

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043789.D
 Acq On : 9 Dec 2019 13:30
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 15:32:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	131224	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	562406	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	386279	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	861625	20.00	ng	0.00
76) Chrysene-d12	21.63	240	724703	20.00	ng	0.00
87) Perylene-d12	24.79	264	813636	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	289939	39.72	ng	0.00
7) Phenol-d6	7.16	99	424333	39.99	ng	0.00
23) Nitrobenzene-d5	9.15	82	415978	40.67	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	147809	31.72	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1041606	44.32	ng	0.00
79) Terphenyl-d14	19.98	244	1559795	48.63	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	67444	20.839	ng	97
3) Pyridine	3.88	79	200140	21.962	ng	96
4) n-Nitrosodimethylamine	3.79	42	87180	19.258	ng	99
6) Aniline	7.32	93	277245	20.050	ng	99
8) 2-Chlorophenol	7.57	128	169029	20.303	ng	98
9) Benzaldehyde	7.13	77	134815	21.271	ng	90
10) Phenol	7.18	94	215154	19.752	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	184365	20.280	ng	98
12) 1,3-Dichlorobenzene	7.90	146	204847	20.902	ng	98
13) 1,4-Dichlorobenzene	8.04	146	201448	20.294	ng	98
14) 1,2-Dichlorobenzene	8.35	146	199206	21.210	ng	98
15) Benzyl Alcohol	8.23	79	161902	18.268	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	292144	18.686	ng	100
17) 2-Methylphenol	8.44	107	151248	19.421	ng	99
18) Hexachloroethane	9.09	117	72488	19.345	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	158646	19.013	ng	97
20) 3+4-Methylphenols	8.76	107	210484	19.373	ng	99
22) Acetophenone	8.82	105	296498	19.891	ng	# 99
24) Nitrobenzene	9.20	77	210101	19.983	ng	97
25) Isophorone	9.72	82	415974	18.966	ng	100
26) 2-Nitrophenol	9.91	139	58704	15.475	ng	94
27) 2,4-Dimethylphenol	9.97	122	142704	19.159	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	270110	19.981	ng	97
29) 2,4-Dichlorophenol	10.45	162	170573	18.837	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	211894	19.969	ng	96
31) Naphthalene	10.85	128	584460	20.949	ng	100
32) Benzoic acid	10.06	122	61638	11.475	ng	96
33) 4-Chloroaniline	10.95	127	271688	20.213	ng	99
34) Hexachlorobutadiene	11.15	225	128211	18.375	ng	98
35) Caprolactam	11.70	113	66809	18.145	ng	92
36) 4-Chloro-3-methylphenol	12.07	107	187636	18.439	ng	99
37) 2-Methylnaphthalene	12.46	142	449415	21.376	ng	99
38) 1-Methylnaphthalene	12.68	142	424567	21.278	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	242125	19.699	ng	99

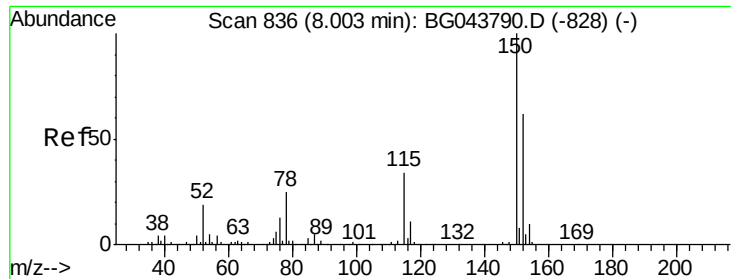
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043789.D
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 QLast Update : Mon Dec 09 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	102344	15.412	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	146958	18.590	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	155125	18.863	ng	98
46) 1,1'-Biphenyl	13.47	154	588869	21.993	ng	96
47) 2-Chloronaphthalene	13.50	162	476326	21.814	ng	98
48) 2-Nitroaniline	13.69	65	121743	19.045	ng	95
49) Acenaphthylene	14.35	152	726729	21.154	ng	97
50) Dimethylphthalate	14.08	163	614511	20.082	ng	97
51) 2,6-Dinitrotoluene	14.19	165	118144	20.791	ng	91
52) Acenaphthene	14.69	154	453943	20.662	ng	95
53) 3-Nitroaniline	14.51	138	136580	20.577	ng	97
54) 2,4-Dinitrophenol	14.72	184	29973	12.910	ng	# 58
55) Dibenzofuran	15.02	168	718246	20.985	ng	98
56) 4-Nitrophenol	14.81	139	95642	17.107	ng	100
57) 2,4-Dinitrotoluene	14.98	165	157327	19.964	ng	96
58) Fluorene	15.68	166	571822	20.373	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.17	232	131360	15.903	ng	99
60) Diethylphthalate	15.45	149	613980	19.110	ng	96
61) 4-Chlorophenyl-phenylether	15.67	204	305326	19.758	ng	98
62) 4-Nitroaniline	15.68	138	146881	19.299	ng	99
63) Azobenzene	15.96	77	560972	19.478	ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	47061	16.096	ng	97
66) n-Nitrosodiphenylamine	15.88	169	514305	22.545	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	189759	20.884	ng	97
68) Hexachlorobenzene	16.68	284	202223	20.358	ng	95
69) Atrazine	16.83	200	173651	18.993	ng	99
70) Pentachlorophenol	17.02	266	99829	16.470	ng	97
71) Phenanthrene	17.41	178	935045	21.932	ng	96
72) Anthracene	17.50	178	920543	21.374	ng	96
73) Carbazole	17.77	167	859379	20.141	ng	97
74) Di-n-butylphthalate	18.34	149	1009550	18.486	ng	98
75) Fluoranthene	19.42	202	1099321	17.976	ng	96
77) Benzidine	19.59	184	325162	15.360	ng	99
78) Pyrene	19.78	202	1118080	23.905	ng	95
80) Butylbenzylphthalate	20.68	149	404287	18.975	ng	98
81) Benzo(a)anthracene	21.61	228	1020916	21.072	ng	96
82) 3,3'-Dichlorobenzidine	21.52	252	358643	19.740	ng	99
83) Chrysene	21.67	228	987784	21.546	ng	94
84) Bis(2-ethylhexyl)phthalate	21.55	149	619211	20.655	ng	97
85) Di-n-octyl phthalate	22.75	149	983567	20.227	ng	99
86) Indeno(1,2,3-cd)pyrene	28.36	276	1133660	21.258	ng	98
88) Benzo(b)fluoranthene	23.79	252	1005709	20.702	ng	97
89) Benzo(k)fluoranthene	23.85	252	983150	21.087	ng	99
90) Benzo(a)pyrene	24.64	252	943580	20.656	ng	97
91) Dibenzo(a,h)anthracene	28.44	278	929576	20.980	ng	99
92) Benzo(g,h,i)perylene	29.47	276	899340	20.582	ng	99

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

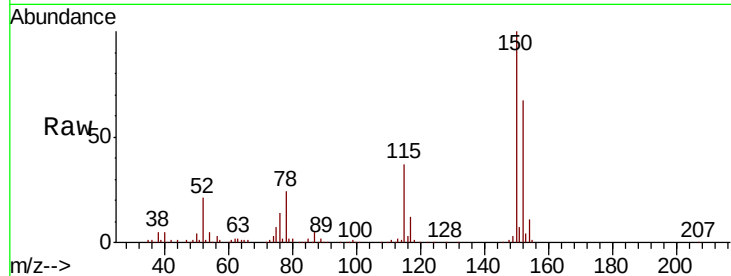


#1

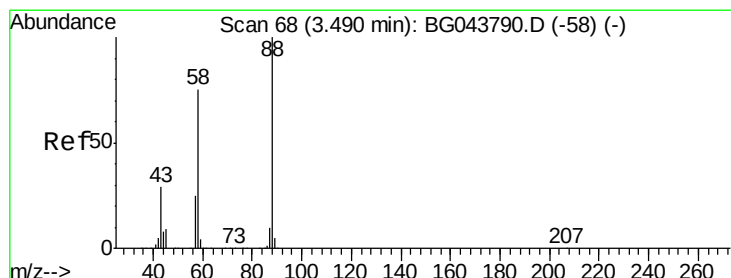
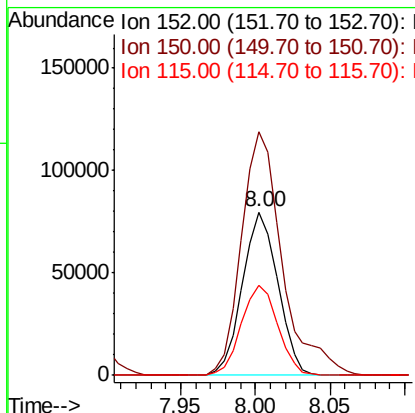
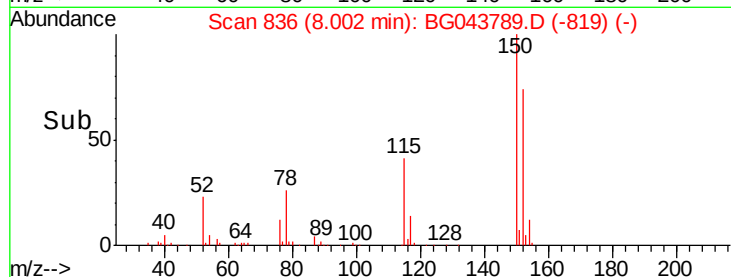
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 131224
Ion Ratio Lower Upper
152 100
150 149.0 128.6 192.8
115 55.2 44.3 66.5



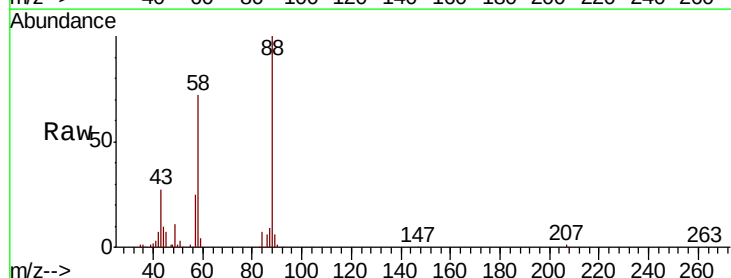
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



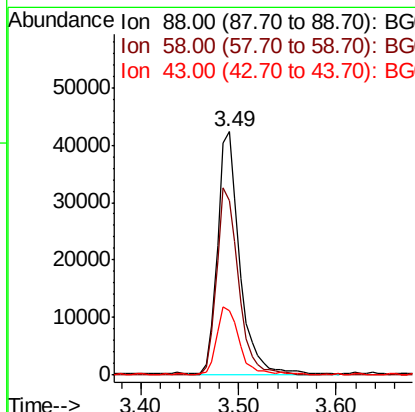
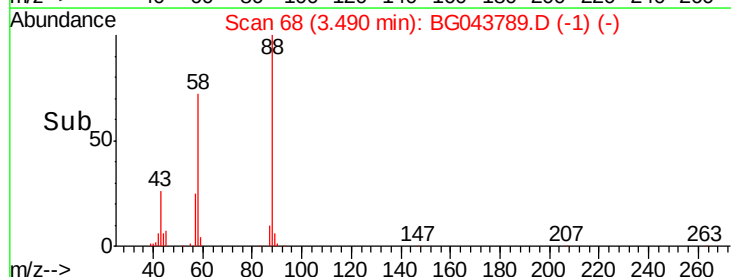
#2

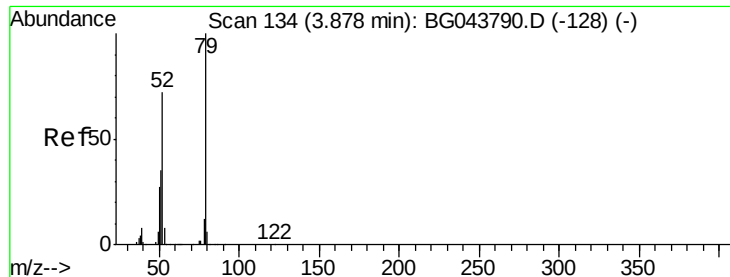
1,4-Dioxane
Concen: 20.839 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion: 88 Resp: 67444
Ion Ratio Lower Upper
88 100
58 74.9 62.2 93.4
43 28.9 24.3 36.5



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 21.962 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampled :

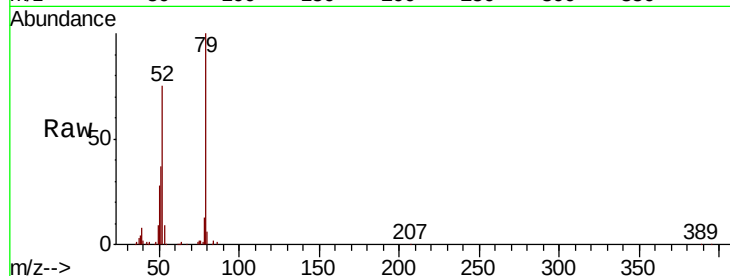
Tot Ion: 79 Resp: 200140

Ion Ratio Lower Upper

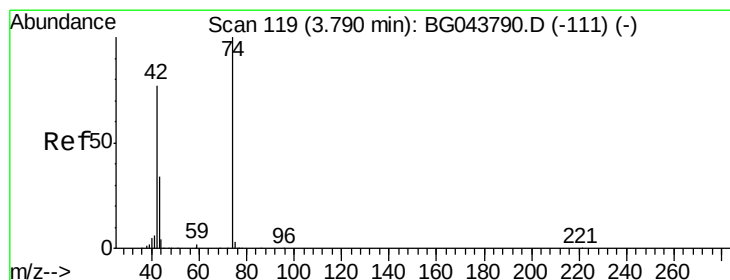
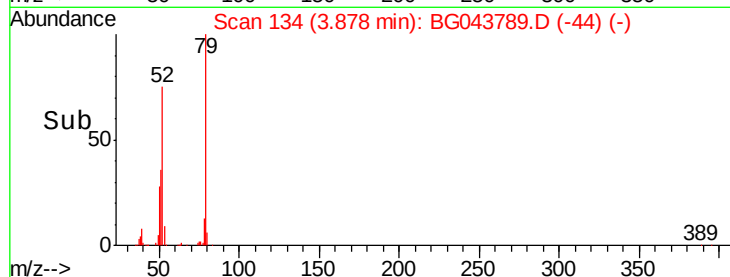
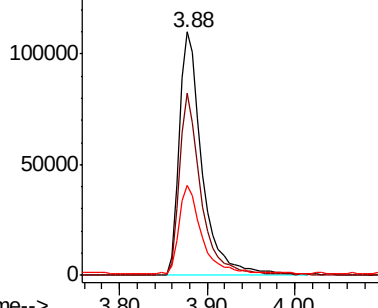
79 100

52 75.0 57.6 86.4

51 37.0 27.8 41.8



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



#4

n-Nitrosodimethylamine

Concen: 19.258 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

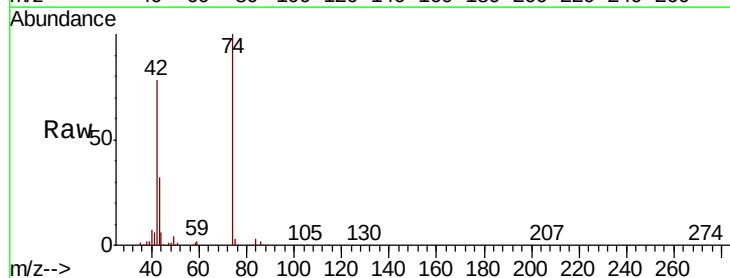
Tgt Ion: 42 Resp: 87180

Ion Ratio Lower Upper

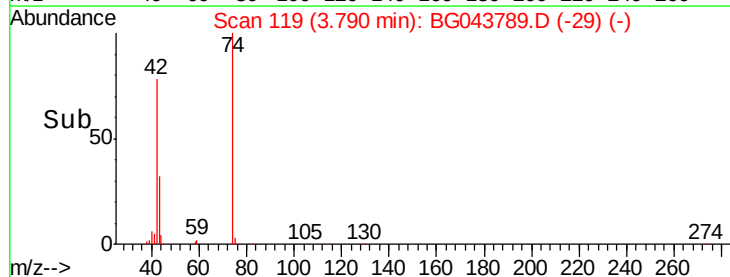
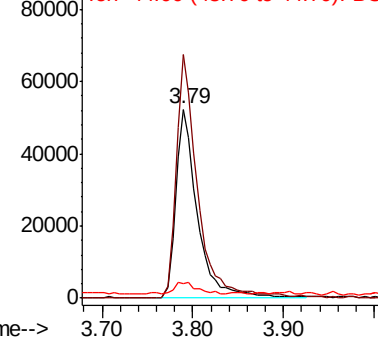
42 100

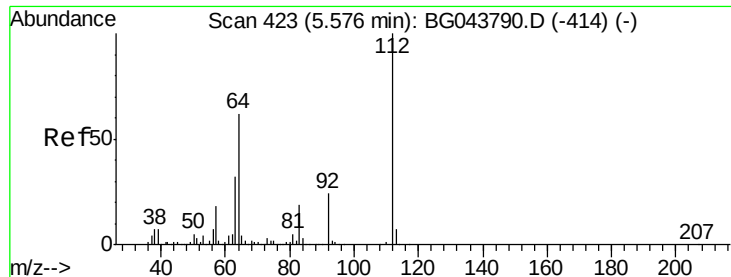
74 128.7 104.2 156.4

44 7.9 5.6 8.4



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





#5

2-Fluorophenol

Concen: 39.722 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

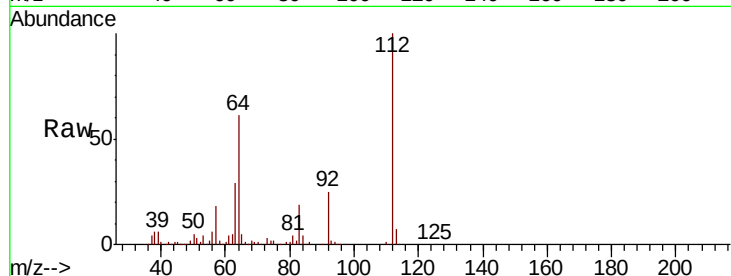
Tot Ion:112 Resp: 289939

Ion Ratio Lower Upper

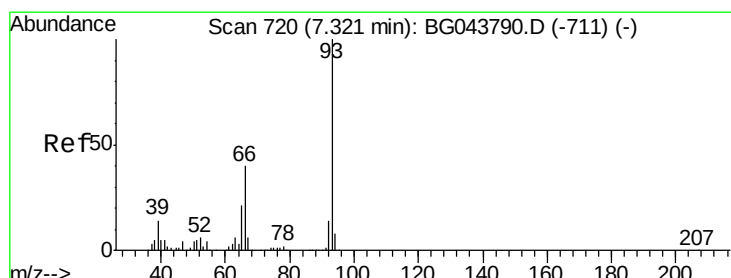
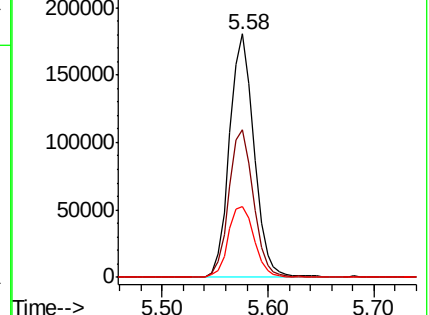
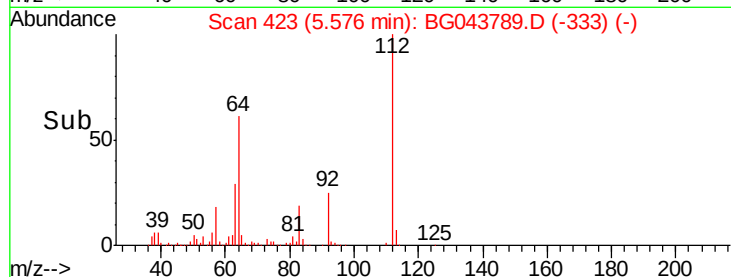
112 100

64 60.6 49.9 74.9

63 29.2 26.0 39.0



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



#6

Aniline

Concen: 20.050 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

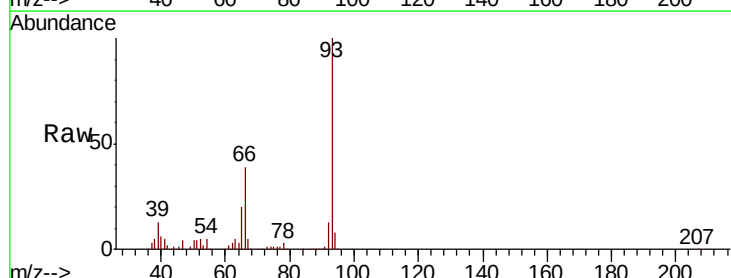
Tgt Ion: 93 Resp: 277245

Ion Ratio Lower Upper

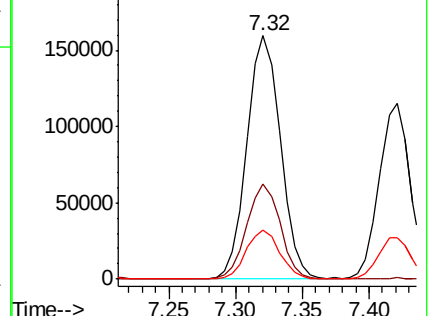
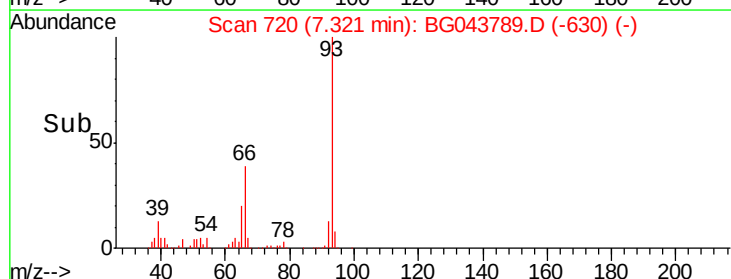
93 100

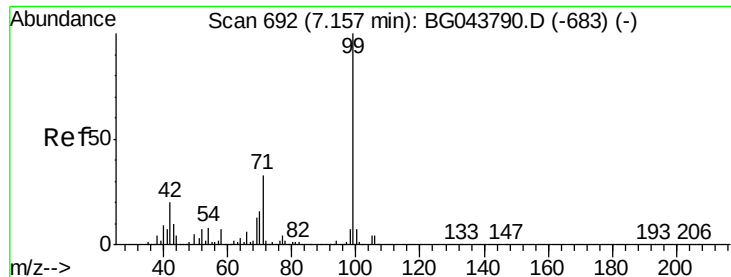
66 39.3 31.9 47.9

65 20.0 16.8 25.2



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





#7

Phenol-d6

Concen: 39.991 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

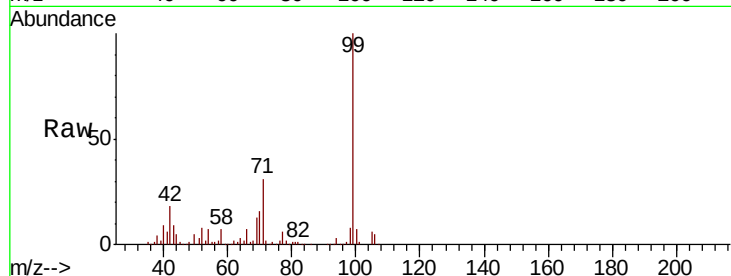
Tot Ion: 99 Resp: 424333

Ion Ratio Lower Upper

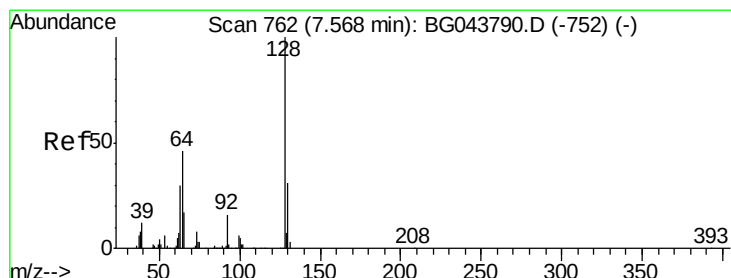
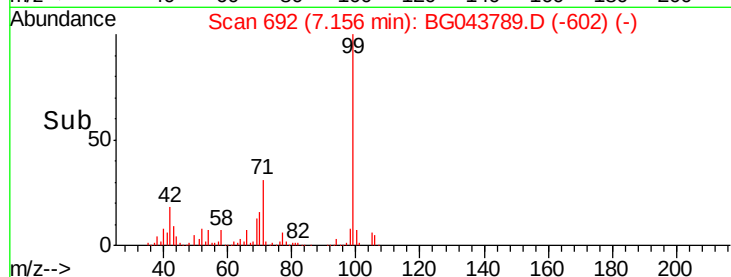
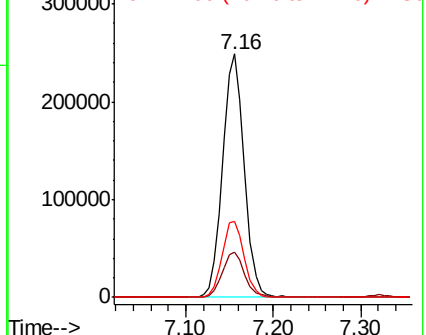
99 100

42 18.3 16.2 24.2

71 31.2 26.6 40.0



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



#8

2-Chlorophenol

Concen: 20.303 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

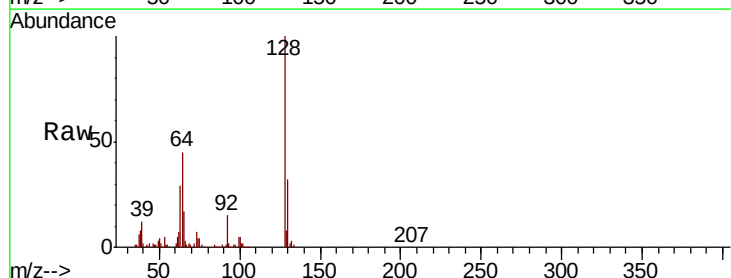
Tgt Ion: 128 Resp: 169029

Ion Ratio Lower Upper

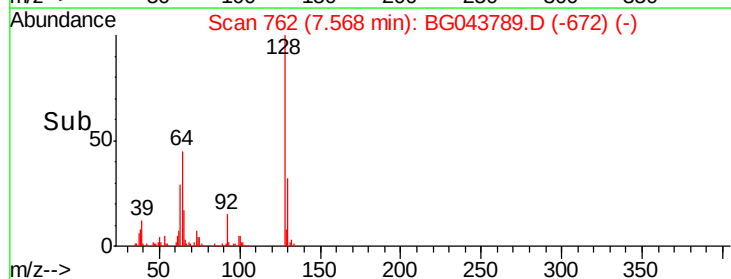
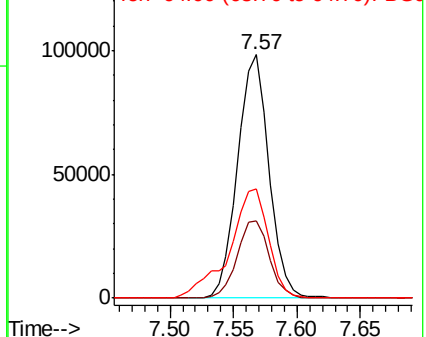
128 100

