

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043791.D
 Acq On : 9 Dec 2019 14:47
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 15:41:12 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	8.01	152	133654	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	567719	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	395606	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	849608	20.00	ng	0.00
76) Chrysene-d12	21.63	240	711538	20.00	ng	0.00
87) Perylene-d12	24.79	264	796491	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	727254	97.82	ng	0.00
7) Phenol-d6	7.16	99	1036534	95.91	ng	0.00
23) Nitrobenzene-d5	9.16	82	1033504	100.09	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	391354	82.02	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2220241	92.25	ng	0.00
79) Terphenyl-d14	19.99	244	2888102	91.72	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	163472	49.591	ng	99
3) Pyridine	3.88	79	434910	46.857	ng	95
4) n-Nitrosodimethylamine	3.79	42	219376	47.580	ng	97
6) Aniline	7.32	93	687871	48.843	ng	99
8) 2-Chlorophenol	7.57	128	416800	49.155	ng	97
9) Benzaldehyde	7.14	77	268681	41.621	ng	90
10) Phenol	7.19	94	531128	47.873	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	443430	47.891	ng	98
12) 1,3-Dichlorobenzene	7.89	146	494933	49.584	ng	98
13) 1,4-Dichlorobenzene	8.04	146	496240	49.083	ng	99
14) 1,2-Dichlorobenzene	8.36	146	473800	49.529	ng	97
15) Benzyl Alcohol	8.24	79	410378	45.463	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	717475	45.057	ng	98
17) 2-Methylphenol	8.44	107	380422	47.960	ng	99
18) Hexachloroethane	9.09	117	181756	47.623	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	390712	45.973	ng	99
20) 3+4-Methylphenols	8.77	107	533716	48.230	ng	98
22) Acetophenone	8.82	105	707811	47.040	ng	99
24) Nitrobenzene	9.20	77	521120	49.100	ng	100
25) Isophorone	9.73	82	1018822	46.017	ng	99
26) 2-Nitrophenol	9.92	139	196082	51.207	ng	98
27) 2,4-Dimethylphenol	9.97	122	363407	48.332	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	651094	47.714	ng	99
29) 2,4-Dichlorophenol	10.44	162	453014	49.560	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	517376	48.302	ng	99
31) Naphthalene	10.86	128	1368972	48.610	ng	99
32) Benzoic acid	10.12	122	265244	48.918	ng	96
33) 4-Chloroaniline	10.96	127	668207	49.248	ng	99
34) Hexachlorobutadiene	11.16	225	319032	45.294	ng	98
35) Caprolactam	11.73	113	178152	47.931	ng	97
36) 4-Chloro-3-methylphenol	12.07	107	486690	47.378	ng	99
37) 2-Methylnaphthalene	12.46	142	1058378	49.870	ng	100
38) 1-Methylnaphthalene	12.68	142	1007275	50.009	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	589654	46.842	ng	100

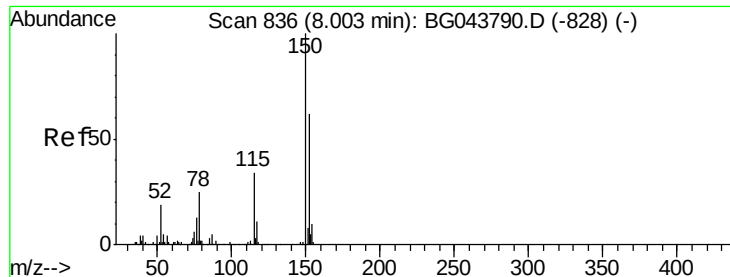
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043791.D
 Acq On : 9 Dec 2019 14:47
 Operator : JU
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Quant Time: Dec 09 15:41:12 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT 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	285964	42.047	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	390053	48.179	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	412418	48.967	ng	98
46) 1,1'-Biphenyl	13.46	154	1353435	49.356	ng	98
47) 2-Chloronaphthalene	13.51	162	1104507	49.391	ng	98
48) 2-Nitroaniline	13.70	65	345808	52.820	ng	97
49) Acenaphthylene	14.35	152	1639179	46.589	ng	97
50) Dimethylphthalate	14.09	163	1408070	44.931	ng	99
51) 2,6-Dinitrotoluene	14.19	165	312483	53.694	ng	96
52) Acenaphthene	14.70	154	1087474	48.332	ng	98
53) 3-Nitroaniline	14.52	138	358720	52.771	ng	96
54) 2,4-Dinitrophenol	14.72	184	105134	44.216	ng	# 86
55) Dibenzofuran	15.03	168	1598179	45.594	ng	97
56) 4-Nitrophenol	14.82	139	267998	46.806	ng	97
57) 2,4-Dinitrotoluene	14.98	165	428515	53.093	ng	98
58) Fluorene	15.68	166	1286391	44.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	357101	42.214	ng	98
60) Diethylphthalate	15.46	149	1393308	42.344	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	716065	45.244	ng	99
62) 4-Nitroaniline	15.69	138	364044	46.704	ng	97
63) Azobenzene	15.97	77	1279803	43.389	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	155636	53.984	ng	96
66) n-Nitrosodiphenylamine	15.89	169	1183944	52.632	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	456387	50.938	ng	96
68) Hexachlorobenzene	16.68	284	482680	49.279	ng	96
69) Atrazine	16.83	200	336607	37.338	ng	99
70) Pentachlorophenol	17.02	266	277793	46.478	ng	97
71) Phenanthrene	17.41	178	1997162	47.507	ng	97
72) Anthracene	17.51	178	1993346	46.939	ng	96
73) Carbazole	17.77	167	1856912	44.135	ng	98
74) Di-n-butylphthalate	18.35	149	2169440	40.287	ng	98
75) Fluoranthene	19.42	202	2285004	37.892	ng	96
77) Benzidine	19.59	184	849999	40.895	ng	98
78) Pyrene	19.78	202	2290699	49.883	ng	96
80) Butylbenzylphthalate	20.68	149	1021972	48.853	ng	99
81) Benzo(a)anthracene	21.61	228	2225101	46.777	ng	96
82) 3,3'-Dichlorobenzidine	21.53	252	849148	47.603	ng	99
83) Chrysene	21.68	228	2147016	47.699	ng	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	1419377	48.222	ng	97
85) Di-n-octyl phthalate	22.75	149	2382792	49.909	ng	98
86) Indeno(1,2,3-cd)pyrene	28.38	276	2751910	52.558	ng	# 93
88) Benzo(b)fluoranthene	23.79	252	2304433	48.458	ng	100
89) Benzo(k)fluoranthene	23.86	252	2272785	49.798	ng	99
90) Benzo(a)pyrene	24.65	252	2223585	49.725	ng	99
91) Dibenzo(a,h)anthracene	28.45	278	2211900	50.995	ng	99
92) Benzo(g,h,i)perylene	29.50	276	2180635	50.980	ng	98

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

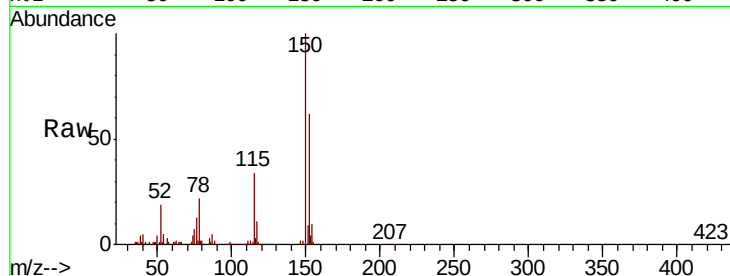


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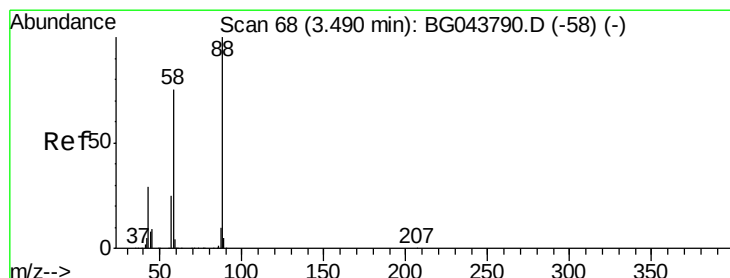
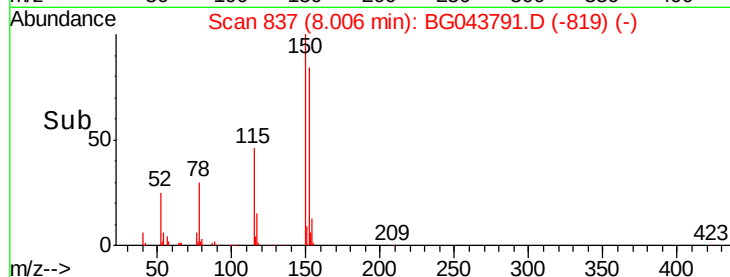
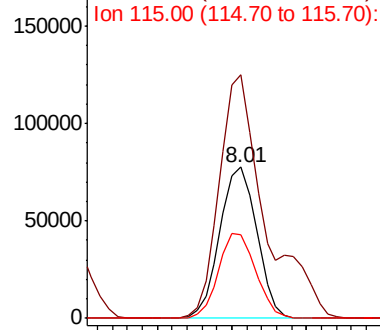
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 133654
Ion Ratio Lower Upper
152 100
150 161.2 128.6 192.8
115 55.5 44.3 66.5



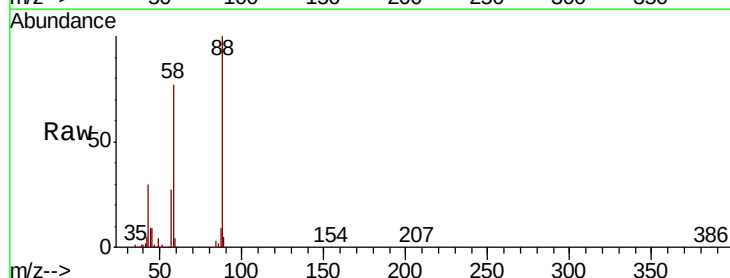
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



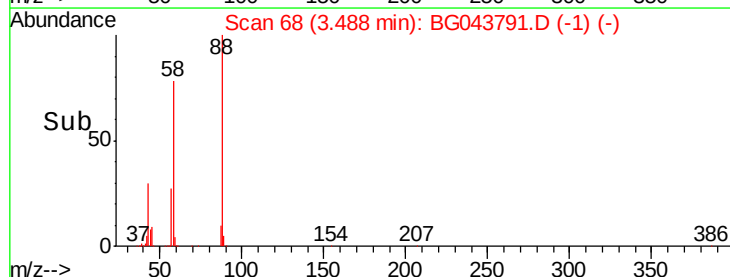
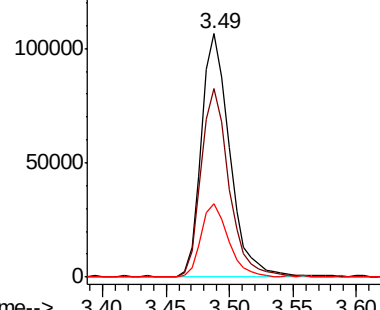
#2

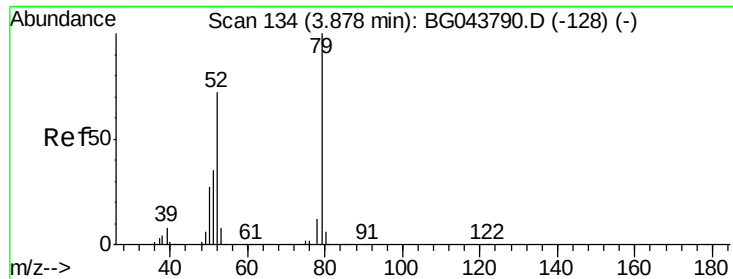
1,4-Dioxane
Concen: 49.591 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion: 88 Resp: 163472
Ion Ratio Lower Upper
88 100
58 77.2 62.2 93.4
43 29.5 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: 46.857 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

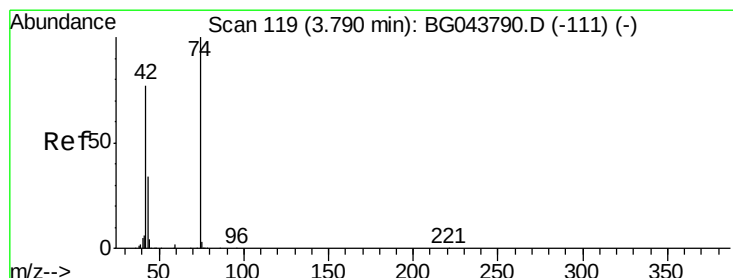
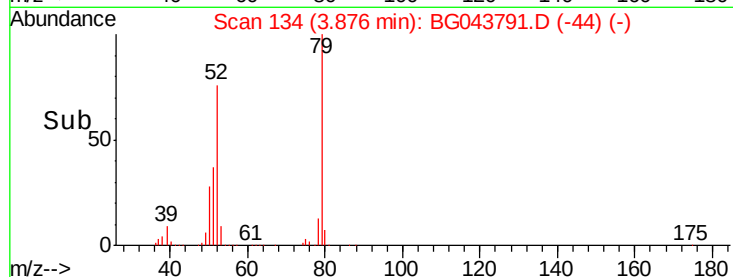
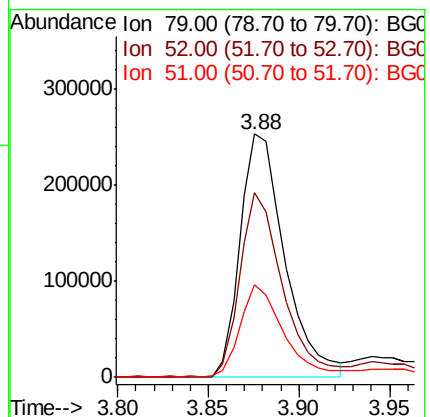
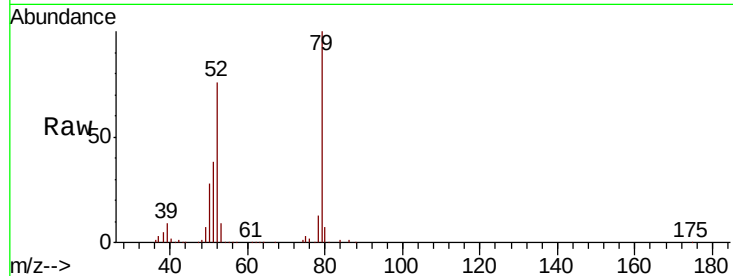
Tot Ion: 79 Resp: 434910

Ion Ratio Lower Upper

79 100

52 75.8 57.6 86.4

51 38.0 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 47.580 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

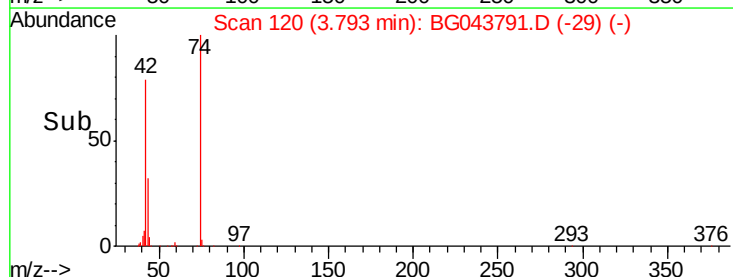
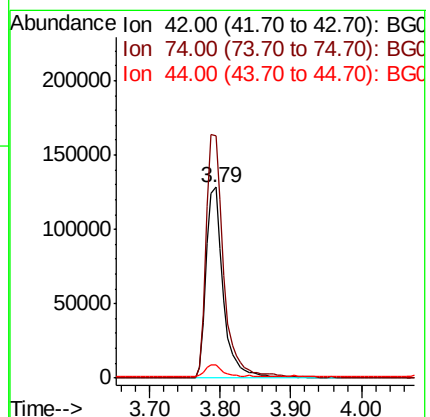
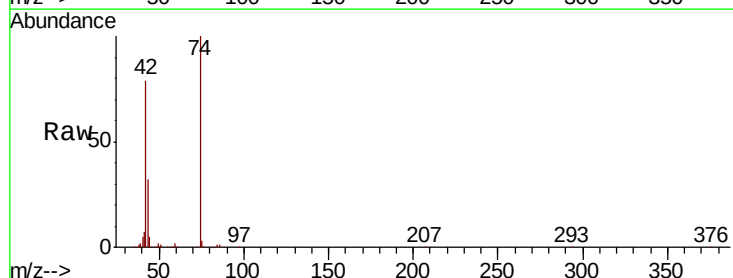
Tgt Ion: 42 Resp: 219376

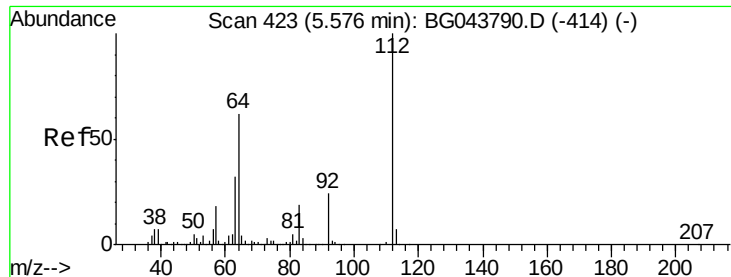
Ion Ratio Lower Upper

42 100

74 126.7 104.2 156.4

44 6.7 5.6 8.4





#5

2-Fluorophenol

Concen: 97.823 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampled :

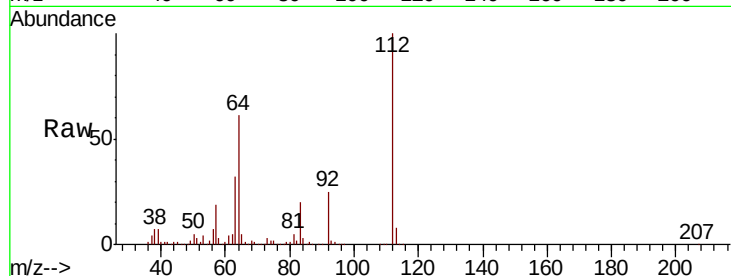
Tot Ion:112 Resp: 727254

Ion Ratio Lower Upper

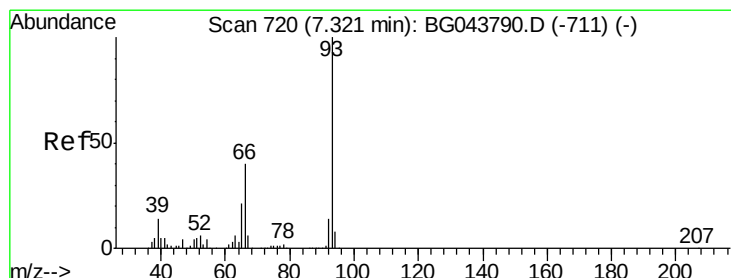
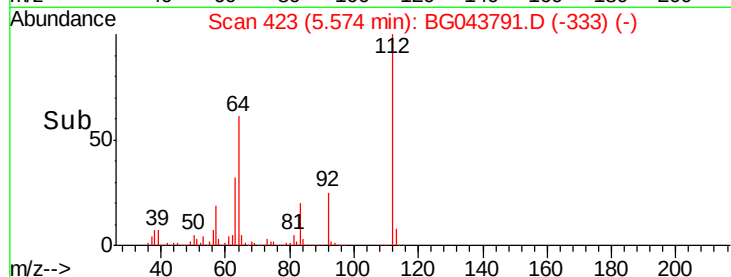
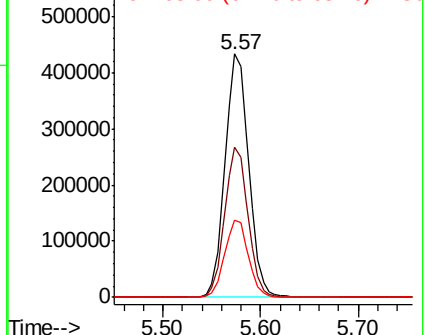
112 100

64 61.5 49.9 74.9

63 31.8 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: 48.843 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

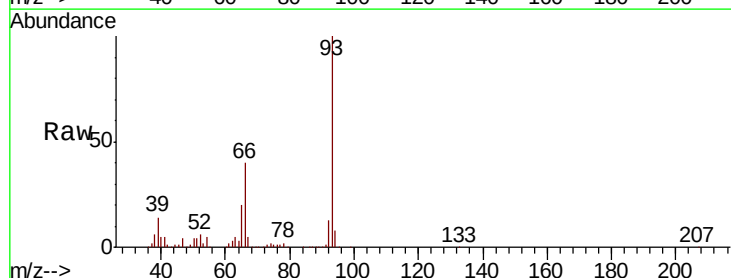
Tgt Ion: 93 Resp: 687871

Ion Ratio Lower Upper

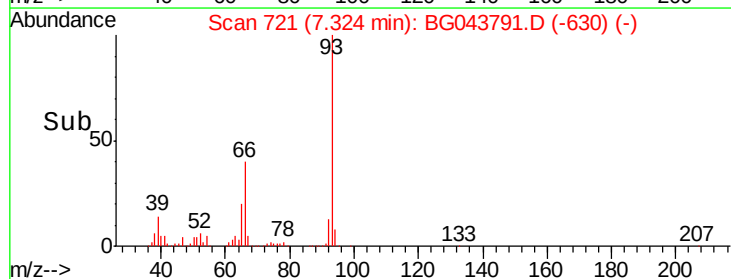
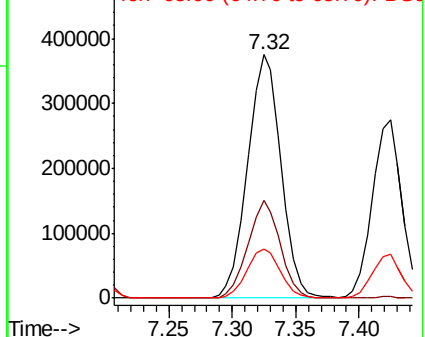
93 100

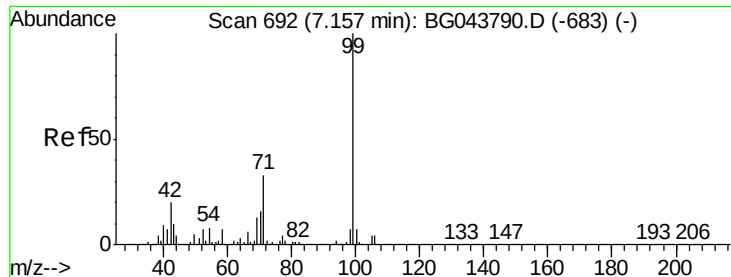
66 39.9 31.9 47.9

65 19.9 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: 95.912 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

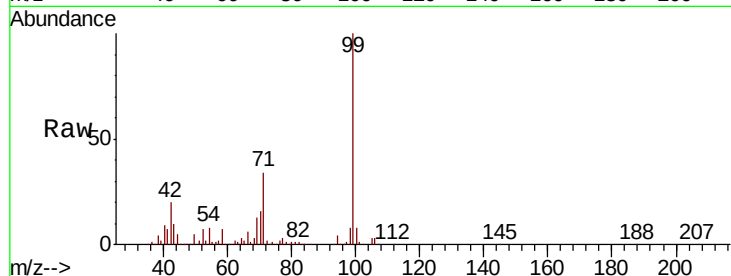
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1036534

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.2	24.2
71	34.1	26.6	40.0

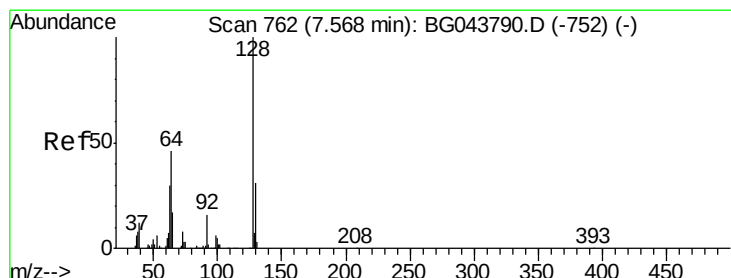
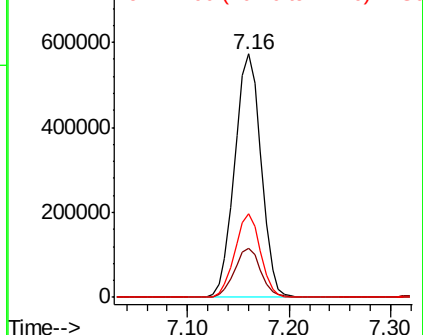
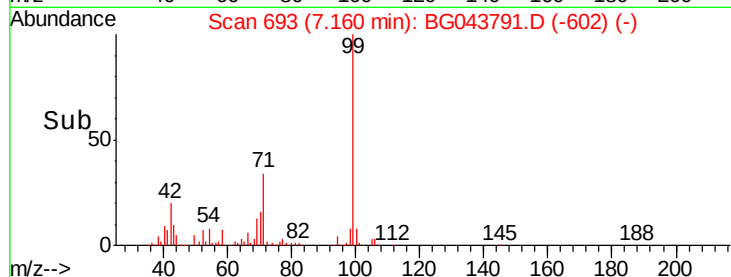


Abundance

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: 49.155 ng

RT: 7.57 min Scan# 762

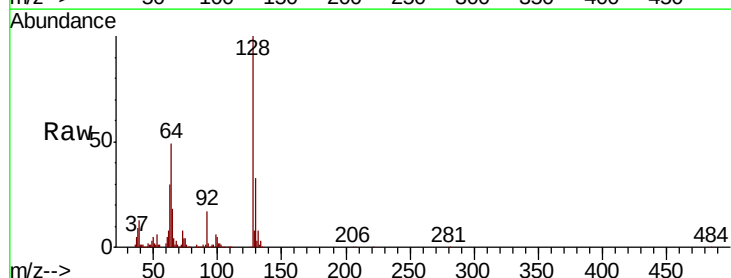
Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion: 128 Resp: 416800

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.1	51.1
64	48.8	26.5	66.5

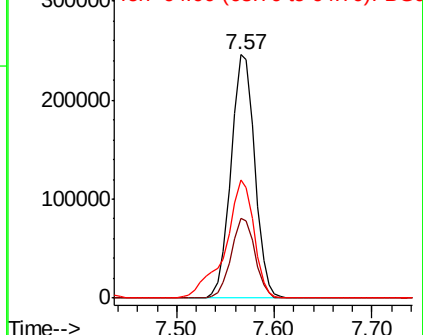
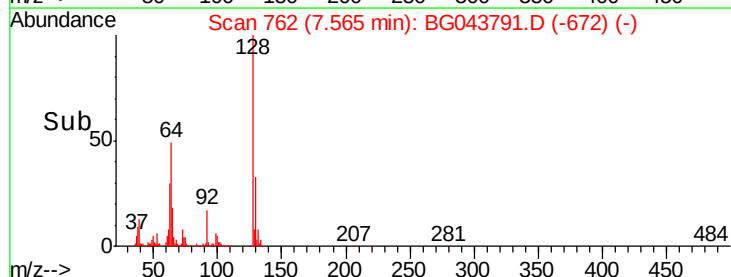


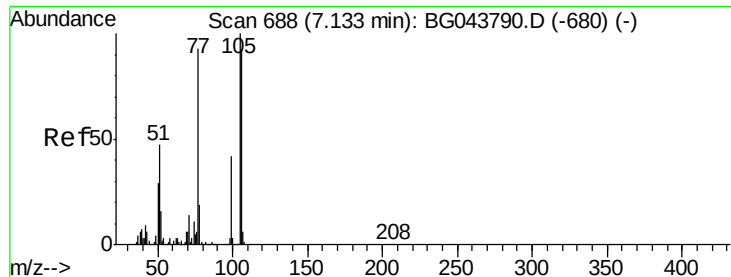
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 41.621 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampled :

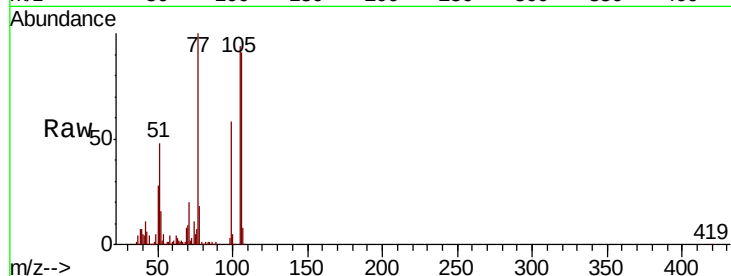
Tot Ion: 77 Resp: 268681

Ion Ratio Lower Upper

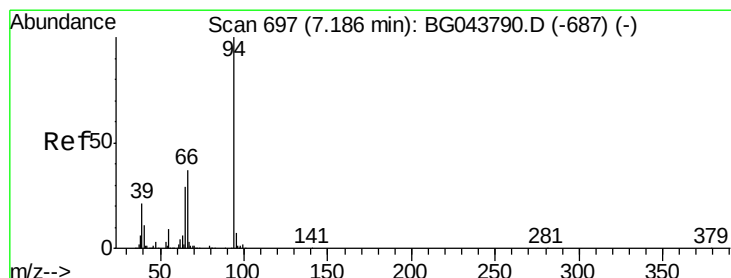
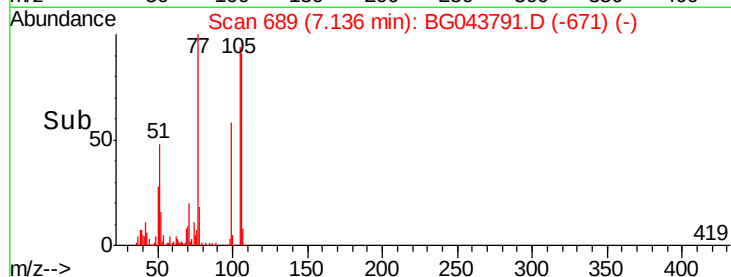
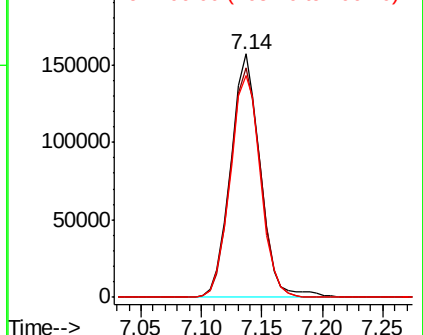
77 100

105 94.3 87.1 127.1

106 91.0 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: 47.873 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

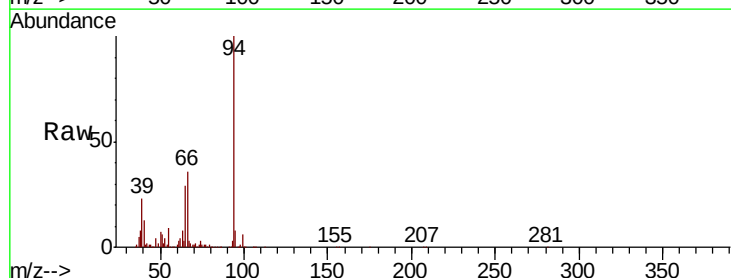
Tgt Ion: 94 Resp: 531128

Ion Ratio Lower Upper

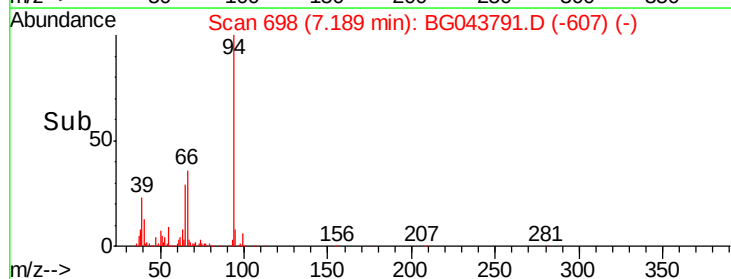
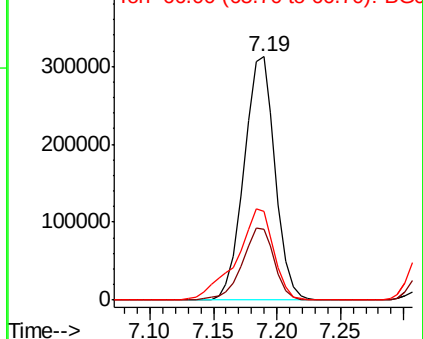
94 100

