

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
 Data File : BG043291.D
 Acq On : 21 Oct 2019 10:29
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 15:18:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 15:08:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35751	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	143086	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	107763	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	249530	20.00	ng	0.00
76) Chrysene-d12	21.67	240	282562	20.00	ng	0.00
87) Perylene-d12	24.87	264	323621	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	76697	38.29	ng	0.00
7) Phenol-d6	7.20	99	111335	38.59	ng	0.00
23) Nitrobenzene-d5	9.19	82	113910	38.69	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	84129	45.40	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	324171	43.61	ng	0.00
79) Terphenyl-d14	20.01	244	658195	49.64	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	15273	18.286	ng	98
3) Pyridine	3.90	79	39627	16.869	ng	95
4) n-Nitrosodimethylamine	3.81	42	19173	16.972	ng	# 95
6) Aniline	7.35	93	63626	18.271	ng	97
8) 2-Chlorophenol	7.59	128	42778	20.476	ng	90
9) Benzaldehyde	7.16	77	29703	16.850	ng	# 77
10) Phenol	7.23	94	50188	18.962	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	39585	19.330	ng	97
12) 1,3-Dichlorobenzene	7.92	146	54020	20.269	ng	92
13) 1,4-Dichlorobenzene	8.06	146	55639	20.942	ng	98
14) 1,2-Dichlorobenzene	8.38	146	53407	21.115	ng	95
15) Benzyl Alcohol	8.27	79	35883	16.544	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.55	45	58674	14.919	ng	96
17) 2-Methylphenol	8.48	107	37277	20.128	ng	91
18) Hexachloroethane	9.11	117	19811	19.800	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	36833	19.444	ng	99
20) 3+4-Methylphenols	8.81	107	49962	19.686	ng	93
22) Acetophenone	8.85	105	74429	20.180	ng	# 99
24) Nitrobenzene	9.23	77	53766	19.148	ng	99
25) Isophorone	9.75	82	103290	19.975	ng	99
26) 2-Nitrophenol	9.94	139	24402	20.414	ng	91
27) 2,4-Dimethylphenol	10.01	122	37376	20.360	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	56442	19.238	ng	99
29) 2,4-Dichlorophenol	10.49	162	46410	20.328	ng	92
30) 1,2,4-Trichlorobenzene	10.70	180	59807	20.285	ng	100
31) Naphthalene	10.88	128	150451	21.360	ng	97
32) Benzoic acid	10.13	122	17161	12.386	ng	91
33) 4-Chloroaniline	11.00	127	56269	18.410	ng	97
34) Hexachlorobutadiene	11.17	225	45262	20.503	ng	92
35) Caprolactam	11.75	113	15484	19.232	ng	# 90
36) 4-Chloro-3-methylphenol	12.12	107	50010	20.146	ng	89
37) 2-Methylnaphthalene	12.49	142	114618	21.331	ng	99
38) 1-Methylnaphthalene	12.70	142	108750	21.389	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	80230	19.801	ng	99

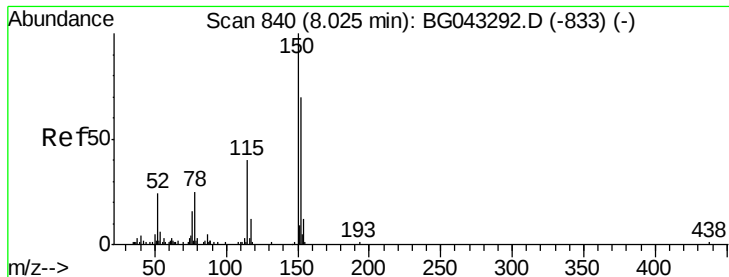
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
 Data File : BG043291.D
 Acq On : 21 Oct 2019 10:29
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Quant Time: Oct 21 15:18:15 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	38475	14.903	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	46724	19.702	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	47690	19.521	nq	99
46) 1,1'-Biphenyl	13.49	154	166267	20.346	nq	100
47) 2-Chloronaphthalene	13.53	162	128220	20.927	nq	97
48) 2-Nitroaniline	13.74	65	36522	17.925	nq	93
49) Acenaphthylene	14.37	152	197346	21.049	nq	96
50) Dimethylphthalate	14.10	163	170007	21.055	nq	97
51) 2,6-Dinitrotoluene	14.22	165	36070	20.977	nq	96
52) Acenaphthene	14.71	154	120516	19.205	nq	98
53) 3-Nitroaniline	14.56	138	36204	20.374	nq	# 90
54) 2,4-Dinitrophenol	14.77	184	16116	15.079	nq	97
55) Dibenzofuran	15.05	168	195642	21.075	nq	100
56) 4-Nitrophenol	14.89	139	19889	14.690	nq	88
57) 2,4-Dinitrotoluene	15.01	165	53063	21.073	nq	98
58) Fluorene	15.70	166	164238	20.723	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50246	19.316	nq	# 96
60) Diethylphthalate	15.47	149	172830	21.033	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	96816	20.369	nq	93
62) 4-Nitroaniline	15.73	138	32877	16.964	nq	91
63) Azobenzene	15.98	77	138745	18.546	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	28005	19.834	nq	91
66) n-Nitrosodiphenylamine	15.91	169	143861	21.839	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	68630	21.914	nq	97
68) Hexachlorobenzene	16.71	284	78900	22.626	nq	99
69) Atrazine	16.85	200	57749	20.819	nq	97
70) Pentachlorophenol	17.05	266	33157	16.479	nq	95
71) Phenanthrene	17.44	178	268479	22.039	nq	99
72) Anthracene	17.53	178	264121	21.718	nq	98
73) Carbazole	17.81	167	241134	21.381	nq	99
74) Di-n-butylphthalate	18.36	149	292595	21.745	nq	97
75) Fluoranthene	19.45	202	354188	21.981	nq	99
77) Benzidine	19.64	184	125605	17.753	nq	97
78) Pyrene	19.81	202	367036	21.763	nq	98
80) Butylbenzylphthalate	20.70	149	131733	20.578	nq	93
81) Benzo(a)anthracene	21.65	228	366227	20.801	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	142593	20.650	nq	99
83) Chrysene	21.71	228	360897	21.123	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	185840	20.402	nq	100
85) Di-n-octyl phthalate	22.75	149	320176	21.495	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	431731	20.298	nq	98
88) Benzo(b)fluoranthene	23.85	252	371754	20.302	nq	97
89) Benzo(k)fluoranthene	23.92	252	384093	21.203	nq	100
90) Benzo(a)pyrene	24.72	252	355276	20.565	nq	99
91) Dibenzo(a,h)anthracene	28.57	278	356048	20.098	nq	100
92) Benzo(g,h,i)perylene	29.64	276	349585	20.367	nq	98

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

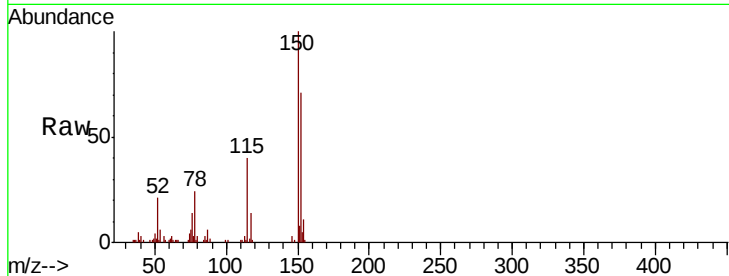


#1

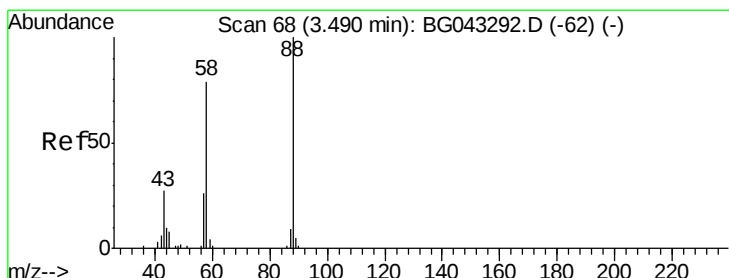
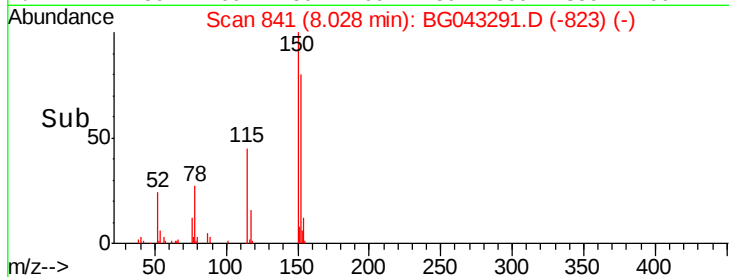
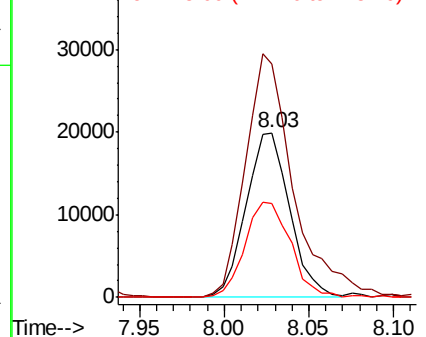
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.3	113.6	170.4
115	57.0	45.9	68.9



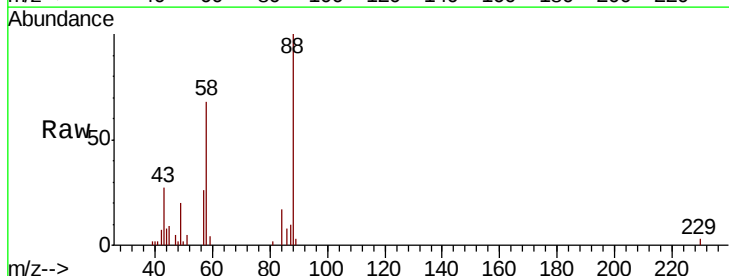
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



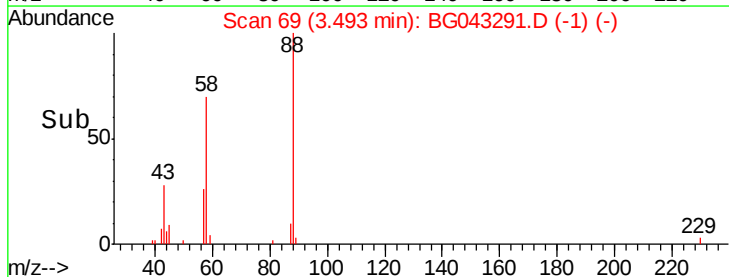
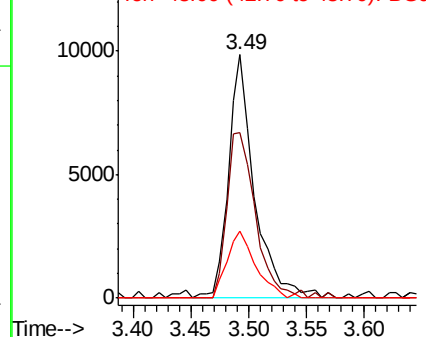
#2

1,4-Dioxane
Concen: 18.286 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.0	60.2	90.2
43	30.3	22.7	34.1



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: 16.869 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

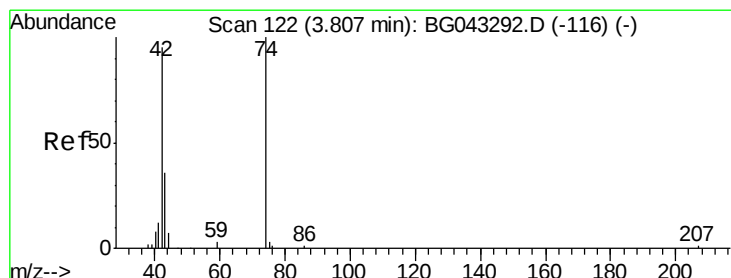
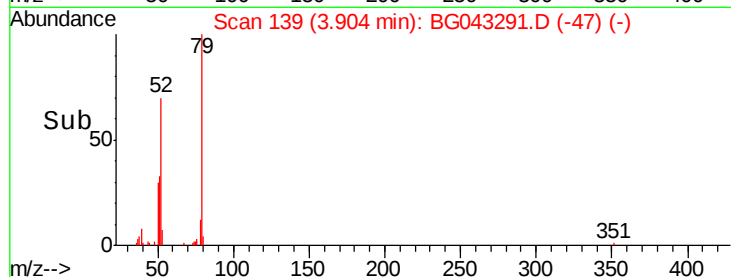
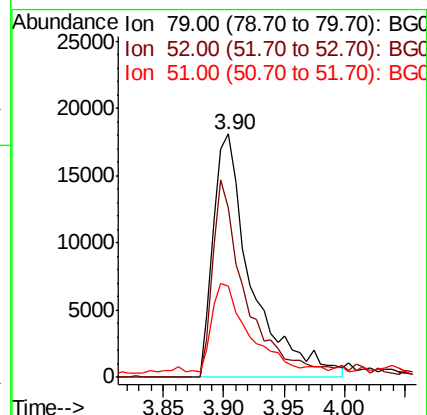
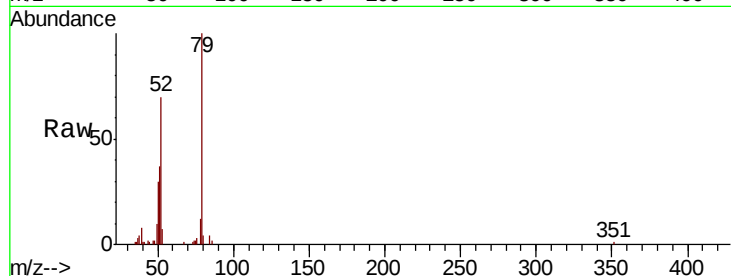
Tot Ion: 79 Resp: 39627

Ion Ratio Lower Upper

79 100

52 69.8 59.7 89.5

51 37.3 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 16.972 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

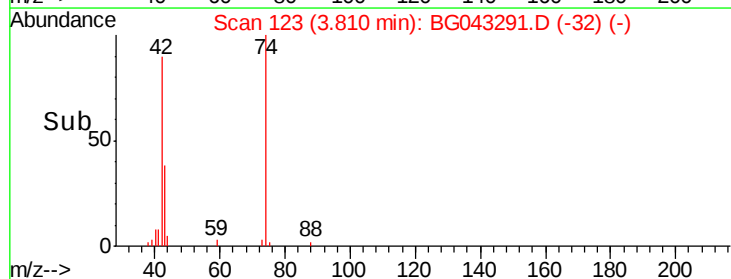
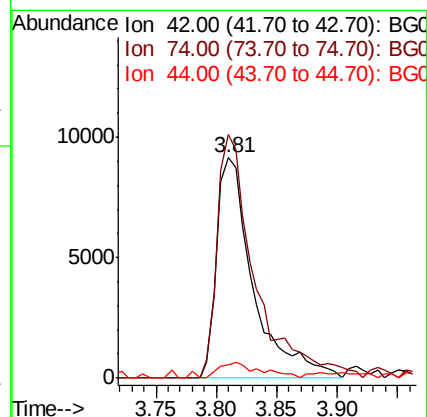
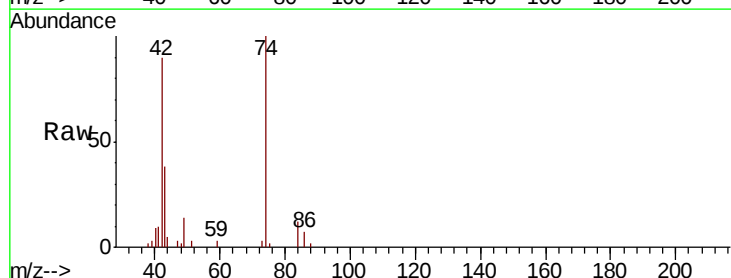
Tgt Ion: 42 Resp: 19173

Ion Ratio Lower Upper

42 100

74 110.6 84.2 126.2

44 5.8 6.0 9.0#





#5

2-Fluorophenol

Concen: 38.286 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampled :

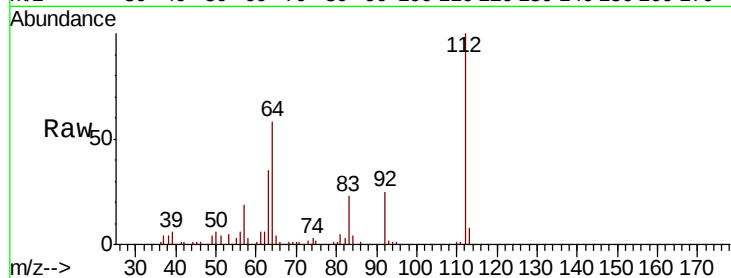
Tot Ion:112 Resp: 76697

Ion Ratio Lower Upper

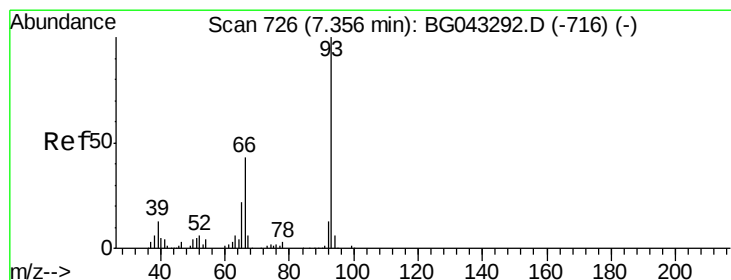
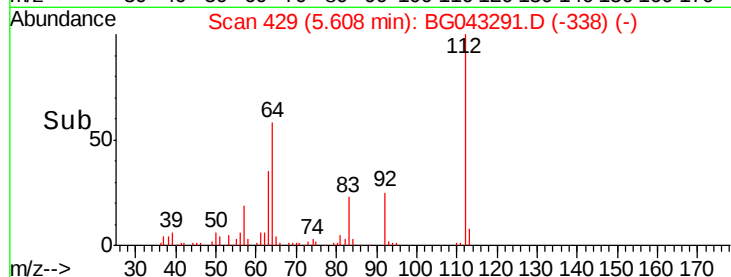
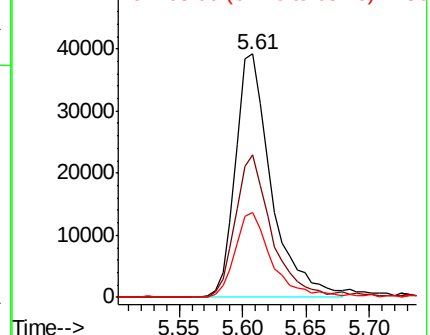
112 100

64 58.3 50.2 75.2

63 35.0 26.7 40.1



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: 18.271 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

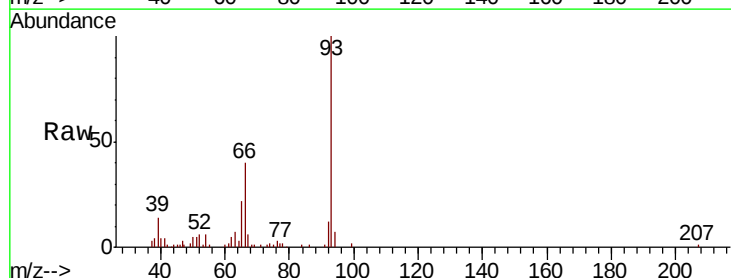
Tgt Ion: 93 Resp: 63626

Ion Ratio Lower Upper

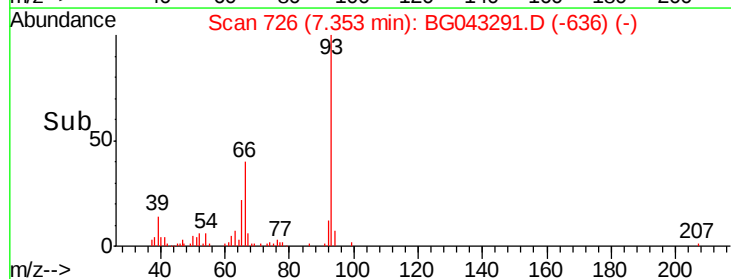
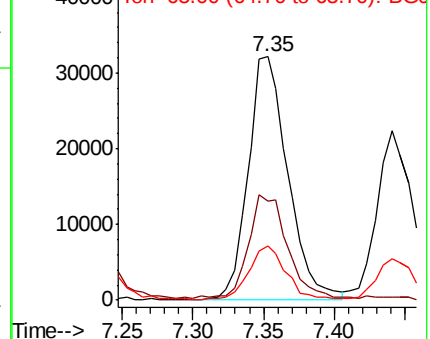
93 100

66 40.5 34.5 51.7

65 22.4 18.0 27.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 38.593 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

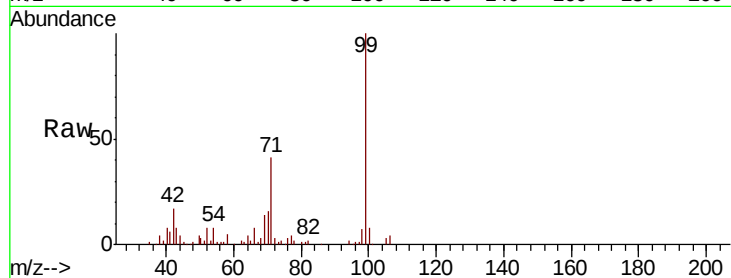
Tot Ion: 99 Resp: 111335

Ion Ratio Lower Upper

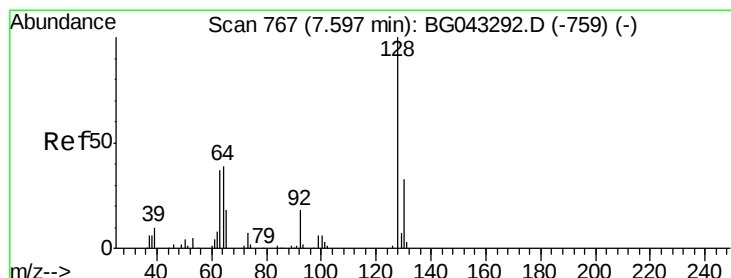
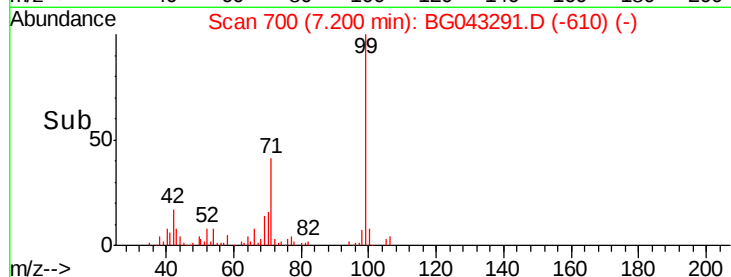
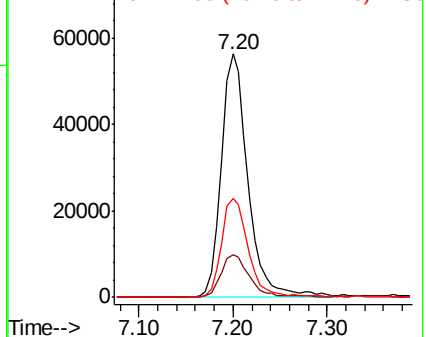
99 100

42 17.3 14.9 22.3

71 40.8 32.2 48.2



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



#8

2-Chlorophenol

Concen: 20.476 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

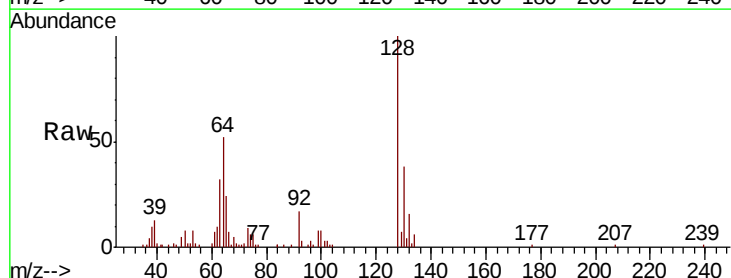
Tgt Ion: 128 Resp: 42778

Ion Ratio Lower Upper

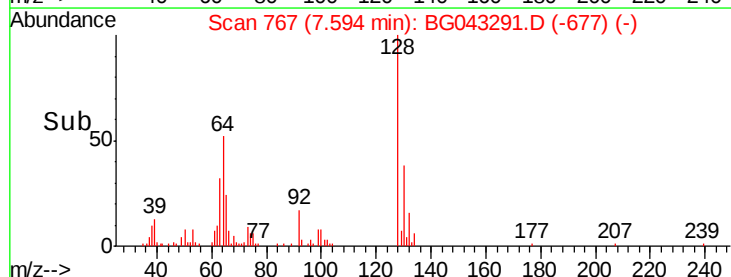
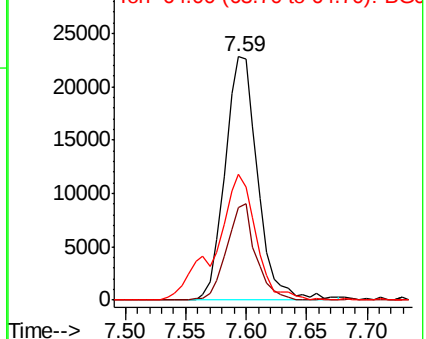
128 100

130 38.2 12.9 52.9

64 51.6 24.9 64.9



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





#9

Benzaldehyde

Concen: 16.850 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

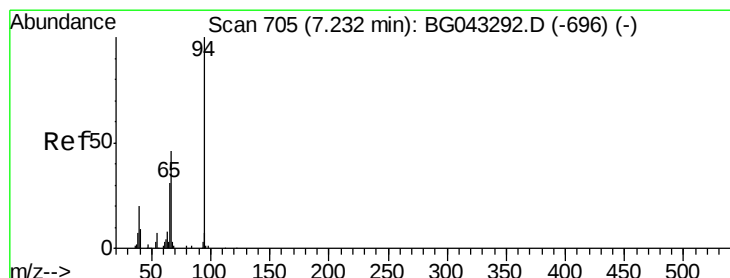
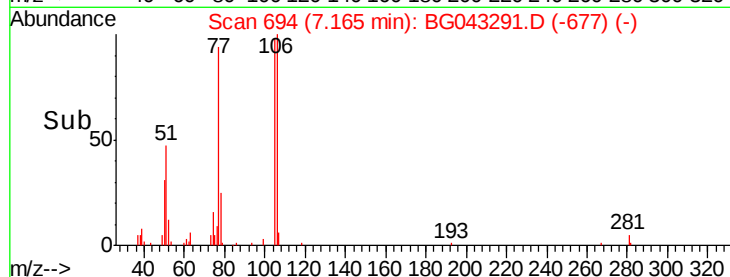
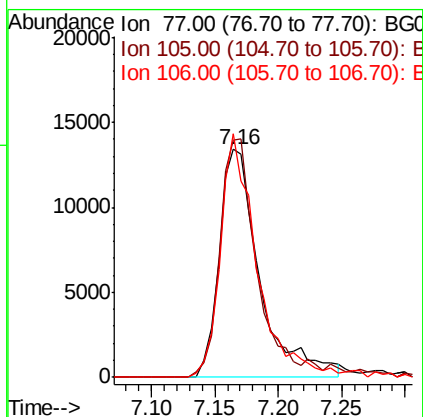
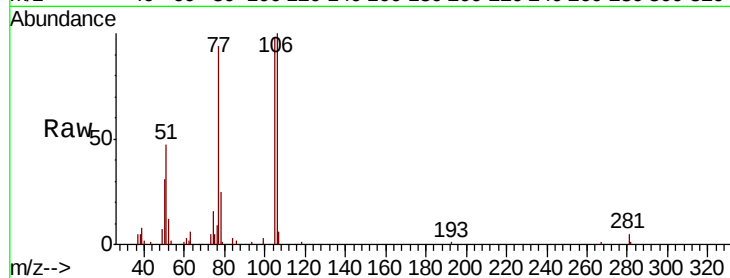
Tot Ion: 77 Resp: 29703

Ion Ratio Lower Upper

77 100

105 104.3 68.7 108.7

106 106.8 60.5 100.5#



#10

Phenol

Concen: 18.962 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

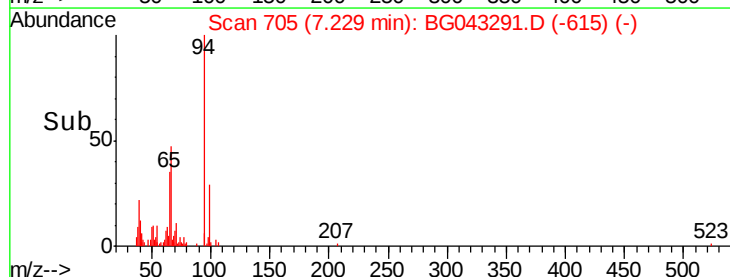
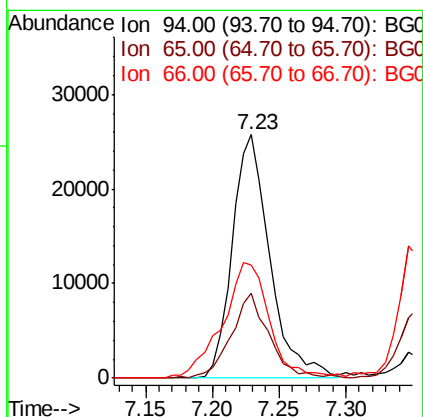
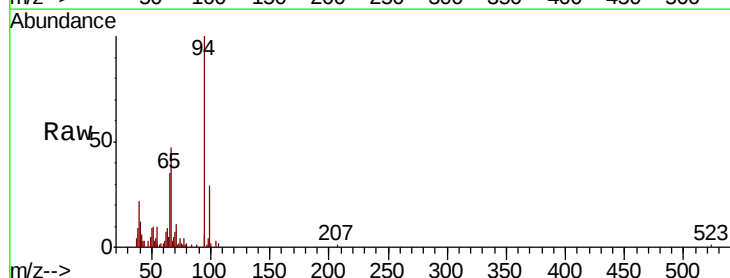
Tgt Ion: 94 Resp: 50188

