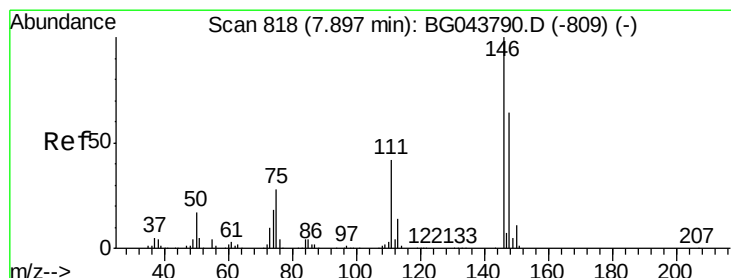
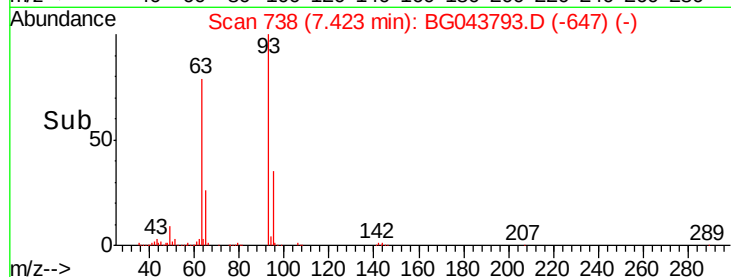
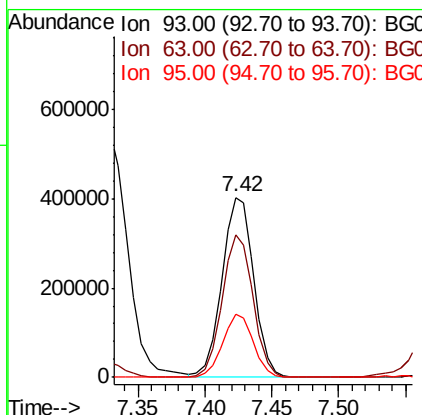
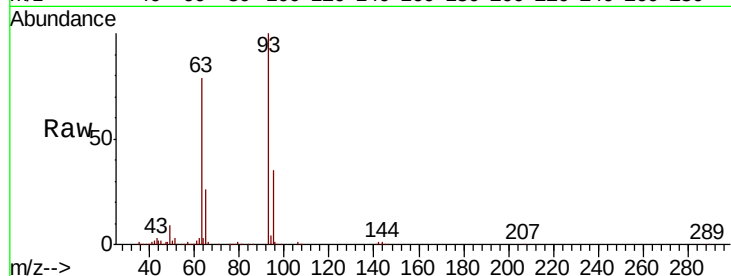




#11
bis(2-Chloroethyl)ether
Concen: 71.273 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

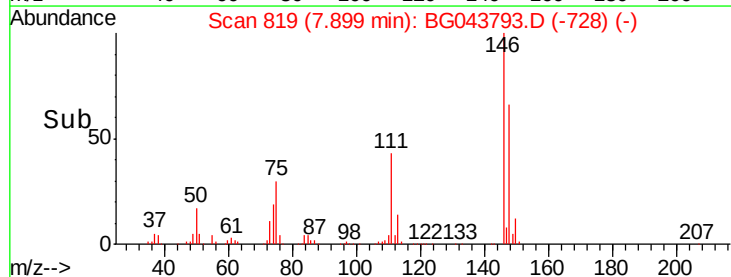
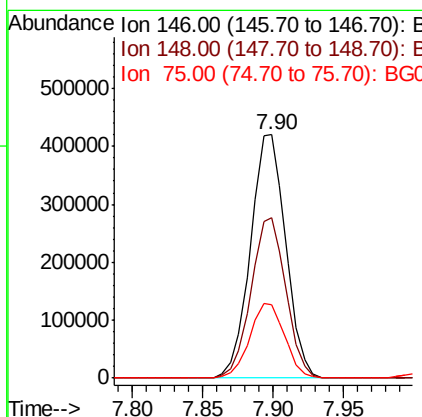
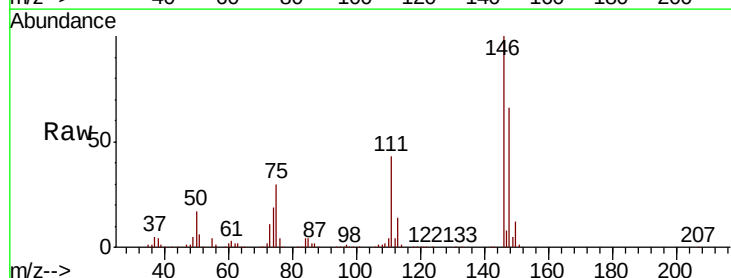
Instrument :
BNA_G
ClientSampleId :

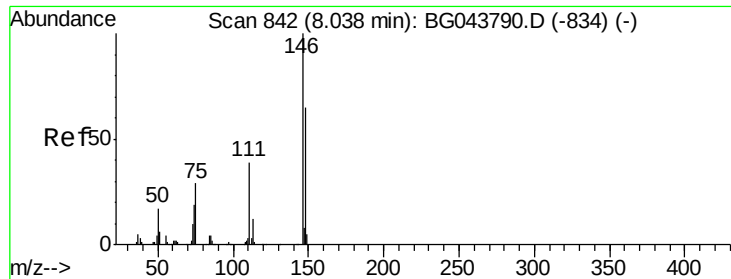
Tot Ion: 93 Resp: 668948
Ion Ratio Lower Upper
93 100
63 78.9 54.7 94.7
95 35.2 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 72.893 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion: 146 Resp: 737541
Ion Ratio Lower Upper
146 100
148 66.0 51.4 77.2
75 30.2 22.4 33.6

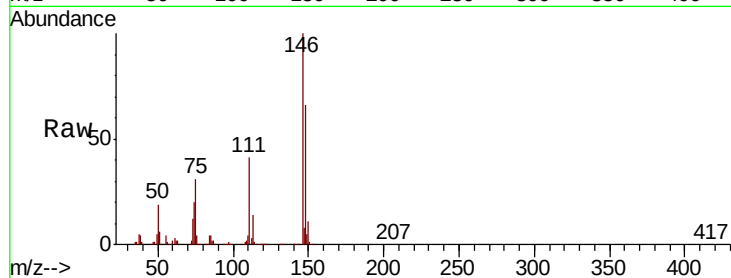




#13
 1,4-Dichlorobenzene
 Concen: 71.604 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.8	77.8
111	41.4	31.4	47.2

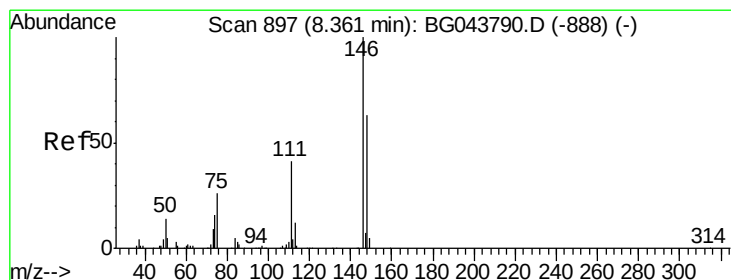
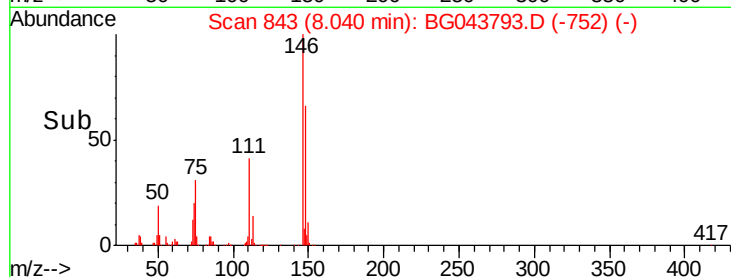
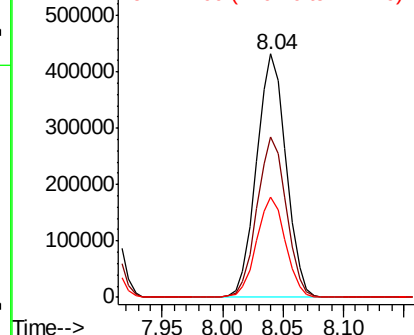


Abundance

Ion 146.00 (145.70 to 146.70): E

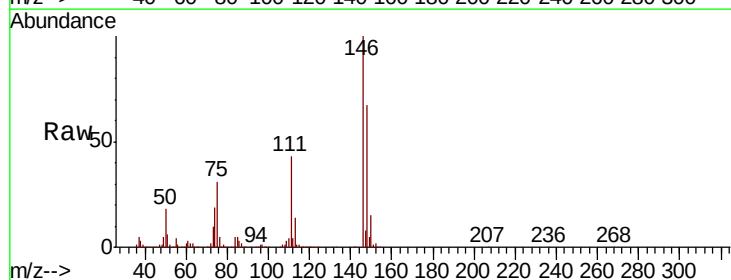
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 73.117 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.2	75.2
111	43.2	33.4	50.2

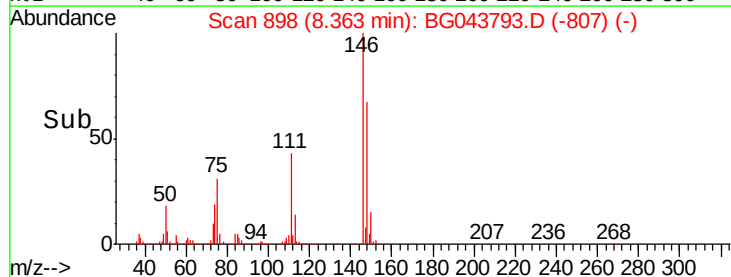
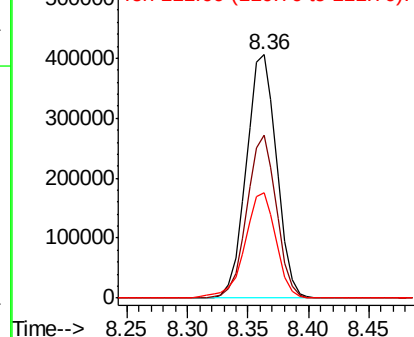


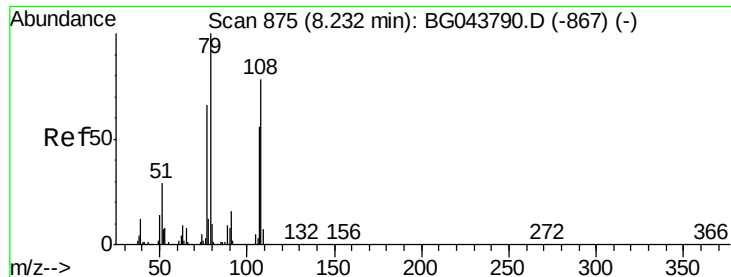
Abundance

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





#15

Benzyl Alcohol

Concen: 70.116 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

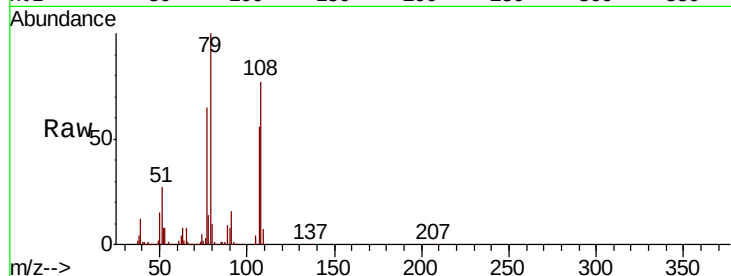
Tot Ion: 79 Resp: 641563

Ion Ratio Lower Upper

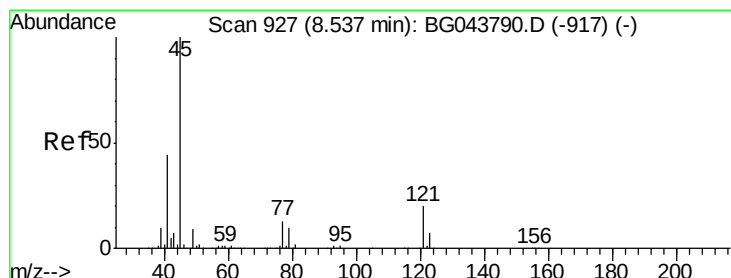
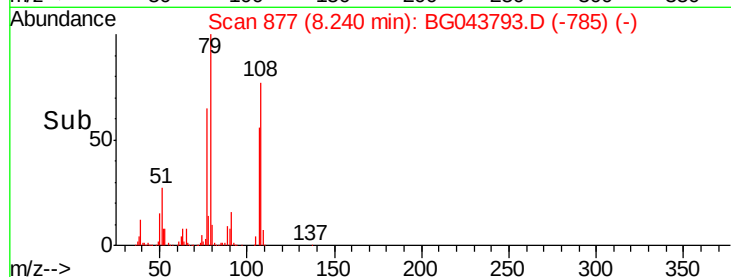
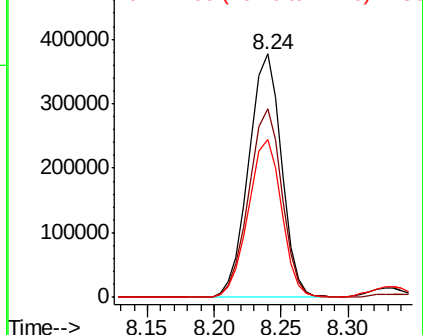
79 100

108 77.2 62.2 93.2

77 64.6 52.8 79.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 66.517 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

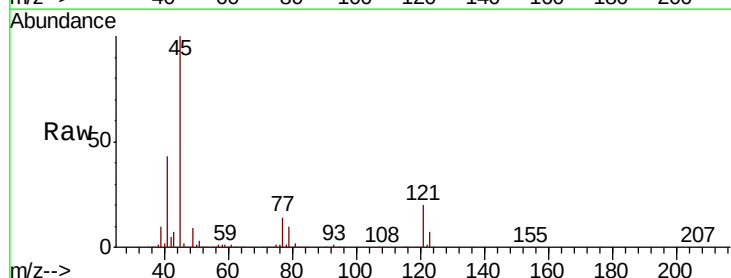
Tgt Ion: 45 Resp: 1073676

Ion Ratio Lower Upper

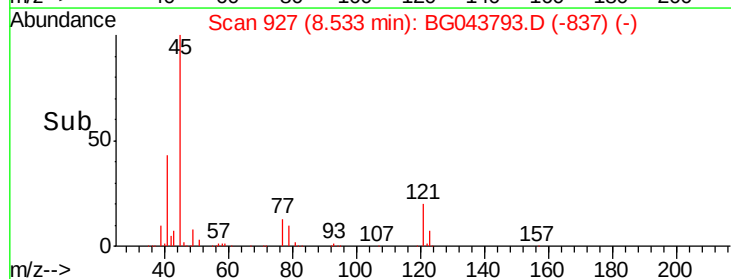
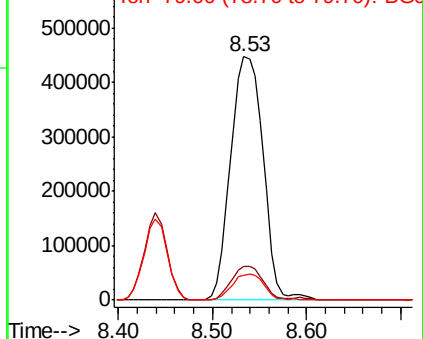
45 100

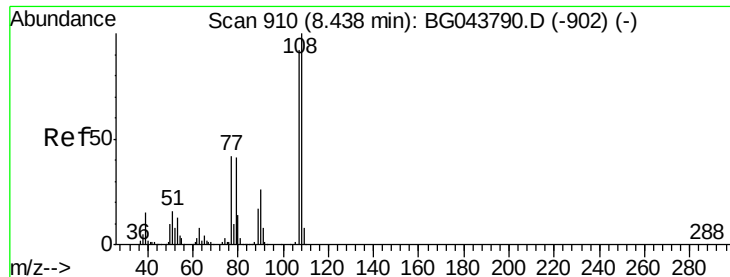
77 13.6 0.0 33.6

79 10.3 0.0 29.9



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





#17

2-Methylphenol

Concen: 72.821 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 585516

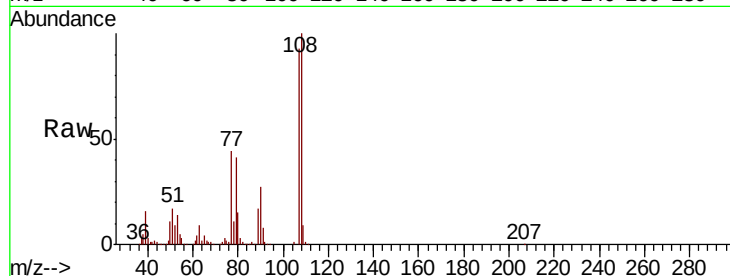
Ion Ratio Lower Upper

107 100

108 107.7 87.2 130.8

77 47.5 36.6 54.8

79 44.5 35.5 53.3

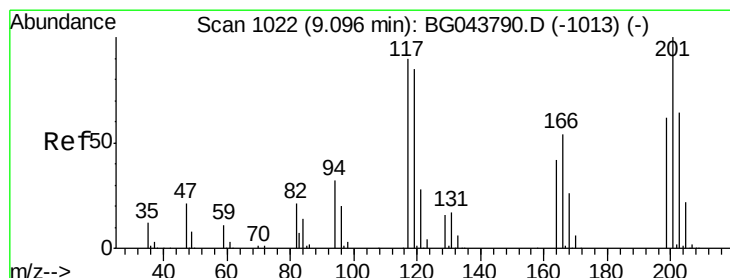
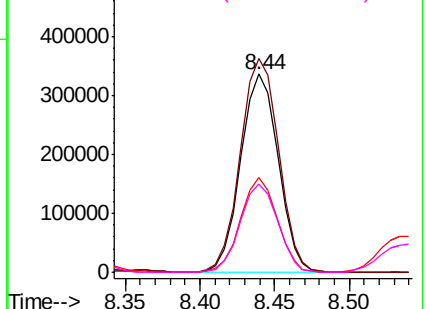
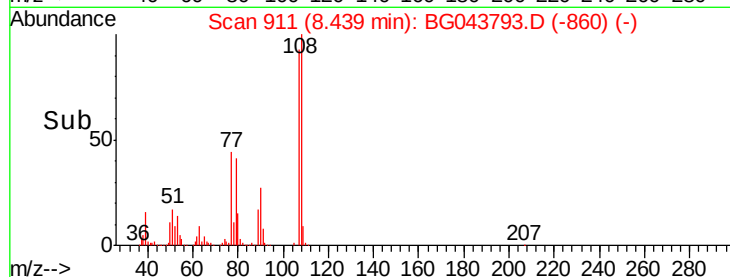


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 71.450 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

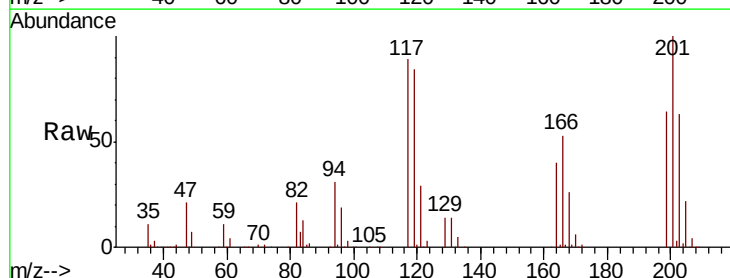
Tgt Ion:117 Resp: 276421

Ion Ratio Lower Upper

117 100

119 94.2 75.6 113.4

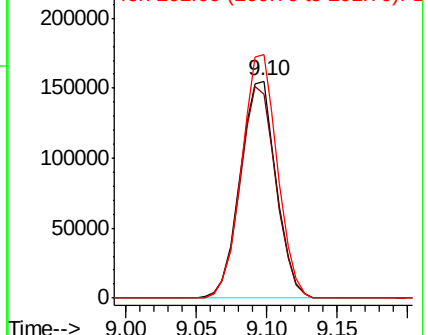
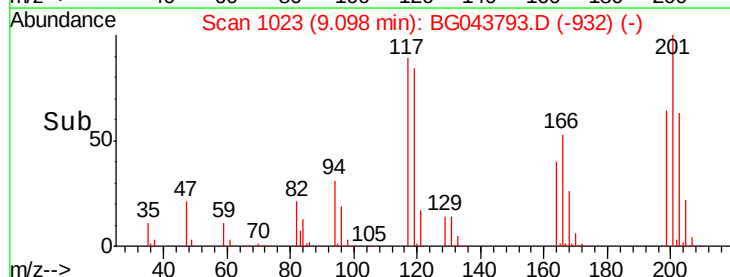
201 112.2 88.6 133.0

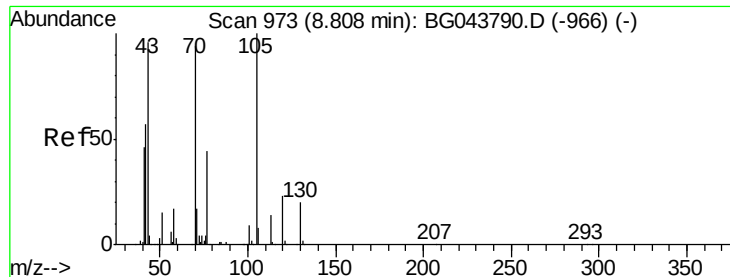


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

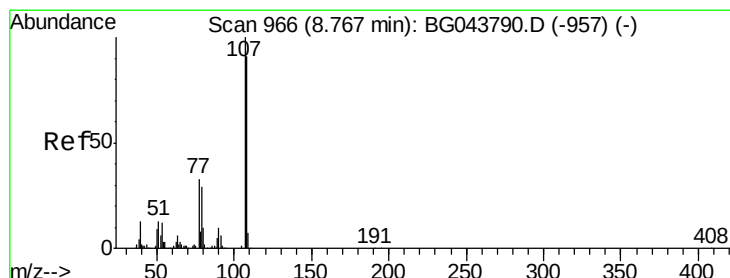
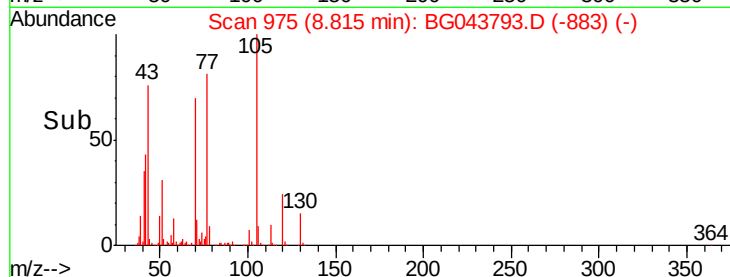
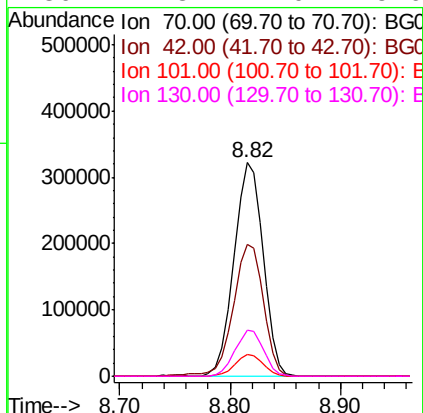
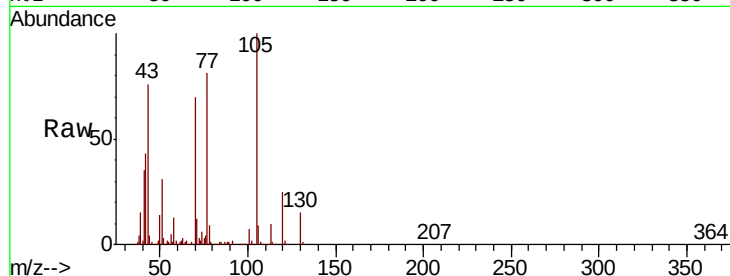




#19
n-Nitroso-di-n-propylamine
Concen: 69.474 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

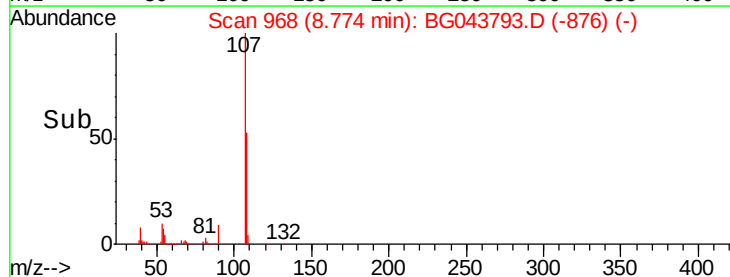
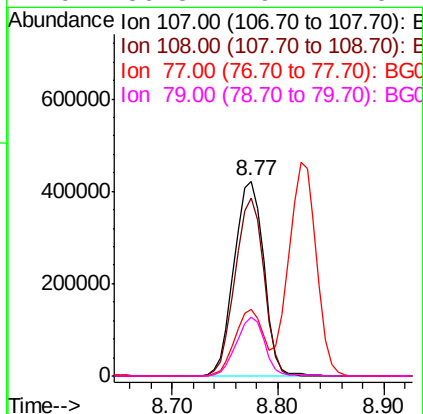
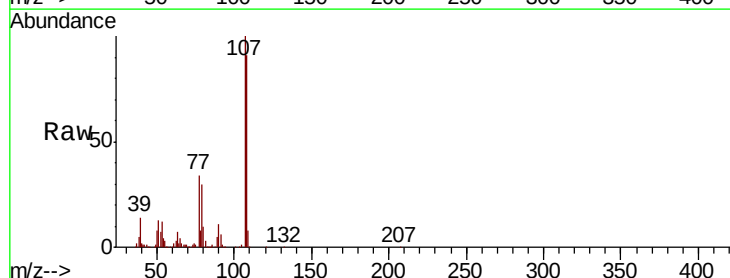
Instrument :
BNA_G
ClientSampleId :

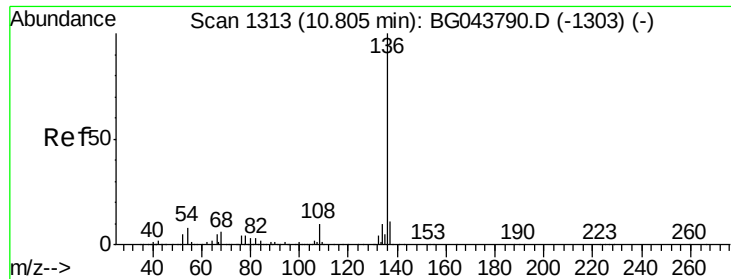
Tot Ion:	70	Resp:	598505
Ion	Ratio	Lower	Upper
70	100		
42	61.8	49.2	73.8
101	10.2	7.8	11.6
130	21.3	17.0	25.6



#20
3+4-Methylphenols
Concen: 73.356 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:	107	Resp:	822856
Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.9	110.9
77	34.2	12.7	52.7
79	30.3	9.1	49.1