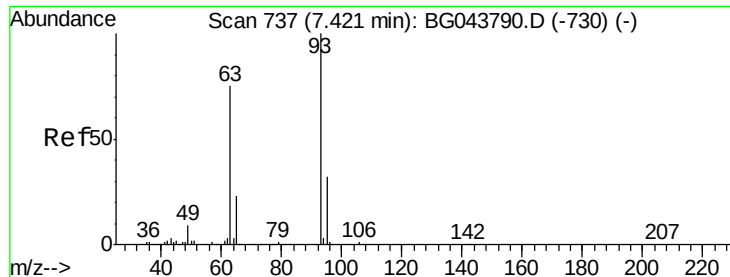
65 29.1 9.5 49.5

66 36.4 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

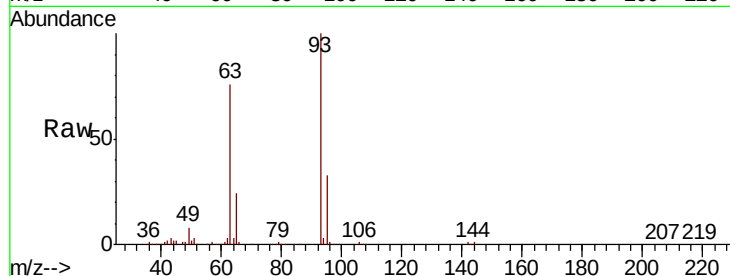




#11
 bis(2-Chloroethyl)ether
 Concen: 47.891 ng
 RT: 7.42 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	93	63	95
Resp:	443430		
Ion Ratio	100	76.4	32.5
Lower		54.7	11.3
Upper		94.7	51.3

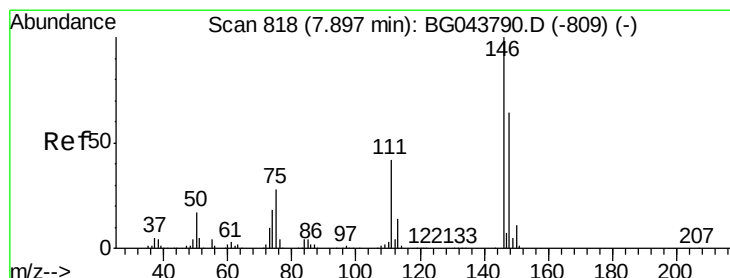
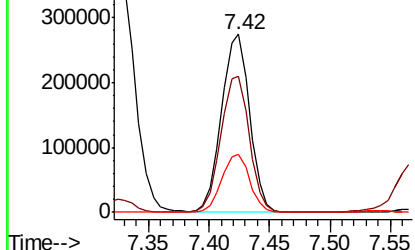
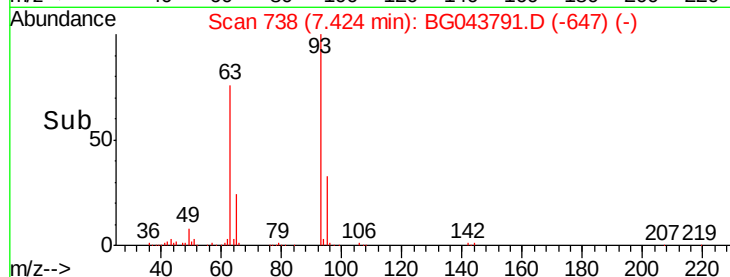


Abundance

Ion 93.00 (92.70 to 93.70): BGC

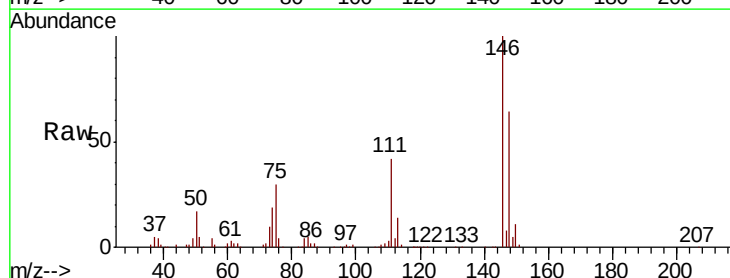
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
 1,3-Dichlorobenzene
 Concen: 49.584 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion	146	148	75
Resp:	494933		
Ion Ratio	100	63.7	30.3
Lower		51.4	22.4
Upper		77.2	33.6

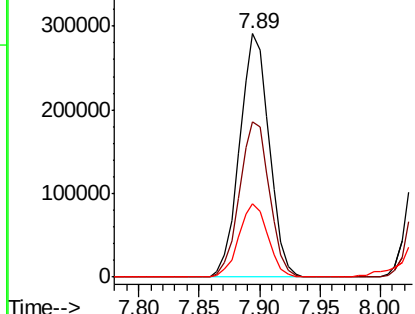
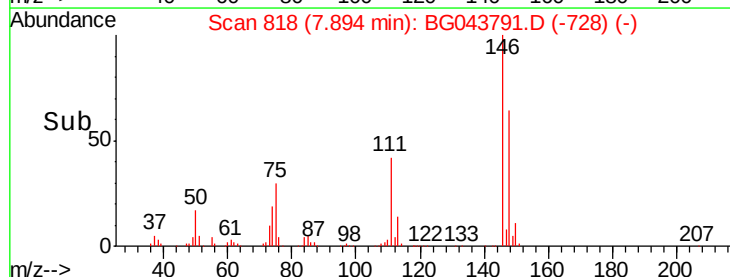


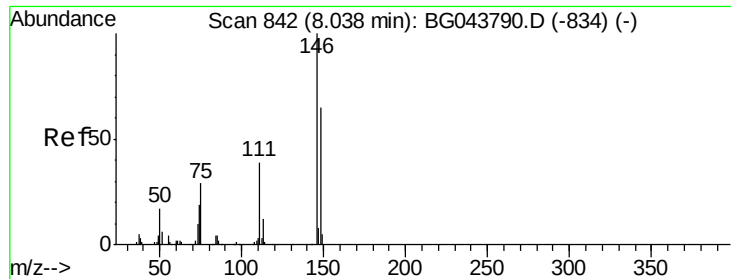
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

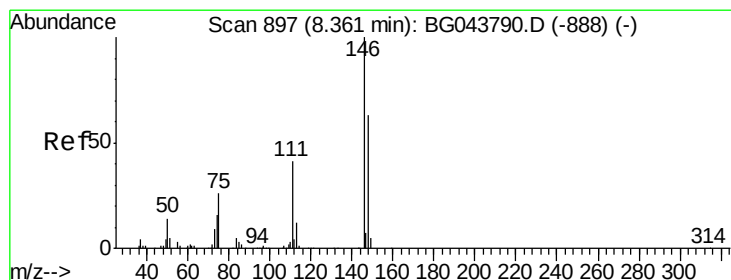
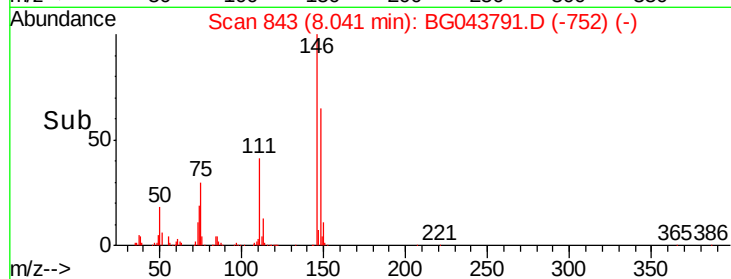
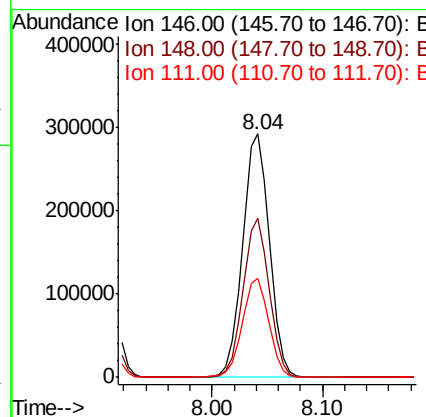
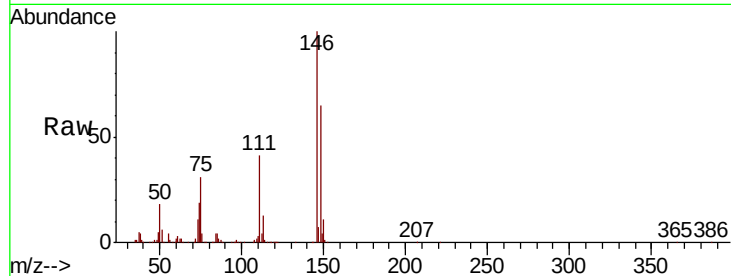




#13
 1,4-Dichlorobenzene
 Concen: 49.083 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

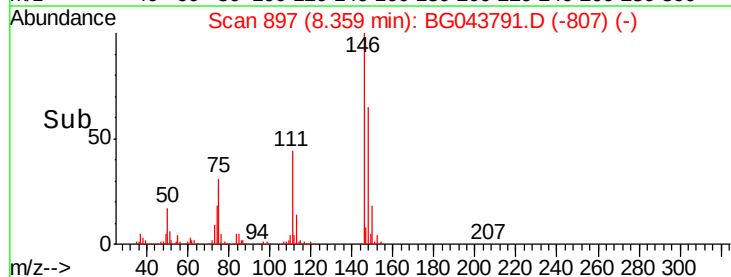
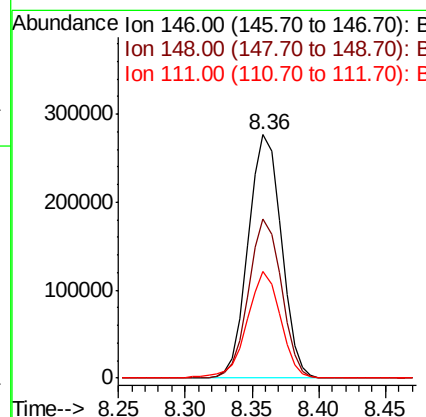
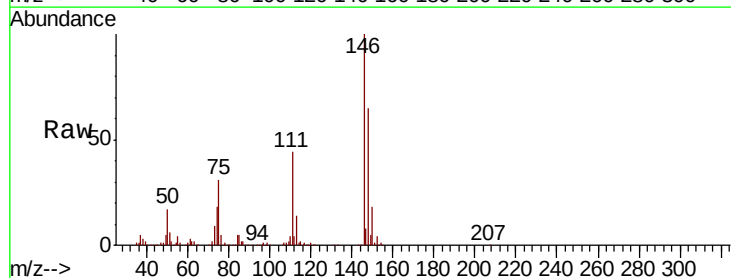
Instrument :
 BNA_G
 ClientSampleId :

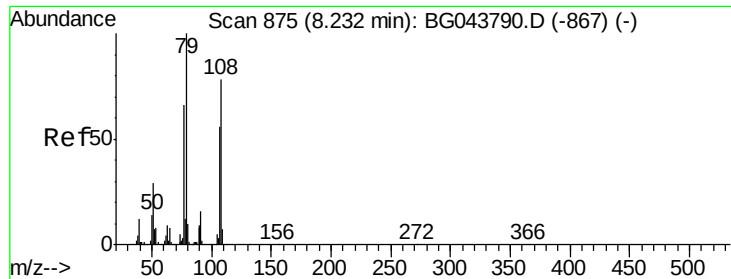
Tot Ion:146 Resp: 496240
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.8 77.8
 111 40.6 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 49.529 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion:146 Resp: 473800
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.2 75.2
 111 43.6 33.4 50.2

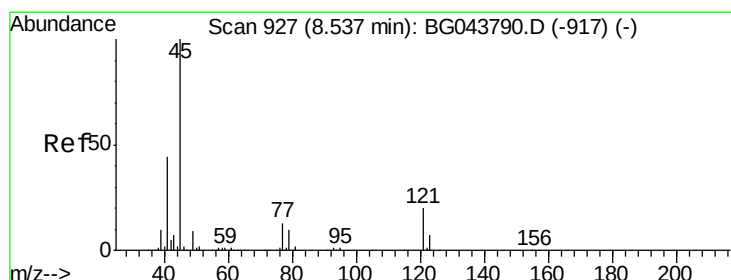
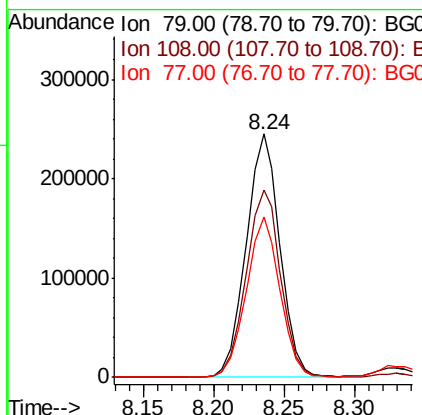
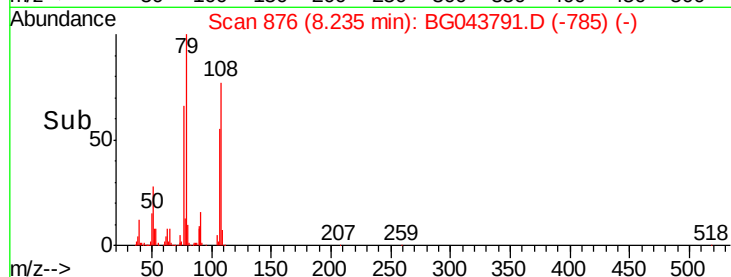
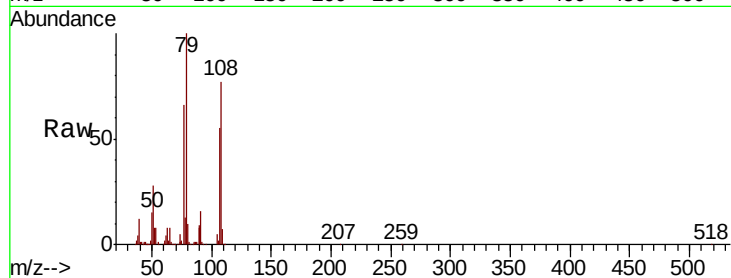




#15
Benzyl Alcohol
Concen: 45.463 ng
RT: 8.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

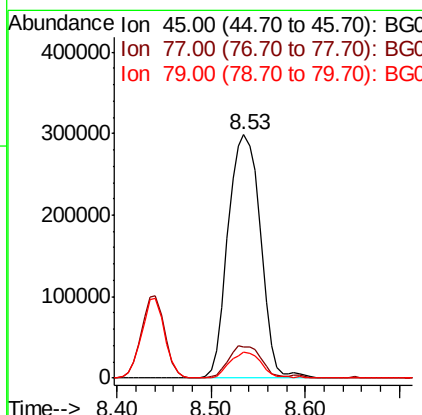
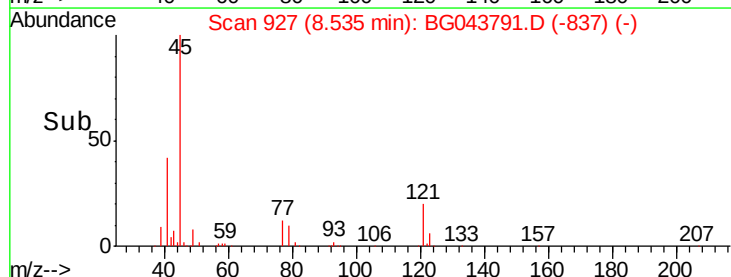
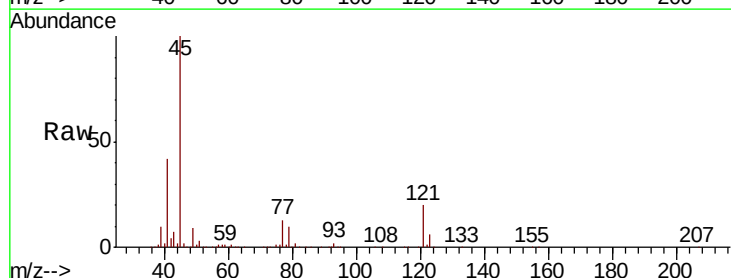
Instrument :
BNA_G
ClientSampleId :

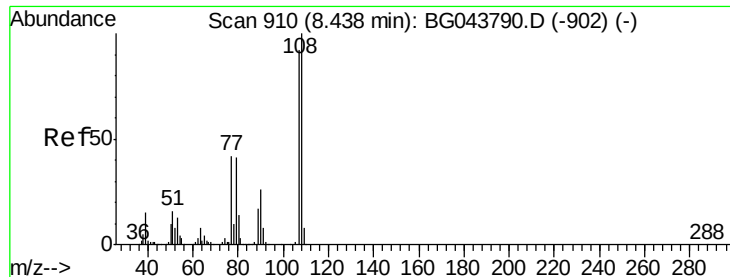
Tot Ion: 79 Resp: 410378
Ion Ratio Lower Upper
79 100
108 77.0 62.2 93.2
77 65.7 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.057 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion: 45 Resp: 717475
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.6
79 10.5 0.0 29.9

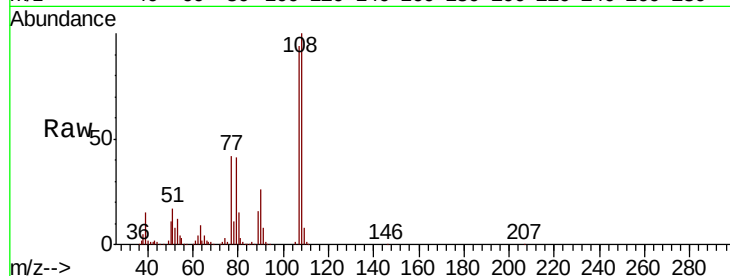




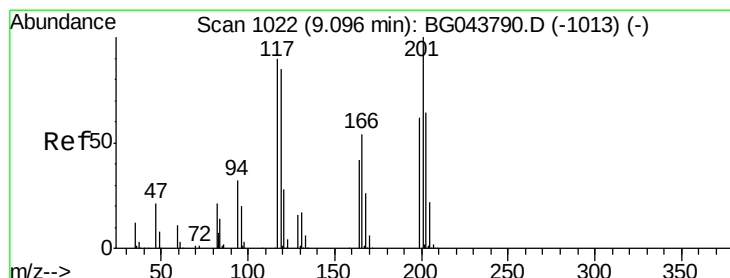
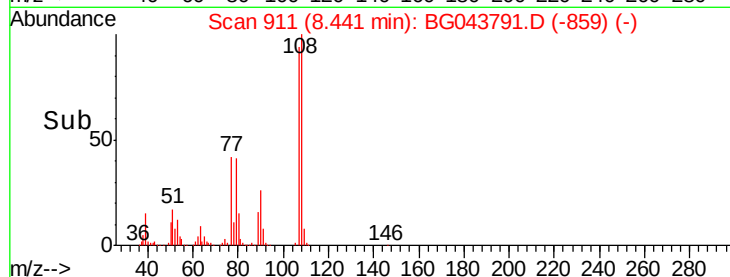
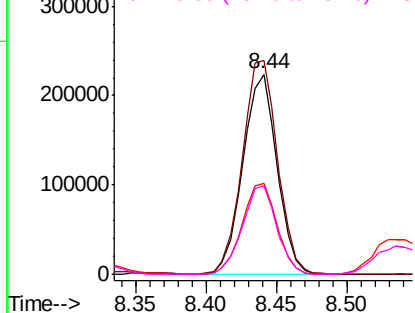
#17
2-Methylphenol
Concen: 47.960 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	380422
Ion	Ratio	Lower	Upper
107	100		
108	106.8	87.2	130.8
77	45.2	36.6	54.8
79	43.9	35.5	53.3

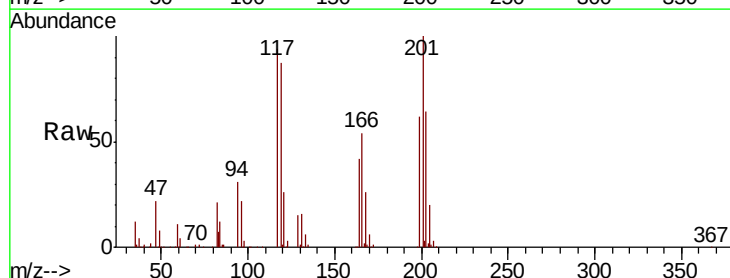


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

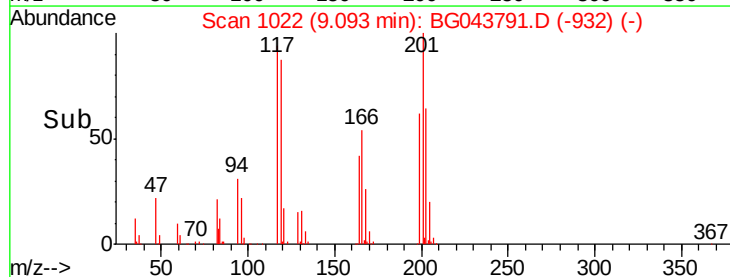
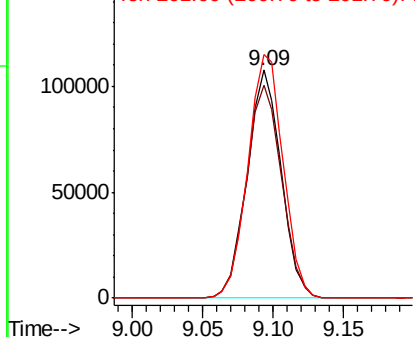


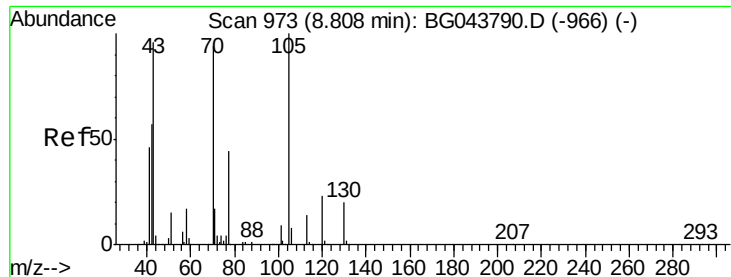
#18
Hexachloroethane
Concen: 47.623 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:	117	Resp:	181756
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.6	113.4
201	106.8	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

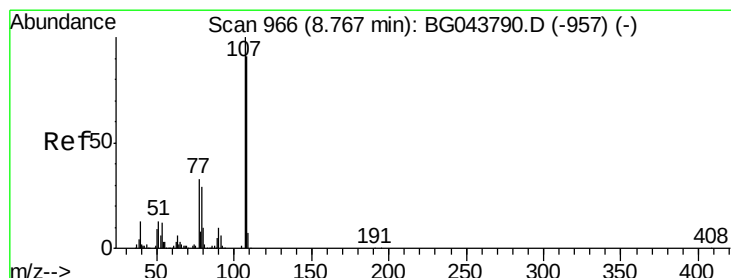
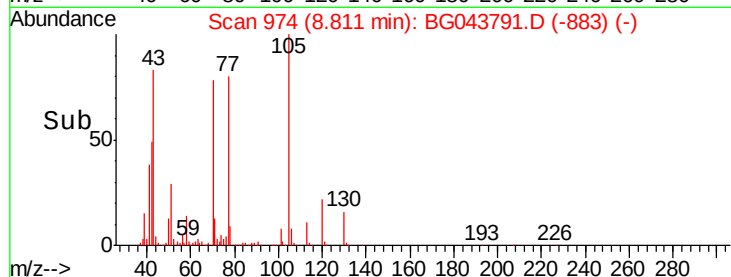
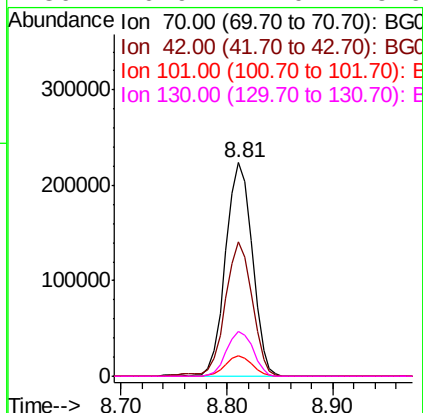
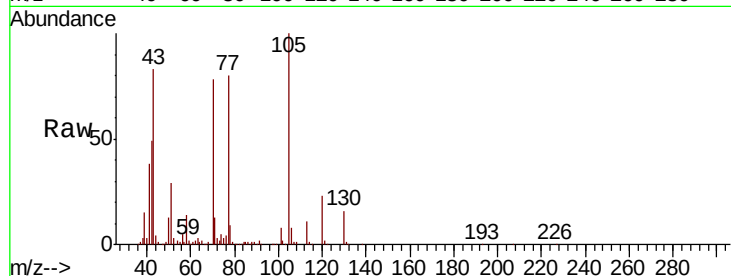




#19
n-Nitroso-di-n-propylamine
Concen: 45.973 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

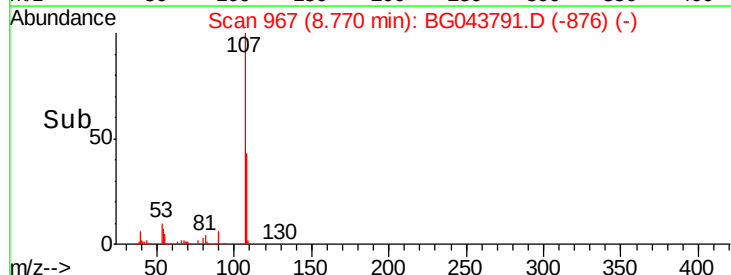
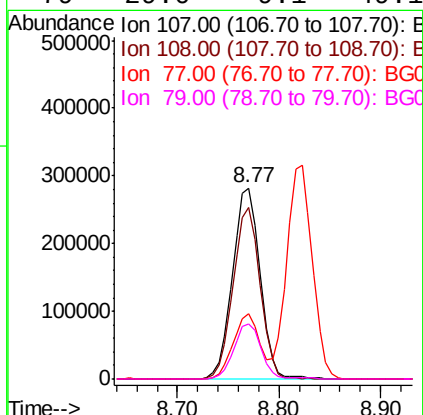
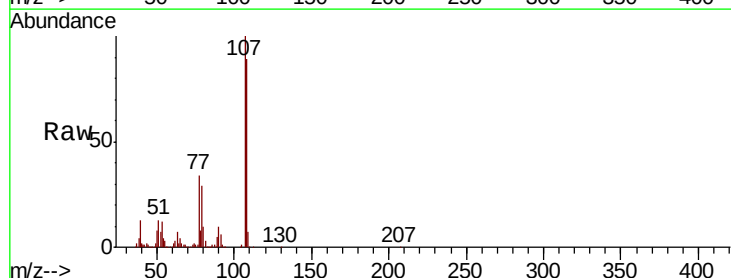
Instrument :
BNA_G
ClientSampleId :

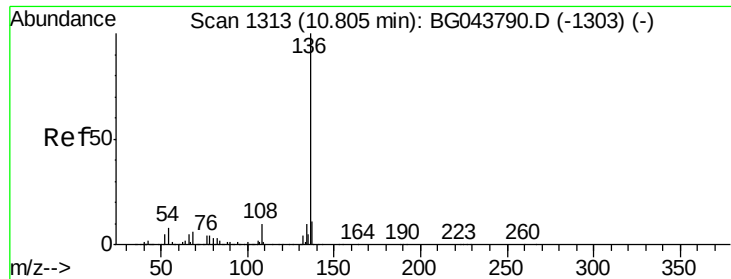
Tot Ion:	70	Resp:	390712
Ion	Ratio	Lower	Upper
70	100		
42	62.8	49.2	73.8
101	9.7	7.8	11.6
130	20.9	17.0	25.6



#20
3+4-Methylphenols
Concen: 48.230 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:	107	Resp:	533716
Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.9	110.9
77	34.3	12.7	52.7
79	29.0	9.1	49.1

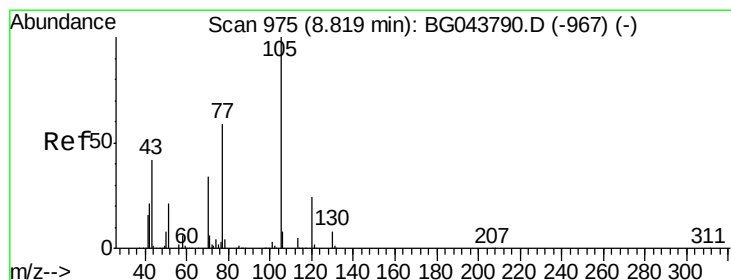
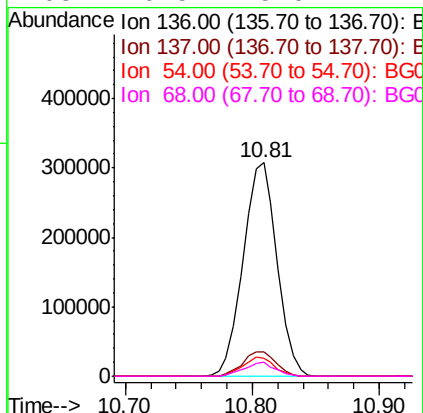
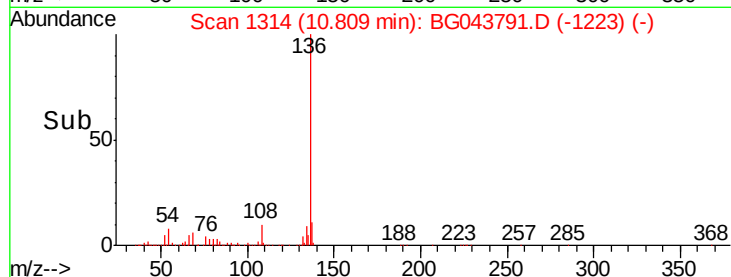
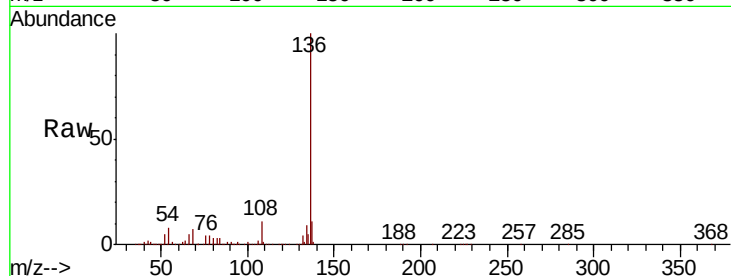