Ion Ratio Lower Upper

94 100

65 34.8 11.1 51.1

66 46.5 27.8 67.8



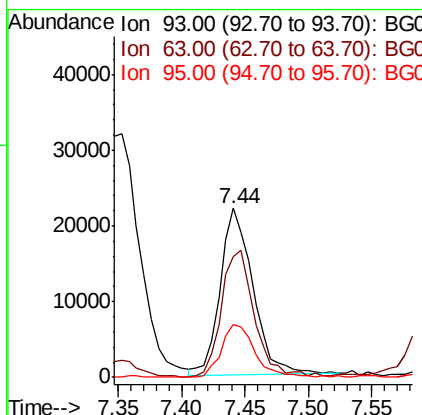
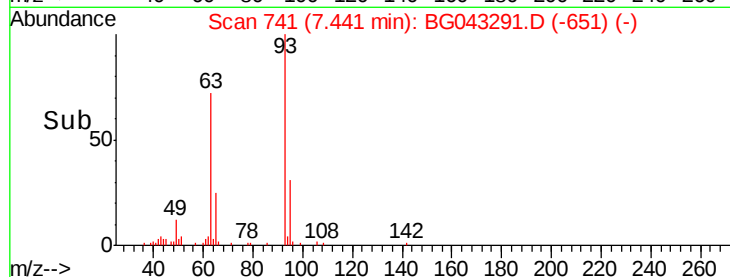
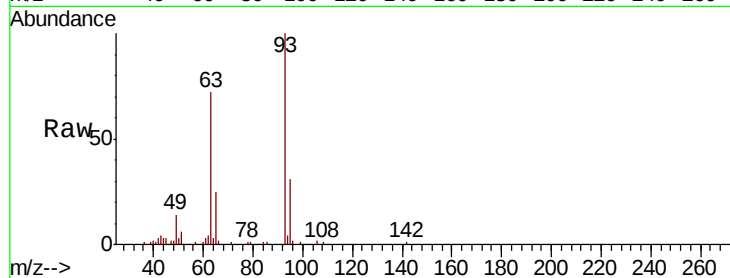


#11
bis(2-Chloroethyl)ether
Concen: 19.330 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 39585

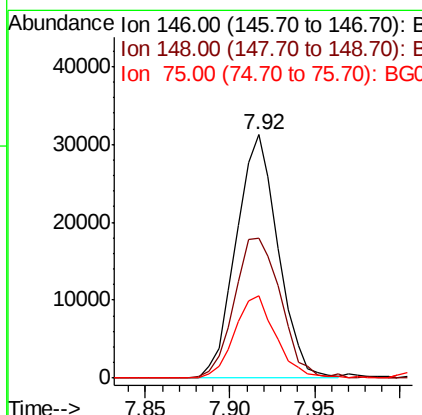
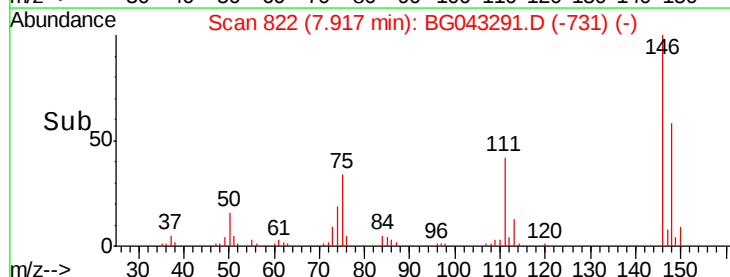
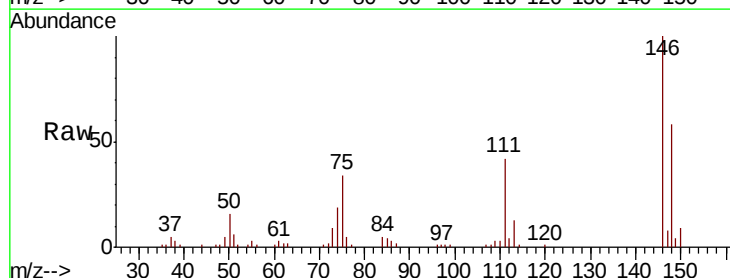
Ion	Ratio	Lower	Upper
93	100		
63	71.8	54.6	94.6
95	31.3	9.7	49.7

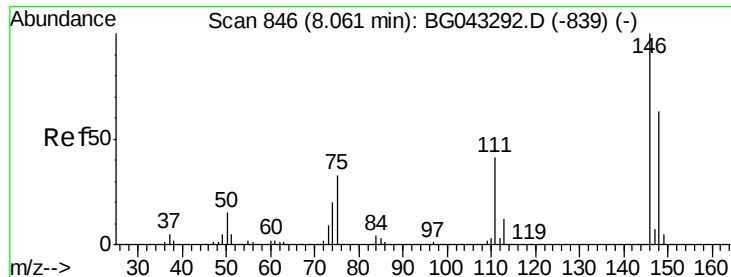


#12
1,3-Dichlorobenzene
Concen: 20.269 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion: 146 Resp: 54020

Ion	Ratio	Lower	Upper
146	100		
148	57.7	53.4	80.2
75	33.6	27.0	40.4

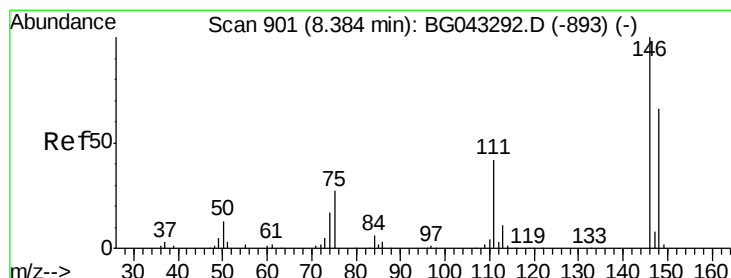
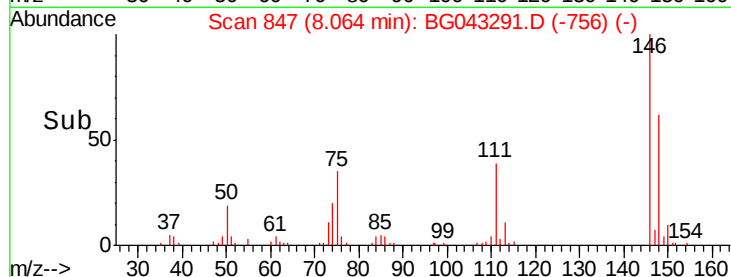
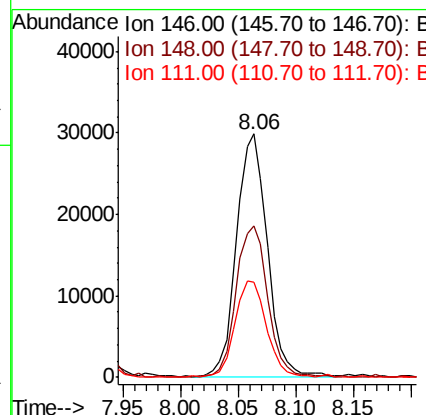
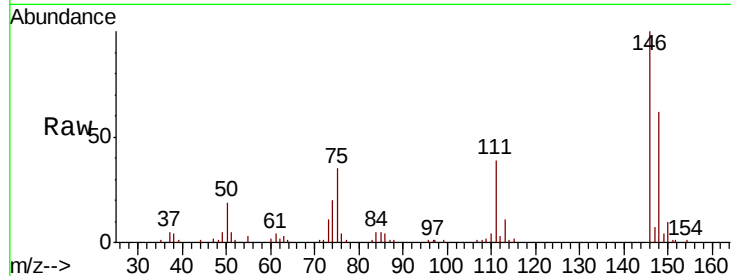




#13
 1,4-Dichlorobenzene
 Concen: 20.942 ng
 RT: 8.06 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

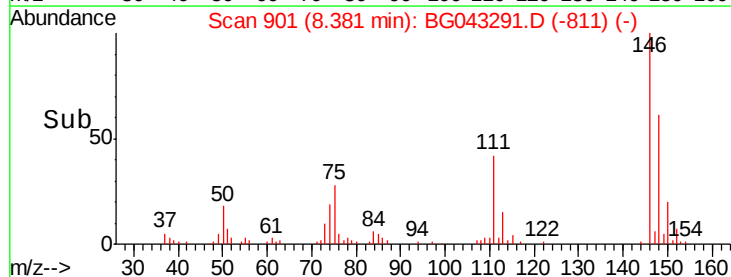
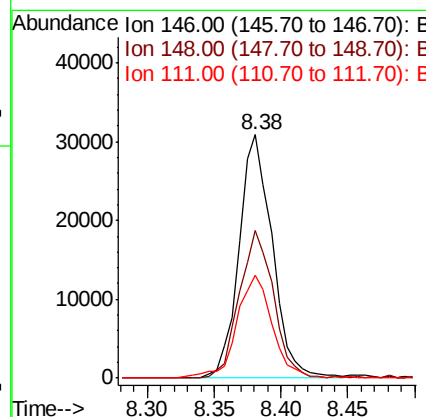
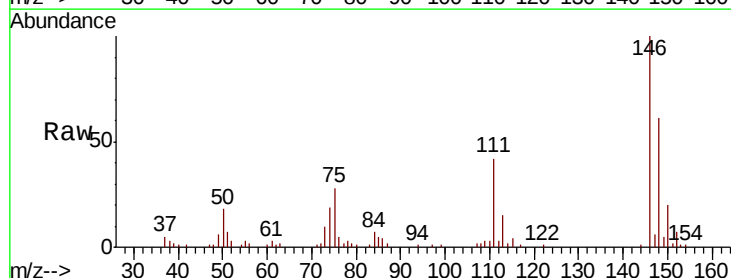
Instrument :
 BNA_G
 ClientSampleId :

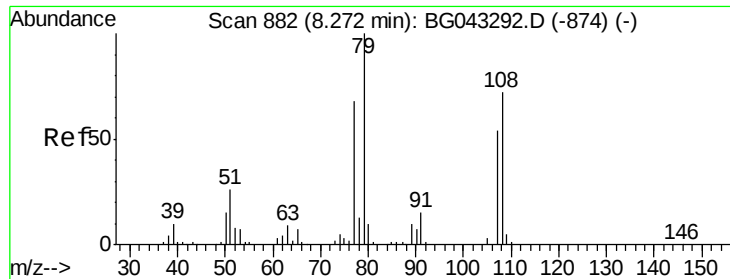
Tot Ion:146 Resp: 55639
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.7 76.1
 111 39.2 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 21.115 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

Tgt Ion:146 Resp: 53407
 Ion Ratio Lower Upper
 146 100
 148 60.8 53.0 79.4
 111 42.0 34.5 51.7

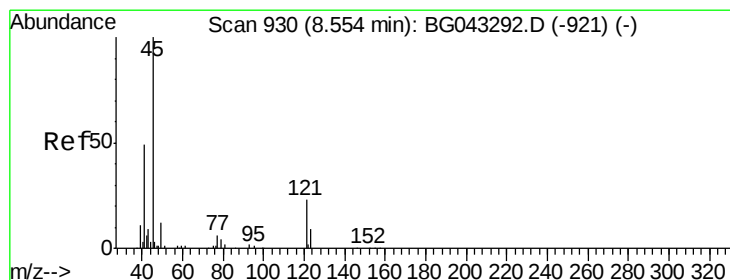
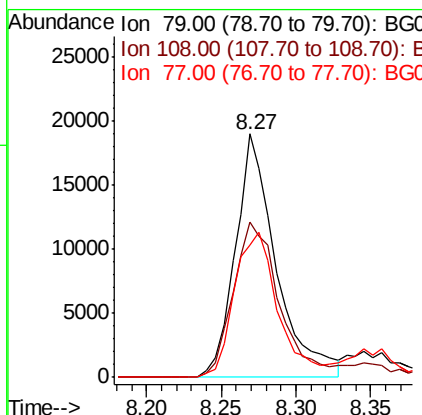
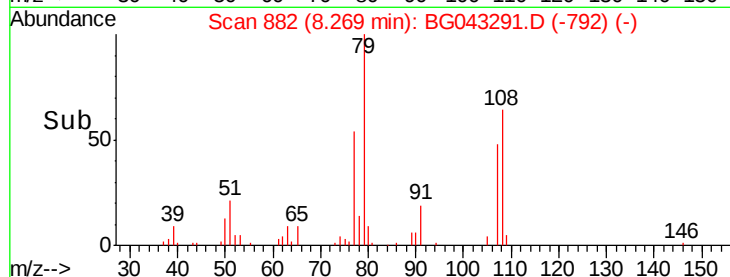
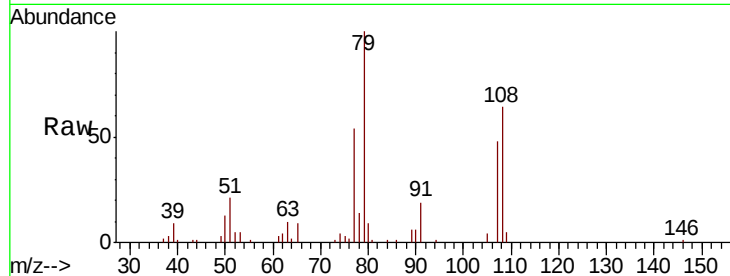




#15
Benzyl Alcohol
Concen: 16.544 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

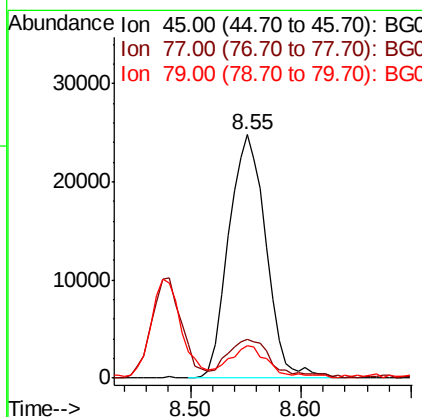
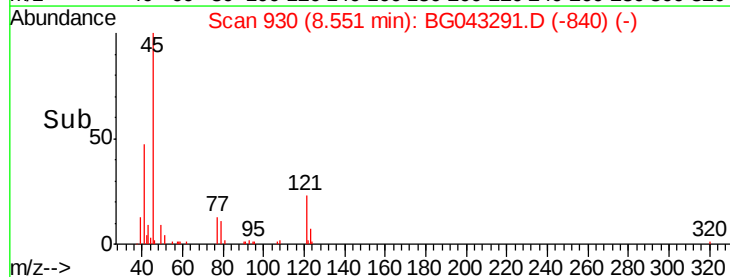
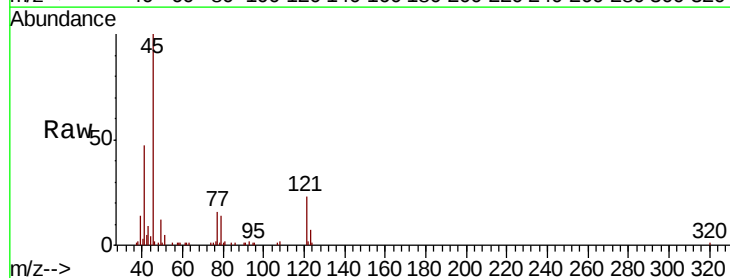
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 35883
Ion Ratio Lower Upper
79 100
108 63.8 57.3 85.9
77 54.2 54.6 81.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.919 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion: 45 Resp: 58674
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.2
79 13.5 0.0 32.3





#17

2-Methylphenol

Concen: 20.128 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 37277

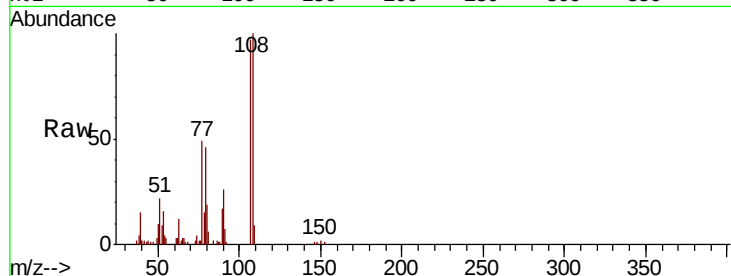
Ion Ratio Lower Upper

107 100

108 103.2 91.3 136.9

77 50.2 43.0 64.6

79 47.7 43.4 65.2

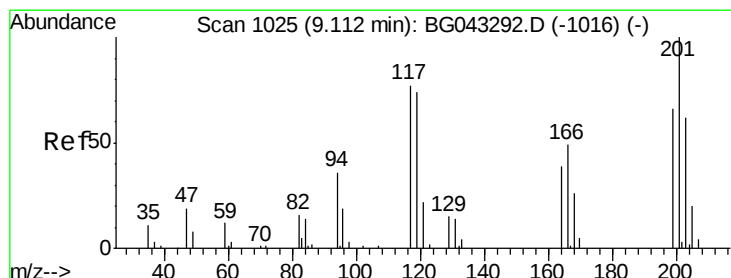
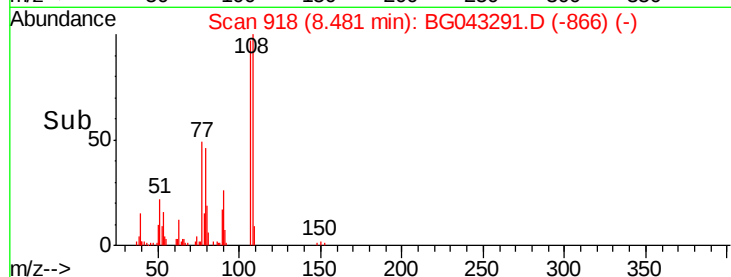
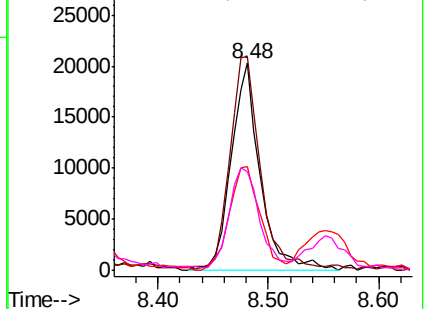


Abundance Ion 107.00 (106.70 to 107.70): E

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: 19.800 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

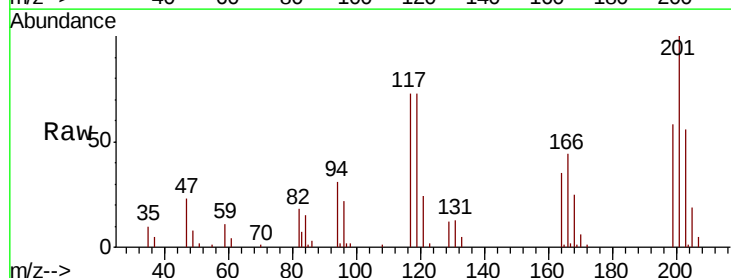
Tgt Ion:117 Resp: 19811

Ion Ratio Lower Upper

117 100

119 100.8 77.3 115.9

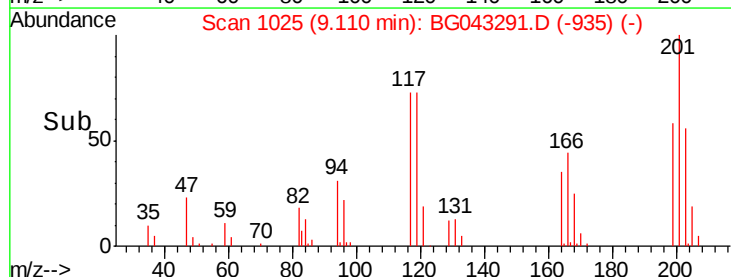
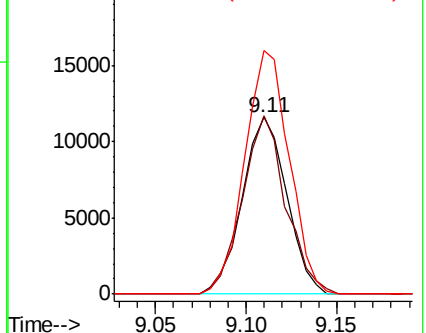
201 137.9 104.2 156.4

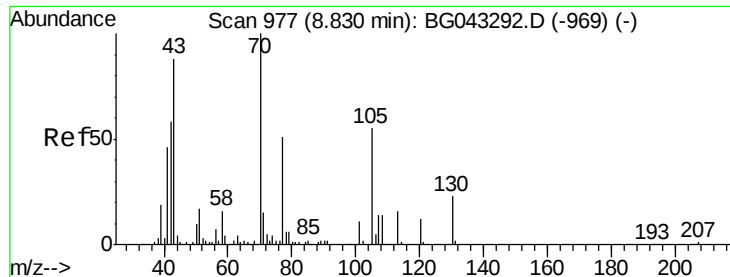


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

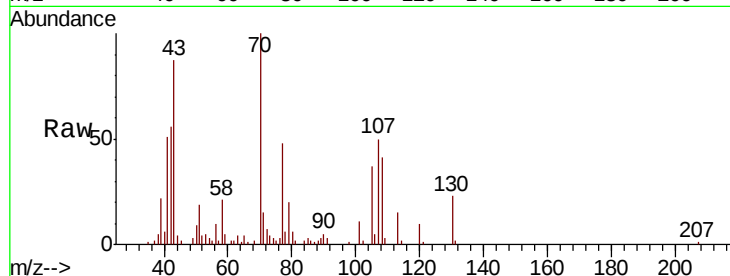




#19
n-Nitroso-di-n-propylamine
Concen: 19.444 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	36833
Ion	Ratio	Lower	Upper
70	100		
42	56.4	46.2	69.2
101	10.5	8.6	13.0
130	23.1	18.6	27.8



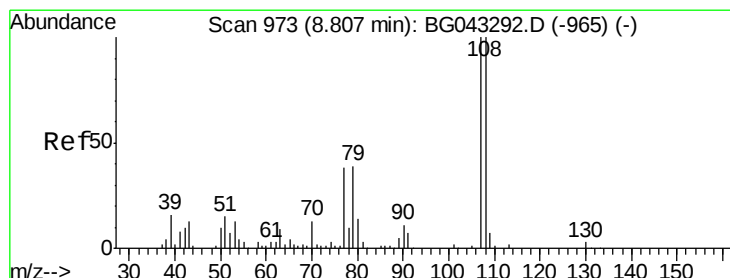
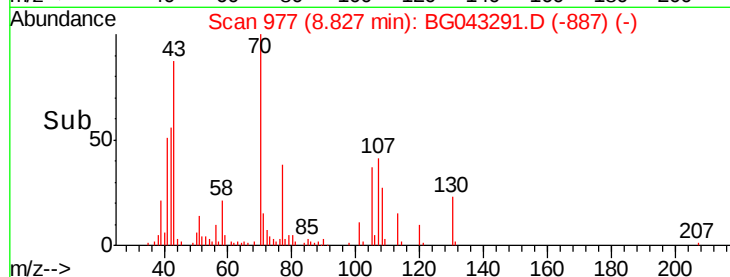
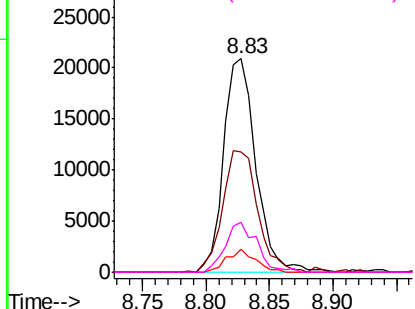
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

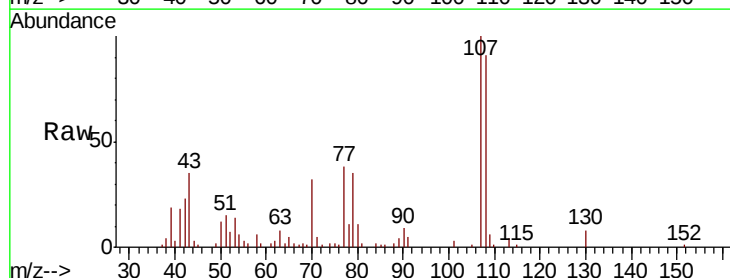
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 19.686 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion:	107	Resp:	49962
Ion	Ratio	Lower	Upper
107	100		
108	91.0	80.3	120.3
77	37.8	18.2	58.2
79	34.8	18.8	58.8



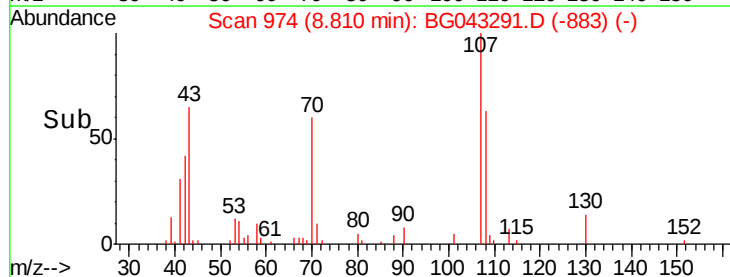
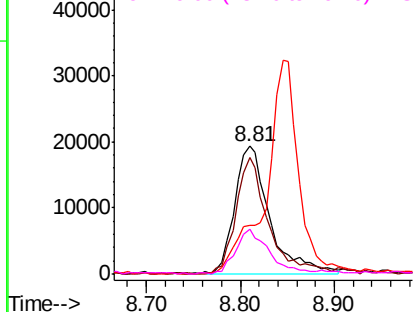
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 143086

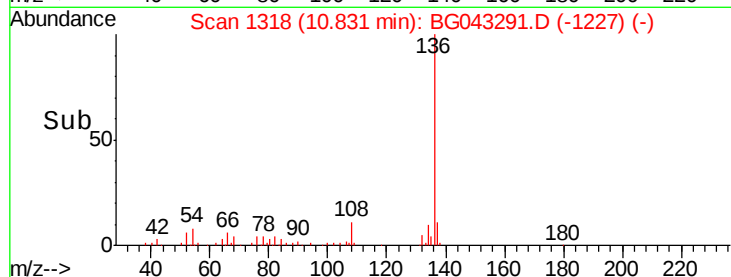
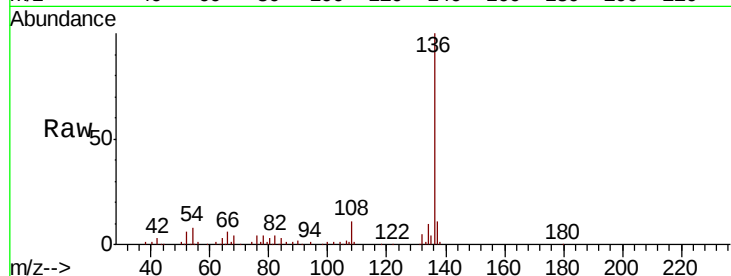
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.2

54 8.0 5.4 8.2

68 4.2 3.3 4.9

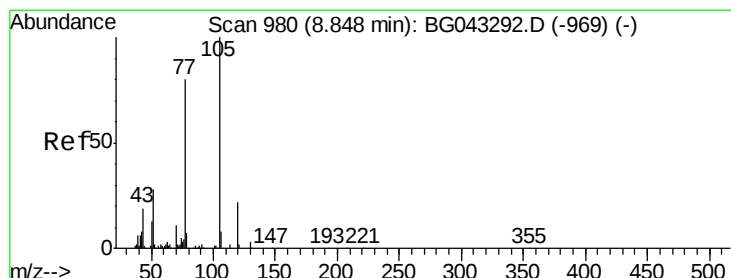
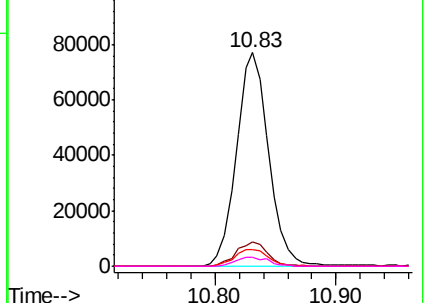


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 20.180 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Tgt Ion:105 Resp: 74429