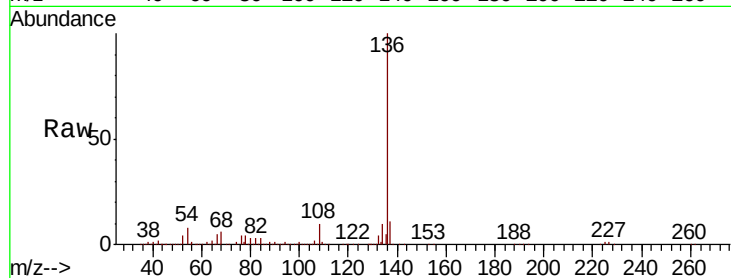




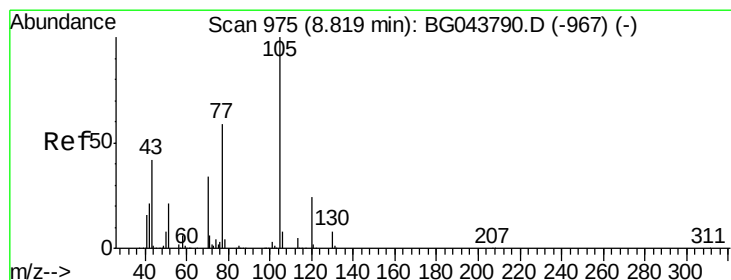
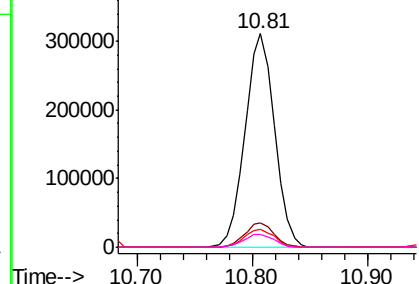
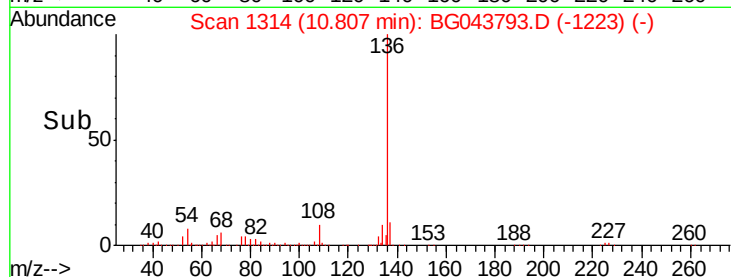
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 549859
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 8.5	6.8 10.2
68 5.8	5.0 7.4

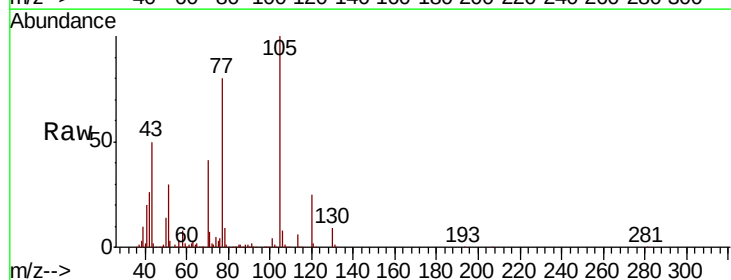


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

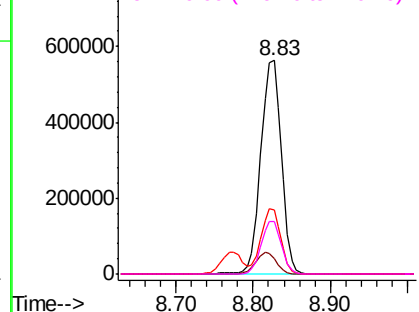
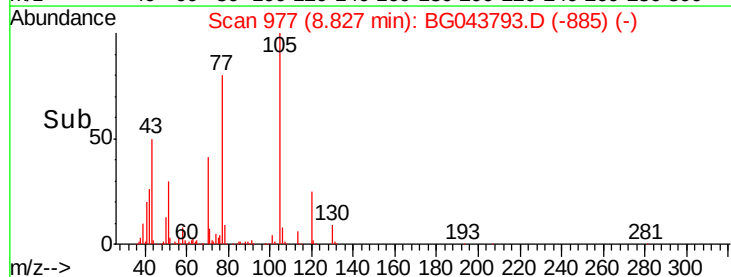


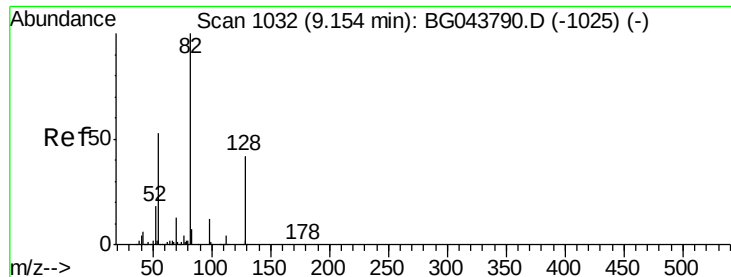
#22
Acetophenone
Concen: 72.675 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt	Ion:105	Resp:	1059142
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.9	7.3#
51	30.1	22.2	33.4
120	24.7	19.0	28.6



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

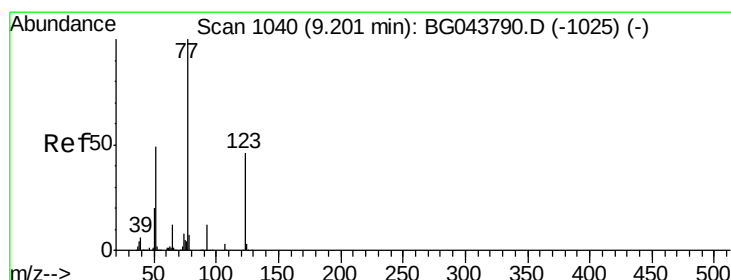
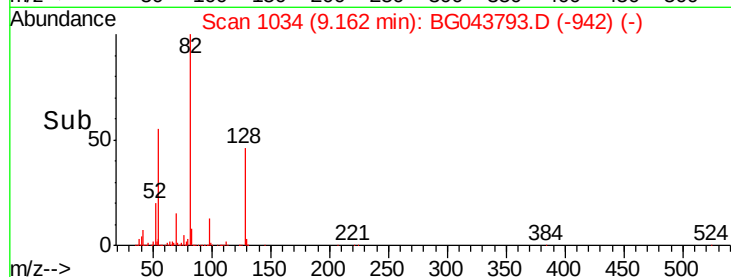
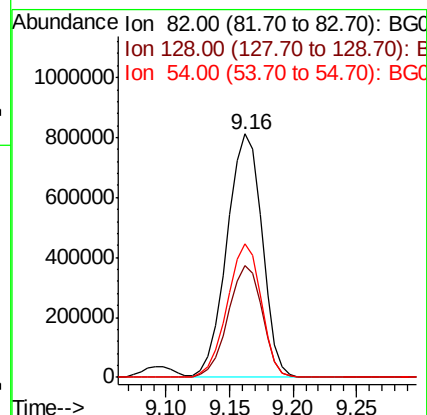
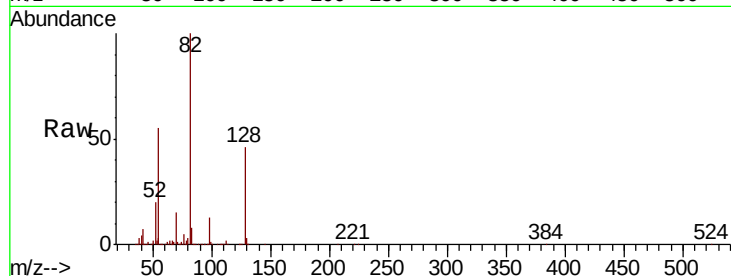




#23
 Nitrobenzene-d5
 Concen: 155.709 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

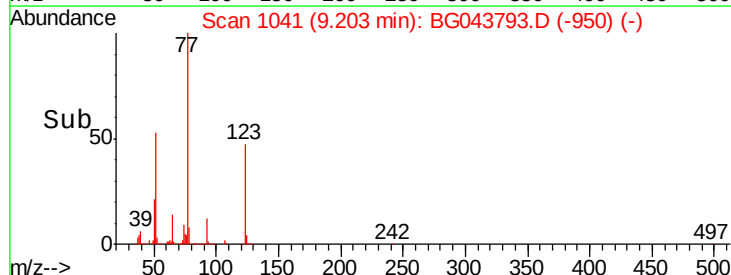
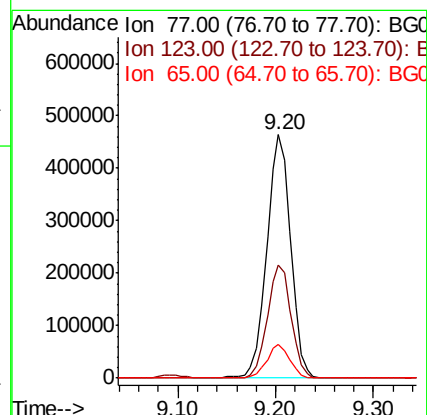
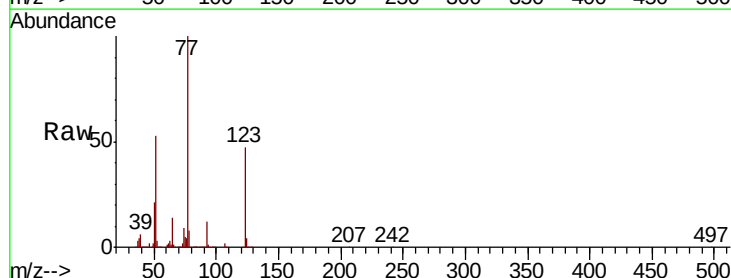
Instrument :
 BNA_G
 ClientSampleId :

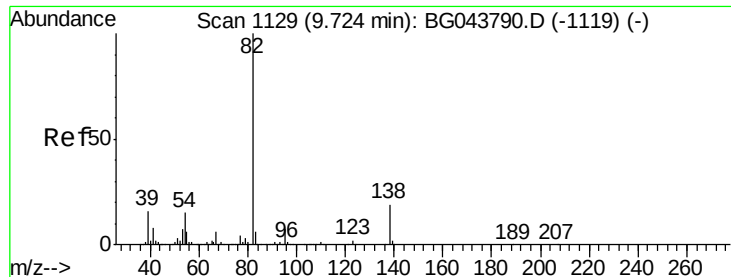
Tot Ion: 82 Resp: 1557191
 Ion Ratio Lower Upper
 82 100
 128 45.9 33.6 50.4
 54 54.9 42.1 63.1



#24
 Nitrobenzene
 Concen: 77.514 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Tgt Ion: 77 Resp: 796812
 Ion Ratio Lower Upper
 77 100
 123 46.7 36.6 55.0
 65 13.9 9.8 14.6





#25

Isophorone

Concen: 72.197 ng

RT: 9.73 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

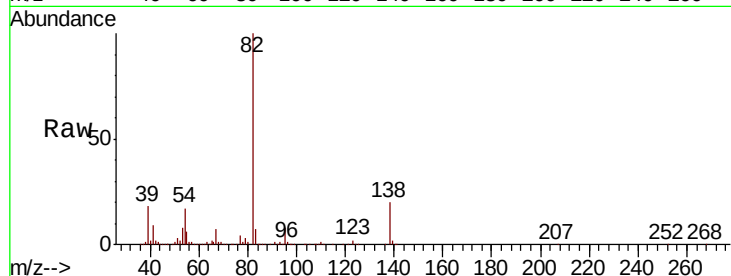
Instrument :

BNA_G

ClientSampled :

Tot Ion: 82 Resp: 1548167

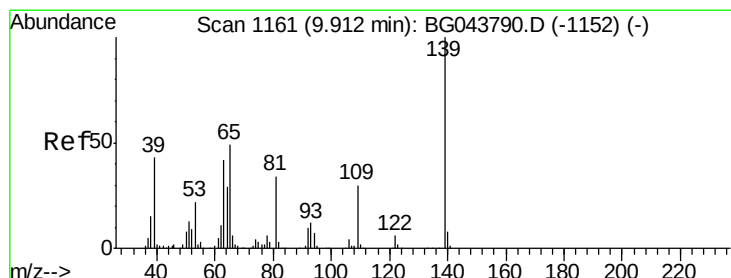
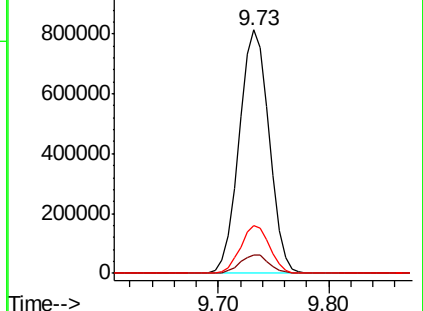
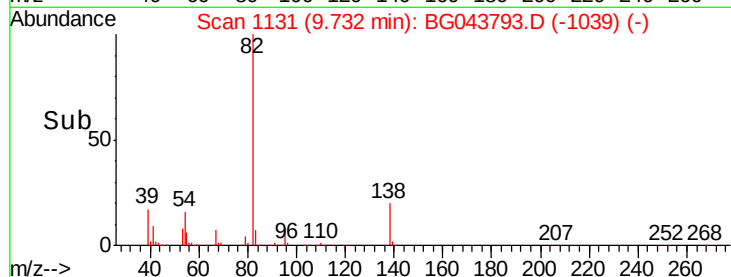
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.6	8.4
138	19.5	14.8	22.2



Abundance Ion 82.00 (81.70 to 82.70): BG043793.D (-1039) (-)

Ion 95.00 (94.70 to 95.70): BG043793.D (-1039) (-)

Ion 138.00 (137.70 to 138.70): BG043793.D (-1039) (-)



#26

2-Nitrophenol

Concen: 92.968 ng

RT: 9.91 min Scan# 1162

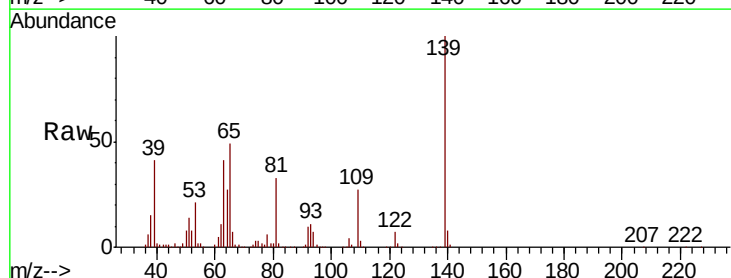
Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion: 139 Resp: 344795

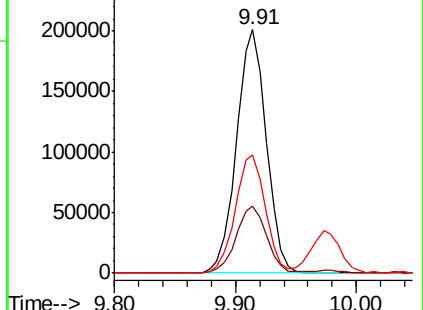
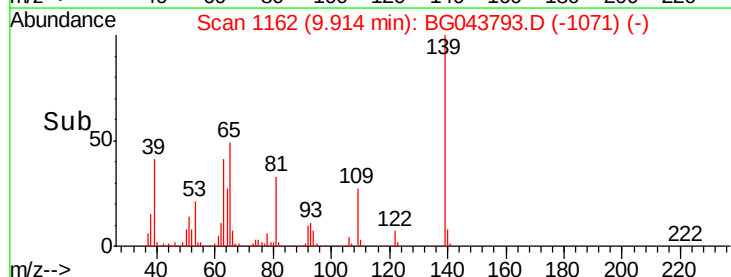
Ion	Ratio	Lower	Upper
139	100		
109	27.3	23.9	35.9
65	48.5	39.3	58.9

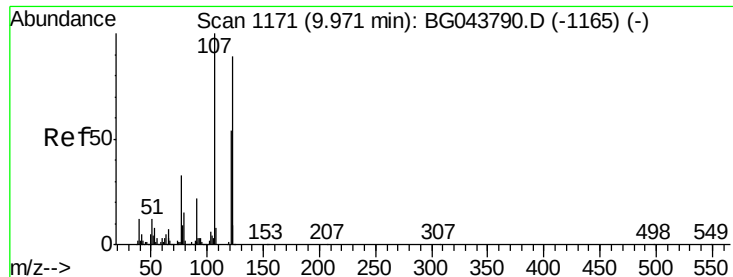


Abundance Ion 139.00 (138.70 to 139.70): BG043793.D (-1071) (-)

Ion 109.00 (108.70 to 109.70): BG043793.D (-1071) (-)

Ion 65.00 (64.70 to 65.70): BG043793.D (-1071) (-)





#27

2,4-Dimethylphenol

Concen: 77.956 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampled :

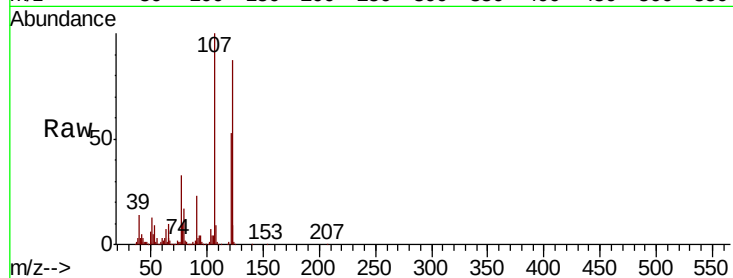
Tot Ion:122 Resp: 567704

Ion Ratio Lower Upper

122 100

107 114.6 90.0 135.0

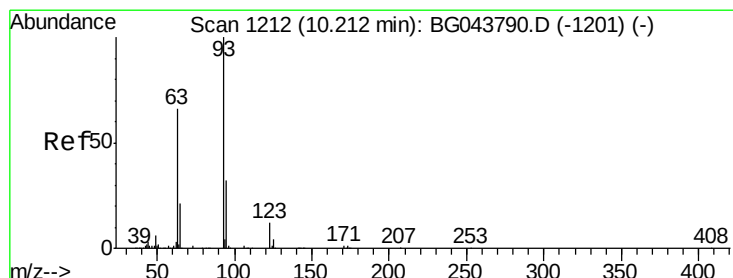
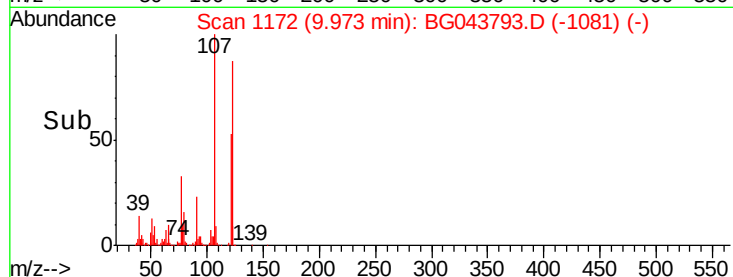
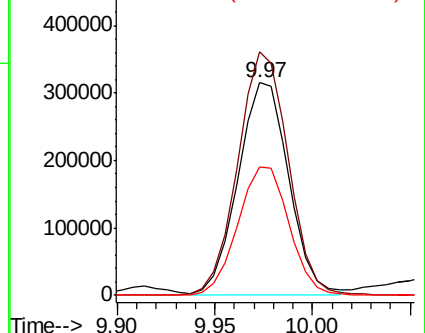
121 60.5 48.6 73.0



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: 73.534 ng

RT: 10.21 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

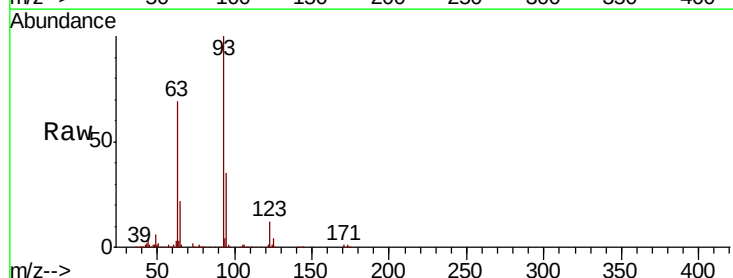
Tgt Ion: 93 Resp: 971865

Ion Ratio Lower Upper

93 100

95 35.0 25.7 38.5

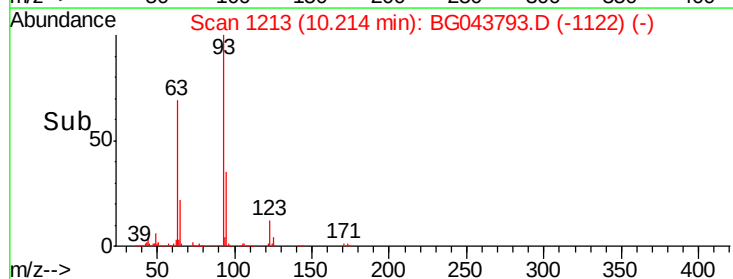
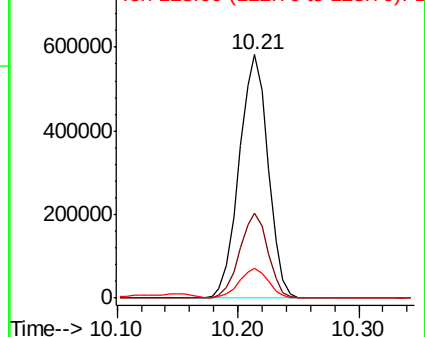
123 12.4 9.5 14.3

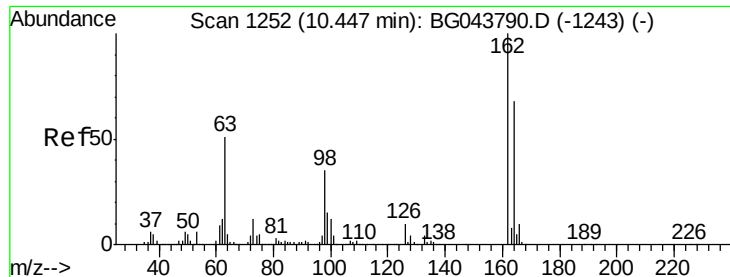


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

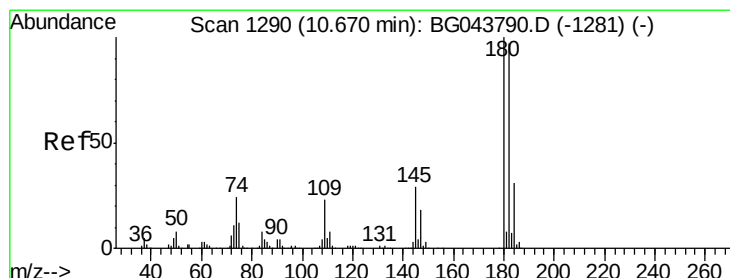
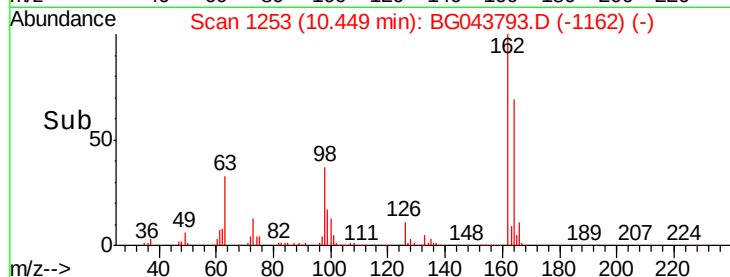
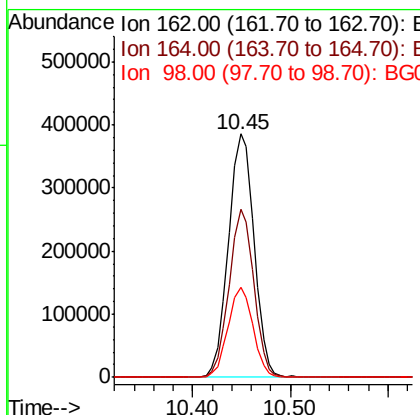
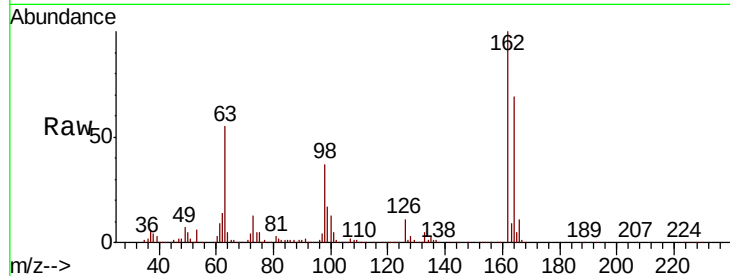




#29
 2,4-Dichlorophenol
 Concen: 79.560 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

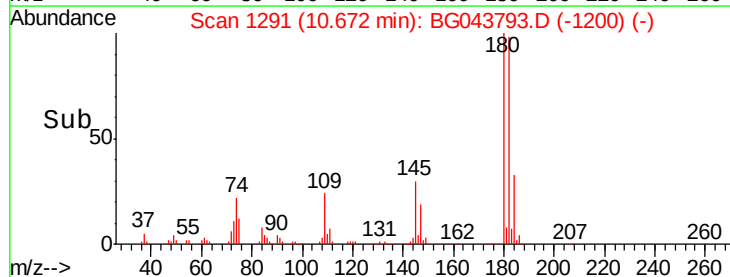
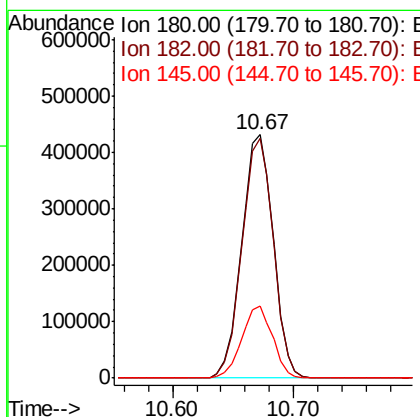
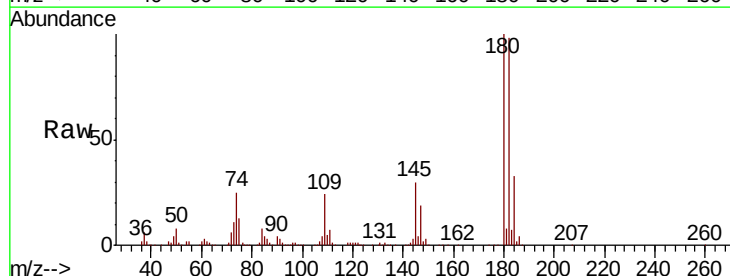
Instrument :
 BNA_G
 ClientSampled :

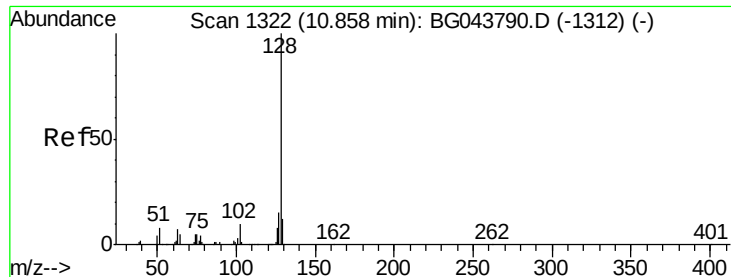
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.2	48.0	88.0
98	37.2	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 75.687 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.8	116.8
145	29.7	23.0	34.6