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

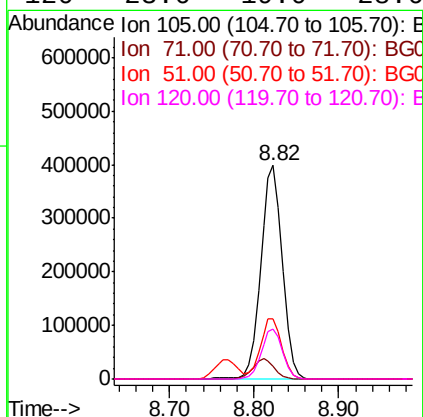
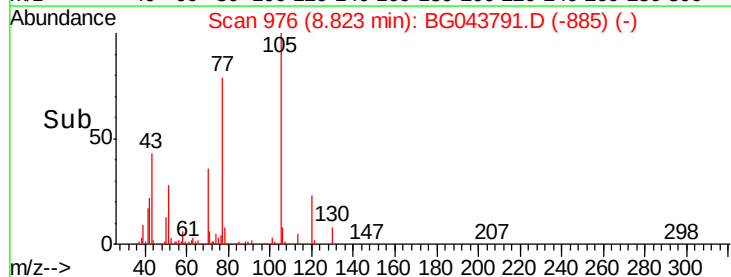
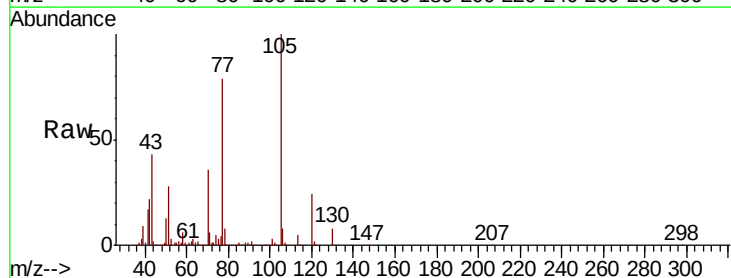
Instrument :
BNA_G
ClientSampleId :

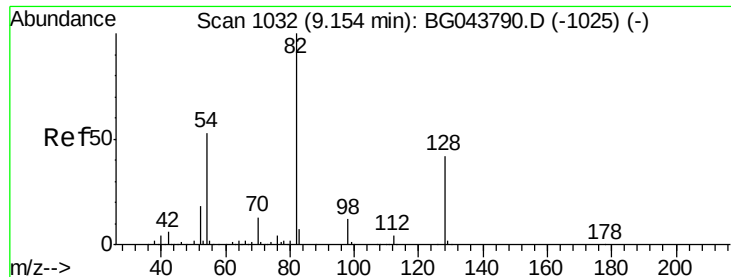
Tot Ion:136	Resp: 567719
Ion Ratio	Lower Upper
136 100	
137 11.1	8.7 13.1
54 8.4	6.8 10.2
68 6.5	5.0 7.4



#22
Acetophenone
Concen: 47.040 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:105	Resp: 707811
Ion Ratio	Lower Upper
105 100	
71 6.1	4.9 7.3
51 28.5	22.2 33.4
120 23.6	19.0 28.6

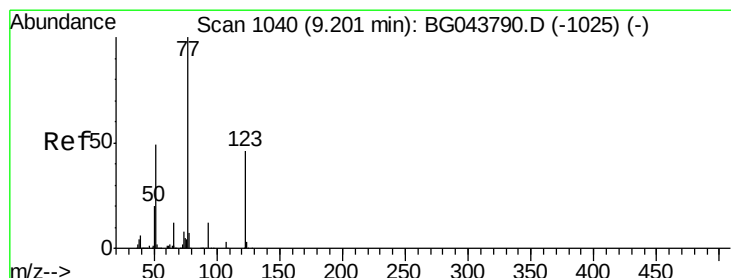
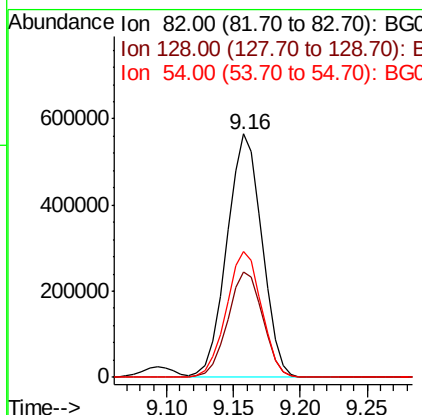
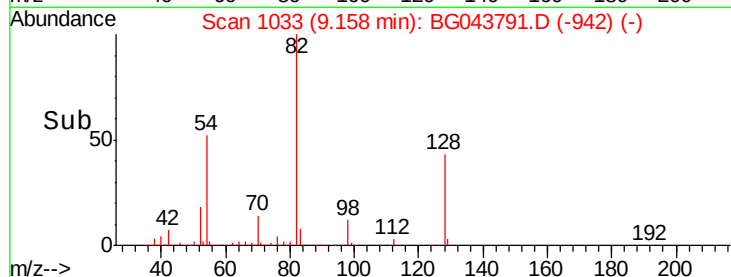
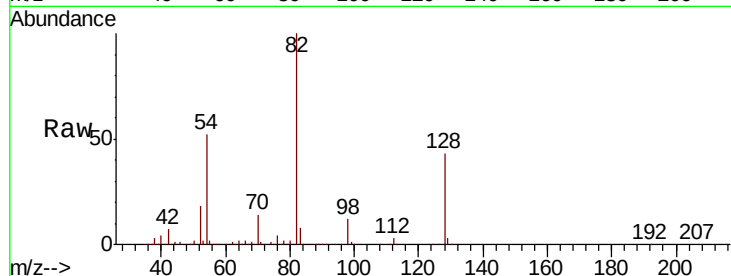




#23
 Nitrobenzene-d5
 Concen: 100.093 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

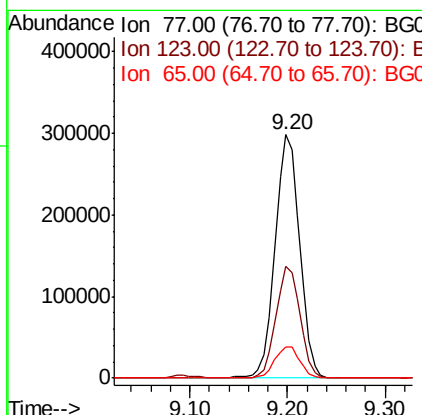
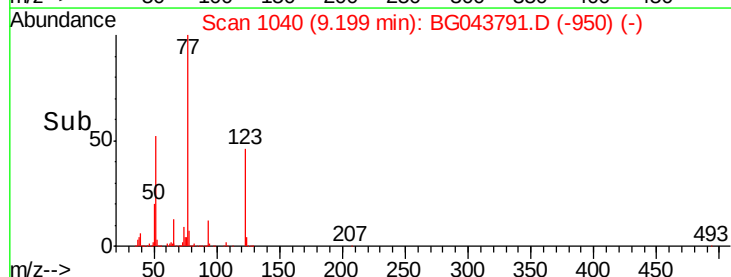
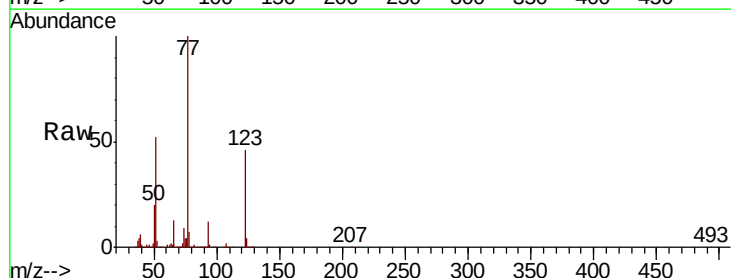
Instrument :
 BNA_G
 ClientSampleId :

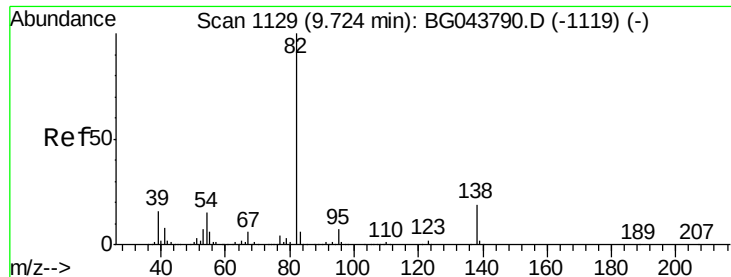
Tot Ion: 82 Resp: 1033504
 Ion Ratio Lower Upper
 82 100
 128 43.5 33.6 50.4
 54 51.8 42.1 63.1



#24
 Nitrobenzene
 Concen: 49.100 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion: 77 Resp: 521120
 Ion Ratio Lower Upper
 77 100
 123 45.7 36.6 55.0
 65 12.8 9.8 14.6





#25

Isophorone

Concen: 46.017 ng

RT: 9.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

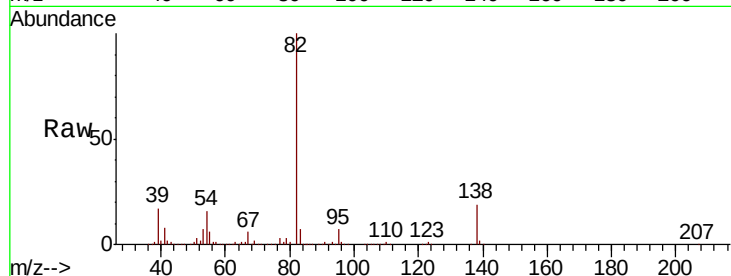
Tot Ion: 82 Resp: 1018822

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

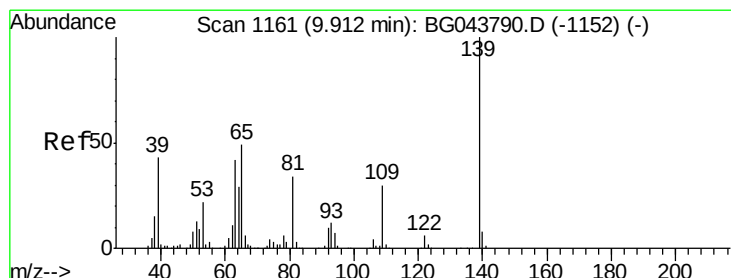
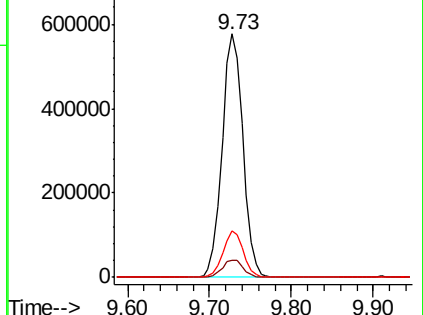
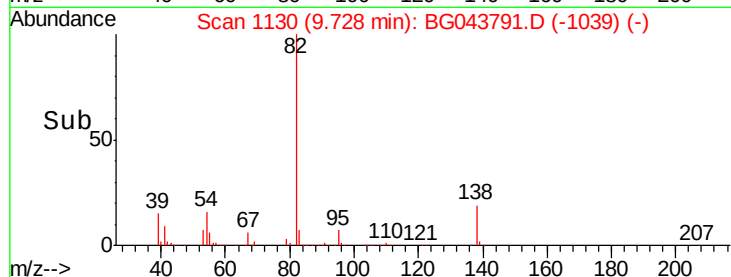
138 19.1 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BG043791.D (-1130) (-)

Ion 95.00 (94.70 to 95.70): BG043791.D (-1130) (-)

Ion 138.00 (137.70 to 138.70): BG043791.D (-1130) (-)



#26

2-Nitrophenol

Concen: 51.207 ng

RT: 9.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

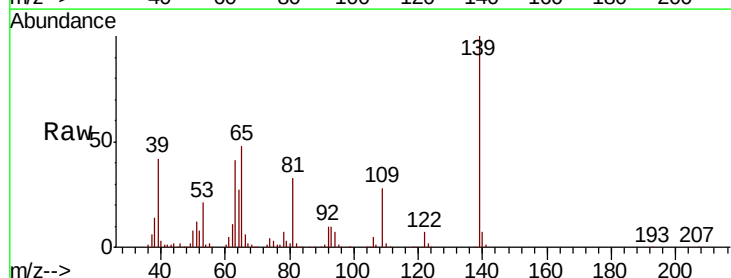
Tgt Ion: 139 Resp: 196082

Ion Ratio Lower Upper

139 100

109 28.5 23.9 35.9

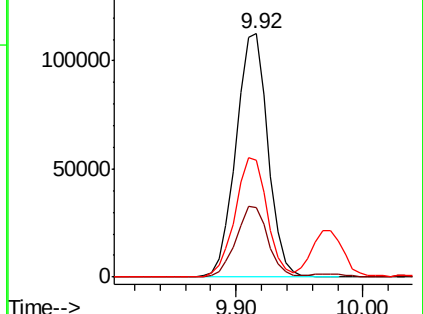
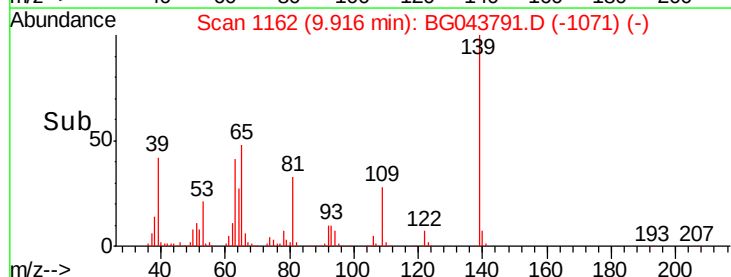
65 48.1 39.3 58.9

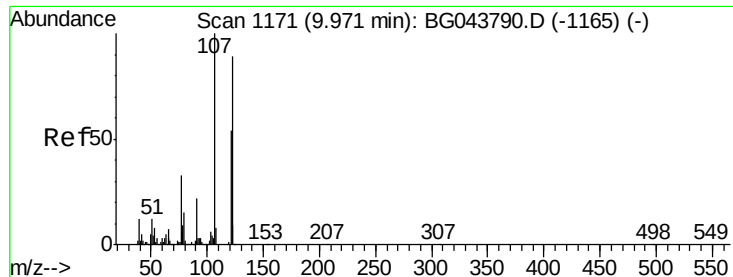


Abundance Ion 139.00 (138.70 to 139.70): BG043791.D (-1162) (-)

Ion 109.00 (108.70 to 109.70): BG043791.D (-1162) (-)

Ion 65.00 (64.70 to 65.70): BG043791.D (-1162) (-)





#27

2,4-Dimethylphenol

Concen: 48.332 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

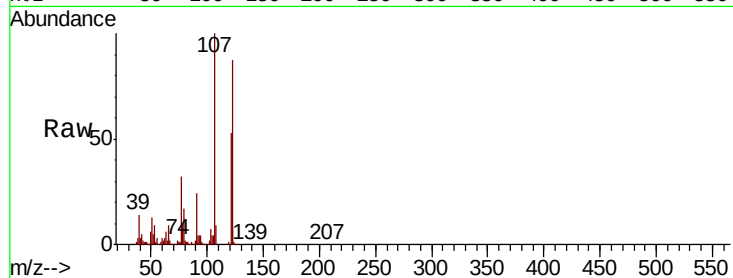
Tot Ion:122 Resp: 363407

Ion Ratio Lower Upper

122 100

107 115.1 90.0 135.0

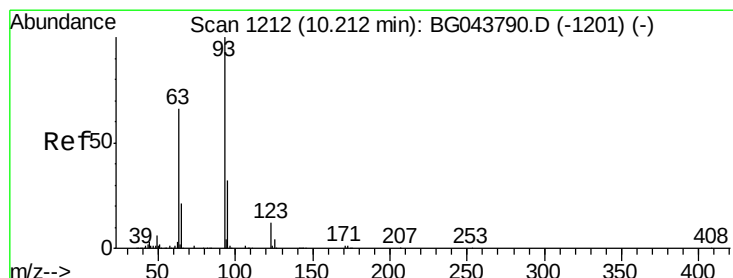
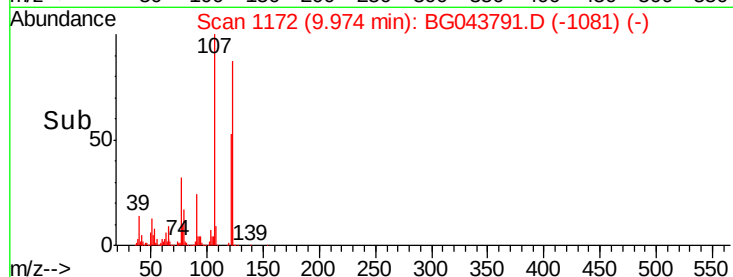
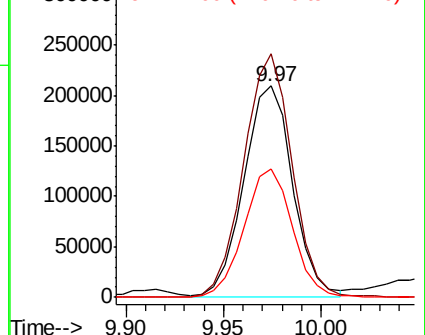
121 61.0 48.6 73.0



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: 47.714 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

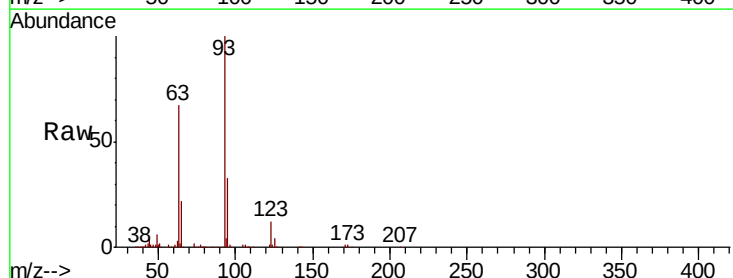
Tgt Ion: 93 Resp: 651094

Ion Ratio Lower Upper

93 100

95 32.6 25.7 38.5

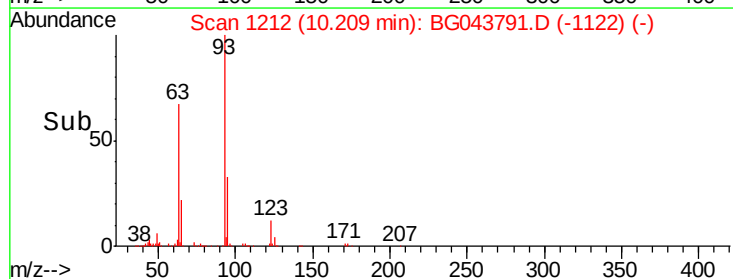
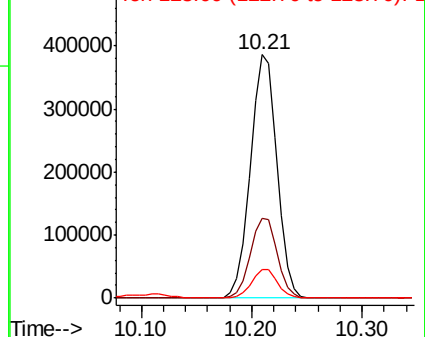
123 11.9 9.5 14.3

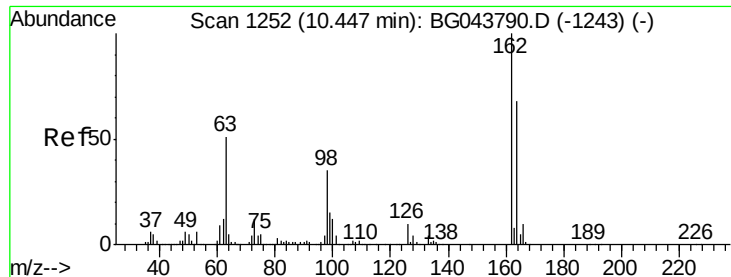


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

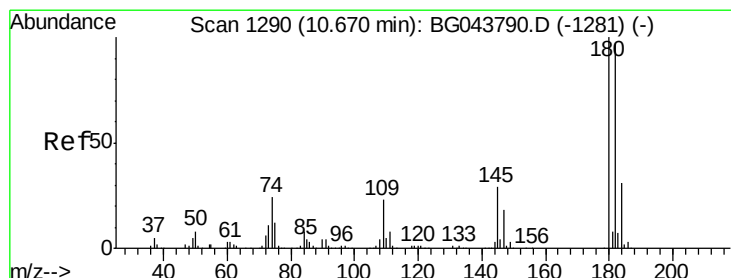
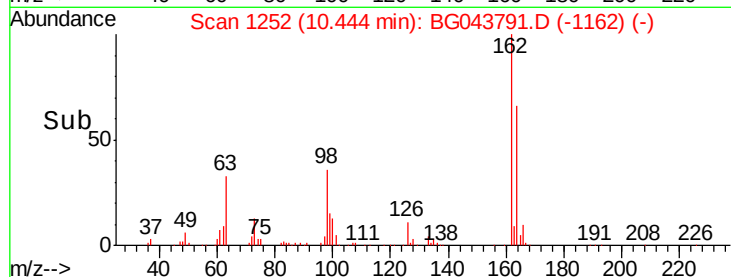
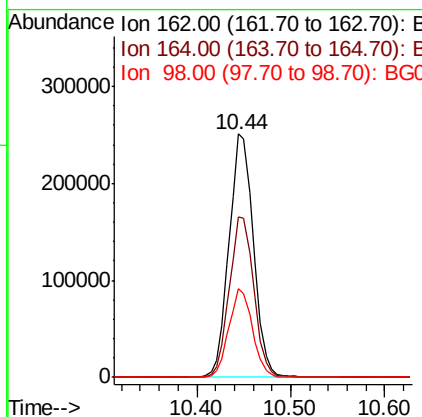
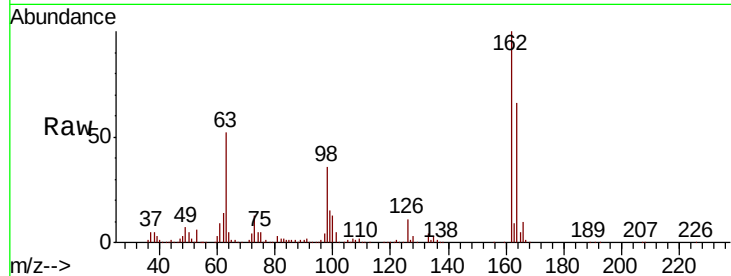




#29
 2,4-Dichlorophenol
 Concen: 49.560 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

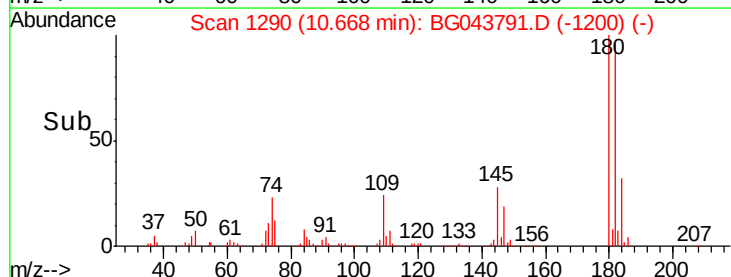
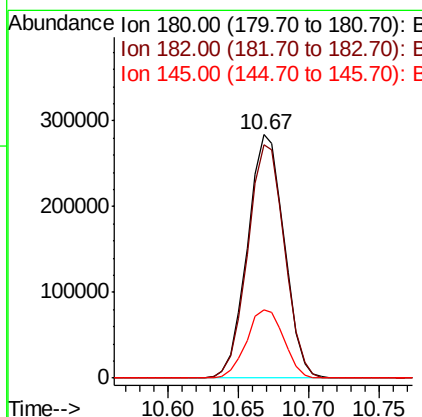
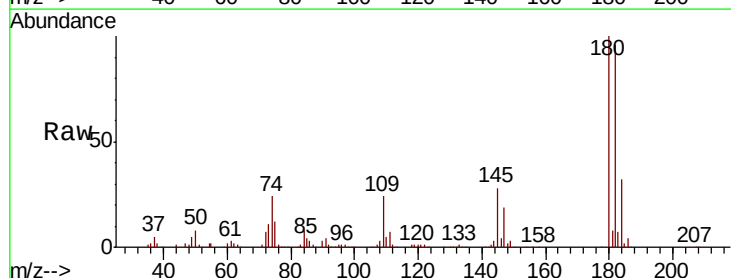
Instrument :
 BNA_G
 ClientSampleId :

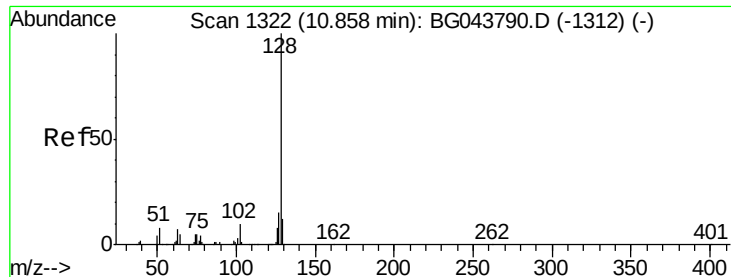
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	48.0	88.0
98	36.5	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 48.302 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.8	116.8
145	28.1	23.0	34.6

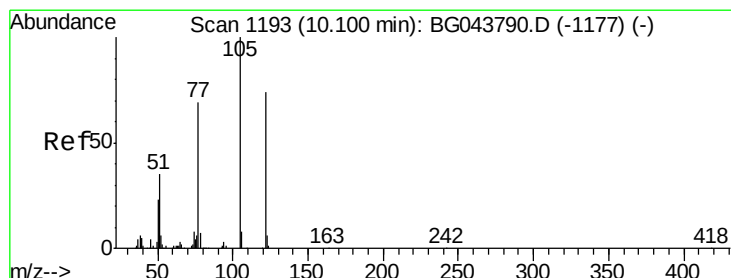
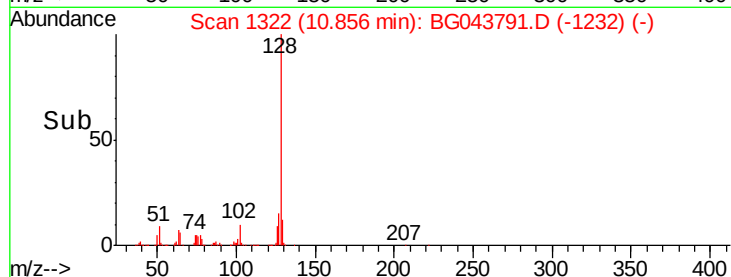
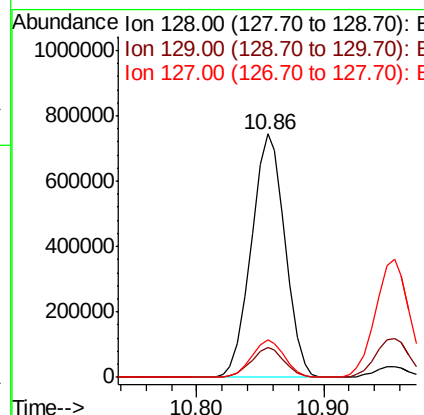
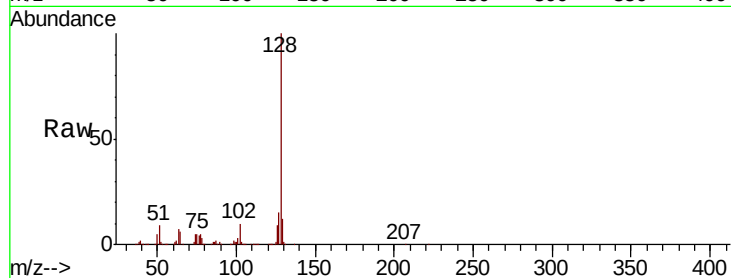




#31
Naphthalene
Concen: 48.610 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

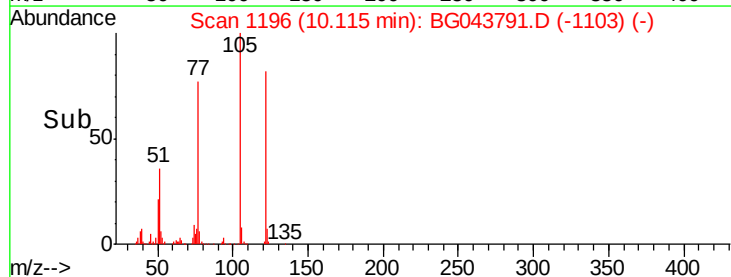
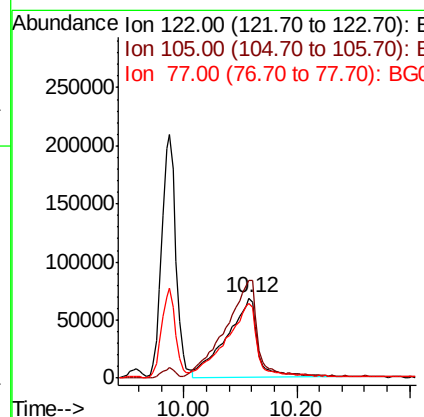
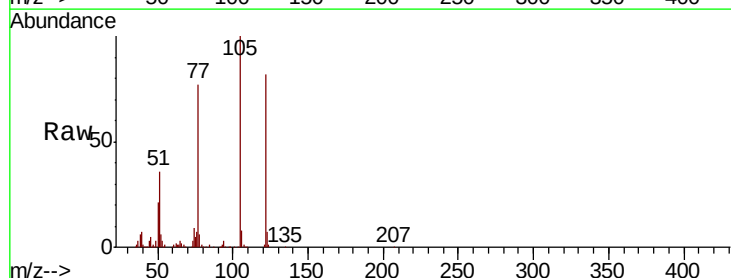
Instrument :
BNA_G
ClientSampled :

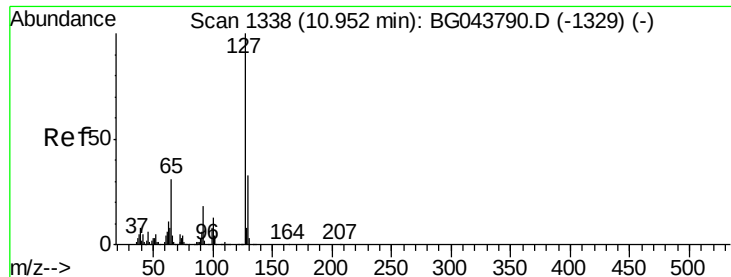
Tot Ion:128 Resp: 1368972
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 15.4 11.9 17.9



#32
Benzoic acid
Concen: 48.918 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.02 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:122 Resp: 265244
Ion Ratio Lower Upper
122 100
105 121.8 107.5 147.5
77 93.7 71.7 111.7

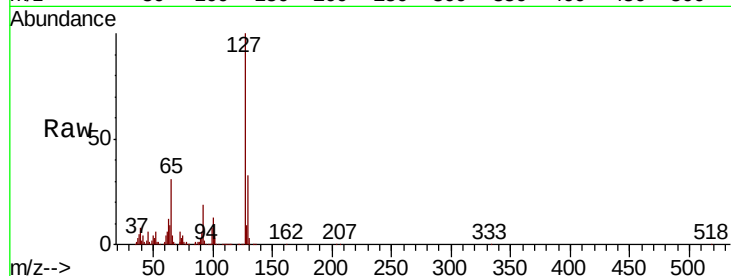




#33
4-Chloroaniline
Concen: 49.248 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	668207
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	31.0	24.4	36.6
92	19.5	14.6	22.0