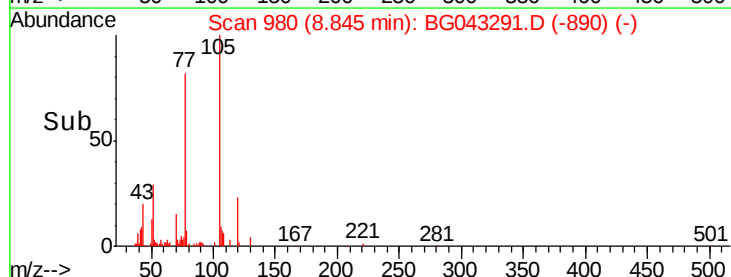
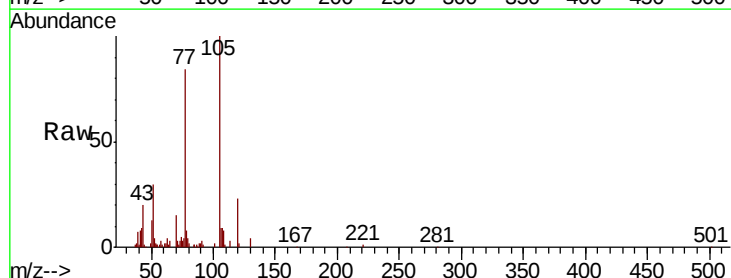
Ion Ratio Lower Upper

105 100

71 2.8 1.5 2.3#

51 29.9 23.9 35.9

120 22.8 17.3 25.9

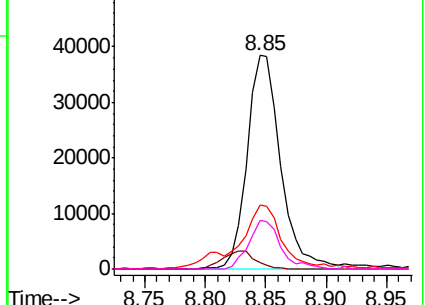


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

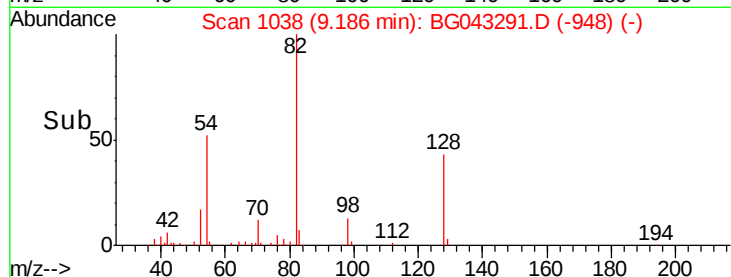
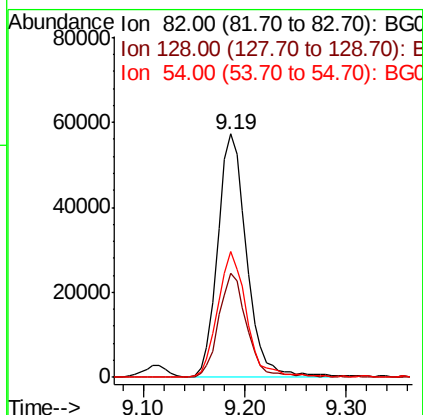
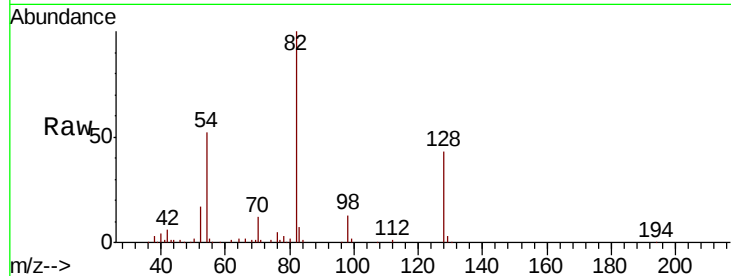




#23
Nitrobenzene-d5
Concen: 38.694 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

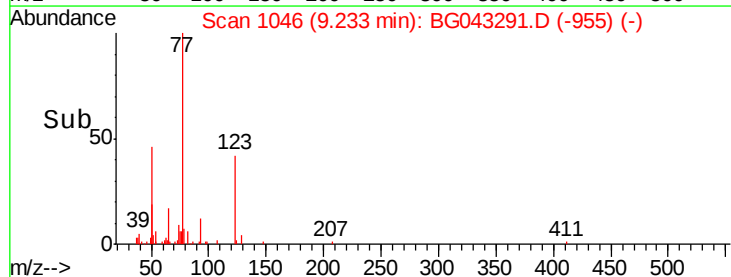
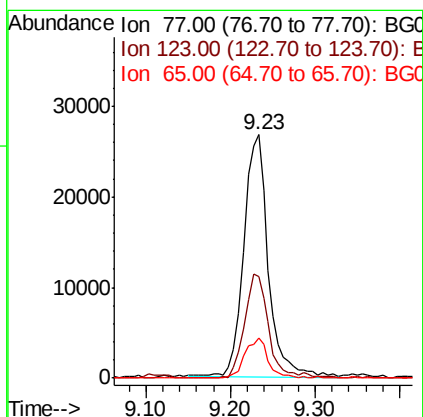
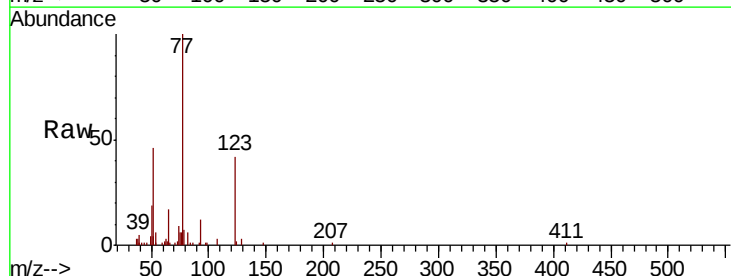
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	113910
Ion Ratio	100	Lower	Upper
128	42.6	35.3	52.9
54	51.7	42.3	63.5



#24
Nitrobenzene
Concen: 19.148 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion	77	Resp	53766
Ion Ratio	100	Lower	Upper
123	41.6	33.8	50.8
65	16.5	13.0	19.4





#25

Isophorone

Concen: 19.975 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

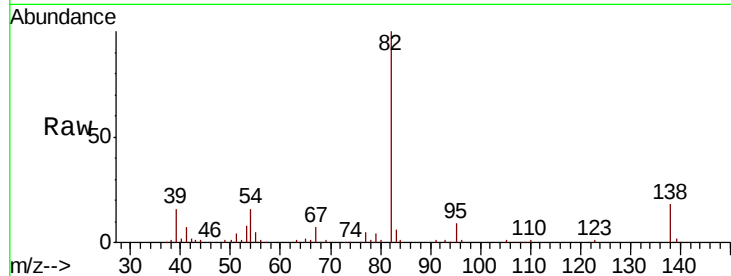
Tot Ion: 82 Resp: 103290

Ion Ratio Lower Upper

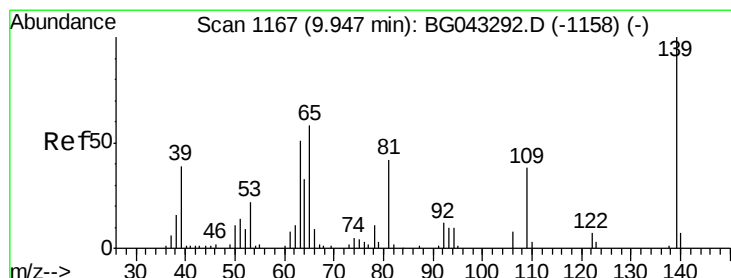
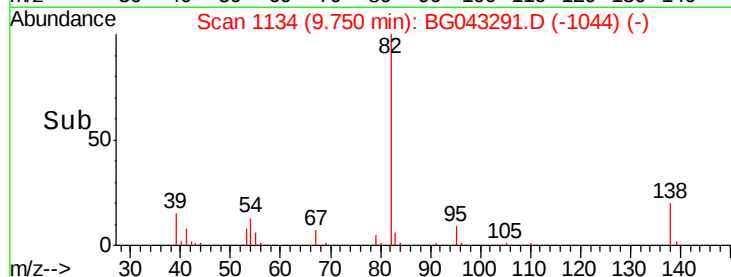
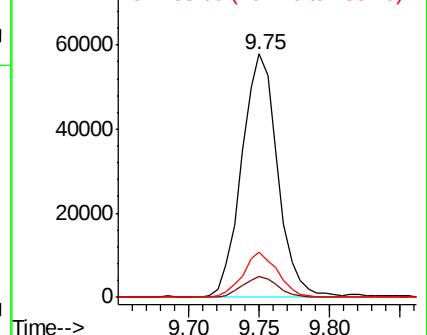
82 100

95 8.8 6.9 10.3

138 18.3 14.2 21.2



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



#26

2-Nitrophenol

Concen: 20.414 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

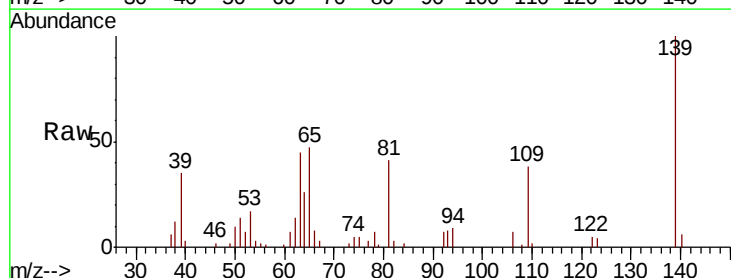
Tgt Ion: 139 Resp: 24402

Ion Ratio Lower Upper

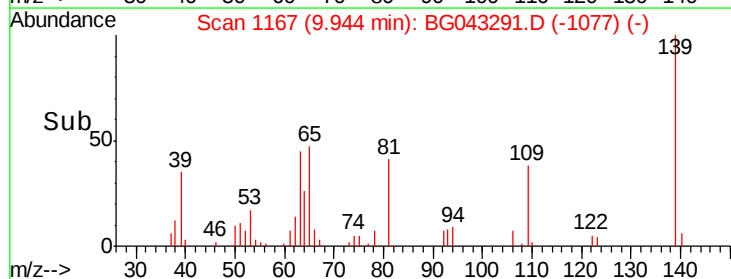
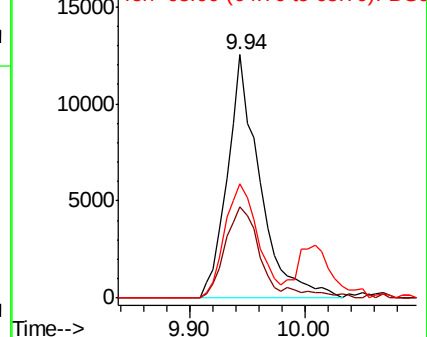
139 100

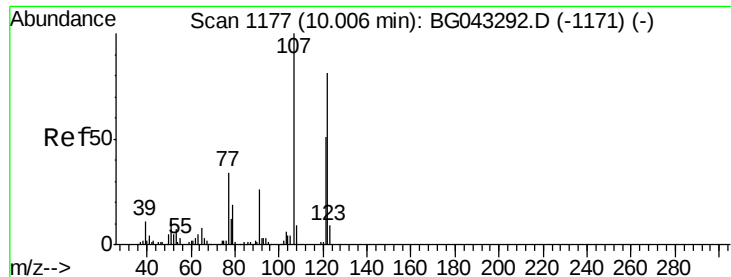
109 37.7 30.1 45.1

65 47.1 46.1 69.1



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

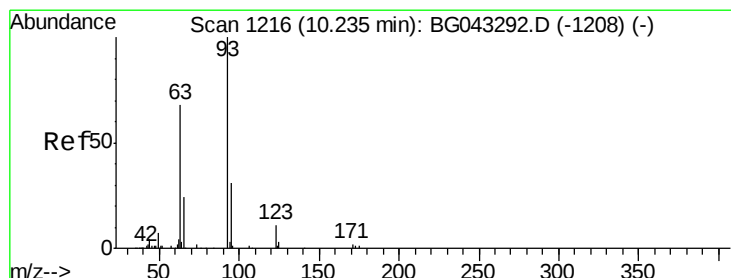
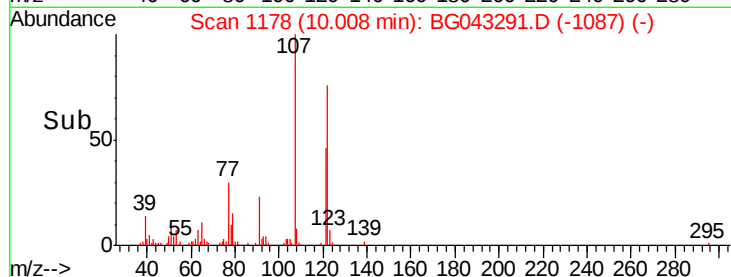
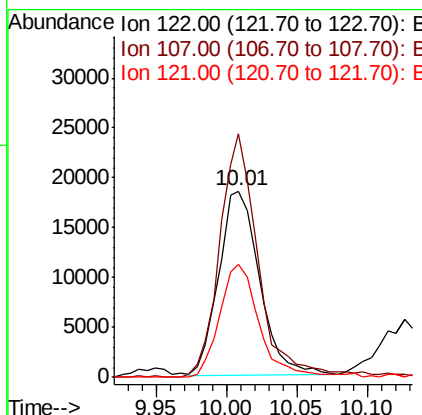
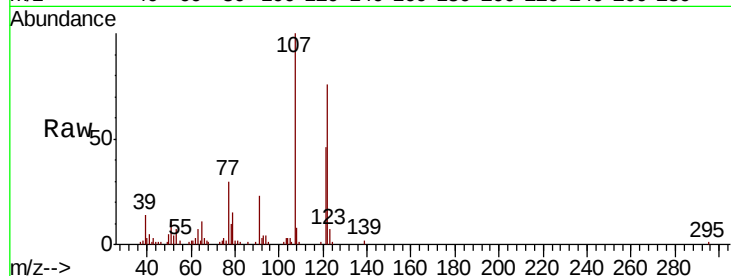




#27
 2,4-Dimethylphenol
 Concen: 20.360 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

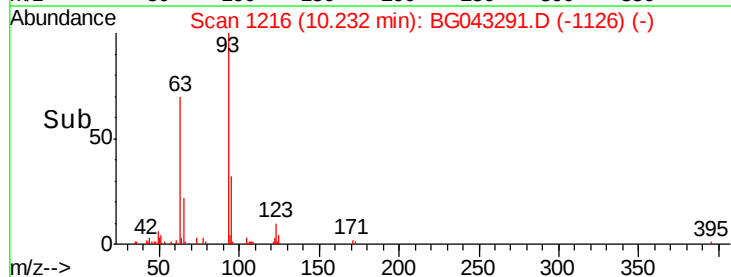
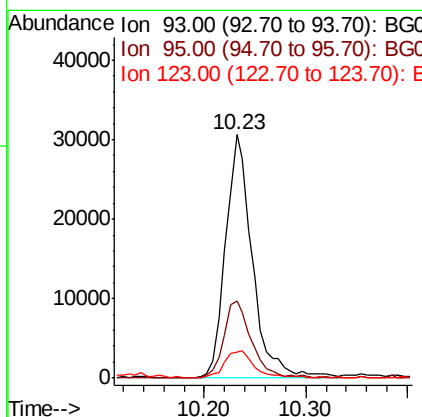
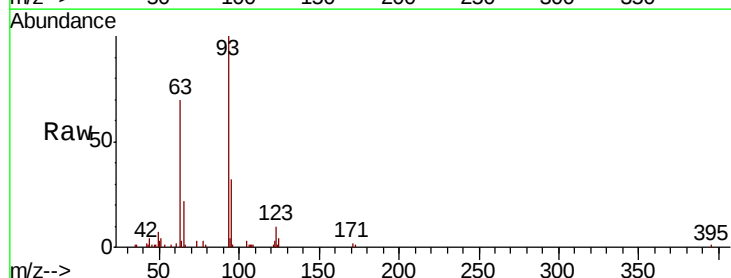
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 37376
 Ion Ratio Lower Upper
 122 100
 107 130.8 98.6 147.8
 121 60.7 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 19.238 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

Tgt Ion: 93 Resp: 56442
 Ion Ratio Lower Upper
 93 100
 95 31.7 24.9 37.3
 123 10.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 20.328 ng

RT: 10.49 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

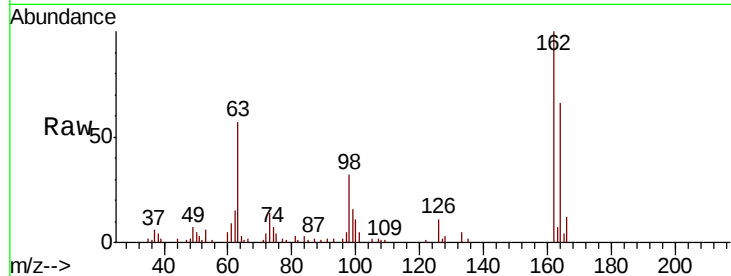
Tot Ion:162 Resp: 46410

Ion Ratio Lower Upper

162 100

164 66.0 37.3 77.3

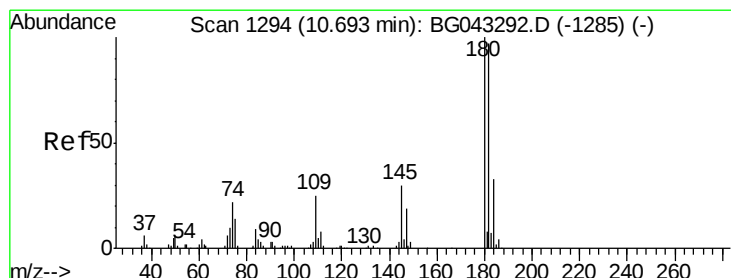
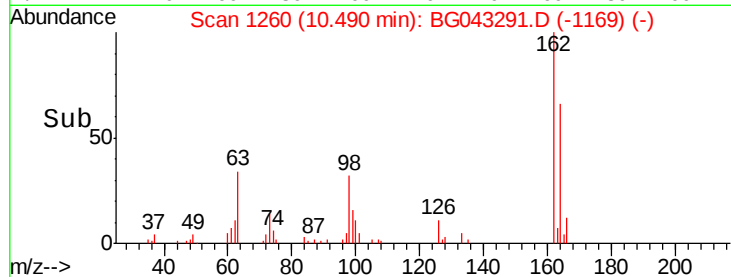
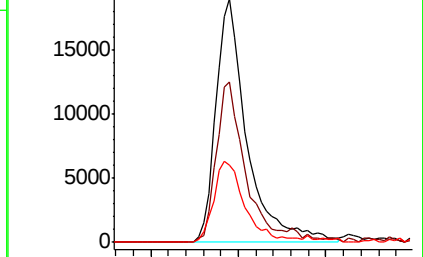
98 31.7 11.8 51.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 20.285 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

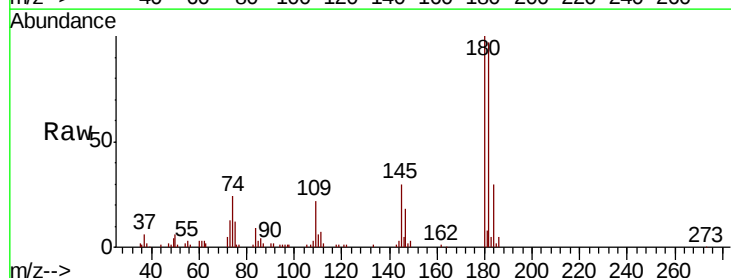
Tgt Ion:180 Resp: 59807

Ion Ratio Lower Upper

180 100

182 97.1 77.8 116.8

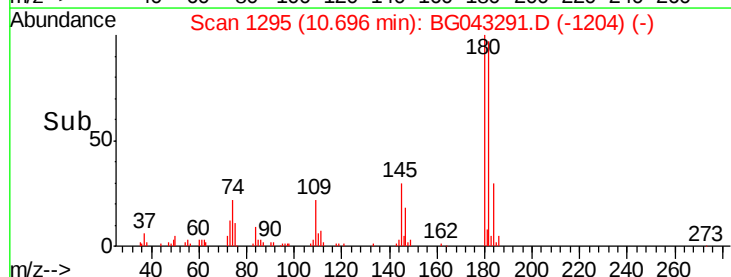
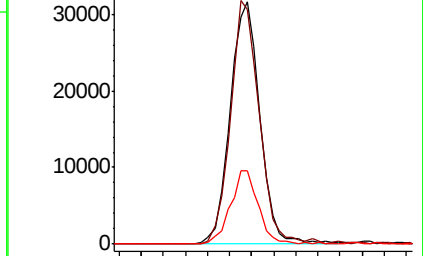
145 30.1 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

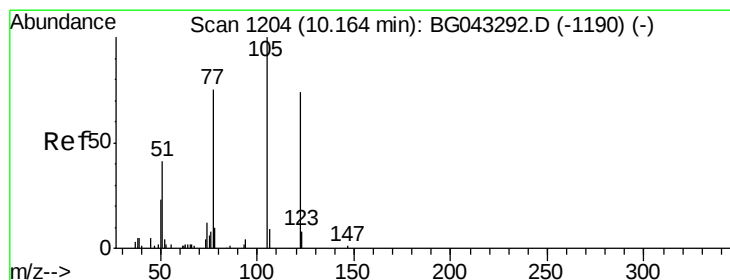
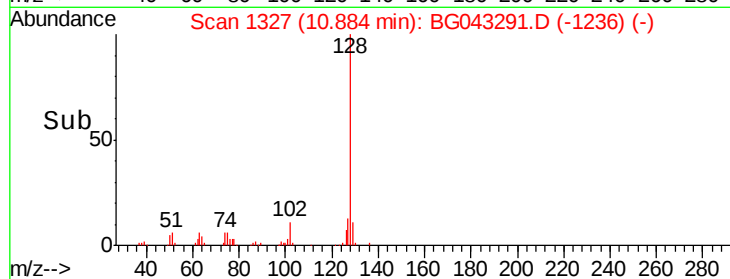
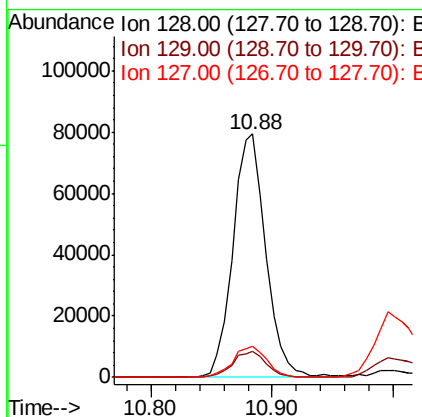
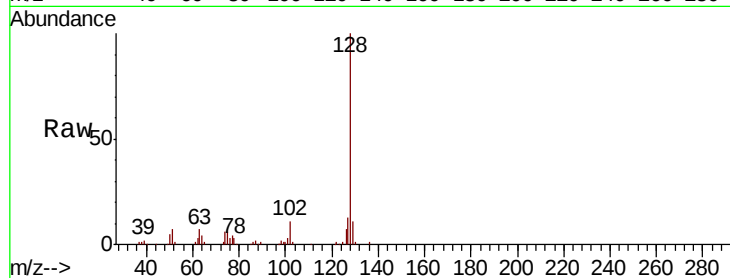




#31
Naphthalene
Concen: 21.360 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

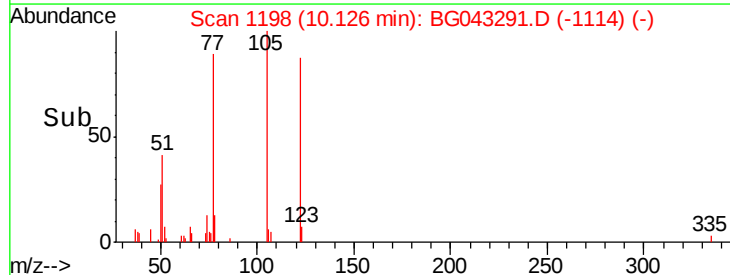
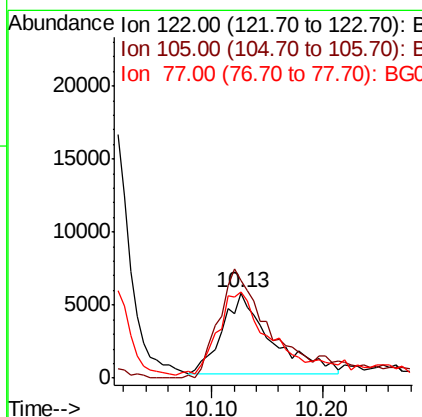
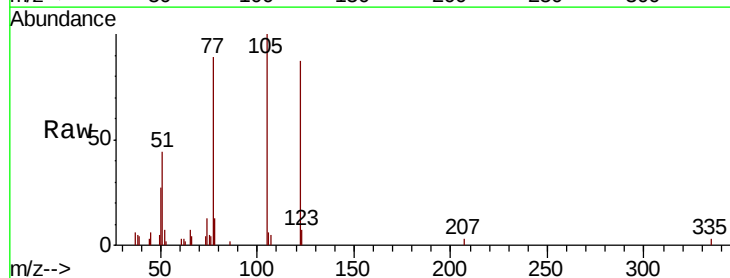
Instrument :
BNA_G
ClientSampleId :

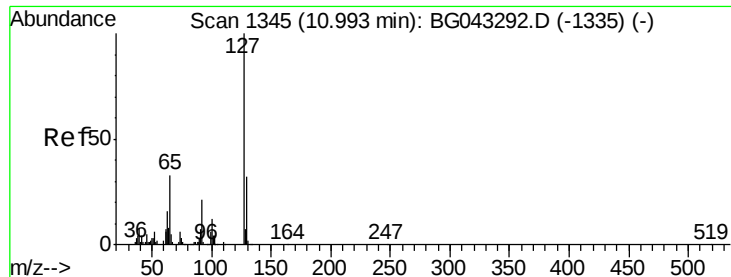
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.6	11.5	17.3



#32
Benzoic acid
Concen: 12.386 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.04 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.5	112.4	152.4
77	101.7	82.7	122.7

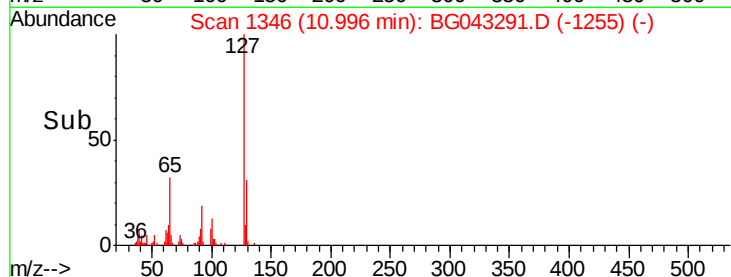
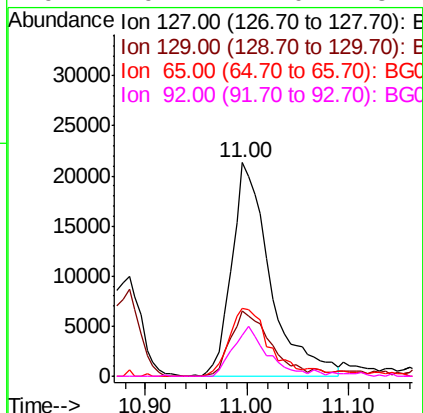
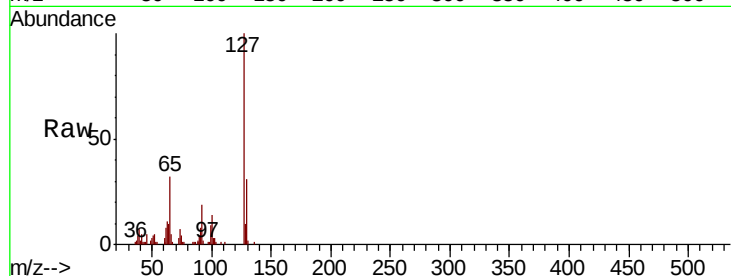




#33
4-Chloroaniline
Concen: 18.410 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

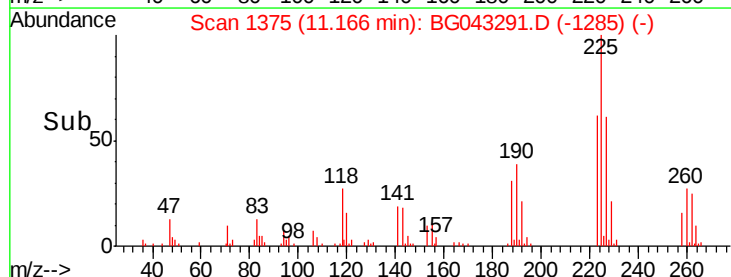
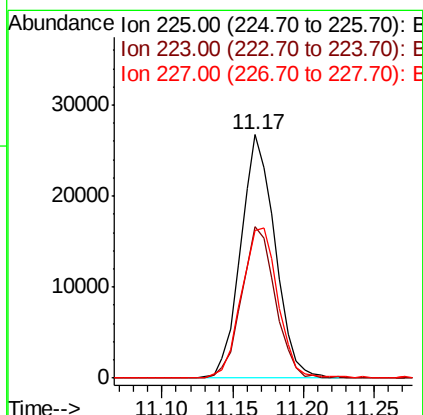
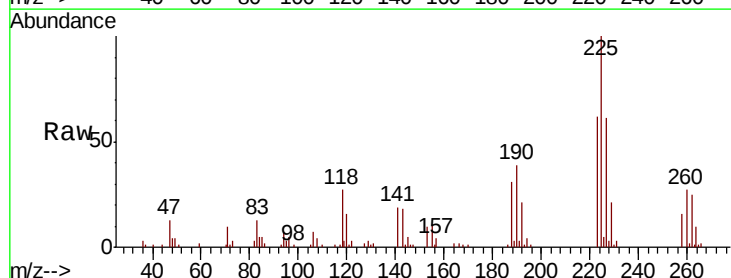
Instrument :
BNA_G
ClientSampleId :