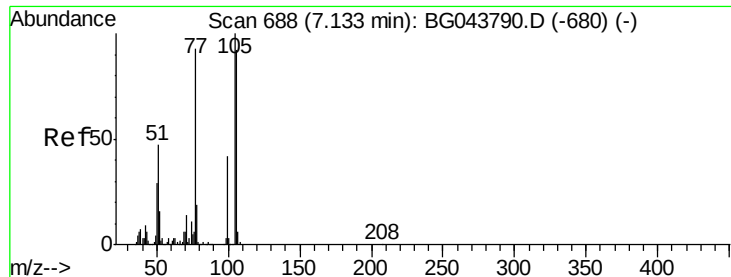
130 31.8 11.1 51.1

64 44.8 26.5 66.5



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





#9

Benzaldehyde

Concen: 21.271 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

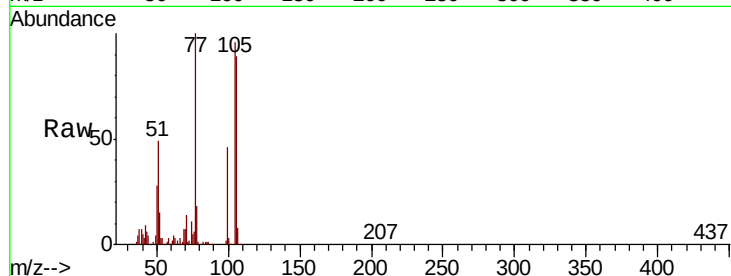
Tot Ion: 77 Resp: 134815

Ion Ratio Lower Upper

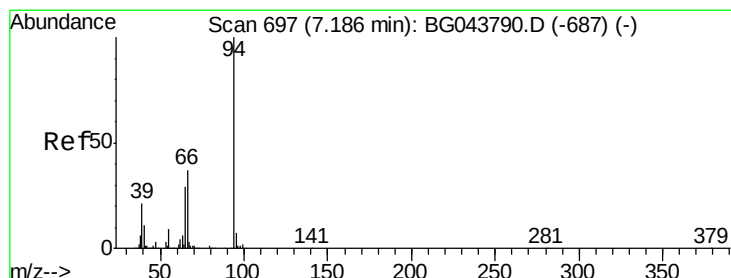
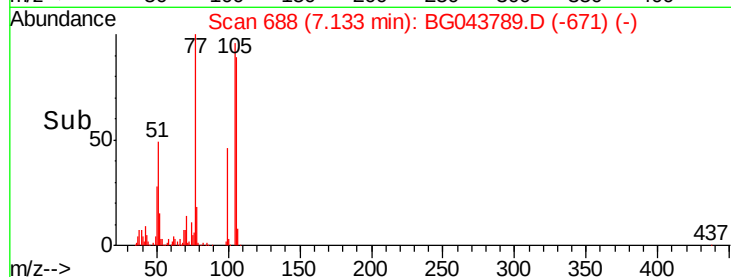
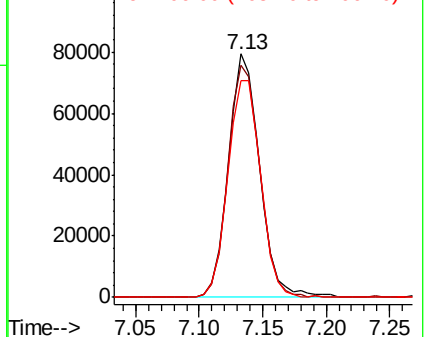
77 100

105 95.5 87.1 127.1

106 89.2 78.2 118.2



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



#10

Phenol

Concen: 19.752 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

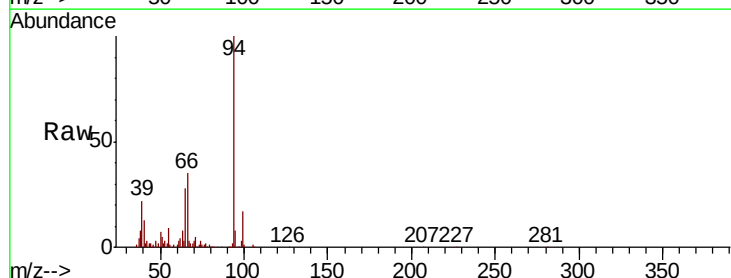
Tgt Ion: 94 Resp: 215154

Ion Ratio Lower Upper

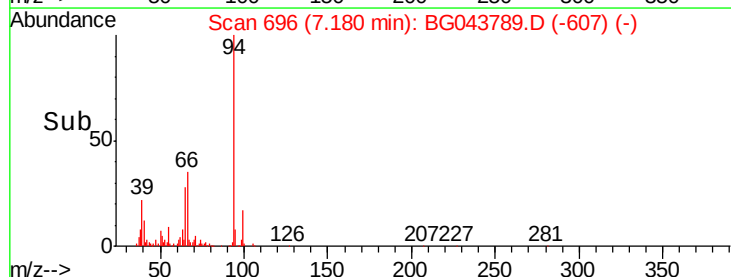
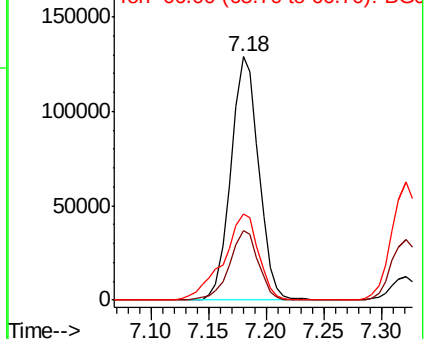
94 100

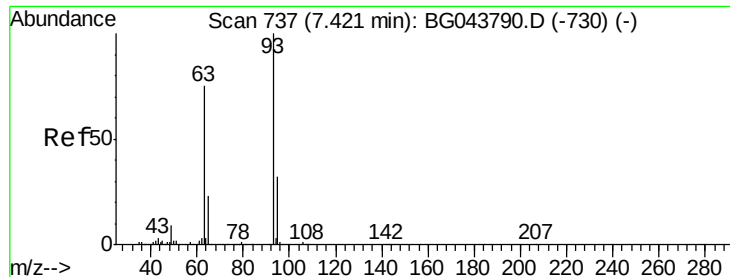
65 28.4 9.5 49.5

66 35.5 16.8 56.8



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

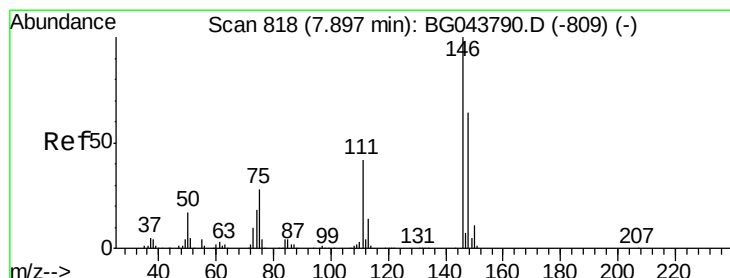
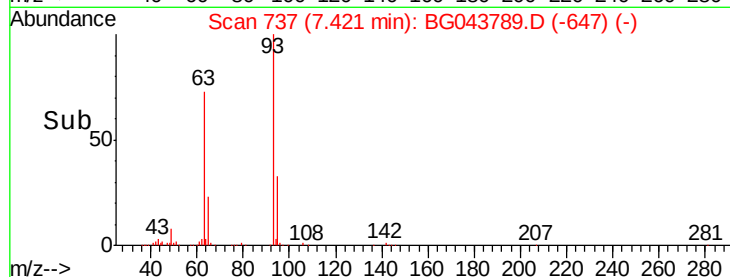
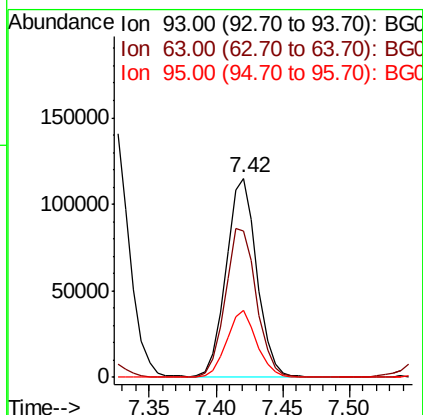
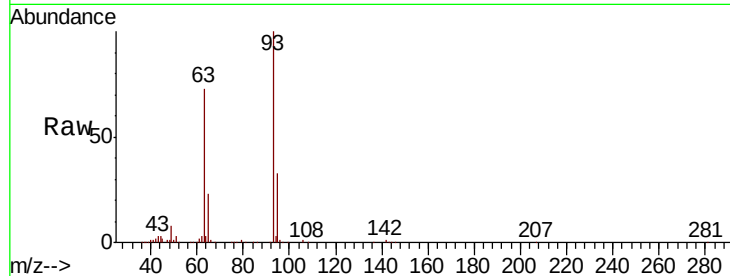




#11
 bis(2-Chloroethyl)ether
 Concen: 20.280 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

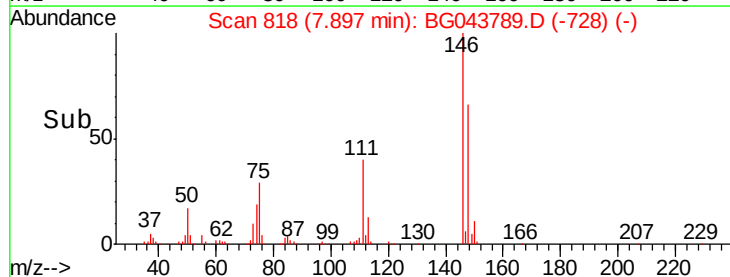
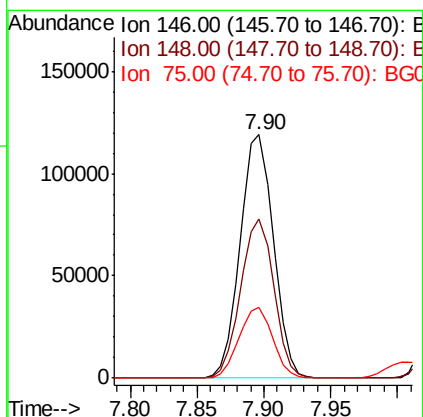
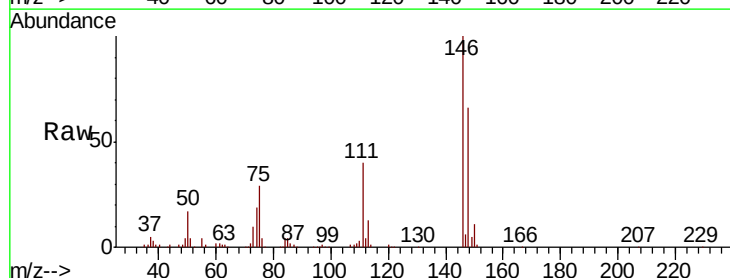
Instrument :
 BNA_G
 ClientSampleId :

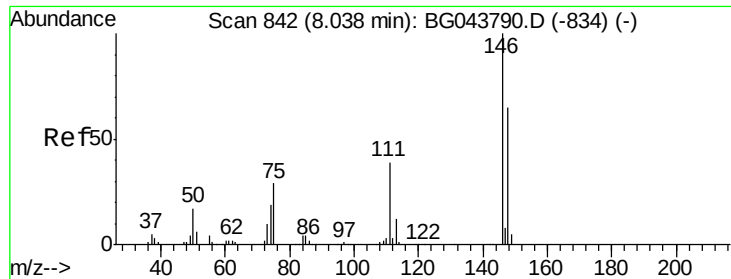
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	54.7	94.7
95	33.3	11.3	51.3



#12
 1,3-Dichlorobenzene
 Concen: 20.902 ng
 RT: 7.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.2
75	29.1	22.4	33.6

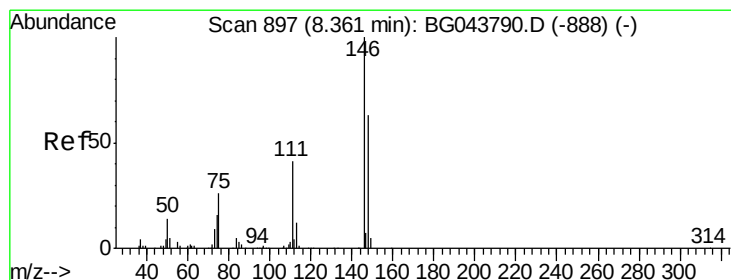
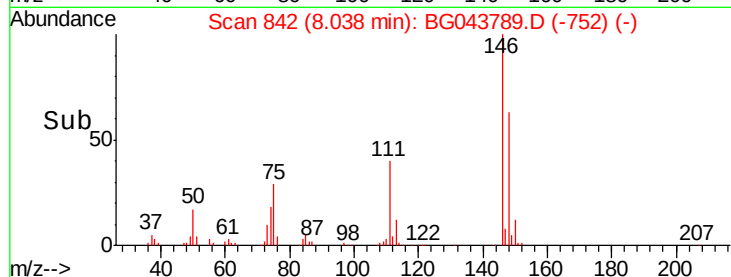
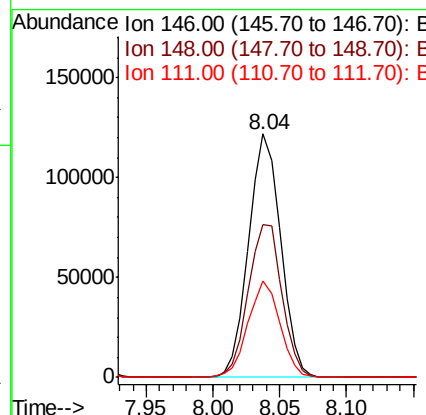
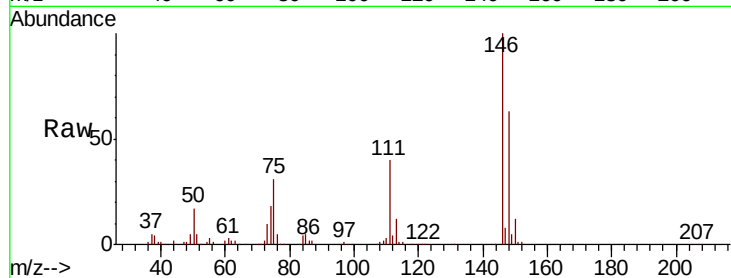




#13
 1,4-Dichlorobenzene
 Concen: 20.294 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

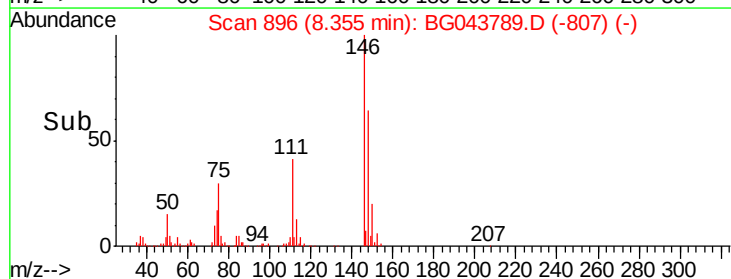
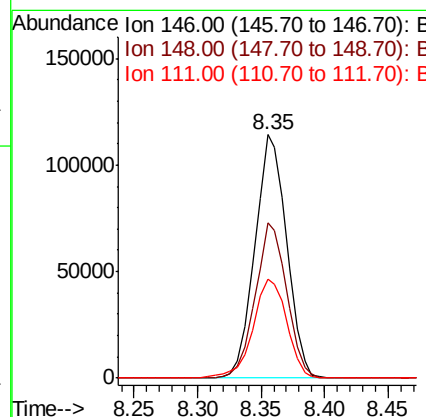
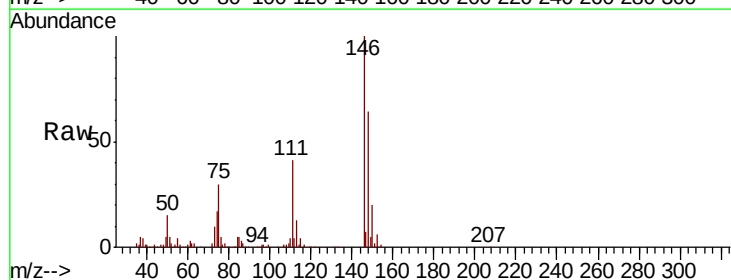
Instrument :
 BNA_G
 ClientSampleId :

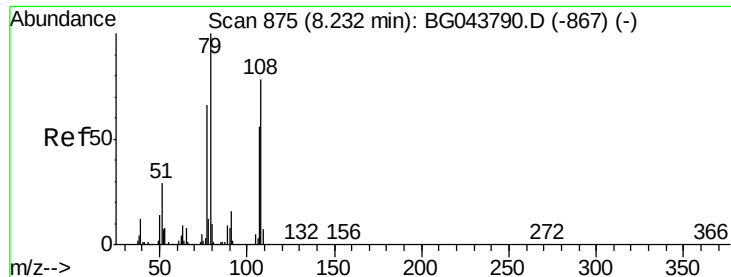
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.8
111	39.6	31.4	47.2



#14
 1,2-Dichlorobenzene
 Concen: 21.210 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.2
111	40.6	33.4	50.2





#15

Benzyl Alcohol

Concen: 18.268 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

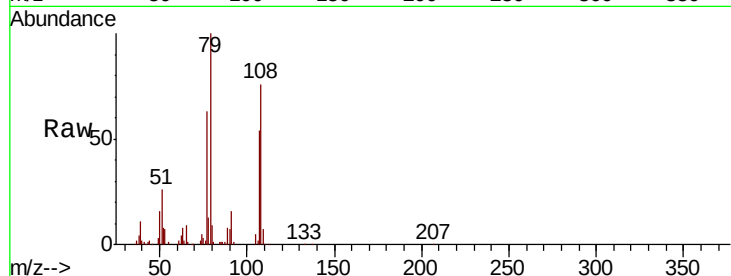
Tot Ion: 79 Resp: 161902

Ion Ratio Lower Upper

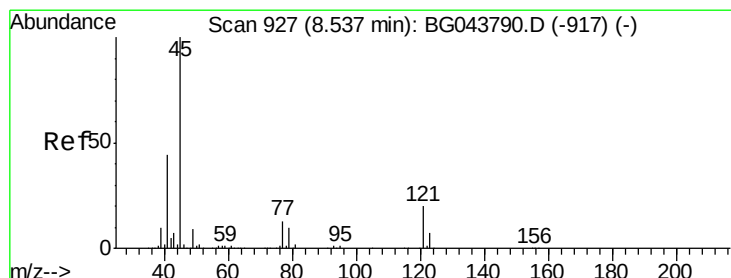
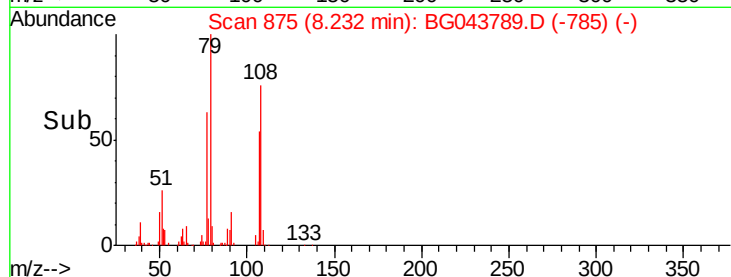
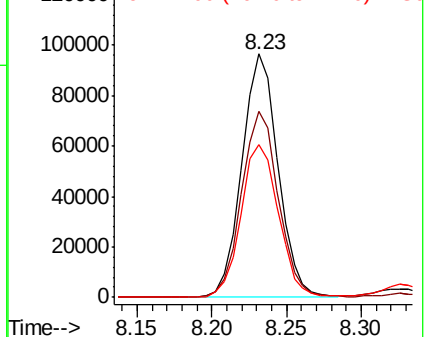
79 100

108 76.2 62.2 93.2

77 62.5 52.8 79.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 18.686 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

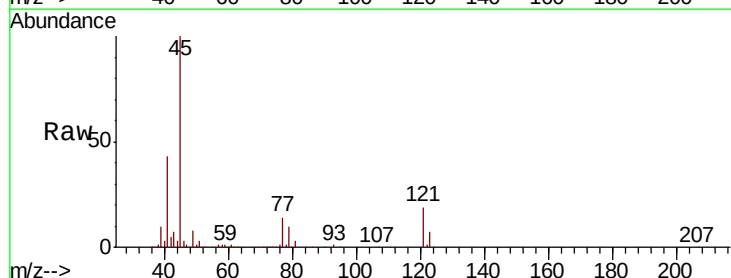
Tgt Ion: 45 Resp: 292144

Ion Ratio Lower Upper

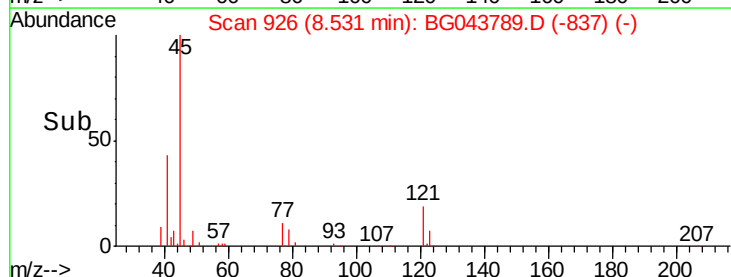
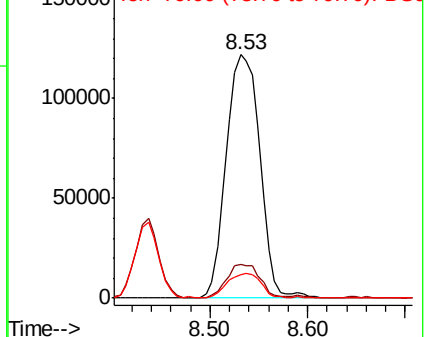
45 100

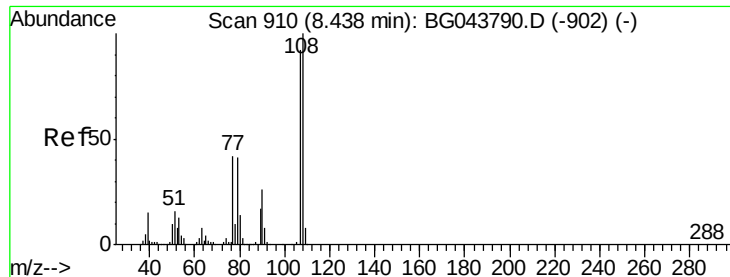
77 13.6 0.0 33.6

79 9.7 0.0 29.9



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





#17

2-Methylphenol

Concen: 19.421 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 151248

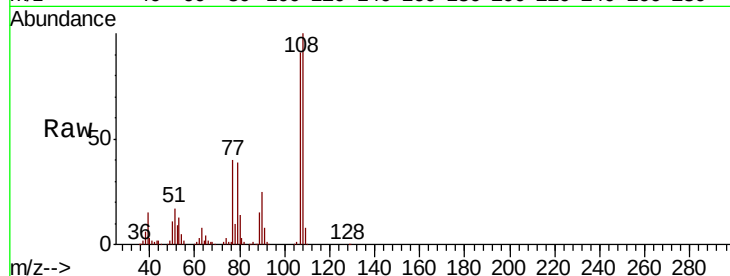
Ion Ratio Lower Upper

107 100

108 110.0 87.2 130.8

77 44.5 36.6 54.8

79 42.8 35.5 53.3

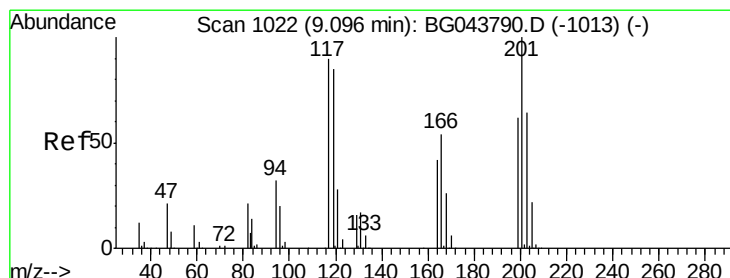
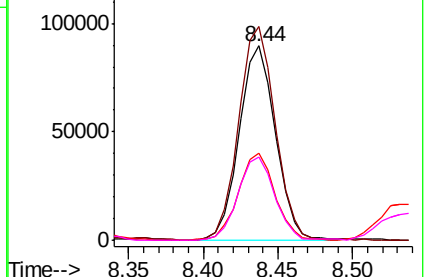
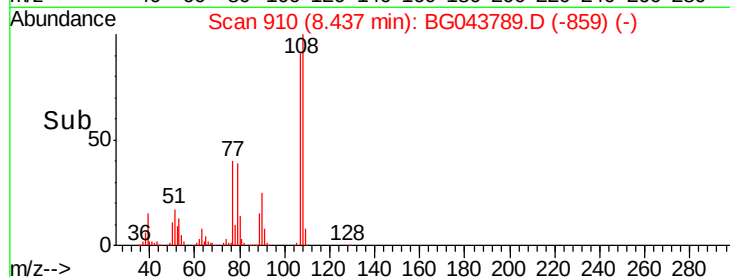


Abundance Ion 107.00 (106.70 to 107.70): E

150000 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: 19.345 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

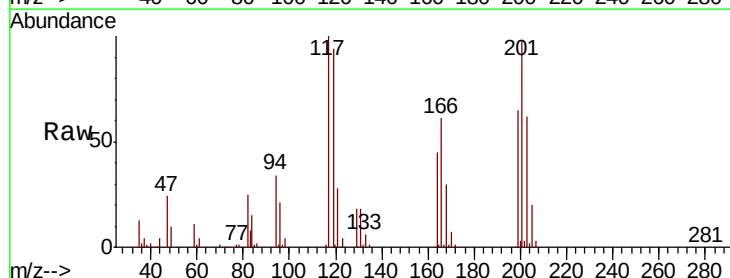
Tgt Ion:117 Resp: 72488

Ion Ratio Lower Upper

117 100

119 93.9 75.6 113.4

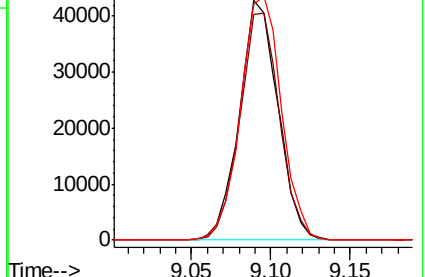
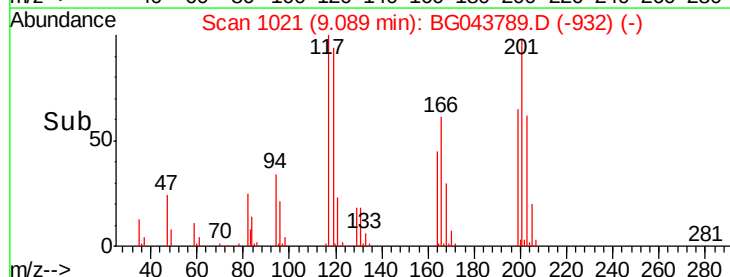
201 98.2 88.6 133.0

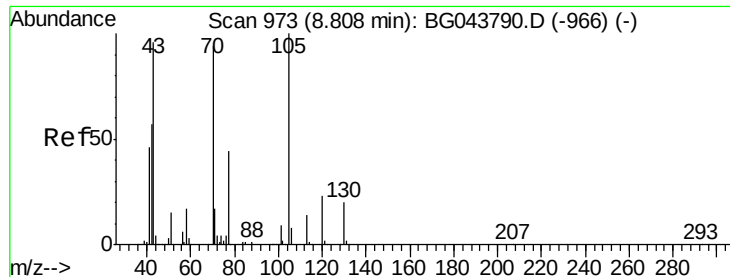


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

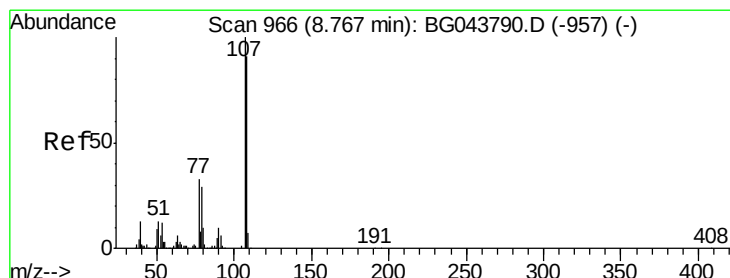
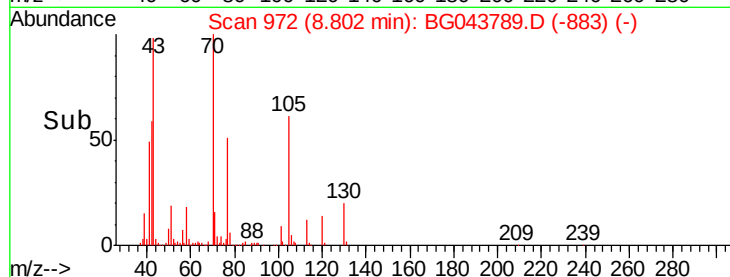
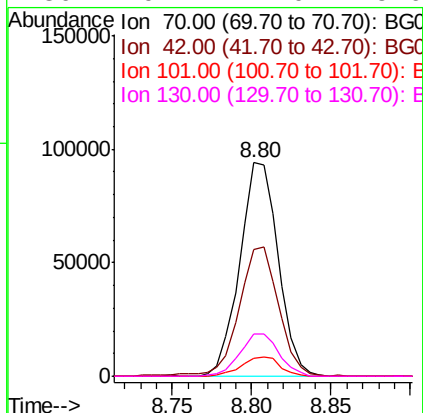
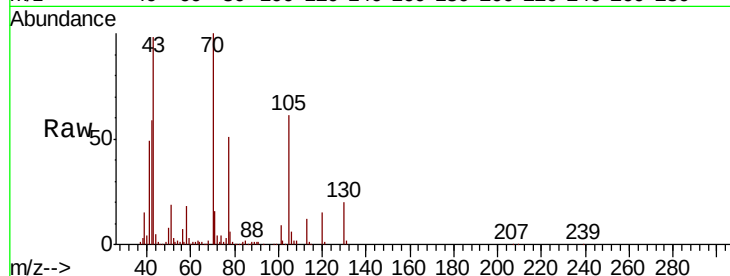