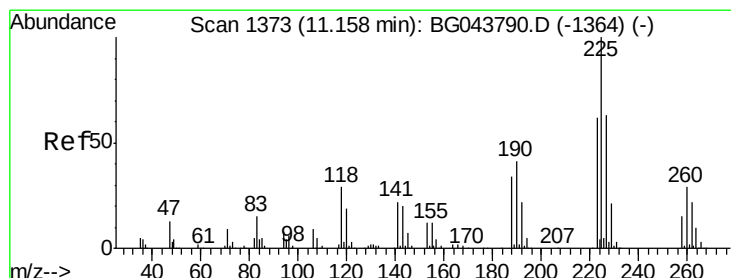
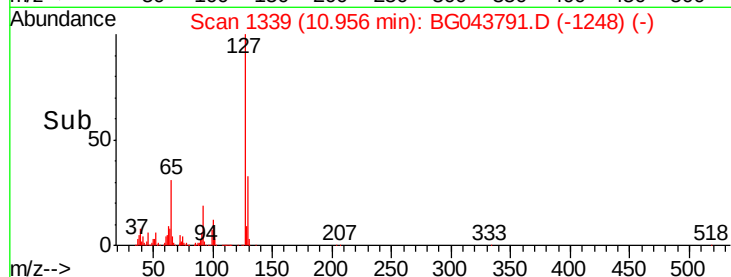
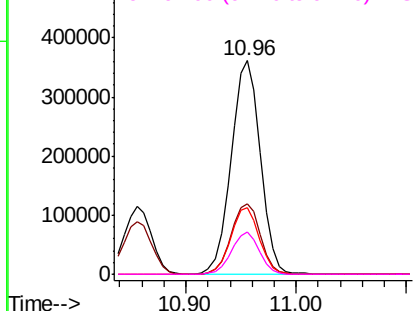
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

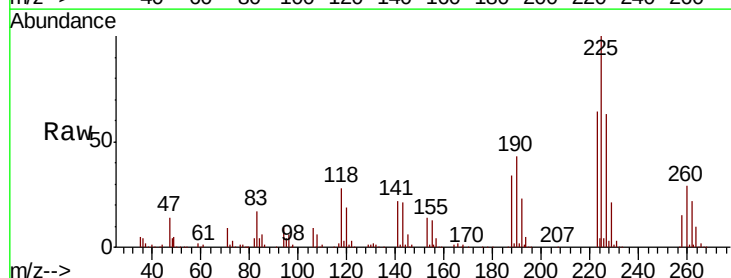
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 45.294 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:	225	Resp:	319032
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.3	73.9
227	63.5	50.2	75.2

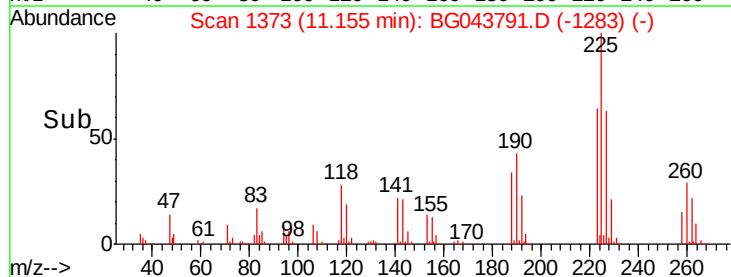
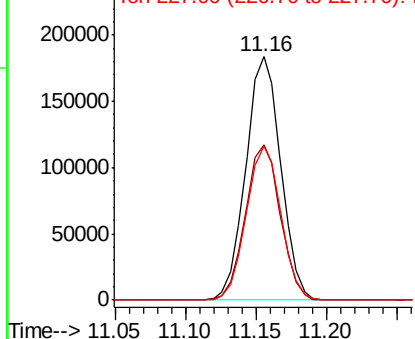


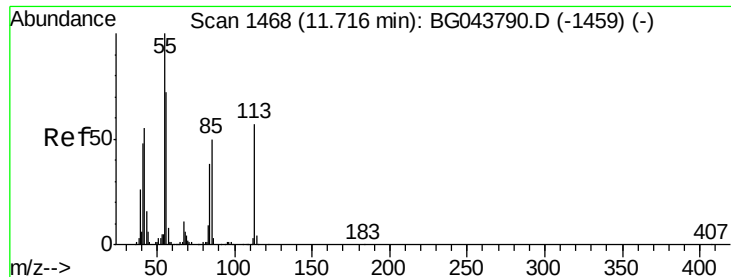
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

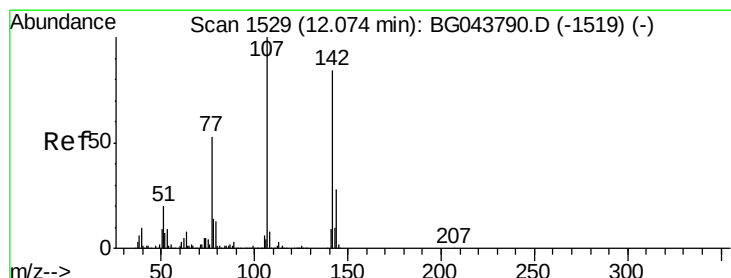
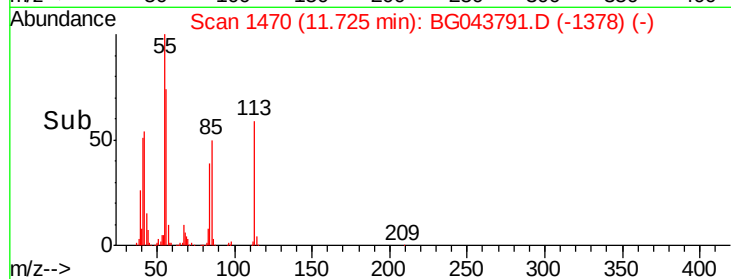
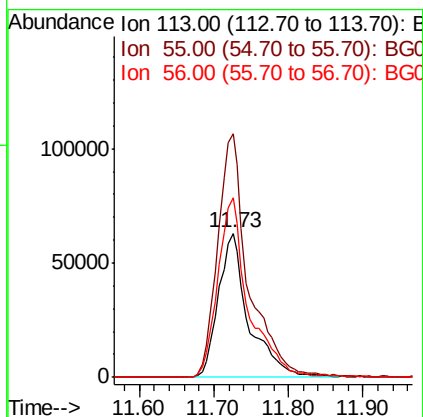
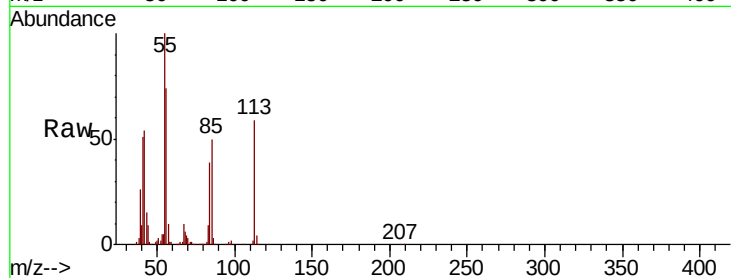




#35
 Caprolactam
 Concen: 47.931 ng
 RT: 11.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

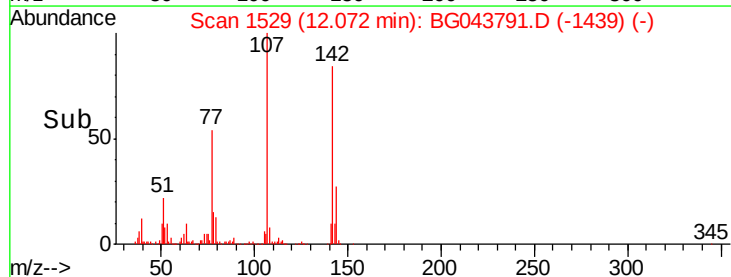
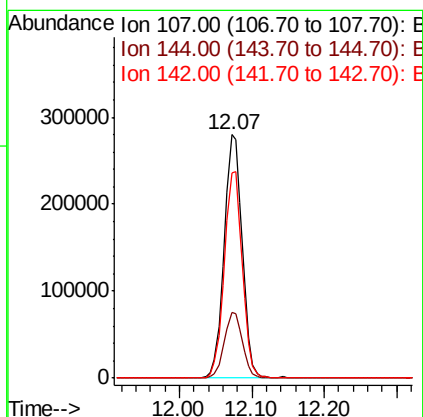
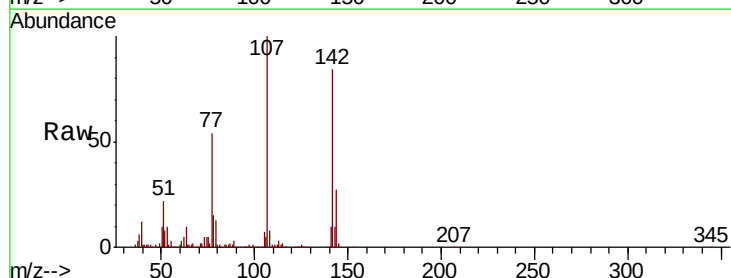
Instrument :
 BNA_G
 ClientSampleId :

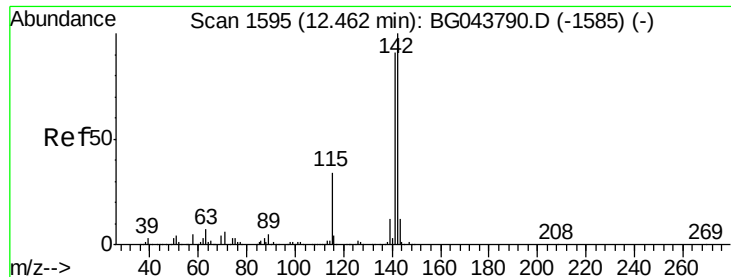
Tot Ion:113 Resp: 178152
 Ion Ratio Lower Upper
 113 100
 55 169.0 154.2 194.2
 56 124.3 105.6 145.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.378 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion:107 Resp: 486690
 Ion Ratio Lower Upper
 107 100
 144 26.9 22.2 33.4
 142 84.1 67.0 100.6

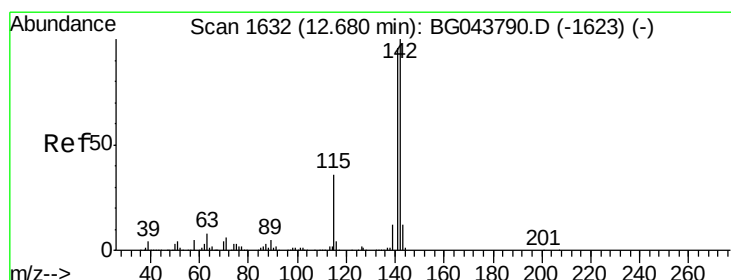
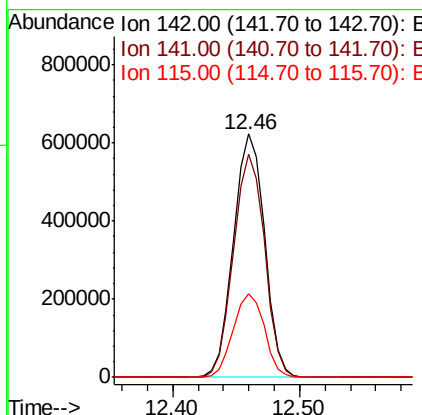
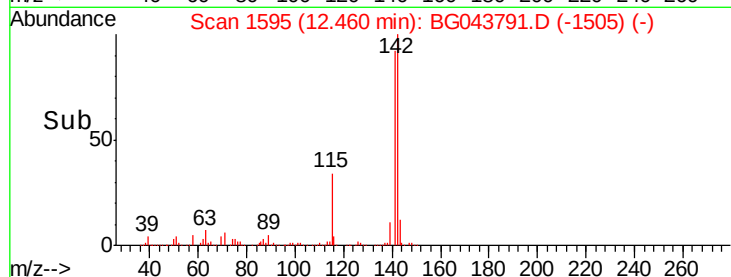
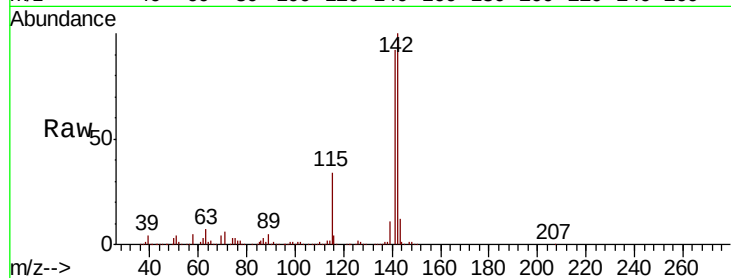




#37
2-Methylnaphthalene
Concen: 49.870 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

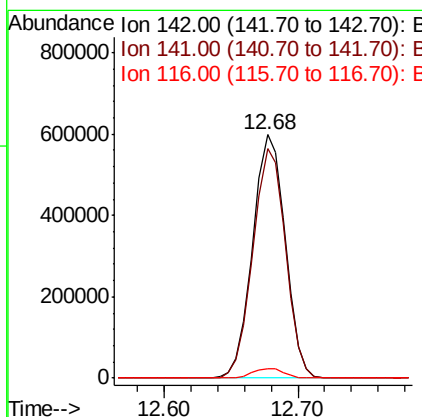
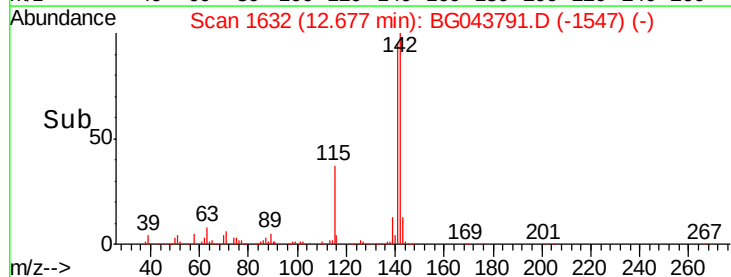
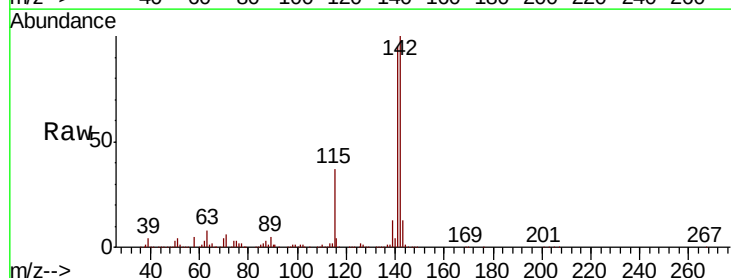
Instrument :
BNA_G
ClientSampleId :

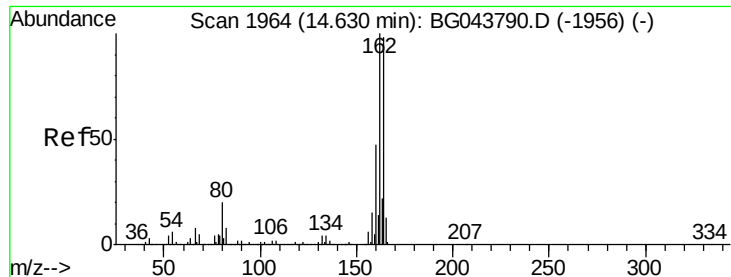
Tot Ion:142 Resp: 1058378
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8
115 34.5 27.3 40.9



#38
1-Methylnaphthalene
Concen: 50.009 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:142 Resp: 1007275
Ion Ratio Lower Upper
142 100
141 94.5 76.9 115.3
116 4.1 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: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

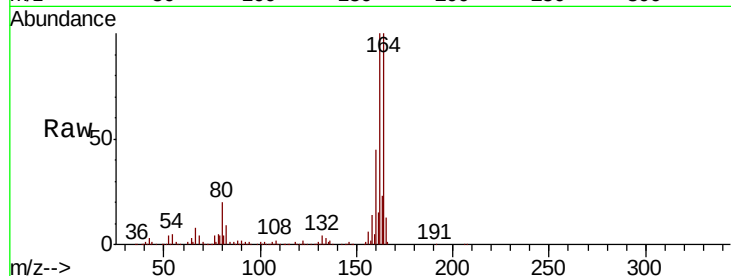
Tot Ion:164 Resp: 395606

Ion Ratio Lower Upper

164 100

162 100.1 81.9 122.9

160 44.6 38.3 57.5

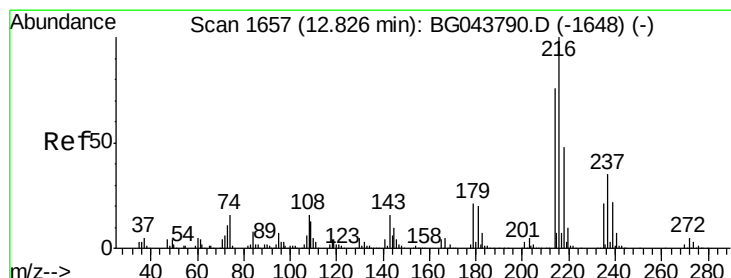
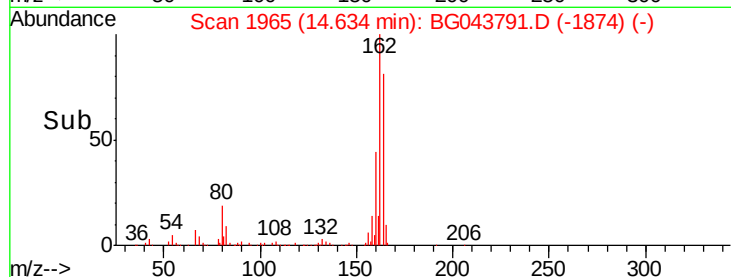
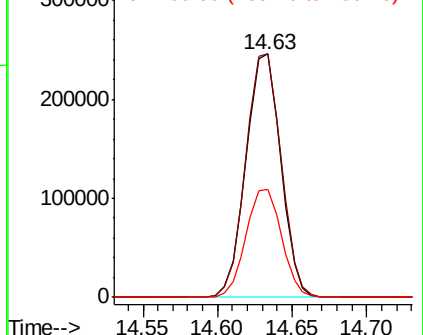


Abundance

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: 46.842 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:216 Resp: 589654

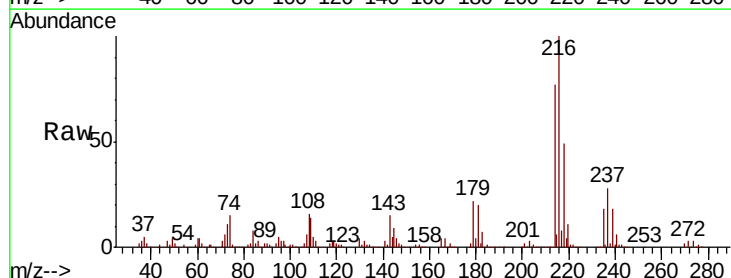
Ion Ratio Lower Upper

216 100

214 77.7 62.2 93.4

179 21.5 16.6 25.0

108 16.9 13.7 20.5



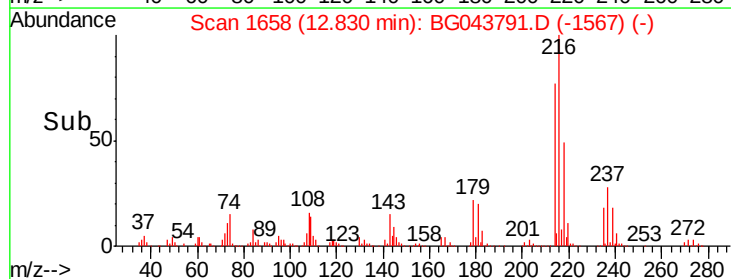
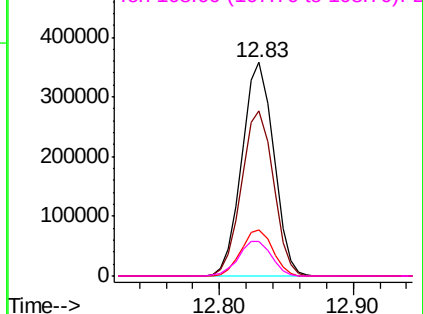
Abundance

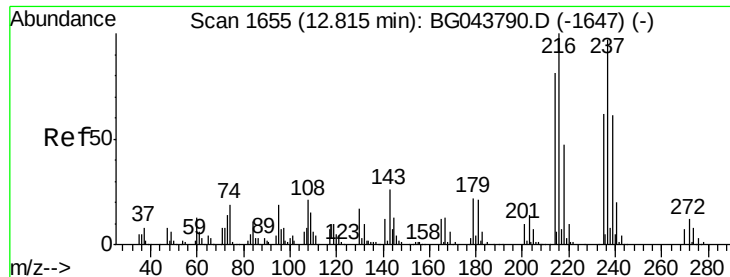
Ion 216.00 (215.70 to 216.70): E

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: 42.047 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

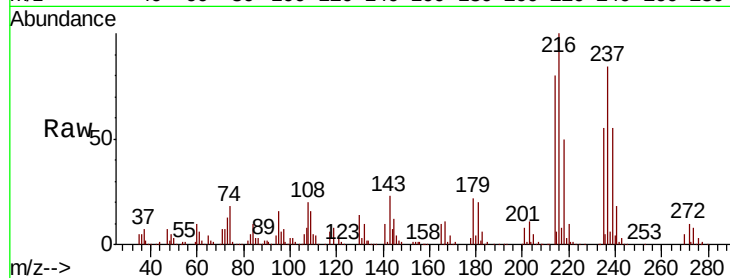
Tot Ion:237 Resp: 285964

Ion Ratio Lower Upper

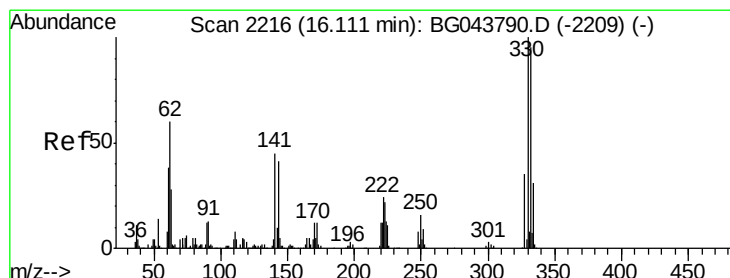
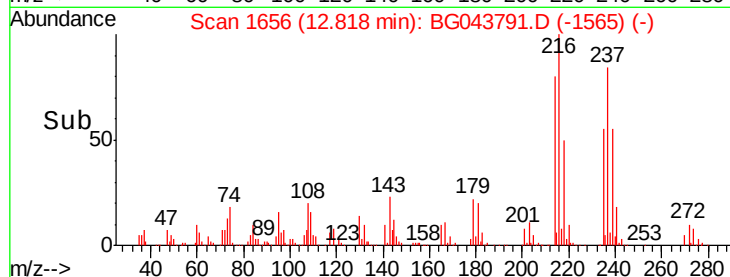
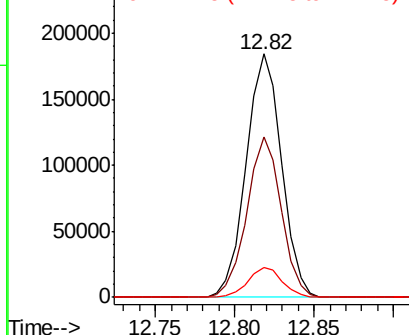
237 100

235 66.1 43.9 83.9

272 12.4 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: 82.017 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

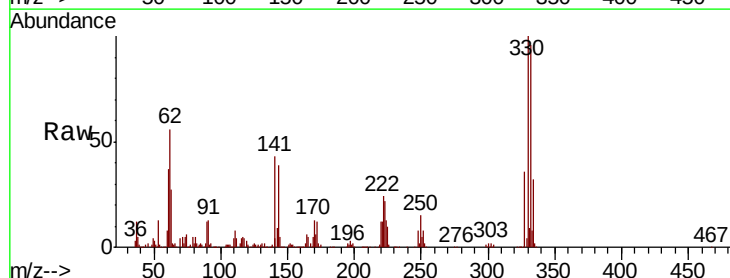
Tgt Ion:330 Resp: 391354

Ion Ratio Lower Upper

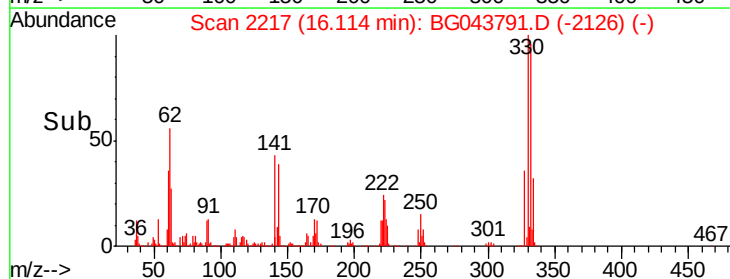
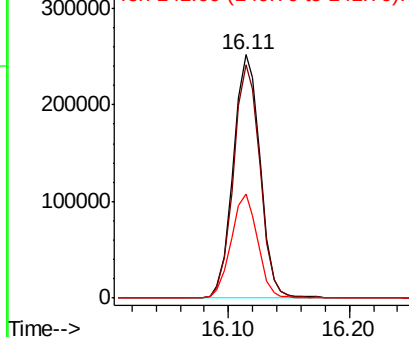
330 100

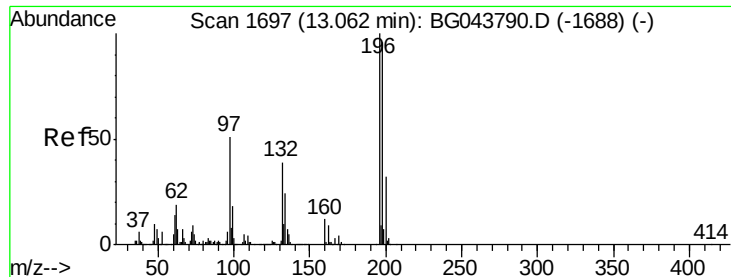
332 95.0 76.9 115.3

141 42.1 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

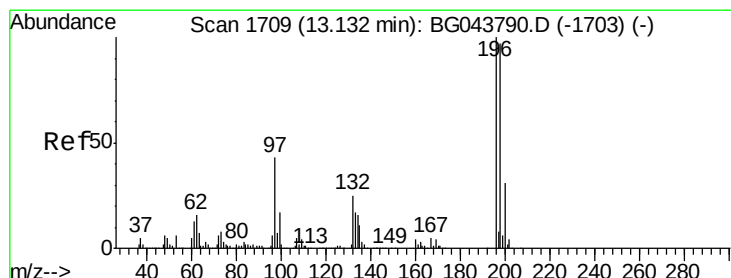
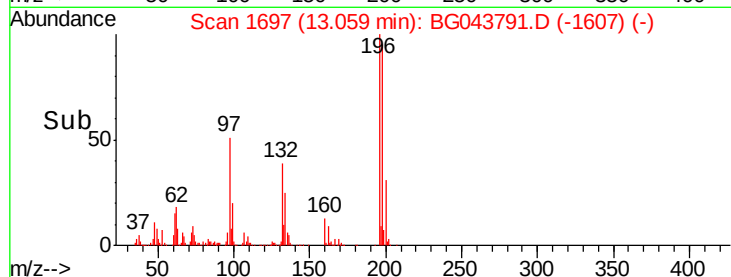
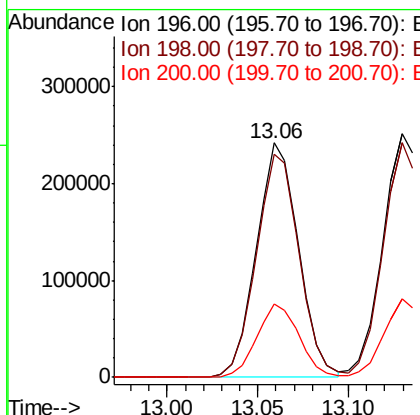
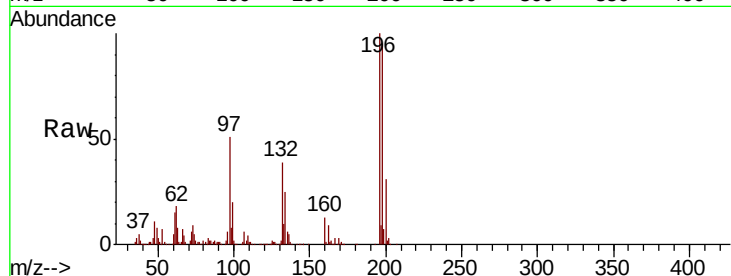




#43
 2,4,6-Trichlorophenol
 Concen: 48.179 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

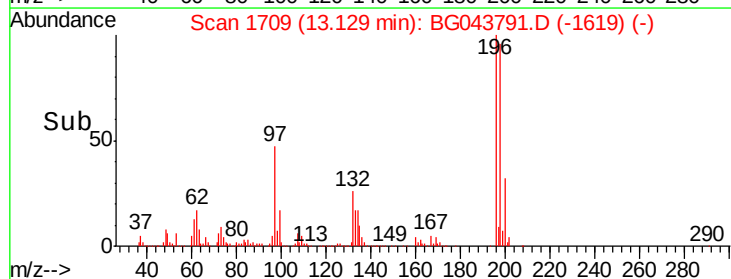
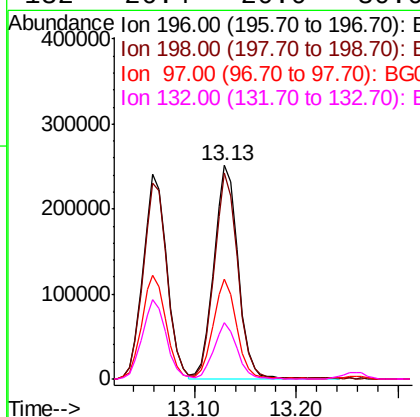
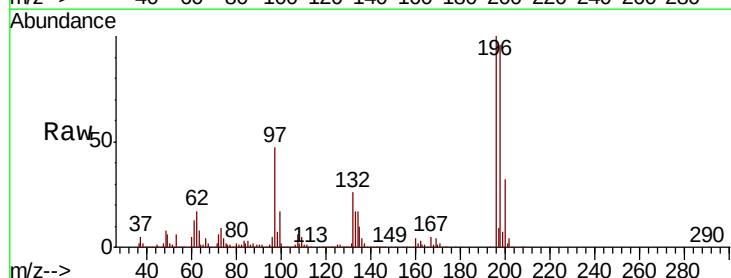
Instrument :
 BNA_G
 ClientSampleId :

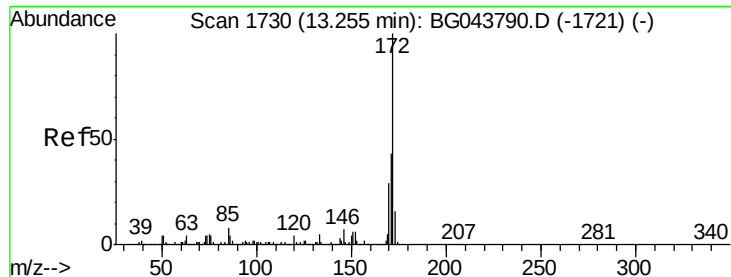
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.0	115.6
200	31.3	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 48.967 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.4	116.0
97	46.7	34.7	52.1
132	26.4	20.0	30.0