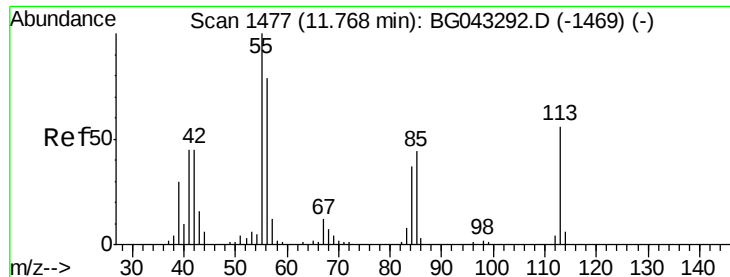
Tot Ion:	127	Resp:	56269
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.8	38.8
65	31.8	26.2	39.2
92	19.4	17.0	25.4



#34
Hexachlorobutadiene
Concen: 20.503 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion:	225	Resp:	45262
Ion	Ratio	Lower	Upper
225	100		
223	62.4	53.2	79.8
227	60.8	56.2	84.2





#35

Caprolactam

Concen: 19.232 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

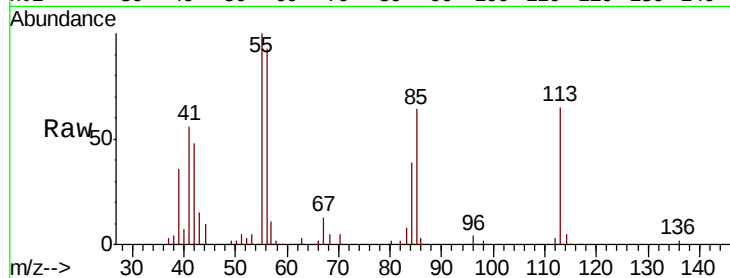
Tot Ion:113 Resp: 15484

Ion Ratio Lower Upper

113 100

55 153.3 158.9 198.9#

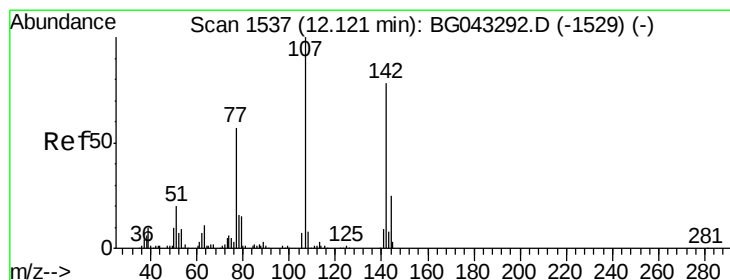
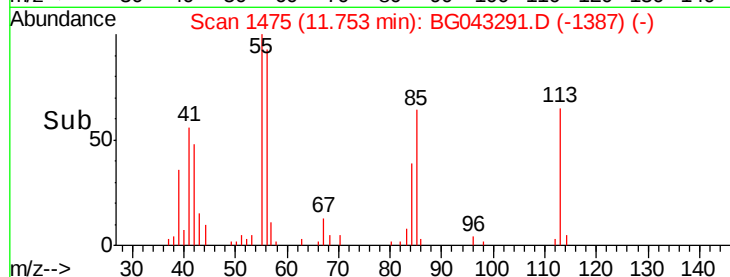
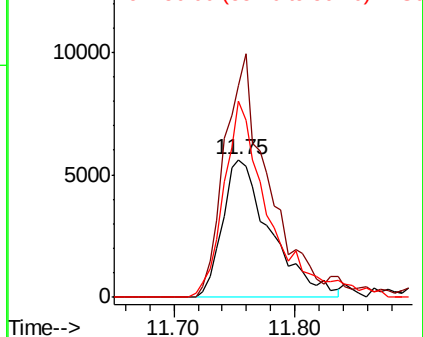
56 142.3 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 20.146 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

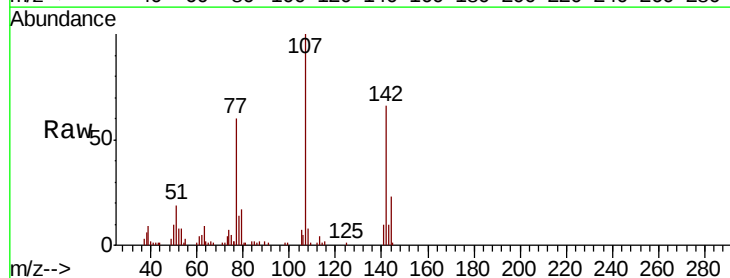
Tgt Ion:107 Resp: 50010

Ion Ratio Lower Upper

107 100

144 22.7 19.9 29.9

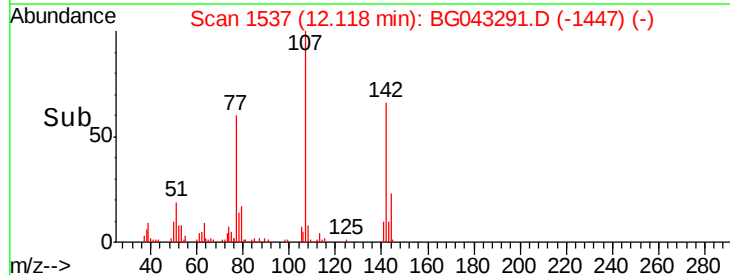
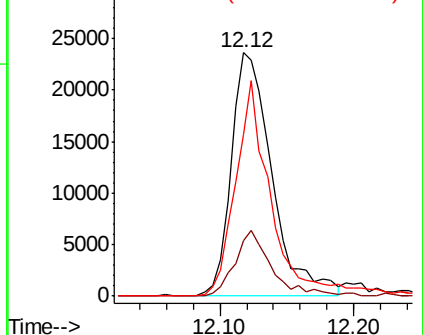
142 66.3 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

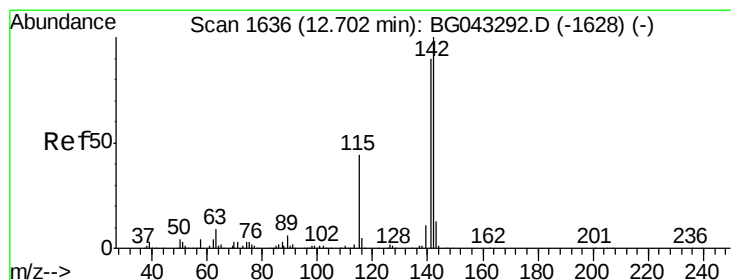
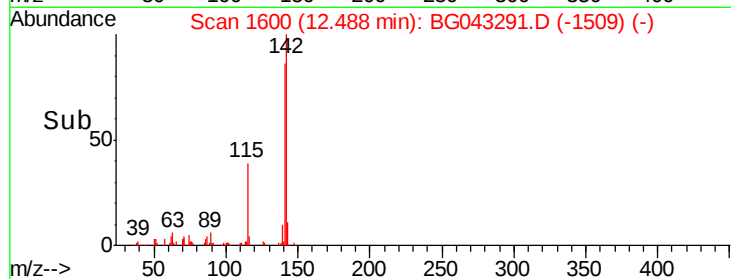
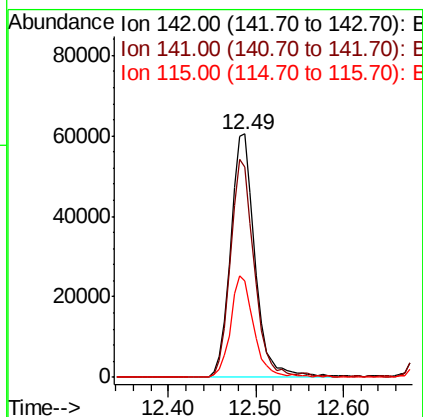
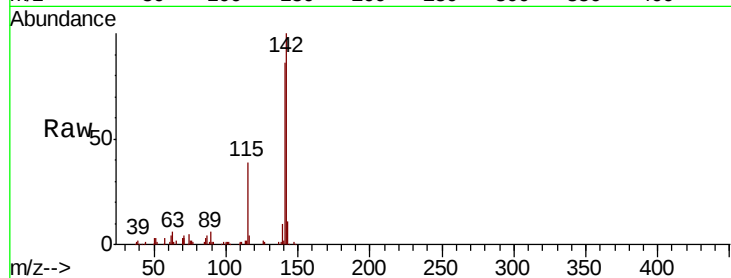




#37
2-Methylnaphthalene
Concen: 21.331 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

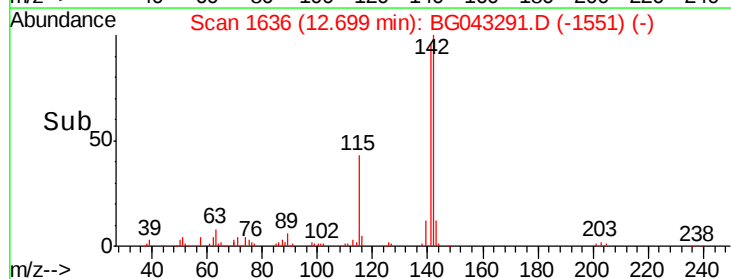
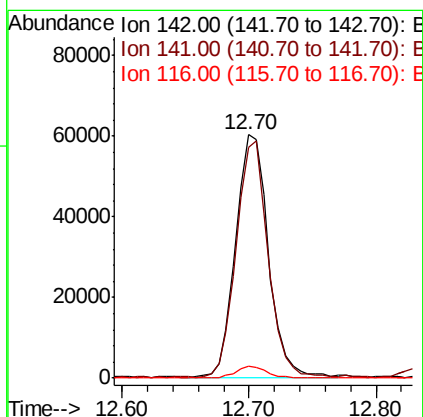
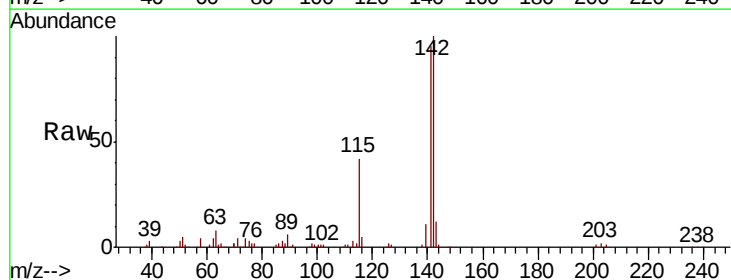
Instrument :
BNA_G
ClientSampleId :

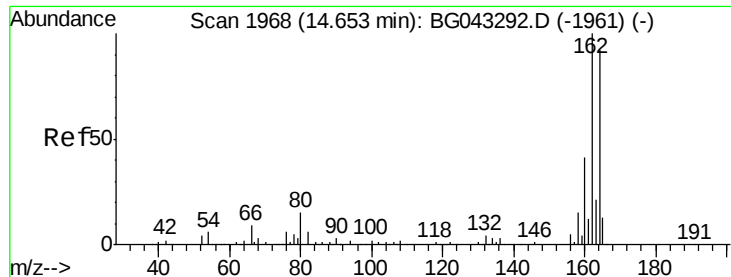
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	69.7	104.5
115	39.4	30.6	46.0



#38
1-Methylnaphthalene
Concen: 21.389 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.3	108.5
116	5.0	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

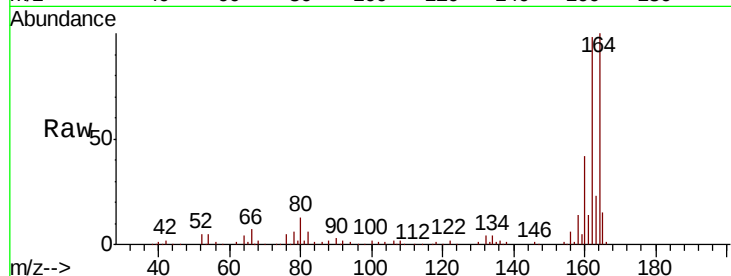
Tot Ion:164 Resp: 107763

Ion Ratio Lower Upper

164 100

162 97.6 87.0 130.4

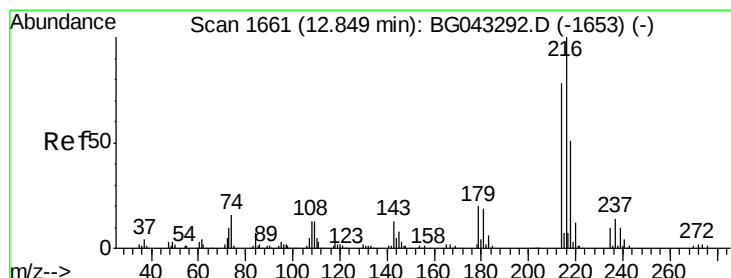
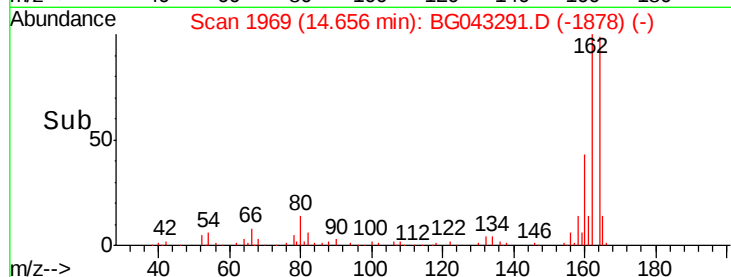
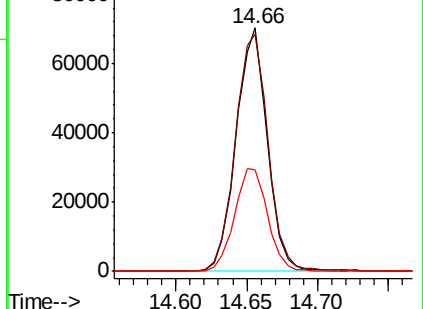
160 41.8 35.5 53.3



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: 19.801 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Tgt Ion:216 Resp: 80230

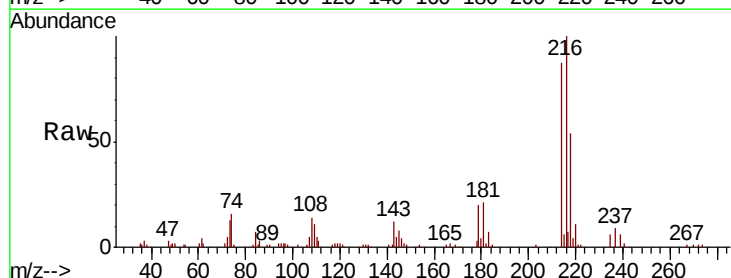
Ion Ratio Lower Upper

216 100

214 80.8 63.5 95.3

179 20.6 16.2 24.2

108 14.5 11.2 16.8

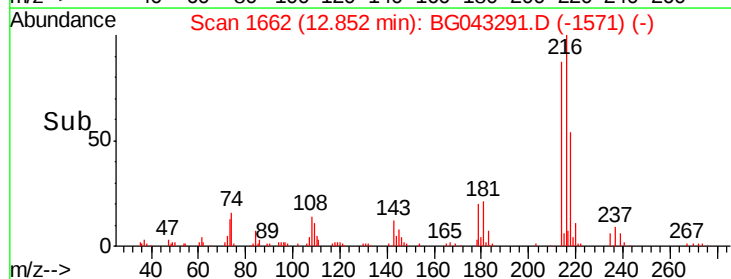
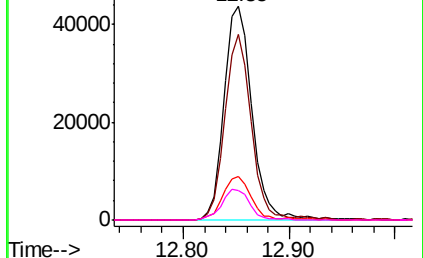


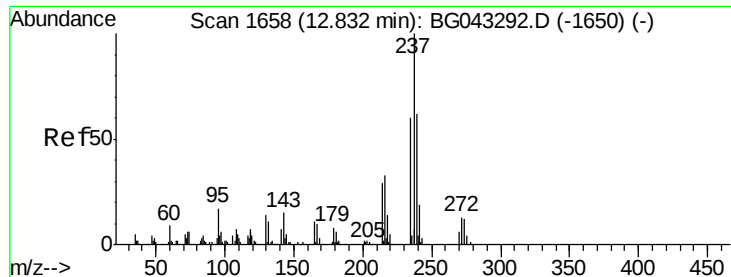
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

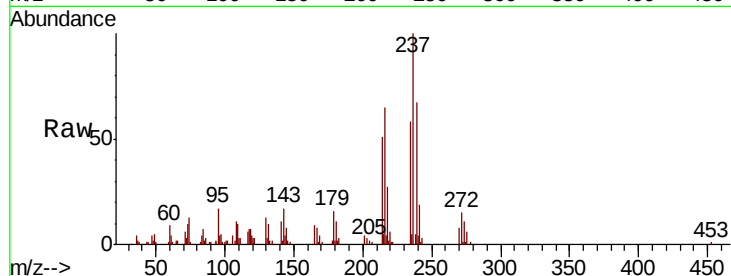




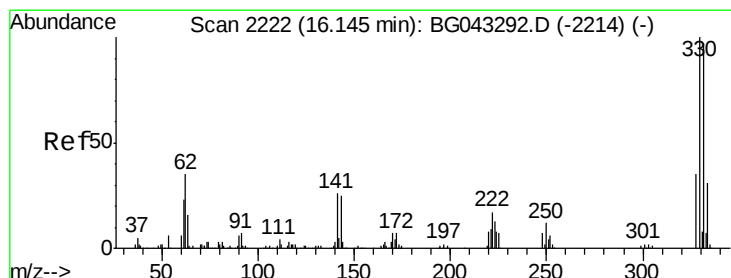
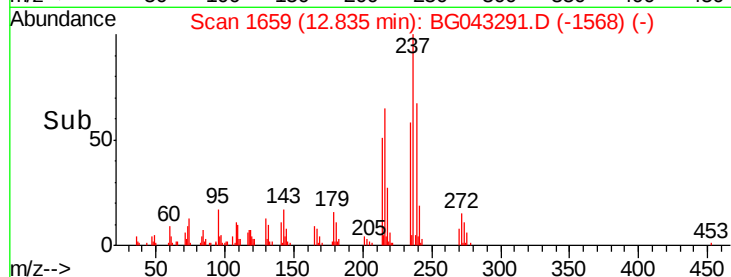
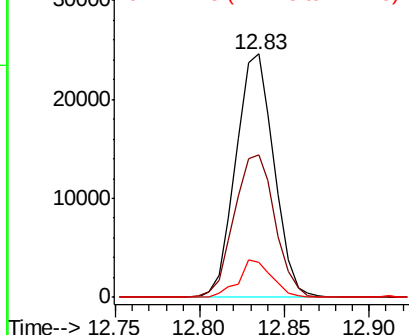
#41
Hexachlorocyclopentadiene
Concen: 14.903 ng
RT: 12.83 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	58.3	40.3	80.3
272	14.5	0.0	32.9

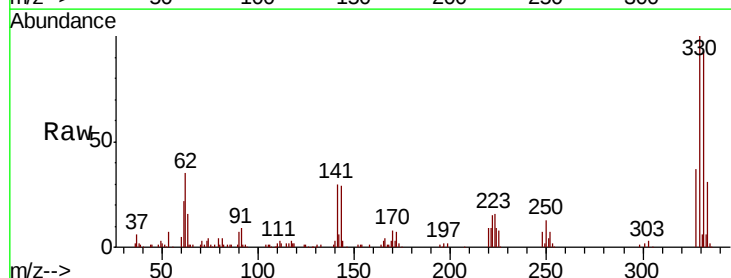


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

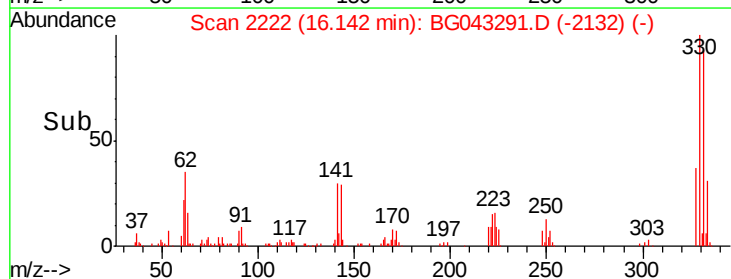
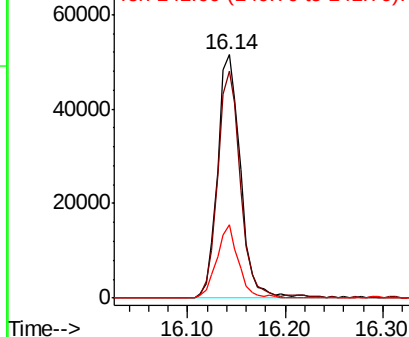


#42
2,4,6-Tribromophenol
Concen: 45.400 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.3	76.4	114.6
141	27.8	21.4	32.0



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

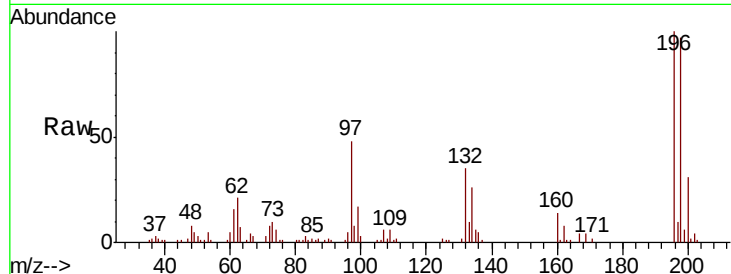




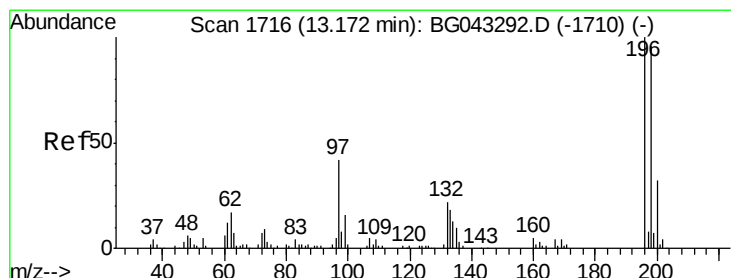
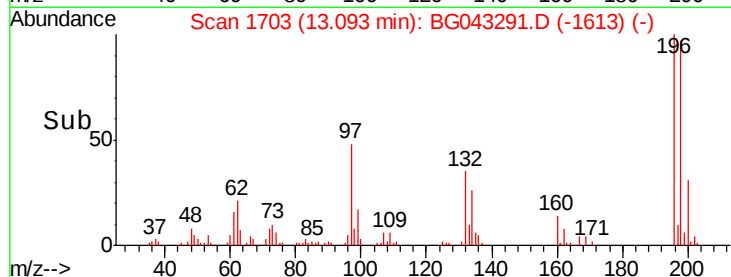
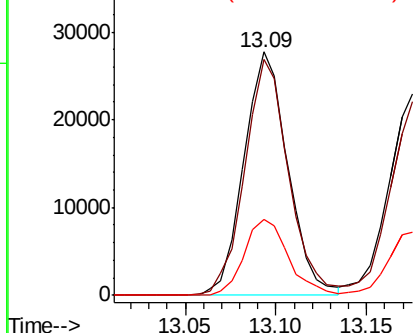
#43
 2,4,6-Trichlorophenol
 Concen: 19.702 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 46724
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.0 115.4
 200 31.3 27.4 41.2

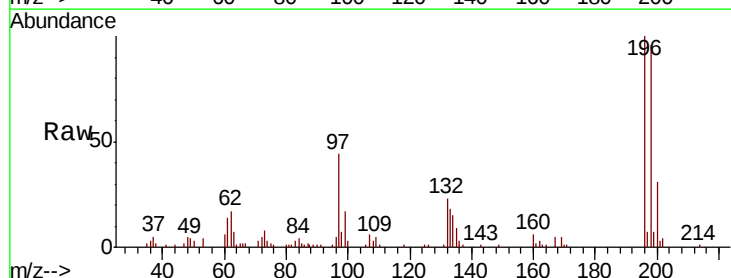


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

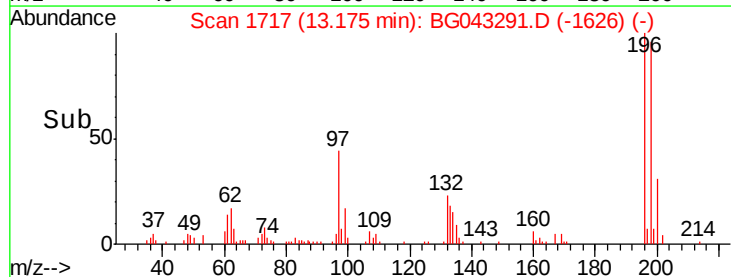
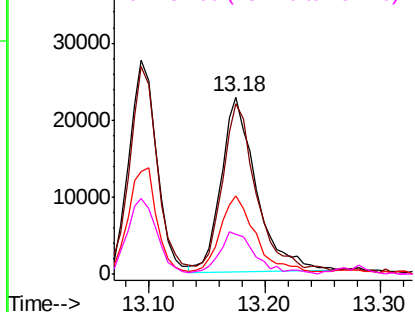


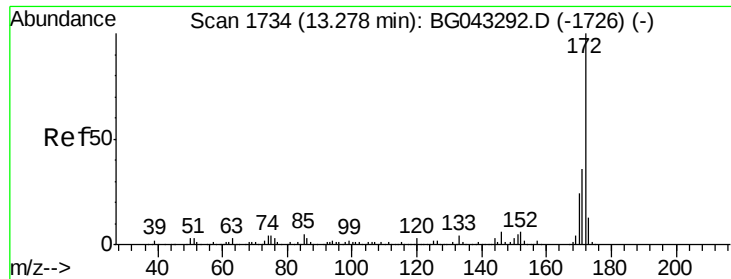
#44
 2,4,5-Trichlorophenol
 Concen: 19.521 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

Tgt Ion:196 Resp: 47690
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 114.8
 97 44.0 34.1 51.1
 132 22.7 18.2 27.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

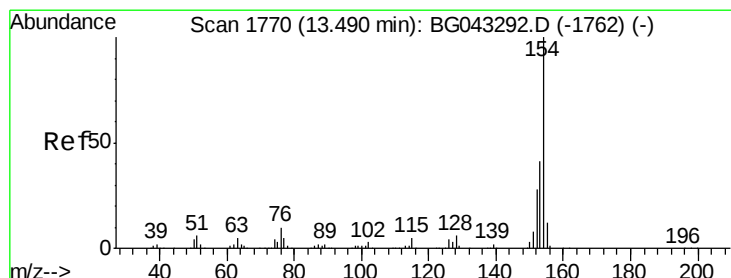
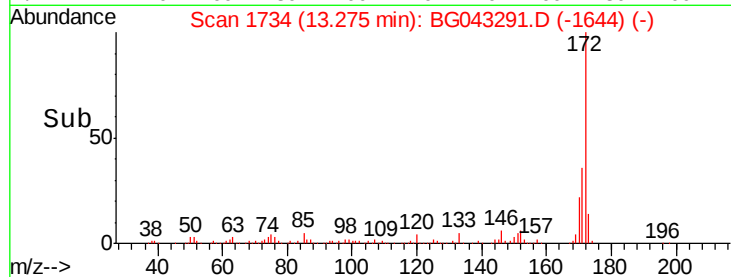
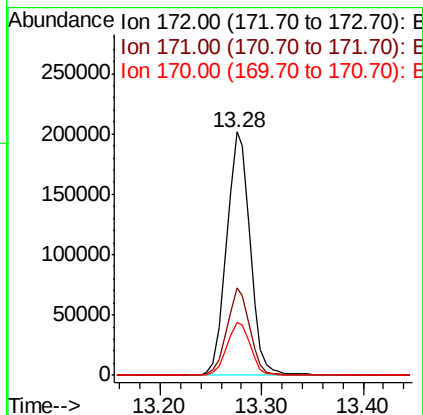
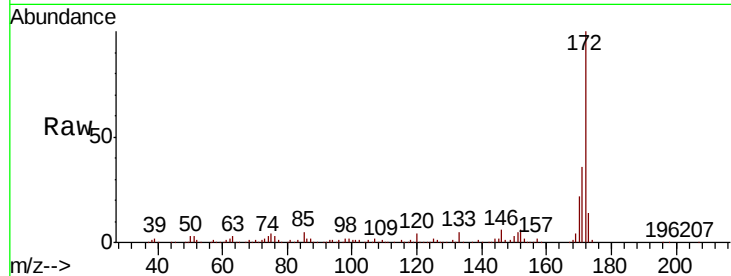




#45
2-Fluorobiphenyl
Concen: 43.610 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