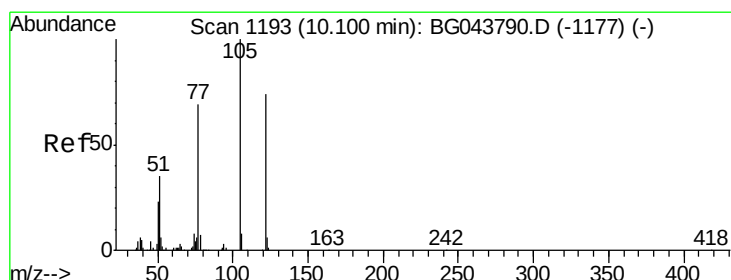
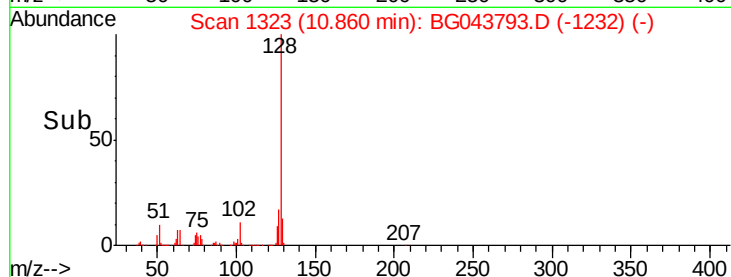
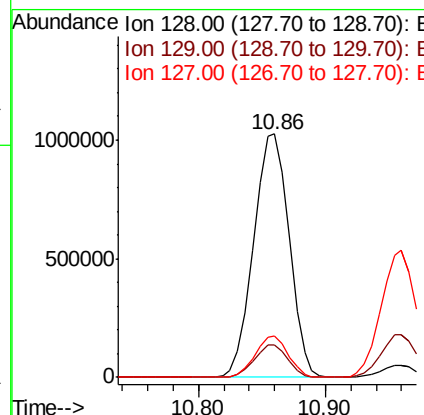
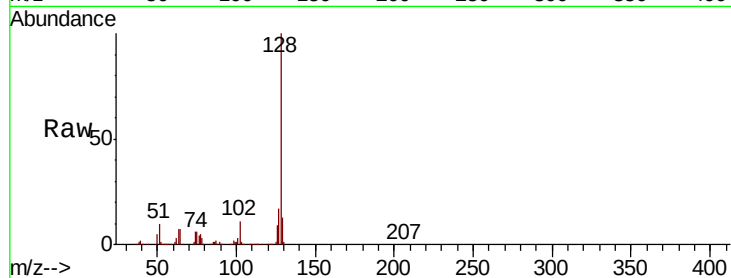




#31
Naphthalene
Concen: 73.499 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

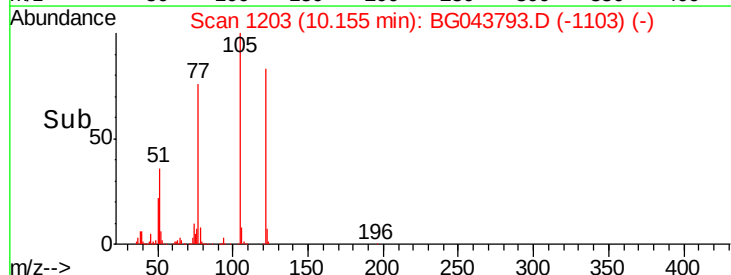
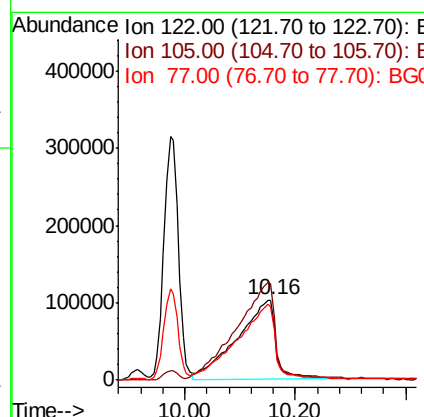
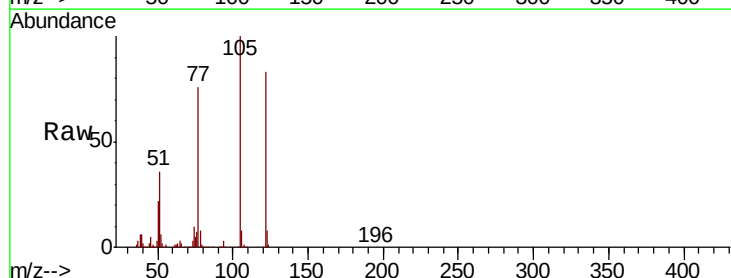
Instrument :
BNA_G
ClientSampled :

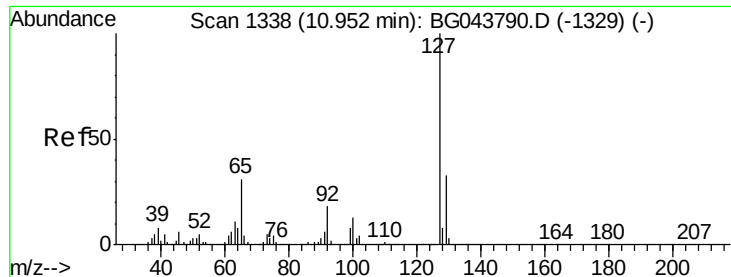
Tot Ion:128 Resp: 2004781
Ion Ratio Lower Upper
128 100
129 13.1 9.8 14.6
127 16.8 11.9 17.9



#32
Benzoic acid
Concen: 93.567 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.05 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:122 Resp: 491381
Ion Ratio Lower Upper
122 100
105 119.9 107.5 147.5
77 91.3 71.7 111.7

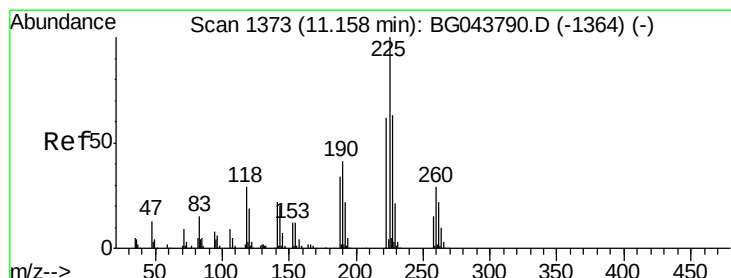
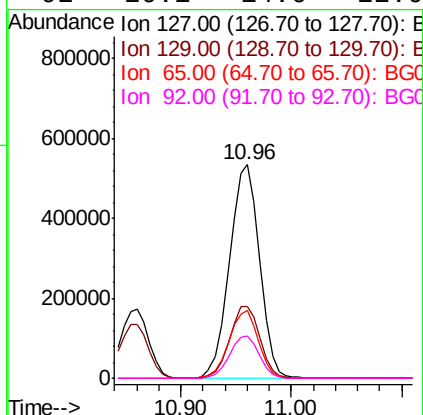
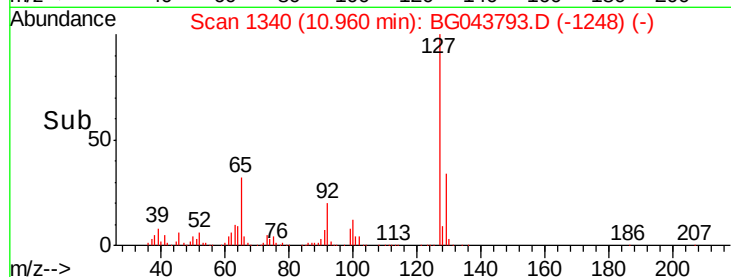
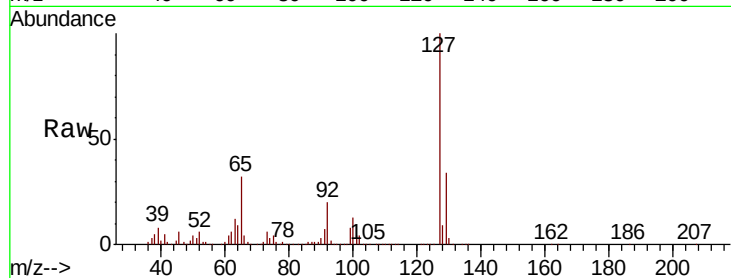




#33
4-Chloroaniline
Concen: 77.417 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

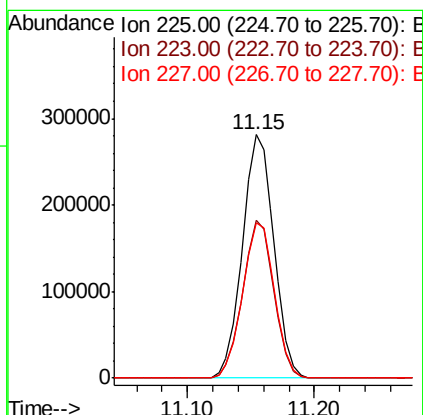
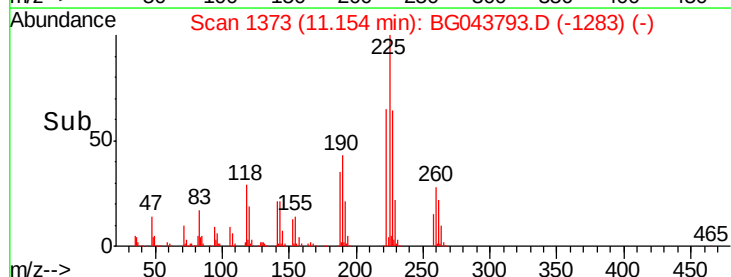
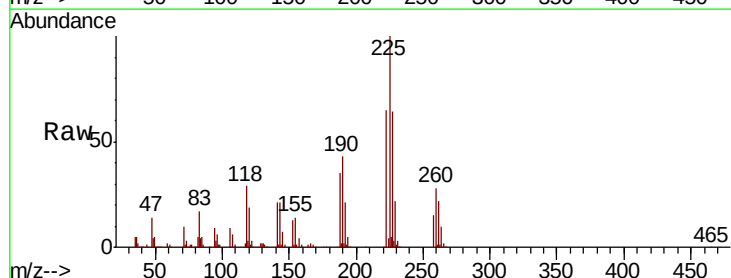
Instrument :
BNA_G
ClientSampleId :

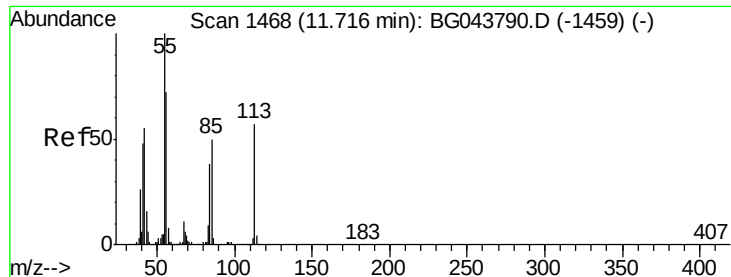
Tot Ion:127 Resp: 1017370
Ion Ratio Lower Upper
127 100
129 33.6 26.1 39.1
65 31.9 24.4 36.6
92 20.1 14.6 22.0



#34
Hexachlorobutadiene
Concen: 70.784 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:225 Resp: 482883
Ion Ratio Lower Upper
225 100
223 64.8 49.3 73.9
227 64.0 50.2 75.2





#35

Caprolactam

Concen: 76.992 ng

RT: 11.75 min Scan# 1474

Delta R.T. 0.03 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

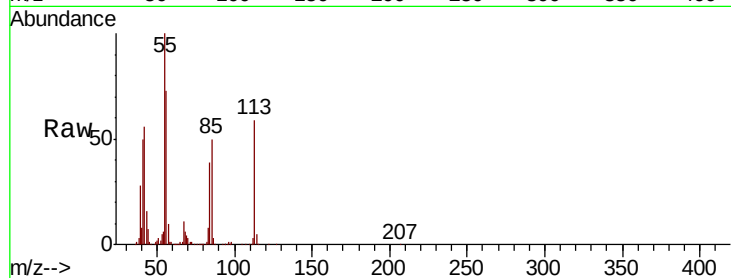
Tot Ion:113 Resp: 277161

Ion Ratio Lower Upper

113 100

55 170.8 154.2 194.2

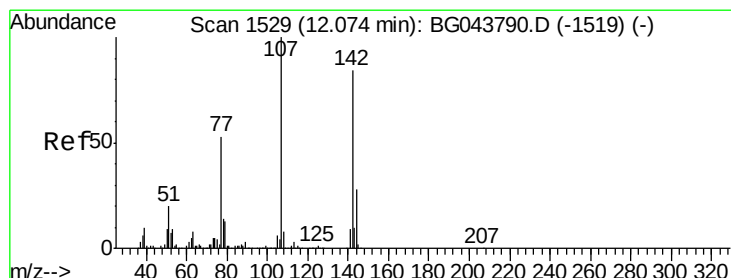
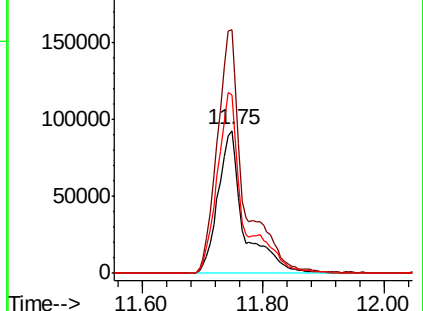
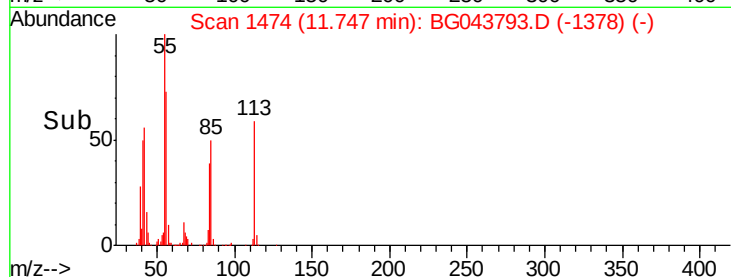
56 125.4 105.6 145.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 74.855 ng

RT: 12.08 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

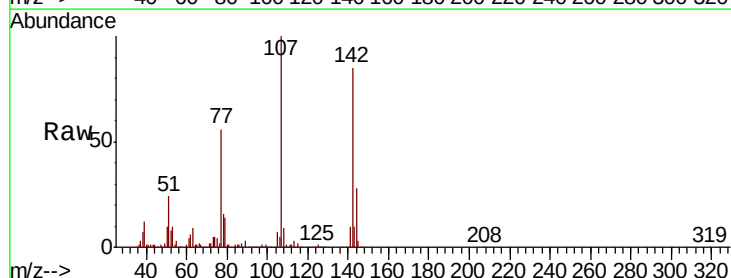
Tgt Ion:107 Resp: 744747

Ion Ratio Lower Upper

107 100

144 28.4 22.2 33.4

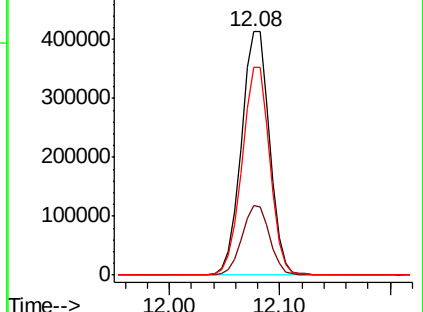
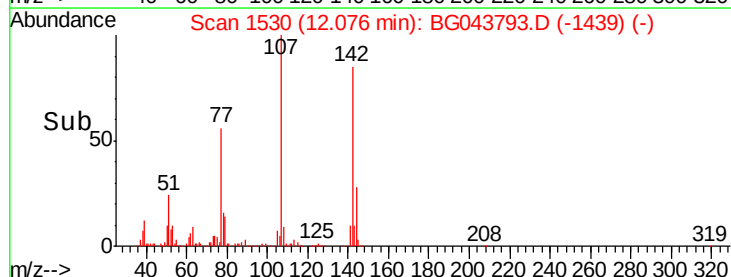
142 85.4 67.0 100.6

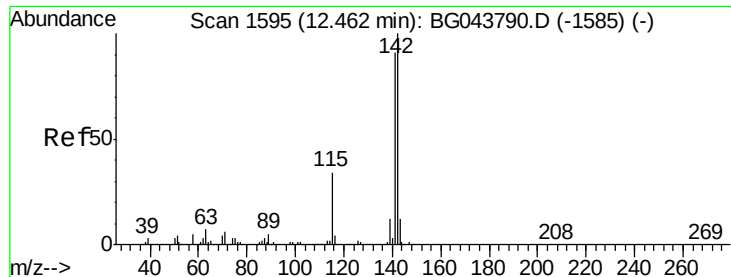


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

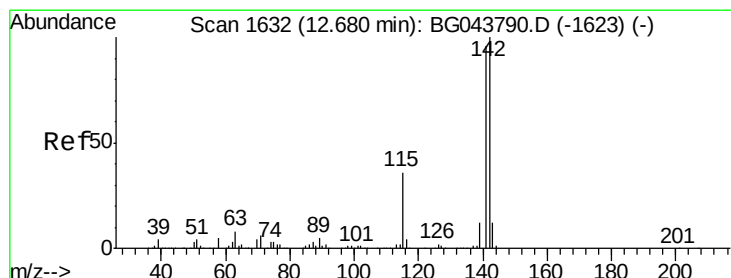
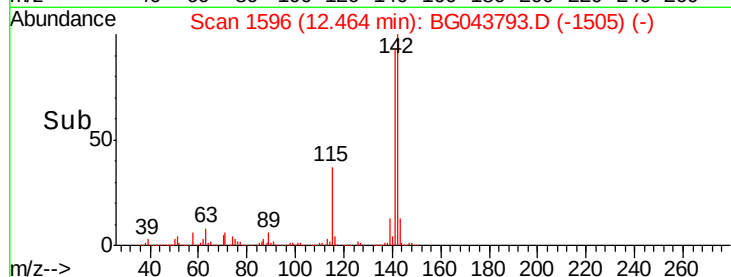
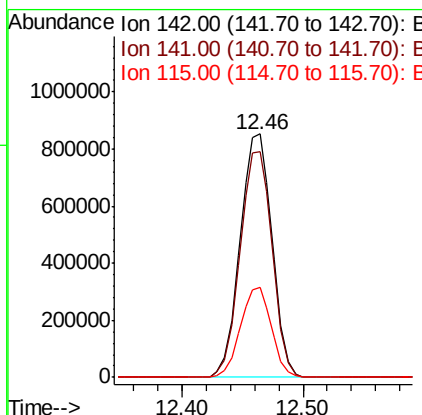
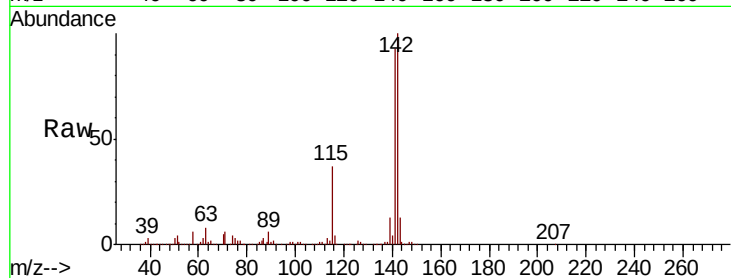




#37
2-Methylnaphthalene
Concen: 76.296 ng
RT: 12.46 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

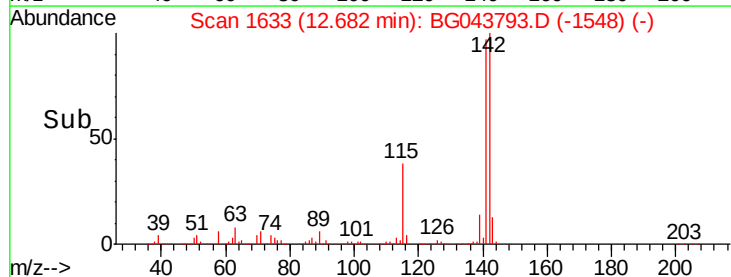
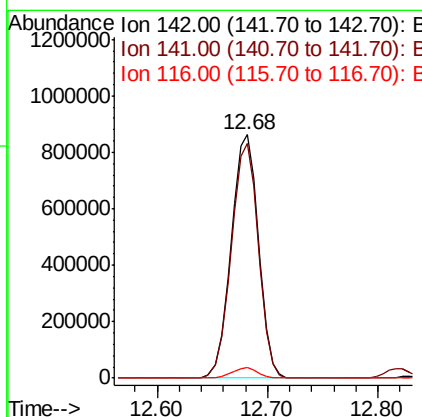
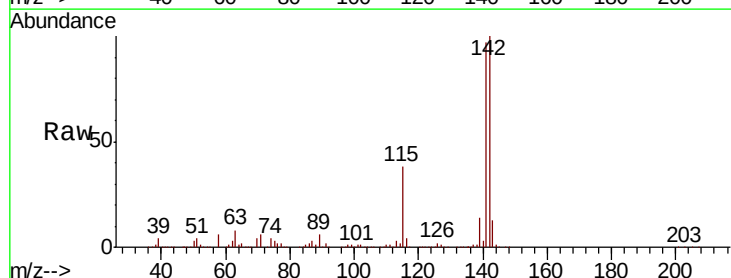
Instrument :
BNA_G
ClientSampleId :

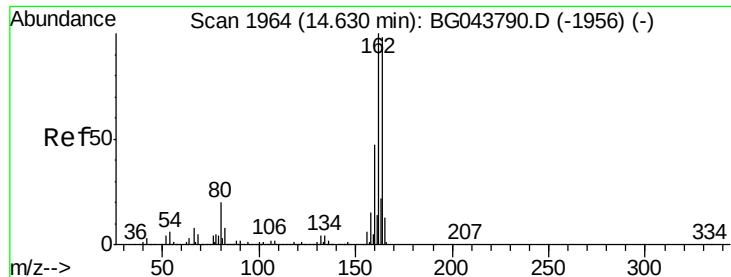
Tot Ion:142 Resp: 1568273
Ion Ratio Lower Upper
142 100
141 92.9 73.2 109.8
115 36.7 27.3 40.9



#38
1-Methylnaphthalene
Concen: 76.537 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:142 Resp: 1493083
Ion Ratio Lower Upper
142 100
141 96.6 76.9 115.3
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

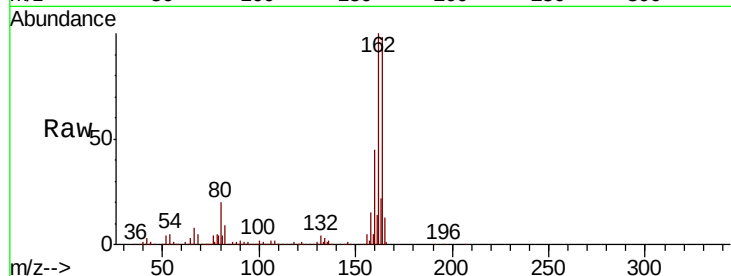
Tot Ion:164 Resp: 383934

Ion Ratio Lower Upper

164 100

162 101.9 81.9 122.9

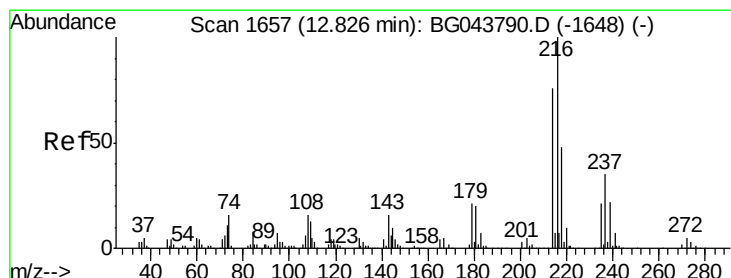
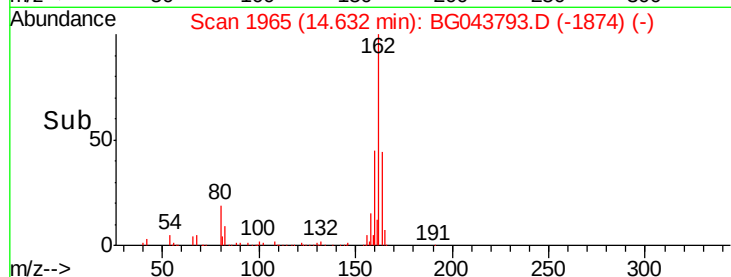
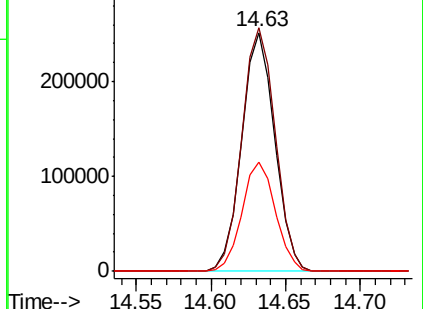
160 45.8 38.3 57.5



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: 73.627 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:216 Resp: 899469

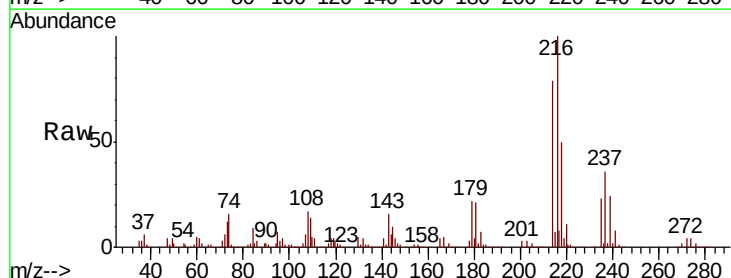
Ion Ratio Lower Upper

216 100

214 78.6 62.2 93.4

179 21.7 16.6 25.0

108 16.7 13.7 20.5

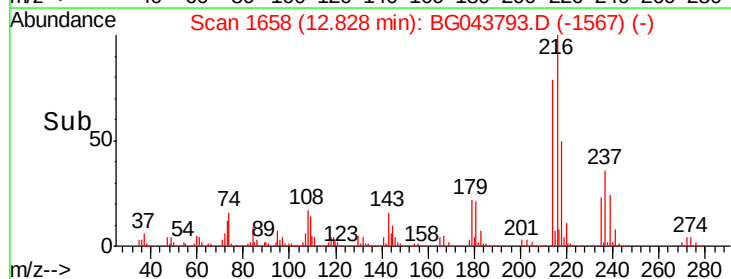
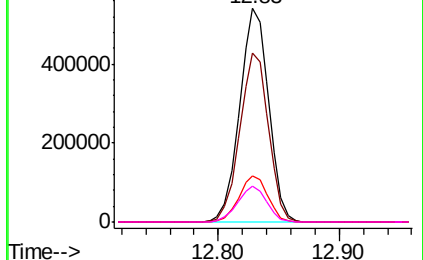


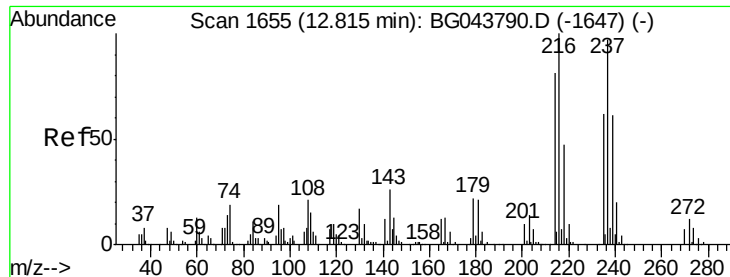
Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.661 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