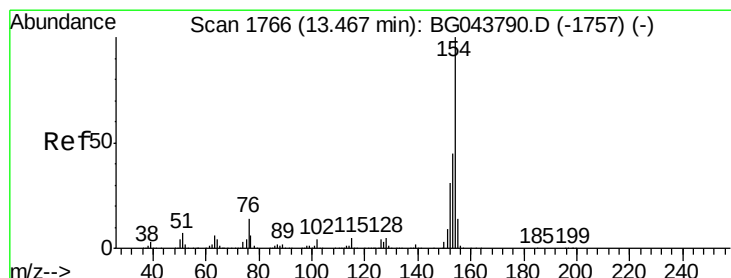
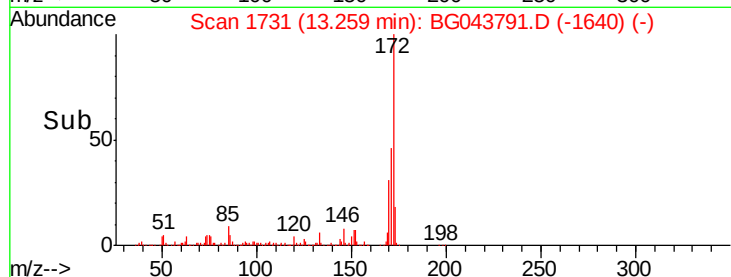
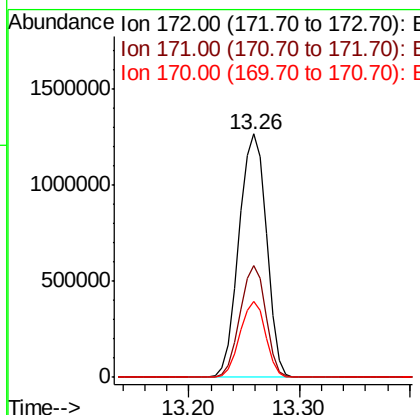
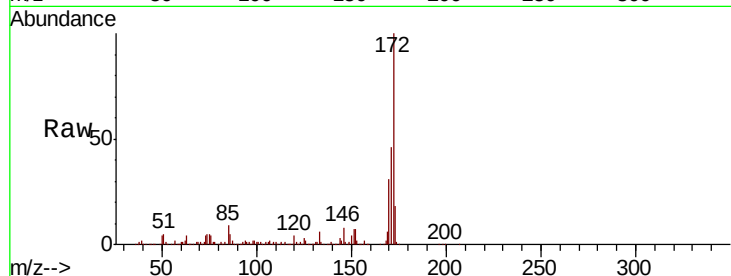




#45
2-Fluorobiphenyl
Concen: 92.254 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

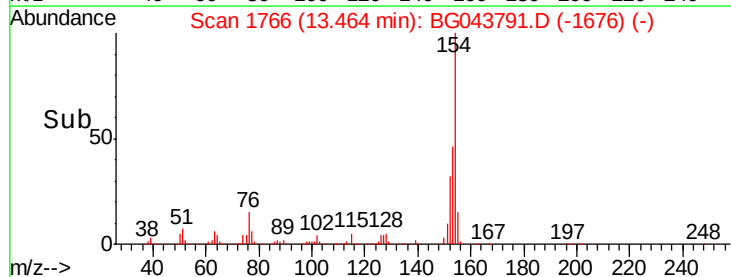
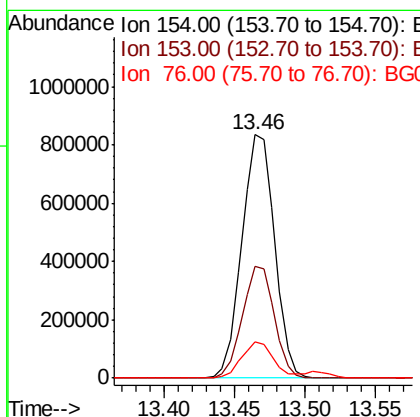
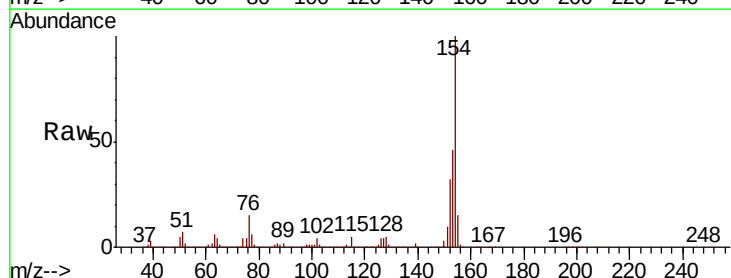
Instrument :
BNA_G
ClientSampleId :

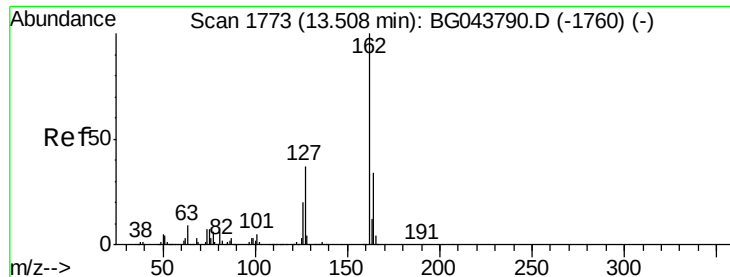
Tot Ion:172 Resp: 2220241
Ion Ratio Lower Upper
172 100
171 46.0 34.6 51.8
170 31.2 23.3 34.9



#46
1,1'-Biphenyl
Concen: 49.356 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:154 Resp: 1353435
Ion Ratio Lower Upper
154 100
153 45.7 24.5 64.5
76 14.8 0.0 33.9





#47

2-Chloronaphthalene

Concen: 49.391 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

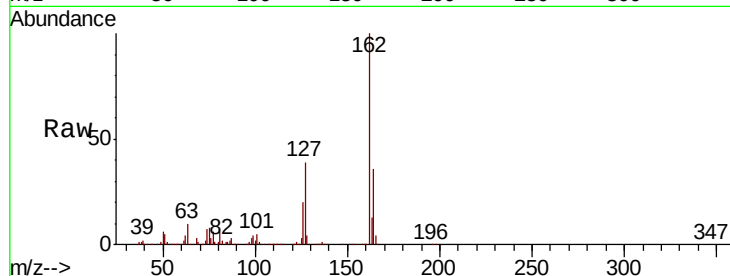
Tot Ion:162 Resp: 1104507

Ion Ratio Lower Upper

162 100

127 38.6 30.0 45.0

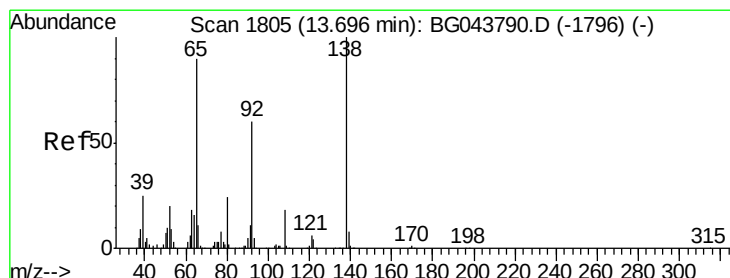
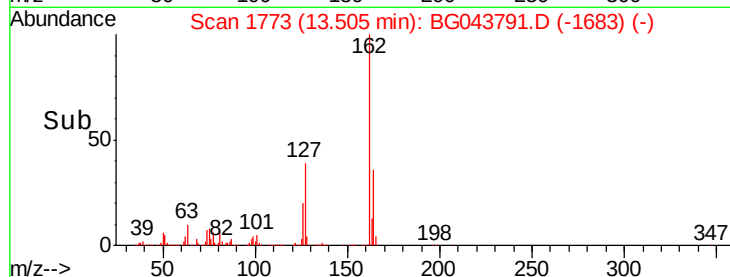
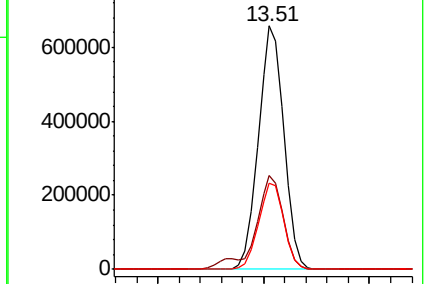
164 35.6 27.6 41.4



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: 52.820 ng

RT: 13.70 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

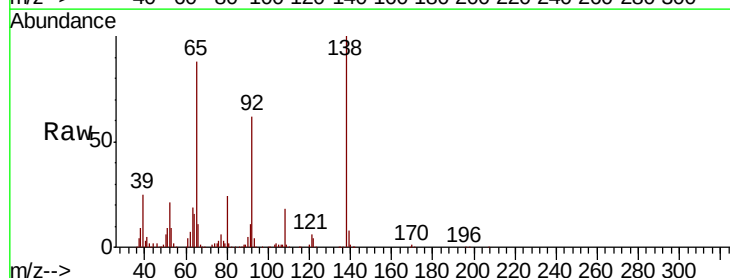
Tgt Ion: 65 Resp: 345808

Ion Ratio Lower Upper

65 100

92 70.5 53.7 80.5

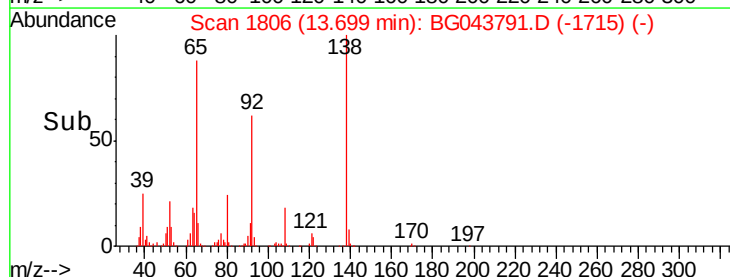
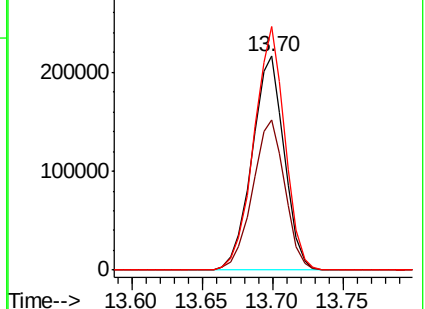
138 114.0 88.8 133.2

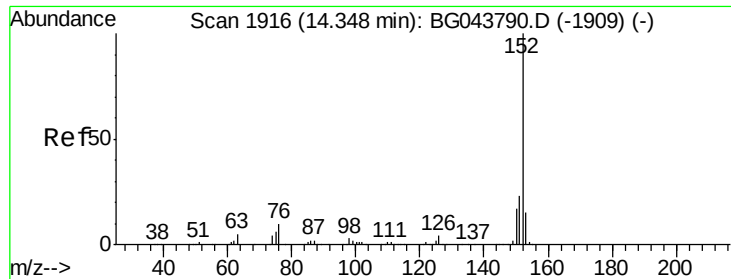


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.589 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

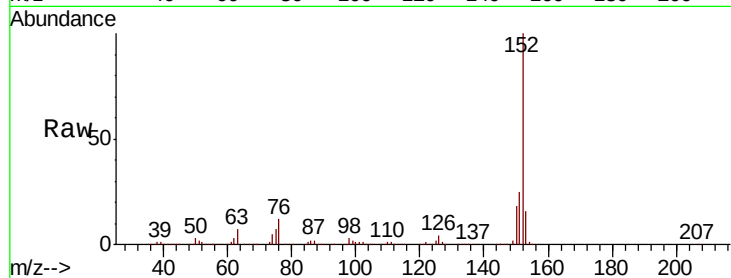
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1639179

Ion	Ratio	Lower	Upper
152	100		
151	24.9	18.5	27.7
153	15.7	11.8	17.8

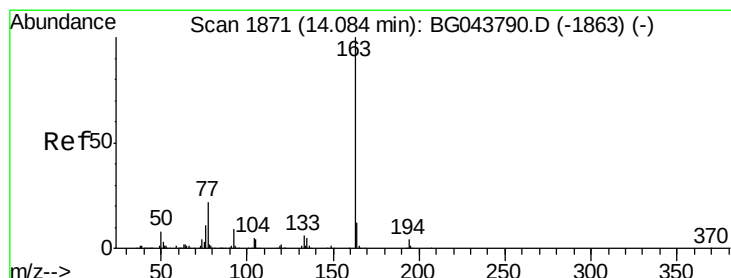
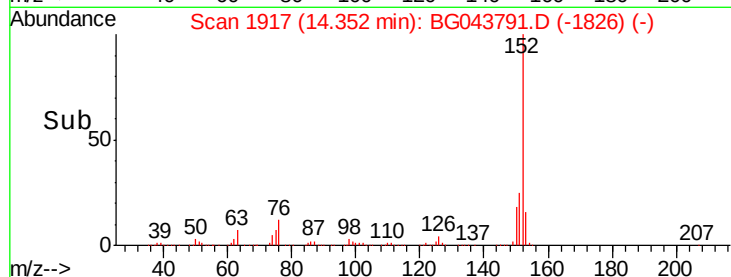
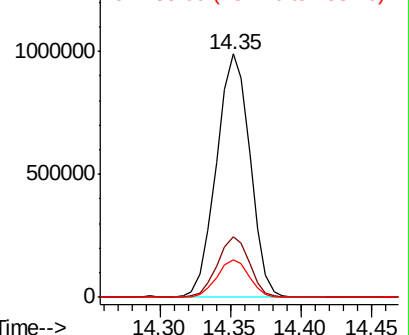


Abundance

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: 44.931 ng

RT: 14.09 min Scan# 1872

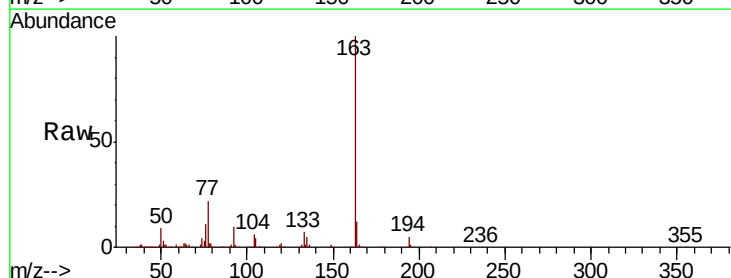
Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:163 Resp: 1408070

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	12.1	9.4	14.0

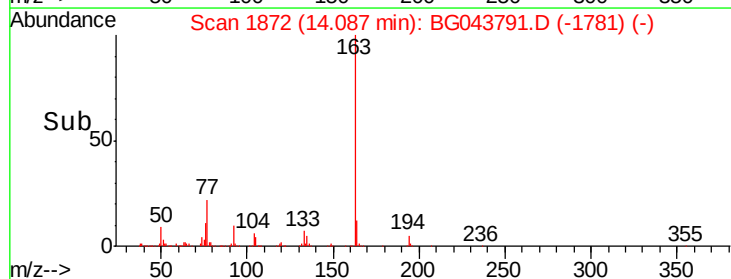
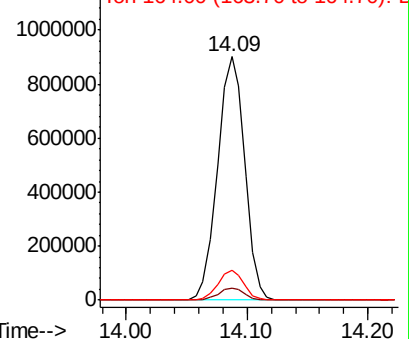


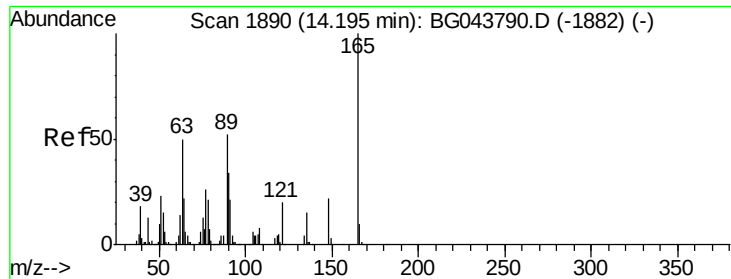
Abundance

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

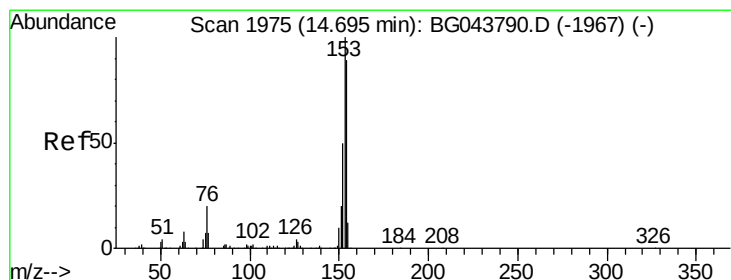
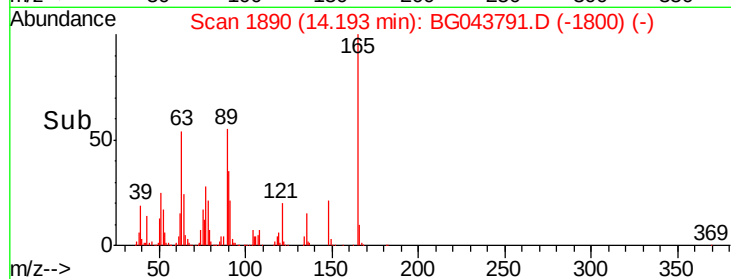
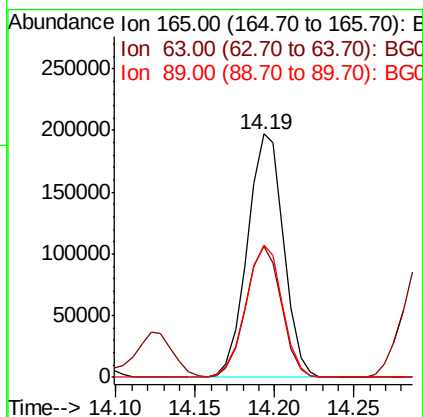
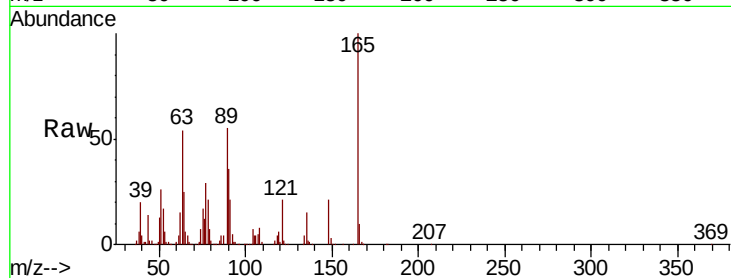




#51
2,6-Dinitrotoluene
Concen: 53.694 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

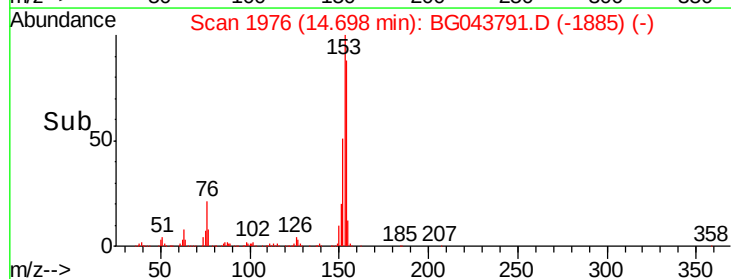
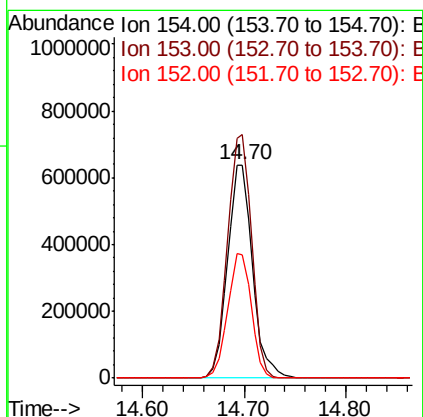
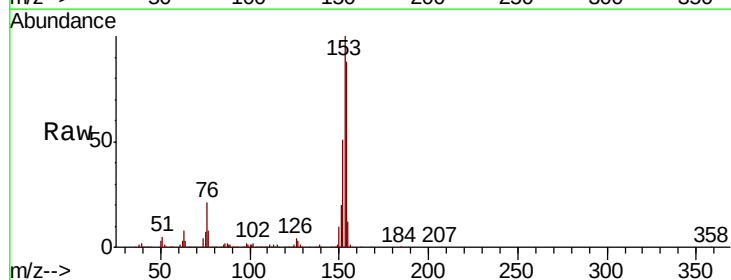
Instrument :
BNA_G
ClientSampled :

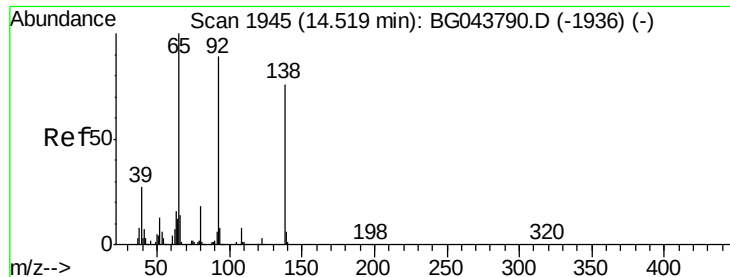
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.0	40.3	60.5
89	54.6	41.8	62.8



#52
Acenaphthene
Concen: 48.332 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.5	134.3
152	58.1	45.0	67.4

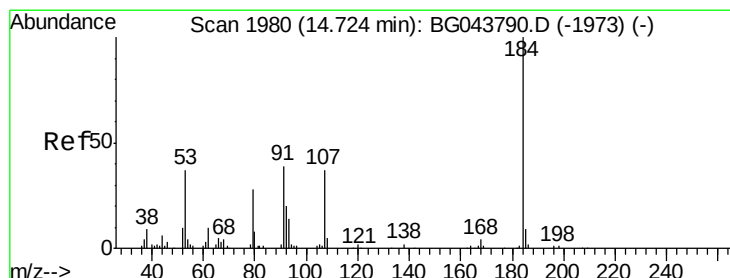
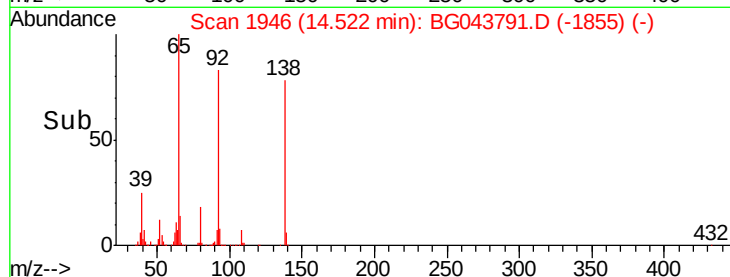
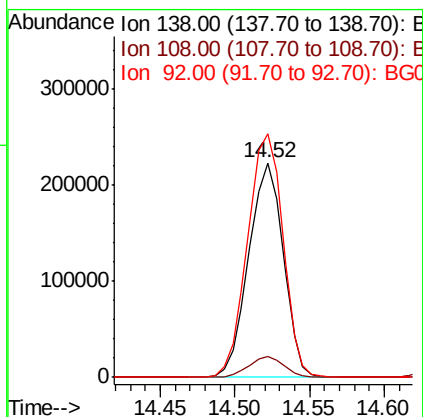
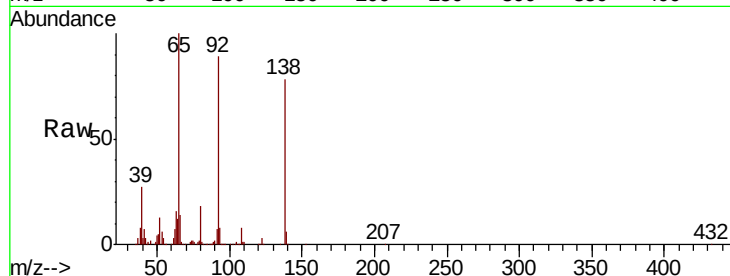




#53
3-Nitroaniline
Concen: 52.771 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

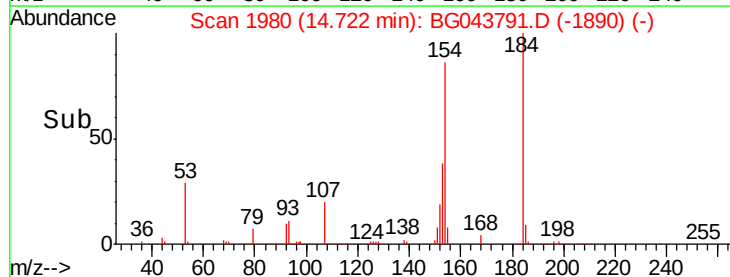
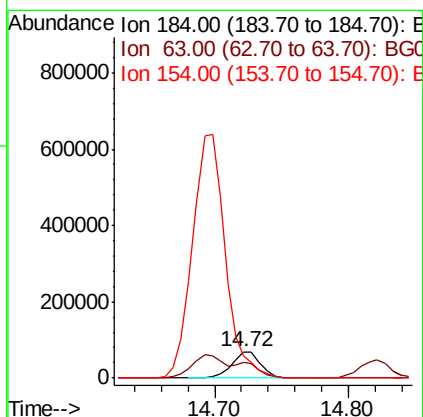
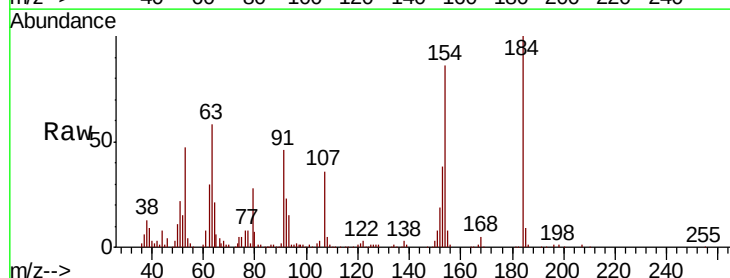
Instrument :
BNA_G
ClientSampleId :

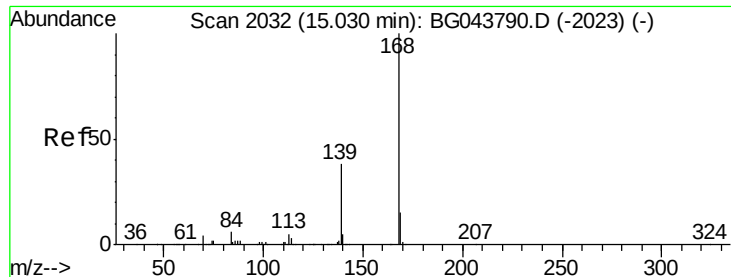
Tot Ion:138 Resp: 358720
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 113.6 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 44.216 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:184 Resp: 105134
Ion Ratio Lower Upper
184 100
63 58.0 43.4 65.0
154 85.8 54.8 82.2#

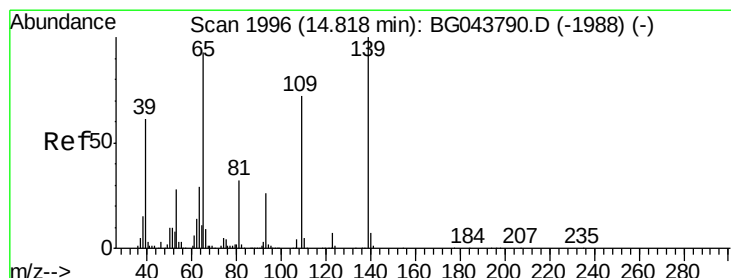
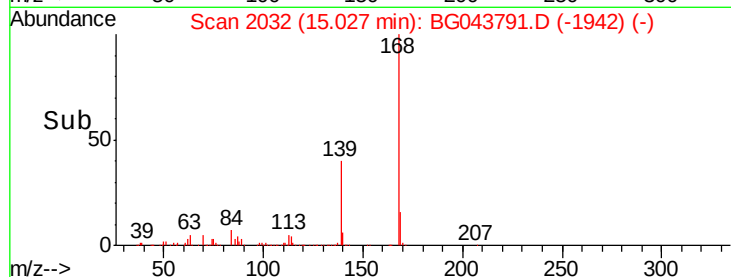
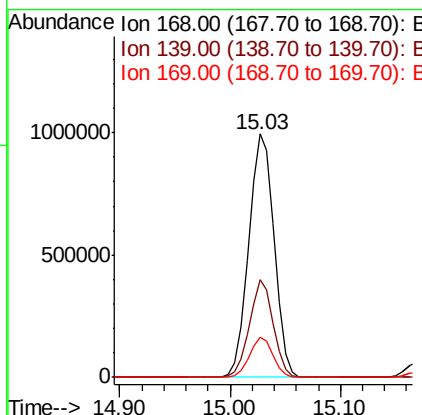
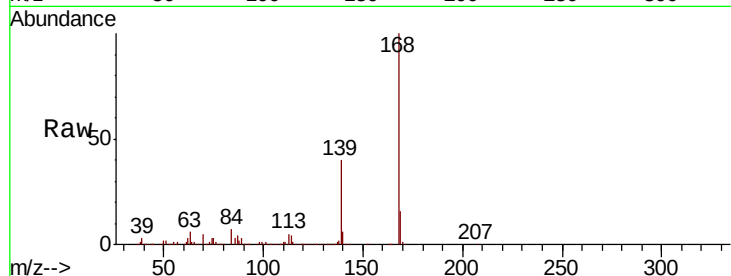




#55
Dibenzenofuran
Concen: 45.594 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

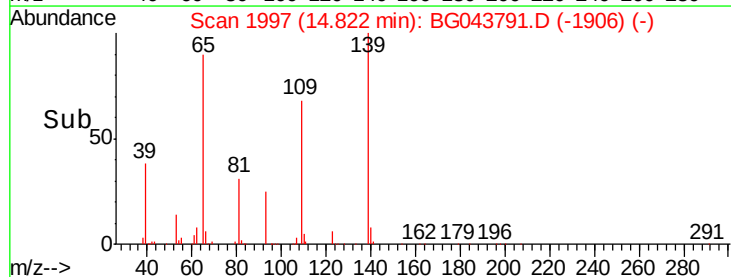
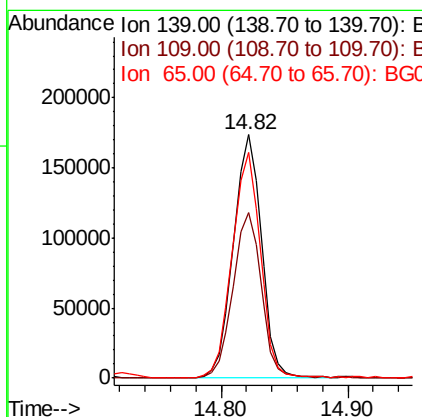
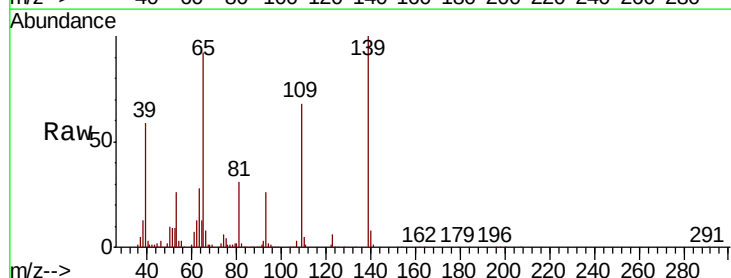
Instrument :
BNA_G
ClientSampled :

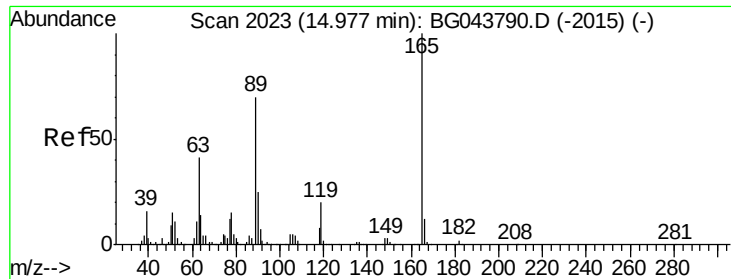
Tot Ion:168 Resp: 1598179
Ion Ratio Lower Upper
168 100
139 40.1 30.4 45.6
169 16.4 12.0 18.0