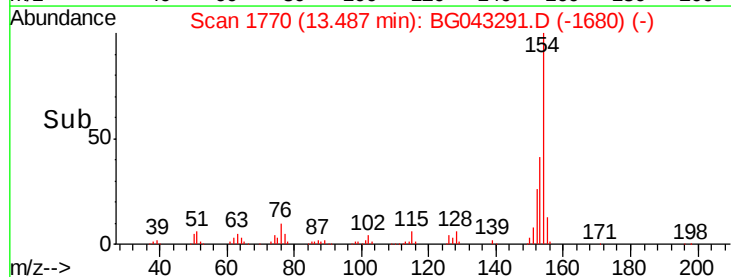
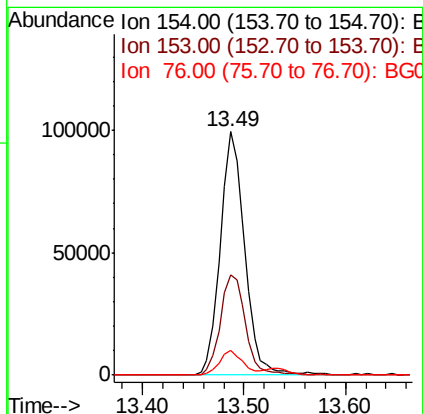
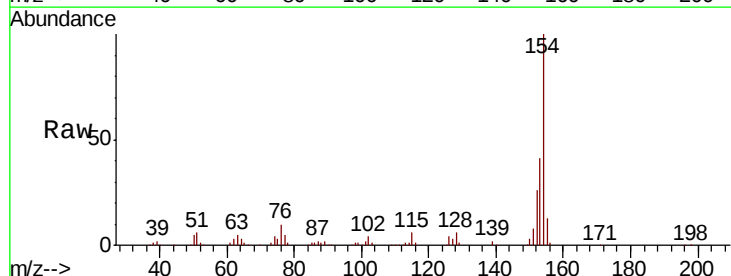
Instrument :
BNA_G
ClientSampleId :

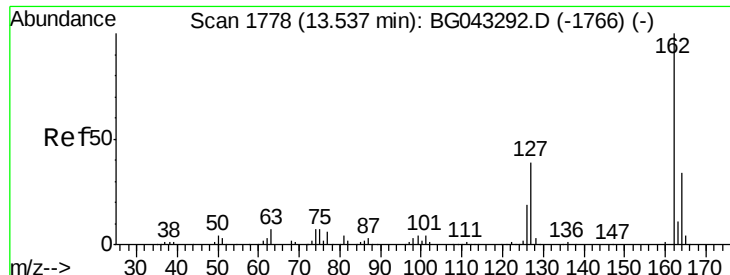
Tot Ion:172 Resp: 324171
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 21.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 20.346 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion:154 Resp: 166267
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 10.3 0.0 29.8

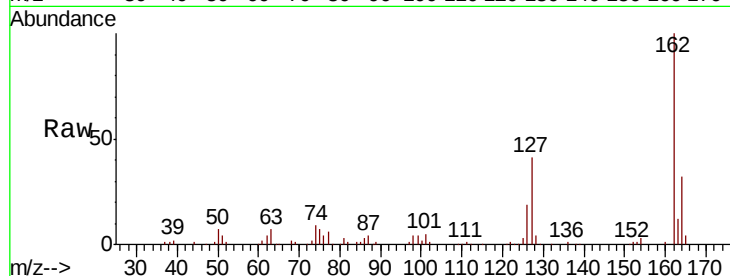




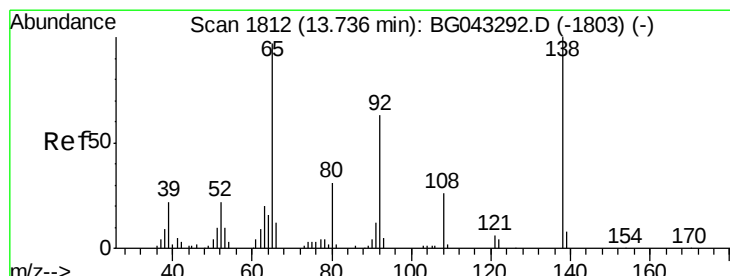
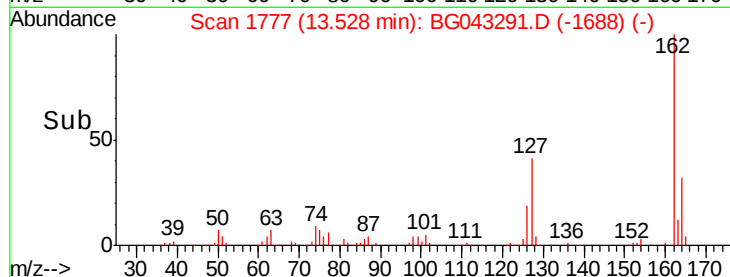
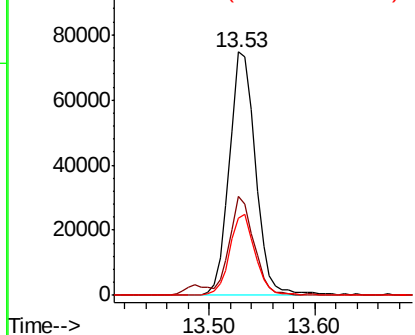
#47
2-Chloronaphthalene
Concen: 20.927 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.3	46.9
164	31.9	26.8	40.2

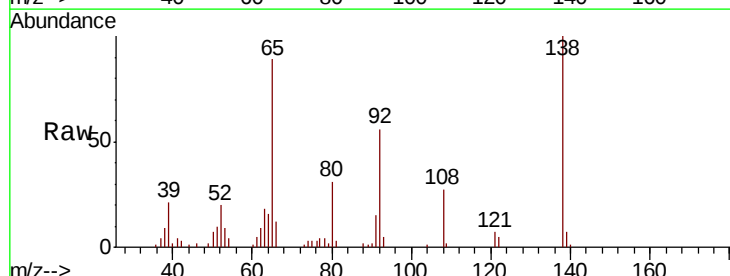


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

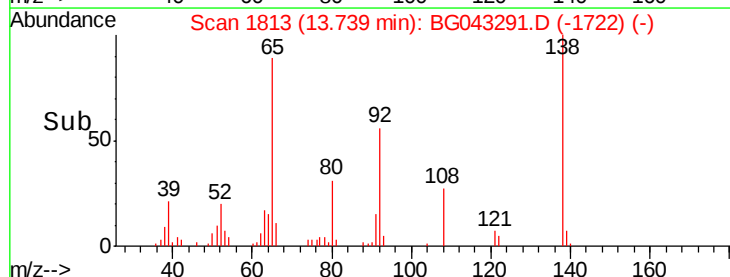
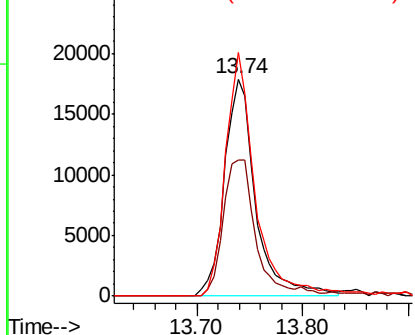


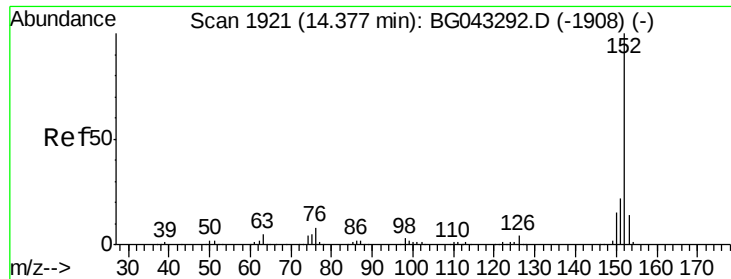
#48
2-Nitroaniline
Concen: 17.925 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	52.6	79.0
138	112.2	82.9	124.3



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: 21.049 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

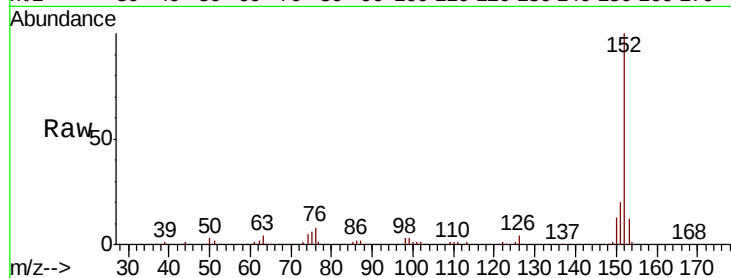
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 197346

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.2	25.8
153	11.5	11.0	16.6

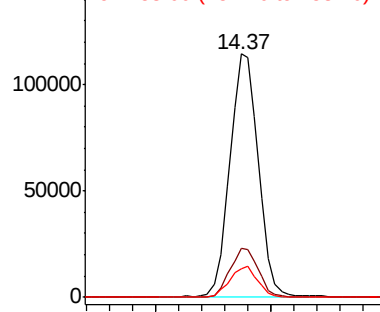


Abundance

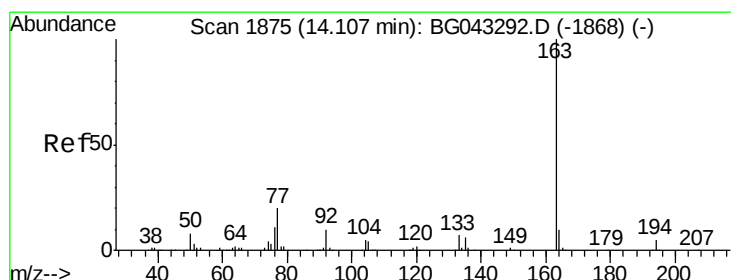
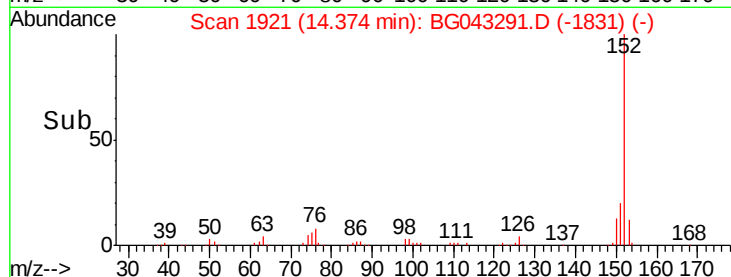
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 21.055 ng

RT: 14.10 min Scan# 1875

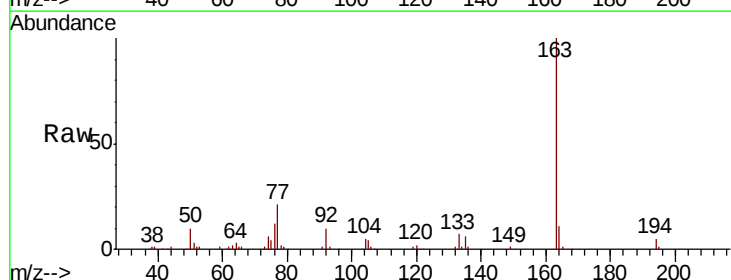
Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Tgt Ion:163 Resp: 170007

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.7	5.5
164	11.4	8.1	12.1

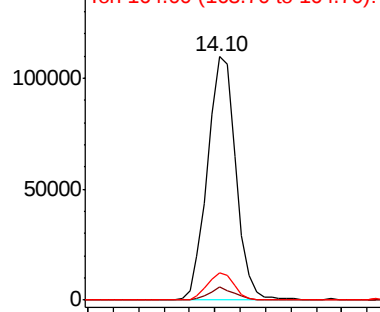


Abundance

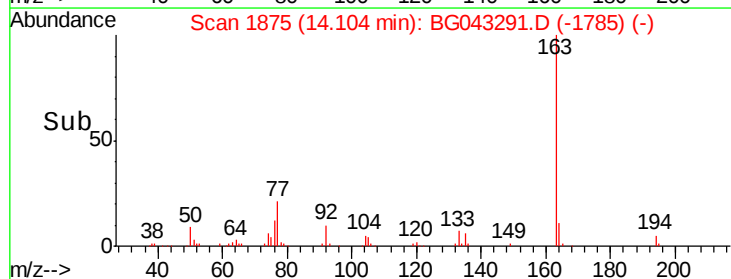
Ion 163.00 (162.70 to 163.70): E

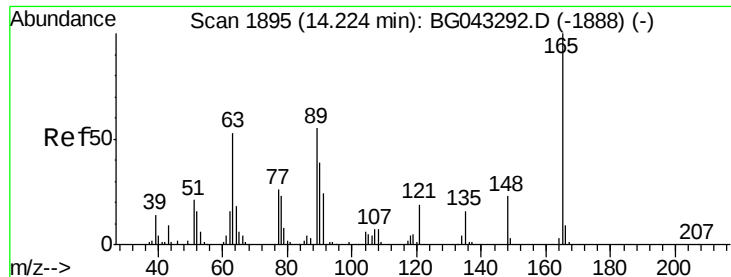
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#51

2,6-Dinitrotoluene

Concen: 20.977 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampled :

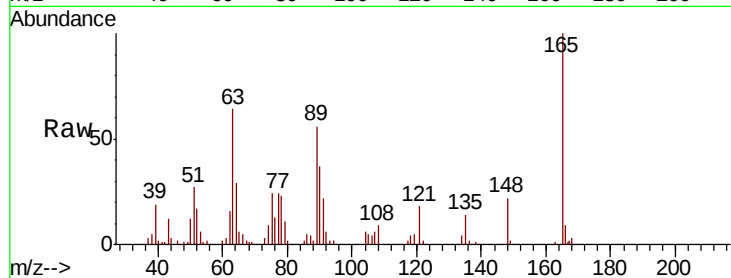
Tot Ion:165 Resp: 36070

Ion Ratio Lower Upper

165 100

63 63.7 47.1 70.7

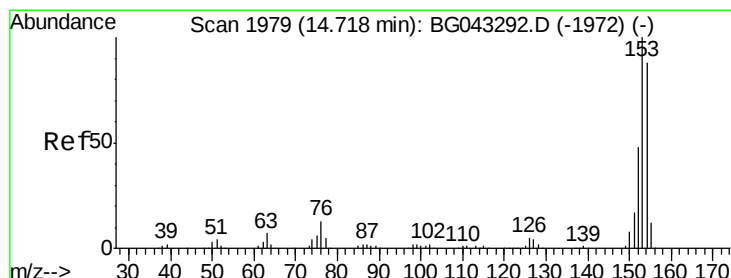
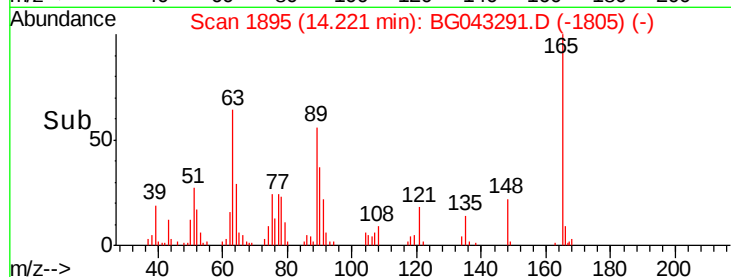
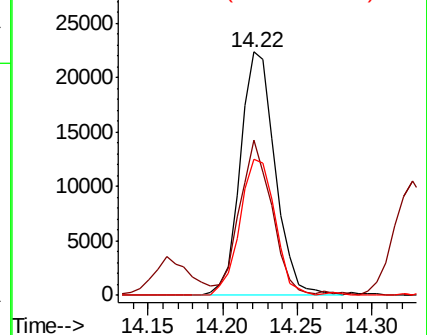
89 56.0 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 19.205 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

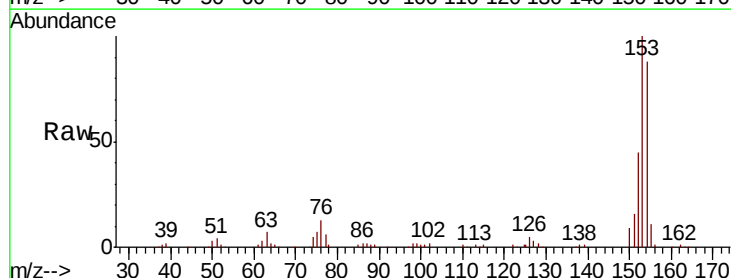
Tgt Ion:154 Resp: 120516

Ion Ratio Lower Upper

154 100

153 113.7 90.9 136.3

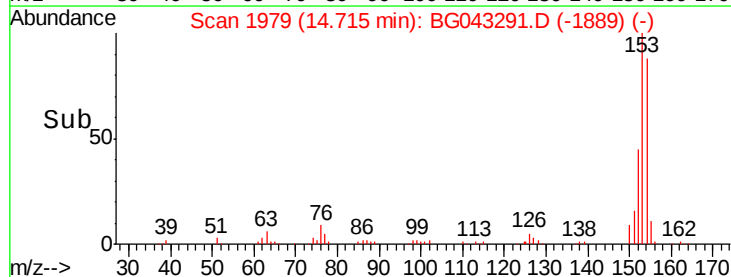
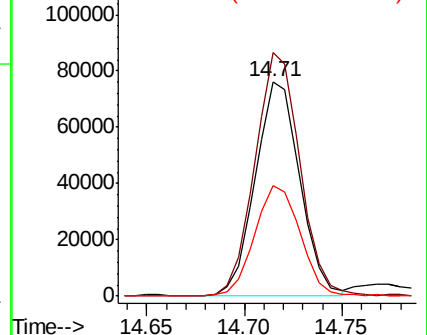
152 51.3 43.9 65.9

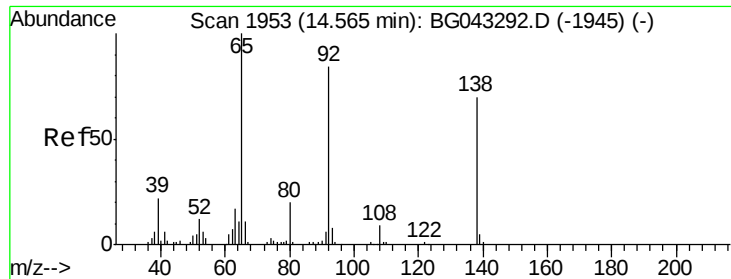


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

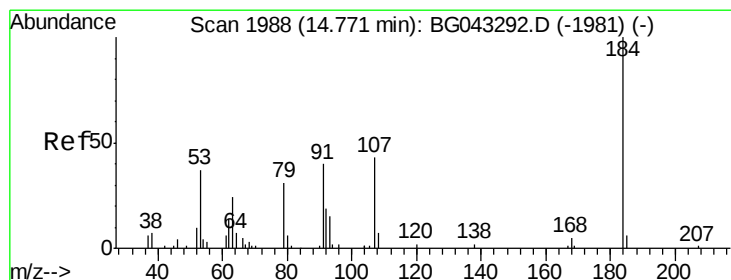
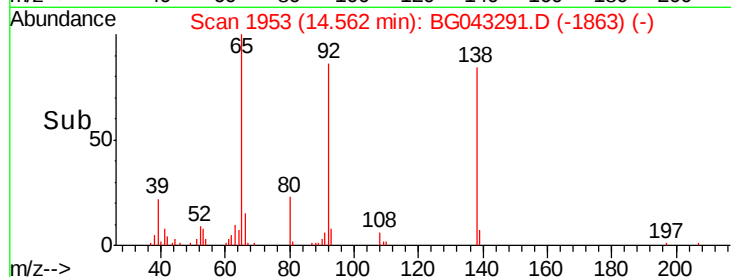
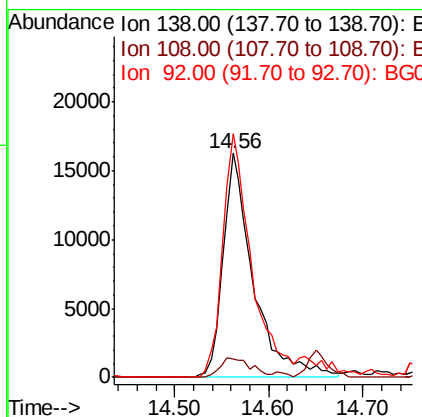
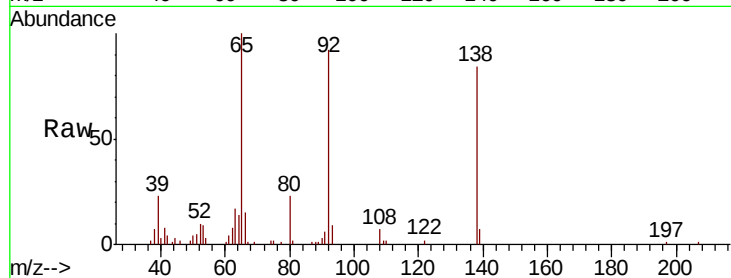




#53
3-Nitroaniline
Concen: 20.374 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

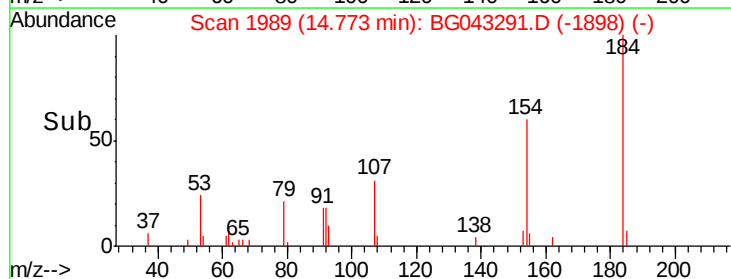
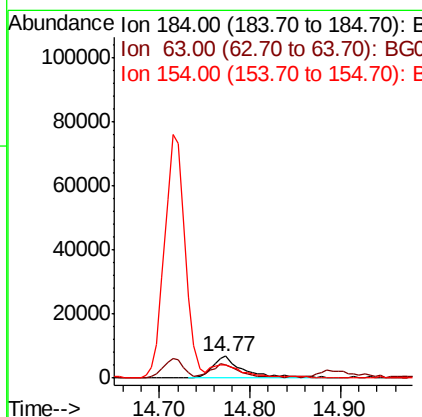
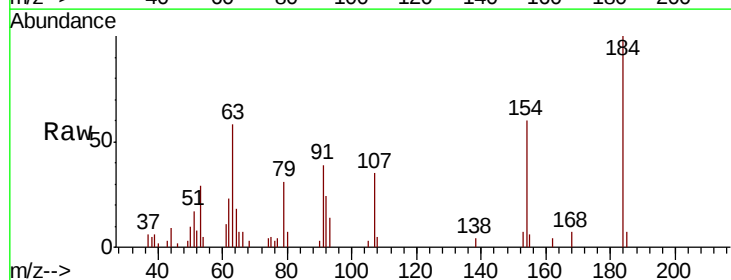
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 36204
Ion Ratio Lower Upper
138 100
108 7.9 9.8 14.6#
92 108.7 95.8 143.6



#54
2,4-Dinitrophenol
Concen: 15.079 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion:184 Resp: 16116
Ion Ratio Lower Upper
184 100
63 58.4 48.8 73.2
154 60.3 49.4 74.0





#55

Dibenzenofuran

Concen: 21.075 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

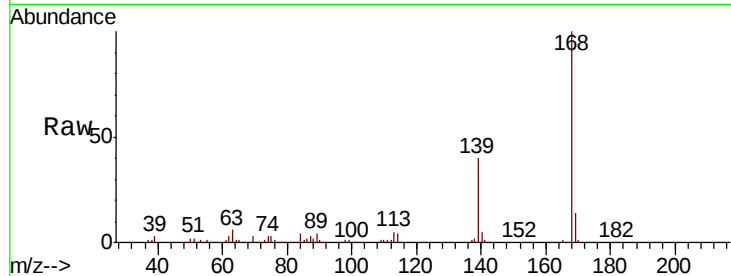
Tot Ion:168 Resp: 195642

Ion Ratio Lower Upper

168 100

139 39.9 31.7 47.5

169 13.6 11.0 16.4

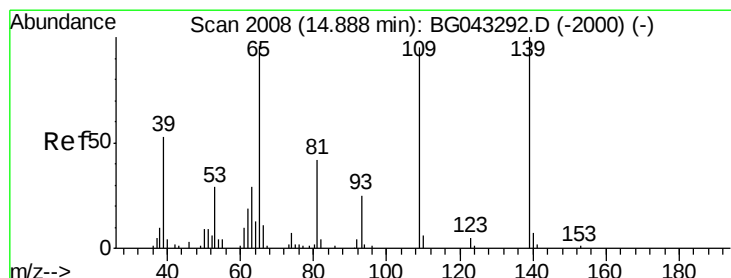
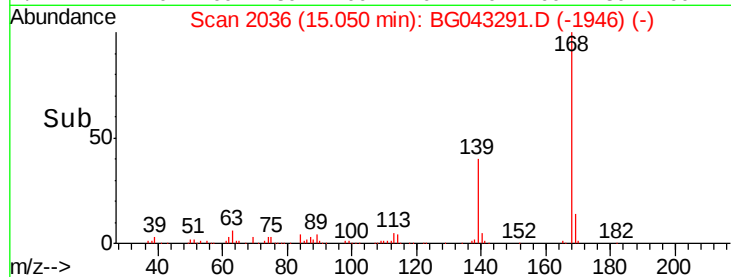
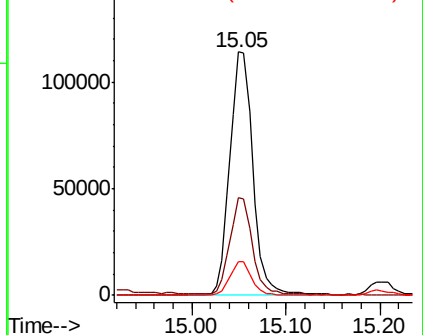


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 14.690 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

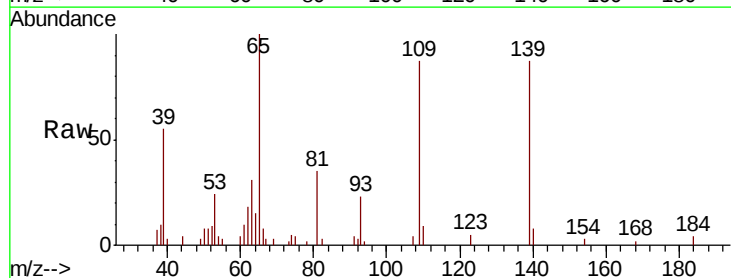
Tgt Ion:139 Resp: 19889

Ion Ratio Lower Upper

139 100

109 99.6 75.4 115.4

65 115.1 76.6 116.6

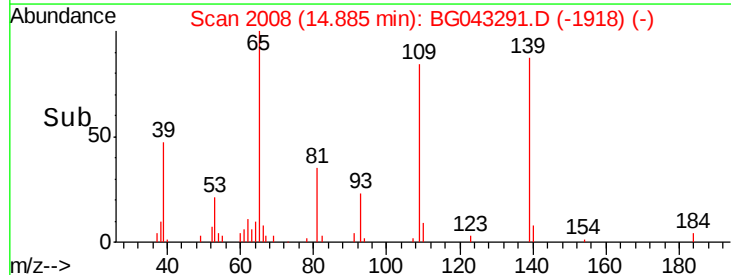
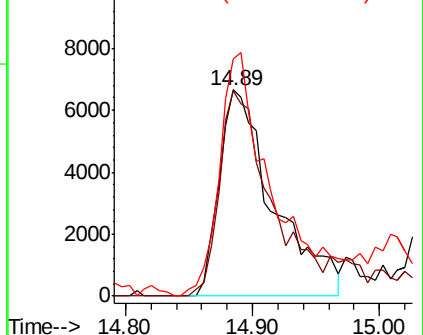


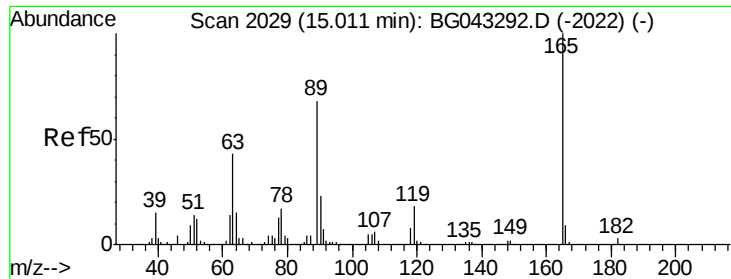
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

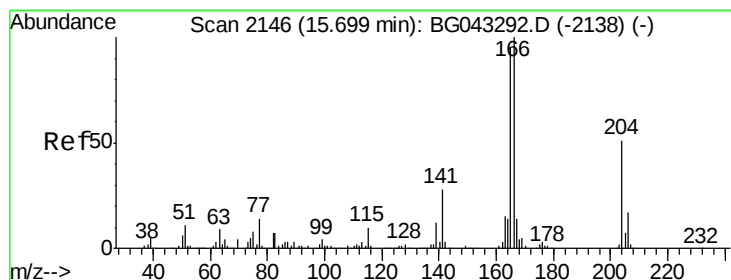
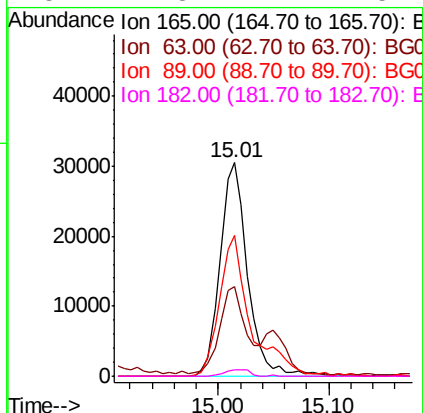
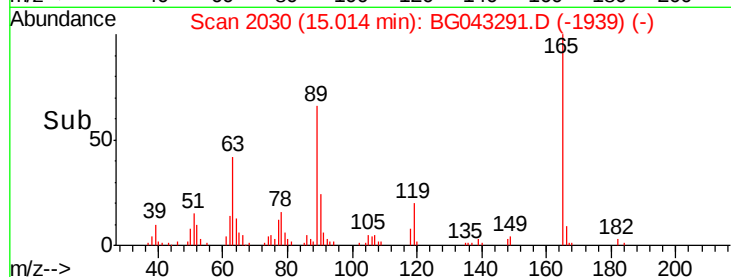
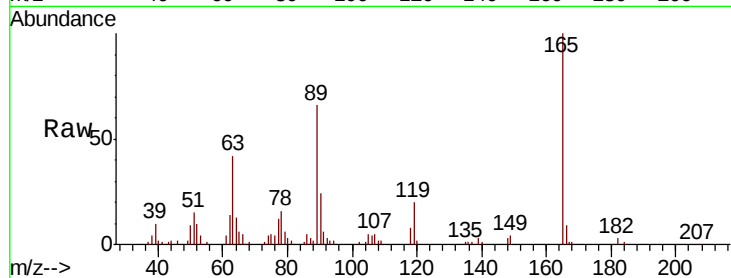