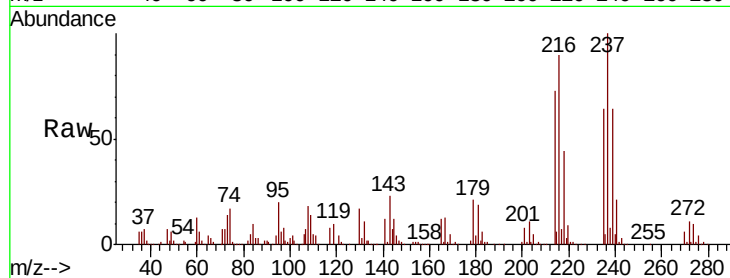
Tot Ion:237 Resp: 459790

Ion Ratio Lower Upper

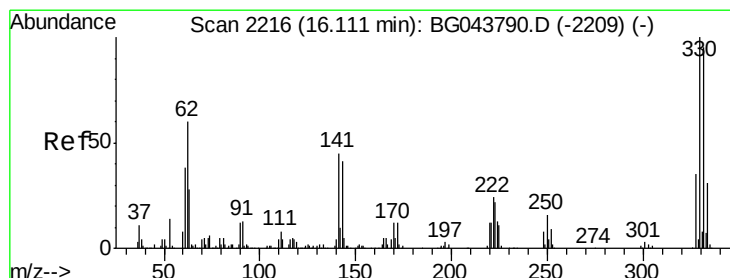
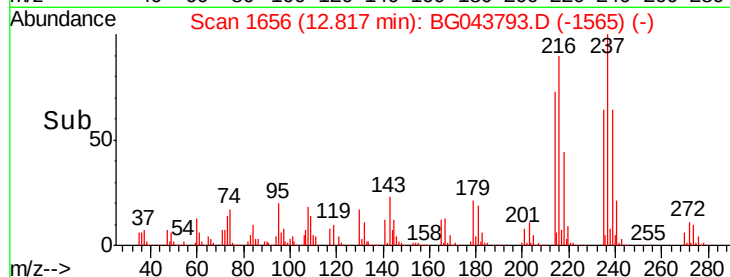
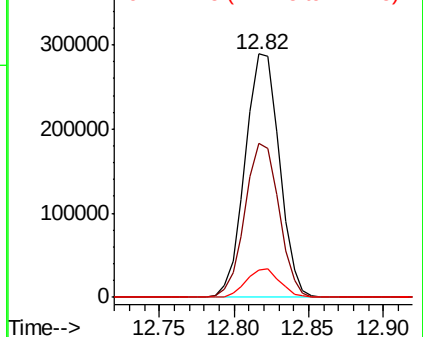
237 100

235 63.5 43.9 83.9

272 11.4 0.0 32.0



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: 130.427 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

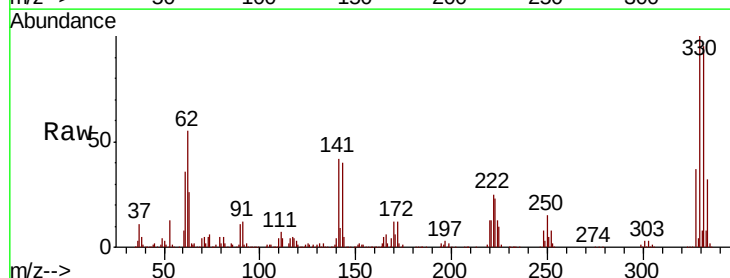
Tgt Ion:330 Resp: 603984

Ion Ratio Lower Upper

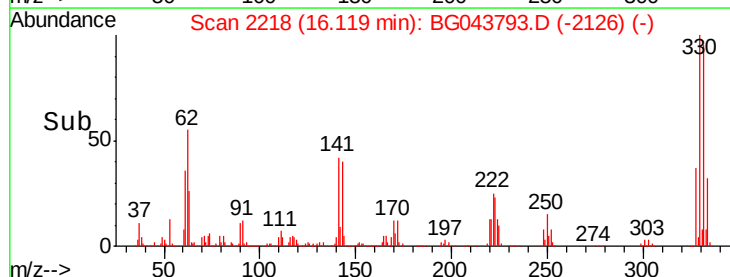
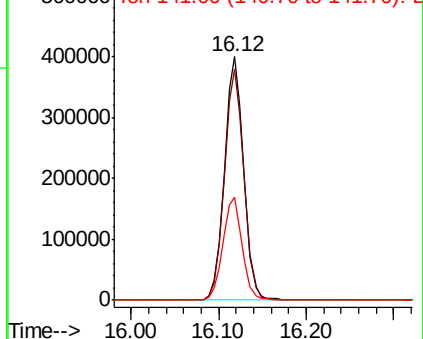
330 100

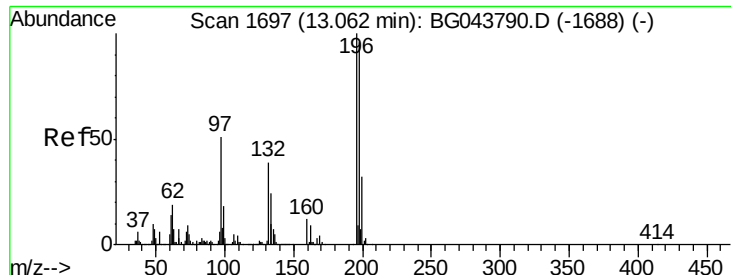
332 95.8 76.9 115.3

141 42.4 33.8 50.8



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

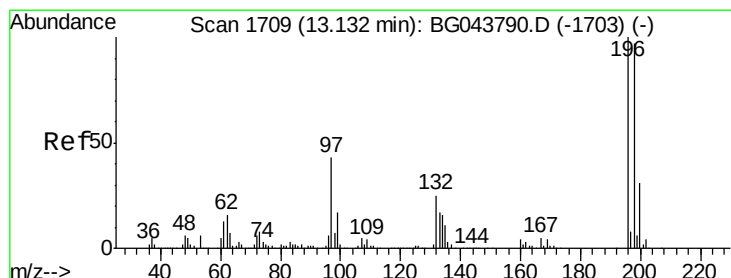
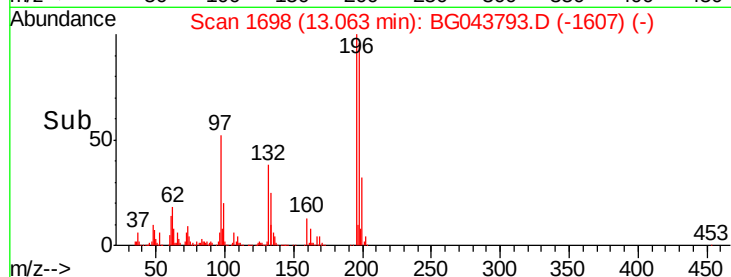
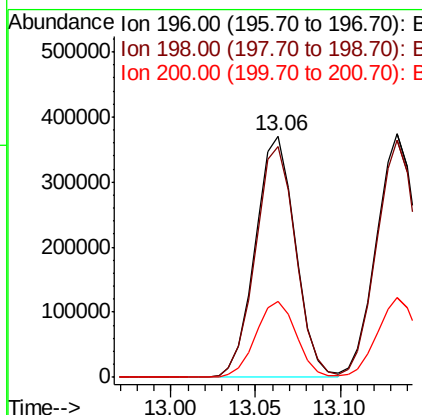
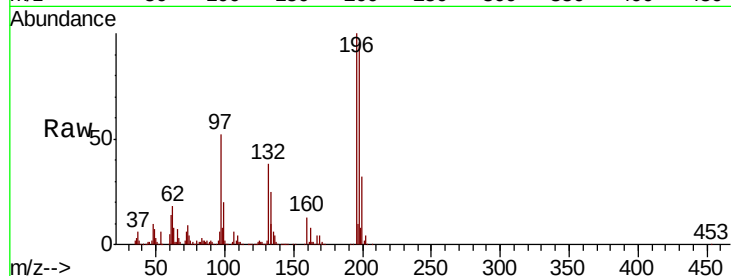




#43
 2,4,6-Trichlorophenol
 Concen: 77.721 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

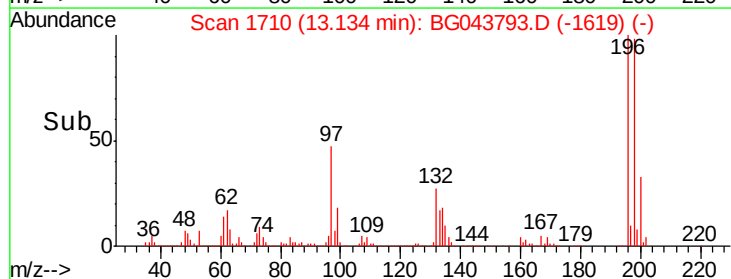
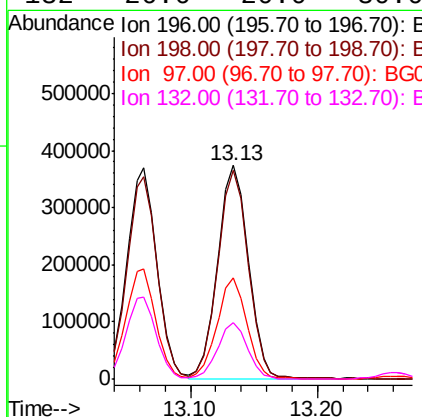
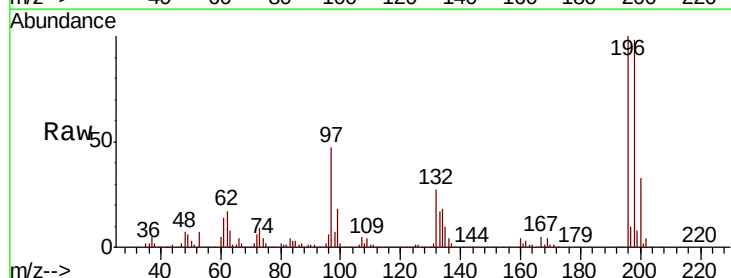
Instrument :
 BNA_G
 ClientSampled :

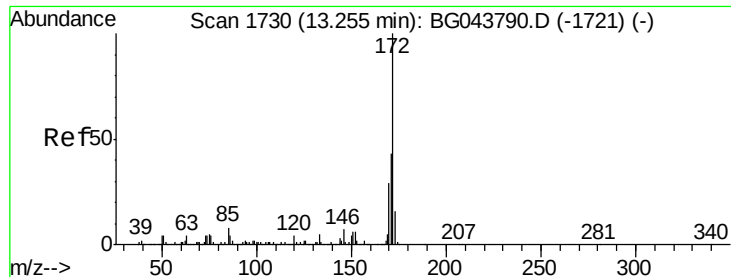
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.0	115.6
200	31.7	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 77.095 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	77.4	116.0
97	47.4	34.7	52.1
132	26.6	20.0	30.0

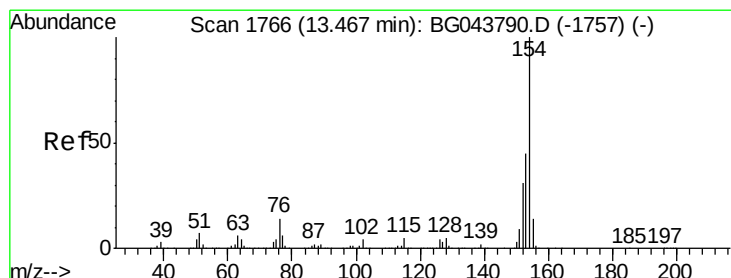
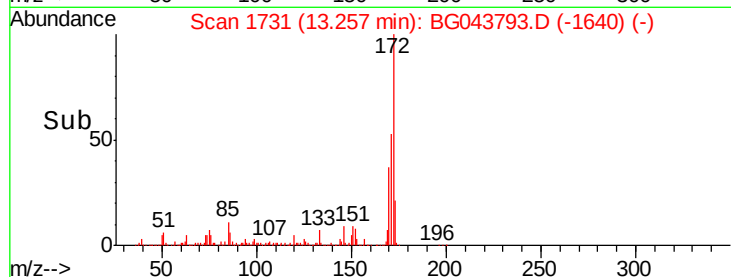
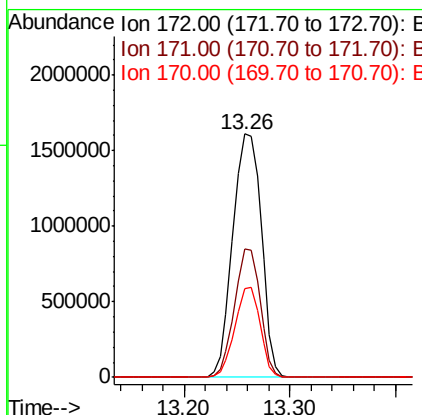
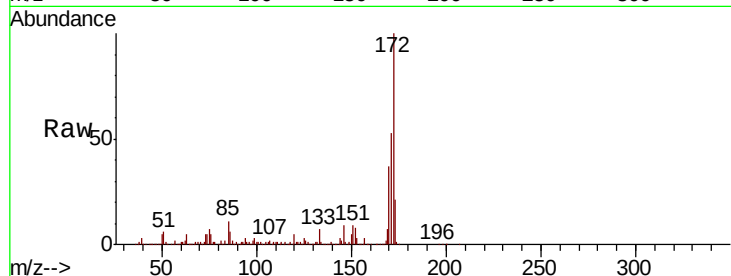




#45
2-Fluorobiphenyl
Concen: 128.650 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

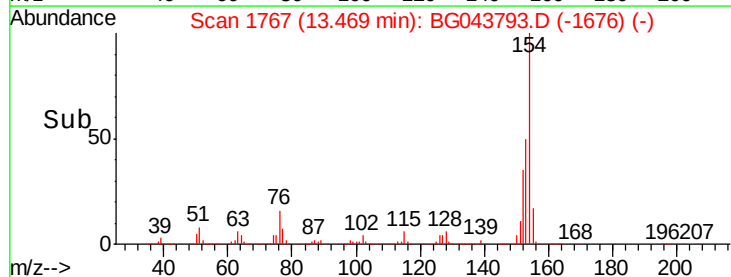
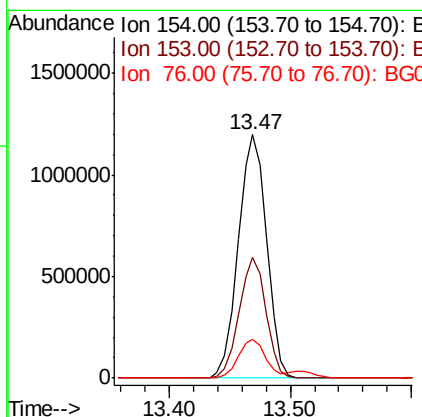
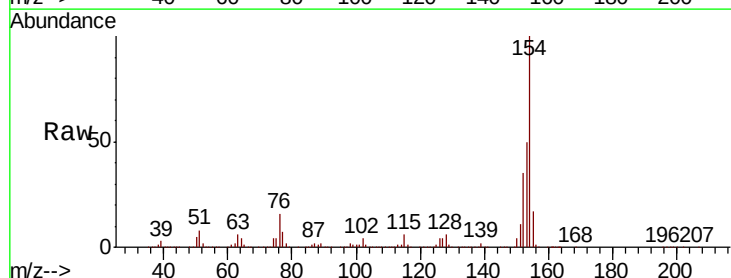
Instrument :
BNA_G
ClientSampleId :

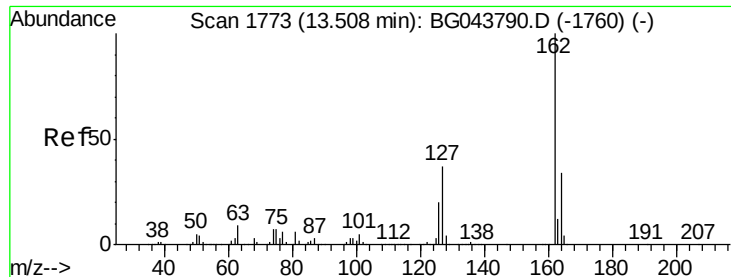
Tot Ion:172 Resp: 3004841
Ion Ratio Lower Upper
172 100
171 52.8 34.6 51.8#
170 36.7 23.3 34.9#



#46
1,1'-Biphenyl
Concen: 73.355 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:154 Resp: 1952196
Ion Ratio Lower Upper
154 100
153 49.8 24.5 64.5
76 16.1 0.0 33.9

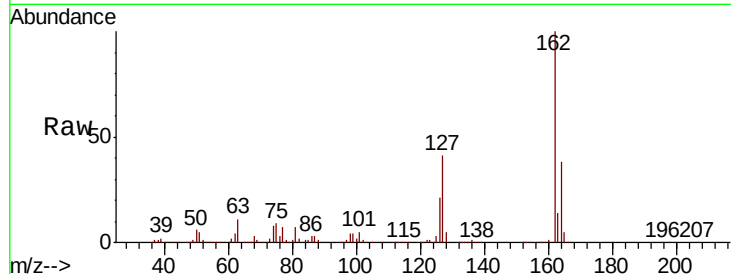




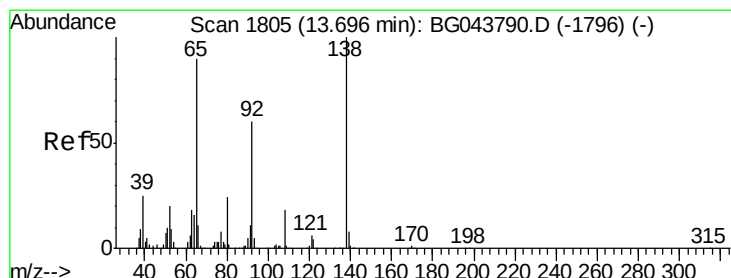
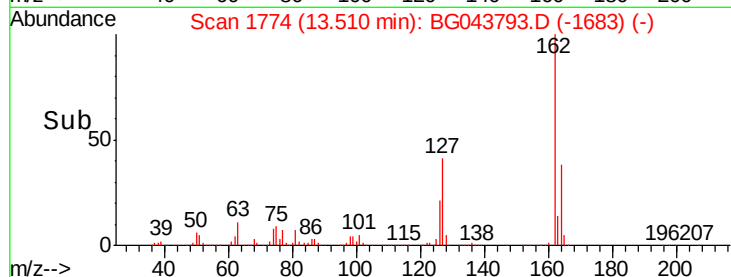
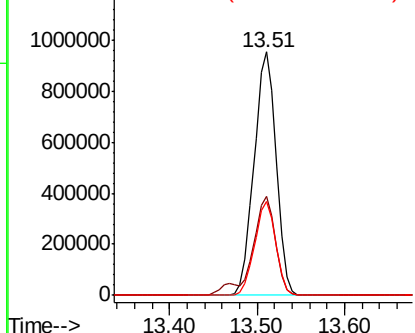
#47
2-Chloronaphthalene
Concen: 75.098 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 1629843
Ion Ratio Lower Upper
162 100
127 40.5 30.0 45.0
164 38.5 27.6 41.4

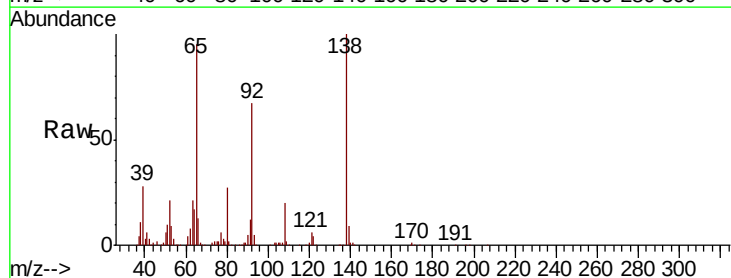


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

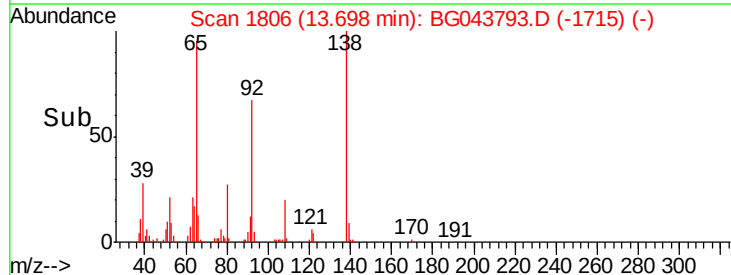
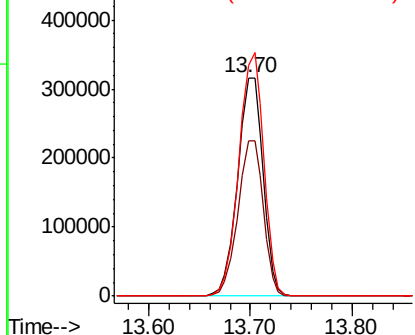


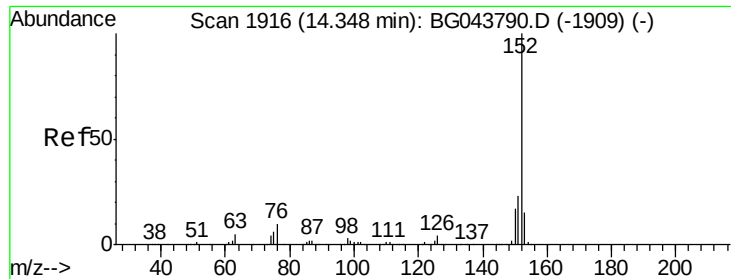
#48
2-Nitroaniline
Concen: 86.907 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion: 65 Resp: 552184
Ion Ratio Lower Upper
65 100
92 71.1 53.7 80.5
138 105.7 88.8 133.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 68.967 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

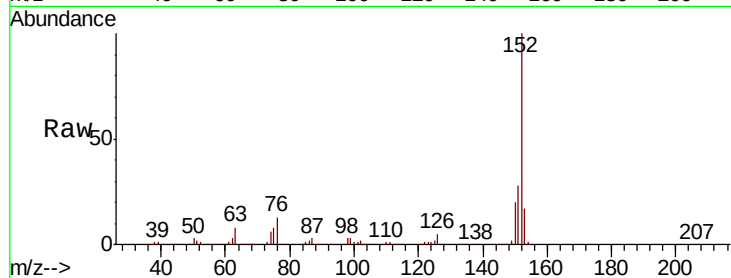
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 2354927

Ion	Ratio	Lower	Upper
152	100		
151	27.7	18.5	27.7
153	17.5	11.8	17.8

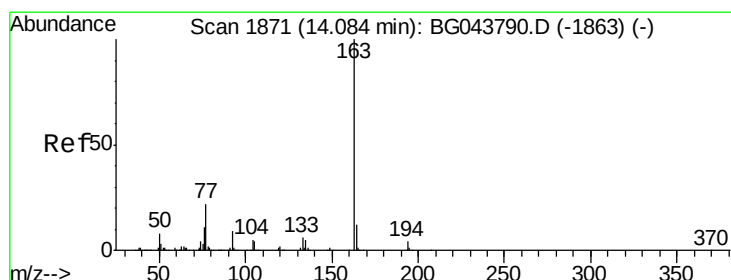
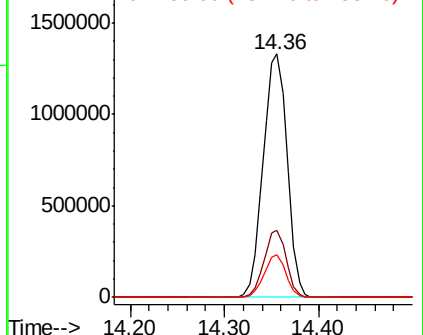
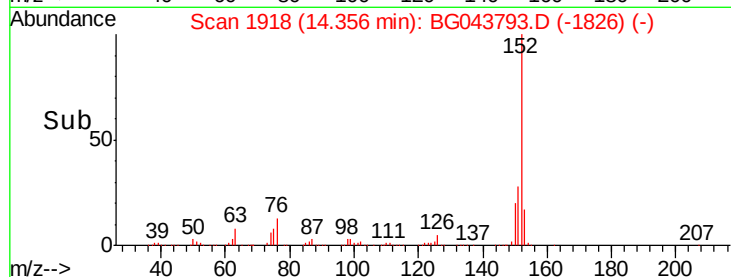


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 66.411 ng

RT: 14.09 min Scan# 1873

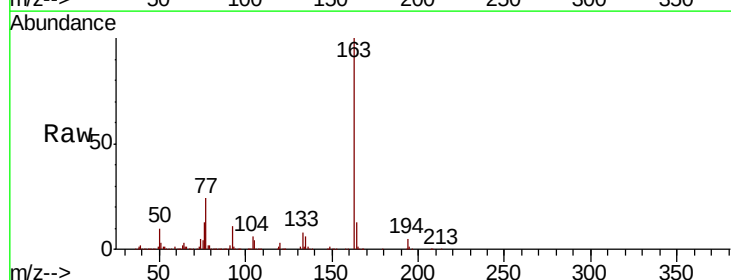
Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:163 Resp: 2019802

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.6	5.4
164	13.4	9.4	14.0

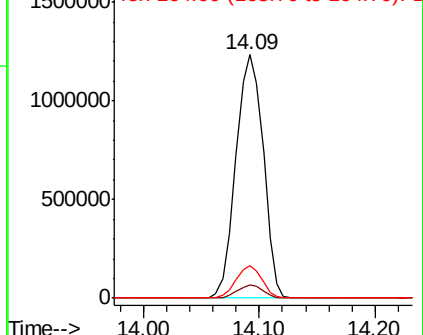
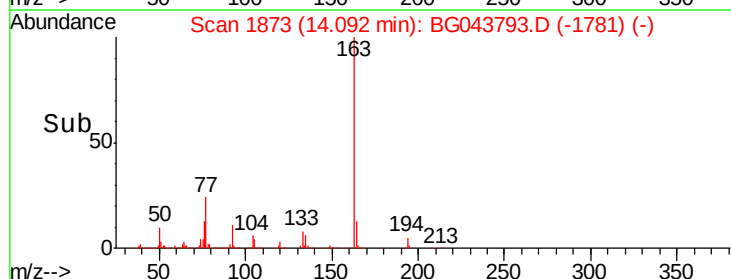


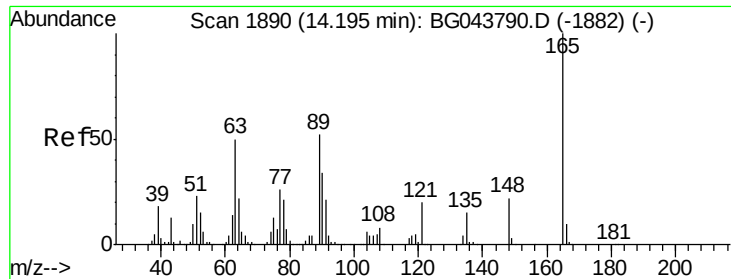
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 87.580 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