#19
n-Nitroso-di-n-propylamine
Concen: 19.013 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

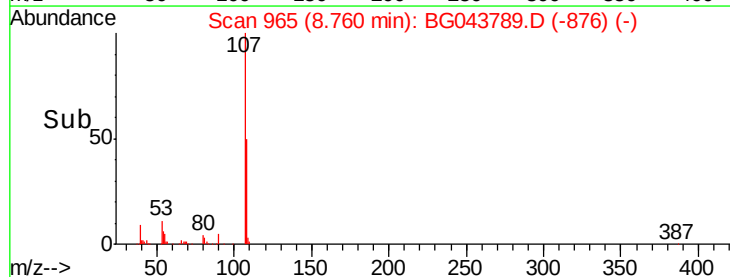
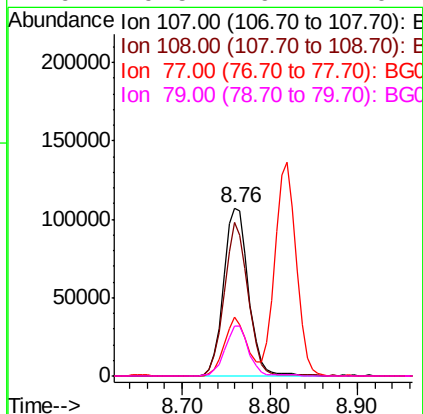
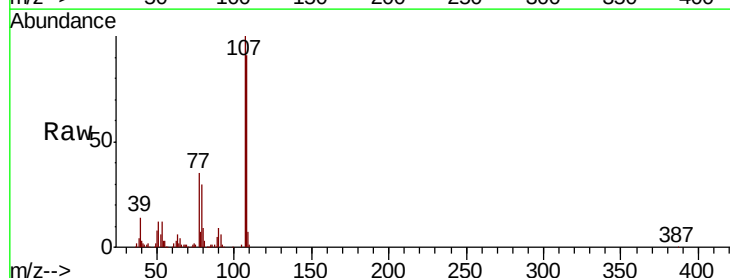
Instrument :
BNA_G
ClientSampled :

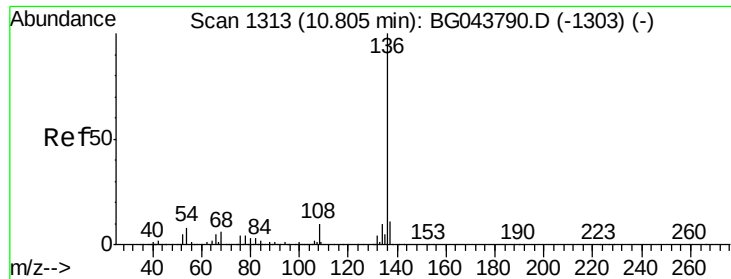
Tot Ion: 70 Resp: 158646
Ion Ratio Lower Upper
70 100
42 59.4 49.2 73.8
101 8.6 7.8 11.6
130 19.7 17.0 25.6



#20
3+4-Methylphenols
Concen: 19.373 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion: 107 Resp: 210484
Ion Ratio Lower Upper
107 100
108 91.1 70.9 110.9
77 35.3 12.7 52.7
79 29.5 9.1 49.1

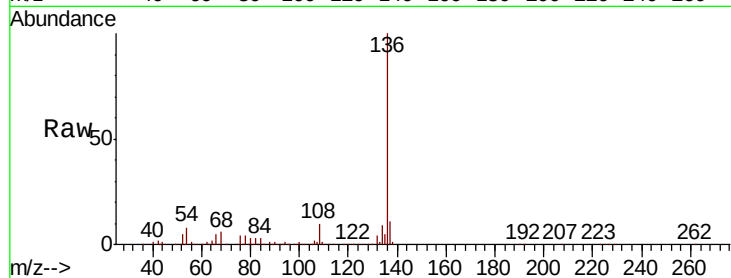




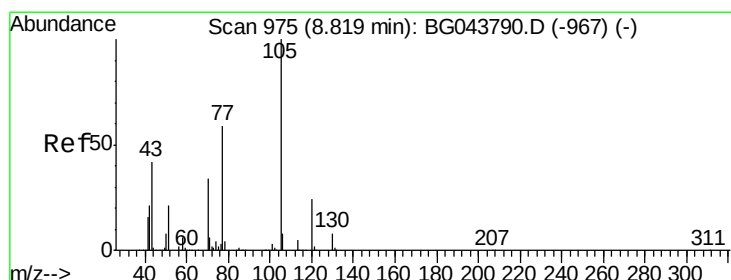
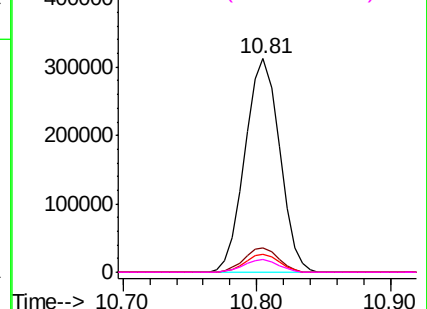
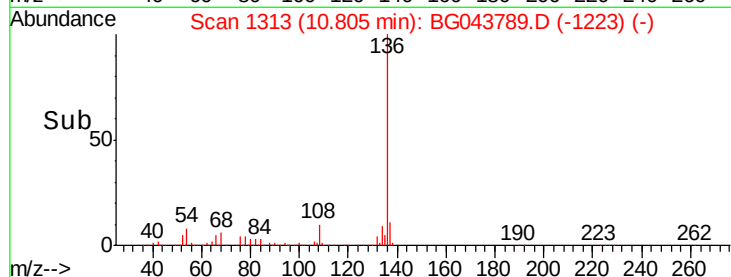
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	562406
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	8.2	6.8 10.2
68	6.2	5.0 7.4

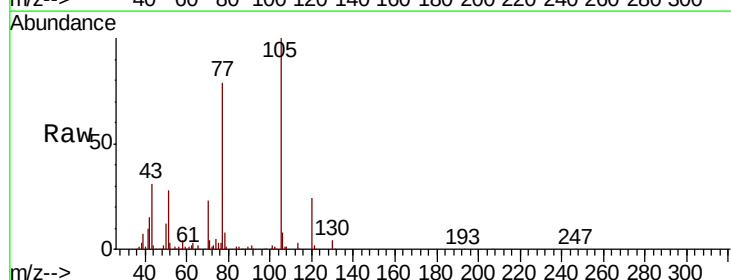


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

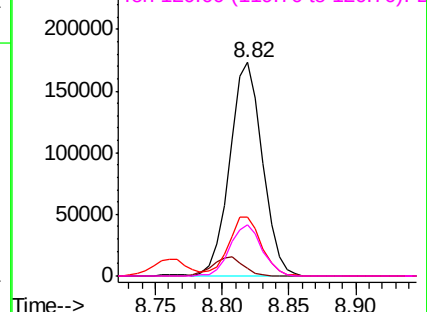
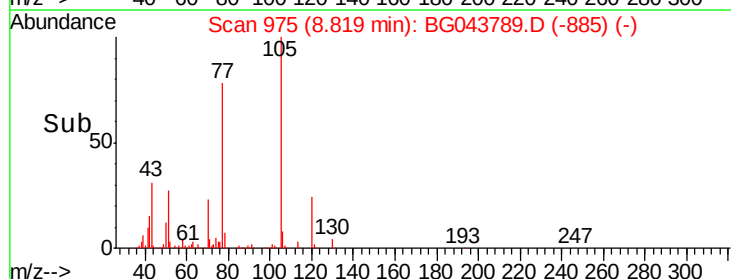


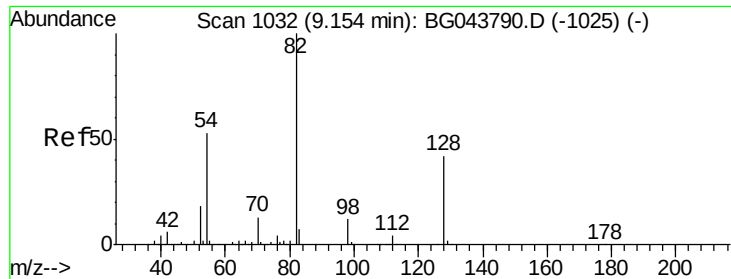
#22
Acetophenone
Concen: 19.891 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion:105	Resp:	296498
Ion Ratio	Lower	Upper
105	100	
71	3.8	4.9 7.3#
51	27.6	22.2 33.4
120	24.1	19.0 28.6



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

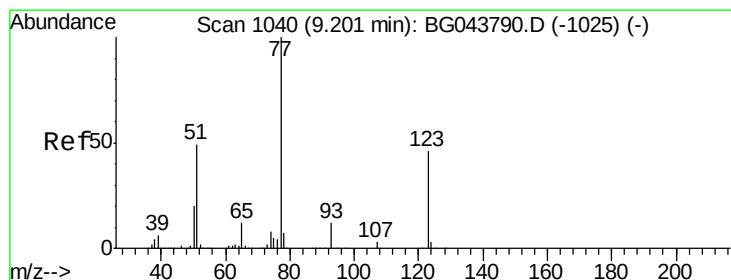
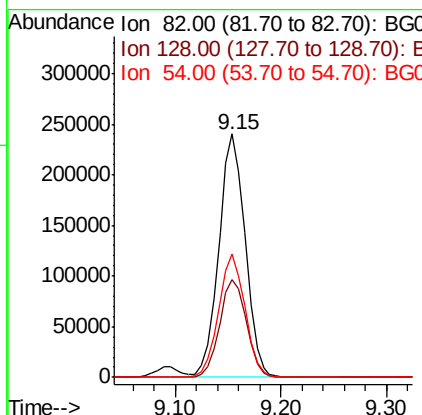
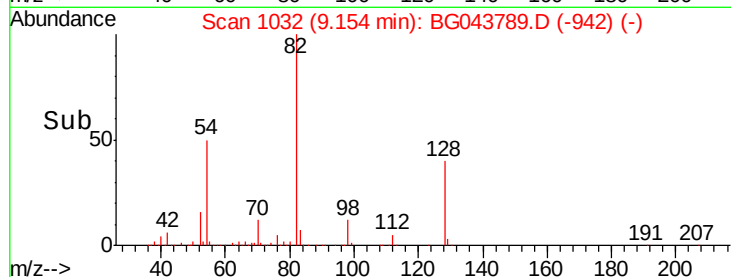
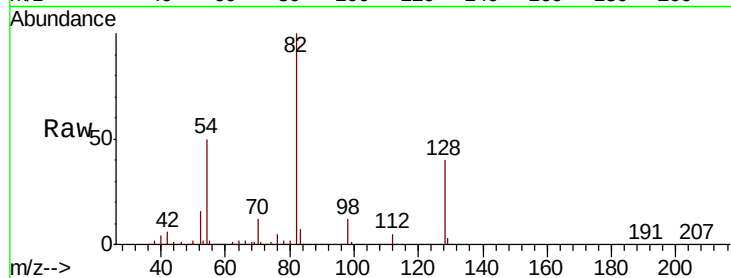




#23
 Nitrobenzene-d5
 Concen: 40.667 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

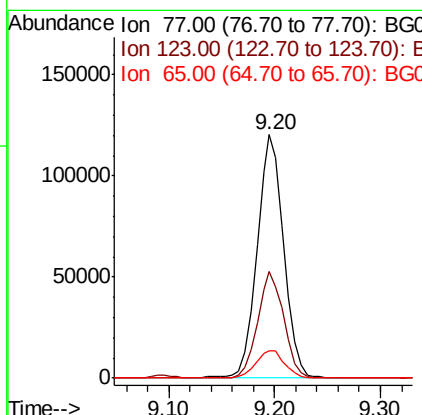
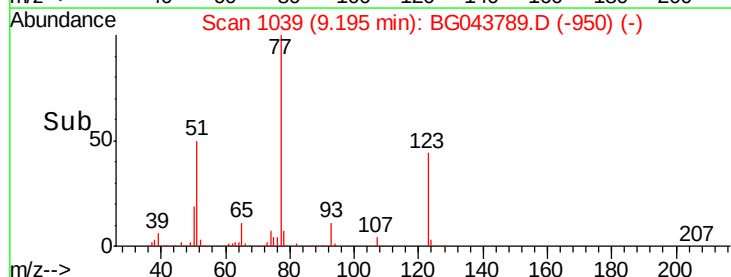
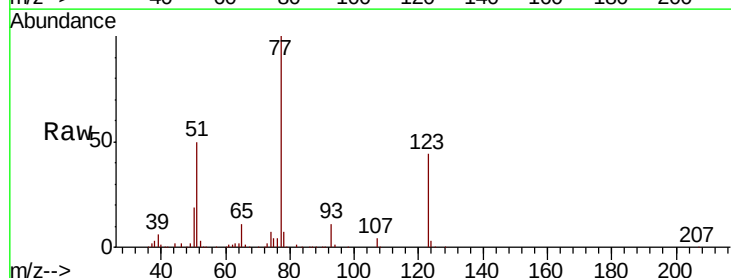
Instrument :
 BNA_G
 ClientSampleId :

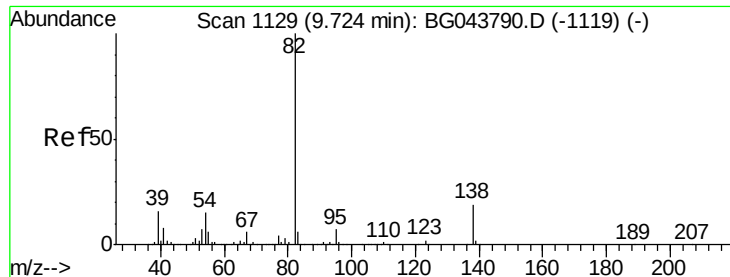
Tot Ion	82	Resp	415978
Ion Ratio	Lower	Upper	
82	100		
128	39.9	33.6	50.4
54	50.4	42.1	63.1



#24
 Nitrobenzene
 Concen: 19.983 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

Tgt Ion	77	Resp	210101
Ion Ratio	Lower	Upper	
77	100		
123	43.9	36.6	55.0
65	11.4	9.8	14.6





#25

Isophorone

Concen: 18.966 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

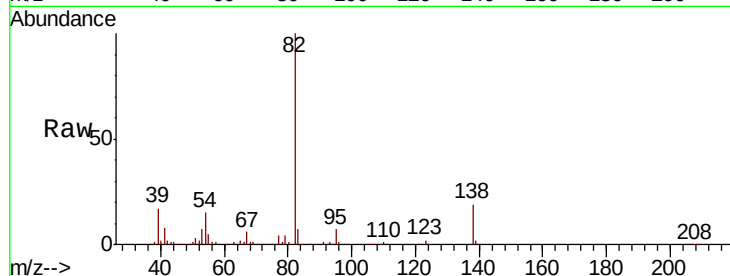
Tot Ion: 82 Resp: 415974

Ion Ratio Lower Upper

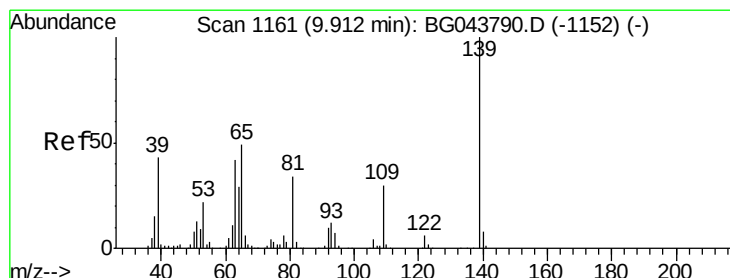
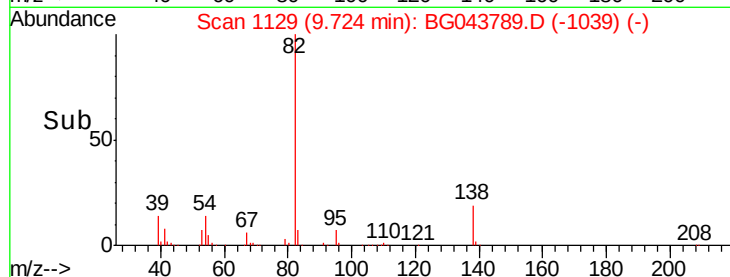
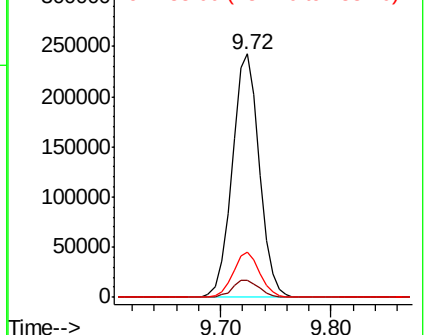
82 100

95 7.0 5.6 8.4

138 18.7 14.8 22.2



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: 15.475 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

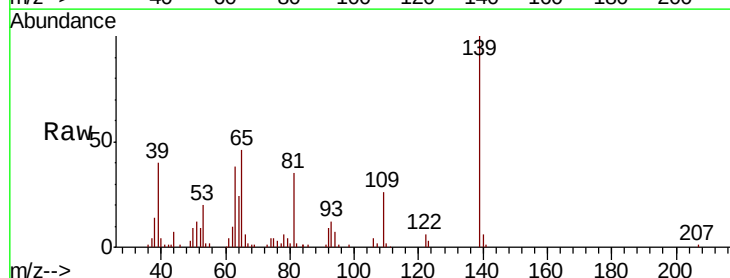
Tgt Ion: 139 Resp: 58704

Ion Ratio Lower Upper

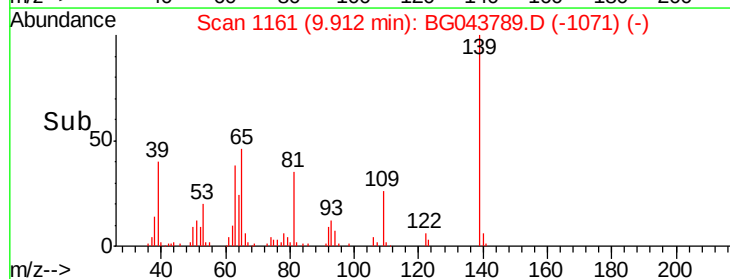
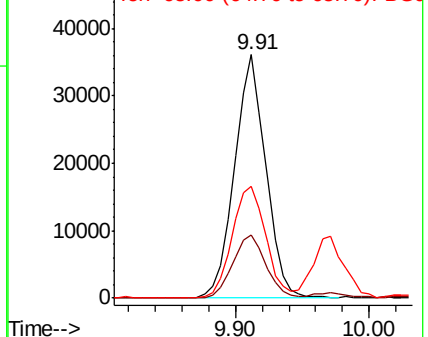
139 100

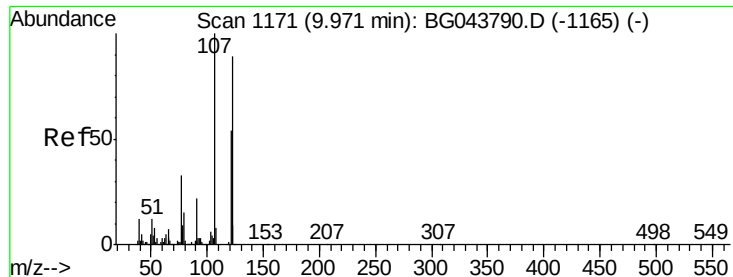
109 25.7 23.9 35.9

65 45.9 39.3 58.9



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: 19.159 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

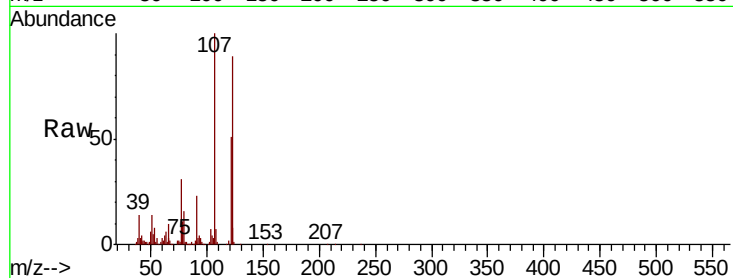
Tot Ion:122 Resp: 142704

Ion Ratio Lower Upper

122 100

107 112.4 90.0 135.0

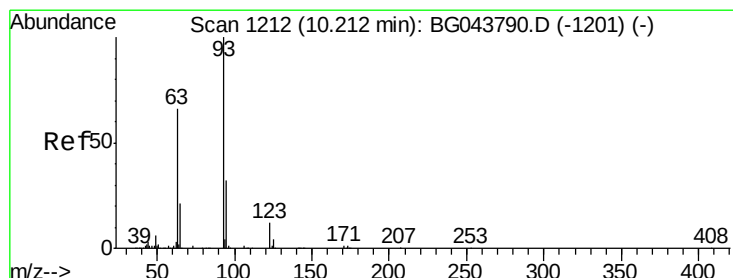
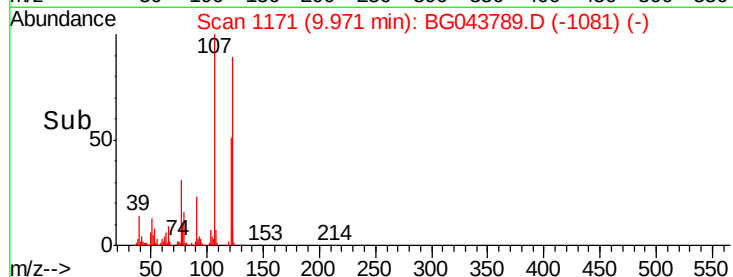
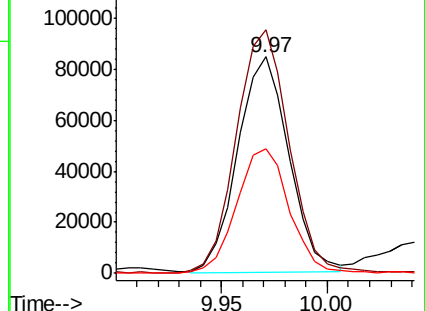
121 57.5 48.6 73.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 19.981 ng

RT: 10.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

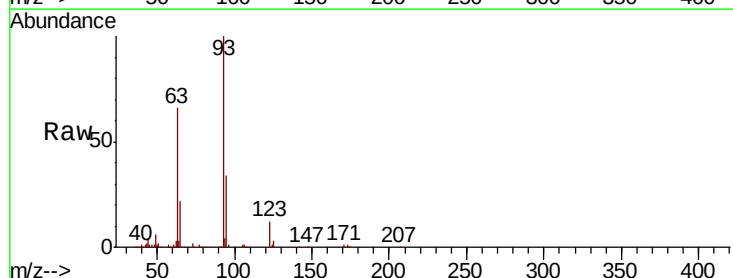
Tgt Ion: 93 Resp: 270110

Ion Ratio Lower Upper

93 100

95 34.5 25.7 38.5

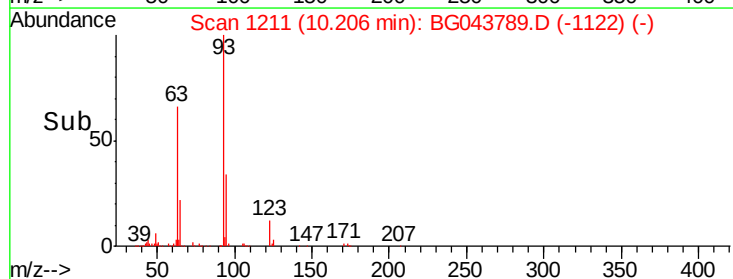
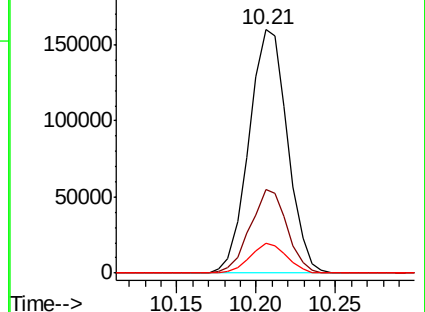
123 12.3 9.5 14.3

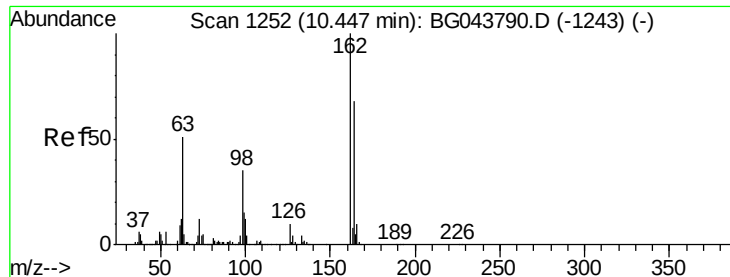


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 18.837 ng

RT: 10.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

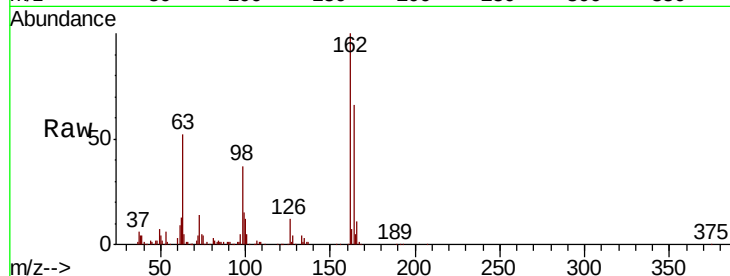
Tot Ion:162 Resp: 170573

Ion Ratio Lower Upper

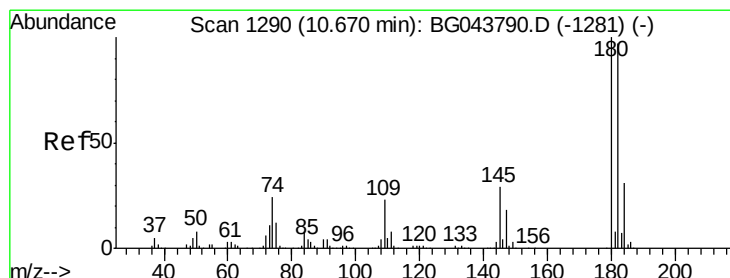
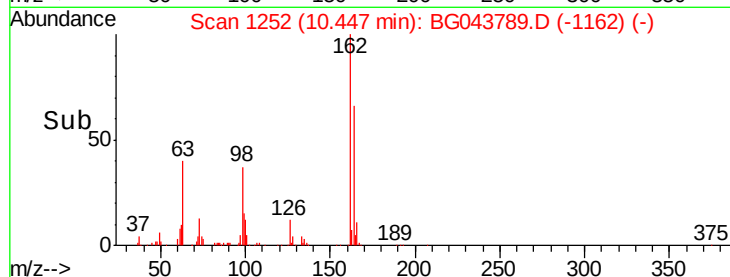
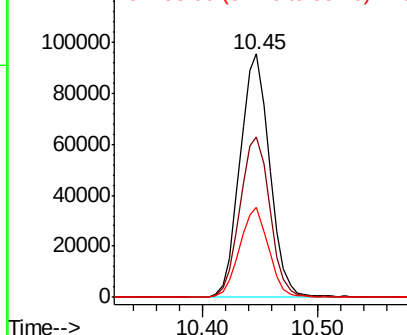
162 100