#57
2,4-Dinitrotoluene
Concen: 21.073 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

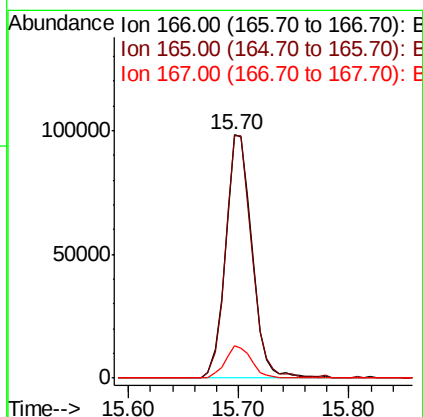
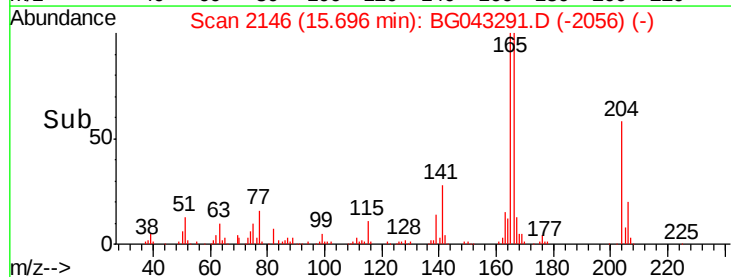
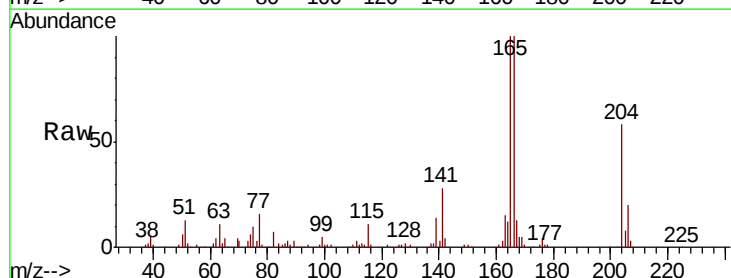
Instrument :
BNA_G
ClientSampled :

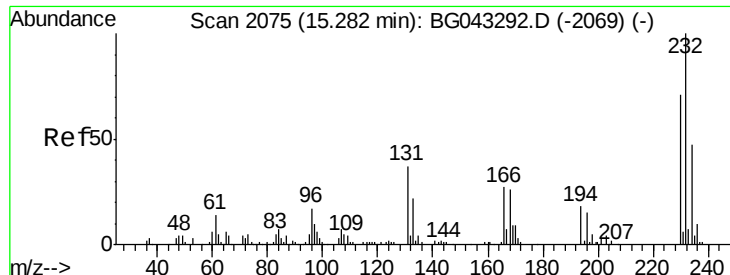
Tot Ion:165 Resp: 53063
Ion Ratio Lower Upper
165 100
63 42.1 35.0 52.6
89 65.9 54.1 81.1
182 2.8 2.2 3.2



#58
Fluorene
Concen: 20.723 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion:166 Resp: 164238
Ion Ratio Lower Upper
166 100
165 99.6 76.4 114.6
167 13.4 11.1 16.7

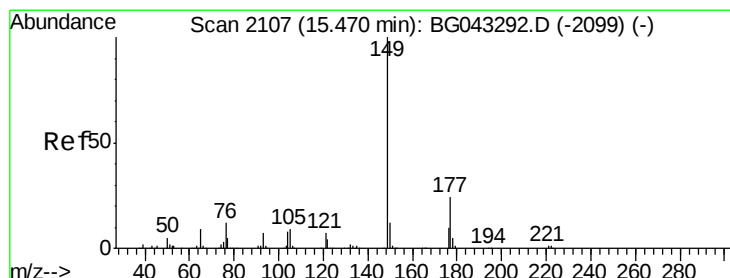
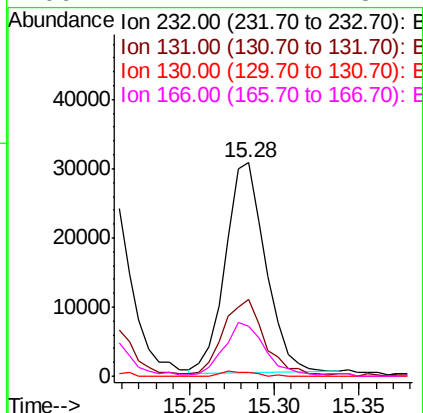
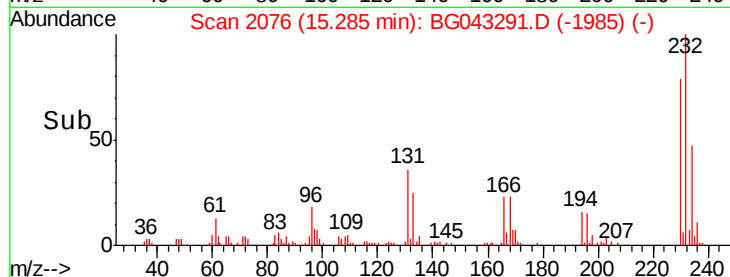
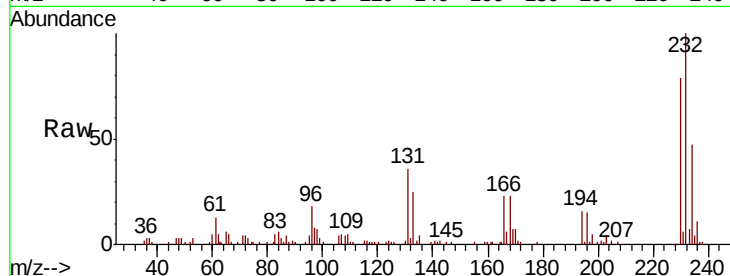




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 19.316 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

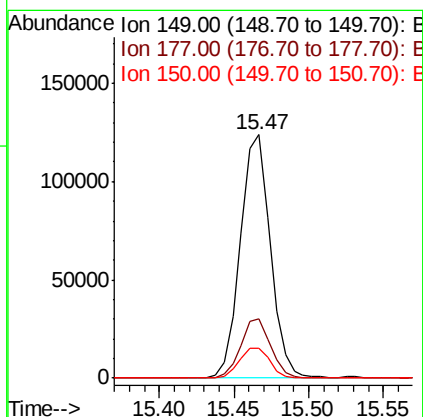
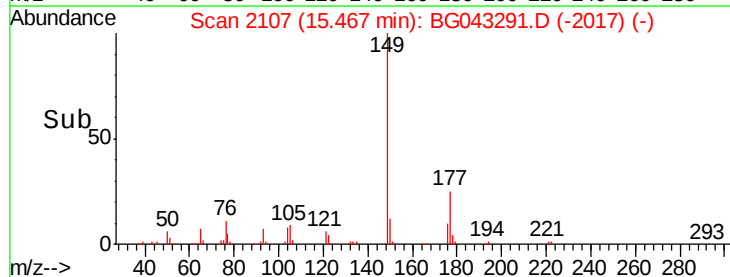
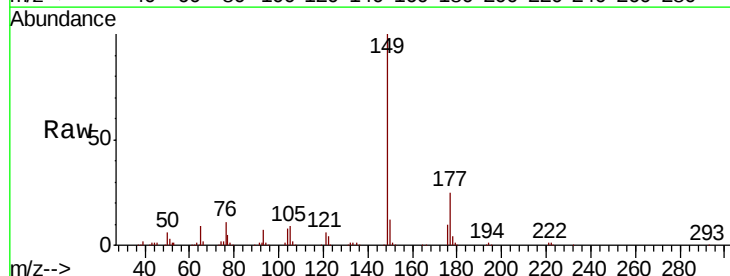
Instrument :
 BNA_G
 ClientSampleId :

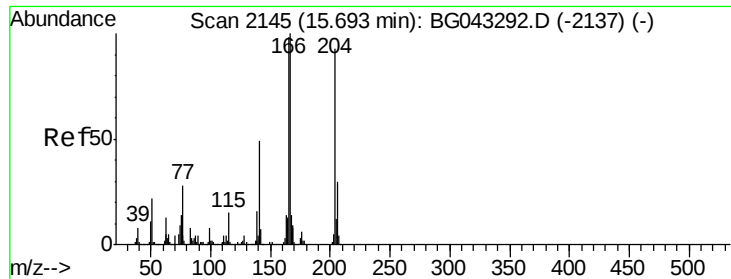
Tot Ion	Ratio	Lower	Upper
232	100		
131	38.9	28.7	43.1
130	2.0	0.6	0.8
166	24.7	21.1	31.7



#60
 Diethylphthalate
 Concen: 21.033 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.0	28.4
150	12.3	9.4	14.0

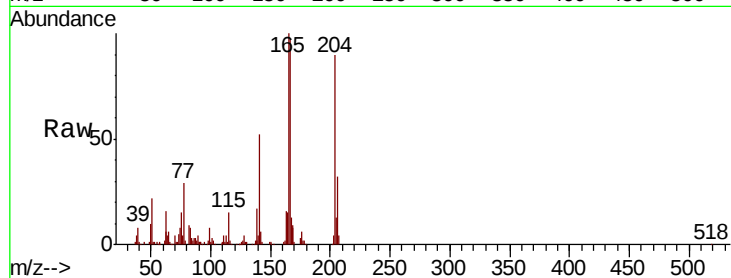




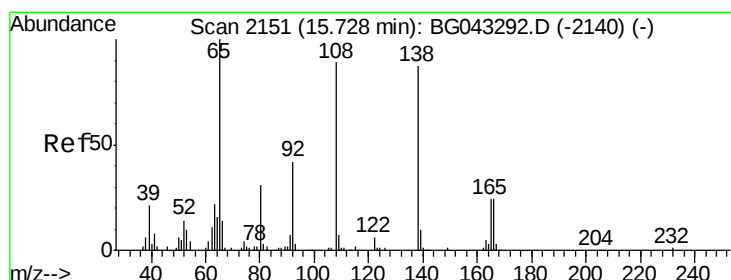
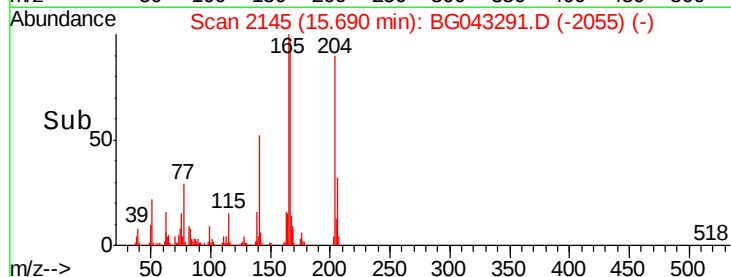
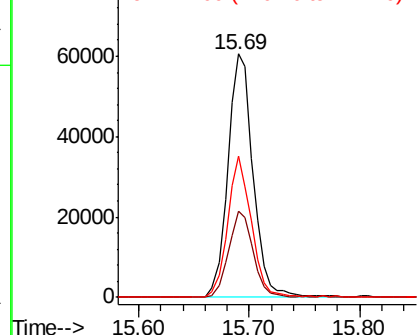
#61
4-Chlorophenyl-phenylether
Concen: 20.369 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 96816
Ion Ratio Lower Upper
204 100
206 35.6 25.7 38.5
141 57.8 42.3 63.5

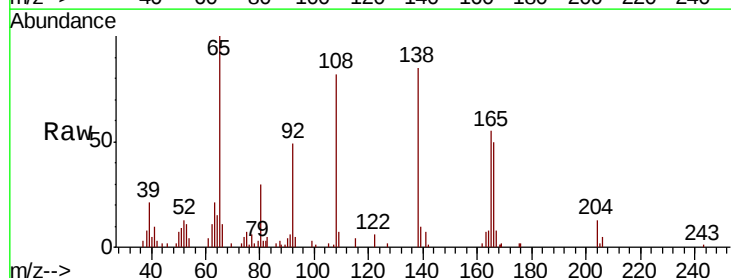


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

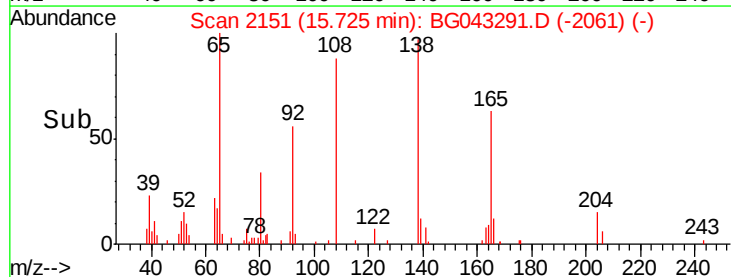
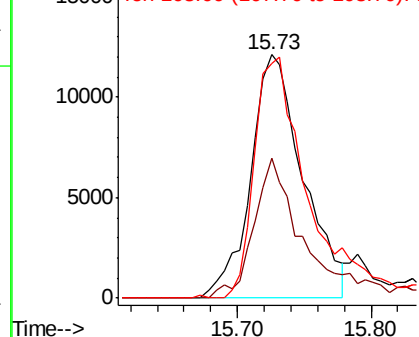


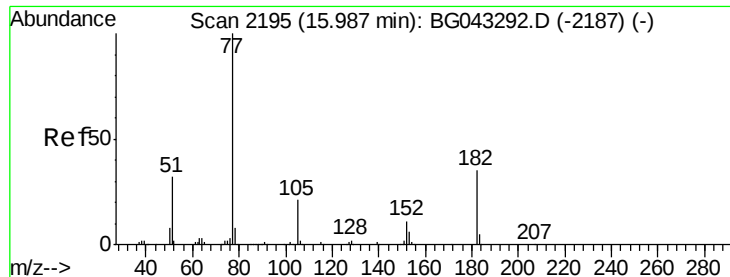
#62
4-Nitroaniline
Concen: 16.964 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion:138 Resp: 32877
Ion Ratio Lower Upper
138 100
92 57.7 28.8 68.8
108 96.3 82.7 122.7



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





#63

Azobenzene

Concen: 18.546 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 138745

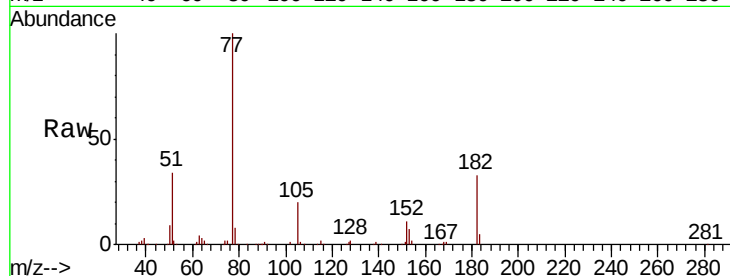
Ion Ratio Lower Upper

77 100

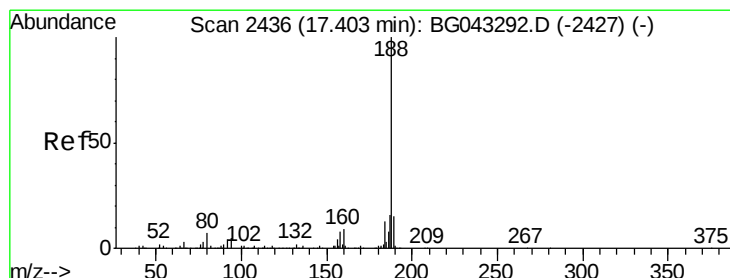
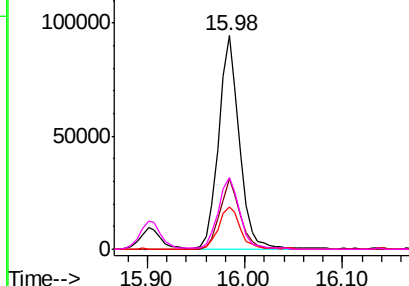
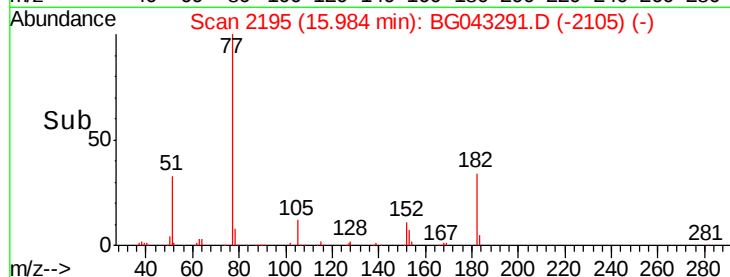
182 32.7 14.9 54.9

105 19.7 0.6 40.6

51 33.6 12.5 52.5



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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

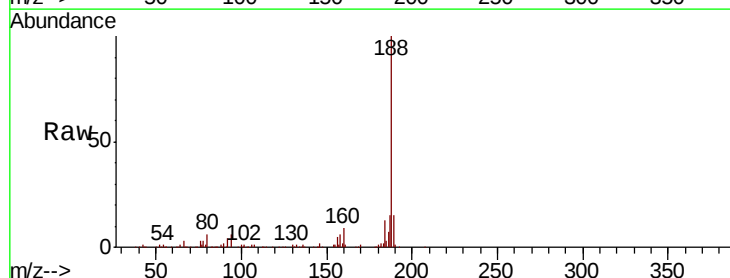
Tgt Ion: 188 Resp: 249530

Ion Ratio Lower Upper

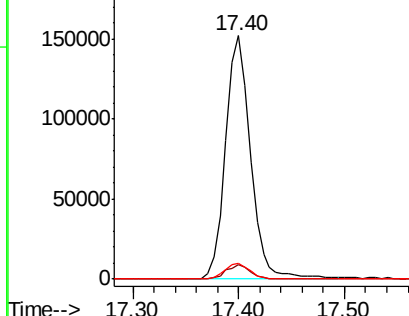
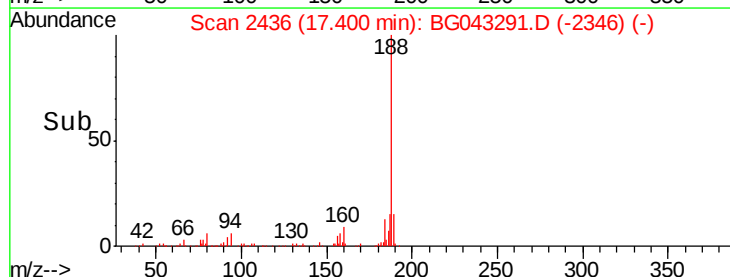
188 100

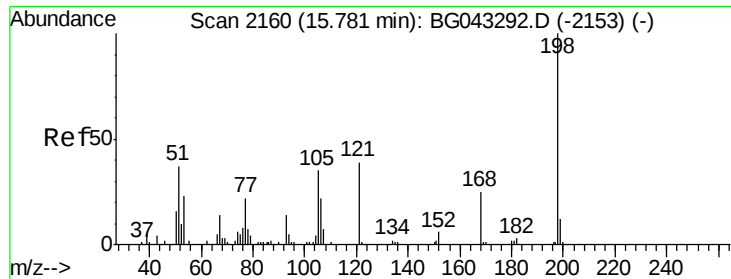
94 5.8 4.2 6.2

80 6.3 5.2 7.8



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: 19.834 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

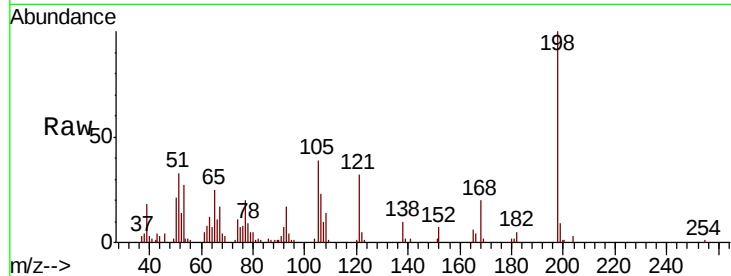
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 28005

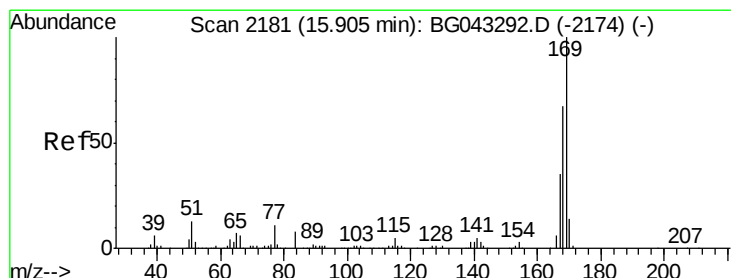
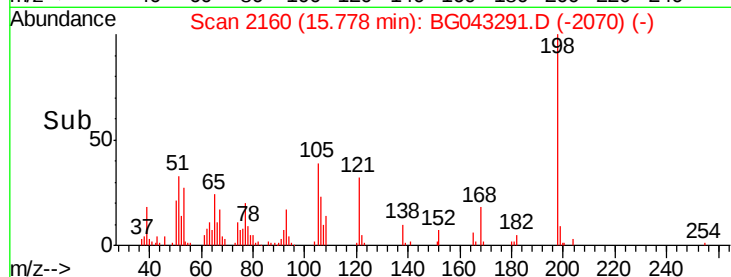
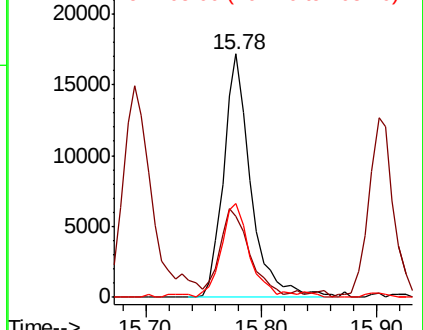
Ion	Ratio	Lower	Upper
198	100		
51	33.2	21.4	61.4
105	38.7	16.5	56.5



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: 21.839 ng

RT: 15.91 min Scan# 2182

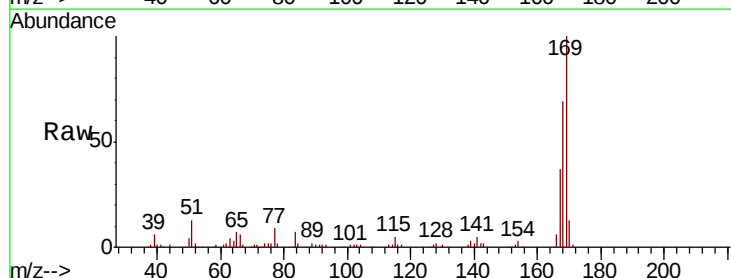
Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Tgt Ion:169 Resp: 143861

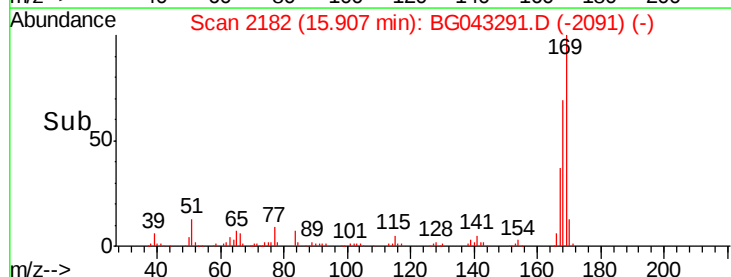
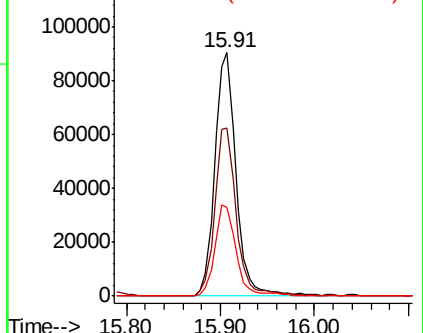
Ion	Ratio	Lower	Upper
169	100		
168	69.3	53.9	80.9
167	36.6	28.3	42.5

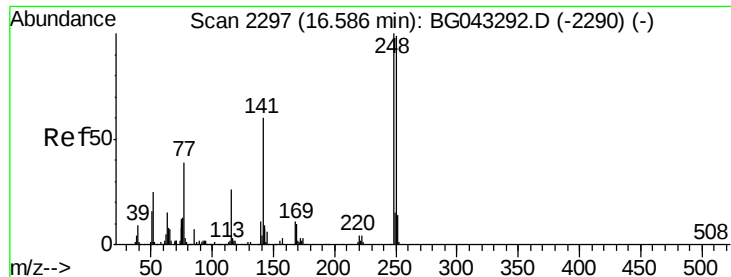


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

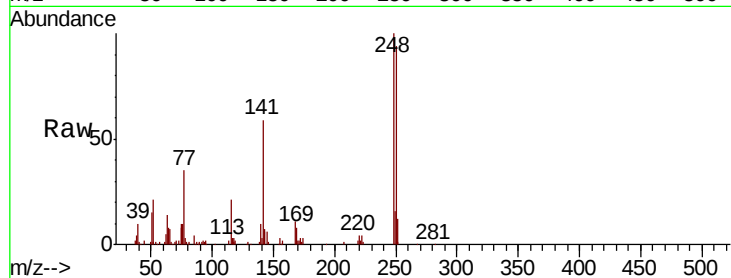




#67
4-Bromophenyl-phenylether
Concen: 21.914 ng
RT: 16.59 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.3	79.3	118.9
141	59.1	47.9	71.9

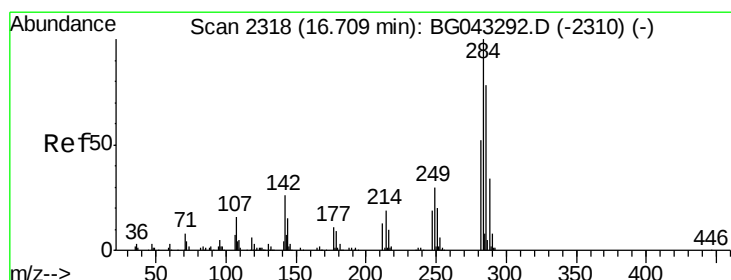
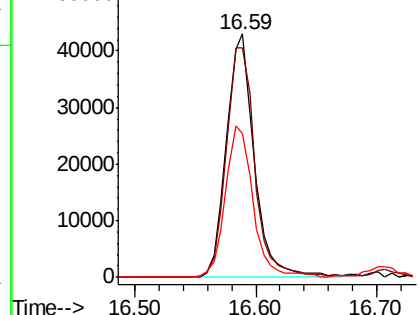
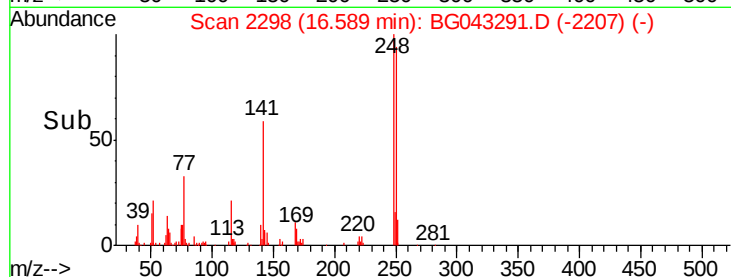


Abundance

Ion 248.00 (247.70 to 248.70): E

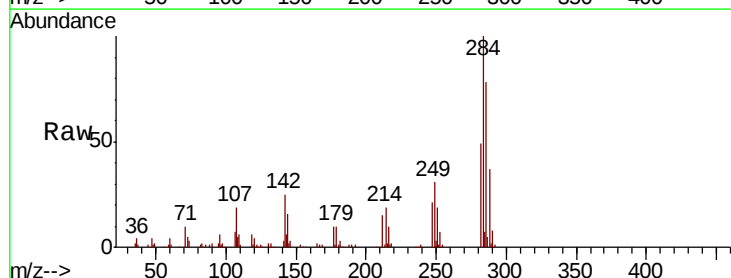
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 22.626 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	21.1	31.7
249	30.9	24.4	36.6