#56
4-Nitrophenol
Concen: 46.806 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:139 Resp: 267998
Ion Ratio Lower Upper
139 100
109 67.9 51.5 91.5
65 92.4 73.7 113.7

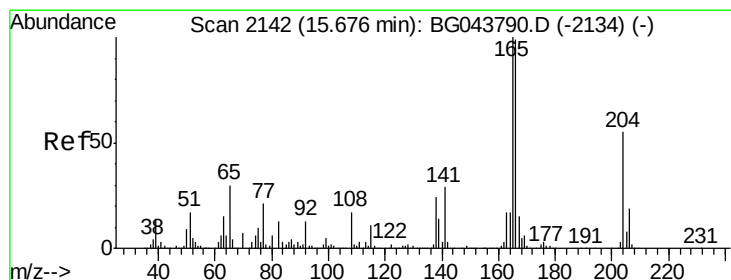
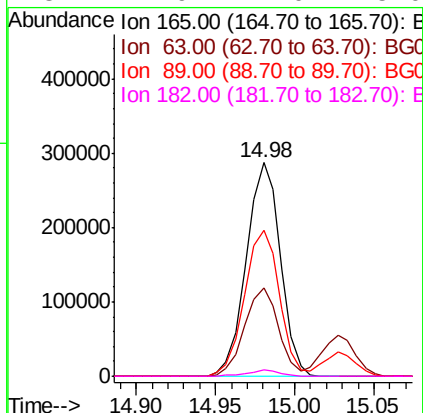
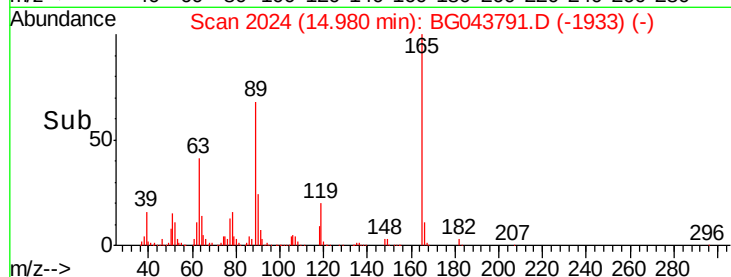
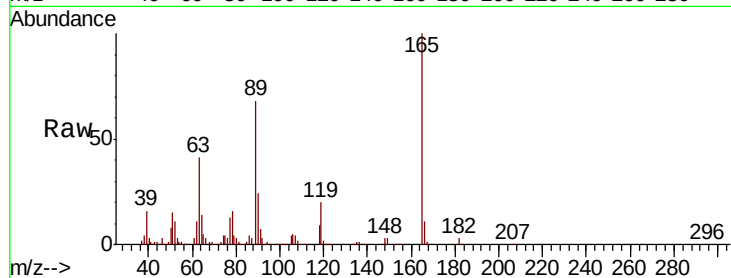




#57
2,4-Dinitrotoluene
Concen: 53.093 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

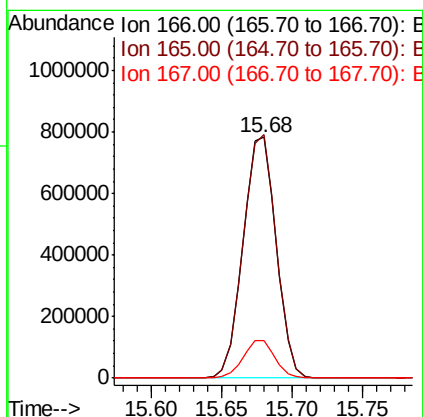
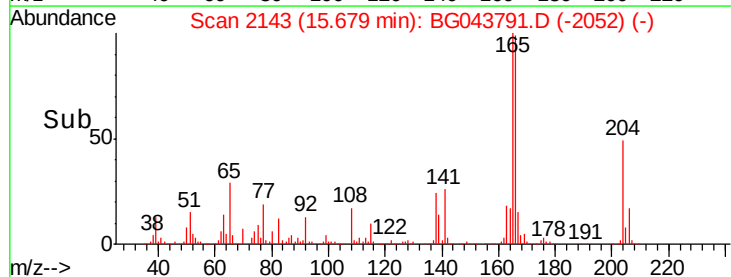
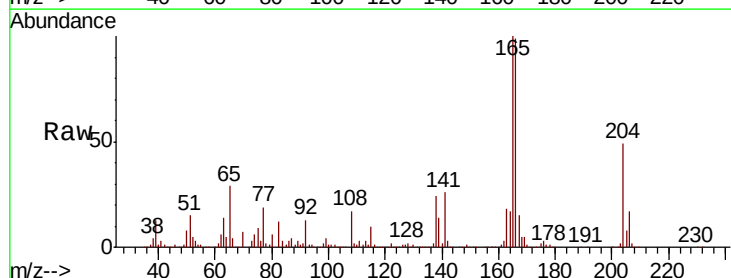
Instrument :
BNA_G
ClientSampleId :

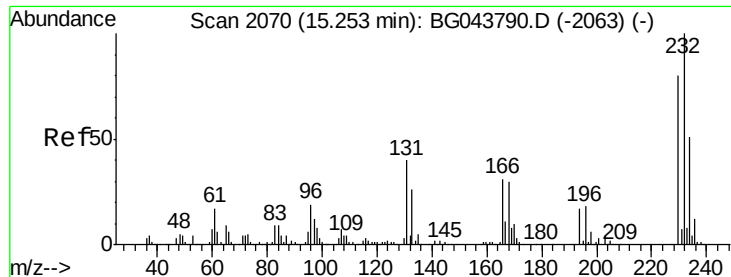
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.2	32.7	49.1
89	68.3	56.1	84.1
182	2.9	2.0	3.0



#58
Fluorene
Concen: 44.751 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.5	120.7
167	15.6	12.1	18.1

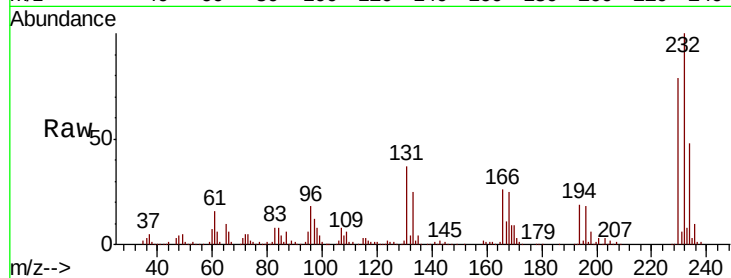




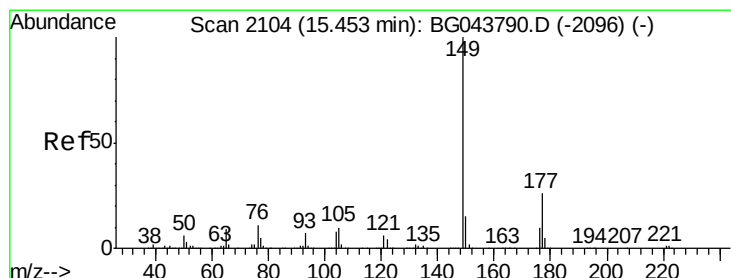
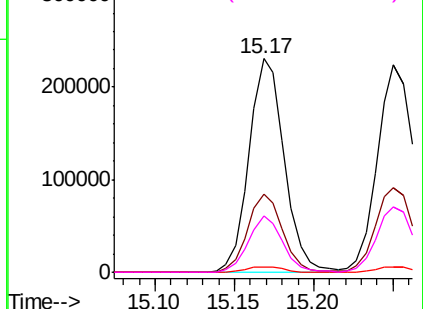
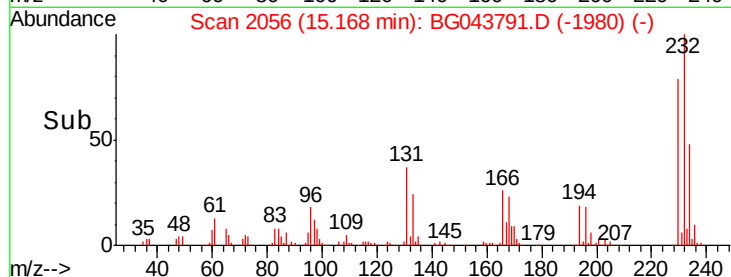
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.214 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.08 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 357101
Ion Ratio Lower Upper
232 100
131 36.4 27.9 41.9
130 2.5 1.8 2.8
166 25.5 19.4 29.2

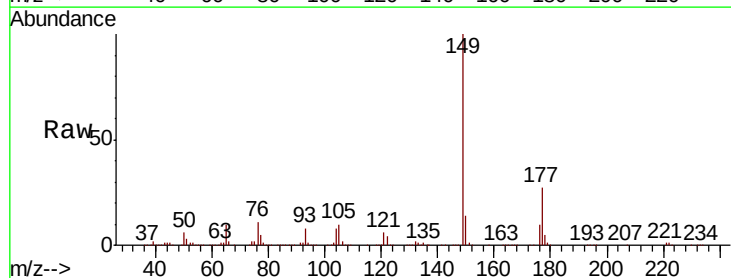


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

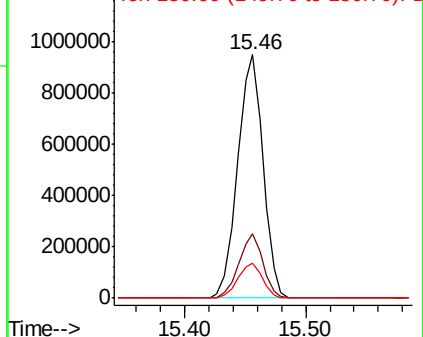
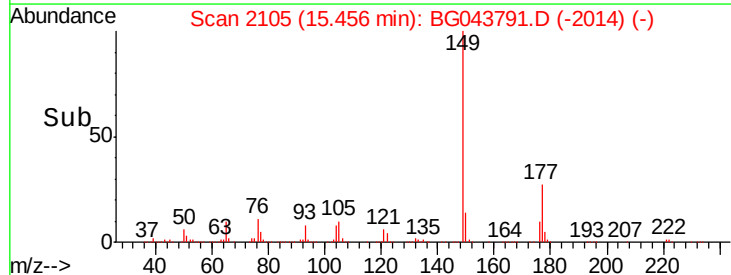


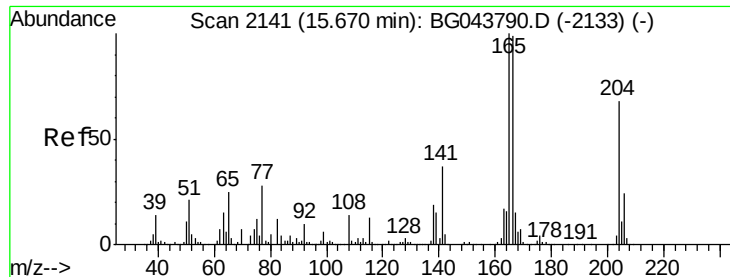
#60
Diethylphthalate
Concen: 42.344 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:149 Resp: 1393308
Ion Ratio Lower Upper
149 100
177 26.6 20.4 30.6
150 14.4 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

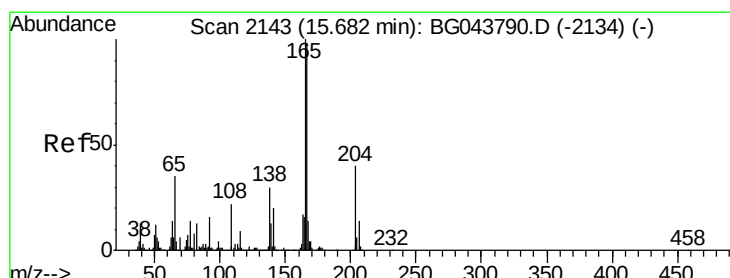
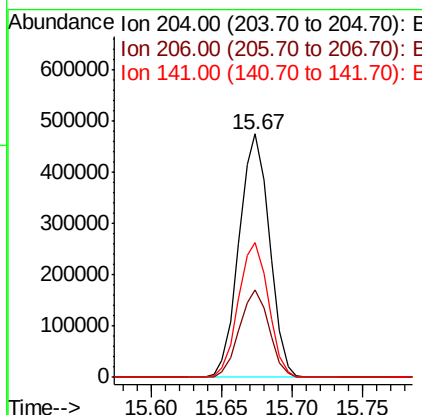
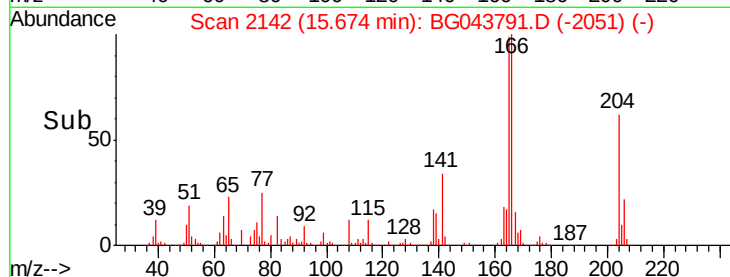
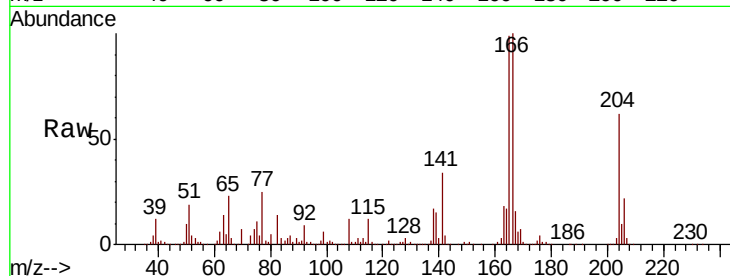




#61
4-Chlorophenyl-phenylether
Concen: 45.244 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

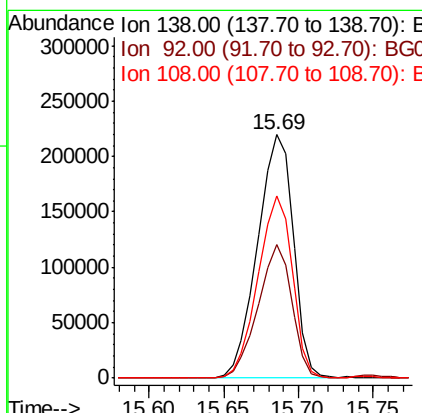
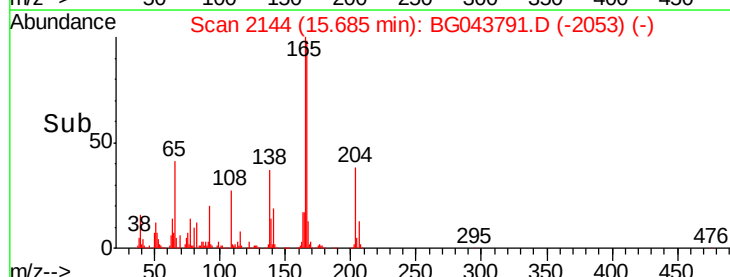
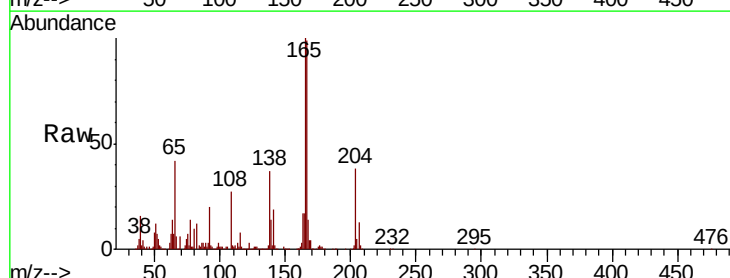
Instrument :
BNA_G
ClientSampled :

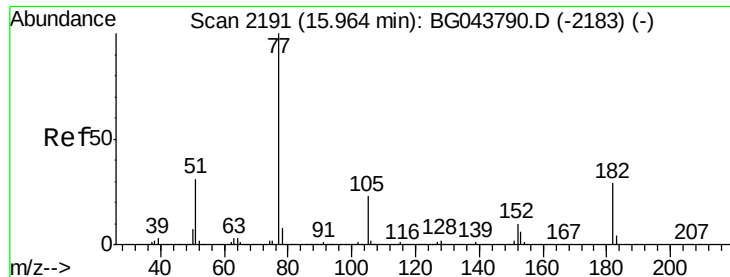
Tot Ion:204 Resp: 716065
Ion Ratio Lower Upper
204 100
206 35.8 28.1 42.1
141 55.4 44.1 66.1



#62
4-Nitroaniline
Concen: 46.704 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:138 Resp: 364044
Ion Ratio Lower Upper
138 100
92 54.9 31.5 71.5
108 74.6 53.1 93.1





#63

Azobenzene

Concen: 43.389 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1279803

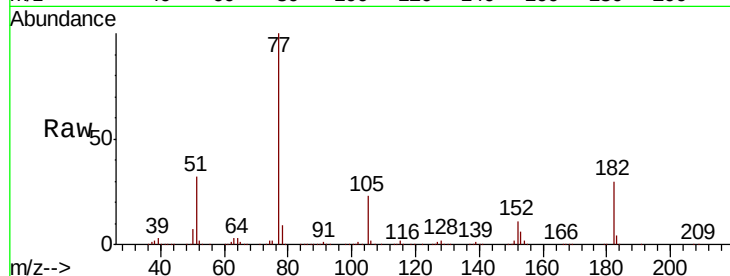
Ion Ratio Lower Upper

77 100

182 30.3 9.0 49.0

105 23.1 2.9 42.9

51 32.2 10.6 50.6

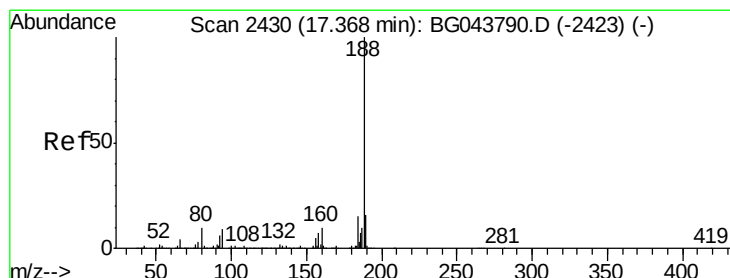
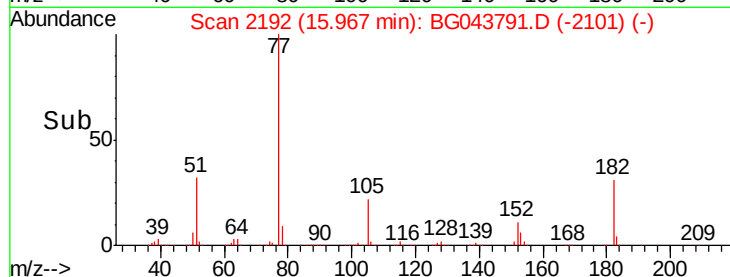
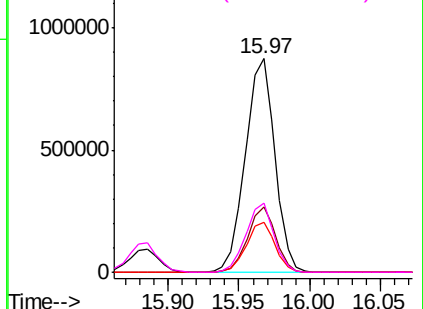


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043791.D

Acq: 9 Dec 2019 14:47

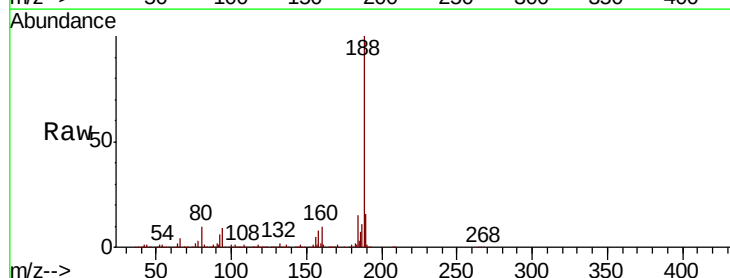
Tgt Ion: 188 Resp: 849608

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

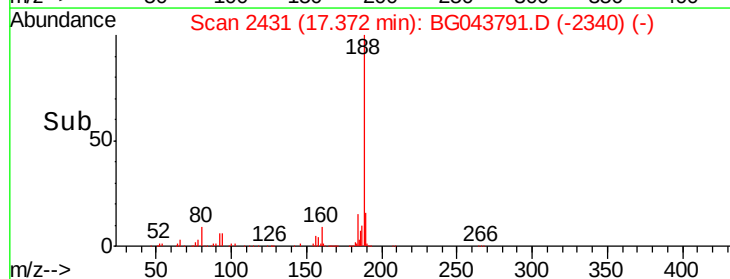
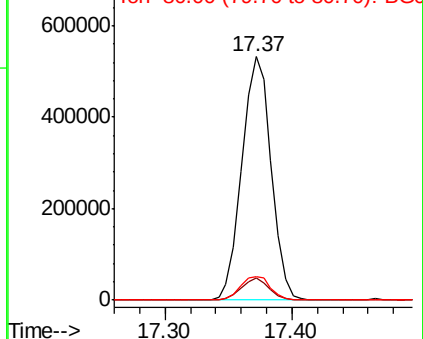
80 9.5 7.8 11.8

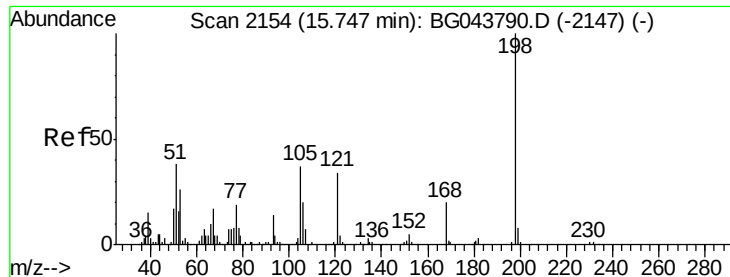


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 53.984 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

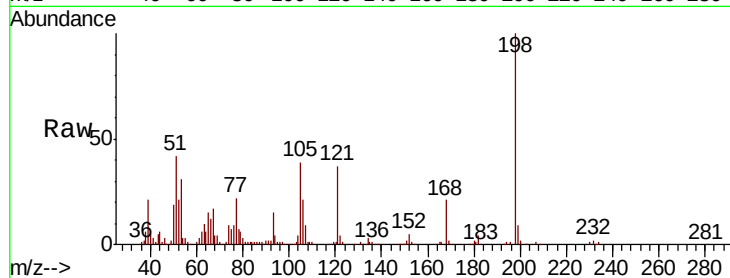
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 155636

Ion	Ratio	Lower	Upper
198	100		
51	42.1	18.9	58.9
105	39.5	18.1	58.1

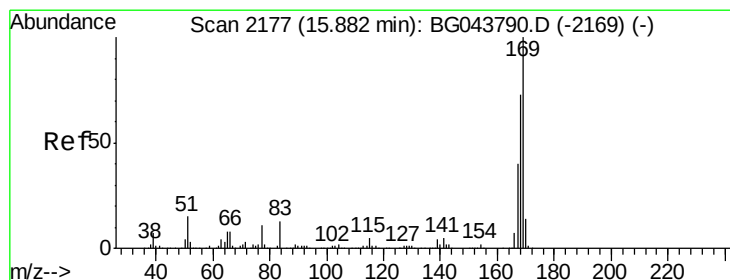
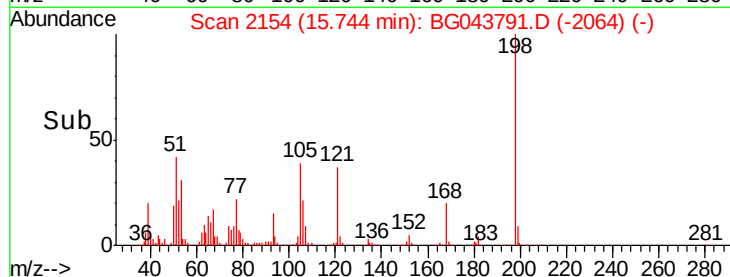
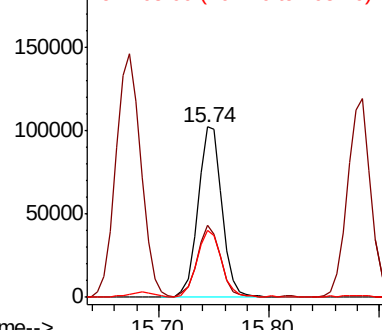


Abundance

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: 52.632 ng

RT: 15.89 min Scan# 2178

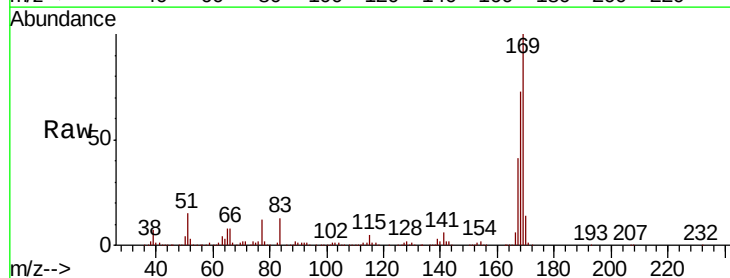
Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:169 Resp: 1183944

Ion	Ratio	Lower	Upper
169	100		
168	72.5	58.5	87.7
167	41.0	32.1	48.1

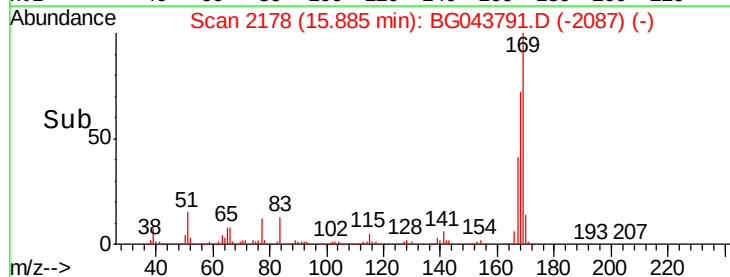
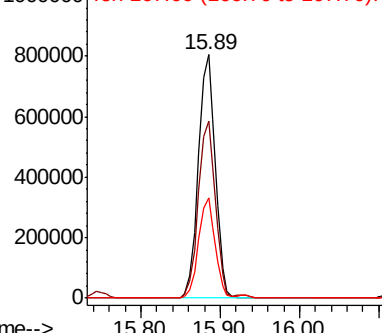


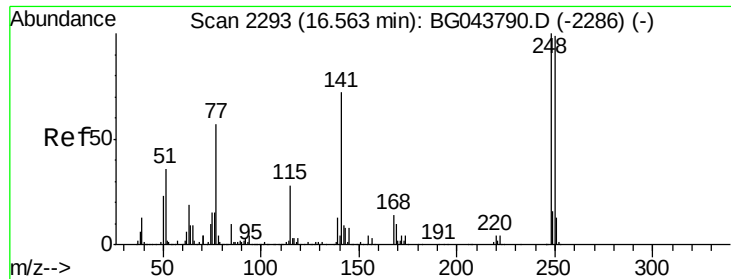
Abundance

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

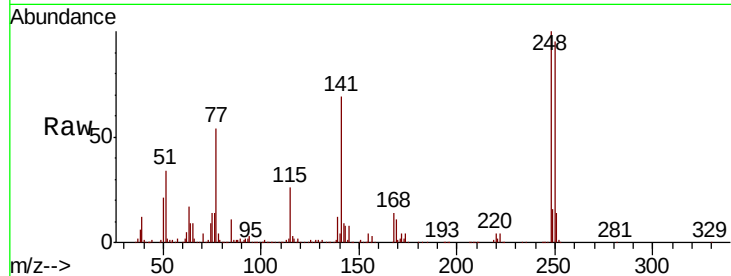




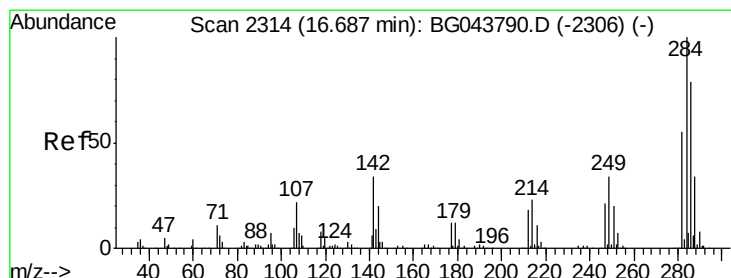
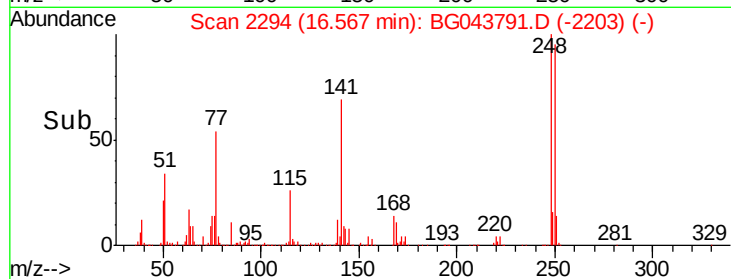
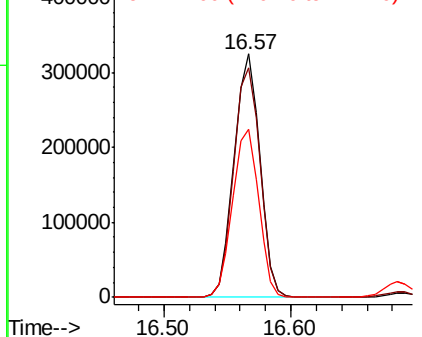
#67
4-Bromophenyl-phenylether
Concen: 50.938 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 456387
Ion Ratio Lower Upper
248 100
250 94.5 79.0 118.6
141 69.1 57.8 86.6

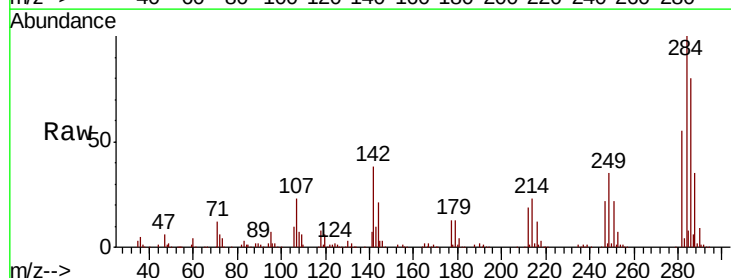


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

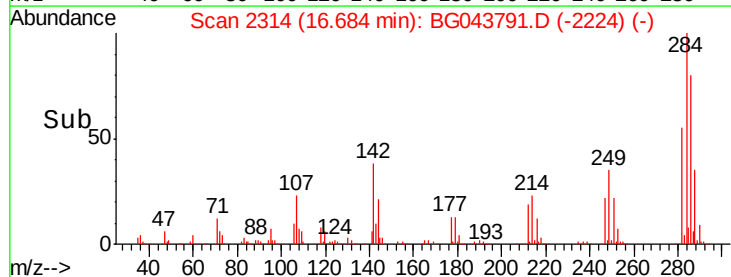
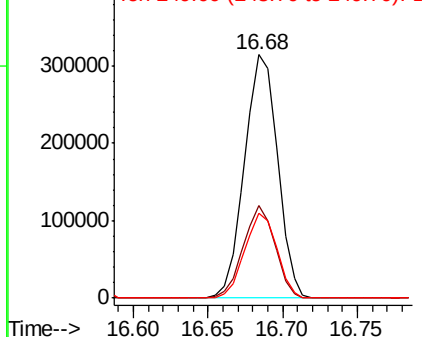