164 66.1 48.0 88.0

98 37.2 14.9 54.9



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): B



#30

1,2,4-Trichlorobenzene

Concen: 19.969 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

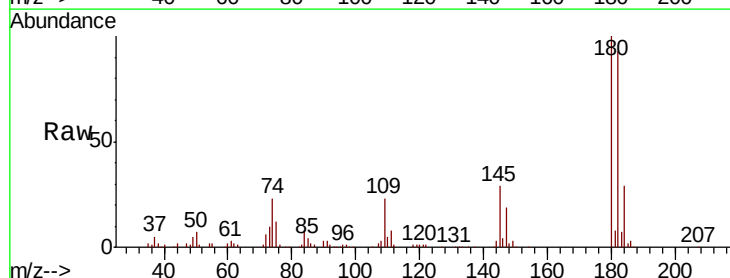
Tgt Ion:180 Resp: 211894

Ion Ratio Lower Upper

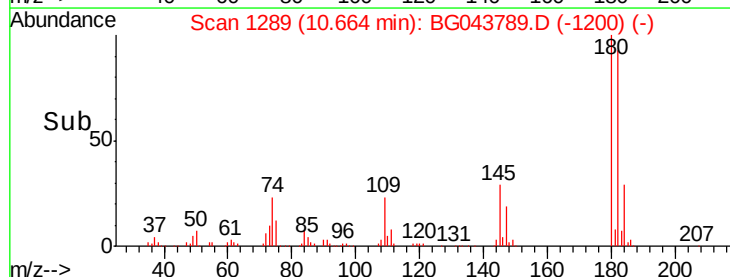
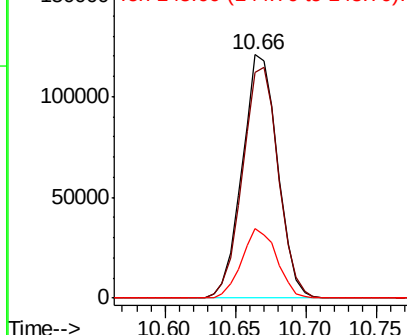
180 100

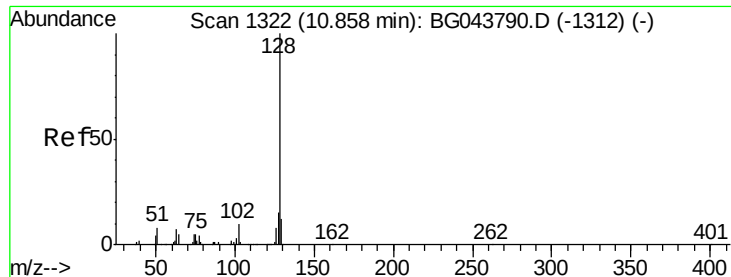
182 92.8 77.8 116.8

145 28.6 23.0 34.6



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

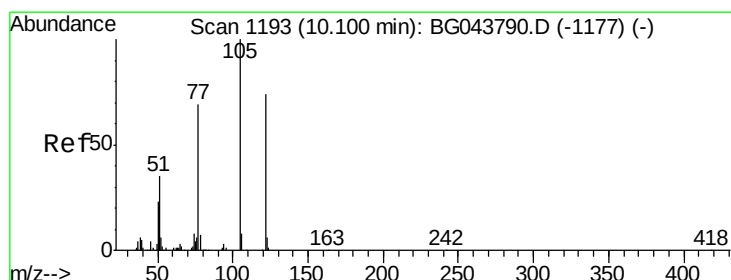
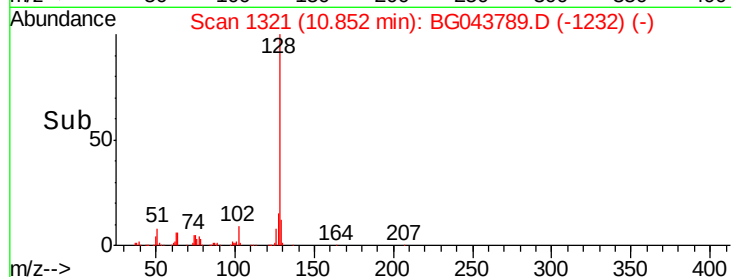
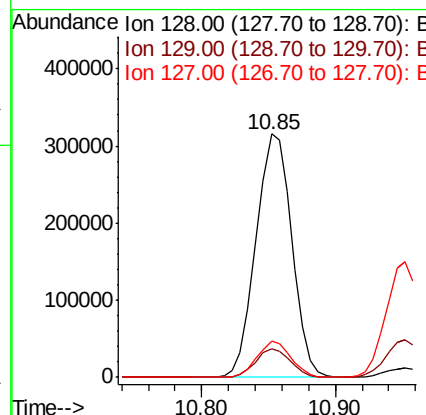
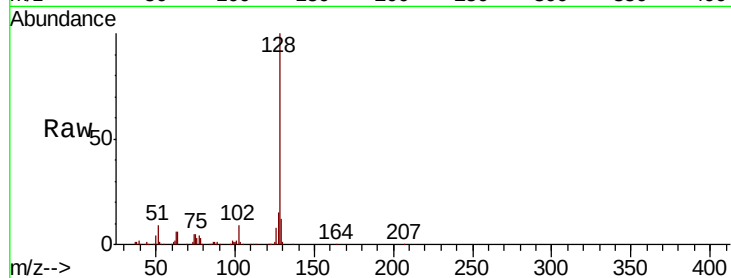




#31
Naphthalene
Concen: 20.949 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

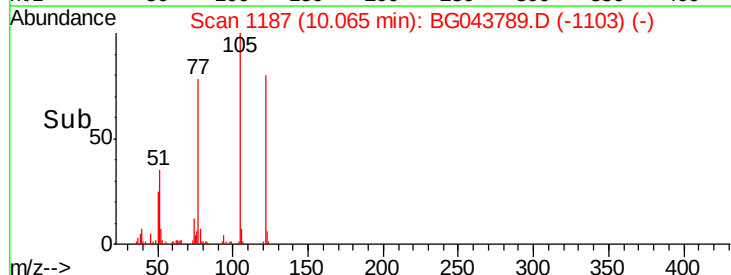
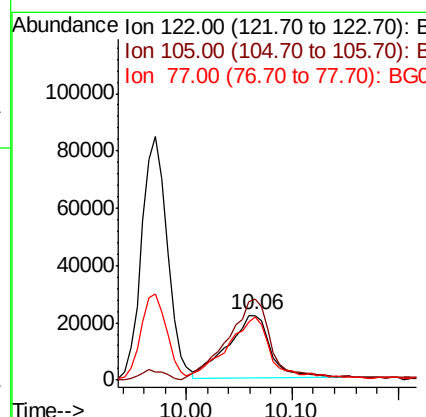
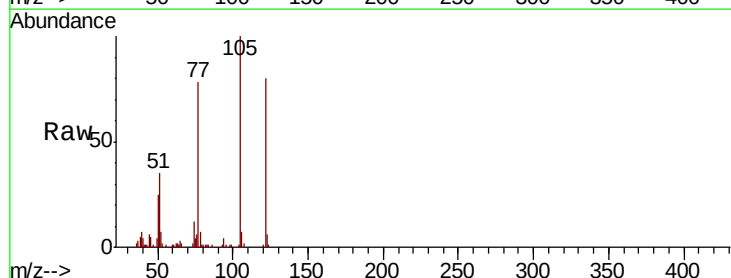
Instrument :
BNA_G
ClientSampleId :

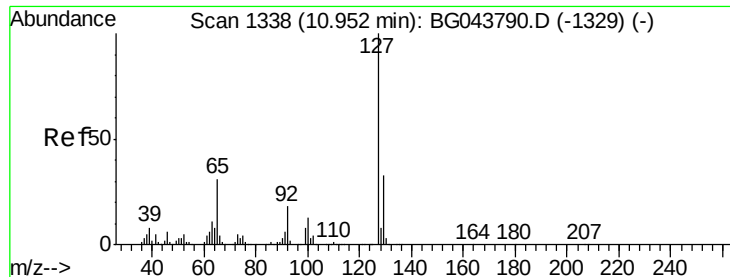
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	15.0	11.9	17.9



#32
Benzoic acid
Concen: 11.475 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	107.5	147.5
77	97.7	71.7	111.7

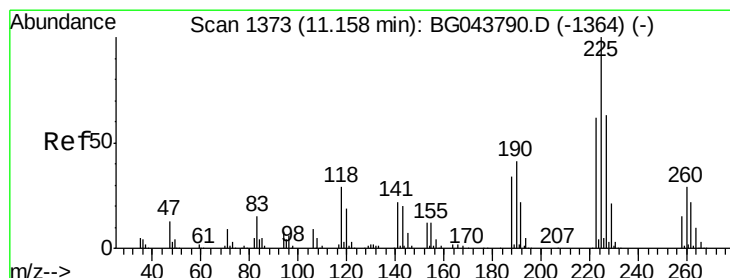
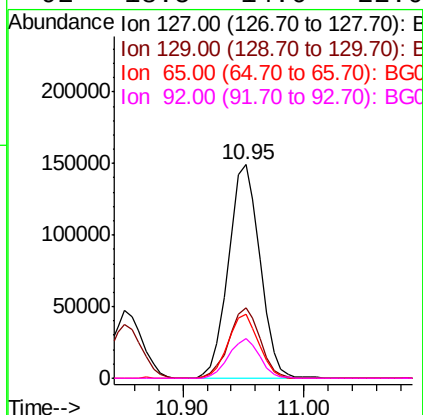
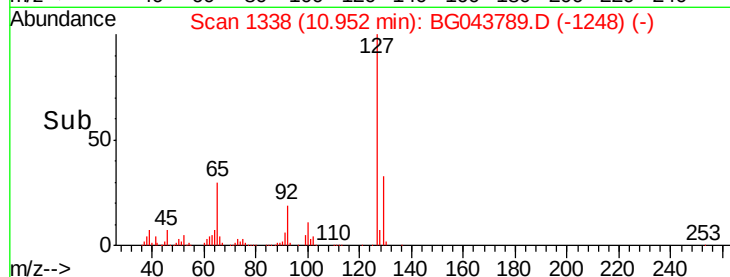
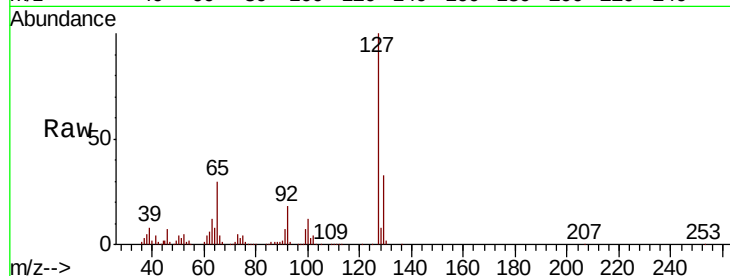




#33
4-Chloroaniline
Concen: 20.213 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

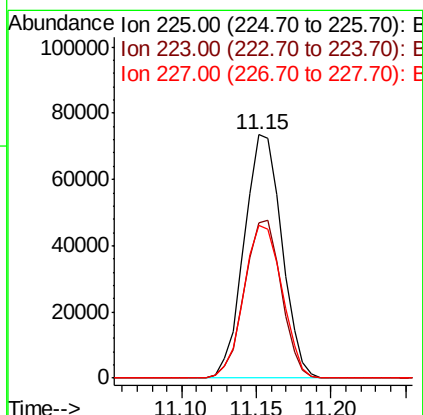
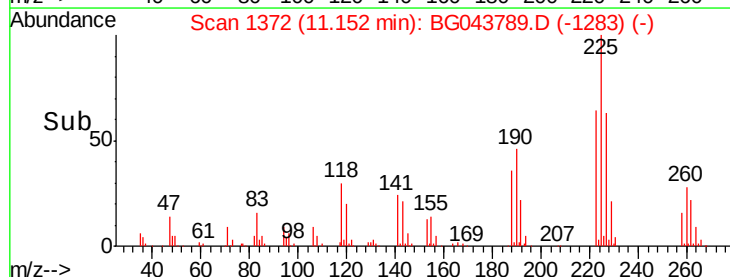
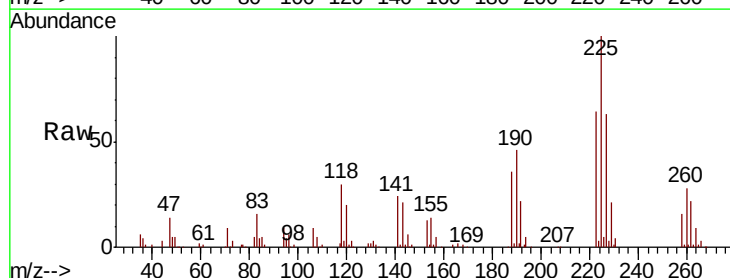
Instrument :
BNA_G
ClientSampleId :

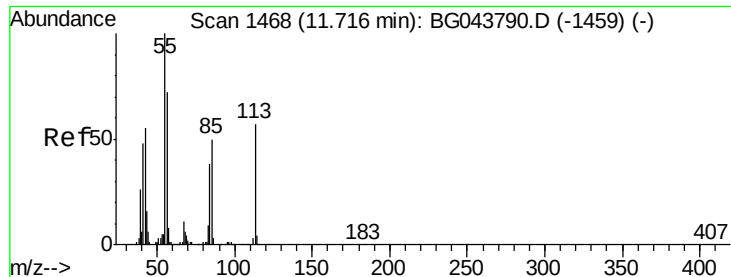
Tot Ion:	127	Resp:	271688
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	29.9	24.4	36.6
92	18.5	14.6	22.0



#34
Hexachlorobutadiene
Concen: 18.375 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion:	225	Resp:	128211
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.3	73.9
227	62.8	50.2	75.2





#35

Caprolactam

Concen: 18.145 ng

RT: 11.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampled :

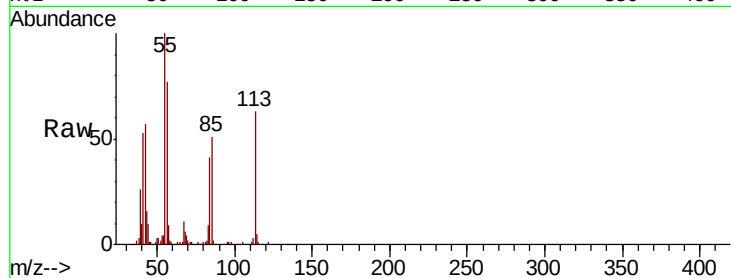
Tot Ion:113 Resp: 66809

Ion Ratio Lower Upper

113 100

55 158.9 154.2 194.2

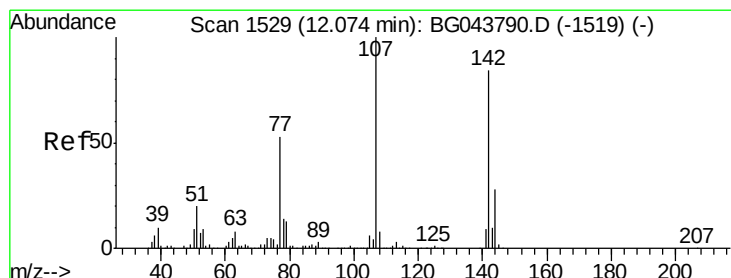
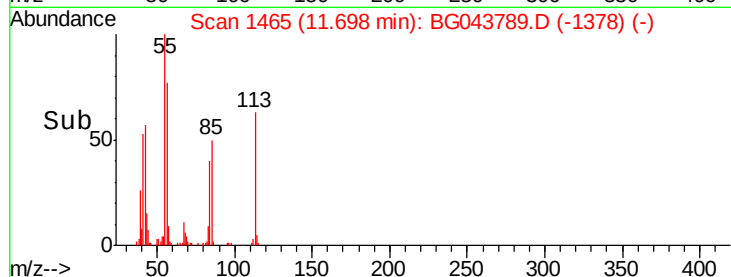
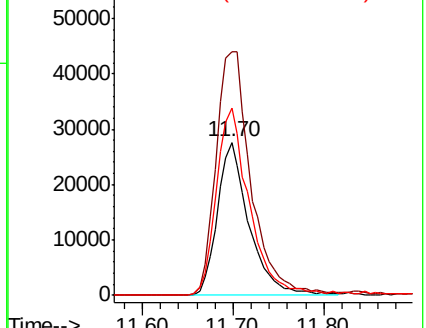
56 122.2 105.6 145.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 18.439 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

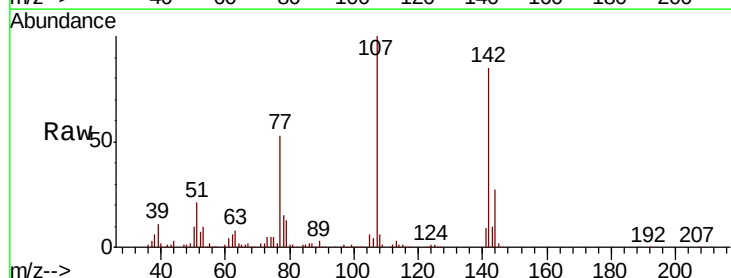
Tgt Ion:107 Resp: 187636

Ion Ratio Lower Upper

107 100

144 26.9 22.2 33.4

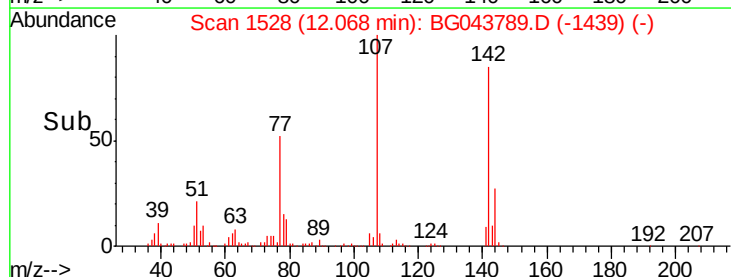
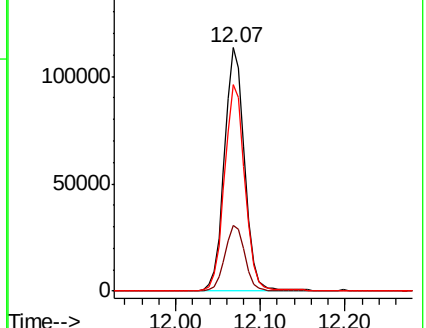
142 84.8 67.0 100.6

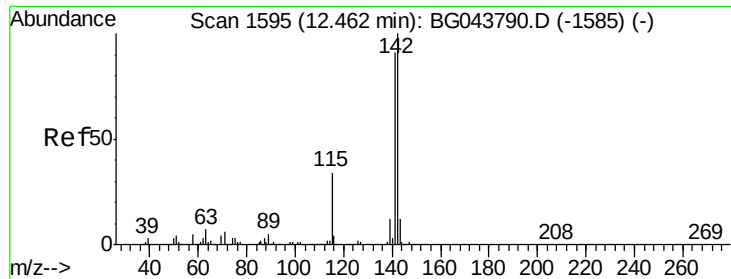


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

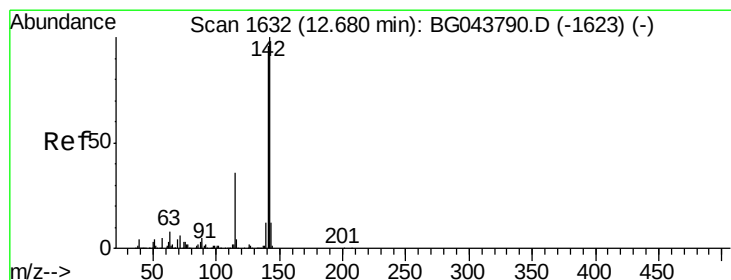
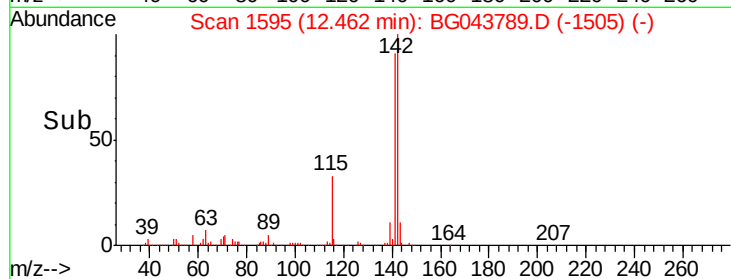
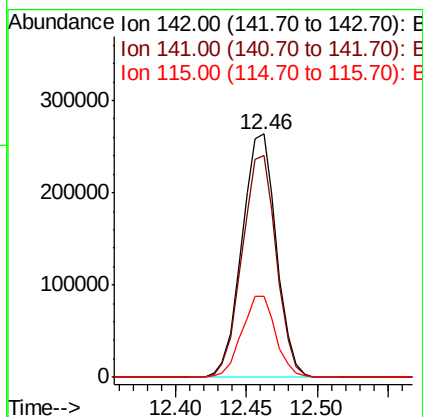
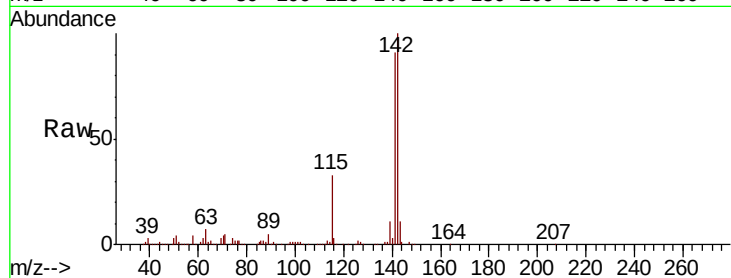




#37
 2-Methylnaphthalene
 Concen: 21.376 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

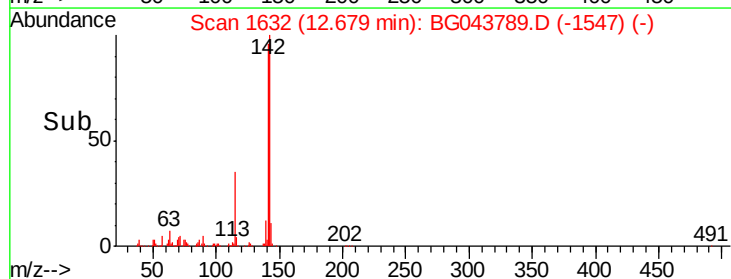
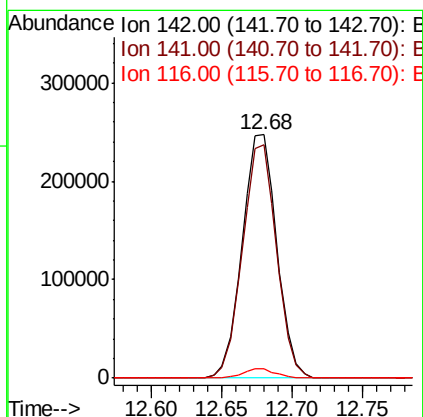
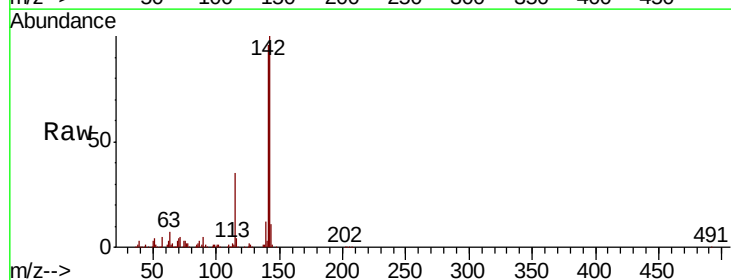
Instrument :
 BNA_G
 ClientSampleId :

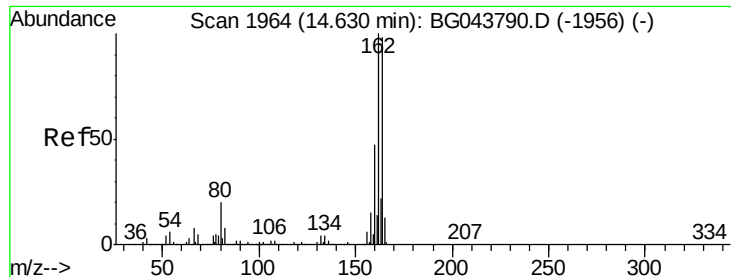
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.2	109.8
115	33.3	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 21.278 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.0	76.9	115.3
116	3.8	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

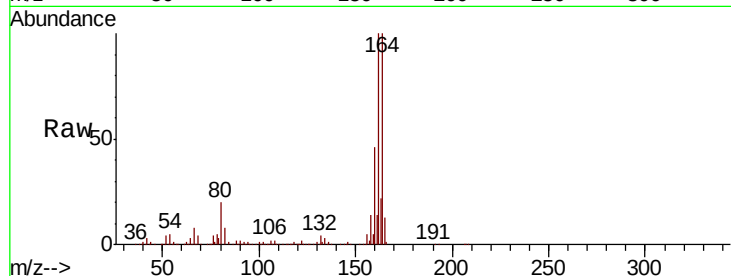
Tot Ion:164 Resp: 386279

Ion Ratio Lower Upper

164 100

162 100.2 81.9 122.9

160 45.9 38.3 57.5

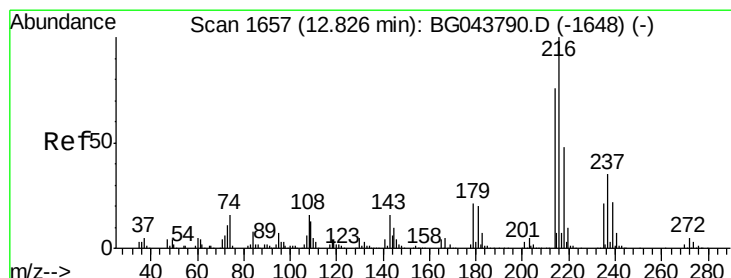
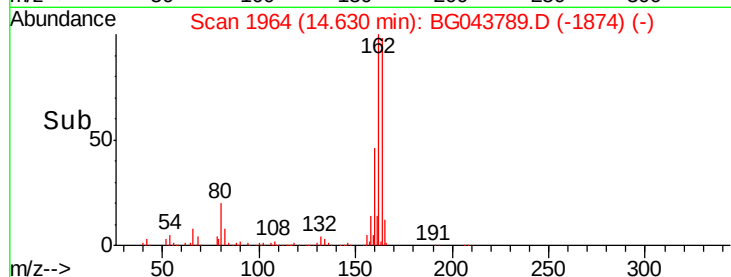
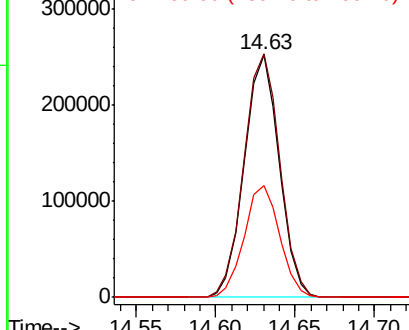


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.699 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Tgt Ion:216 Resp: 242125

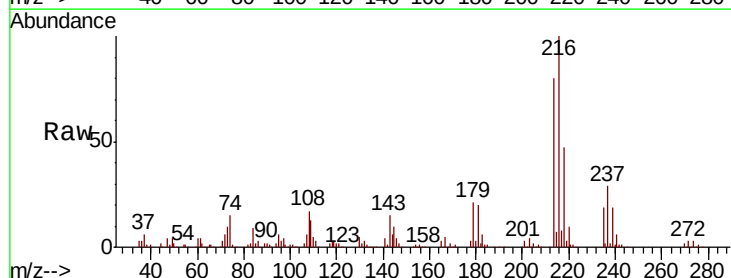
Ion Ratio Lower Upper

216 100

214 78.4 62.2 93.4

179 21.1 16.6 25.0

108 17.2 13.7 20.5



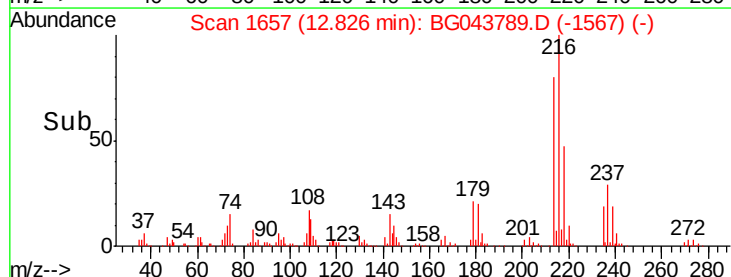
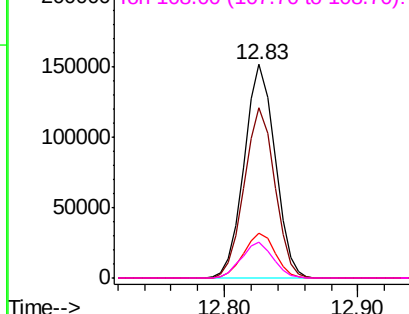
Abundance

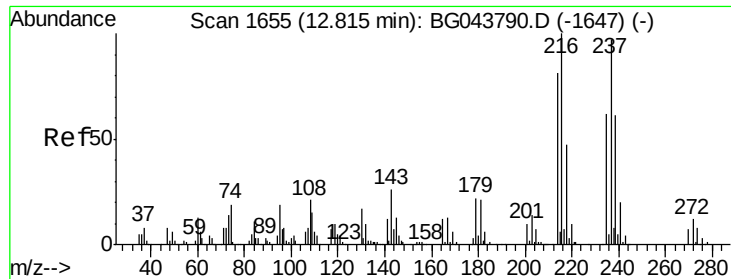
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