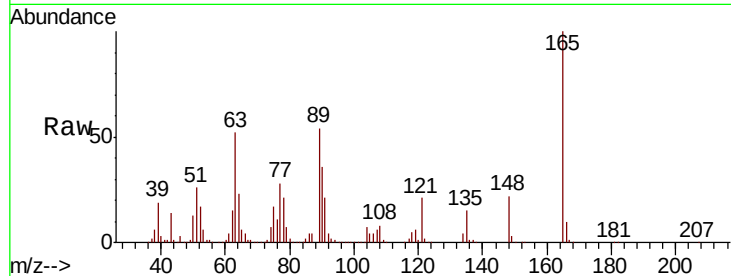
Tot Ion:165 Resp: 494655

Ion Ratio Lower Upper

165 100

63 52.3 40.3 60.5

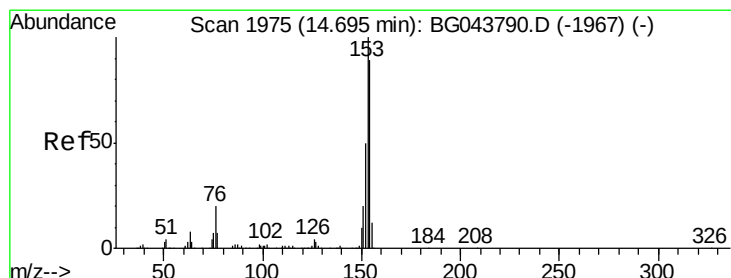
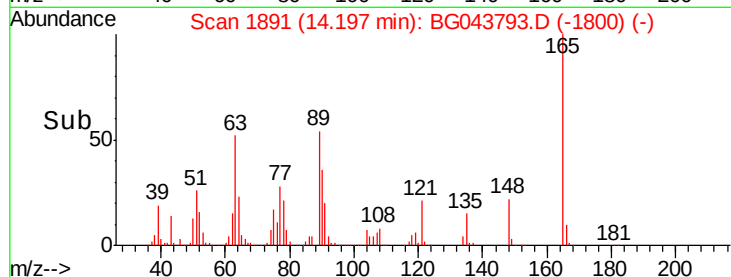
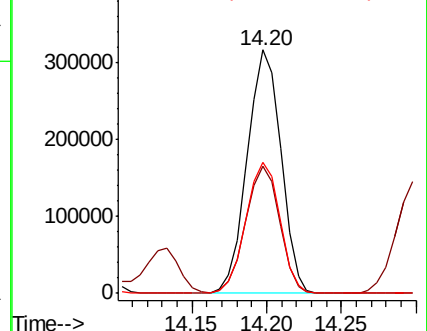
89 53.6 41.8 62.8



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: 74.890 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

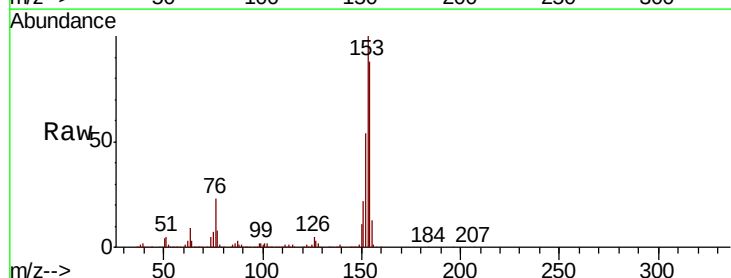
Tgt Ion:154 Resp: 1635313

Ion Ratio Lower Upper

154 100

153 113.5 89.5 134.3

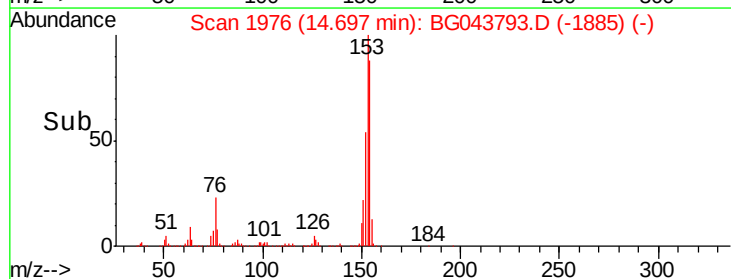
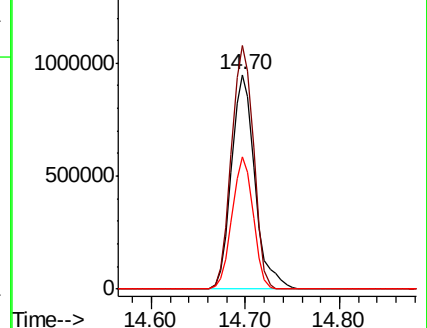
152 61.5 45.0 67.4

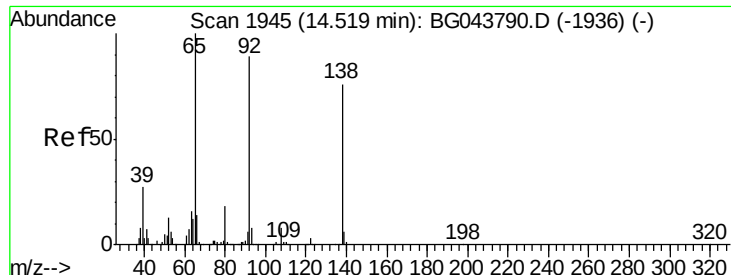


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

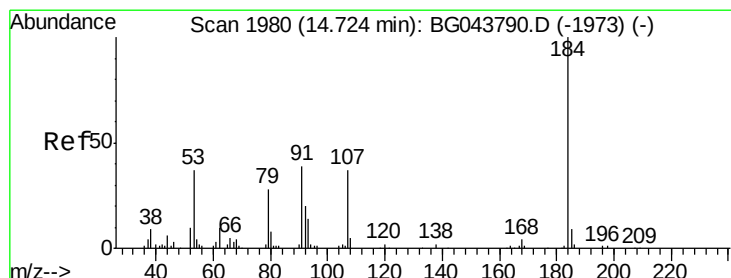
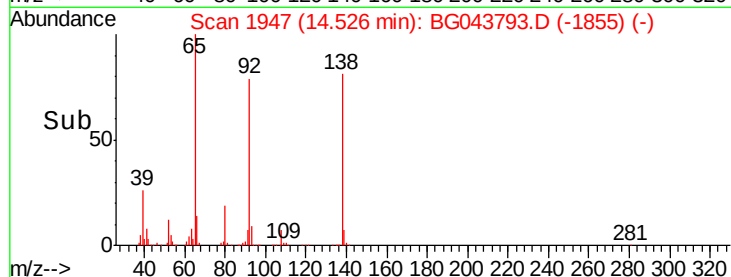
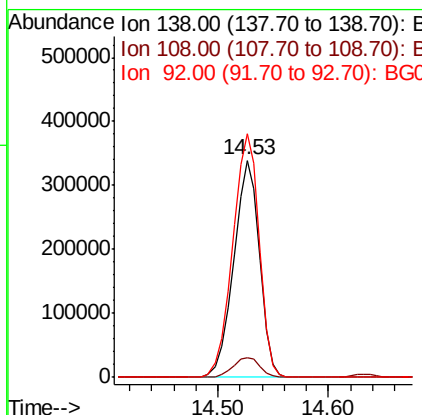
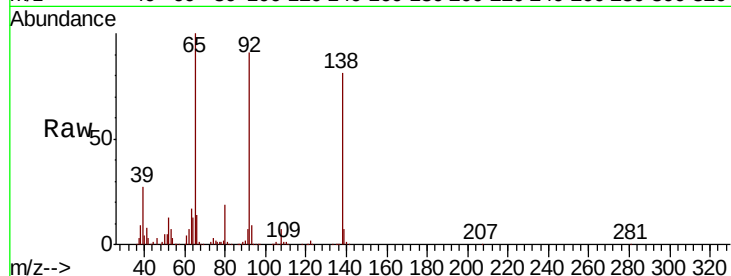




#53
3-Nitroaniline
Concen: 84.170 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

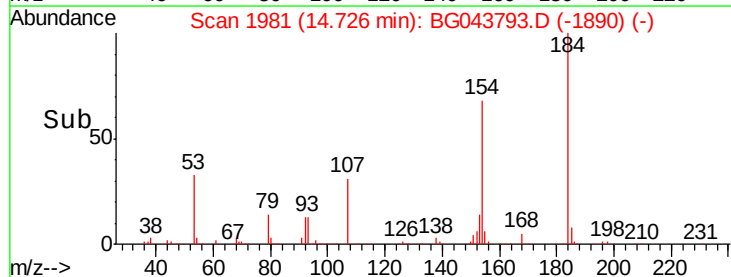
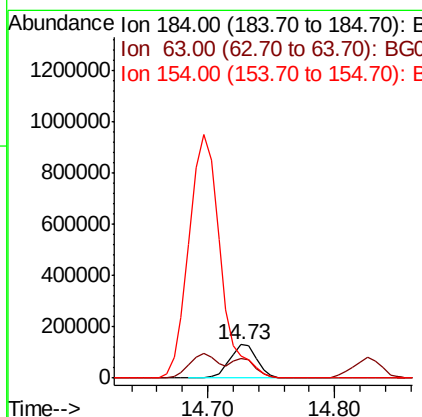
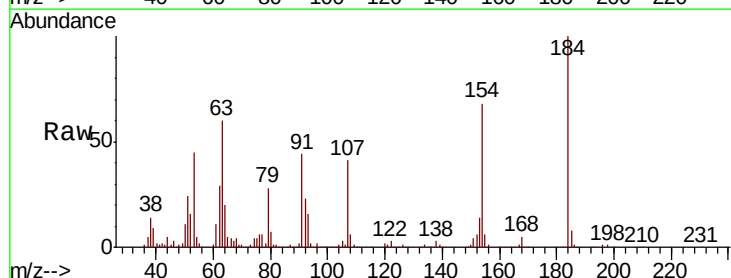
Instrument :
BNA_G
ClientSampled :

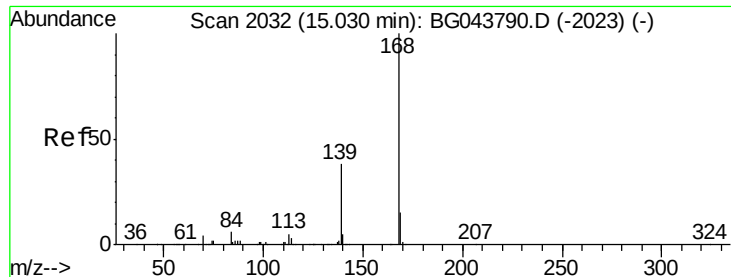
Tot Ion:138 Resp: 555275
Ion Ratio Lower Upper
138 100
108 9.2 8.1 12.1
92 112.2 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 85.888 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:184 Resp: 198195
Ion Ratio Lower Upper
184 100
63 60.2 43.4 65.0
154 67.7 54.8 82.2

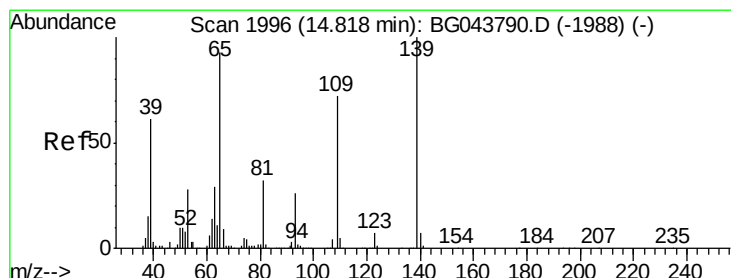
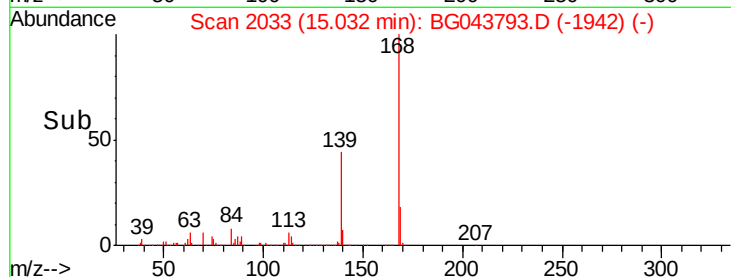
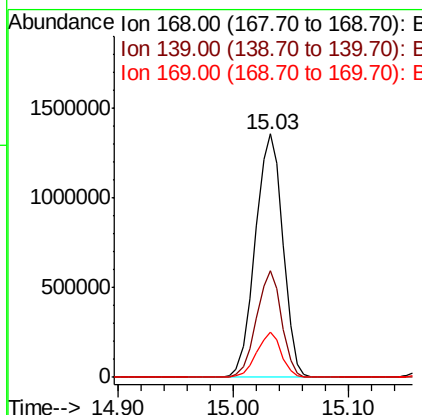
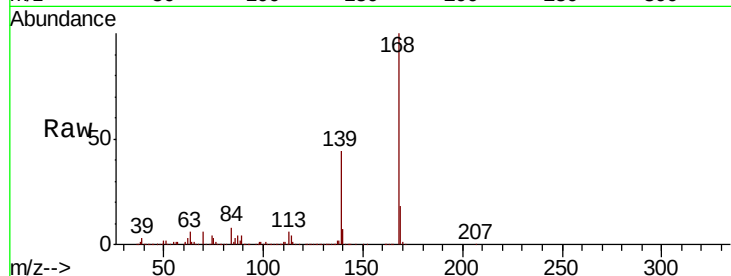




#55
Dibenzofuran
Concen: 66.301 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

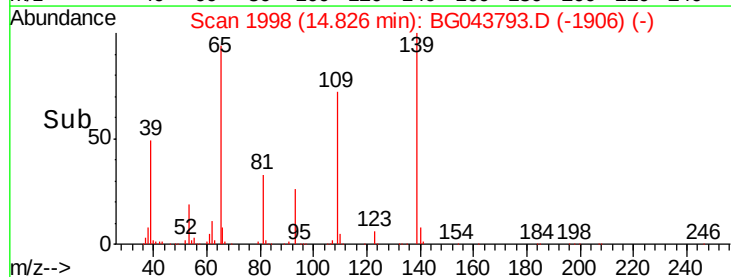
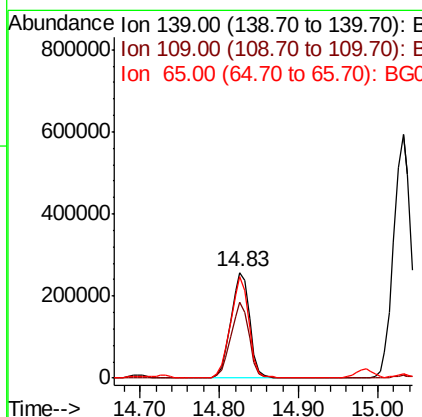
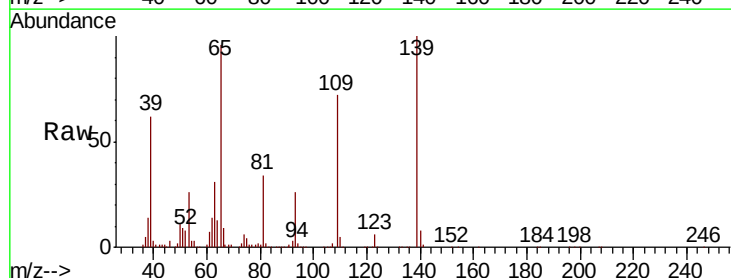
Instrument :
BNA_G
ClientSampleId :

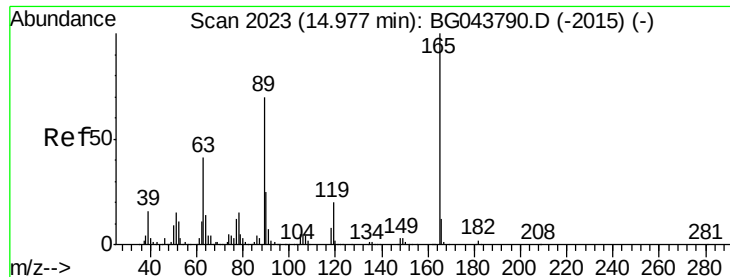
Tot Ion:168 Resp: 2255429
Ion Ratio Lower Upper
168 100
139 43.7 30.4 45.6
169 18.5 12.0 18.0#



#56
4-Nitrophenol
Concen: 76.312 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:139 Resp: 424052
Ion Ratio Lower Upper
139 100
109 71.6 51.5 91.5
65 95.7 73.7 113.7

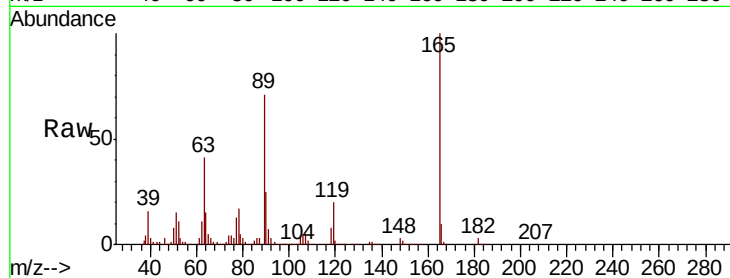




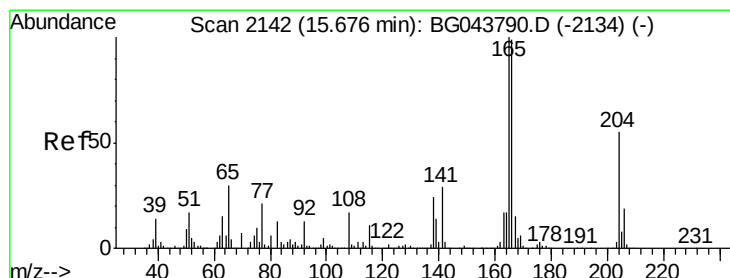
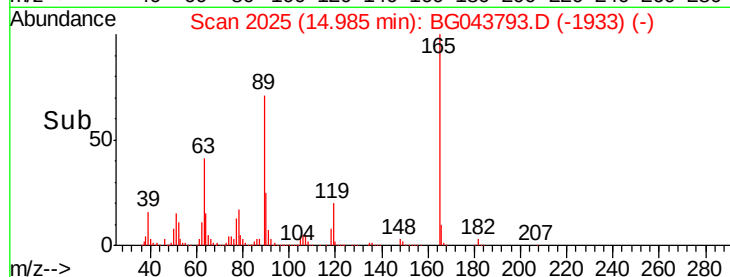
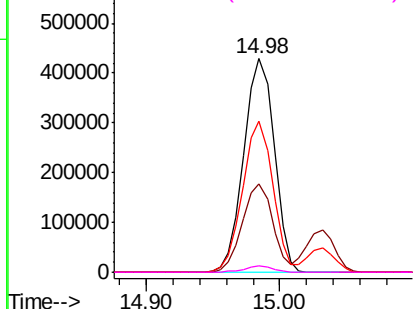
#57
2,4-Dinitrotoluene
Concen: 86.501 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 677549
Ion Ratio Lower Upper
165 100
63 41.3 32.7 49.1
89 70.7 56.1 84.1
182 3.0 2.0 3.0

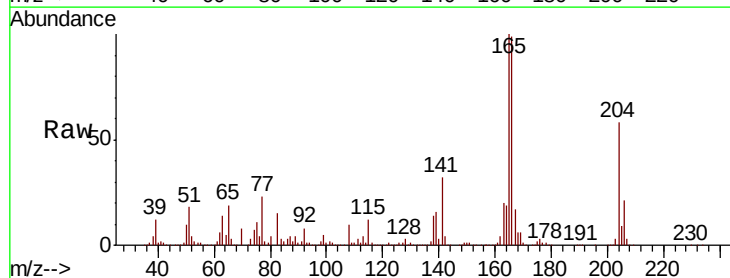


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

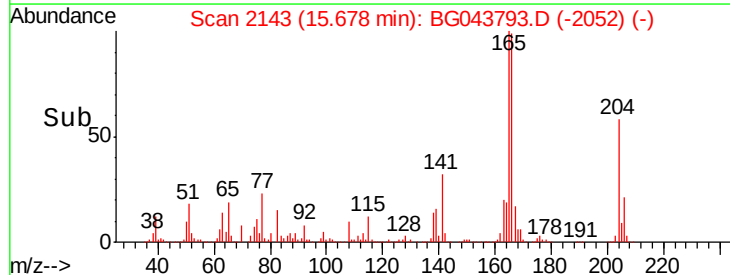
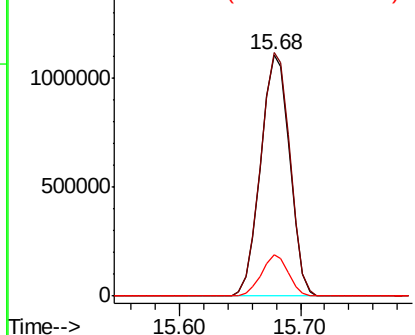


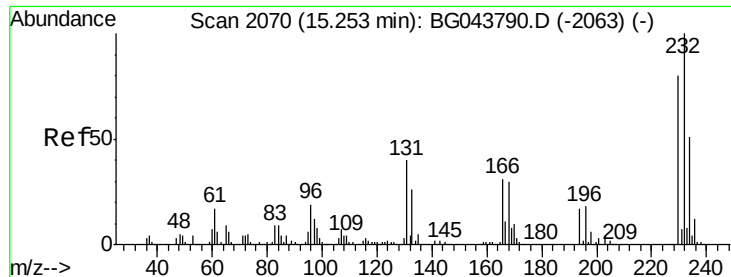
#58
Fluorene
Concen: 65.997 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:166 Resp: 1841142
Ion Ratio Lower Upper
166 100
165 100.9 80.5 120.7
167 16.9 12.1 18.1



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

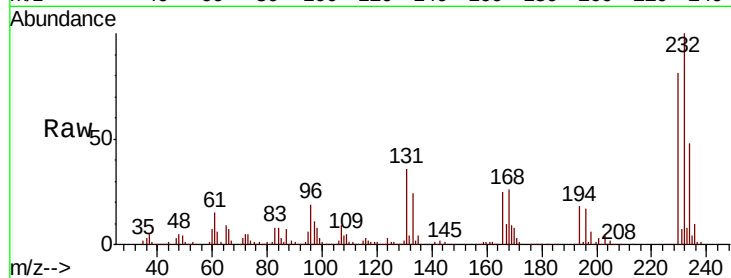




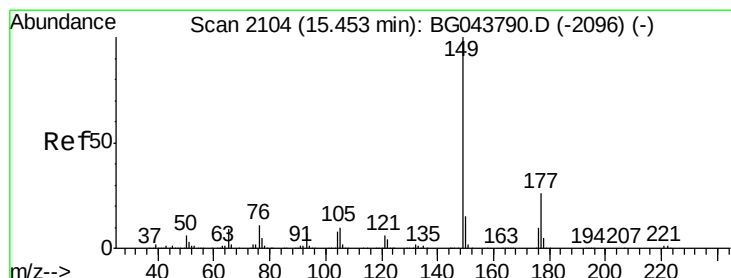
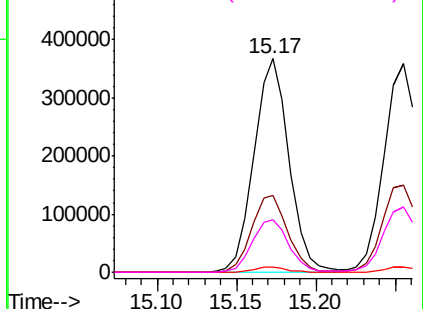
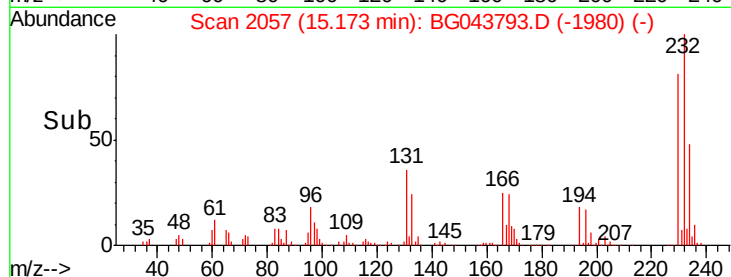
#59
2,3,4,6-Tetrachlorophenol
Concen: 68.702 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.08 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 564030
Ion Ratio Lower Upper
232 100
131 37.0 27.9 41.9
130 2.4 1.8 2.8
166 25.7 19.4 29.2

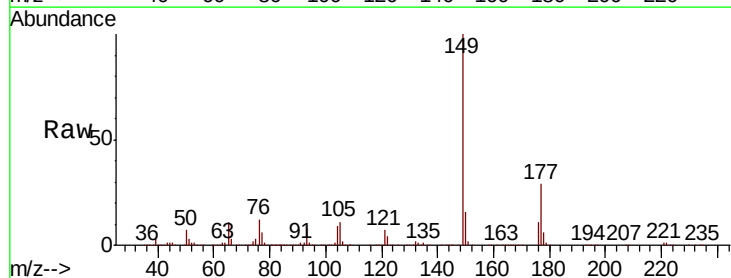


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

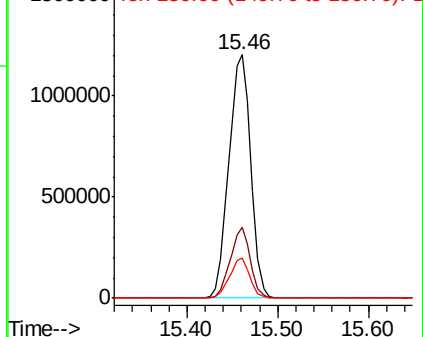
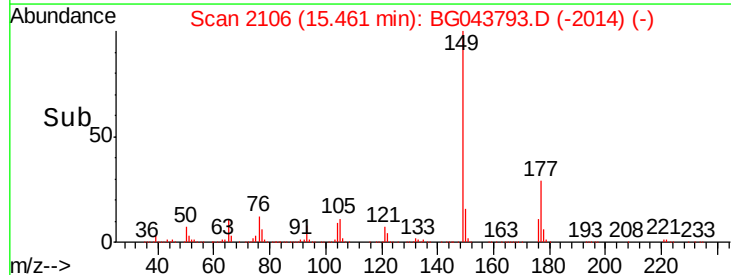


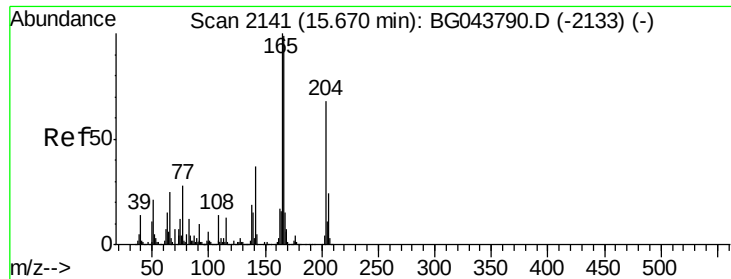
#60
Diethylphthalate
Concen: 63.032 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:149 Resp: 2012844
Ion Ratio Lower Upper
149 100
177 28.8 20.4 30.6
150 16.2 11.6 17.4



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

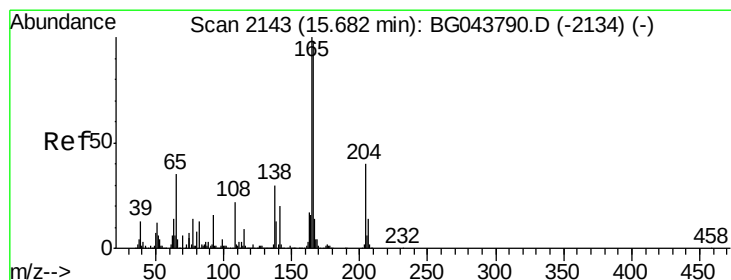
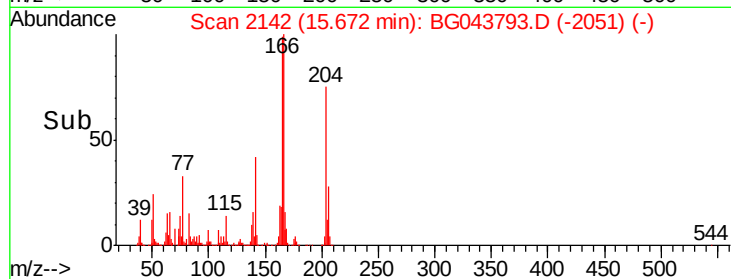
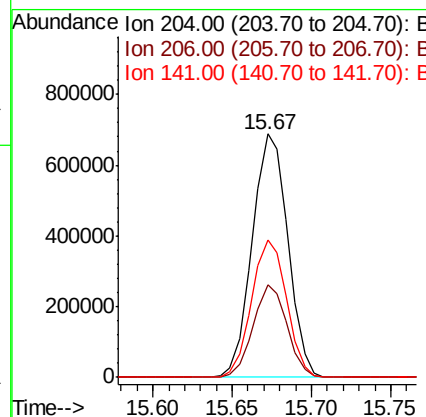
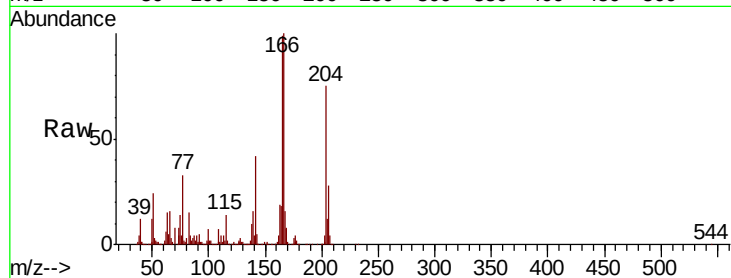