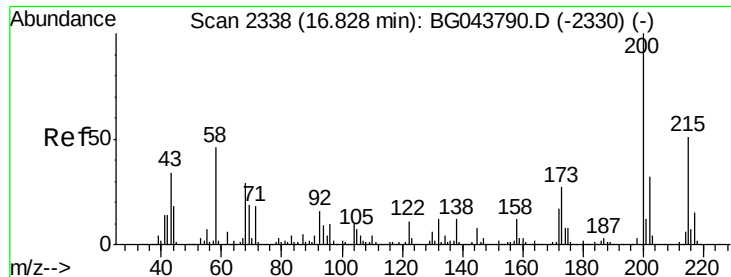
#68
Hexachlorobenzene
Concen: 49.279 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:284 Resp: 482680
Ion Ratio Lower Upper
284 100
142 37.8 27.0 40.6
249 34.9 27.2 40.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.338 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

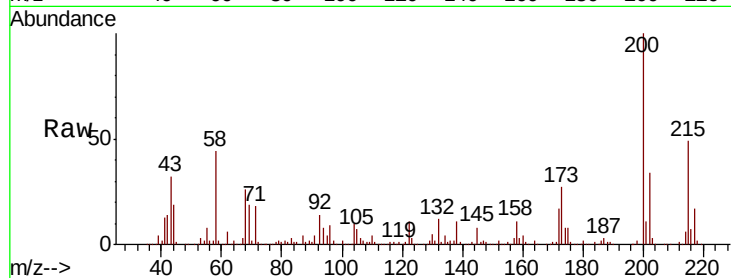
Tot Ion:200 Resp: 336607

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

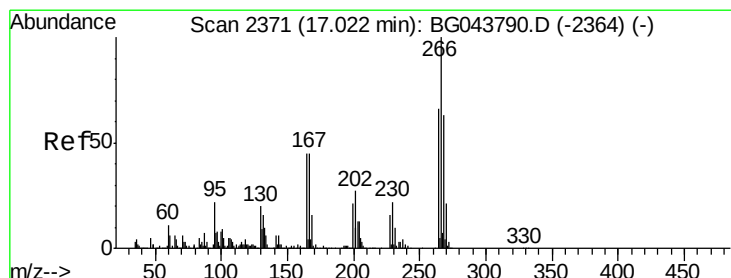
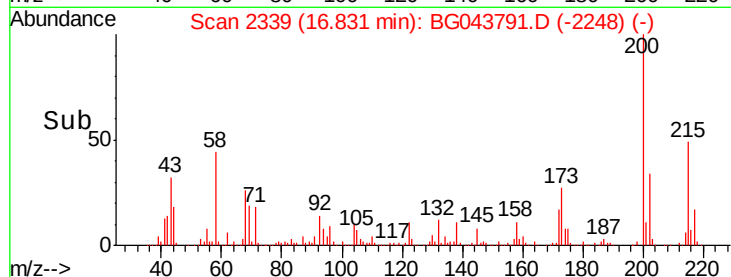
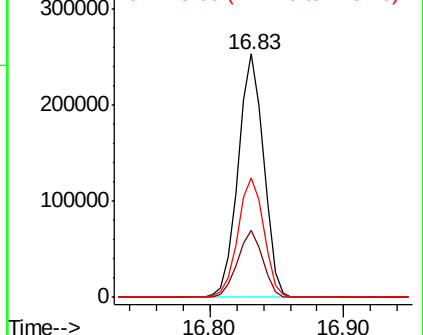
215 49.1 30.5 70.5



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: 46.478 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

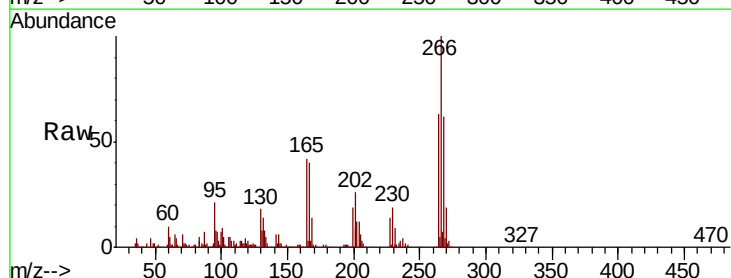
Tgt Ion:266 Resp: 277793

Ion Ratio Lower Upper

266 100

268 62.0 50.8 76.2

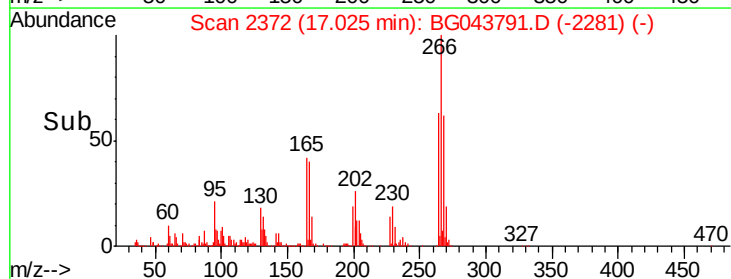
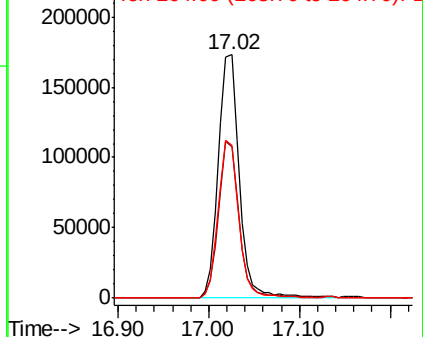
264 62.7 53.0 79.4

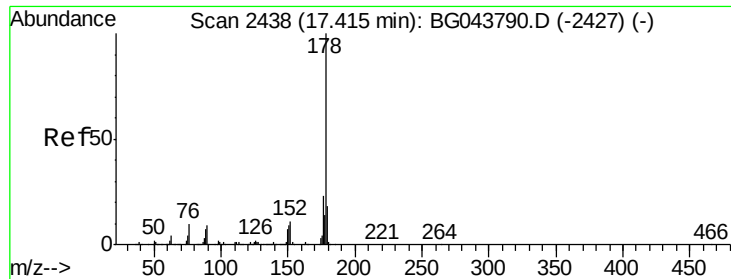


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.507 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

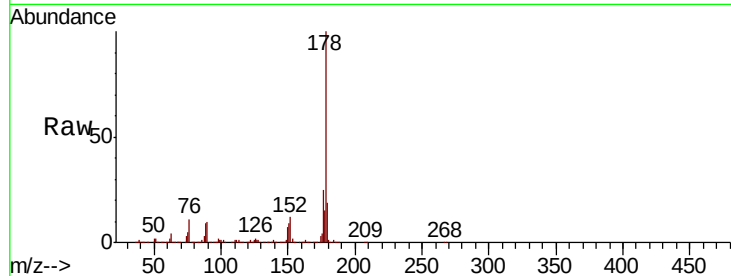
Tot Ion:178 Resp: 1997162

Ion Ratio Lower Upper

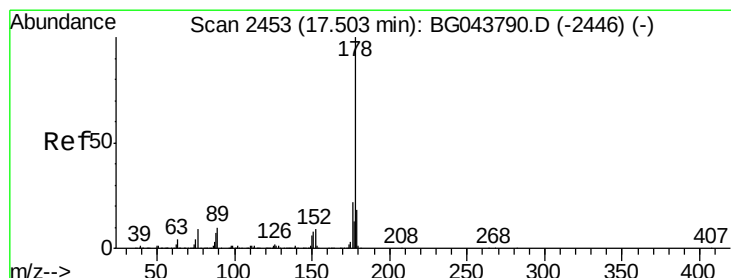
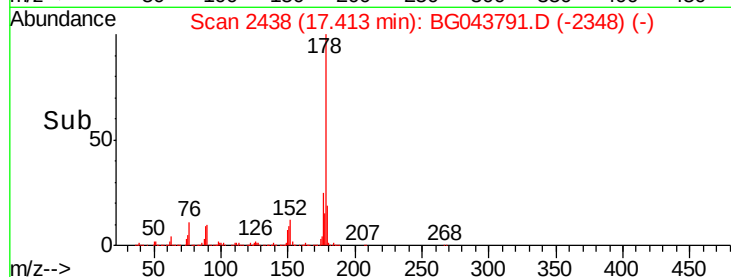
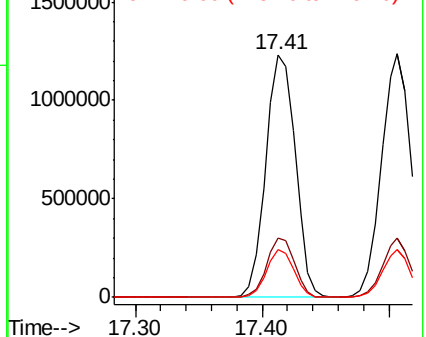
178 100

176 24.6 18.6 27.8

179 19.4 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: 46.939 ng

RT: 17.51 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

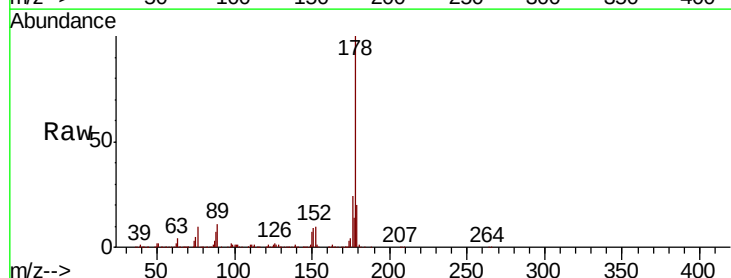
Tgt Ion:178 Resp: 1993346

Ion Ratio Lower Upper

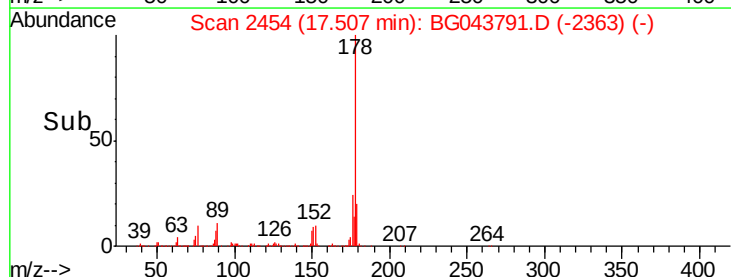
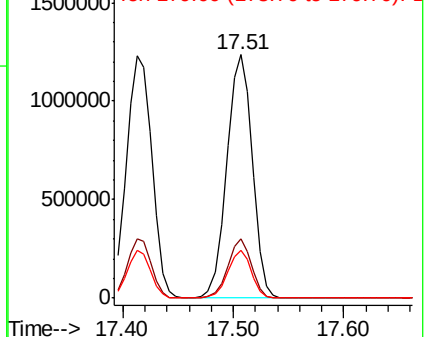
178 100

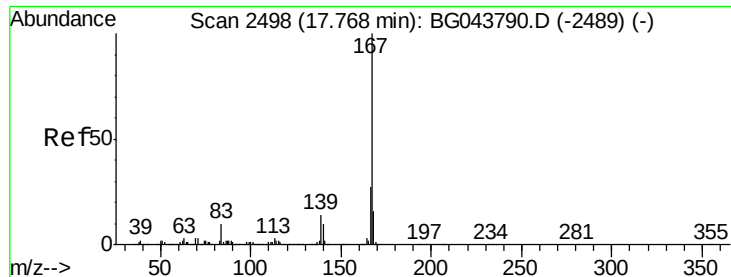
176 24.2 17.7 26.5

179 19.9 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: 44.135 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampled :

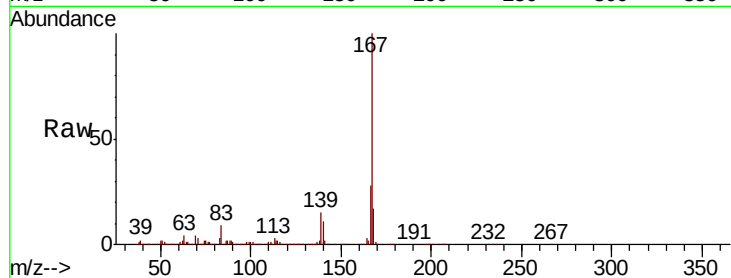
Tot Ion:167 Resp: 1856912

Ion Ratio Lower Upper

167 100

166 28.0 21.4 32.2

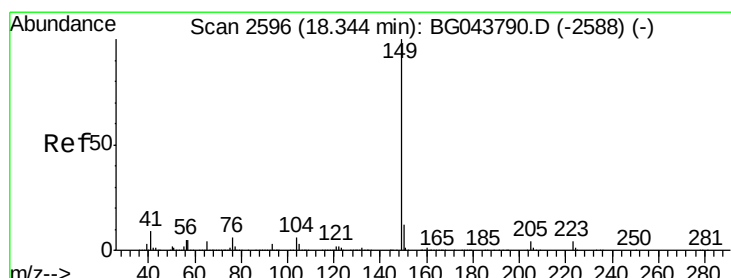
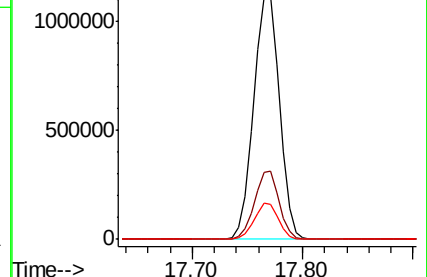
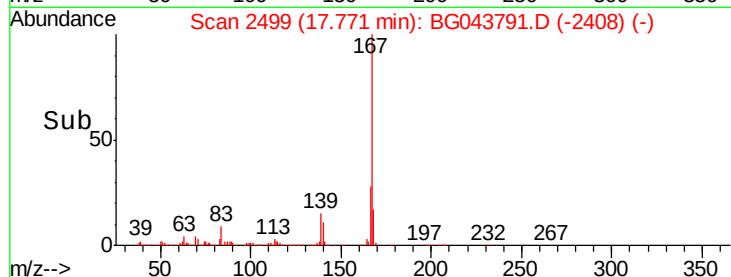
139 14.6 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.287 ng

RT: 18.35 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

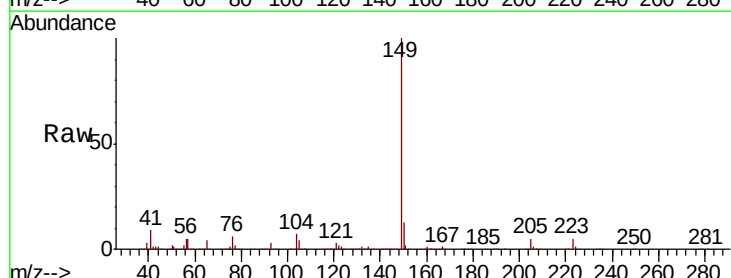
Tgt Ion:149 Resp: 2169440

Ion Ratio Lower Upper

149 100

150 12.7 9.4 14.0

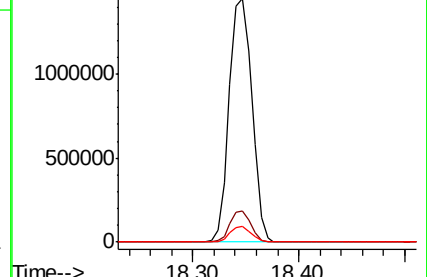
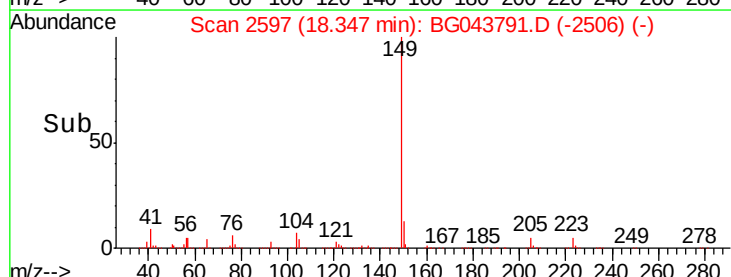
104 6.6 4.8 7.2

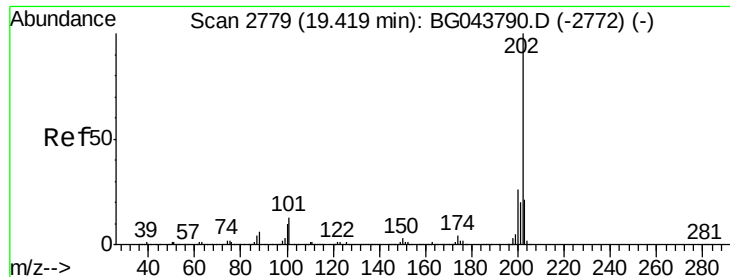


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.892 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

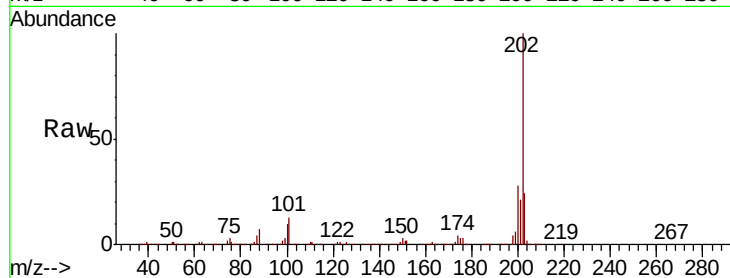
Tot Ion:202 Resp: 2285004

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.7

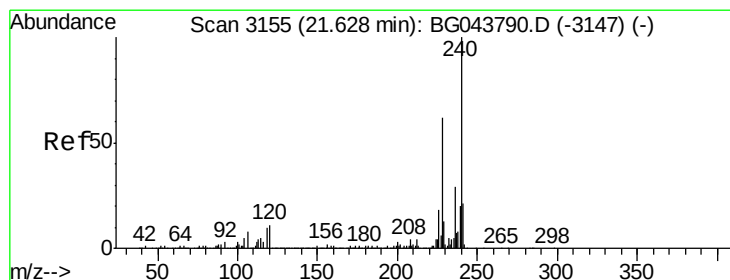
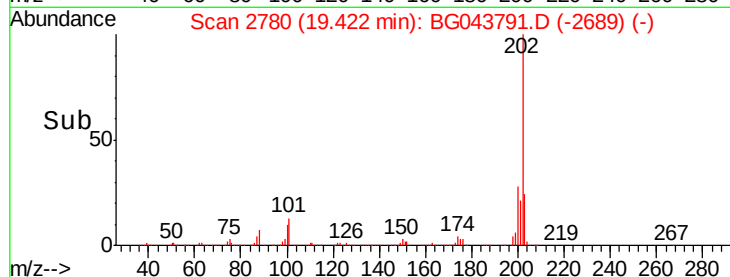
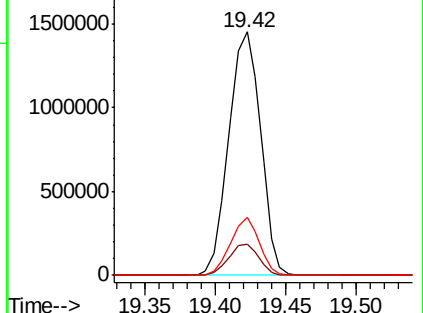
203 23.6 1.0 41.0



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: BG043791.D

Acq: 9 Dec 2019 14:47

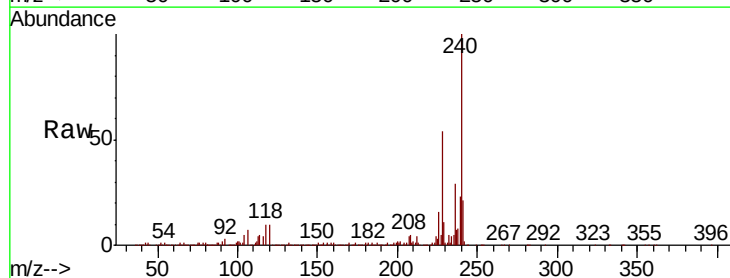
Tgt Ion:240 Resp: 711538

Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

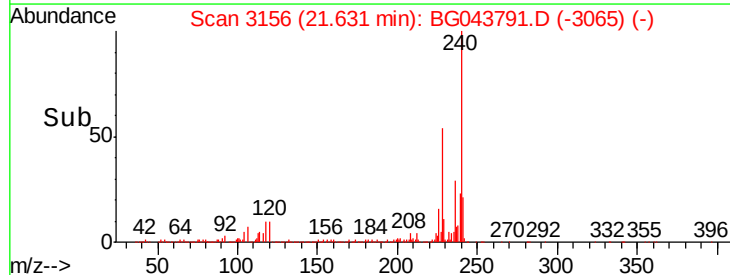
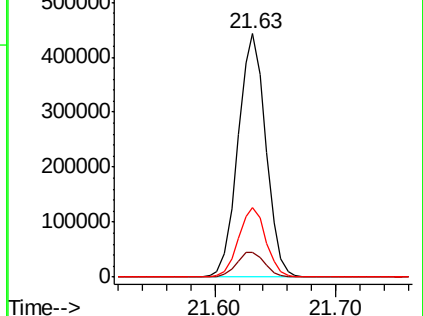
236 28.6 23.1 34.7

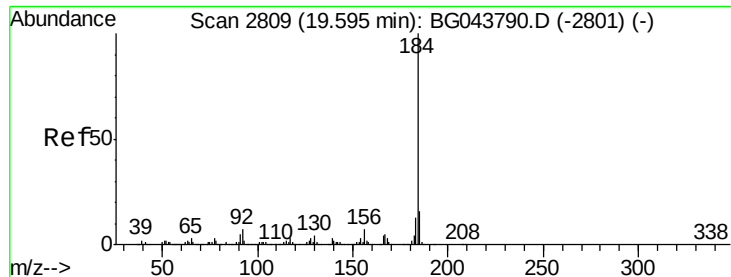


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.895 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

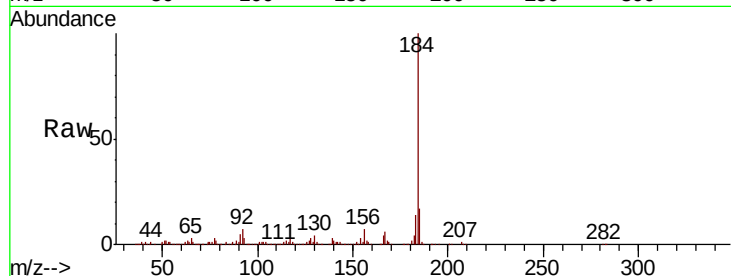
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 849999

Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.9	19.3
183	13.5	10.3	15.5

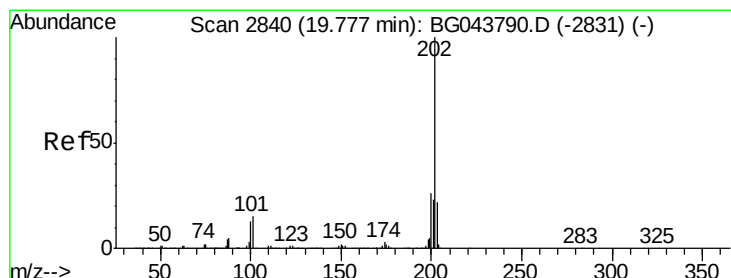
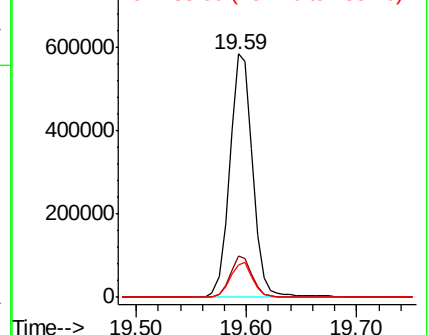
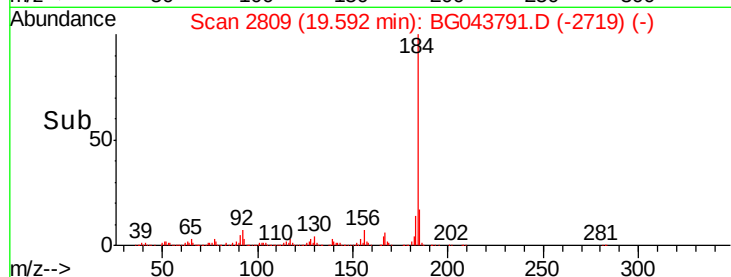


Abundance

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: 49.883 ng

RT: 19.78 min Scan# 2841

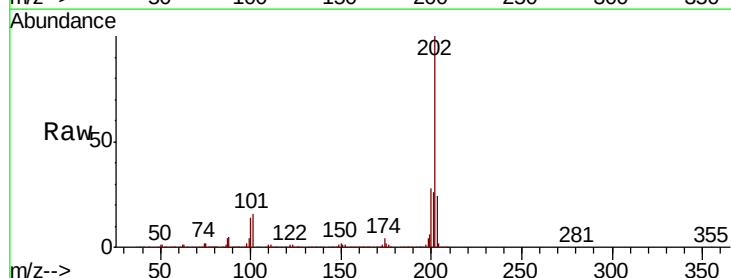
Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:202 Resp: 2290699

Ion	Ratio	Lower	Upper
202	100		
200	28.4	20.8	31.2
203	23.7	17.7	26.5

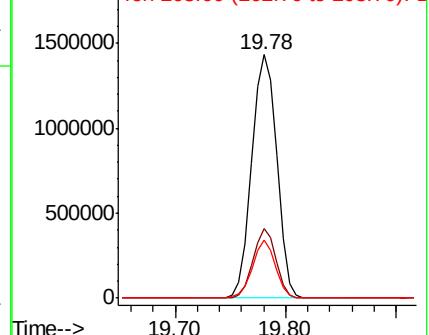
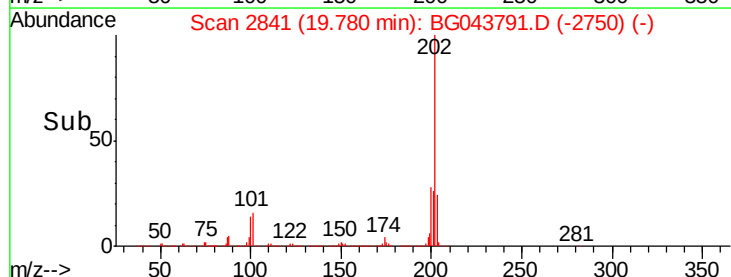


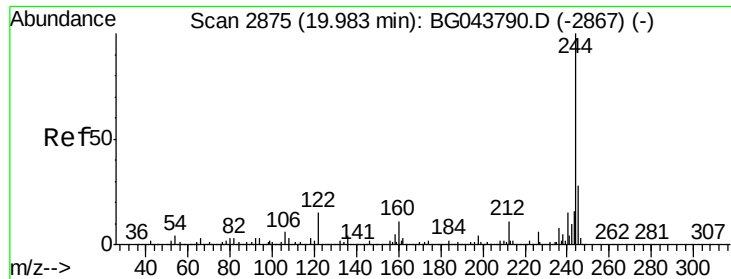
Abundance

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: 91.718 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

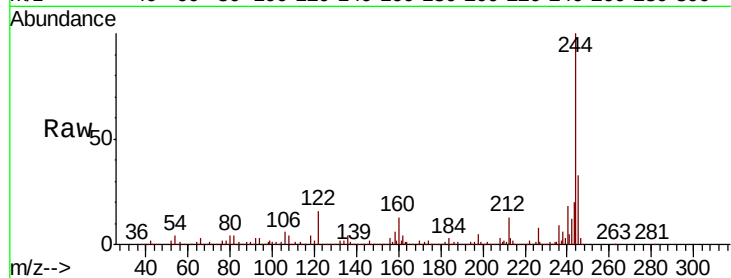
Tot Ion:244 Resp: 2888102

Ion Ratio Lower Upper

244 100

212 13.4 9.1 13.7

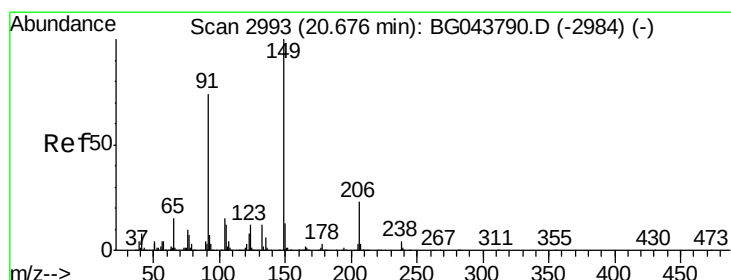
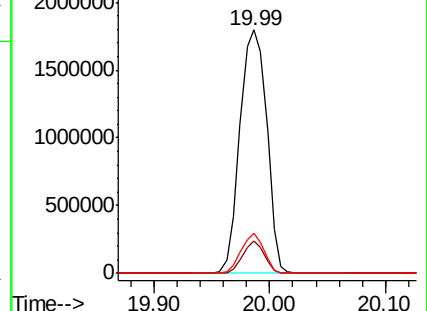
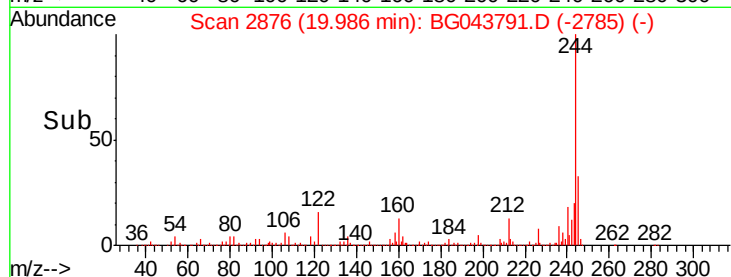
122 16.2 11.6 17.4



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: 48.853 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

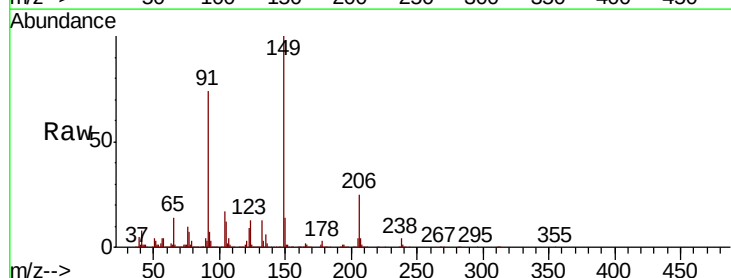
Tgt Ion:149 Resp: 1021972

Ion Ratio Lower Upper

149 100

91 74.1 59.0 88.4

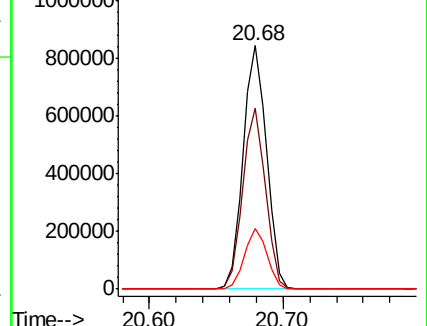
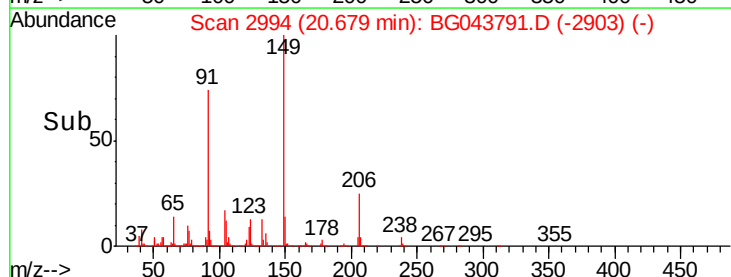
206 25.1 18.6 28.0