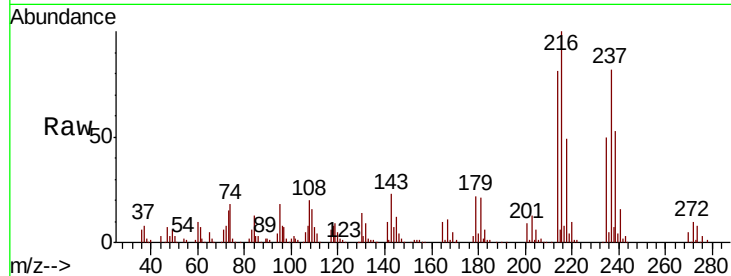




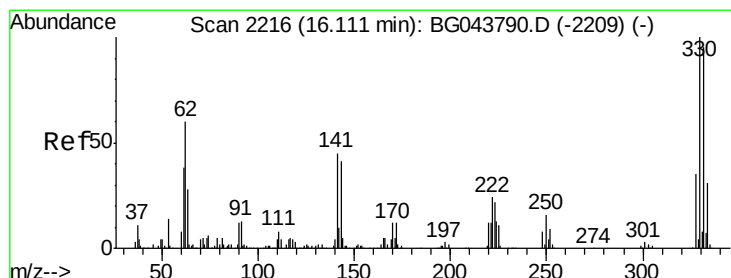
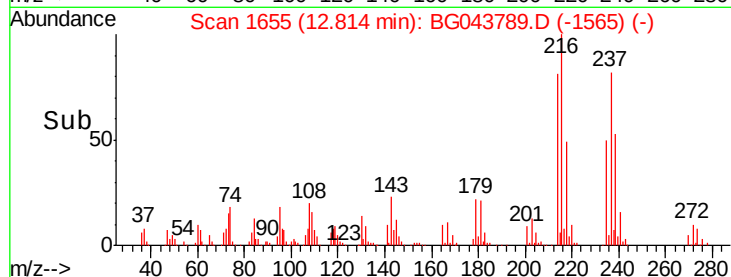
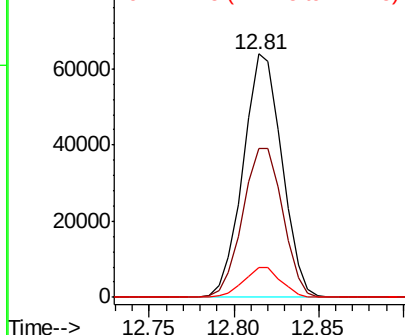
#41
Hexachlorocyclopentadiene
Concen: 15.412 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 102344
Ion Ratio Lower Upper
237 100
235 61.3 43.9 83.9
272 12.1 0.0 32.0

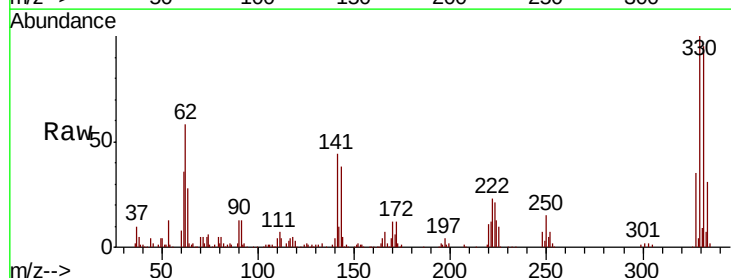


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

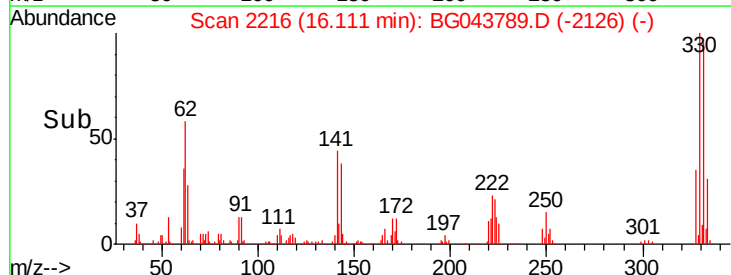
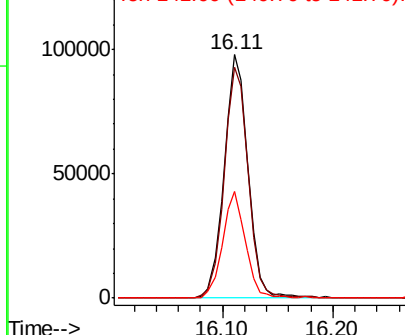


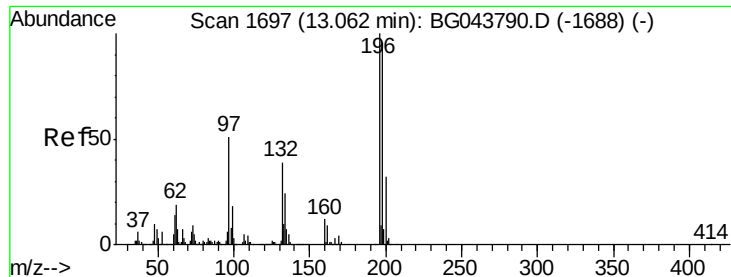
#42
2,4,6-Tribromophenol
Concen: 31.725 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion:330 Resp: 147809
Ion Ratio Lower Upper
330 100
332 95.3 76.9 115.3
141 42.1 33.8 50.8



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





#43

2,4,6-Trichlorophenol

Concen: 18.590 ng

RT: 13.06 min Scan# 1697

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

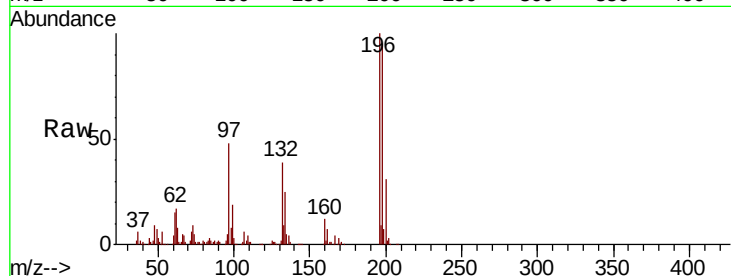
Tot Ion:196 Resp: 146958

Ion Ratio Lower Upper

196 100

198 94.8 77.0 115.6

200 31.4 25.7 38.5

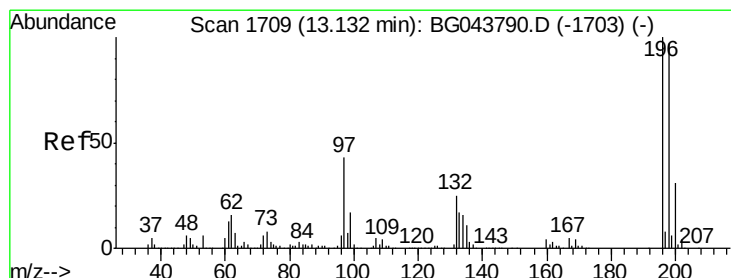
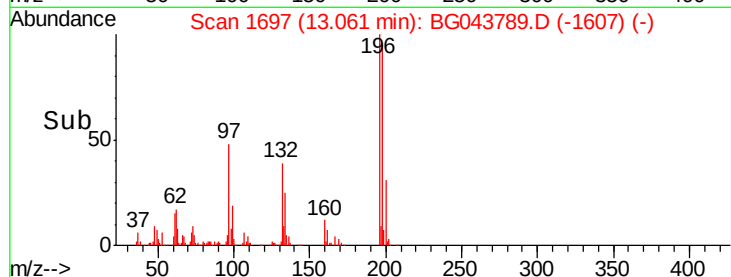
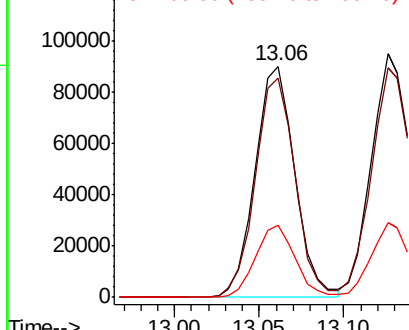


Abundance

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: 18.863 ng

RT: 13.13 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Tgt Ion:196 Resp: 155125

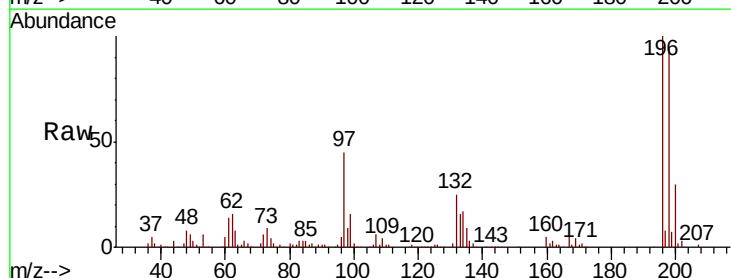
Ion Ratio Lower Upper

196 100

198 94.3 77.4 116.0

97 45.0 34.7 52.1

132 24.7 20.0 30.0



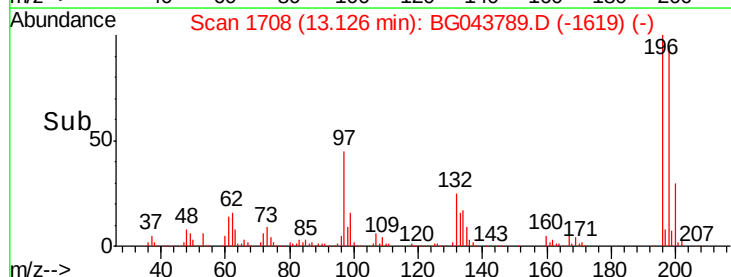
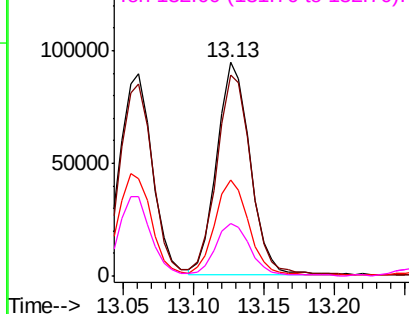
Abundance

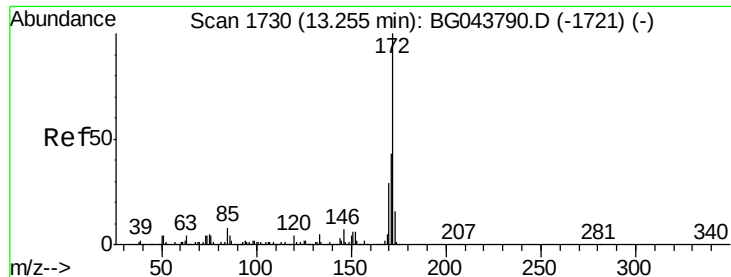
Ion 196.00 (195.70 to 196.70): E

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

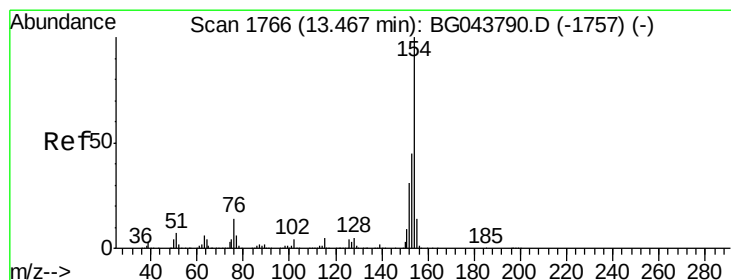
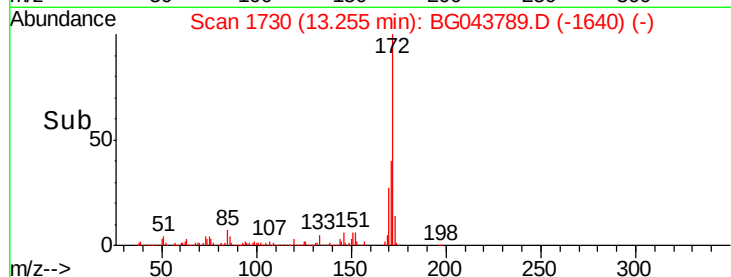
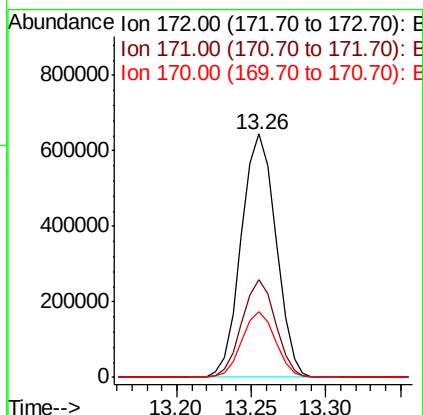
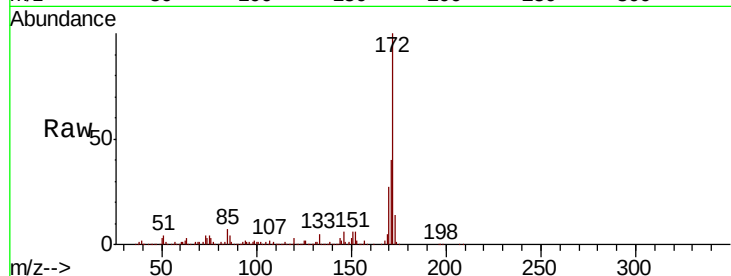




#45
2-Fluorobiphenyl
Concen: 44.325 ng
RT: 13.26 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

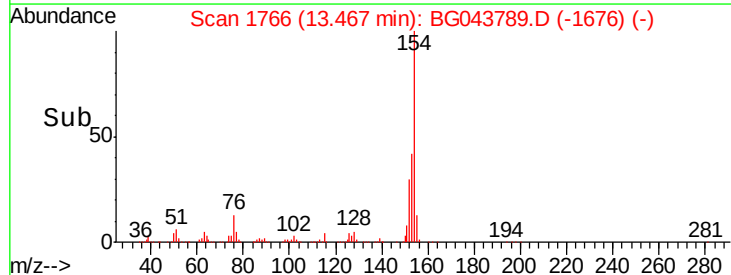
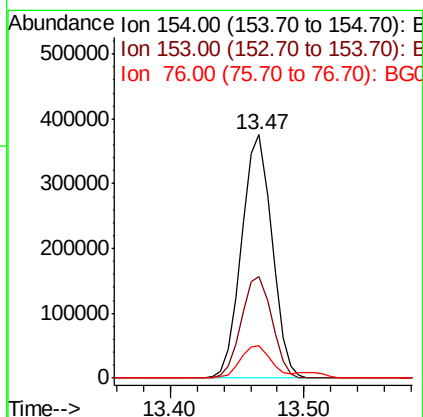
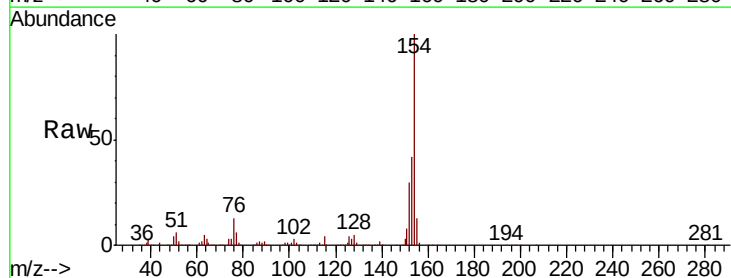
Instrument :
BNA_G
ClientSampleId :

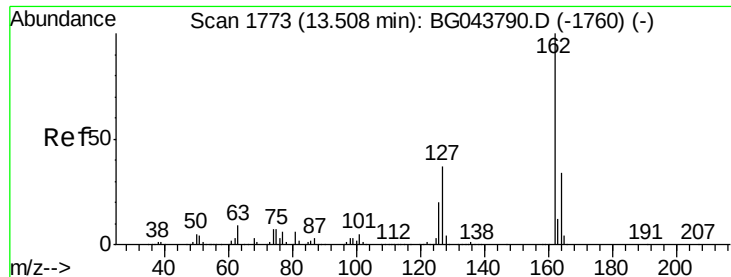
Tot Ion:172 Resp: 1041606
Ion Ratio Lower Upper
172 100
171 40.0 34.6 51.8
170 26.8 23.3 34.9



#46
1,1'-Biphenyl
Concen: 21.993 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion:154 Resp: 588869
Ion Ratio Lower Upper
154 100
153 41.6 24.5 64.5
76 13.4 0.0 33.9

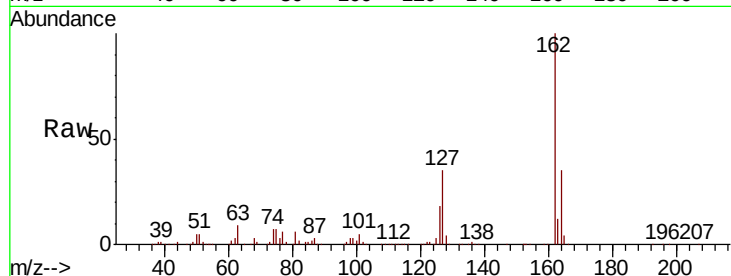




#47
 2-Chloronaphthalene
 Concen: 21.814 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.0	45.0
164	35.2	27.6	41.4

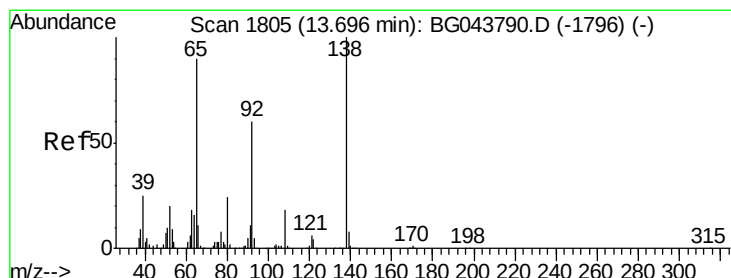
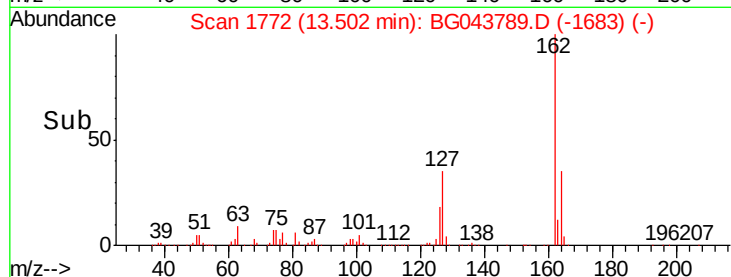
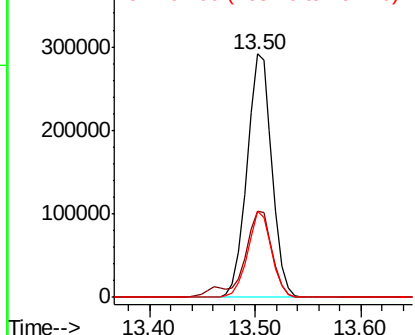


Abundance

Ion 162.00 (161.70 to 162.70): E

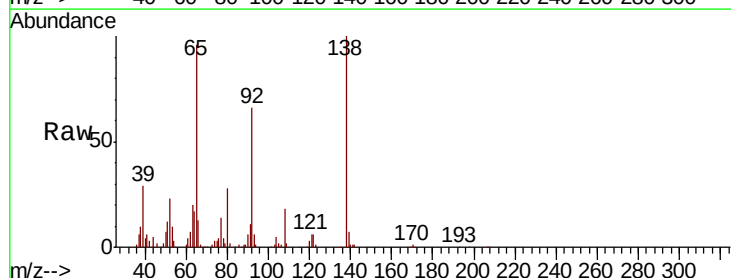
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 19.045 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.7	80.5
138	104.5	88.8	133.2

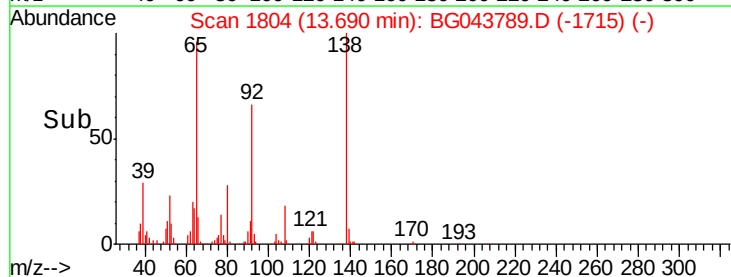
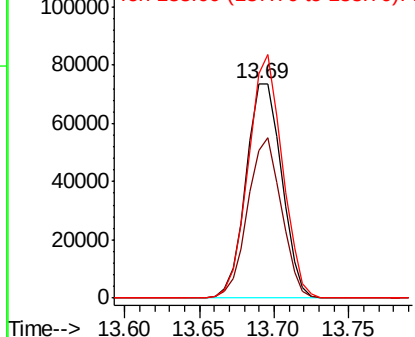


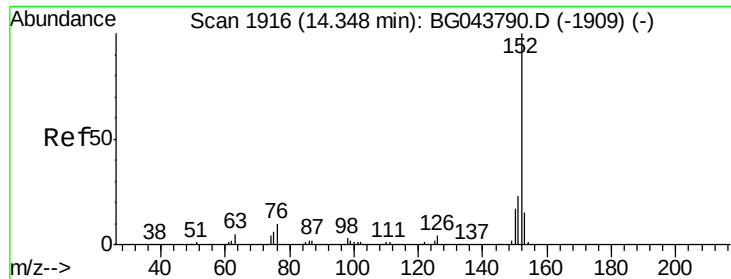
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 21.154 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

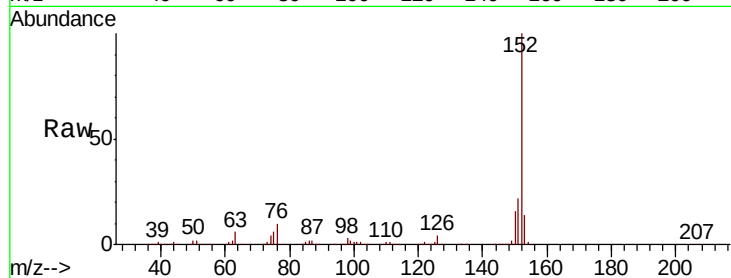
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 726729

Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.5	27.7
153	13.5	11.8	17.8

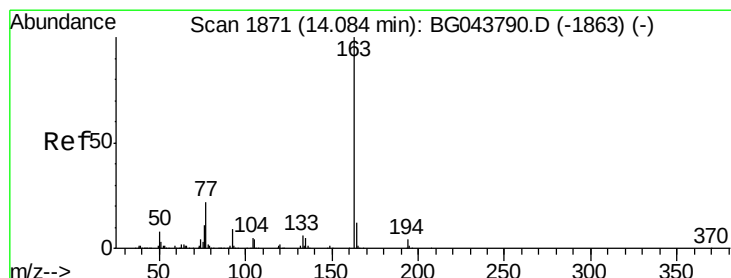
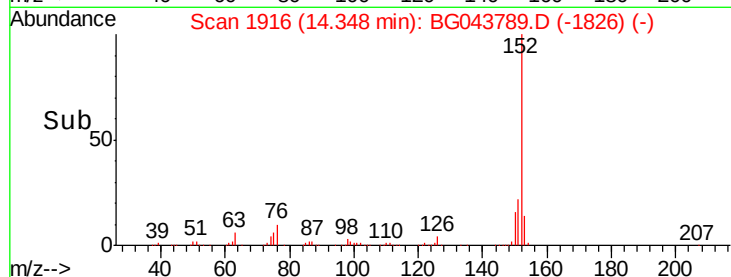
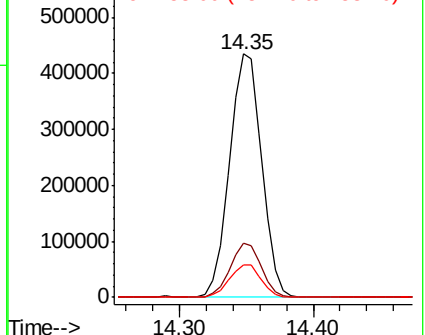


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 20.082 ng

RT: 14.08 min Scan# 1871

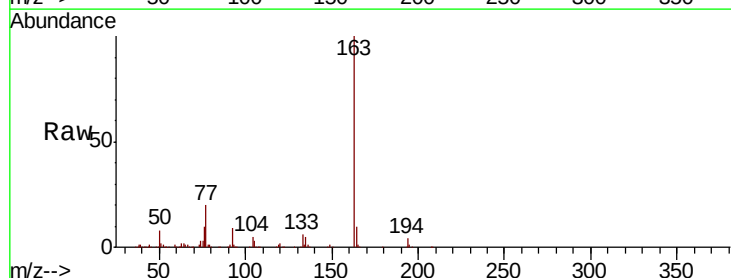
Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Tgt Ion:163 Resp: 614511

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.0	9.4	14.0

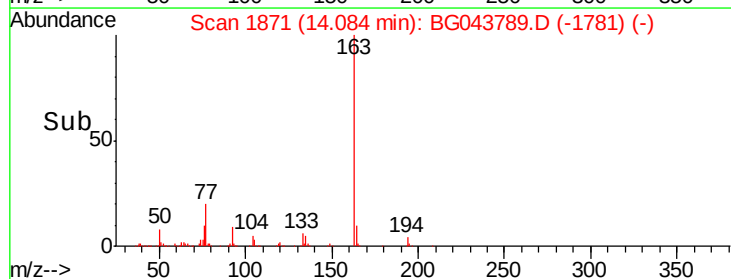
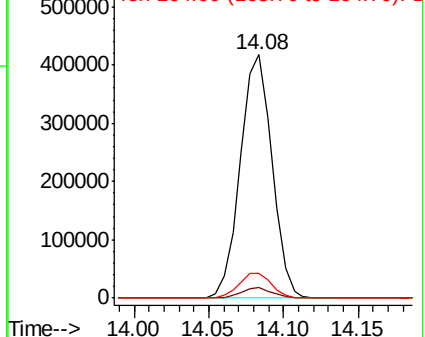


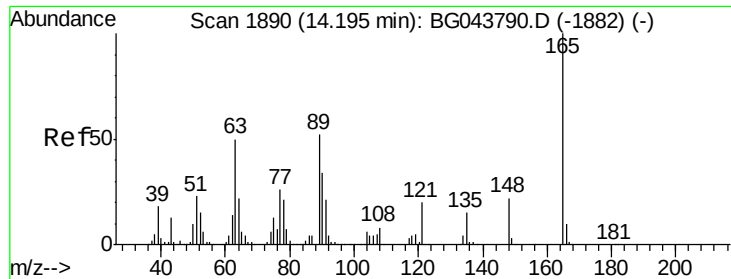
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

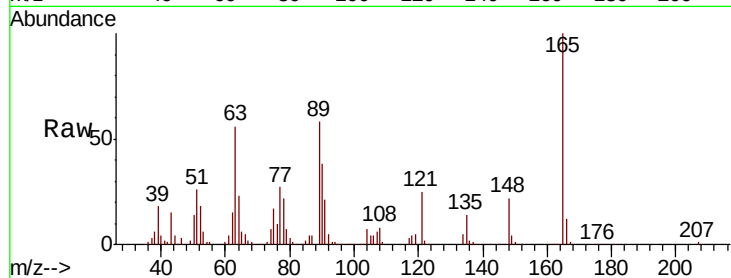




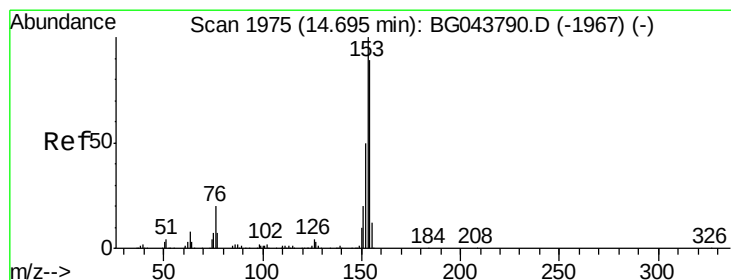
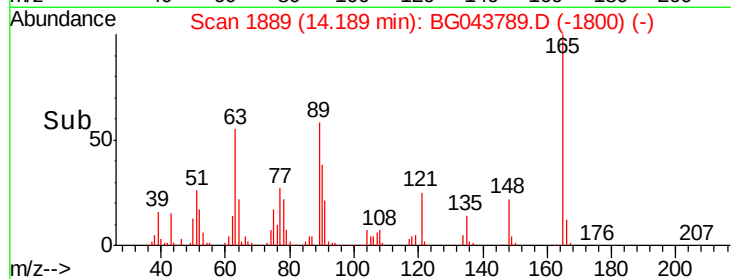
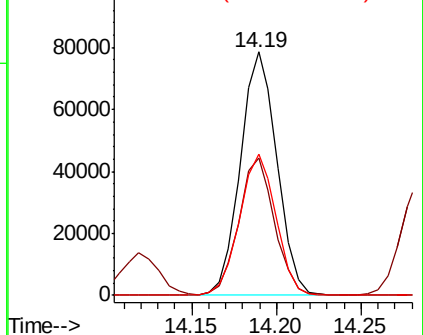
#51
 2,6-Dinitrotoluene
 Concen: 20.791 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 118144
 Ion Ratio Lower Upper
 165 100
 63 56.4 40.3 60.5
 89 58.2 41.8 62.8