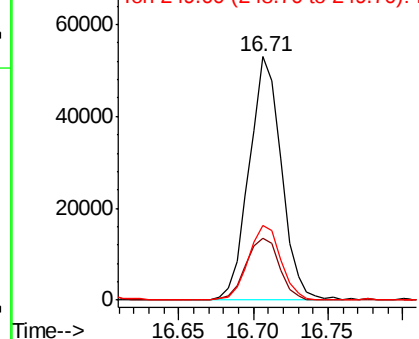
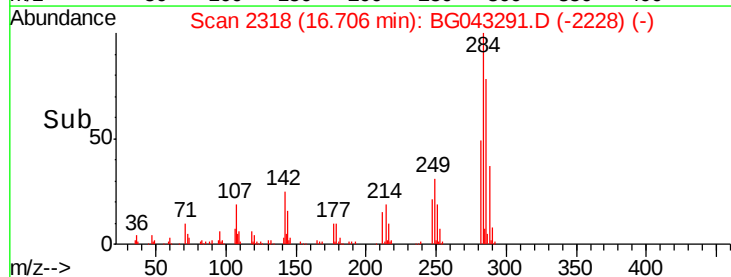


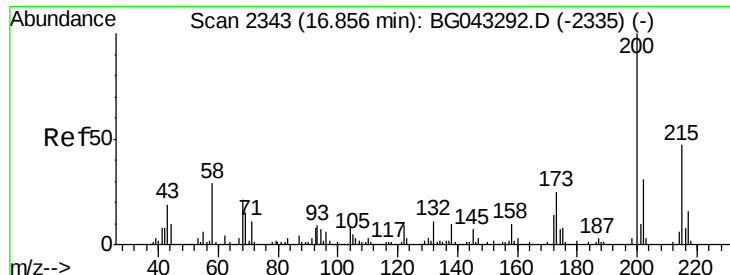
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

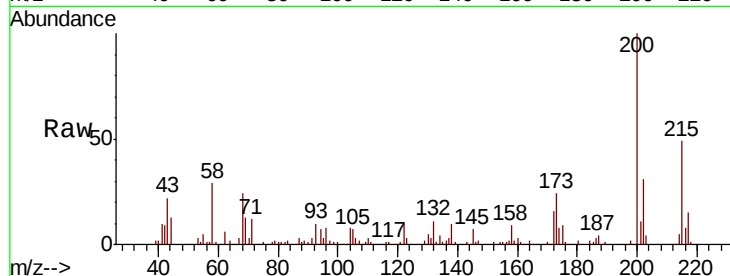




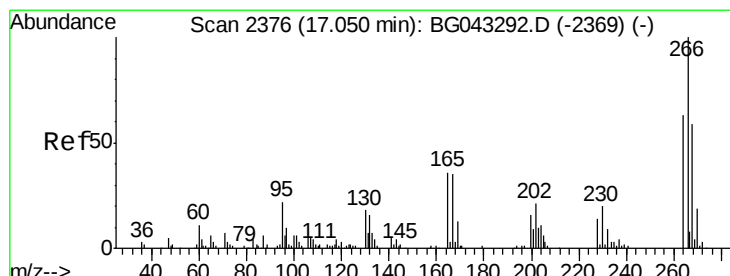
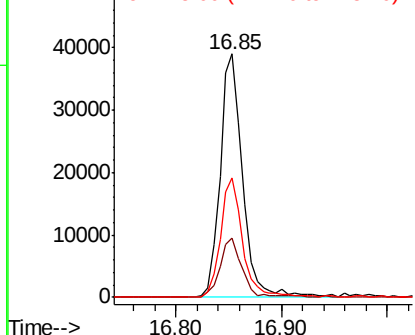
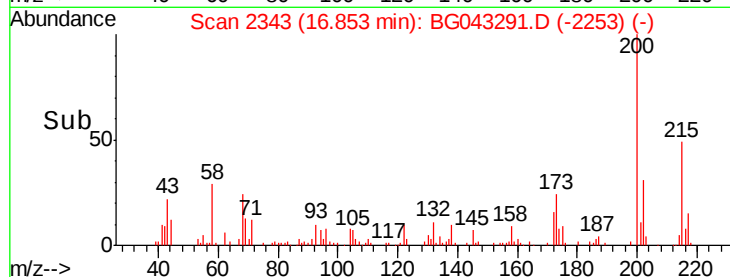
#69
 Atrazine
 Concen: 20.819 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.1	45.1
215	49.3	26.6	66.6

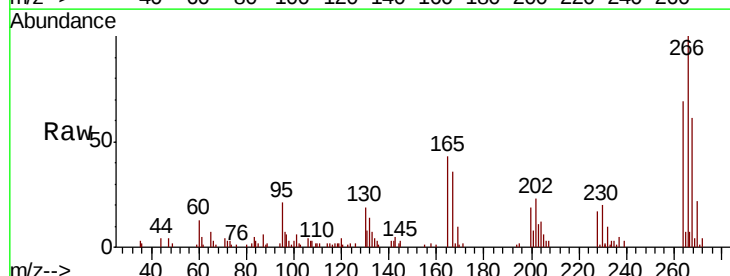


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

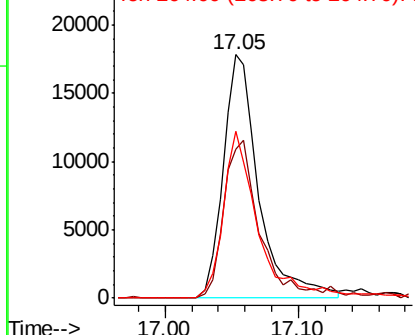
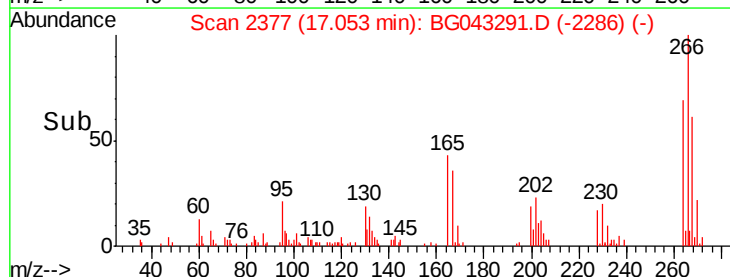


#70
 Pentachlorophenol
 Concen: 16.479 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	47.1	70.7
264	68.5	50.4	75.6



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: 22.039 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

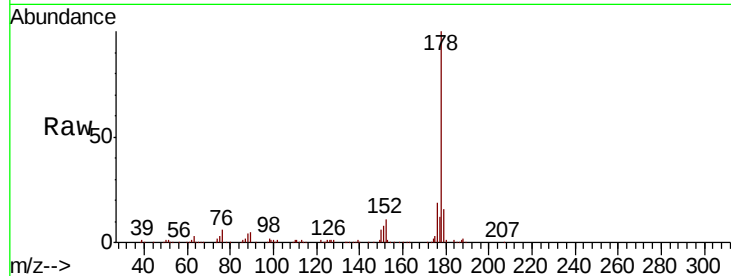
Tot Ion:178 Resp: 268479

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

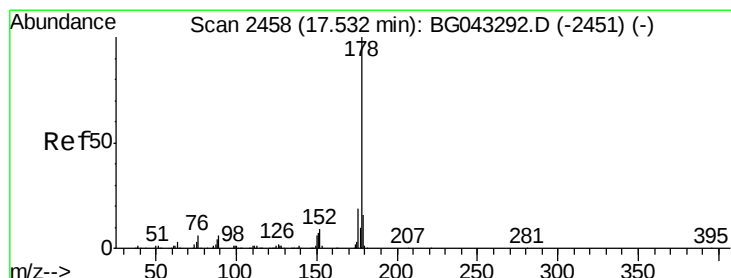
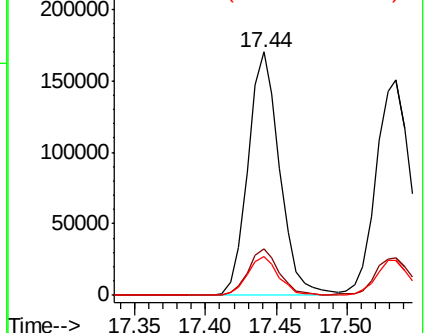
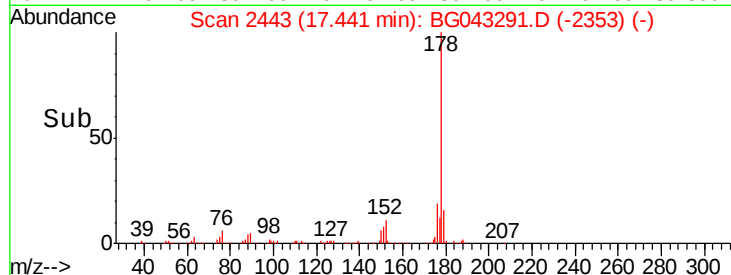
179 16.1 13.1 19.7



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



#72

Anthracene

Concen: 21.718 ng

RT: 17.53 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

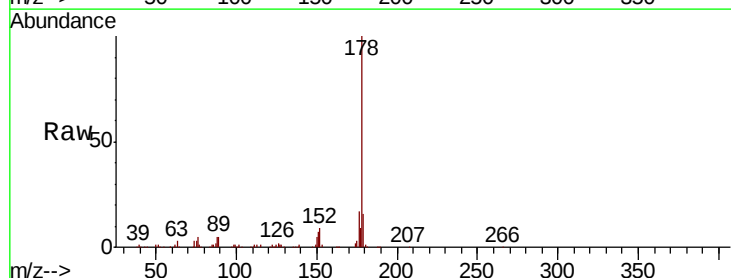
Tgt Ion:178 Resp: 264121

Ion Ratio Lower Upper

178 100

176 17.4 15.1 22.7

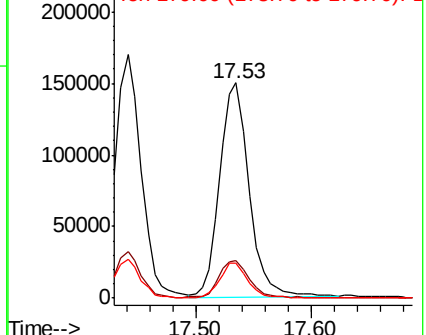
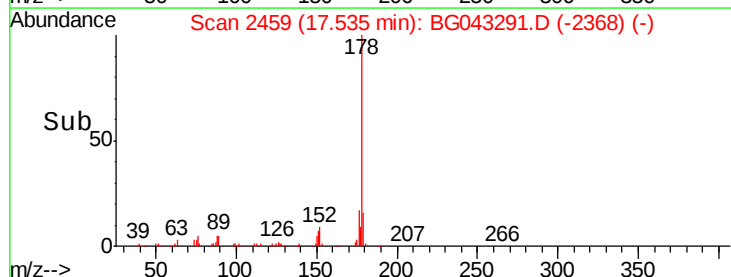
179 16.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

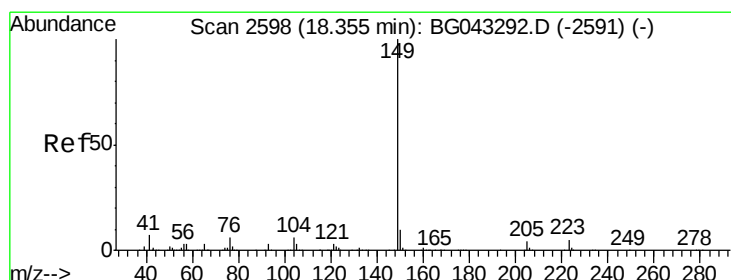
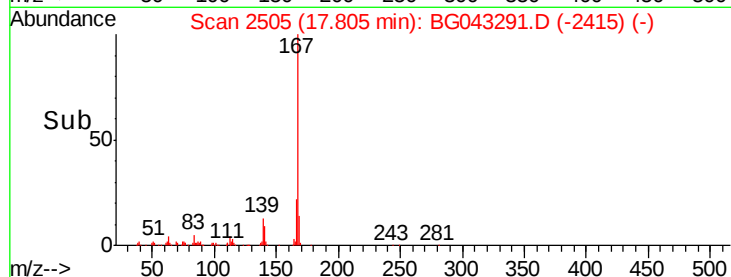
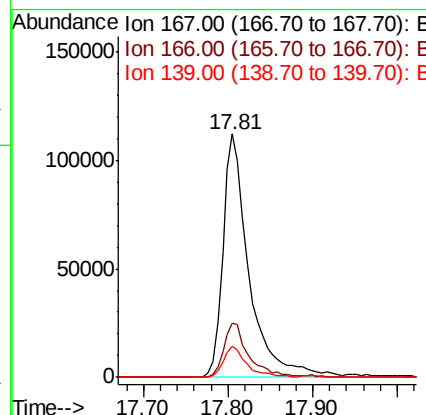
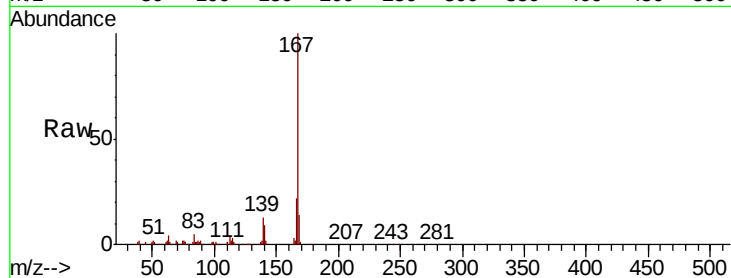




#73
 Carbazole
 Concen: 21.381 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

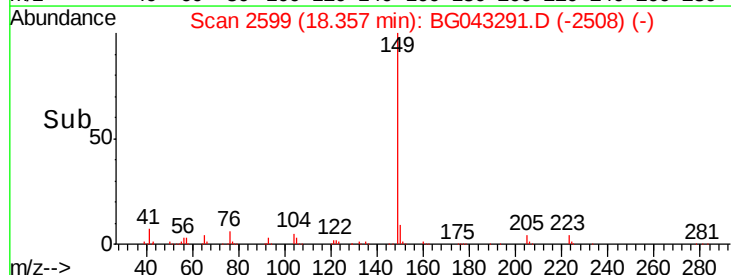
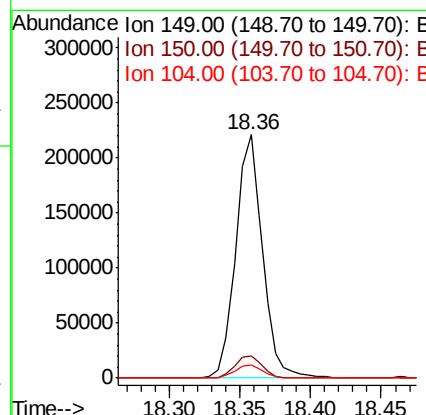
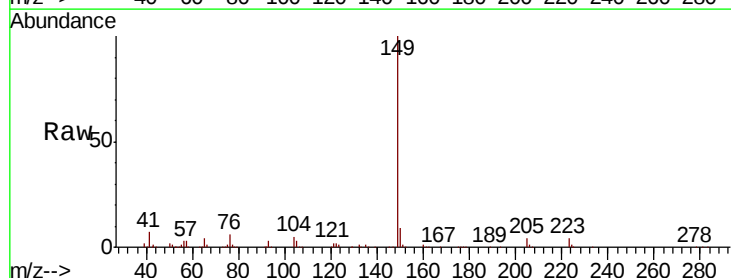
Instrument :
 BNA_G
 ClientSampleId :

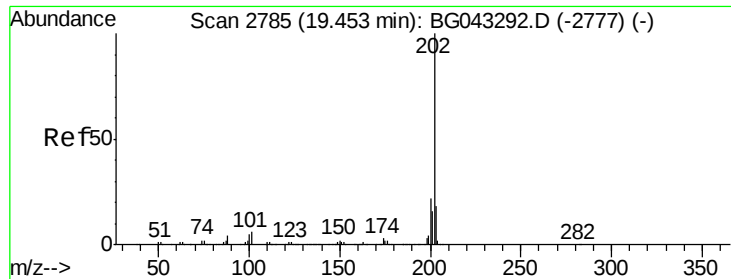
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.4	27.6
139	13.0	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 21.745 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BG043291.D
 Acq: 21 Oct 2019 10:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.0	12.0
104	5.3	4.7	7.1





#75

Fluoranthene

Concen: 21.981 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043291.D

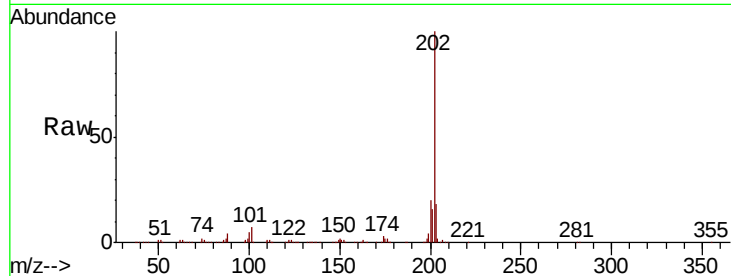
Acq: 21 Oct 2019 10:29

Instrument :

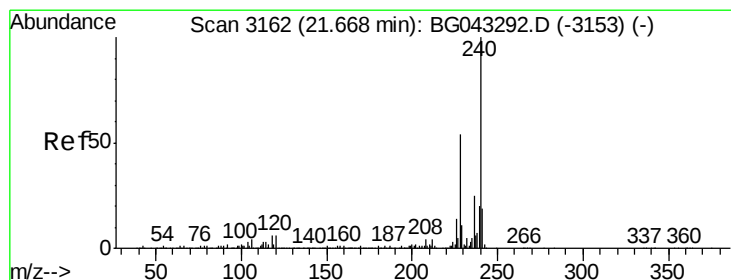
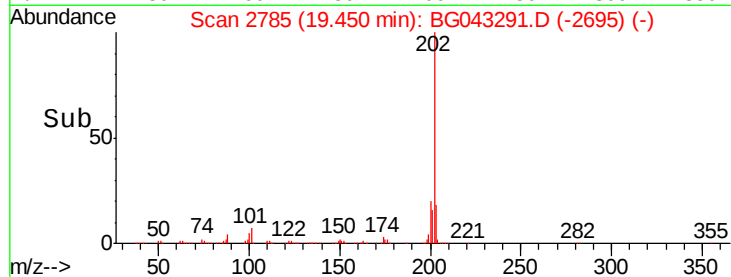
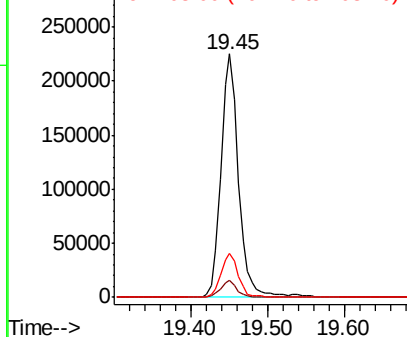
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	354188
Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	26.0
203	18.3	0.0	38.2



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

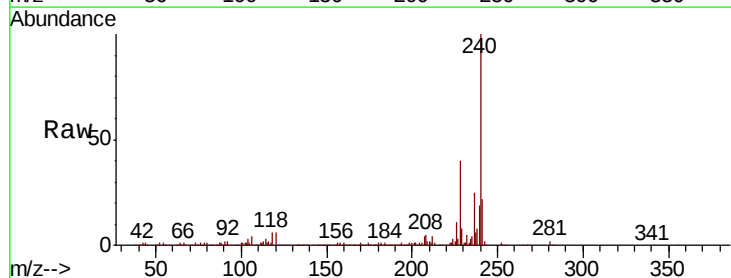
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

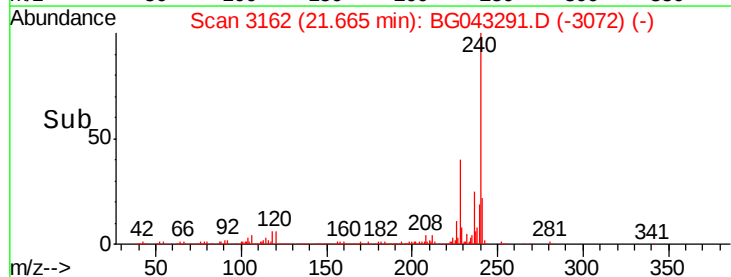
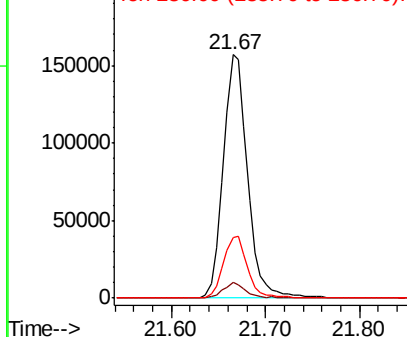
Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Tgt Ion:	240	Resp:	282562
Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.6	7.0
236	24.9	20.2	30.4



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: 17.753 ng

RT: 19.64 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

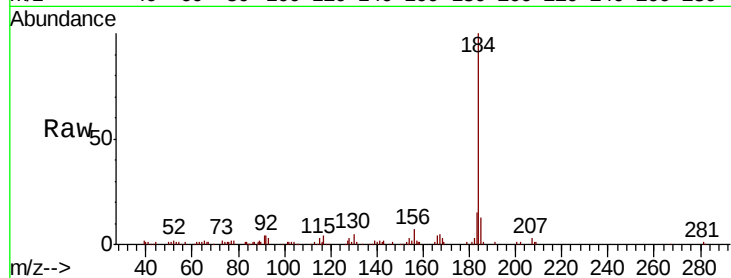
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 125605

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.8	17.6
183	14.6	10.6	16.0

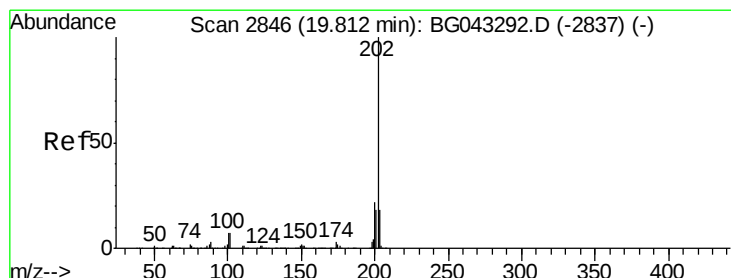
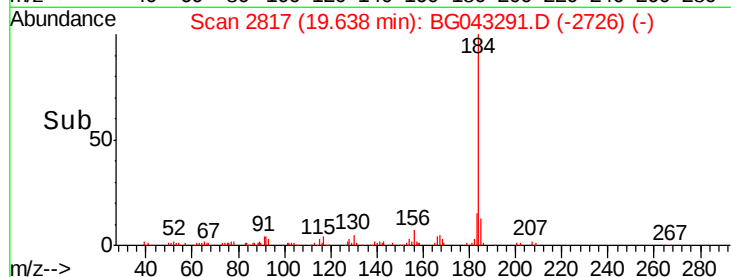
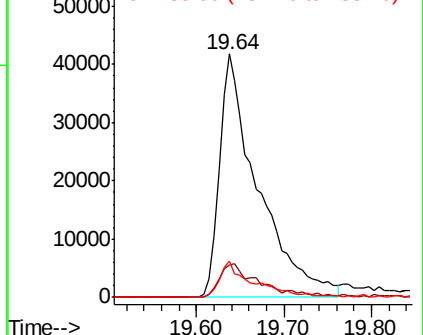


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 21.763 ng

RT: 19.81 min Scan# 2846

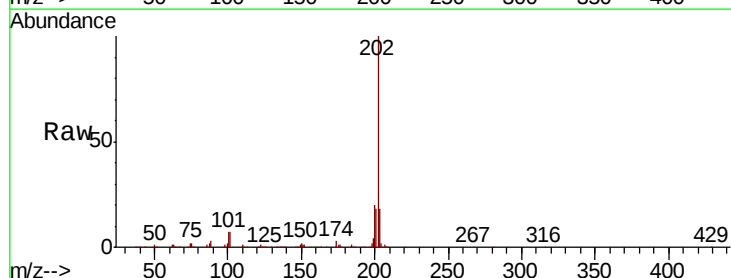
Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Tgt Ion:202 Resp: 367036

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.3	25.9
203	17.6	14.5	21.7

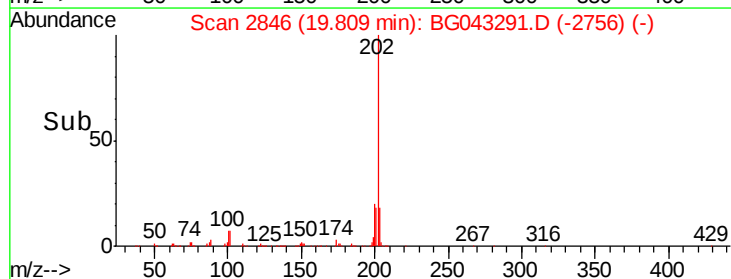
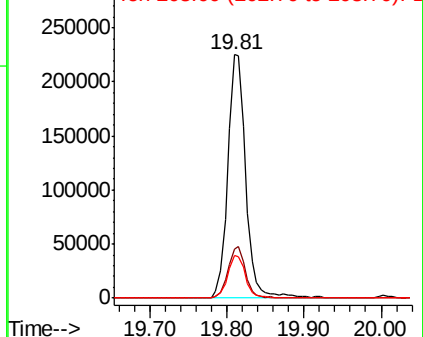


Abundance

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: 49.636 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

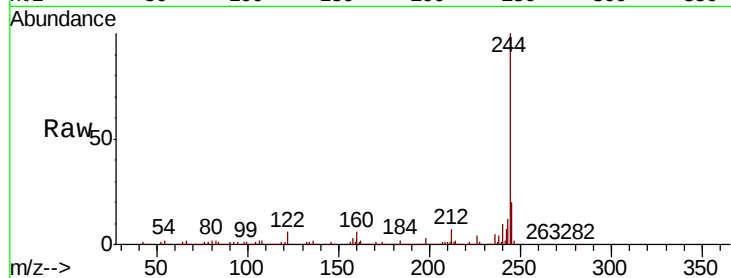
Tot Ion:244 Resp: 658195

Ion Ratio Lower Upper

244 100

212 6.6 6.4 9.6

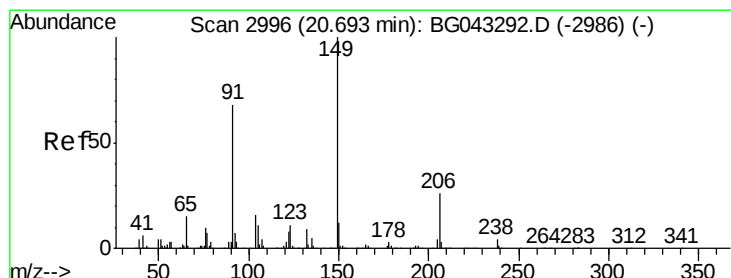
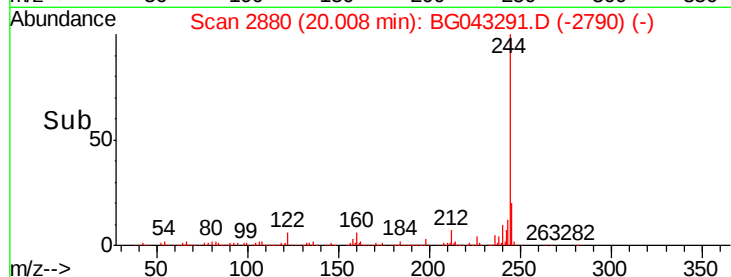
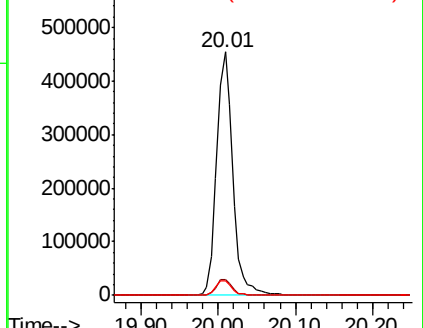
122 6.2 5.3 7.9



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: 20.578 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

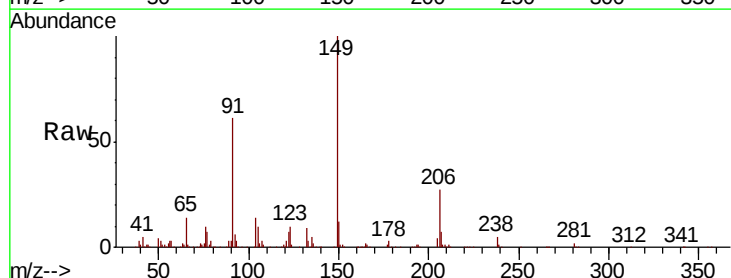
Tgt Ion:149 Resp: 131733

Ion Ratio Lower Upper

149 100

91 61.4 54.6 82.0

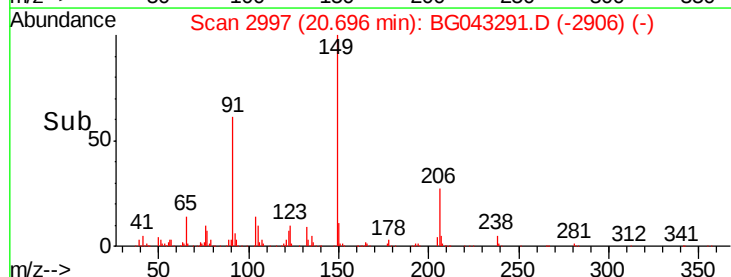
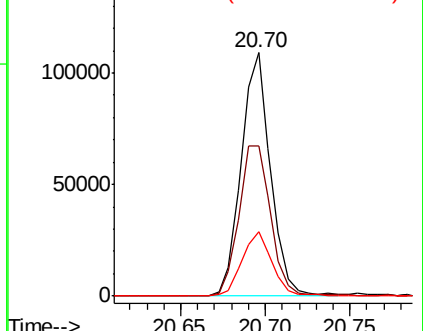
206 26.7 20.5 30.7