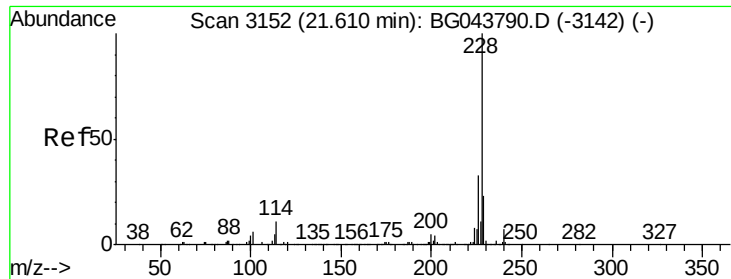


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.777 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

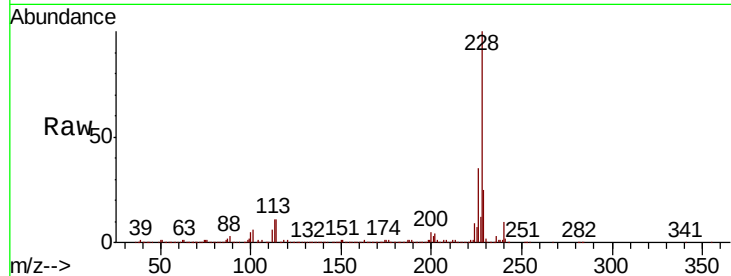
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2225101

Ion	Ratio	Lower	Upper
228	100		
226	35.0	26.1	39.1
229	24.7	18.6	27.8

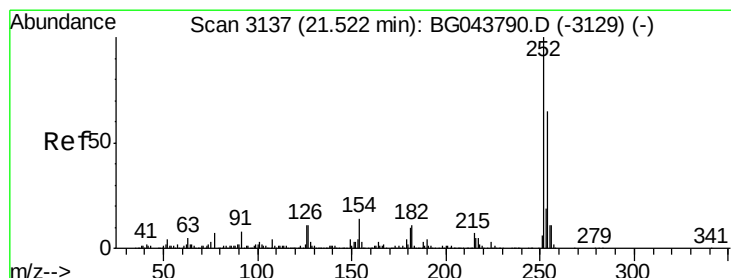
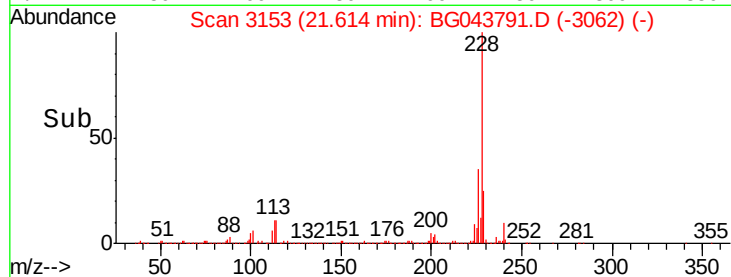
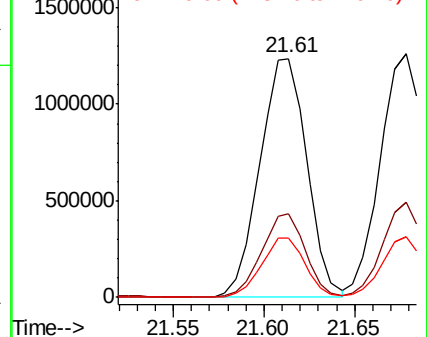


Abundance

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: 47.603 ng

RT: 21.53 min Scan# 3138

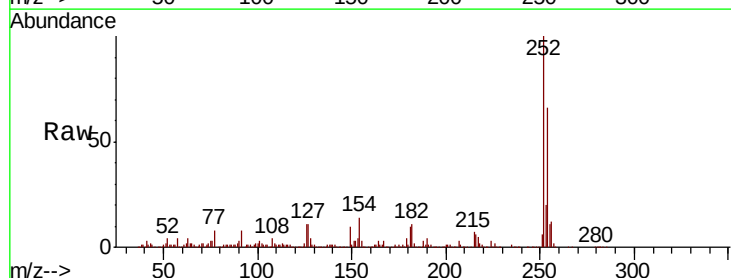
Delta R.T. 0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Tgt Ion:252 Resp: 849148

Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.2	78.2
126	10.6	8.7	13.1

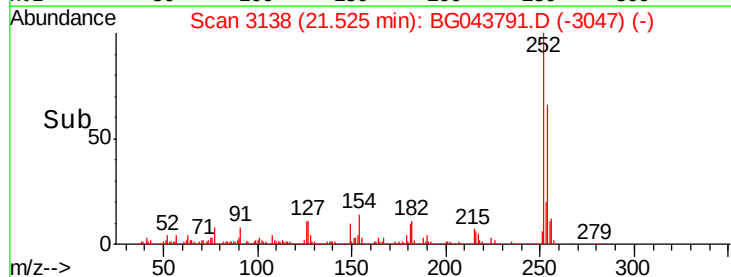
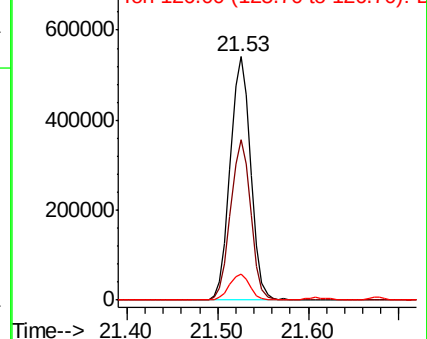


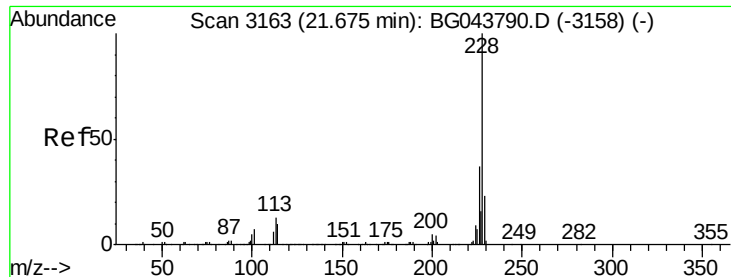
Abundance

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



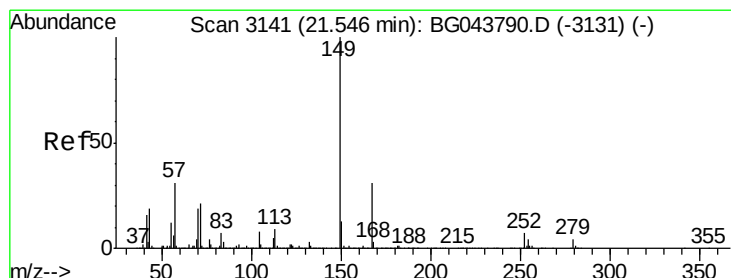
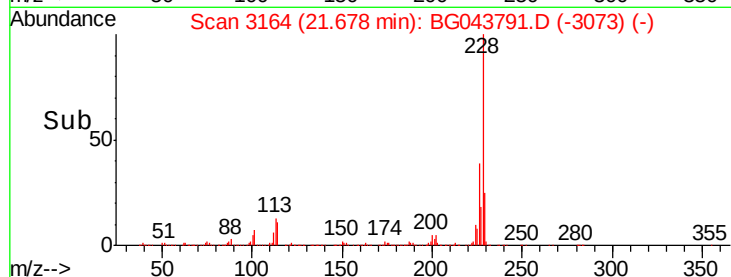
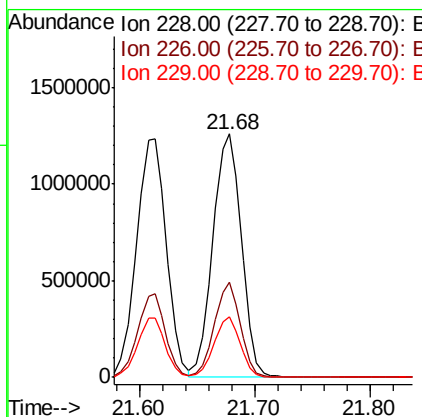
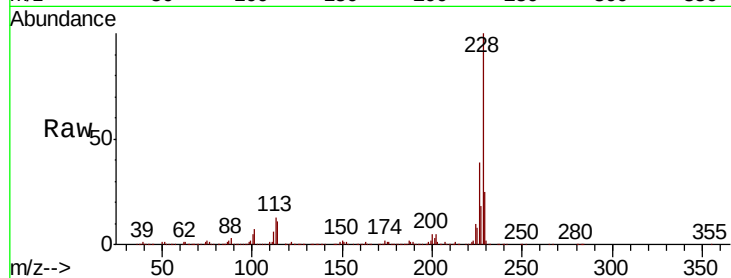


#83
 Chrvsene
 Concen: 47.699 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 2147016

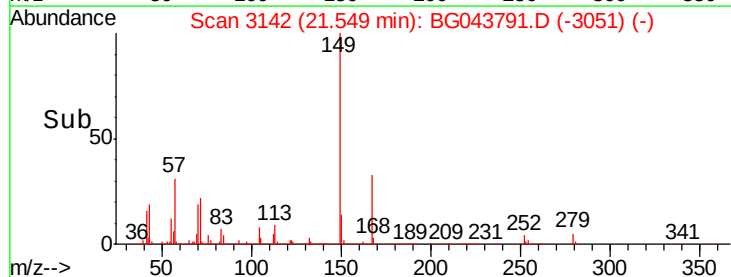
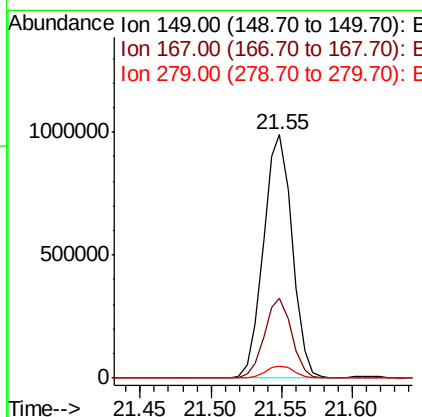
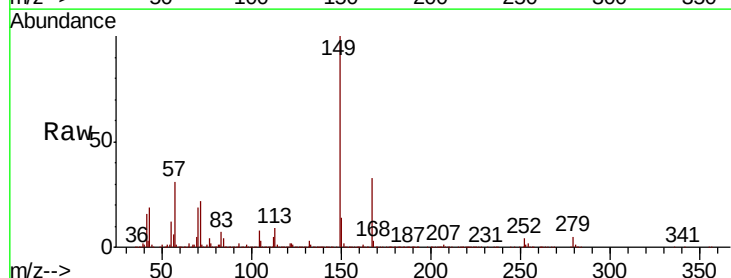
Ion	Ratio	Lower	Upper
228	100		
226	38.9	29.1	43.7
229	25.0	18.6	28.0

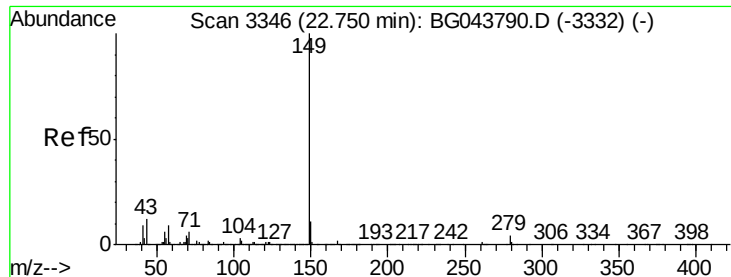


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.222 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG043791.D
 Acq: 9 Dec 2019 14:47

Tgt Ion:149 Resp: 1419377

Ion	Ratio	Lower	Upper
149	100		
167	33.0	25.1	37.7
279	5.0	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 49.909 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

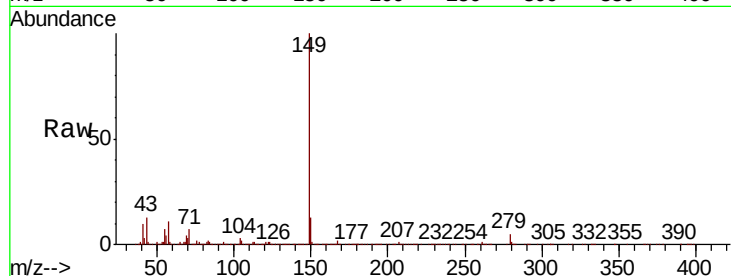
Tot Ion:149 Resp: 2382792

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

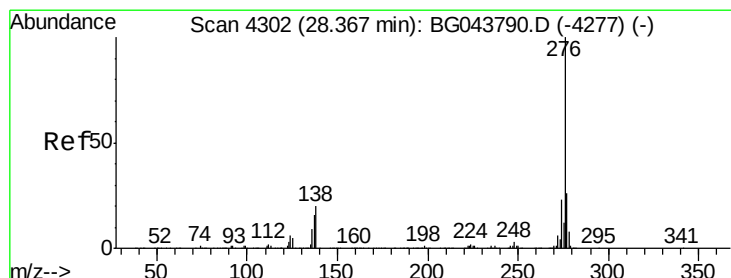
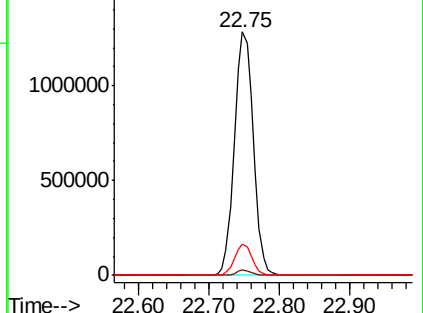
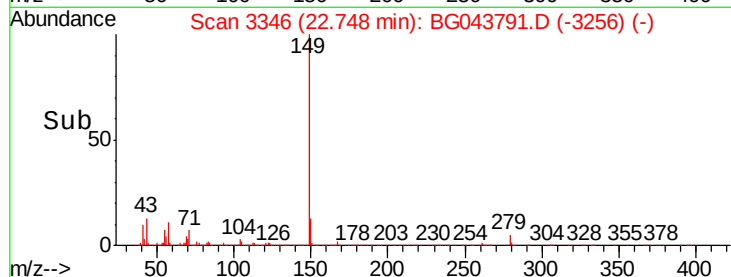
43 11.8 8.8 13.2



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: 52.558 ng

RT: 28.38 min Scan# 4305

Delta R.T. 0.02 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

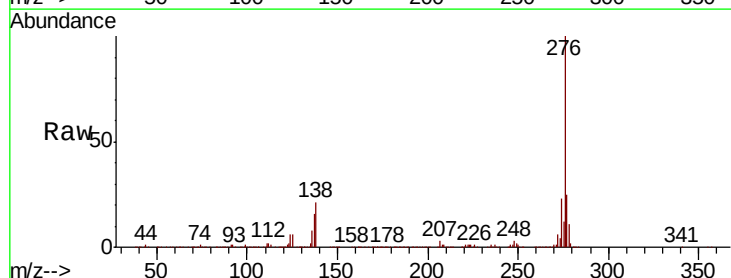
Tgt Ion:276 Resp: 2751910

Ion Ratio Lower Upper

276 100

138 25.9 14.6 21.8#

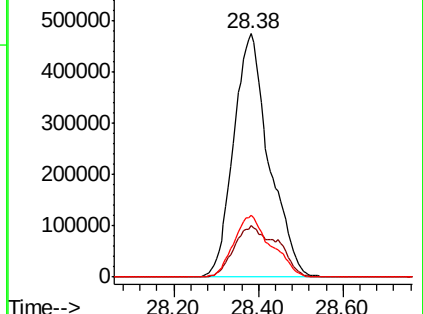
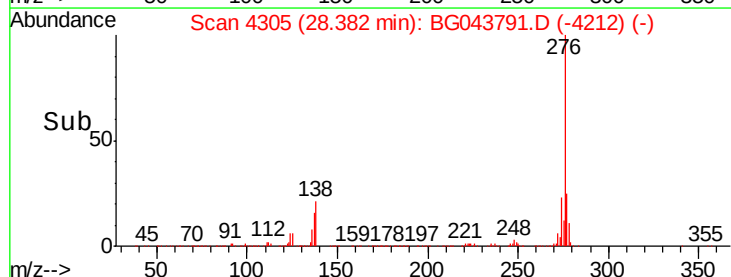
277 26.7 21.2 31.8

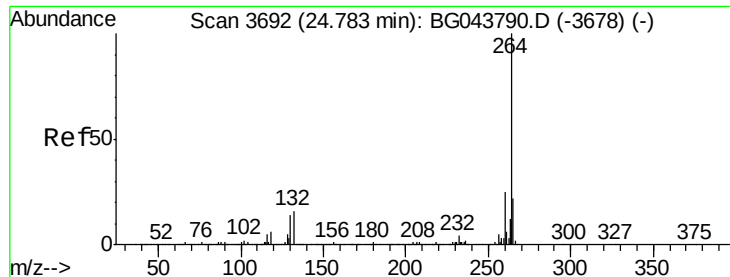


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



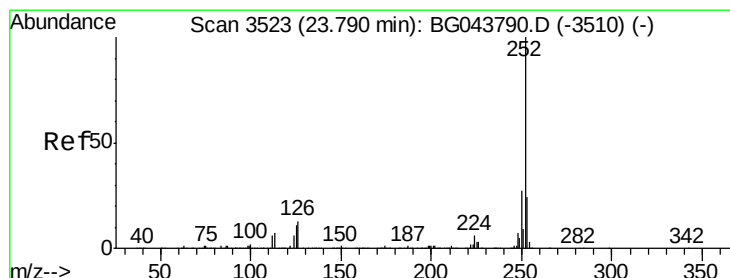
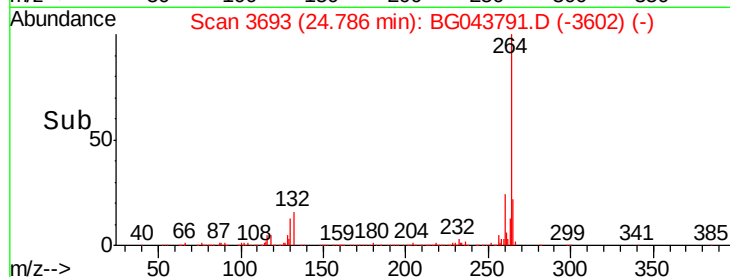
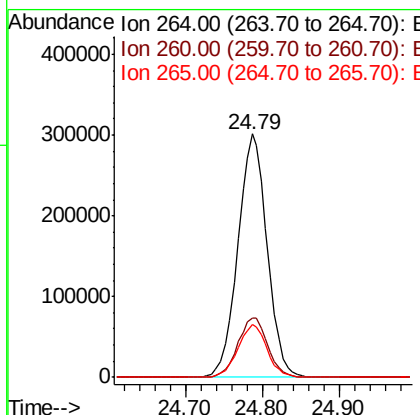
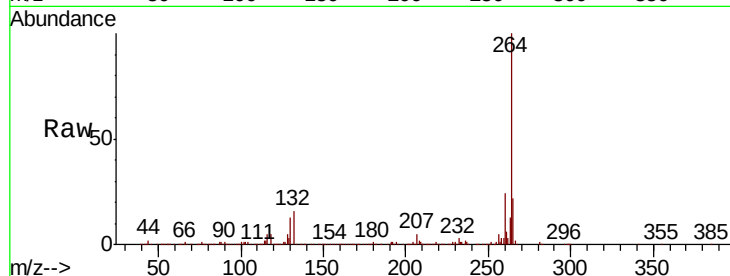


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 796491

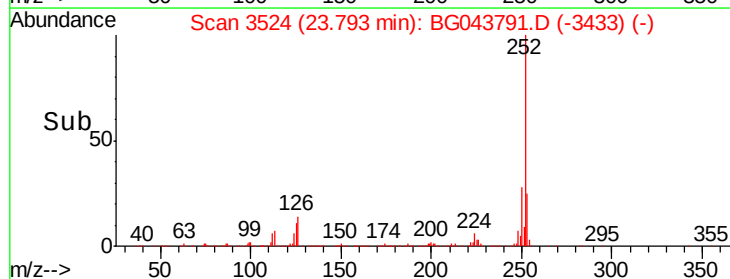
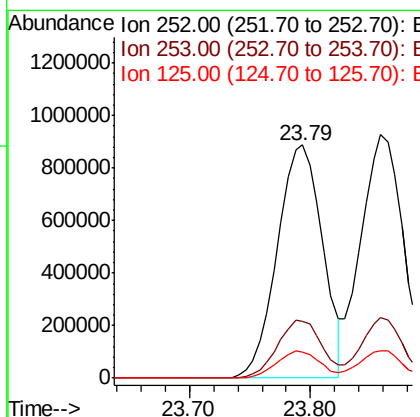
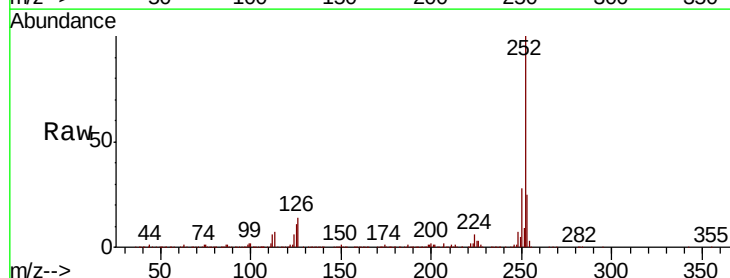
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	21.7	17.9	26.9

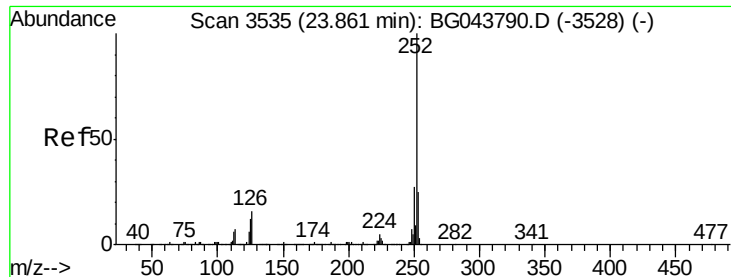


#88
Benzo(b)fluoranthene
Concen: 48.458 ng
RT: 23.79 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BG043791.D
Acq: 9 Dec 2019 14:47

Tgt Ion:252 Resp: 2304433

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.5	29.3
125	11.3	9.0	13.4





#89

Benzo(k)fluoranthene

Concen: 49.798 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

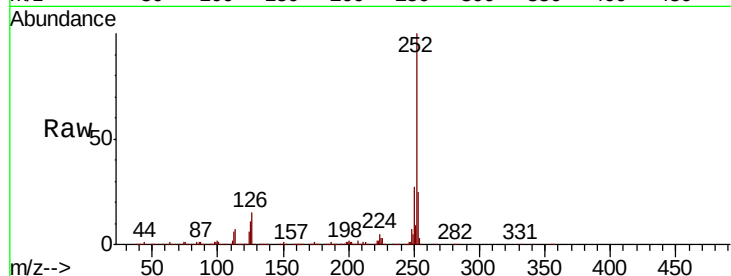
Tot Ion:252 Resp: 2272785

Ion Ratio Lower Upper

252 100

253 25.1 19.4 29.0

125 11.3 8.9 13.3

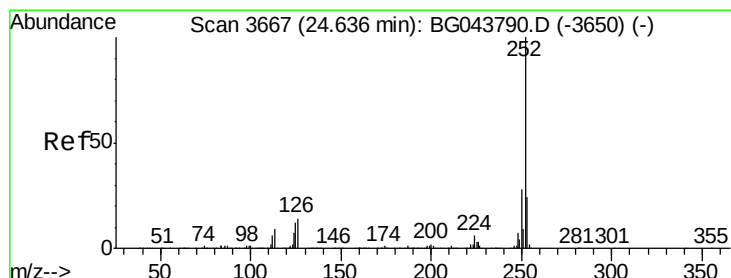
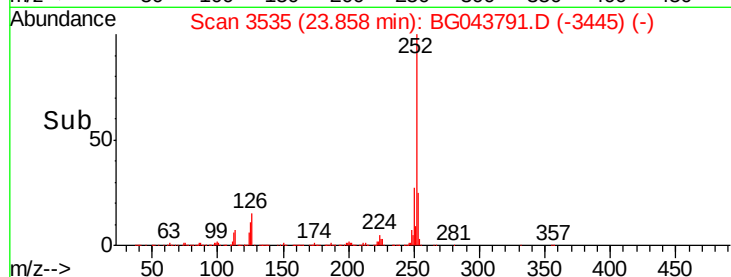
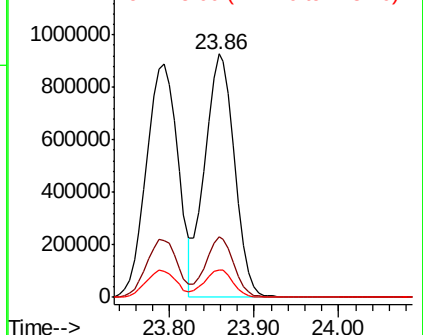


Abundance

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



#90

Benzo(a)pyrene

Concen: 49.725 ng

RT: 24.65 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

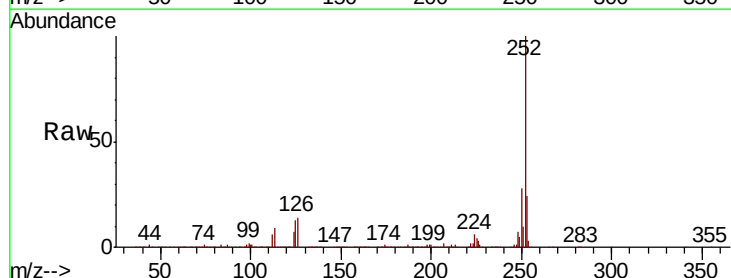
Tgt Ion:252 Resp: 2223585

Ion Ratio Lower Upper

252 100

253 24.0 19.1 28.7

125 12.7 9.4 14.0

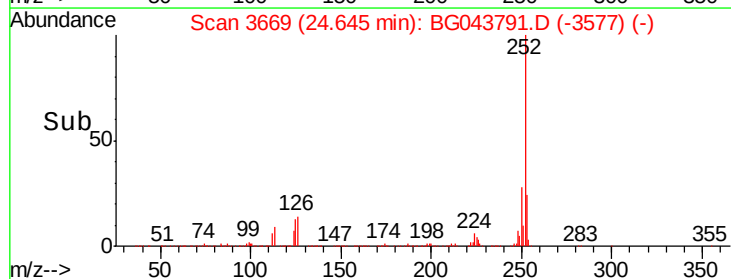
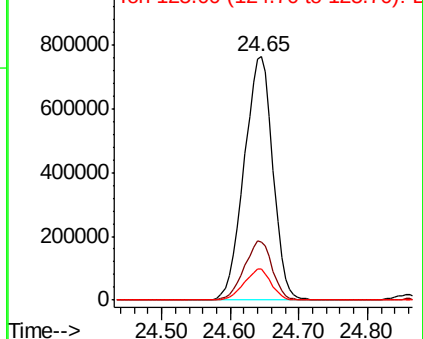


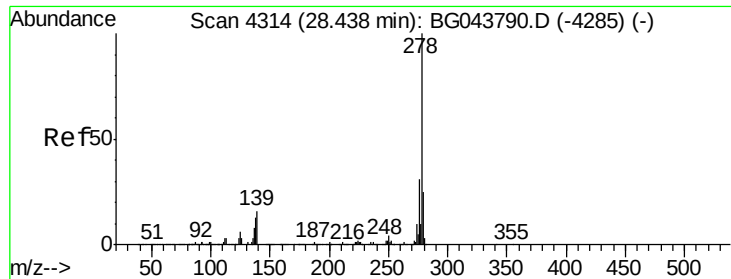
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.995 ng

RT: 28.45 min Scan# 4316

Delta R.T. 0.01 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

Instrument :

BNA_G

ClientSampleId :

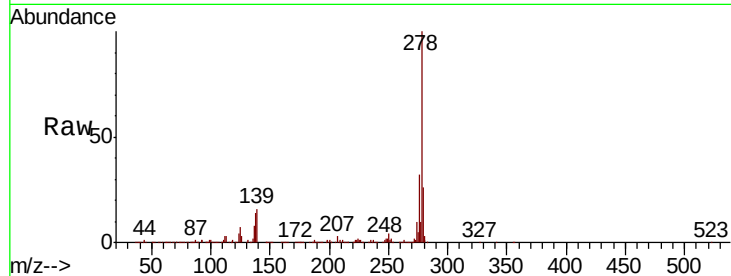
Tot Ion:278 Resp: 2211900

Ion Ratio Lower Upper

278 100

139 16.5 13.2 19.8

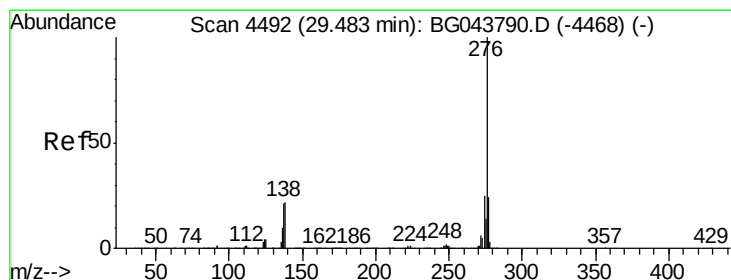
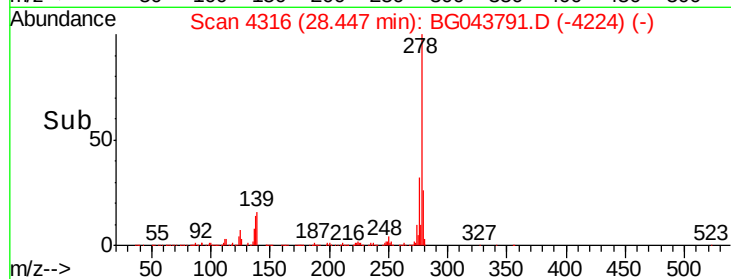
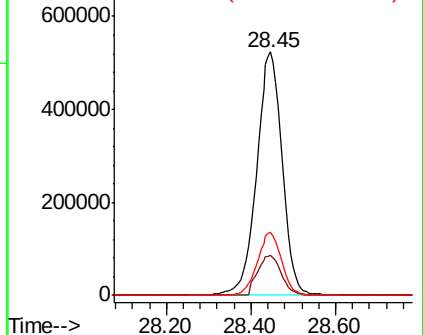
279 25.8 19.8 29.6



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: 50.980 ng

RT: 29.50 min Scan# 4495

Delta R.T. 0.02 min

Lab File: BG043791.D

Acq: 9 Dec 2019 14:47

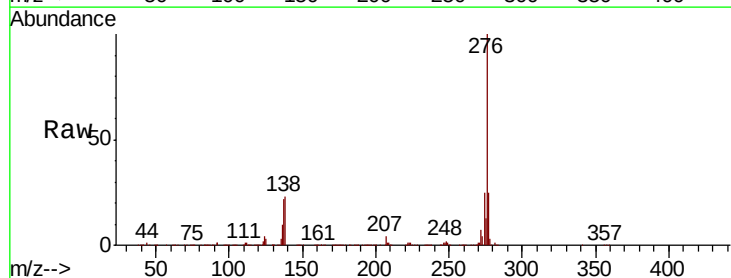
Tgt Ion:276 Resp: 2180635

Ion Ratio Lower Upper

276 100

277 25.1 19.3 28.9

138 22.5 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