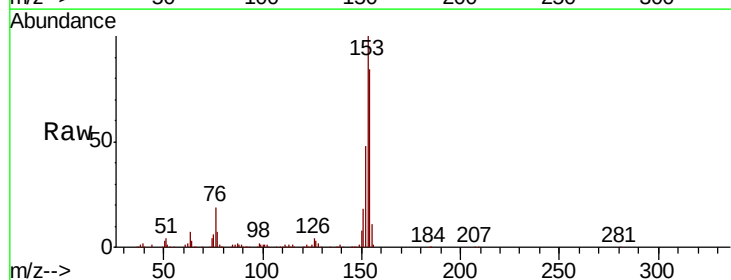


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

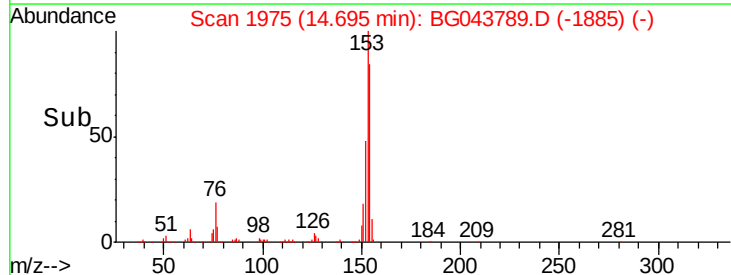
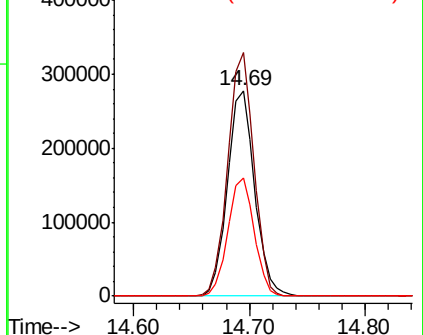


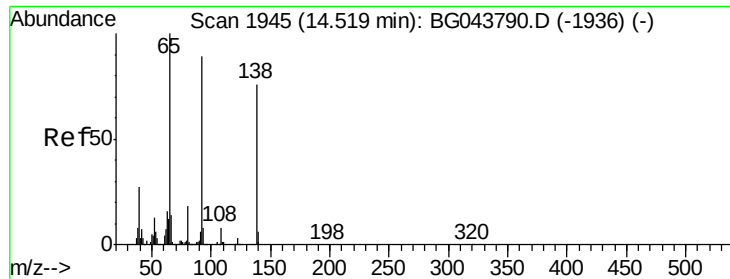
#52
 Acenaphthene
 Concen: 20.662 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

Tgt Ion:154 Resp: 453943
 Ion Ratio Lower Upper
 154 100
 153 118.4 89.5 134.3
 152 57.4 45.0 67.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

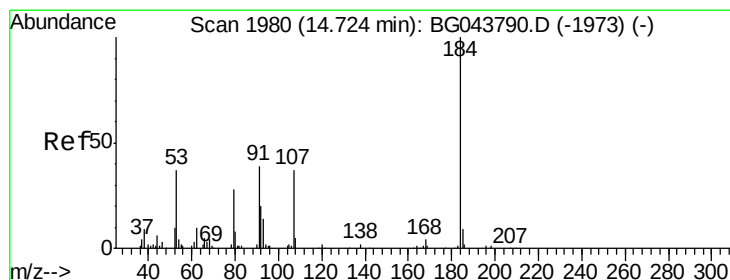
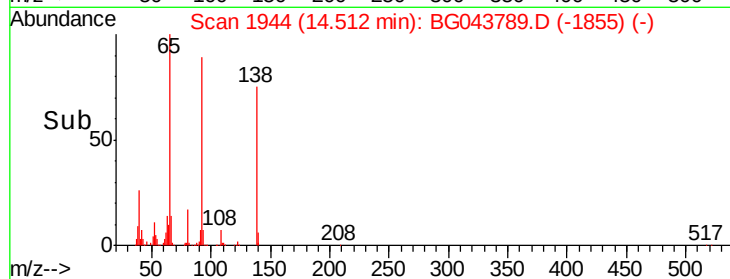
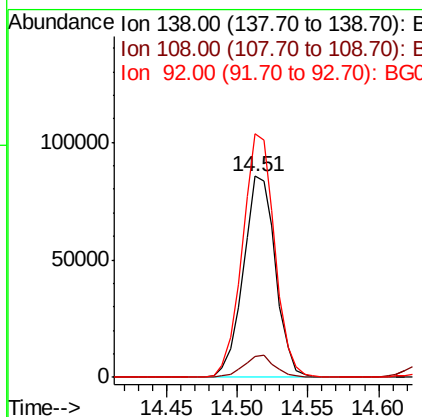
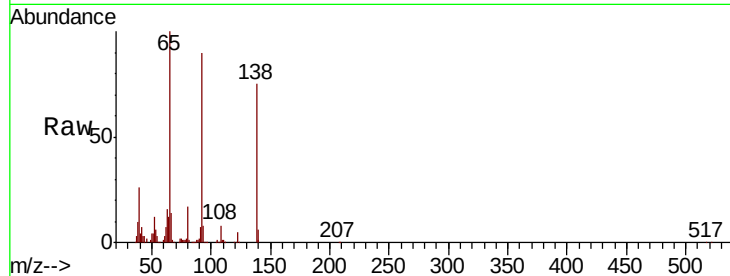




#53
 3-Nitroaniline
 Concen: 20.577 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

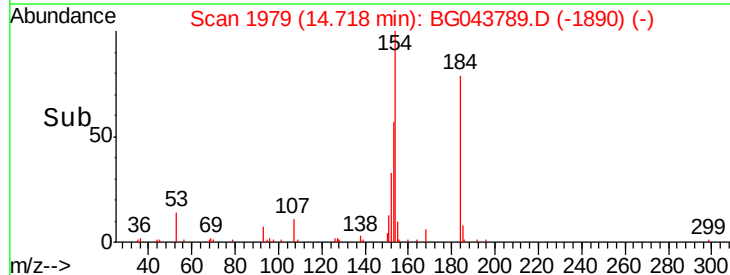
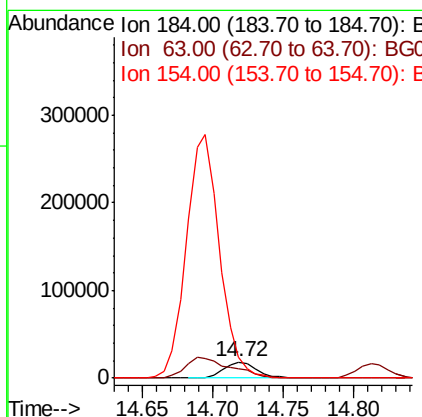
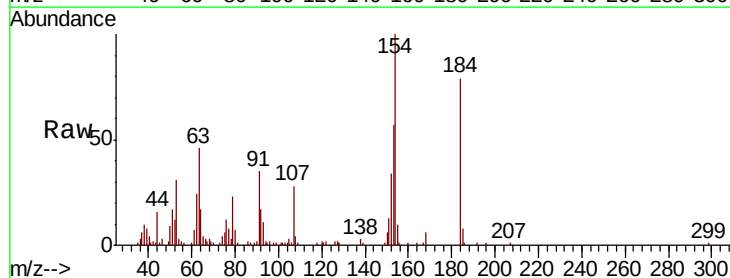
Instrument :
 BNA_G
 ClientSampleId :

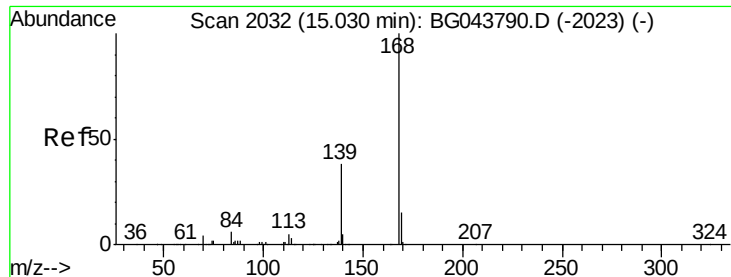
Tot Ion:138 Resp: 136580
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.1 12.1
 92 121.1 94.6 141.8



#54
 2,4-Dinitrophenol
 Concen: 12.910 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

Tgt Ion:184 Resp: 29973
 Ion Ratio Lower Upper
 184 100
 63 57.7 43.4 65.0
 154 126.7 54.8 82.2#

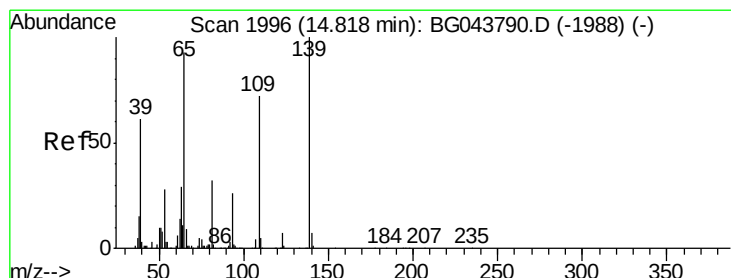
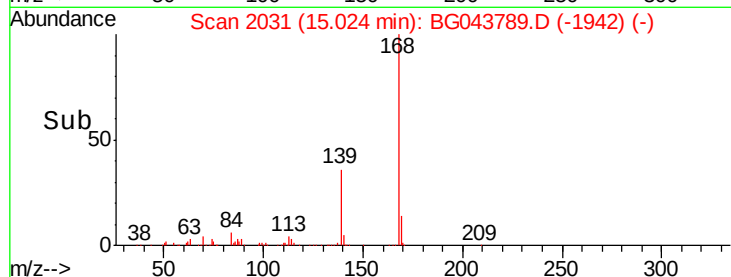
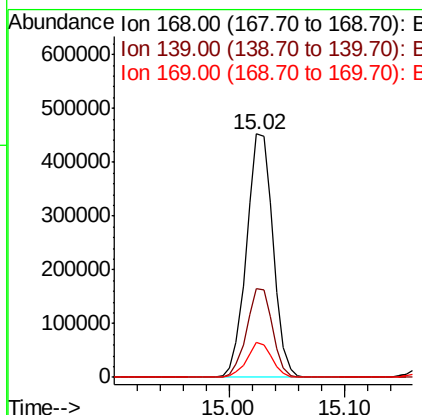
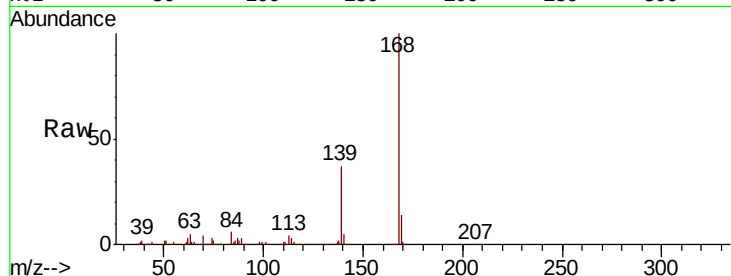




#55
Dibenzofuran
Concen: 20.985 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

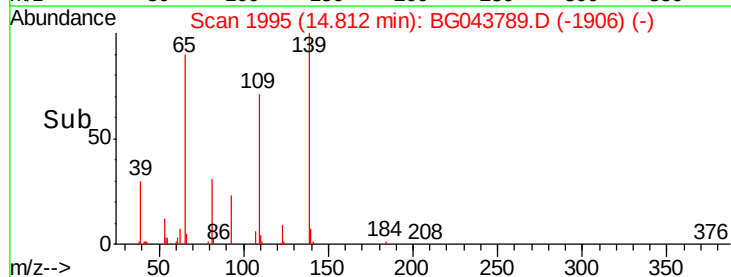
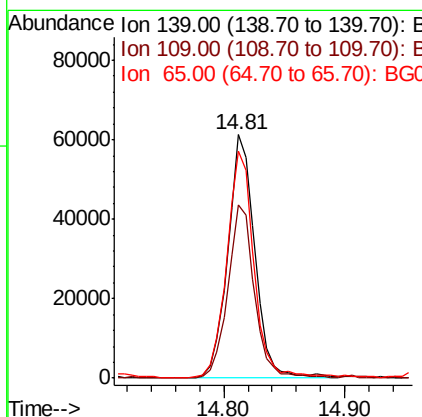
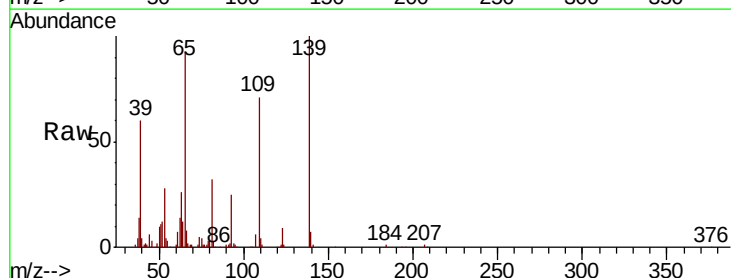
Instrument :
BNA_G
ClientSampleId :

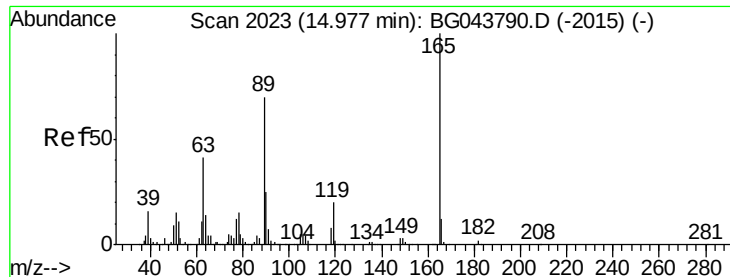
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.4	45.6
169	14.4	12.0	18.0



#56
4-Nitrophenol
Concen: 17.107 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	51.5	91.5
65	93.3	73.7	113.7

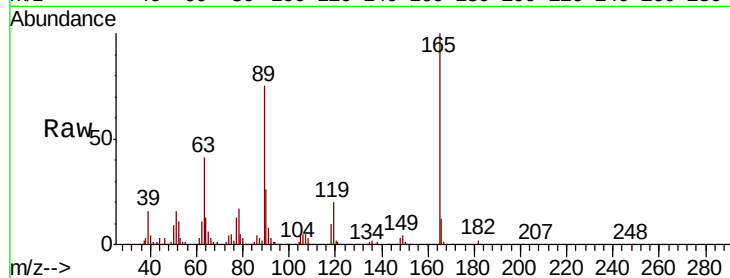




#57
2,4-Dinitrotoluene
Concen: 19.964 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.0	32.7	49.1
89	75.5	56.1	84.1
182	2.4	2.0	3.0



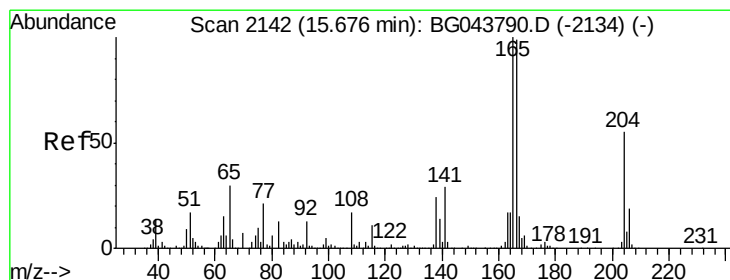
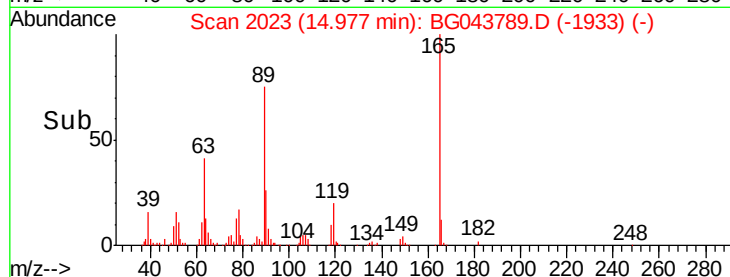
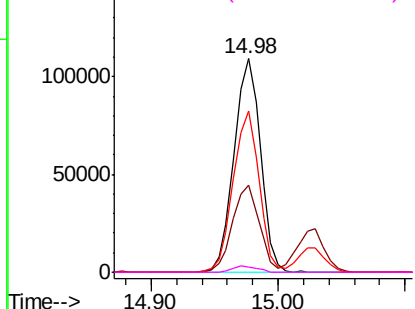
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

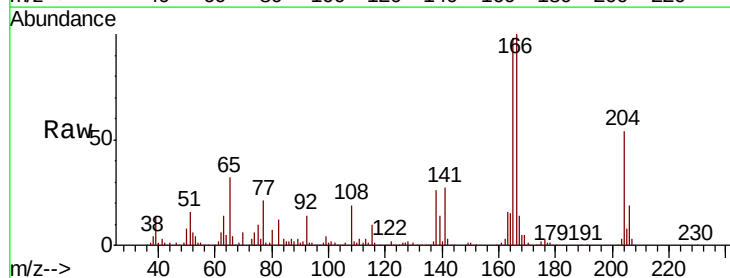
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 20.373 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	80.5	120.7
167	14.0	12.1	18.1

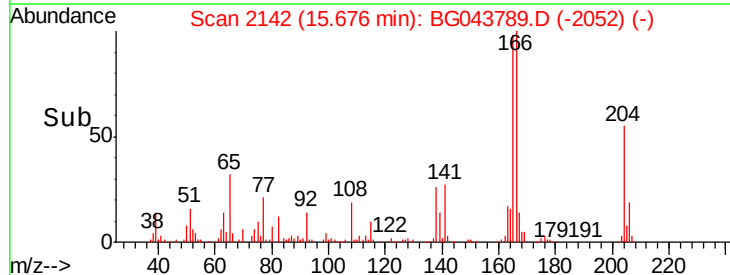
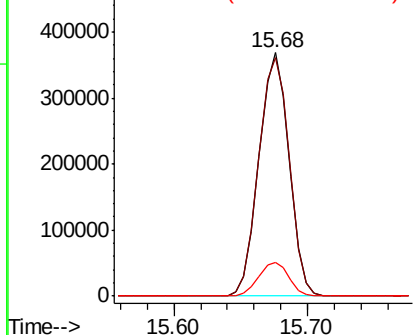


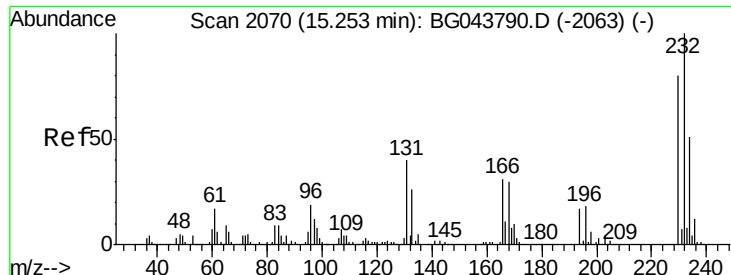
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

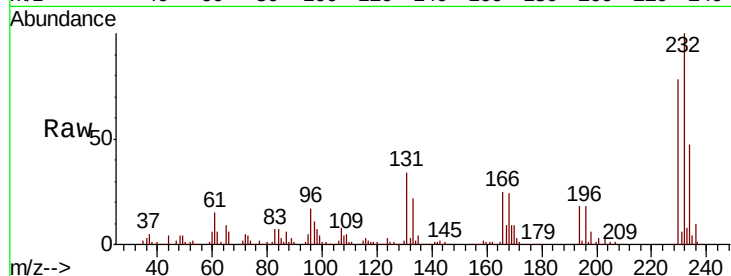




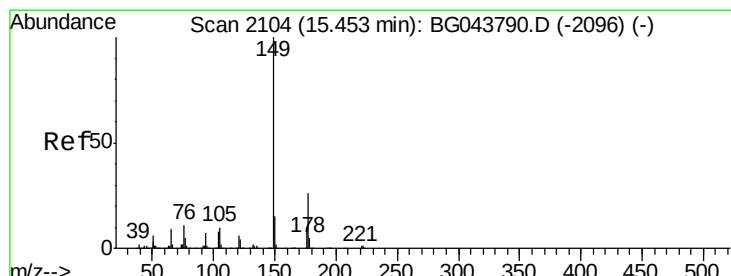
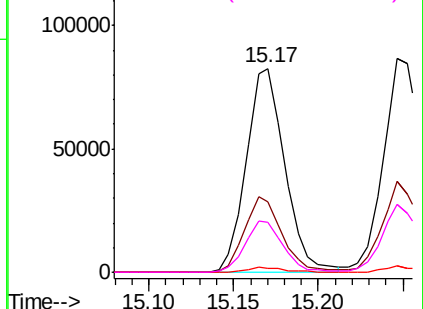
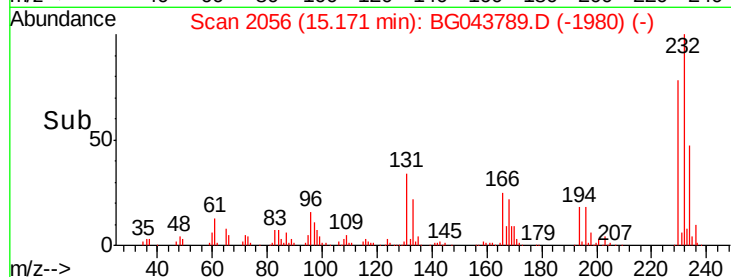
#59
2,3,4,6-Tetrachlorophenol
Concen: 15.903 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.08 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	131360
Ion	Ratio	Lower	Upper
232	100		
131	35.6	27.9	41.9
130	2.1	1.8	2.8
166	25.1	19.4	29.2

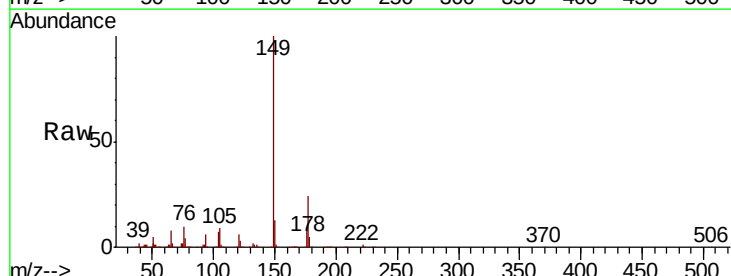


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

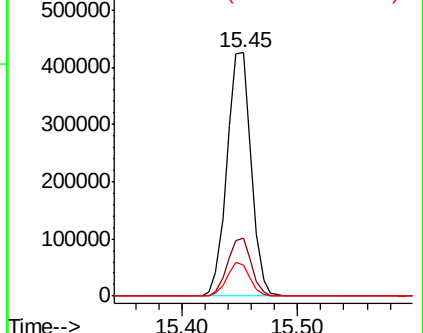
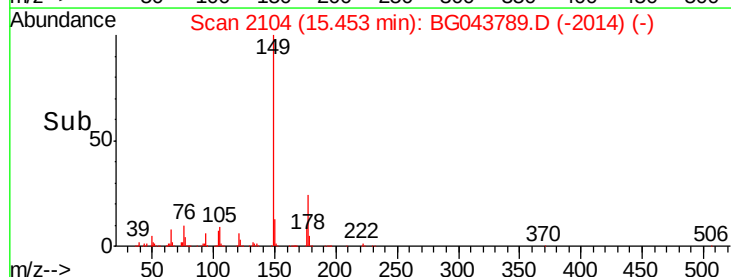


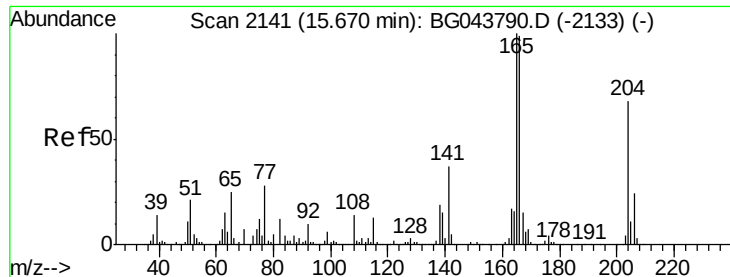
#60
Diethylphthalate
Concen: 19.110 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion:	149	Resp:	613980
Ion	Ratio	Lower	Upper
149	100		
177	23.9	20.4	30.6
150	12.6	11.6	17.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

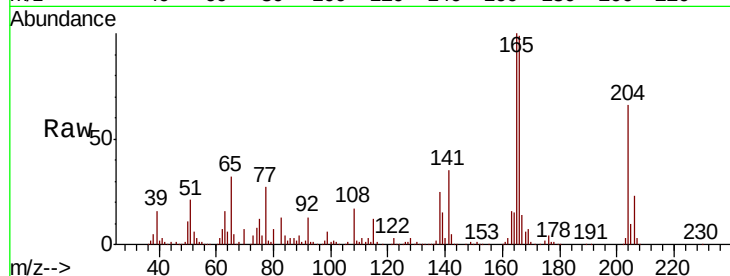




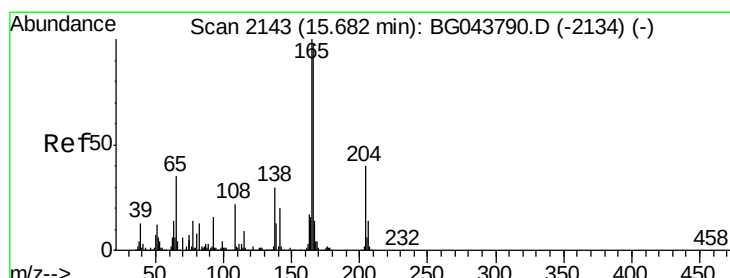
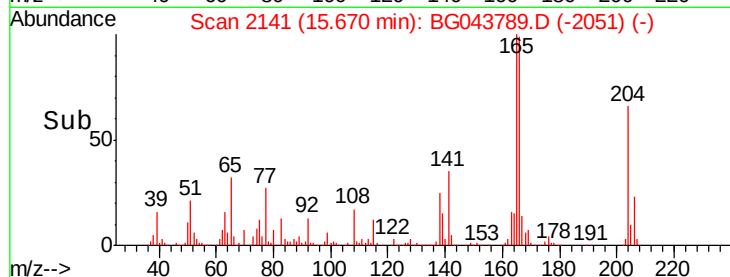
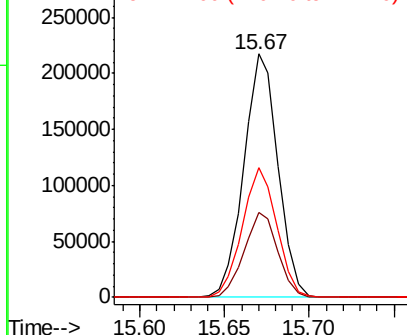
#61
4-Chlorophenyl-phenylether
Concen: 19.758 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 305326
Ion Ratio Lower Upper
204 100
206 35.1 28.1 42.1
141 53.2 44.1 66.1