#61
4-Chlorophenyl-phenylether
Concen: 70.123 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

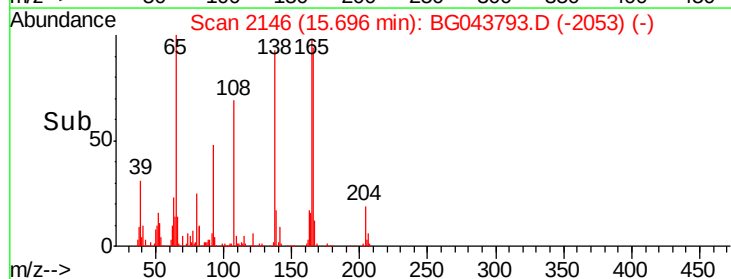
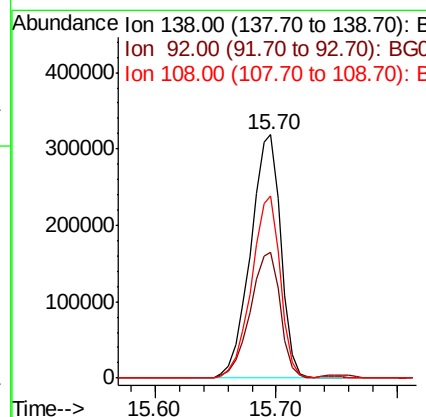
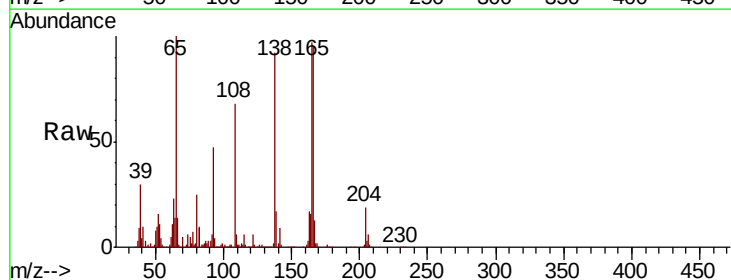
Instrument :
BNA_G
ClientSampled :

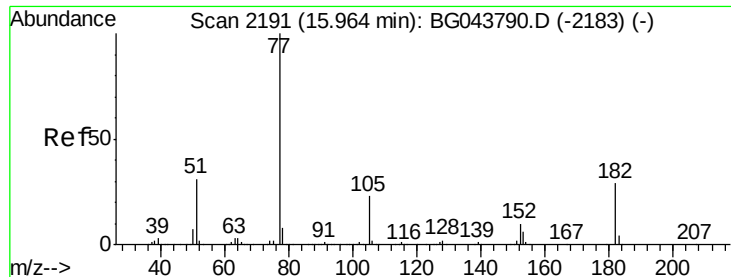
Tot Ion:204 Resp: 1077058
Ion Ratio Lower Upper
204 100
206 38.0 28.1 42.1
141 56.4 44.1 66.1



#62
4-Nitroaniline
Concen: 73.387 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:138 Resp: 555154
Ion Ratio Lower Upper
138 100
92 51.9 31.5 71.5
108 74.8 53.1 93.1





#63

Azobenzene

Concen: 64.854 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1856514

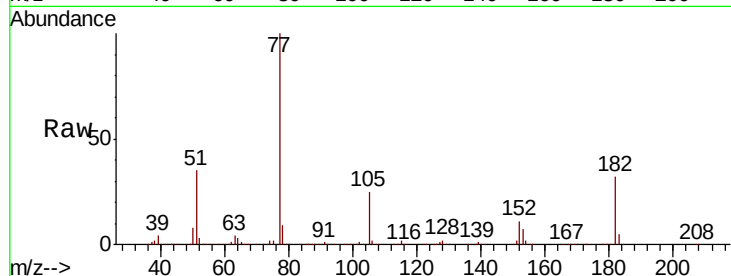
Ion Ratio Lower Upper

77 100

182 32.1 9.0 49.0

105 25.1 2.9 42.9

51 34.8 10.6 50.6

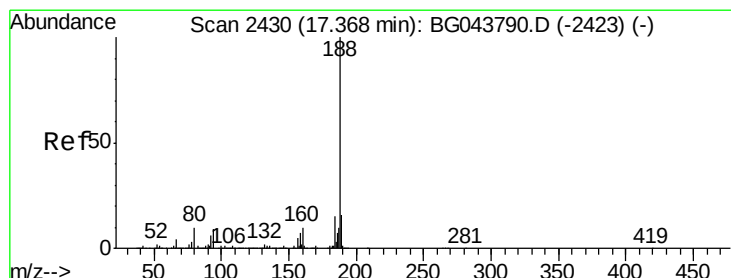
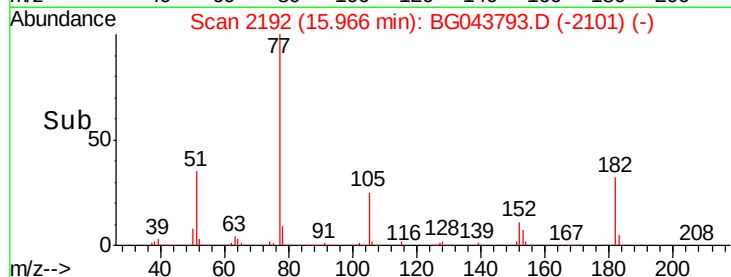
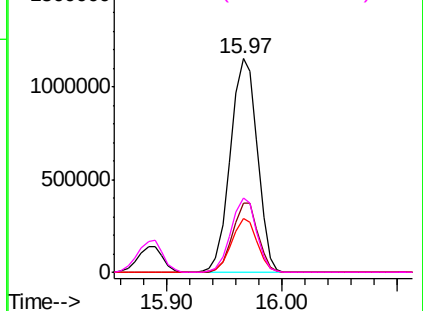


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

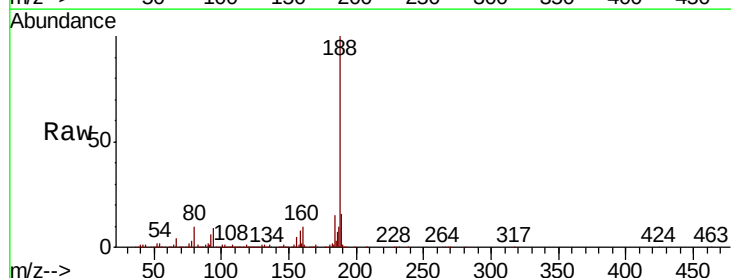
Tgt Ion: 188 Resp: 828333

Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

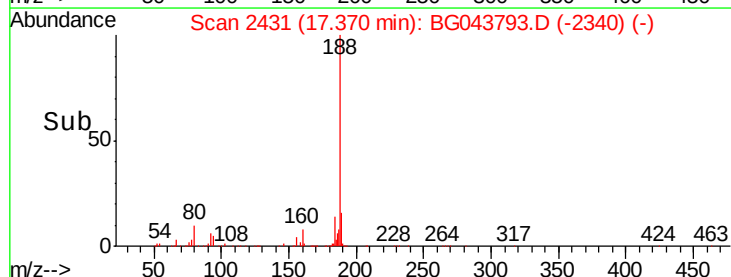
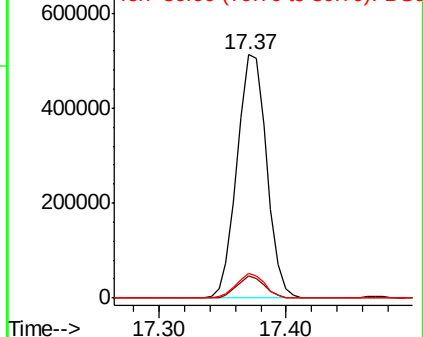
80 10.4 7.8 11.8

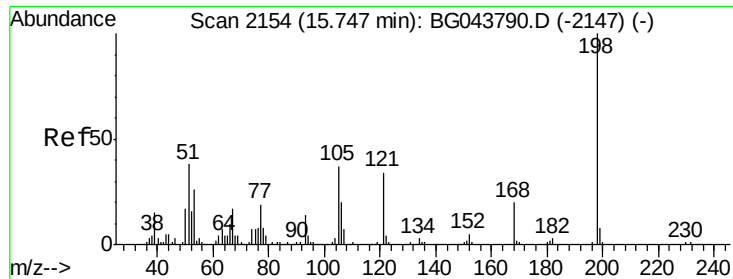


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

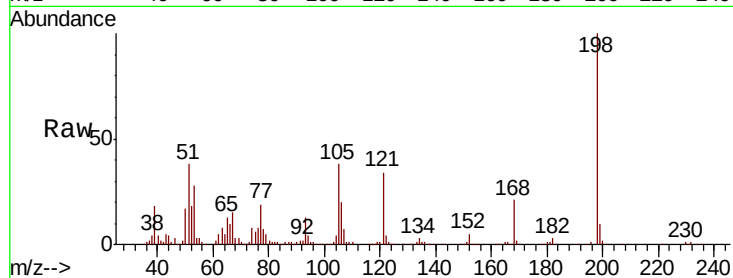




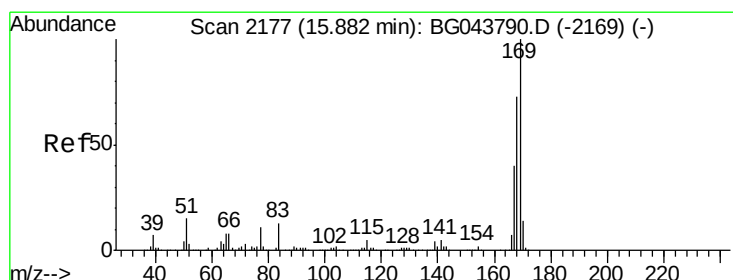
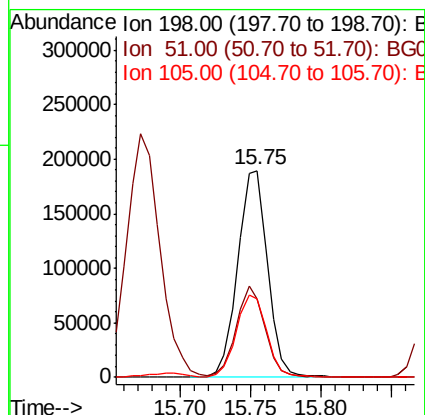
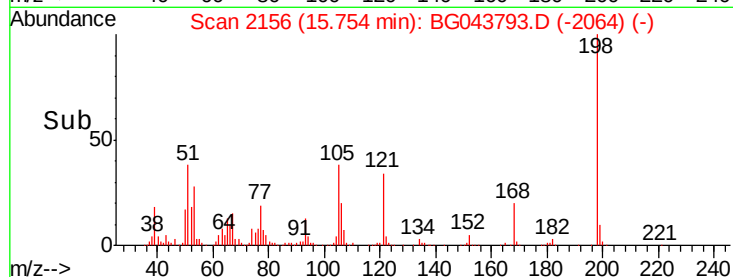
#65
4,6-Dinitro-2-methylphenol
Concen: 99.746 ng
RT: 15.75 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.1	18.9	58.9
105	37.8	18.1	58.1

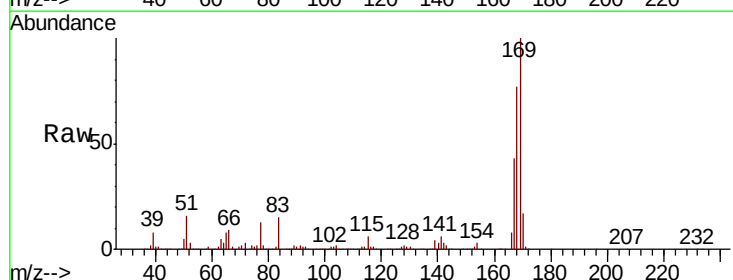


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

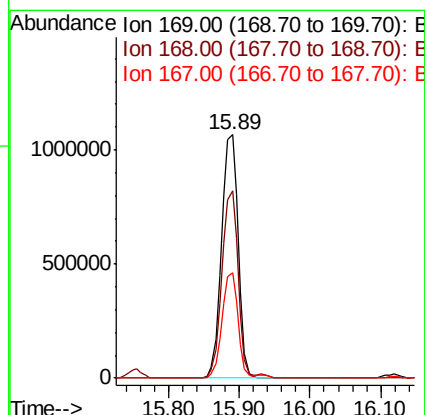
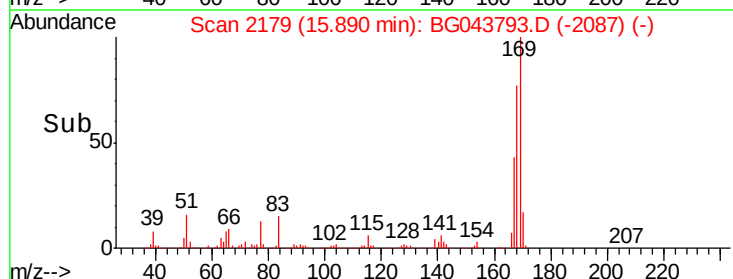


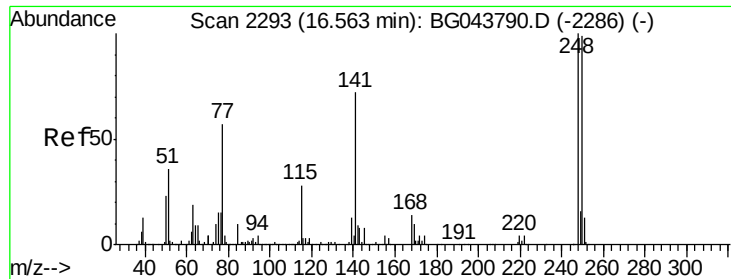
#66
n-Nitrosodiphenylamine
Concen: 79.303 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	77.0	58.5	87.7
167	43.4	32.1	48.1



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

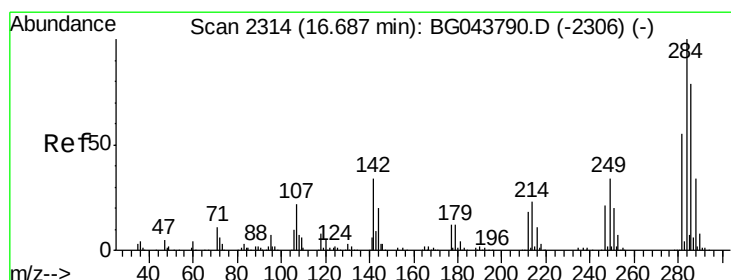
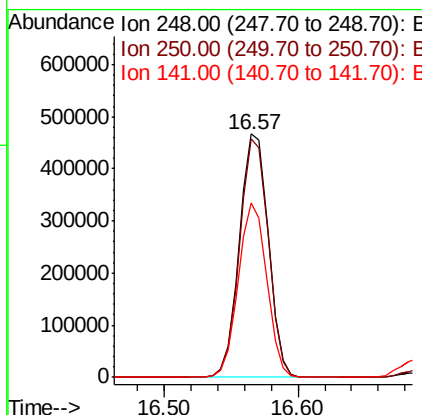
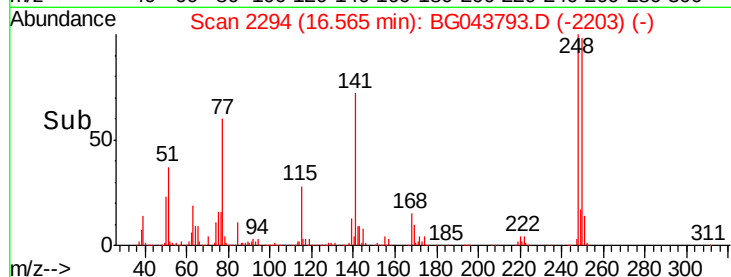
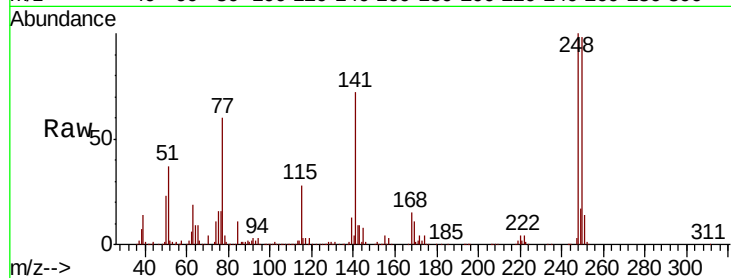




#67
4-Bromophenyl-phenylether
Concen: 79.866 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

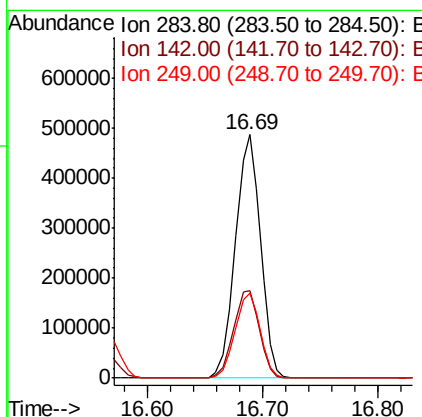
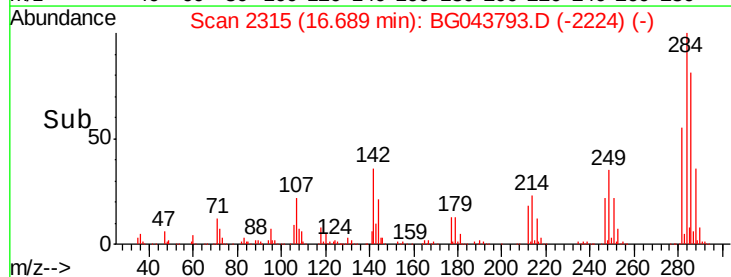
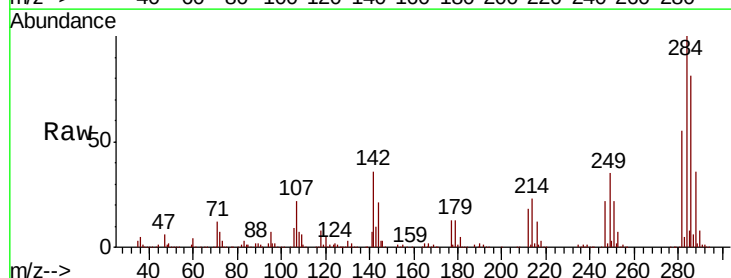
Instrument :
BNA_G
ClientSampled :

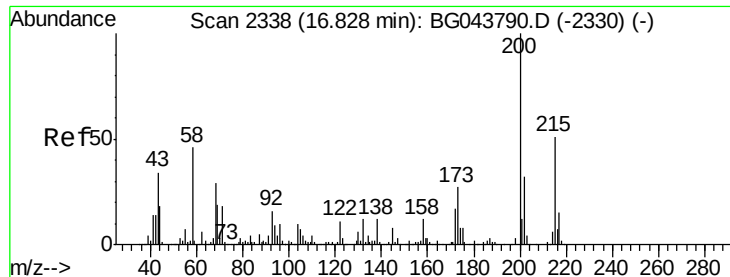
Tot Ion:248 Resp: 697646
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.6
141 71.6 57.8 86.6



#68
Hexachlorobenzene
Concen: 76.335 ng
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:284 Resp: 728964
Ion Ratio Lower Upper
284 100
142 35.7 27.0 40.6
249 35.1 27.2 40.8





#69

Atrazine

Concen: 45.300 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

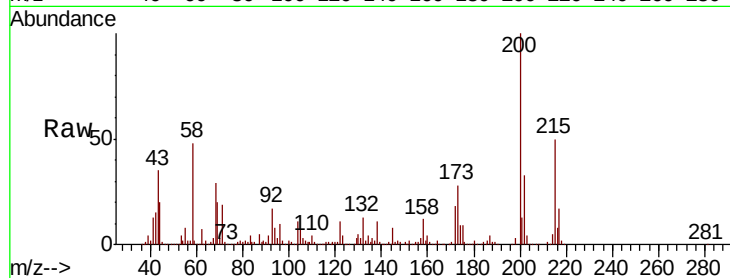
Tot Ion:200 Resp: 398165

Ion Ratio Lower Upper

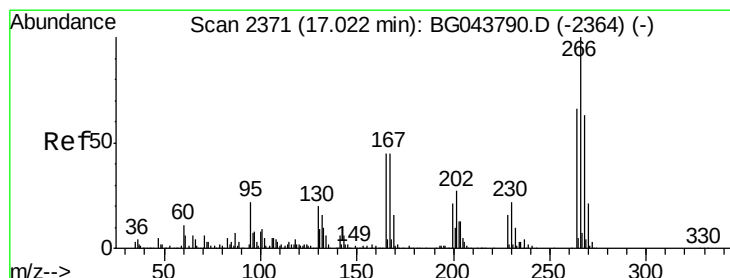
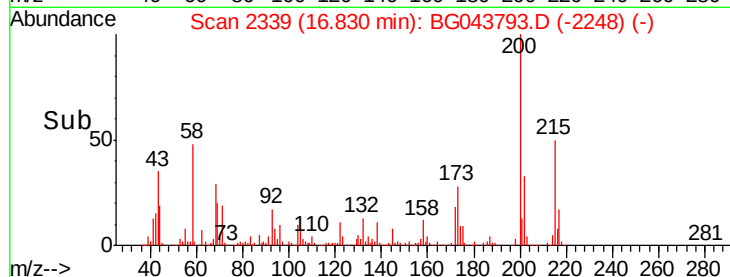
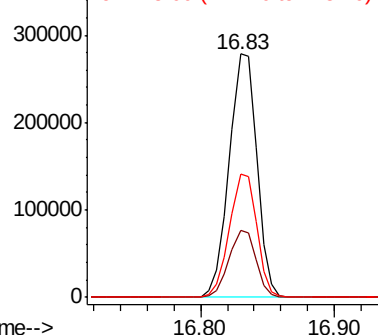
200 100

173 27.6 7.4 47.4

215 50.4 30.5 70.5



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: 72.873 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

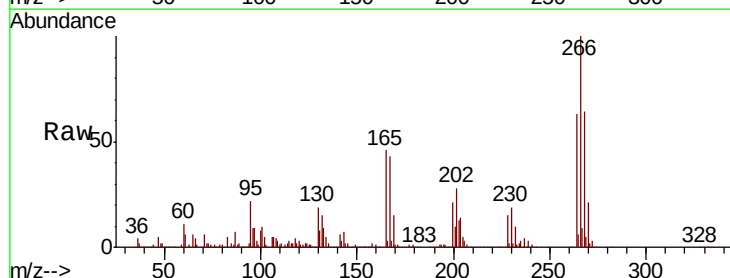
Tgt Ion:266 Resp: 424641

Ion Ratio Lower Upper

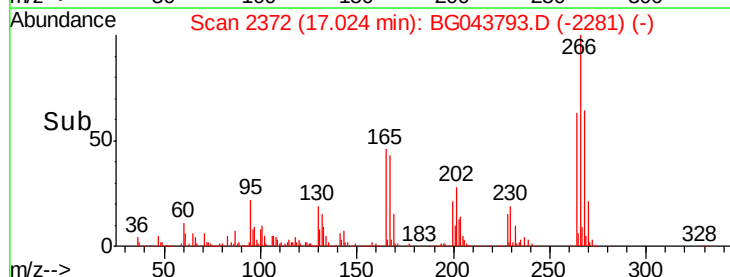
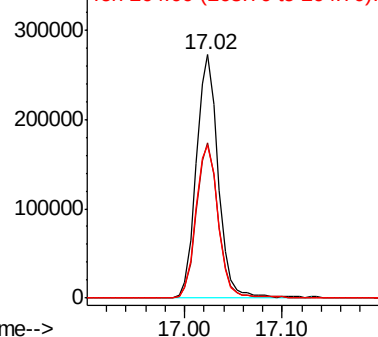
266 100

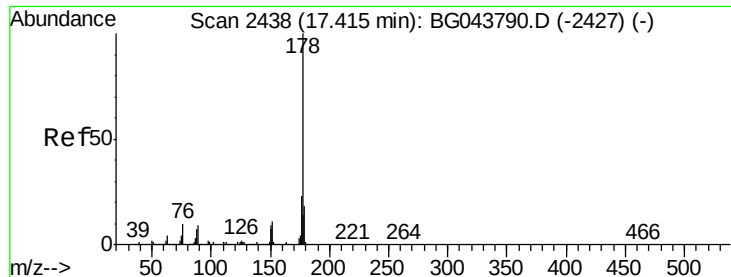
268 64.0 50.8 76.2

264 62.8 53.0 79.4



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: 67.363 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

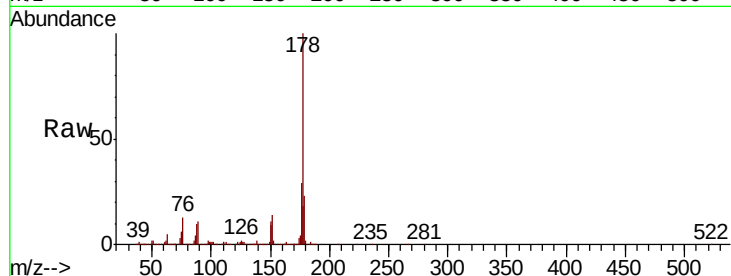
Tot Ion:178 Resp: 2760986

Ion Ratio Lower Upper

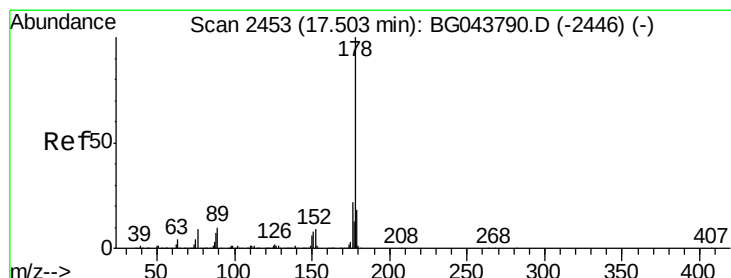
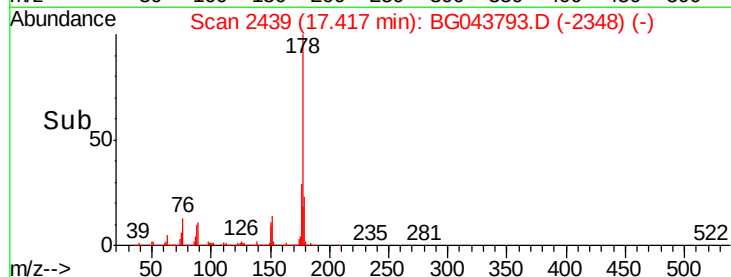
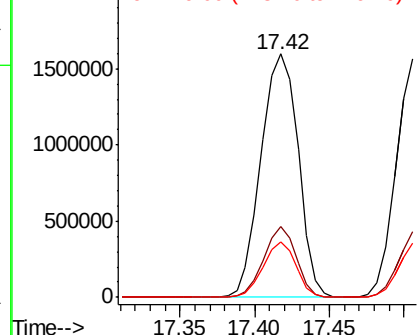
178 100