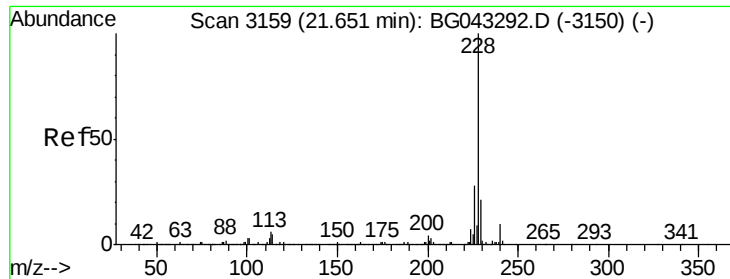


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 20.801 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043291.D

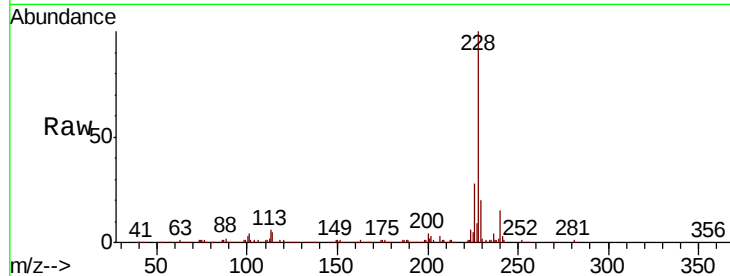
Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampled :

Tot	Ion:228	Resp:	366227
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.3	16.9	25.3

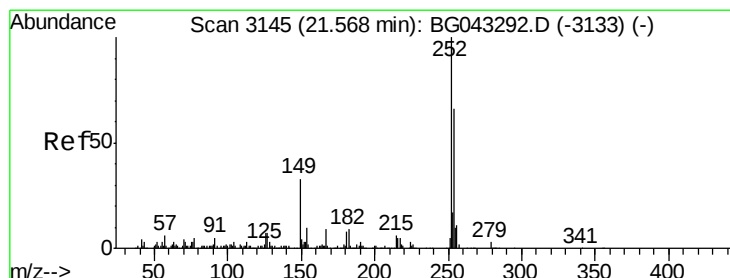
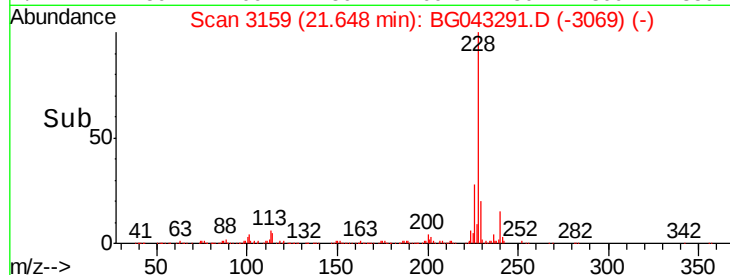
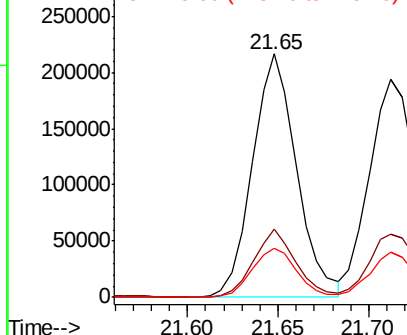


Abundance

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: 20.650 ng

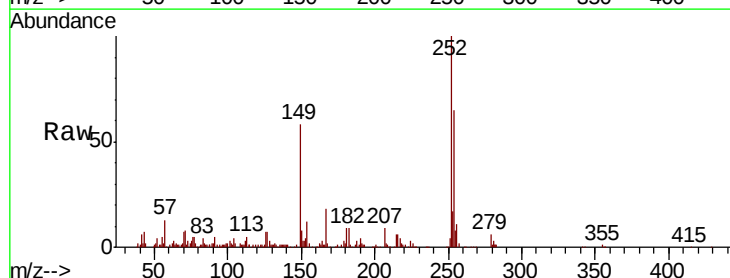
RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Tgt	Ion:252	Resp:	142593
Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.7	79.1
126	6.8	5.6	8.4

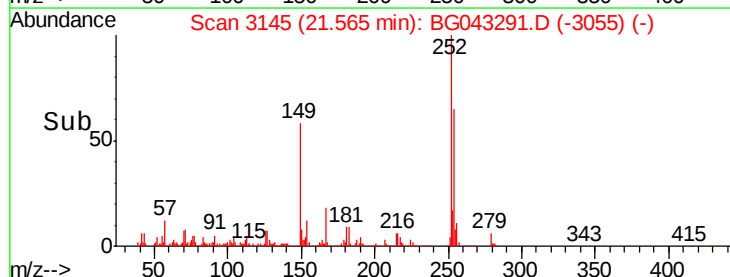
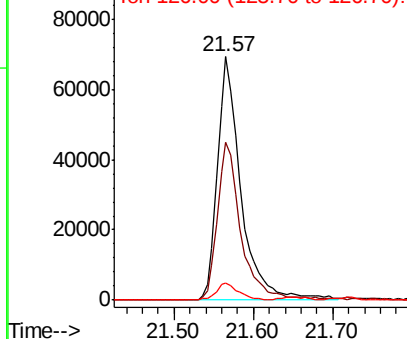


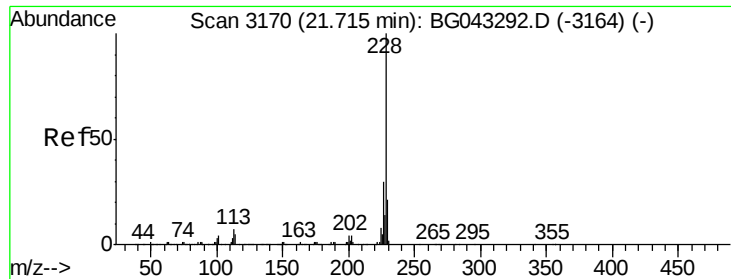
Abundance

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: 21.123 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

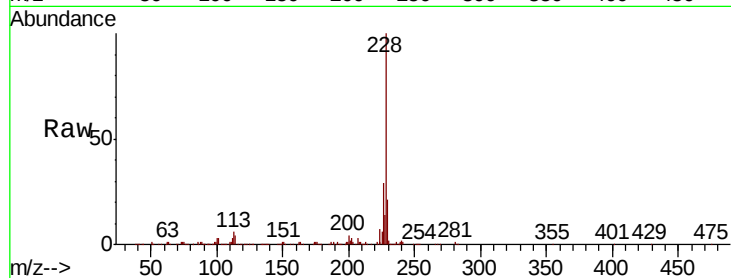
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 360897

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.8	35.8
229	20.6	16.3	24.5

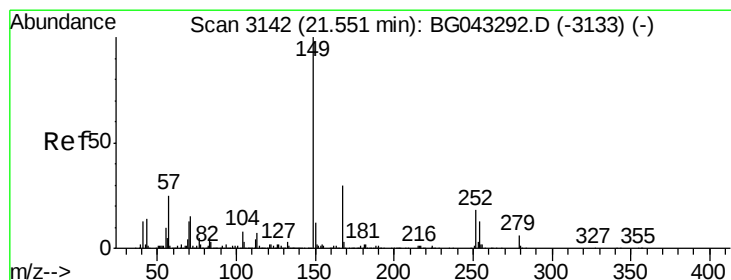
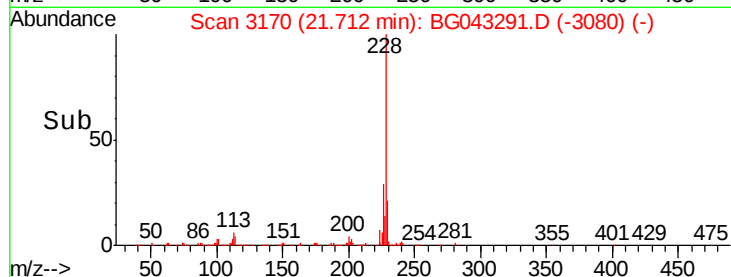
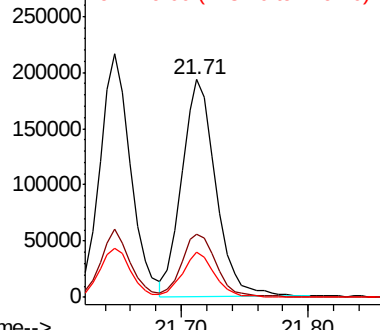


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.402 ng

RT: 21.55 min Scan# 3143

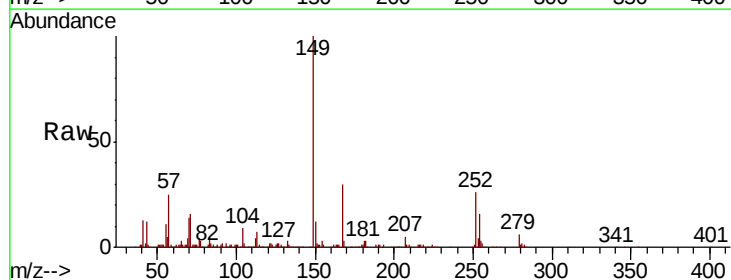
Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Tgt Ion:149 Resp: 185840

Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.9	35.9
279	6.3	4.8	7.2

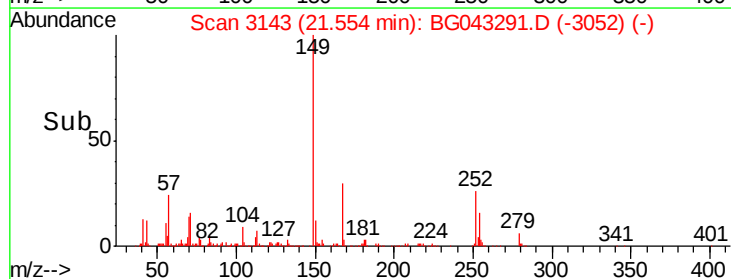
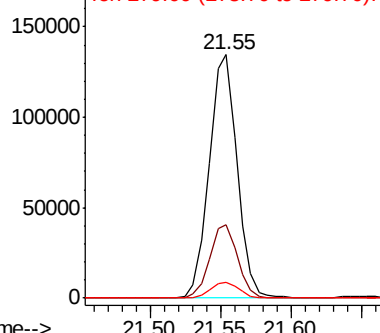


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

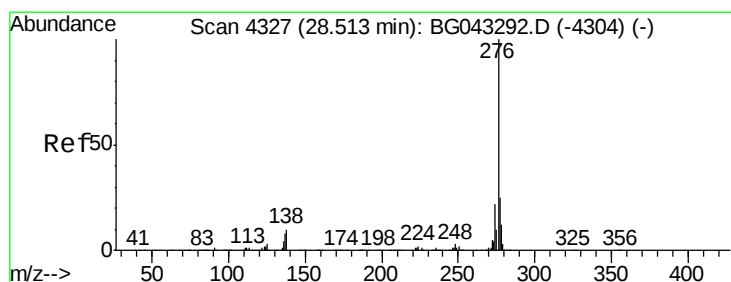
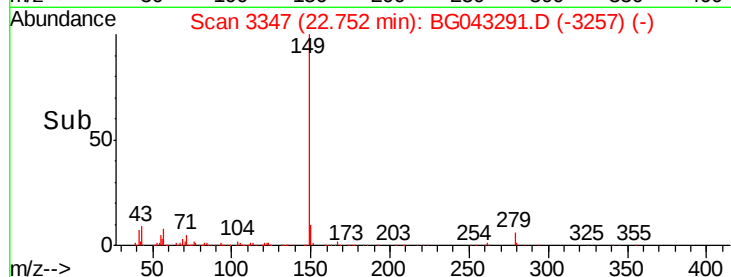
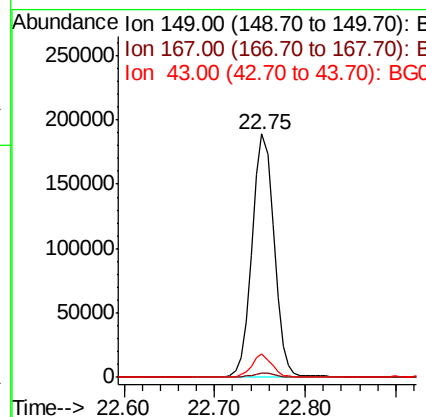
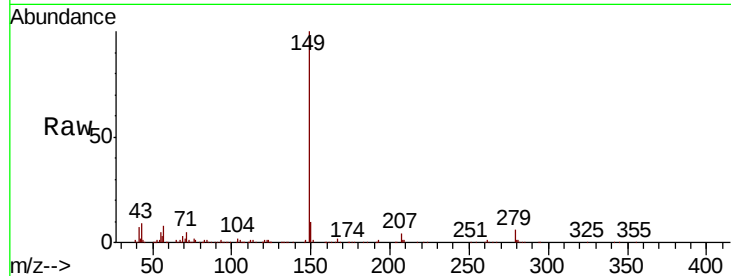




#85
Di-n-octyl phthalate
Concen: 21.495 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

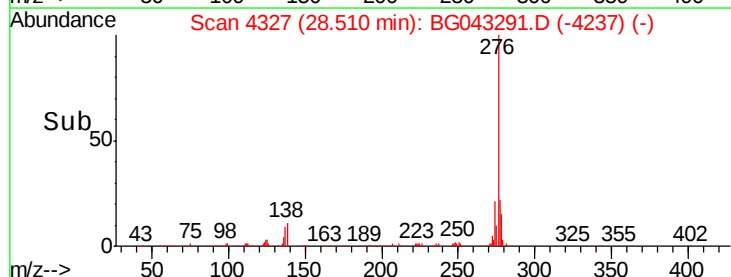
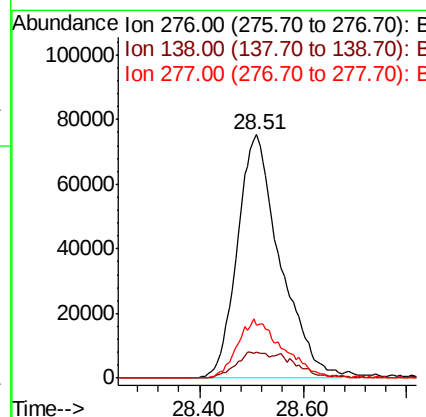
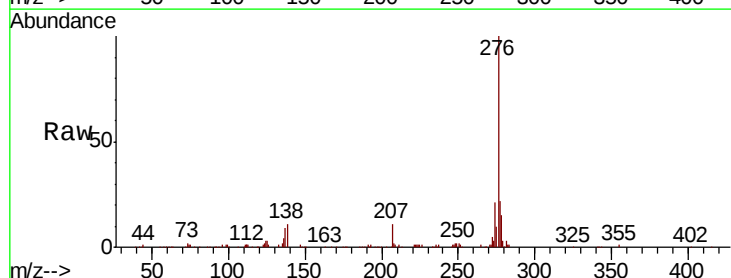
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.8	6.9	10.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 20.298 ng
RT: 28.51 min Scan# 4327
Delta R.T. -0.00 min
Lab File: BG043291.D
Acq: 21 Oct 2019 10:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.8	7.2	10.8
277	25.2	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampled :

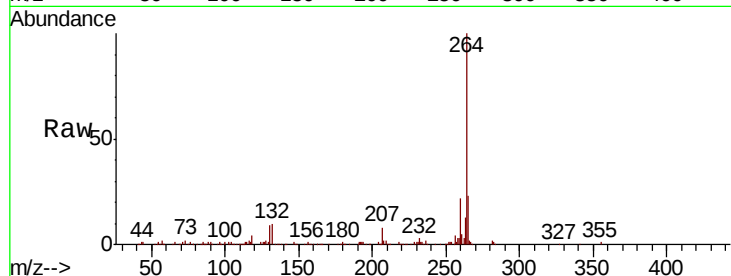
Tot Ion:264 Resp: 323621

Ion Ratio Lower Upper

264 100

260 22.5 17.9 26.9

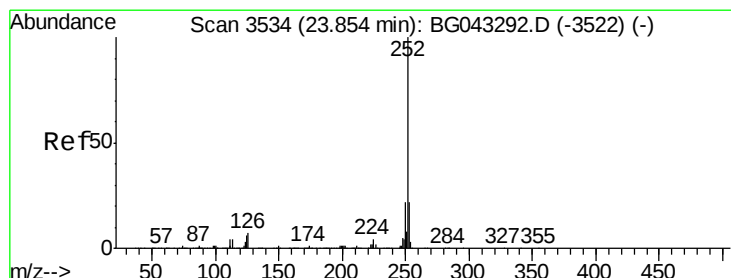
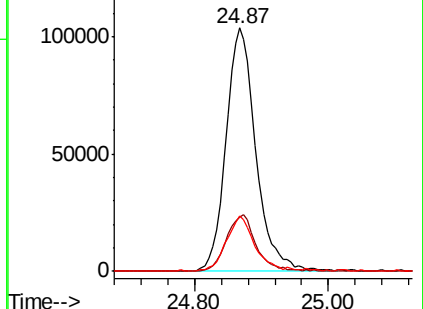
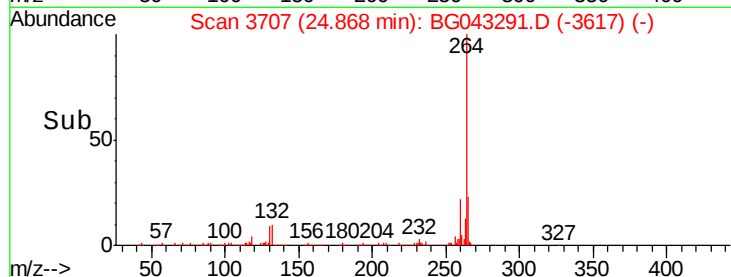
265 22.9 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 20.302 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

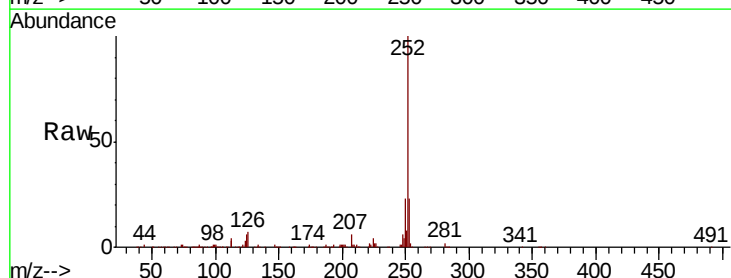
Tgt Ion:252 Resp: 371754

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

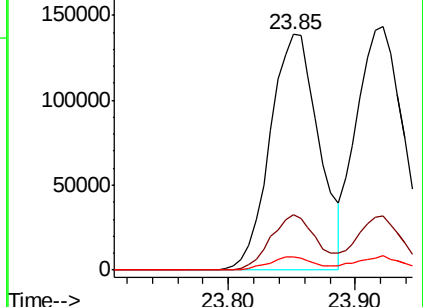
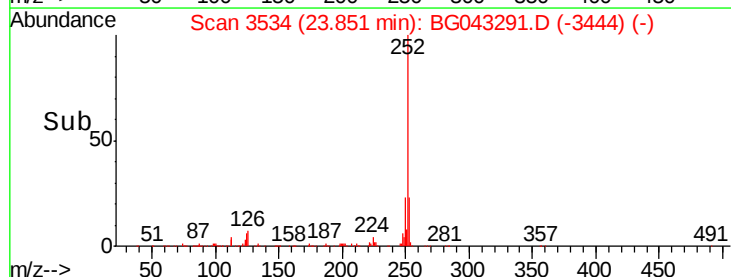
125 5.5 5.0 7.6

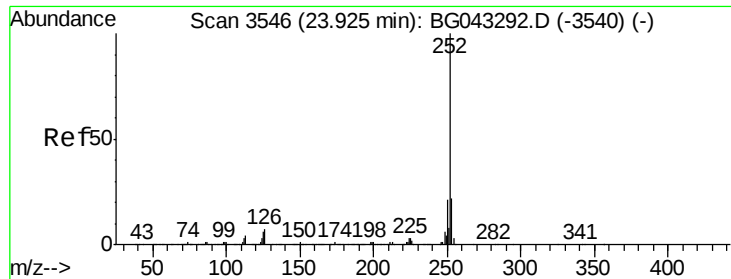


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 21.203 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

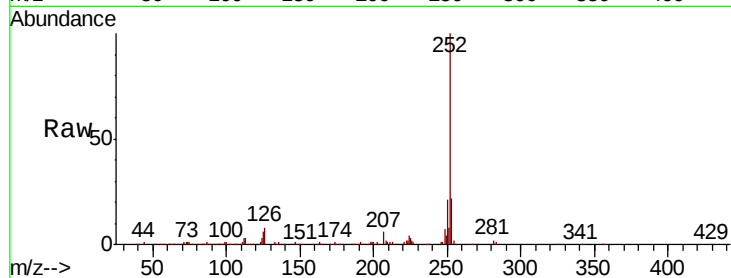
Tot Ion:252 Resp: 384093

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

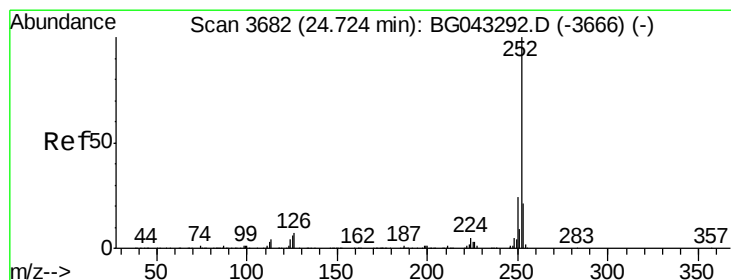
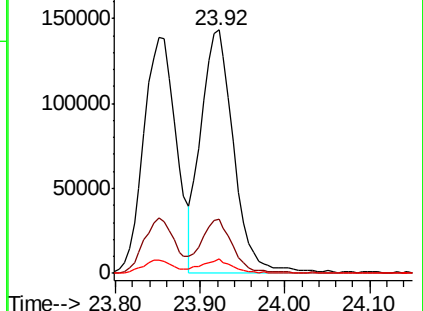
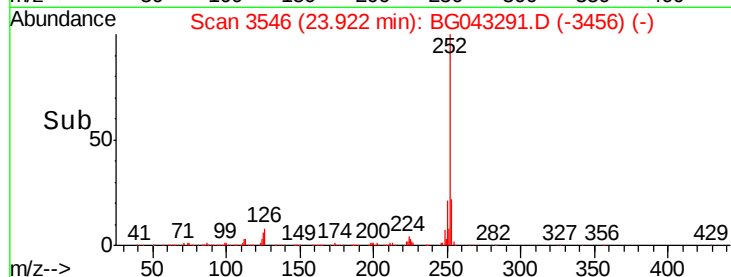
125 5.9 4.5 6.7



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: 20.565 ng

RT: 24.72 min Scan# 3682

Delta R.T. -0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

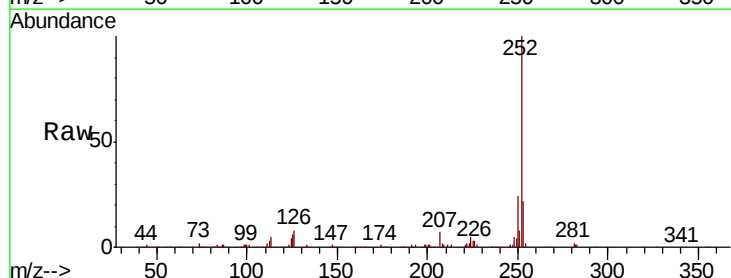
Tgt Ion:252 Resp: 355276

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

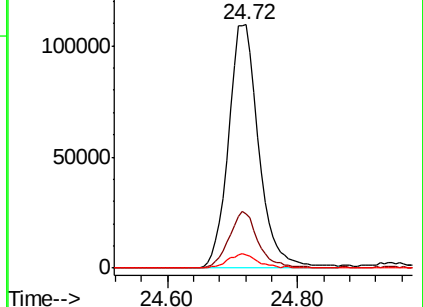
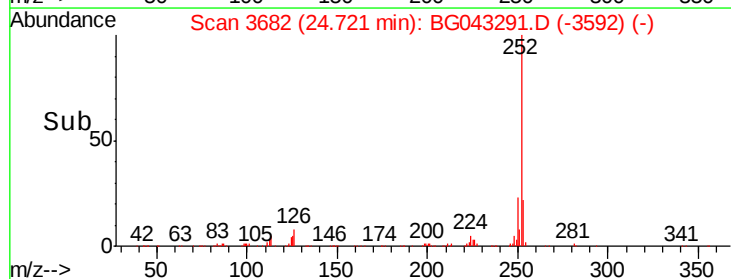
125 5.6 5.0 7.6

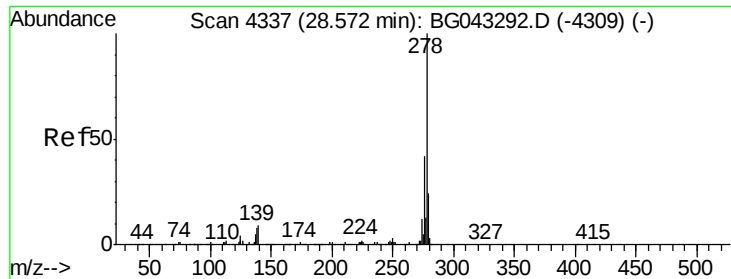


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 20.098 ng

RT: 28.57 min Scan# 4338

Delta R.T. 0.00 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

Instrument :

BNA_G

ClientSampleId :

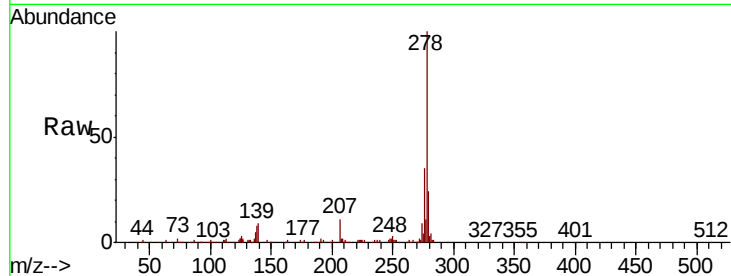
Tot Ion:278 Resp: 356048

Ion Ratio Lower Upper

278 100

139 8.7 6.8 10.2

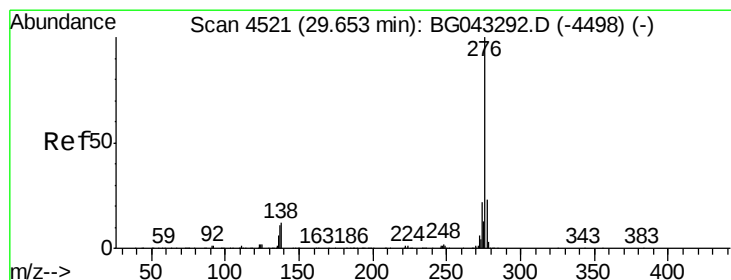
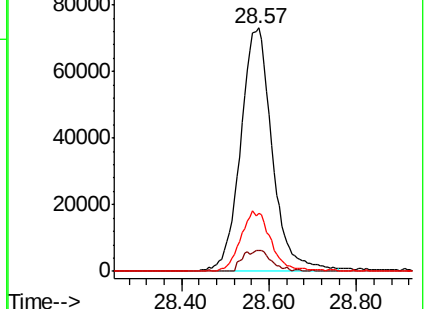
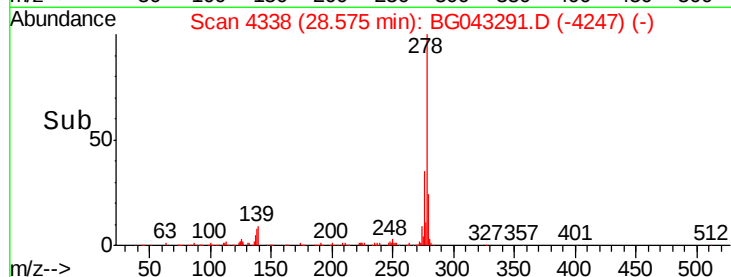
279 23.7 19.0 28.6



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: 20.367 ng

RT: 29.64 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BG043291.D

Acq: 21 Oct 2019 10:29

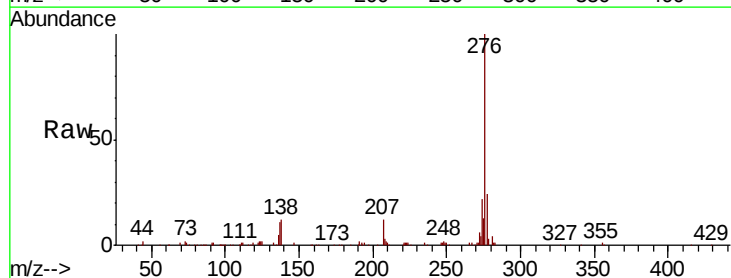
Tgt Ion:276 Resp: 349585

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 11.9 9.3 13.9



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