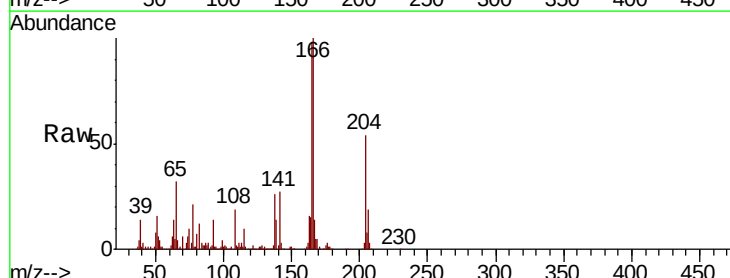


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

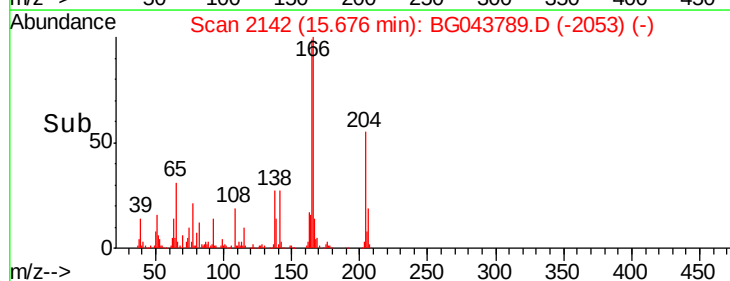
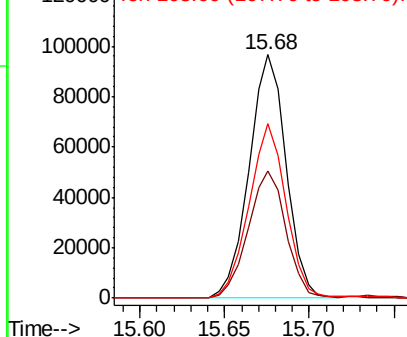


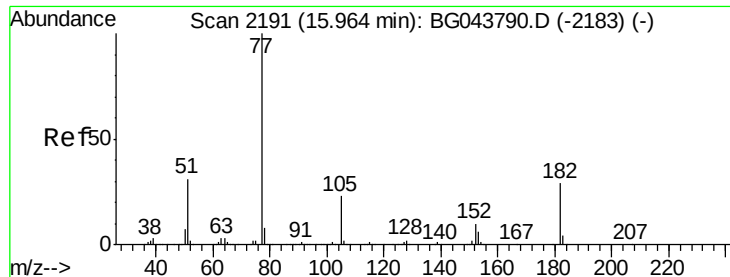
#62
4-Nitroaniline
Concen: 19.299 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion:138 Resp: 146881
Ion Ratio Lower Upper
138 100
92 52.1 31.5 71.5
108 71.6 53.1 93.1



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: 19.478 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 560972

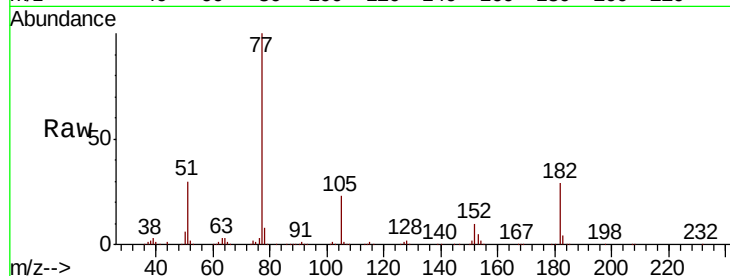
Ion Ratio Lower Upper

77 100

182 28.9 9.0 49.0

105 22.8 2.9 42.9

51 29.7 10.6 50.6

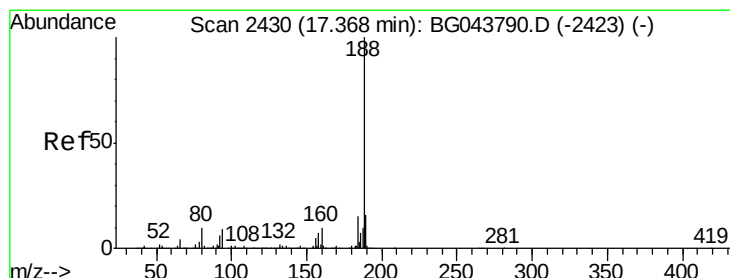
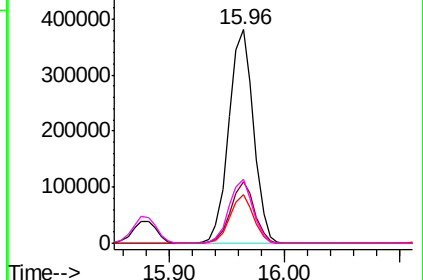
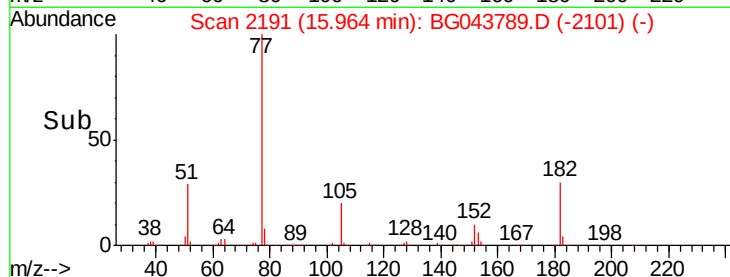


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

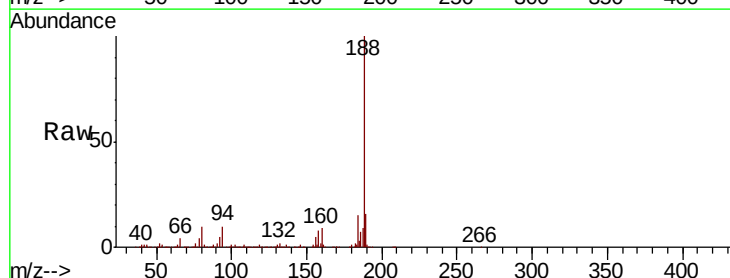
Tgt Ion: 188 Resp: 861625

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

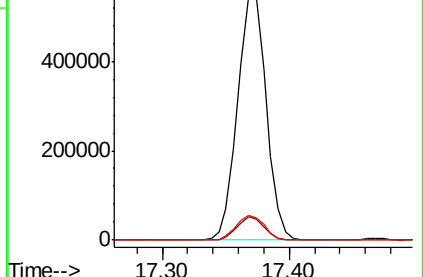
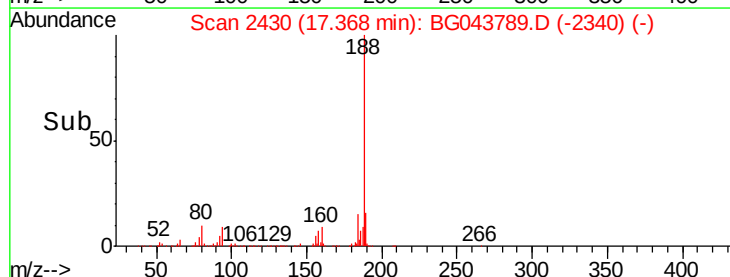
80 10.4 7.8 11.8

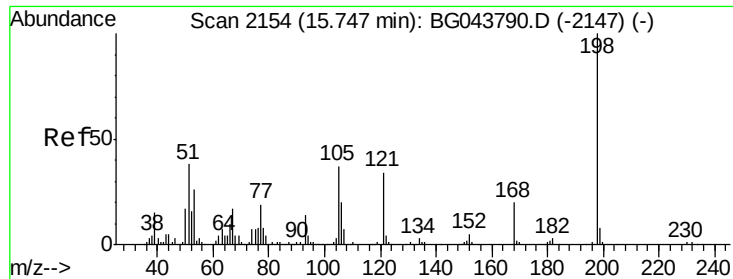


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 16.096 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampled :

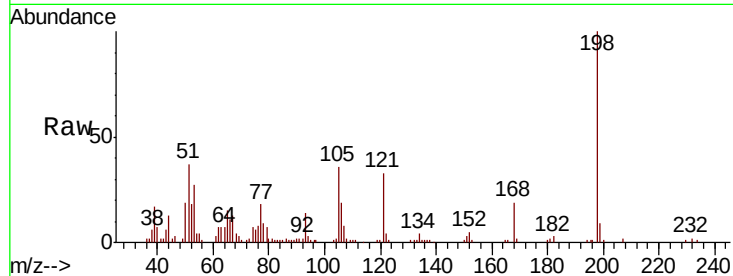
Tot Ion:198 Resp: 47061

Ion Ratio Lower Upper

198 100

51 36.9 18.9 58.9

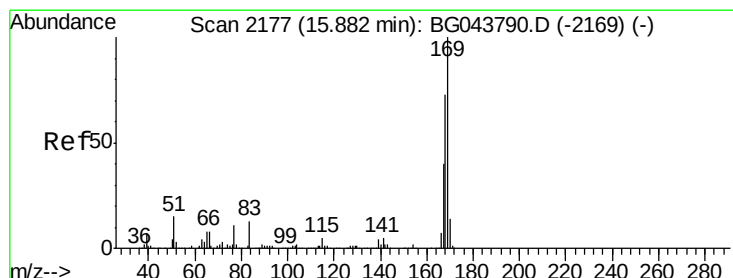
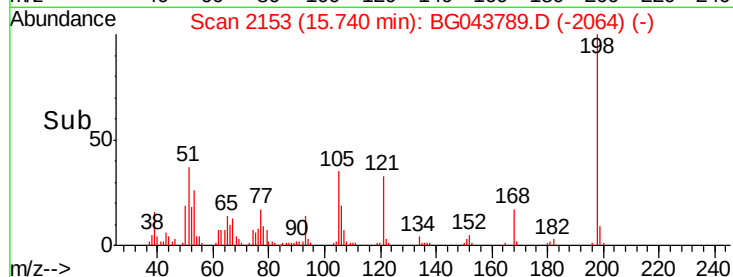
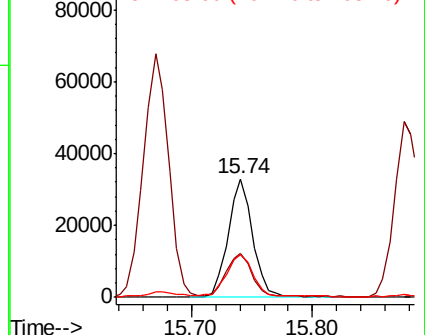
105 36.1 18.1 58.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 22.545 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

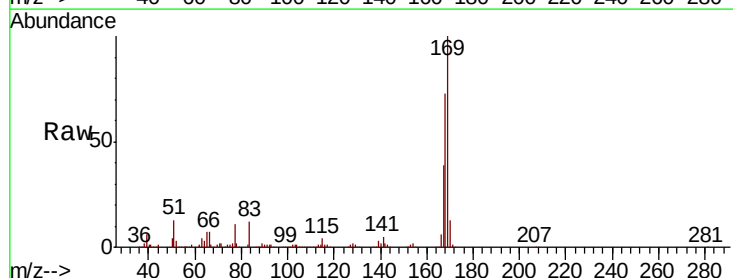
Tgt Ion:169 Resp: 514305

Ion Ratio Lower Upper

169 100

168 73.3 58.5 87.7

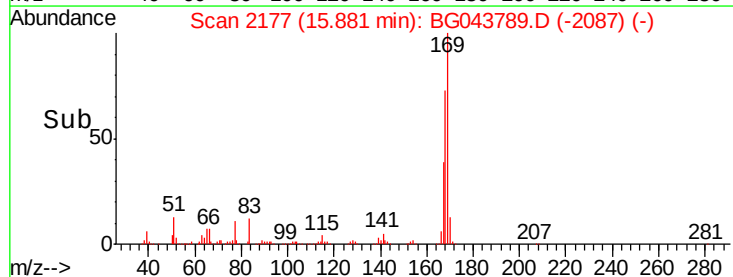
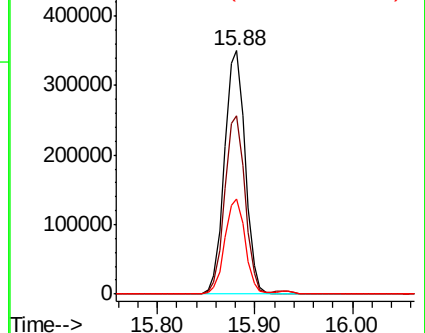
167 39.2 32.1 48.1

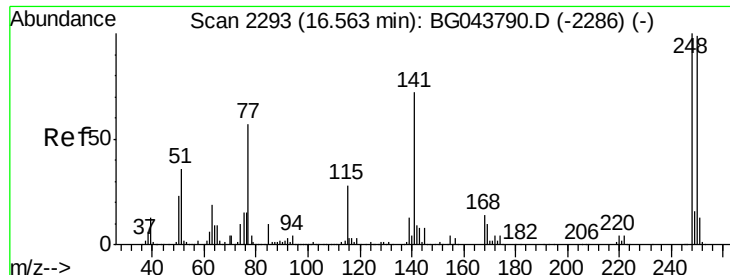


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

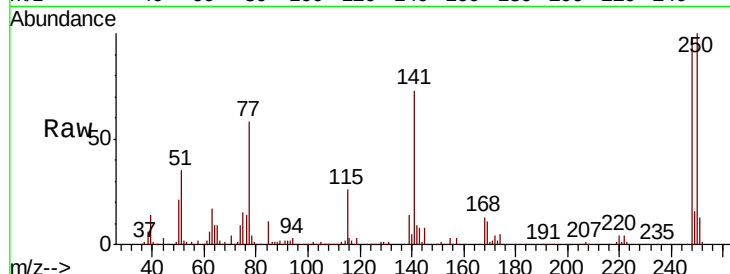




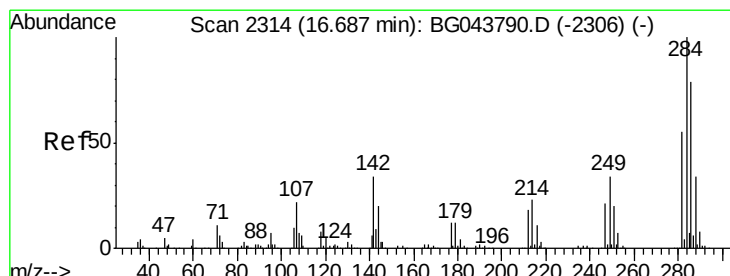
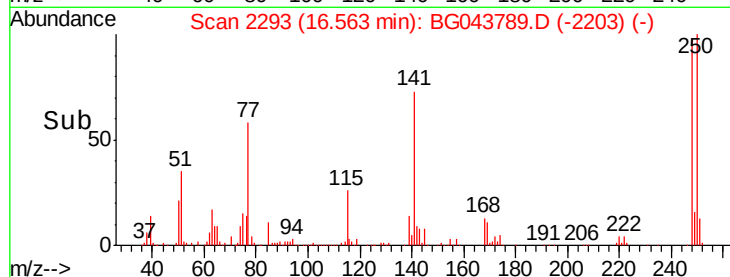
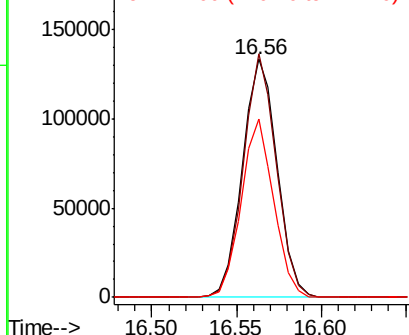
#67
4-Bromophenyl-phenylether
Concen: 20.884 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 189759
Ion Ratio Lower Upper
248 100
250 102.2 79.0 118.6
141 75.0 57.8 86.6

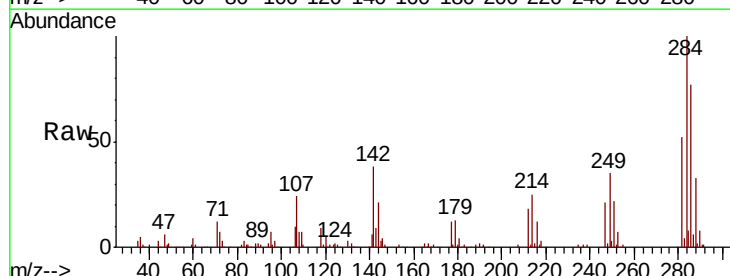


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

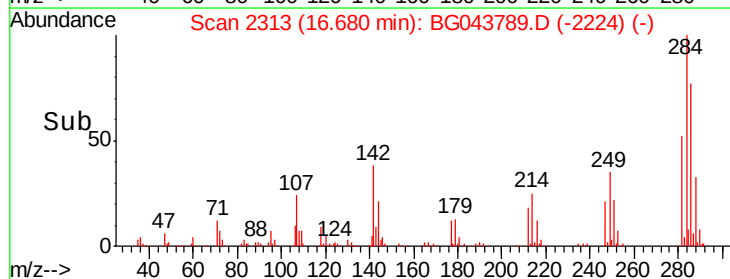
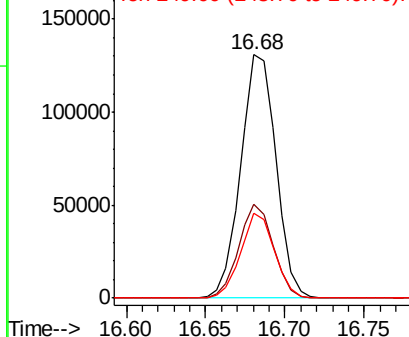


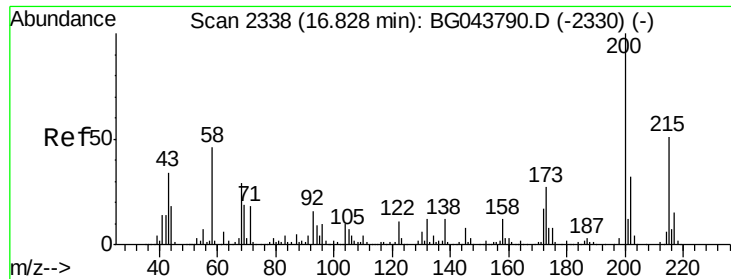
#68
Hexachlorobenzene
Concen: 20.358 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion:284 Resp: 202223
Ion Ratio Lower Upper
284 100
142 38.4 27.0 40.6
249 34.7 27.2 40.8



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





#69

Atrazine

Concen: 18.993 ng

RT: 16.83 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

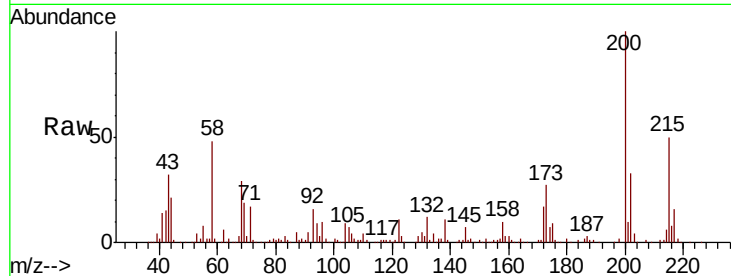
Tot Ion:200 Resp: 173651

Ion Ratio Lower Upper

200 100

173 26.8 7.4 47.4

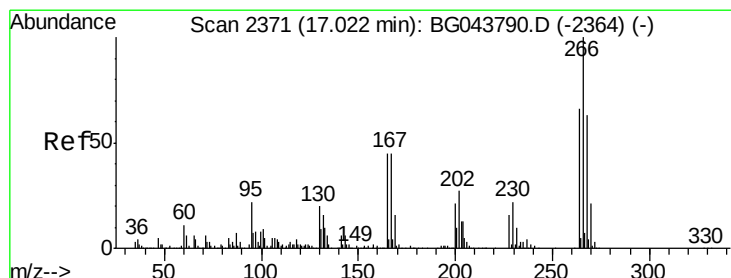
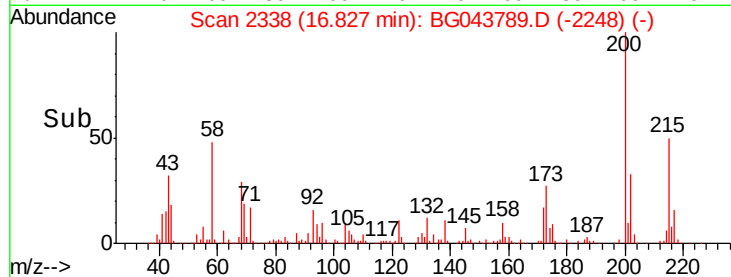
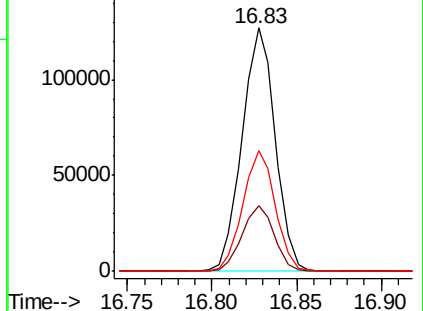
215 49.6 30.5 70.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 16.470 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

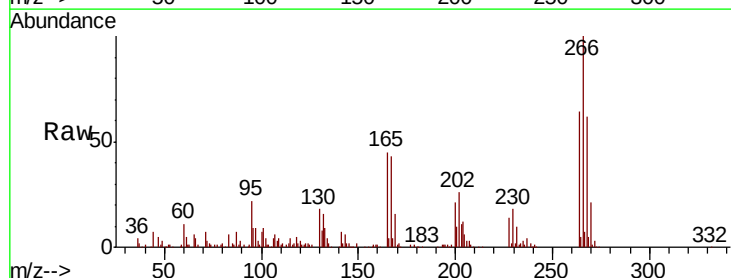
Tgt Ion:266 Resp: 99829

Ion Ratio Lower Upper

266 100

268 66.7 50.8 76.2

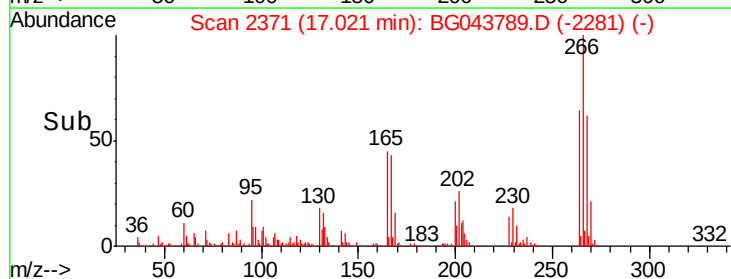
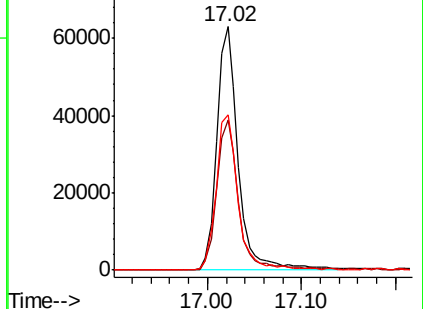
264 64.0 53.0 79.4

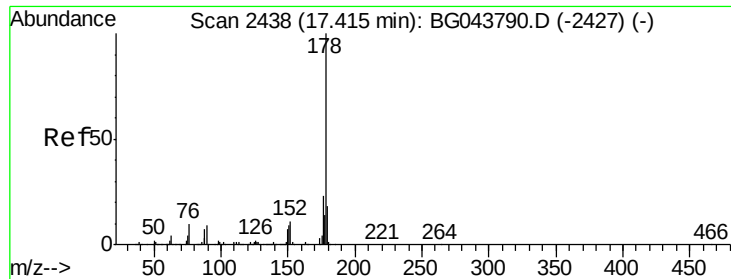


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

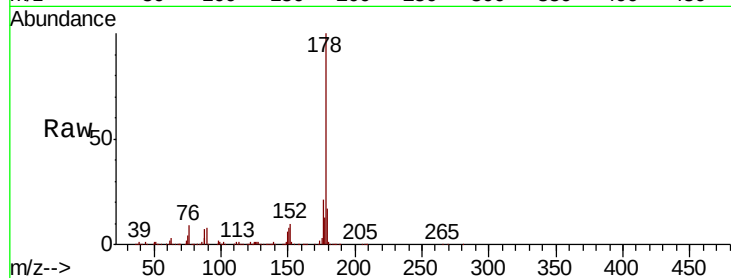




#71
Phenanthrene
Concen: 21.932 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	18.6	27.8
179	16.7	14.7	22.1

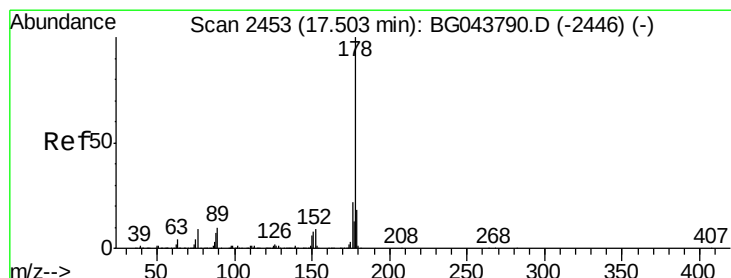
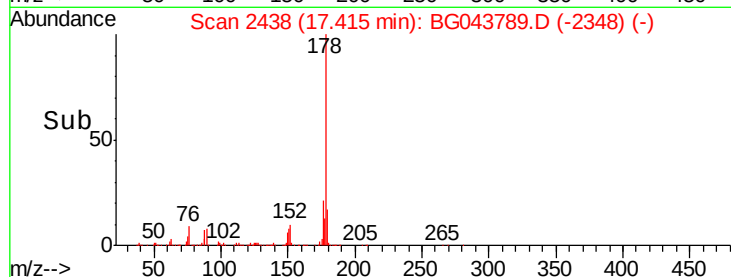
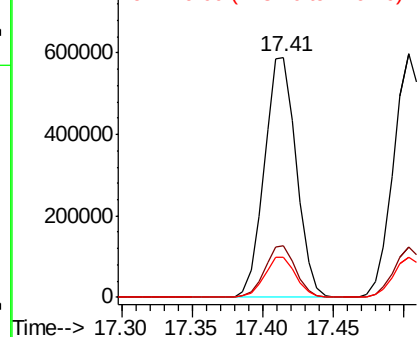


Abundance

Ion 178.00 (177.70 to 178.70): E

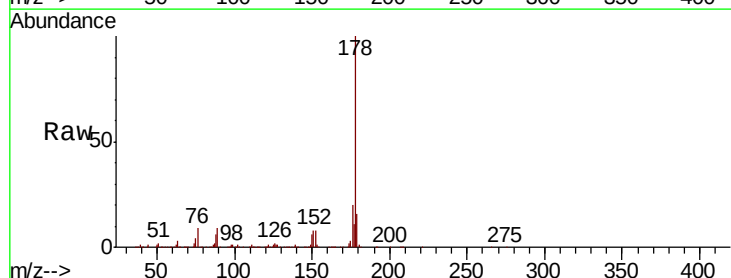
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 21.374 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	17.7	26.5
179	16.5	14.5	21.7

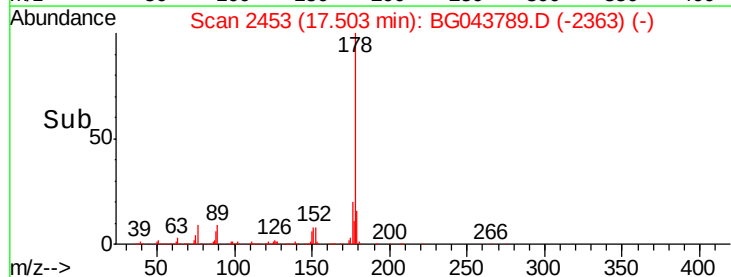
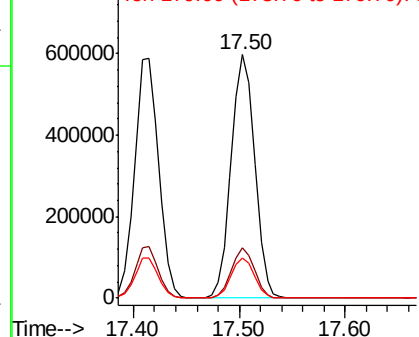


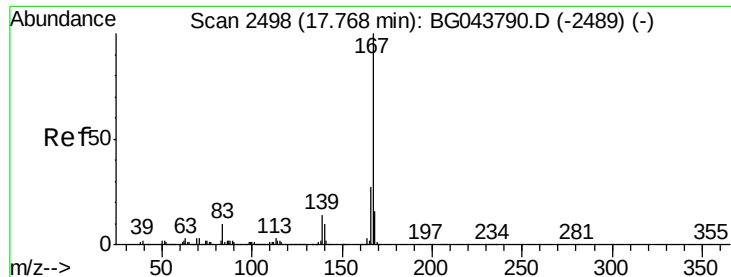
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