176 29.0 18.6 27.8#

179 22.6 14.7 22.1#



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



#72

Anthracene

Concen: 65.880 ng

RT: 17.51 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

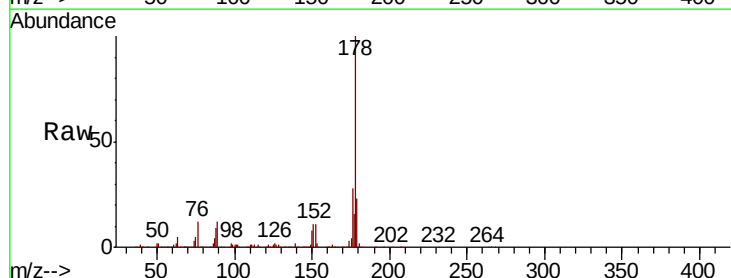
Tgt Ion:178 Resp: 2727647

Ion Ratio Lower Upper

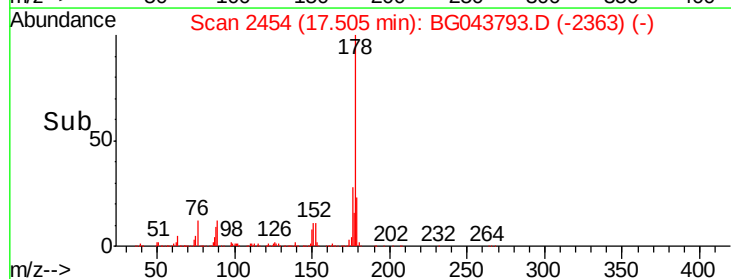
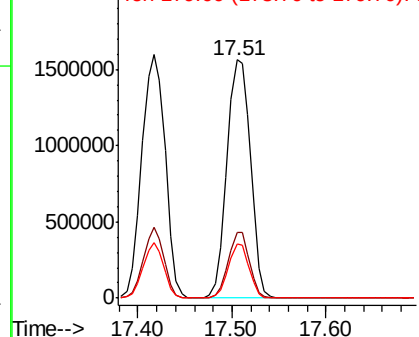
178 100

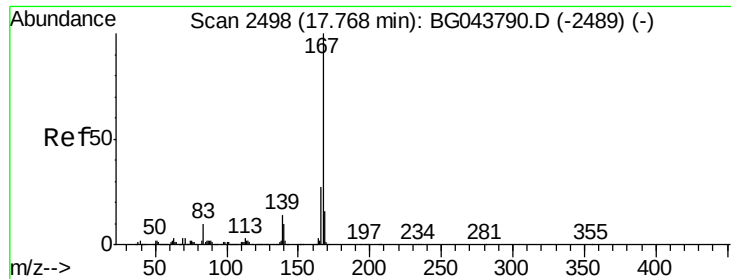
176 27.5 17.7 26.5#

179 22.9 14.5 21.7#



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

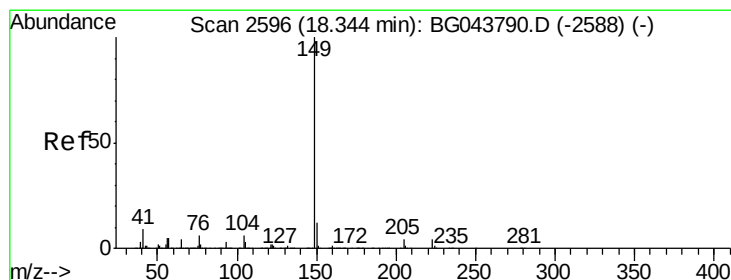
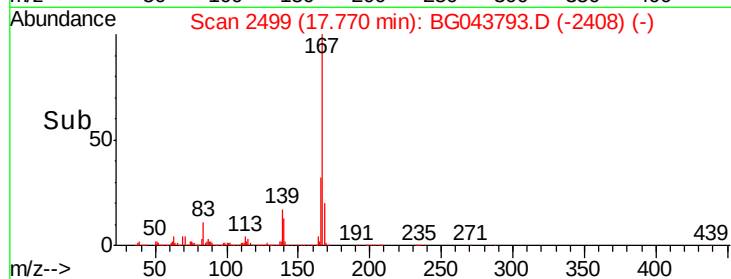
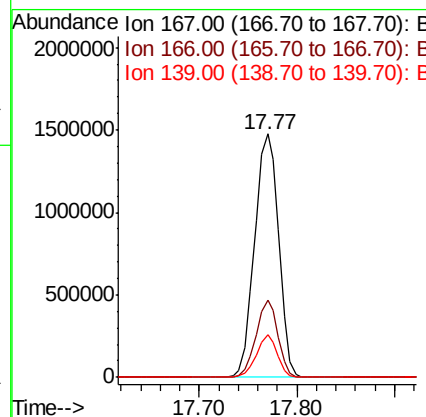
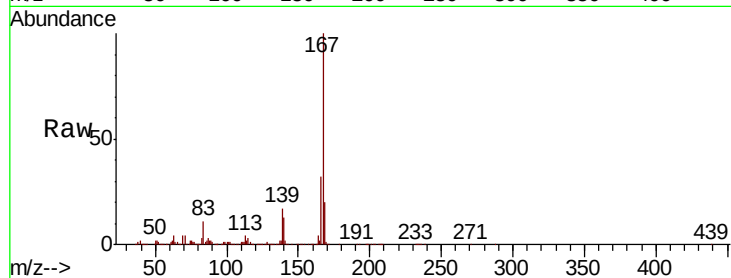




#73
 Carbazole
 Concen: 62.322 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

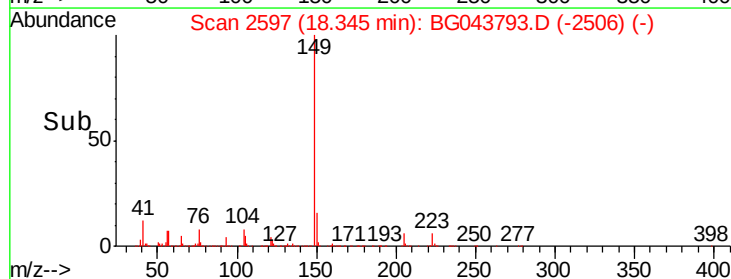
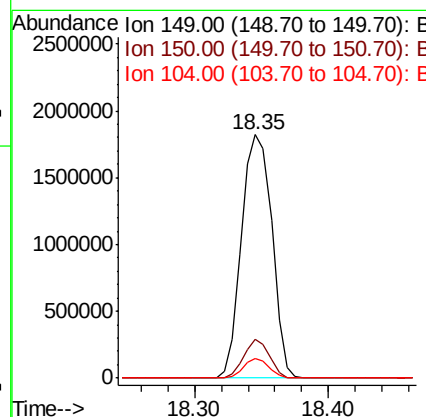
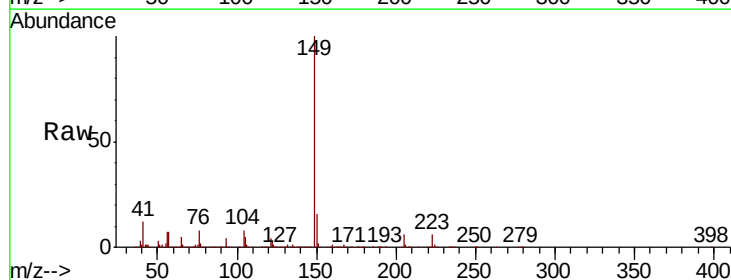
Instrument :
 BNA_G
 ClientSampleId :

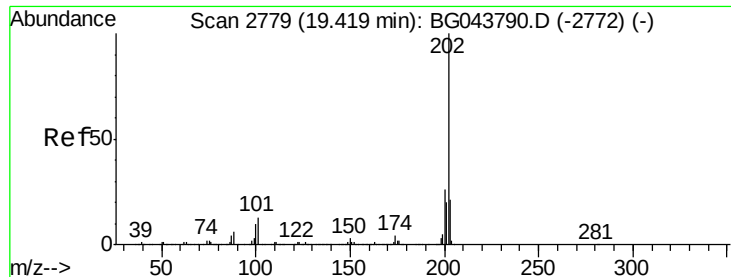
Tot Ion:167 Resp: 2556464
 Ion Ratio Lower Upper
 167 100
 166 31.9 21.4 32.2
 139 17.3 11.0 16.4#



#74
 Di-n-butylphthalate
 Concen: 54.668 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Tgt Ion:149 Resp: 2870183
 Ion Ratio Lower Upper
 149 100
 150 15.8 9.4 14.0#
 104 8.2 4.8 7.2#





#75

Fluoranthene

Concen: 51.511 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

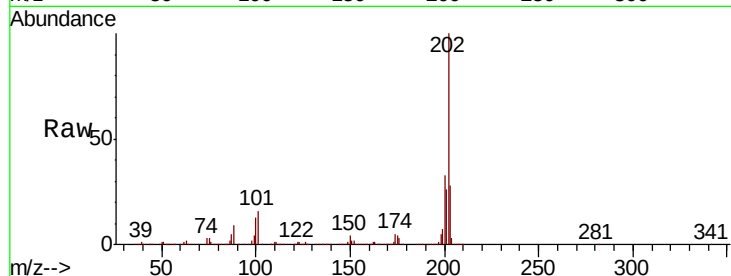
Tot Ion:202 Resp: 3028481

Ion Ratio Lower Upper

202 100

101 16.4 0.0 32.7

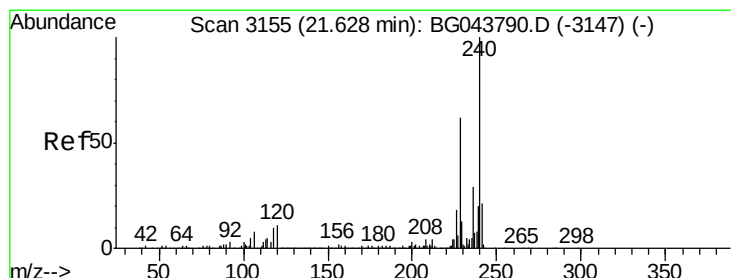
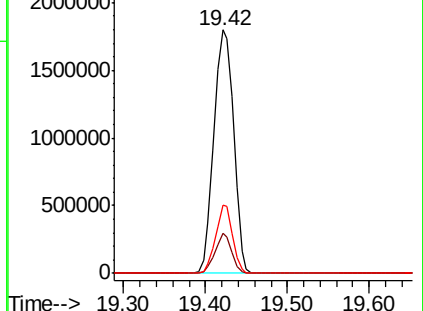
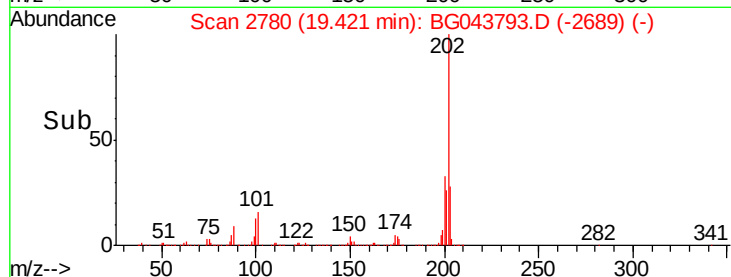
203 28.2 1.0 41.0



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: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

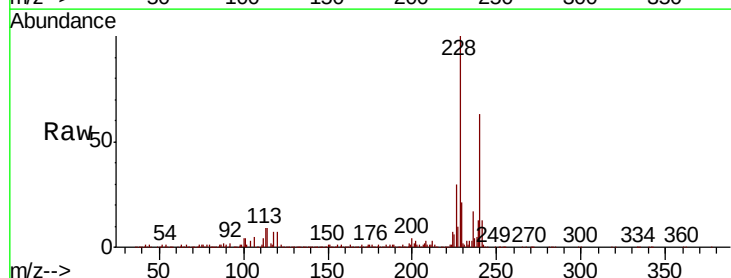
Tgt Ion:240 Resp: 676440

Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

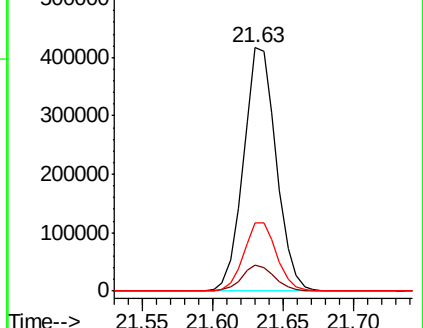
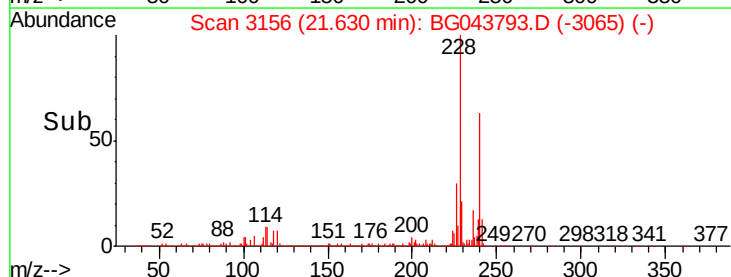
236 27.8 23.1 34.7

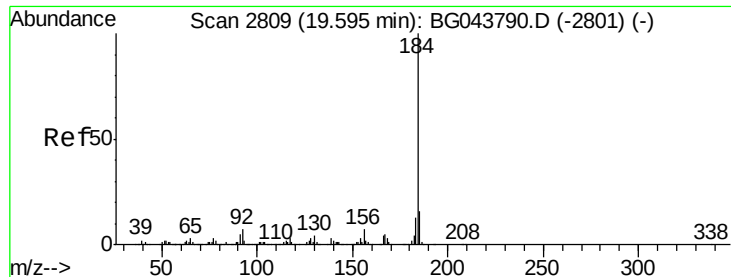


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.430 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

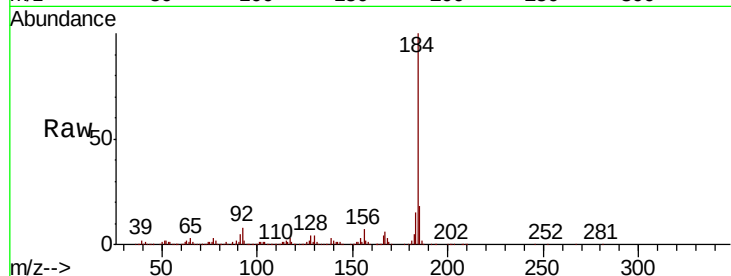
Tot Ion:184 Resp: 1194078

Ion Ratio Lower Upper

184 100

185 18.4 12.9 19.3

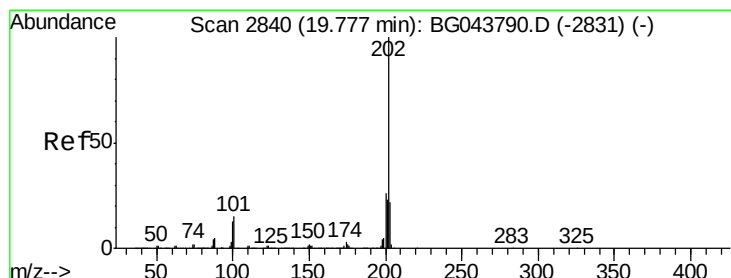
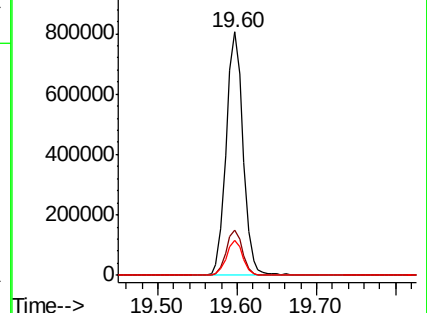
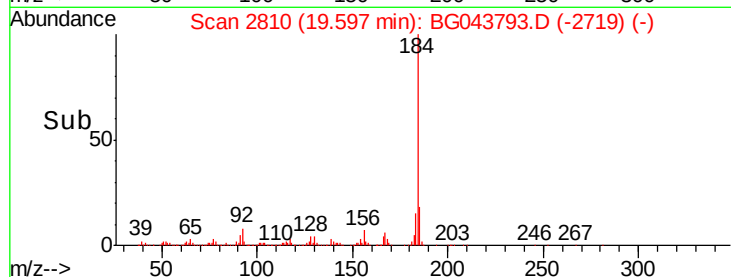
183 14.6 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 69.126 ng

RT: 19.78 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

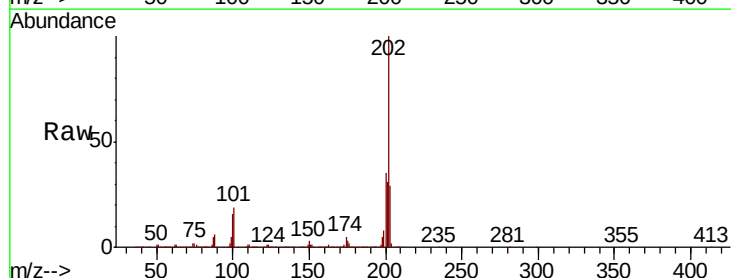
Tgt Ion:202 Resp: 3017796

Ion Ratio Lower Upper

202 100

200 34.6 20.8 31.2#

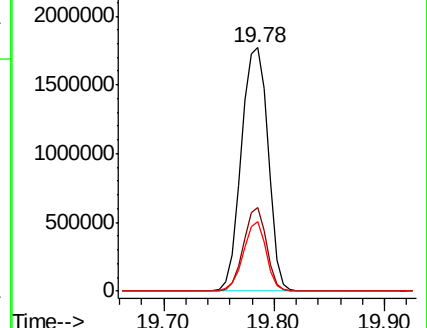
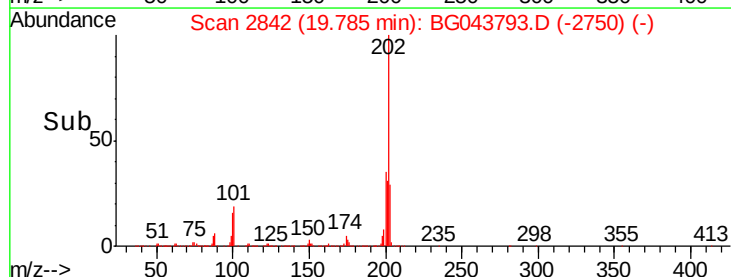
203 28.8 17.7 26.5#

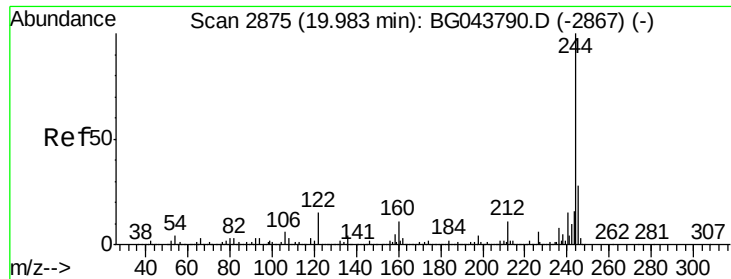


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 119.459 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

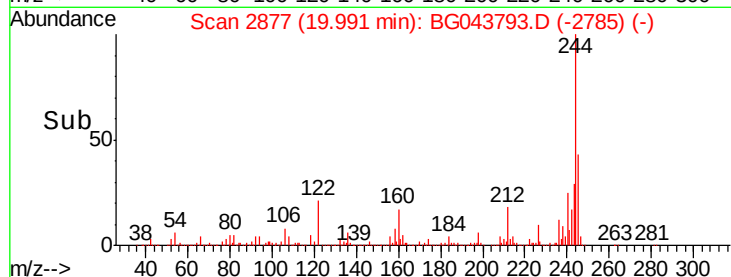
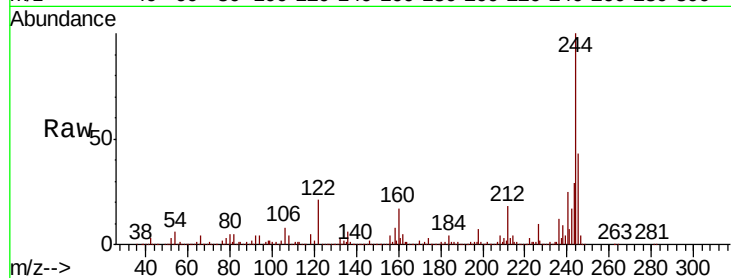
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 3576106

Ion	Ratio	Lower	Upper
244	100		
212	18.2	9.1	13.7#
122	20.8	11.6	17.4#

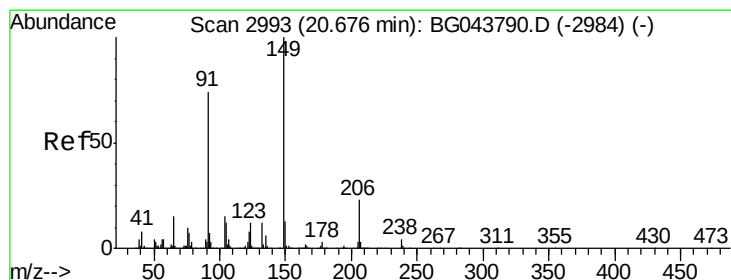
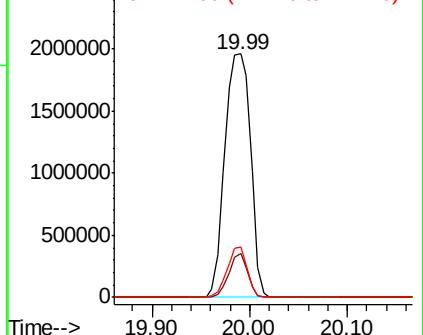


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 74.699 ng

RT: 20.68 min Scan# 2994

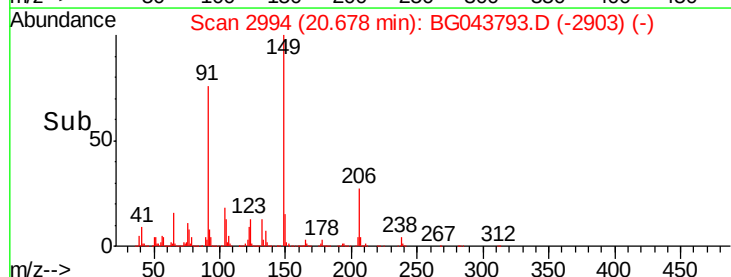
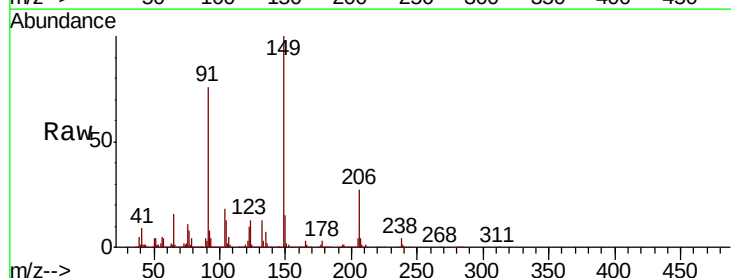
Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:149 Resp: 1485583

Ion	Ratio	Lower	Upper
149	100		
91	75.7	59.0	88.4
206	26.7	18.6	28.0

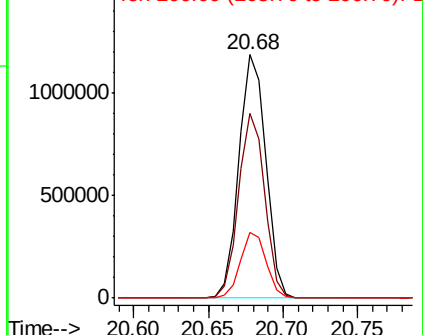


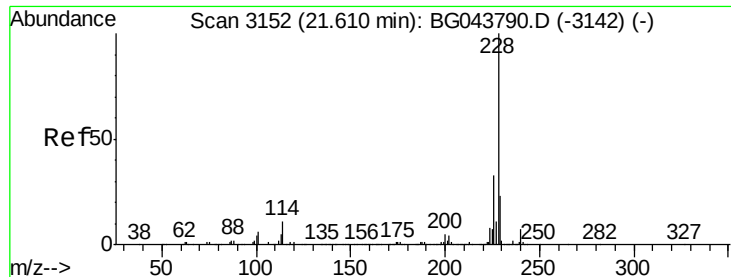
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

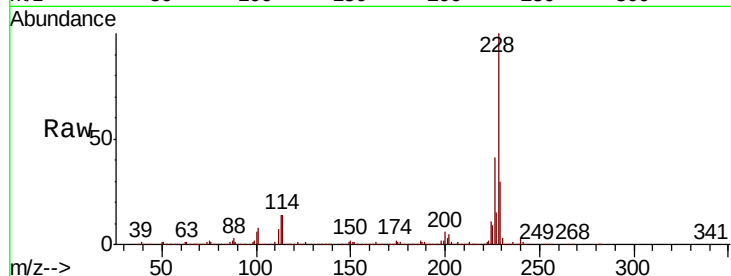




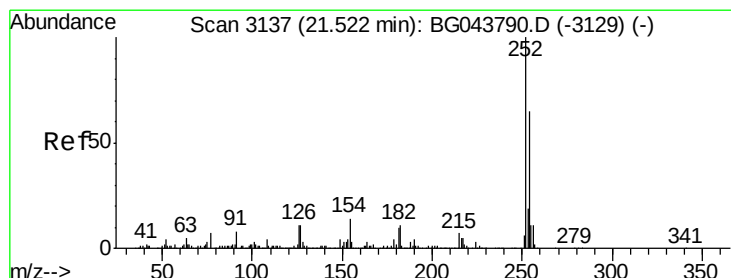
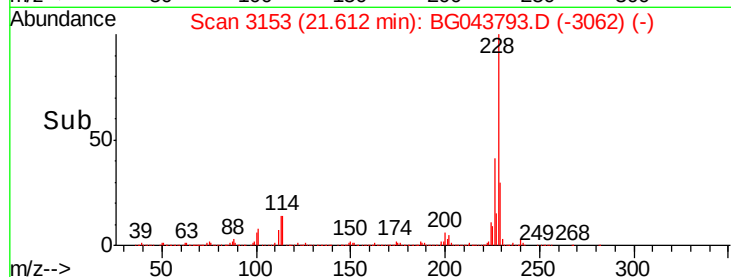
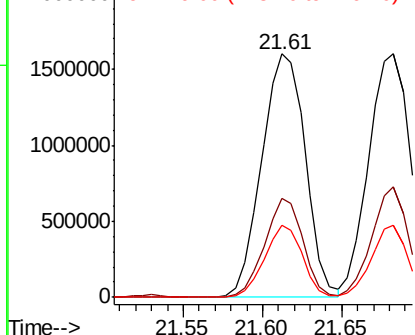
#81
Benzo(a)anthracene
Concen: 67.577 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 3055960
Ion Ratio Lower Upper
228 100
226 40.9 26.1 39.1#
229 29.6 18.6 27.8#

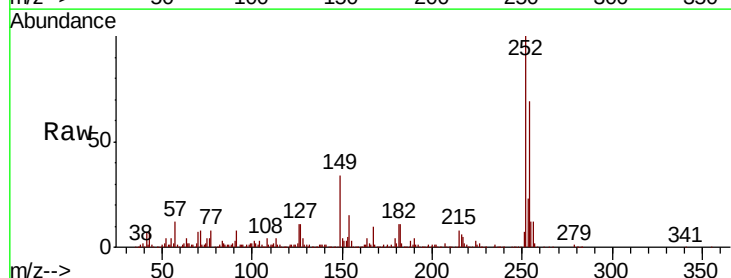


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

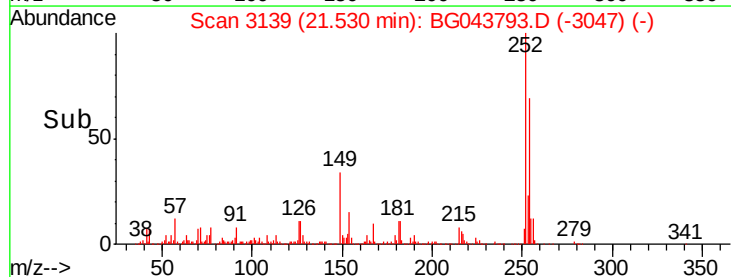
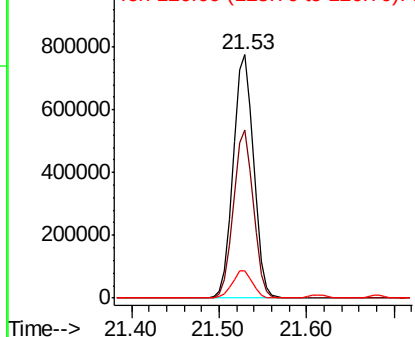


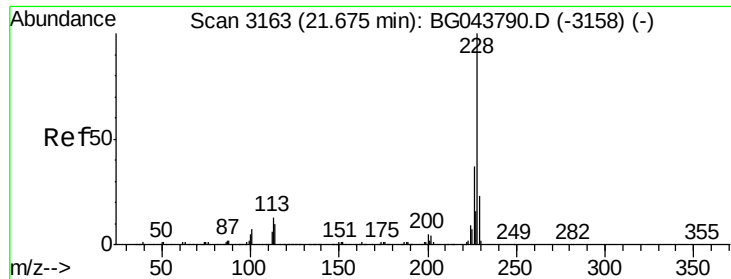
#82
3,3'-Dichlorobenzidine
Concen: 72.267 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:252 Resp: 1225524
Ion Ratio Lower Upper
252 100
254 68.8 52.2 78.2
126 11.2 8.7 13.1



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: 67.875 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

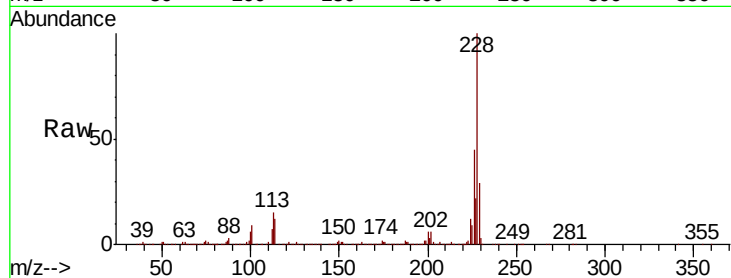
Tot Ion:228 Resp: 2904461

Ion Ratio Lower Upper

228 100

226 45.2 29.1 43.7#

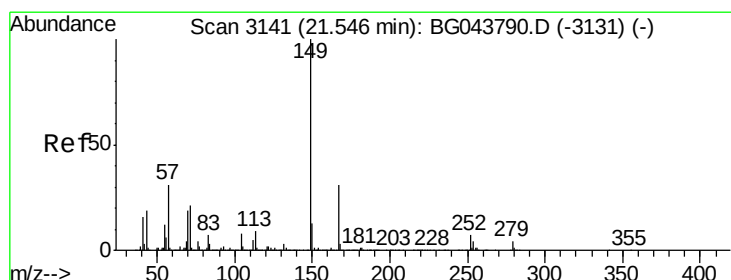
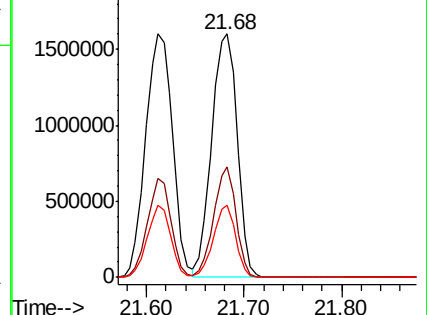
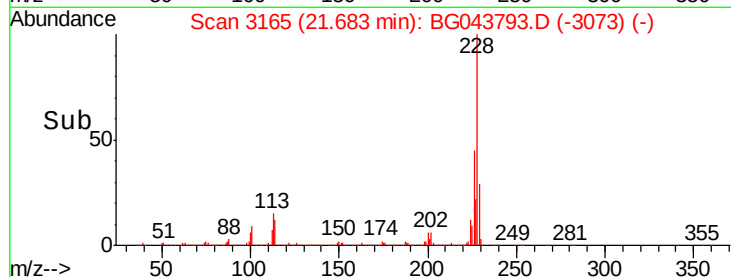
229 29.4 18.6 28.0#



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: 71.591 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

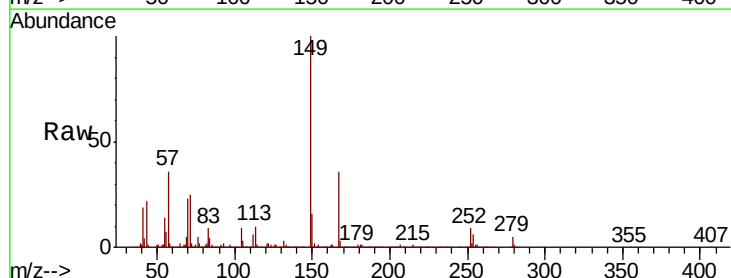
Tgt Ion:149 Resp: 2003287

Ion Ratio Lower Upper

149 100

167 36.0 25.1 37.7

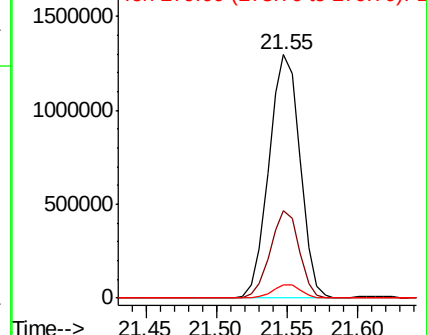
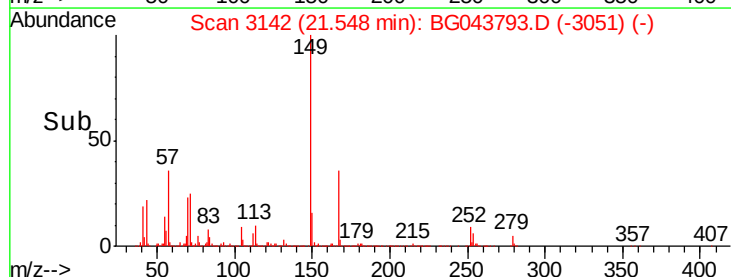
279 5.4 3.5 5.3#

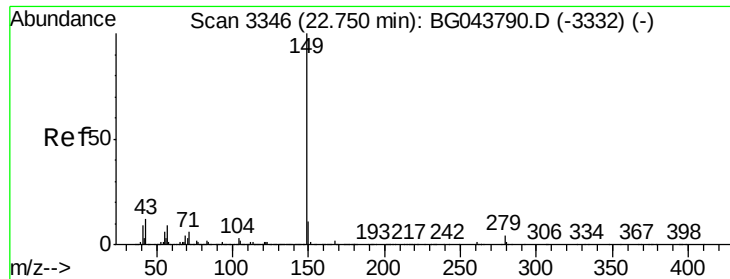


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 73.164 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

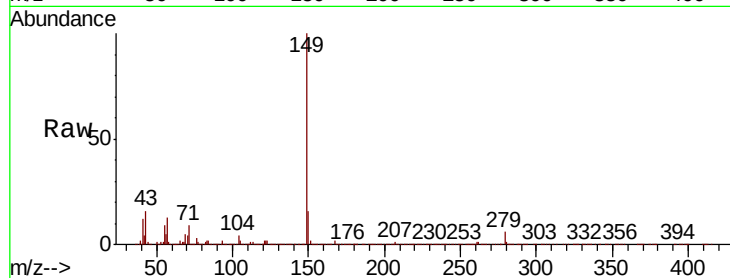
Tot Ion:149 Resp: 3320716

Ion Ratio Lower Upper

149 100

167 2.1 1.4 2.2

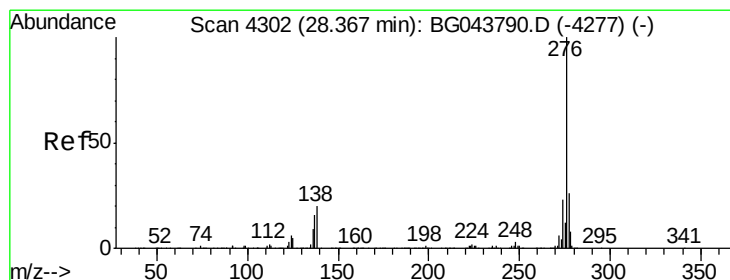
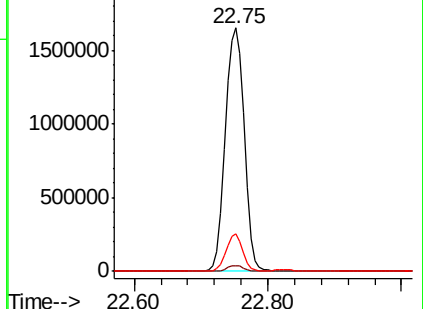
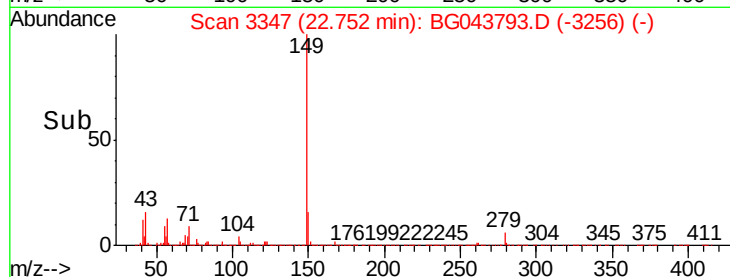
43 13.5 8.8 13.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 83.487 ng

RT: 28.39 min Scan# 4306

Delta R.T. 0.02 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

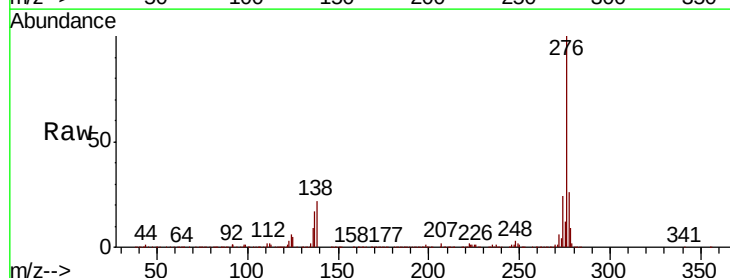
Tgt Ion:276 Resp: 4155709

Ion Ratio Lower Upper

276 100

138 19.1 14.6 21.8

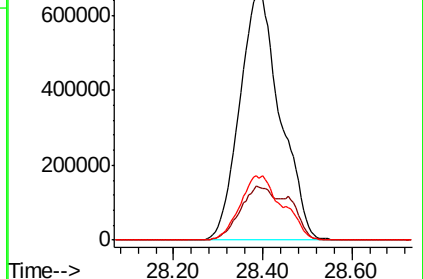
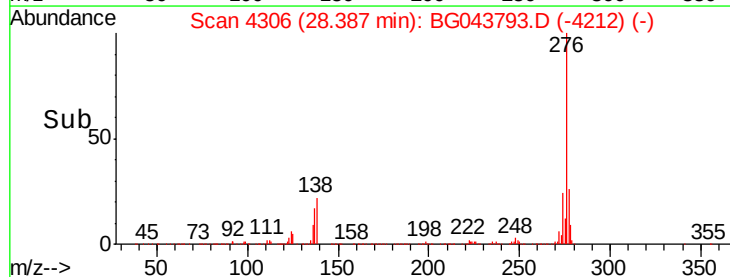
277 27.3 21.2 31.8

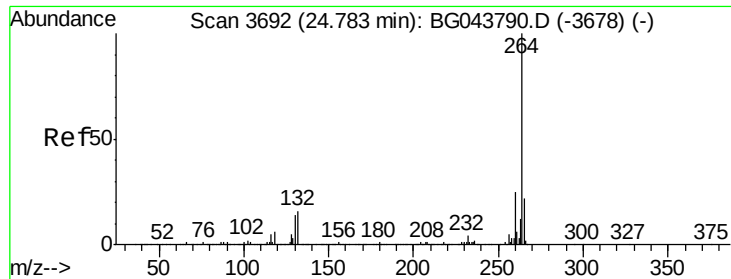


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



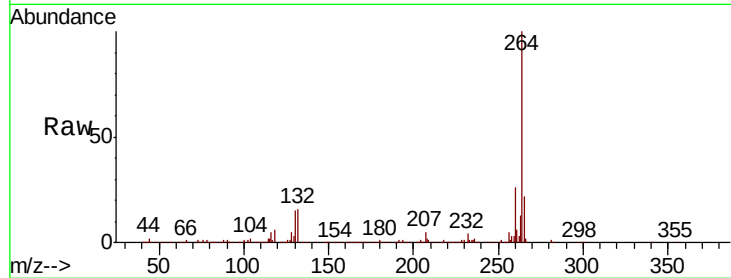


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

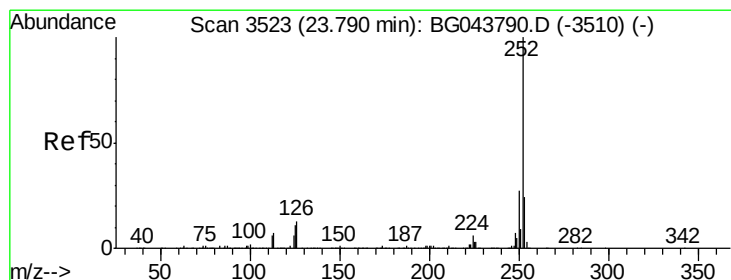
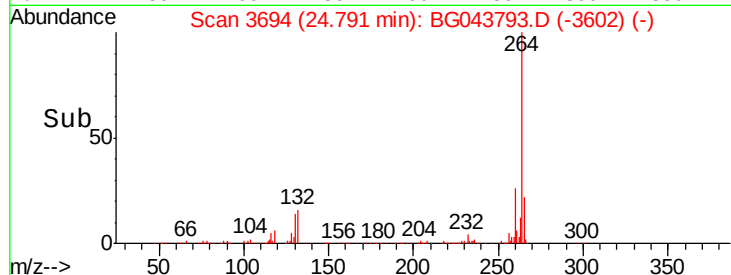
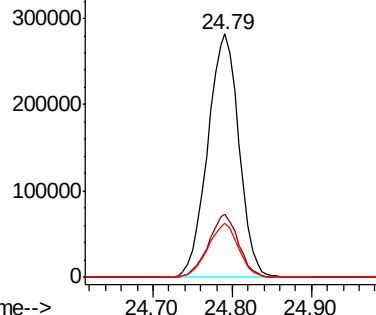
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 770953

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.8	29.8
265	22.5	17.9	26.9



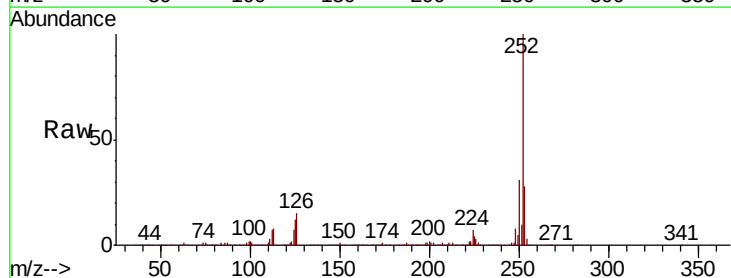
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



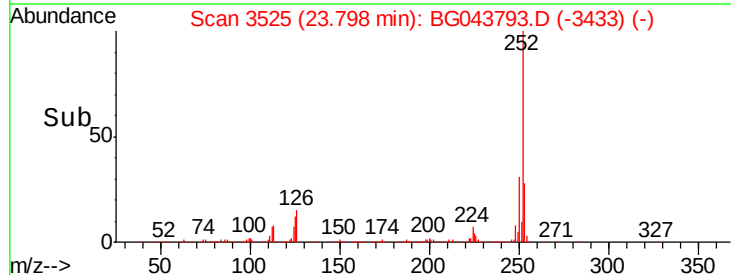
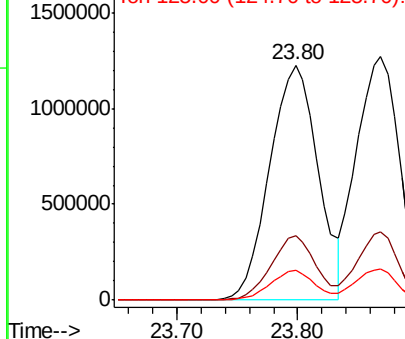
#88
Benzo(b)fluoranthene
Concen: 74.140 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

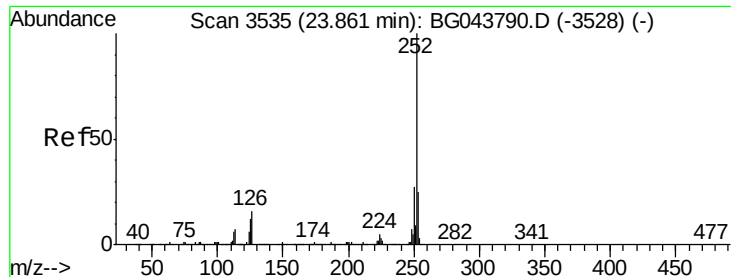
Tgt Ion:252 Resp: 3412736

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.5	29.3
125	12.5	9.0	13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 70.713 ng

RT: 23.87 min Scan# 3537

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

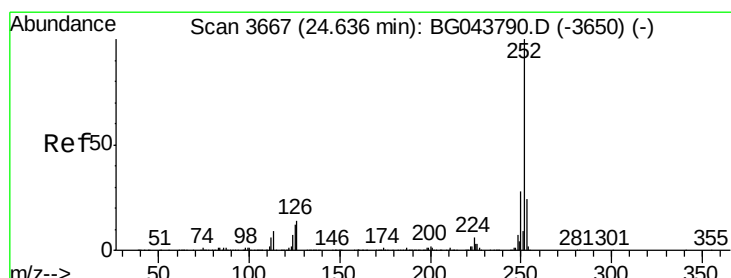
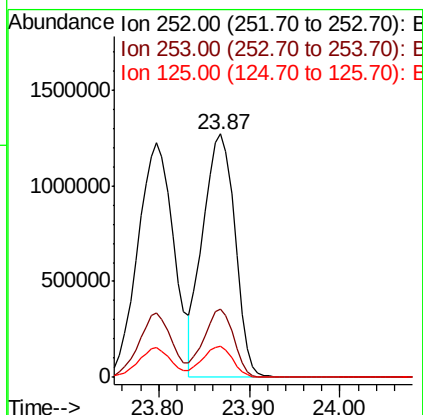
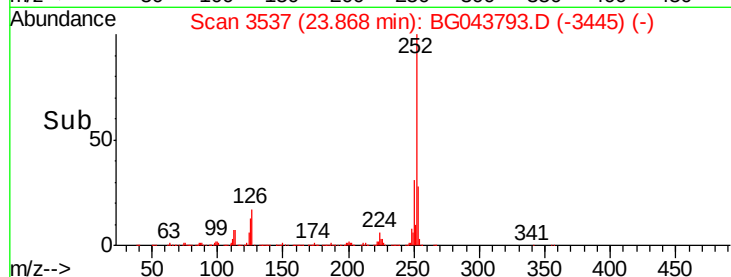
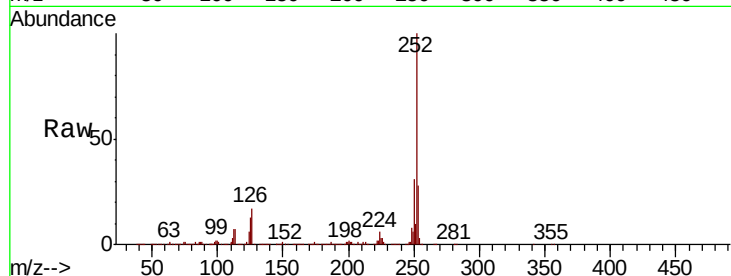
Tot Ion:252 Resp: 3123882

Ion Ratio Lower Upper

252 100

253 27.9 19.4 29.0

125 12.9 8.9 13.3



#90

Benzo(a)pyrene

Concen: 74.812 ng

RT: 24.65 min Scan# 3670

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

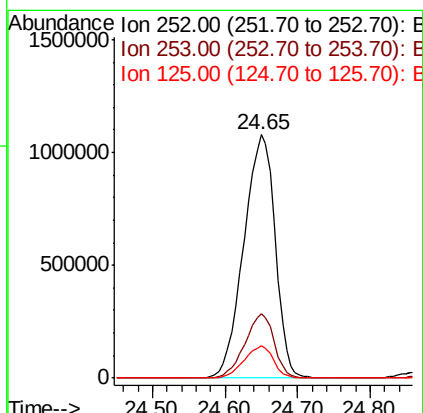
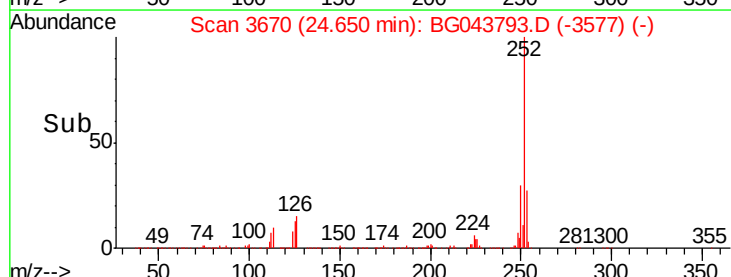
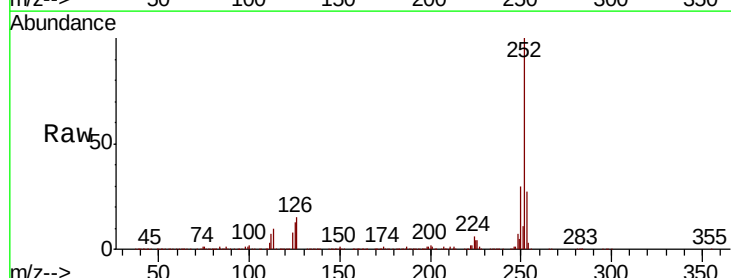
Tgt Ion:252 Resp: 3238132

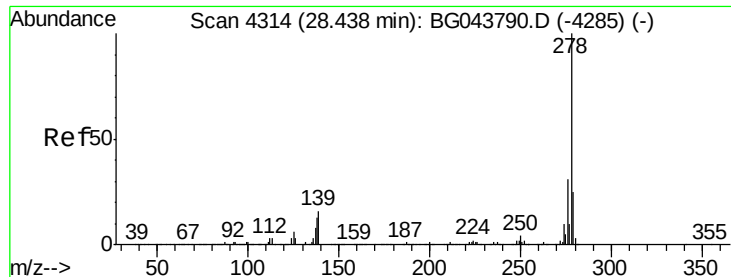
Ion Ratio Lower Upper

252 100

253 26.7 19.1 28.7

125 13.4 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 78.883 ng

RT: 28.46 min Scan# 4319

Delta R.T. 0.03 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

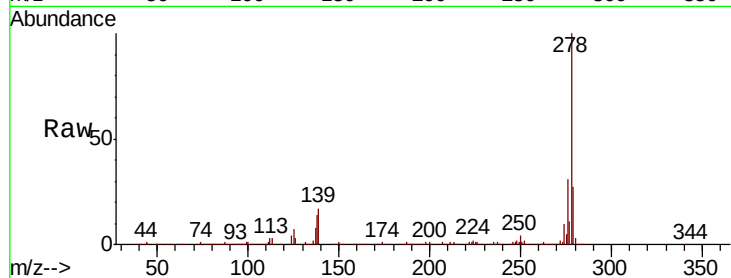
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 3311822

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.2	19.8
279	26.6	19.8	29.6

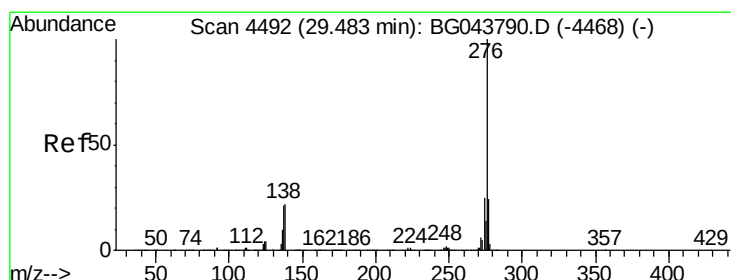
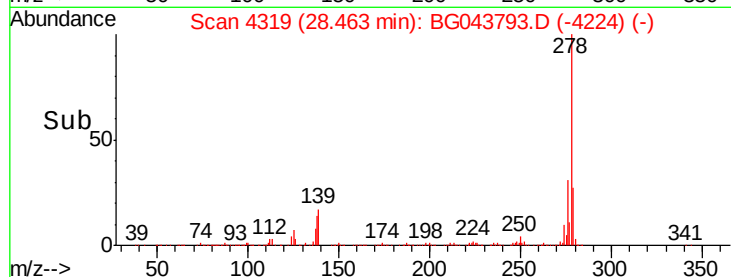
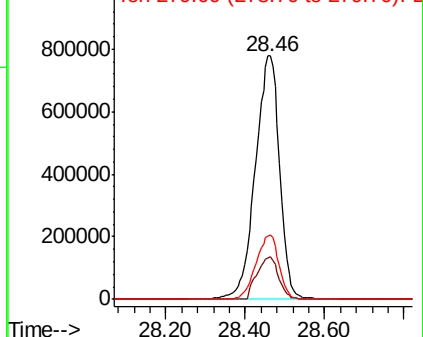


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 79.550 ng

RT: 29.51 min Scan# 4497

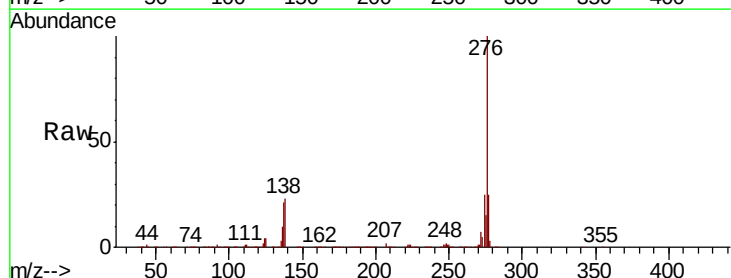
Delta R.T. 0.03 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:276 Resp: 3293574

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.3	28.9
138	23.3	17.6	26.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