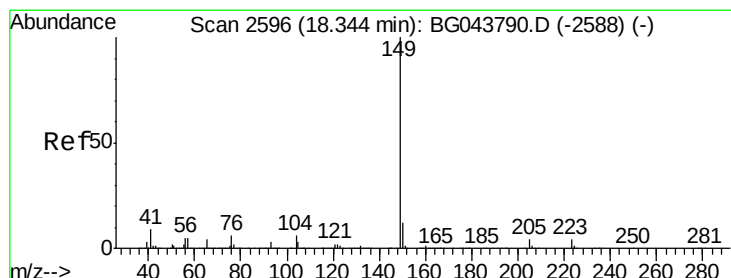
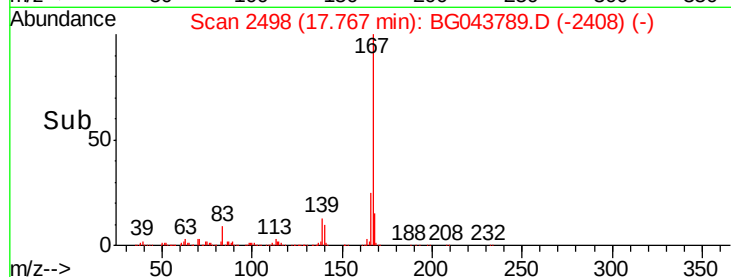
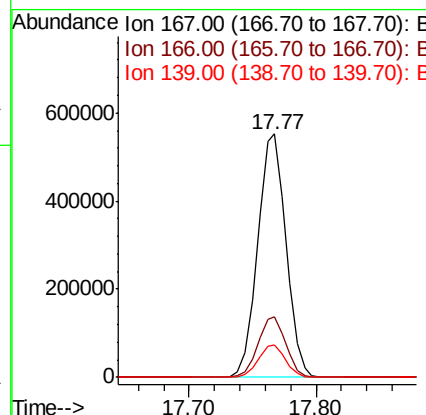
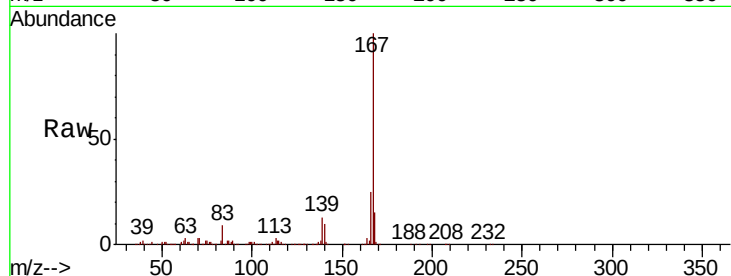




#73
 Carbazole
 Concen: 20.141 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

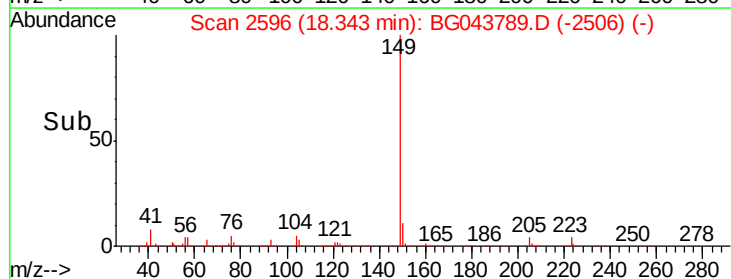
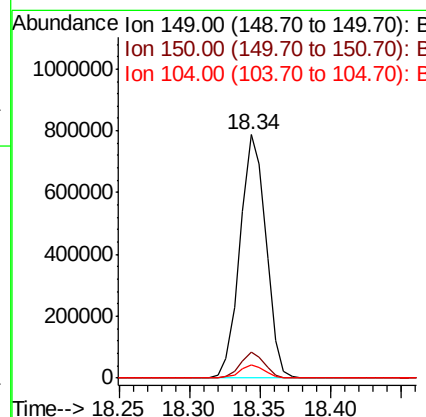
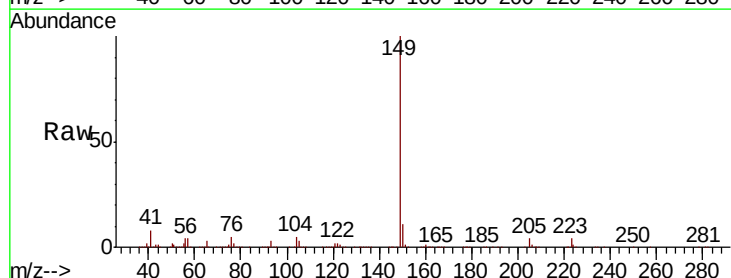
Instrument :
 BNA_G
 ClientSampleId :

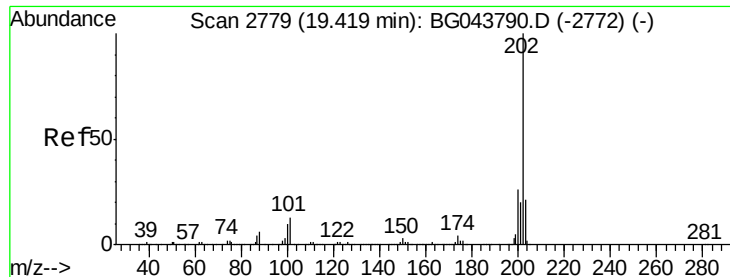
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	21.4	32.2
139	13.2	11.0	16.4



#74
 Di-n-butylphthalate
 Concen: 18.486 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043789.D
 Acq: 9 Dec 2019 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.4	14.0
104	5.4	4.8	7.2





#75

Fluoranthene

Concen: 17.976 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampled :

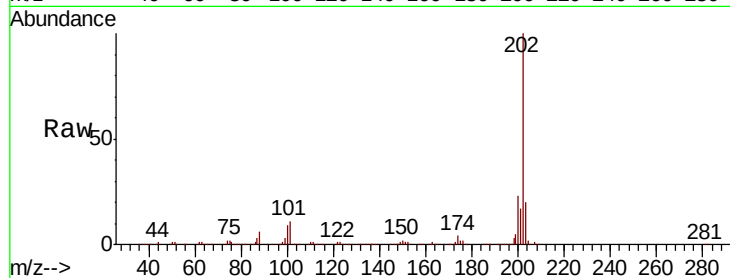
Tot Ion:202 Resp: 1099321

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.7

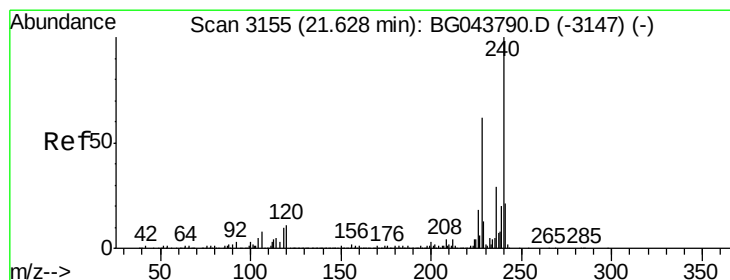
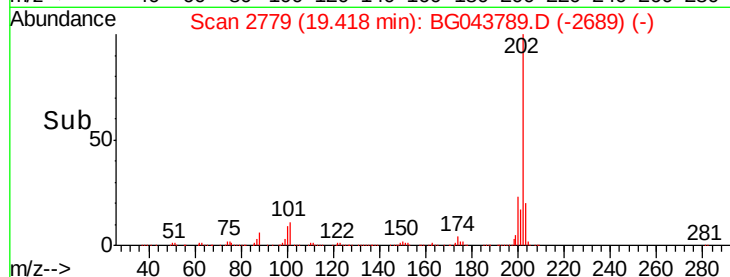
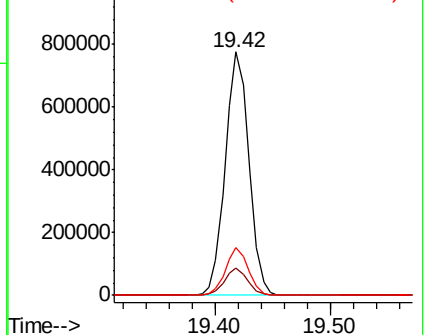
203 19.5 1.0 41.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

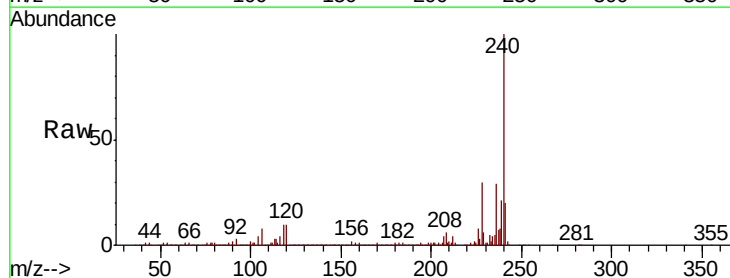
Tgt Ion:240 Resp: 724703

Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

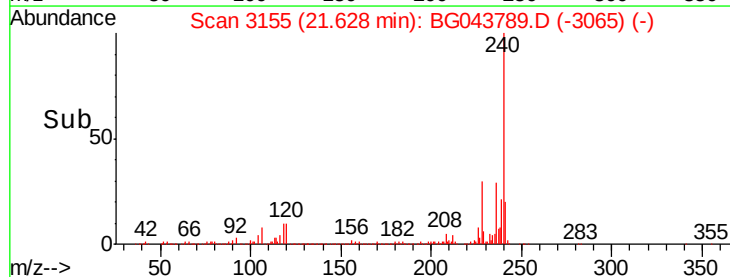
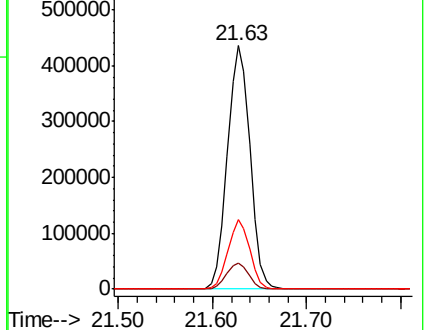
236 28.7 23.1 34.7

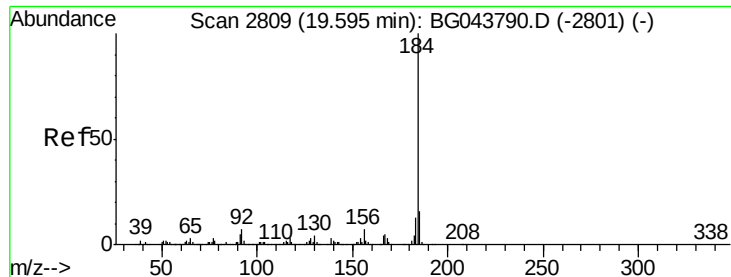


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.360 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

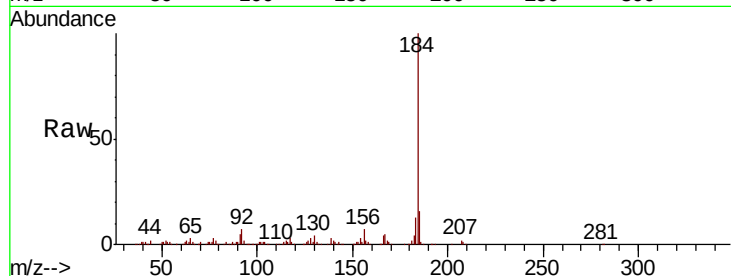
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 325162

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.9	19.3
183	12.6	10.3	15.5

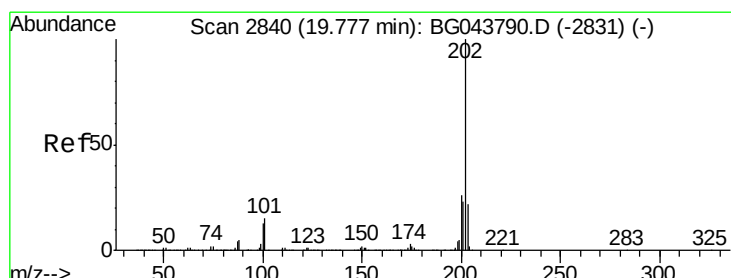
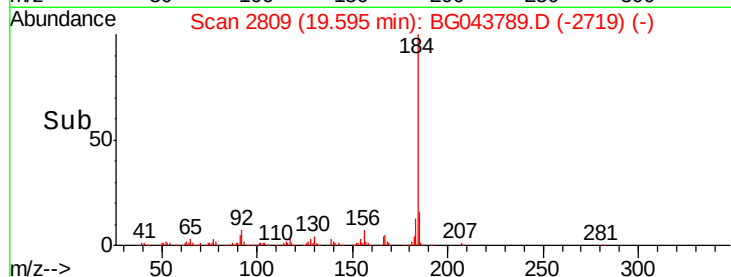
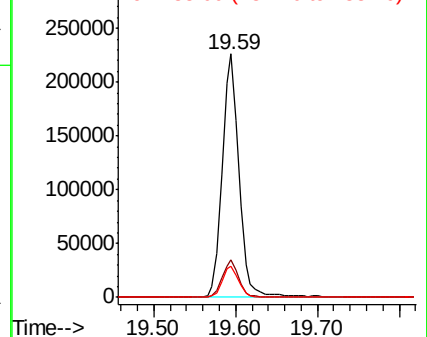


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 23.905 ng

RT: 19.78 min Scan# 2840

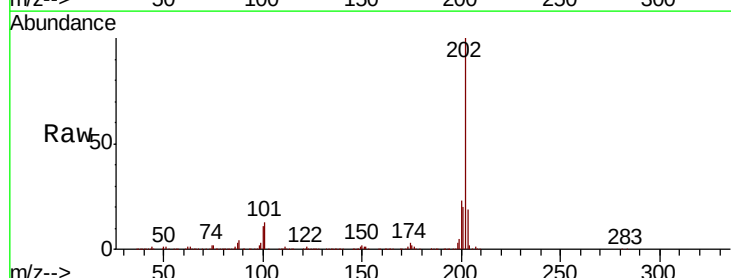
Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Tgt Ion:202 Resp: 1118080

Ion	Ratio	Lower	Upper
202	100		
200	23.5	20.8	31.2
203	19.3	17.7	26.5

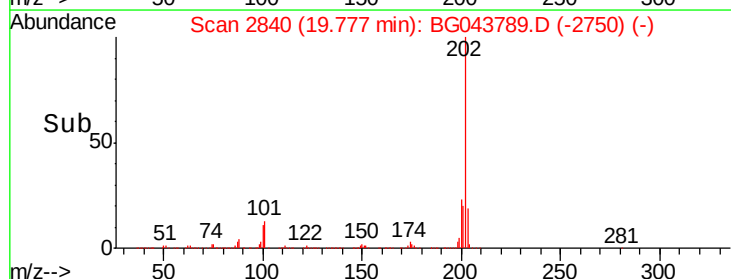
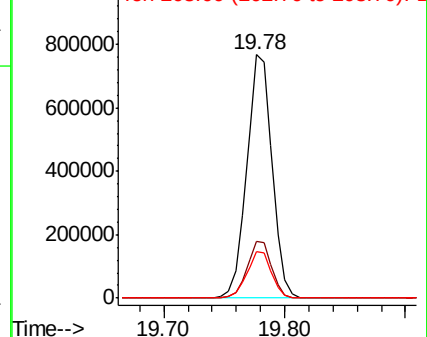


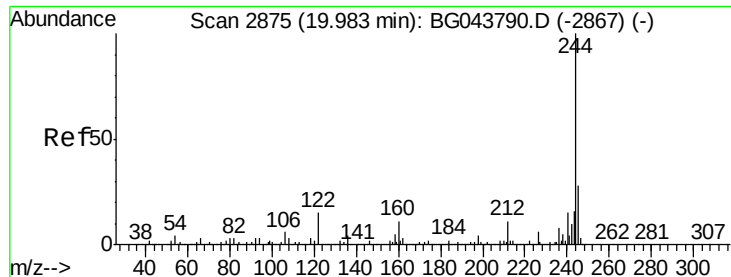
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.635 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

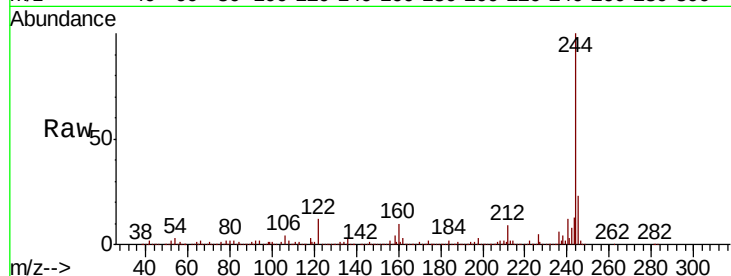
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1559795

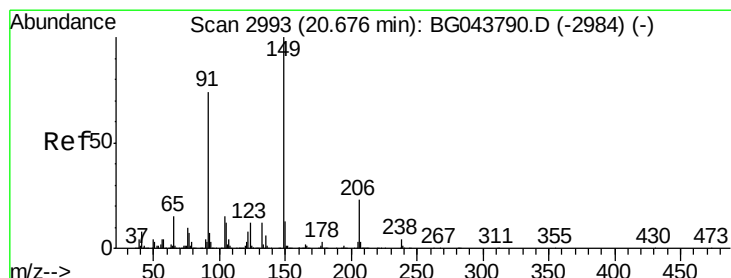
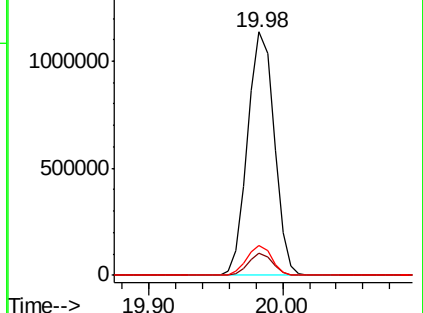
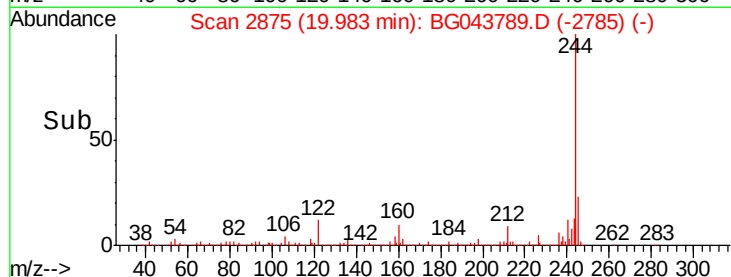
Ion	Ratio	Lower	Upper
244	100		
212	9.2	9.1	13.7
122	12.3	11.6	17.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 18.975 ng

RT: 20.68 min Scan# 2993

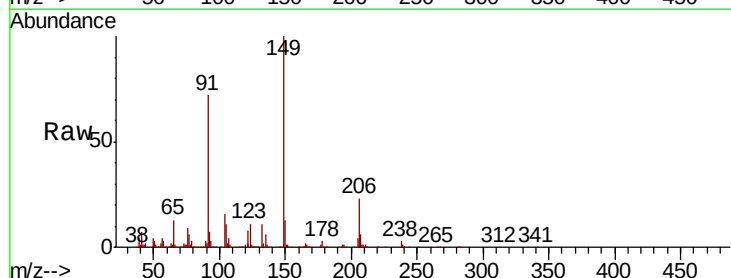
Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Tgt Ion:149 Resp: 404287

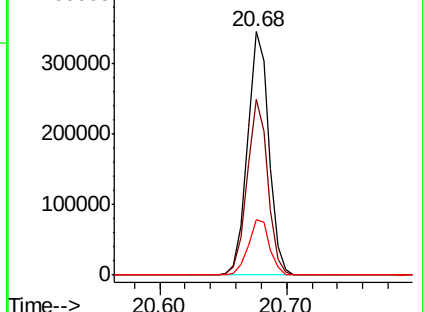
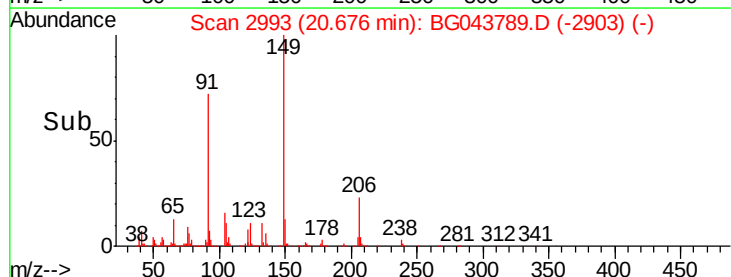
Ion	Ratio	Lower	Upper
149	100		
91	72.0	59.0	88.4
206	22.8	18.6	28.0

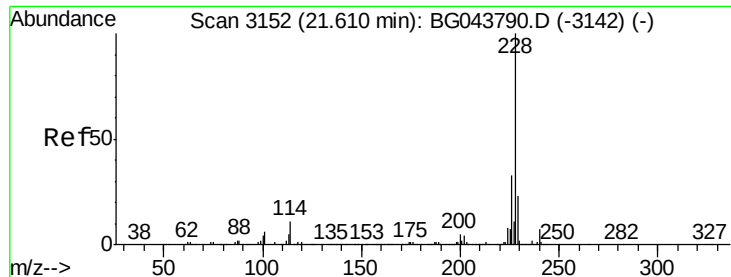


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

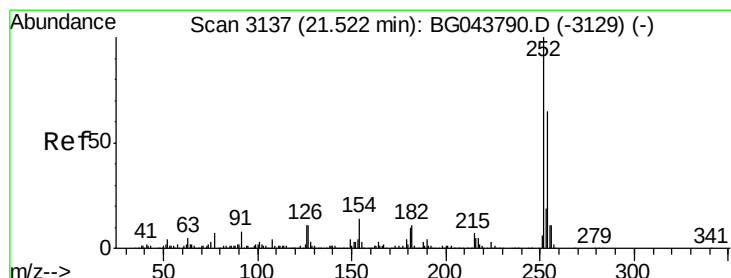
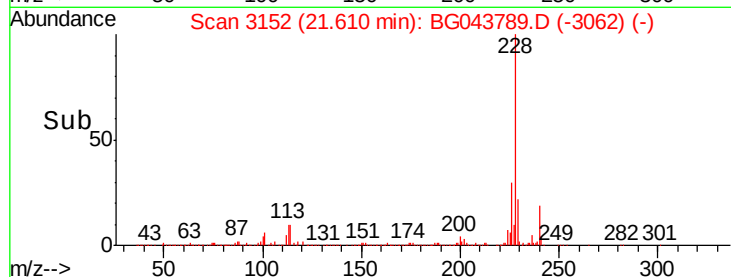
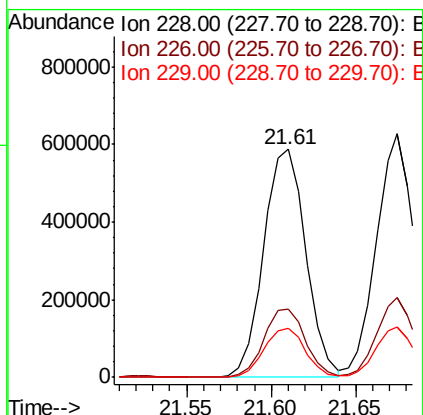
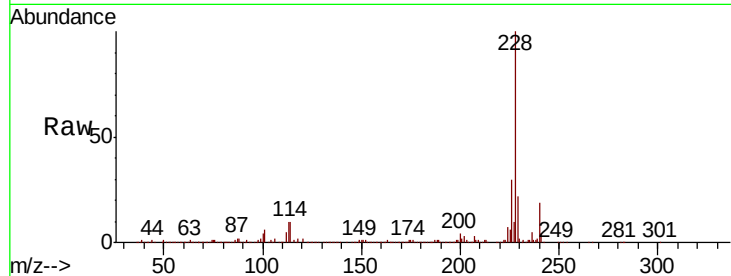




#81
Benzo(a)anthracene
Concen: 21.072 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

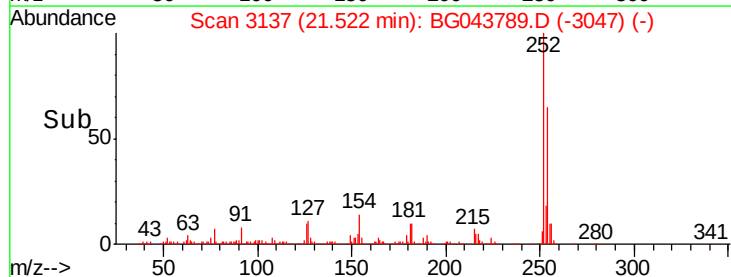
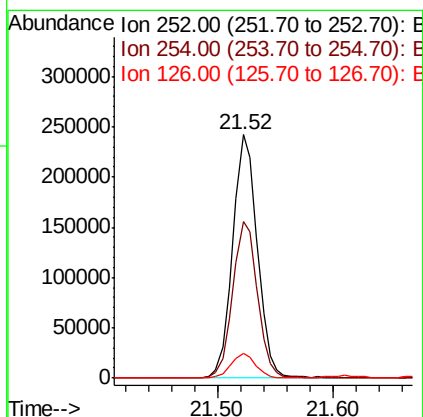
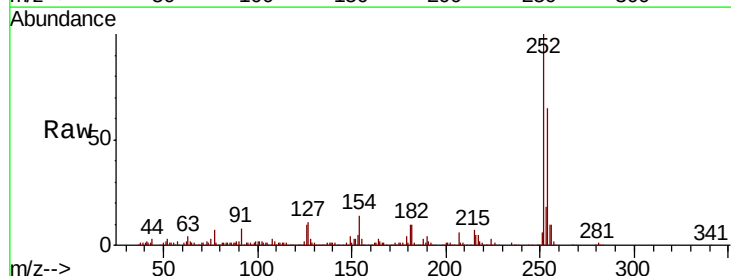
Instrument :
BNA_G
ClientSampleId :

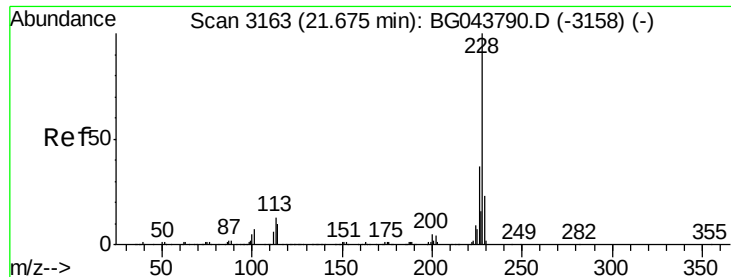
Tot Ion:228 Resp: 1020916
Ion Ratio Lower Upper
228 100
226 30.2 26.1 39.1
229 21.7 18.6 27.8



#82
3,3'-Dichlorobenzidine
Concen: 19.740 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion:252 Resp: 358643
Ion Ratio Lower Upper
252 100
254 64.5 52.2 78.2
126 10.3 8.7 13.1





#83

Chrysene

Concen: 21.546 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampleId :

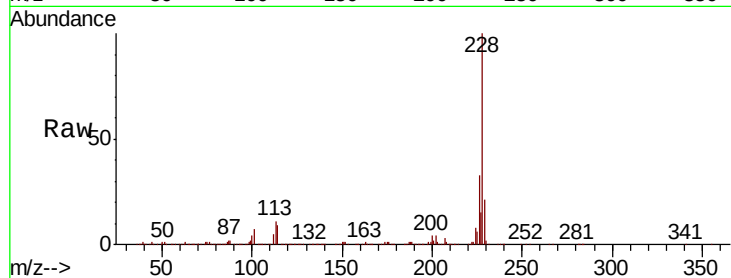
Tot Ion:228 Resp: 987784

Ion Ratio Lower Upper

228 100

226 32.7 29.1 43.7

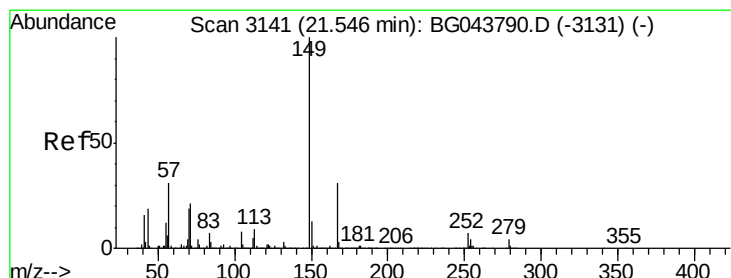
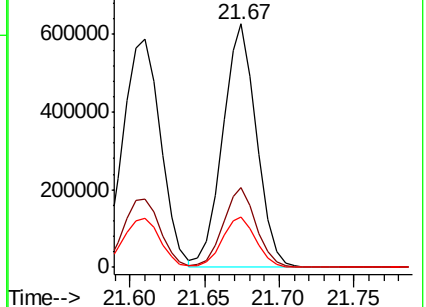
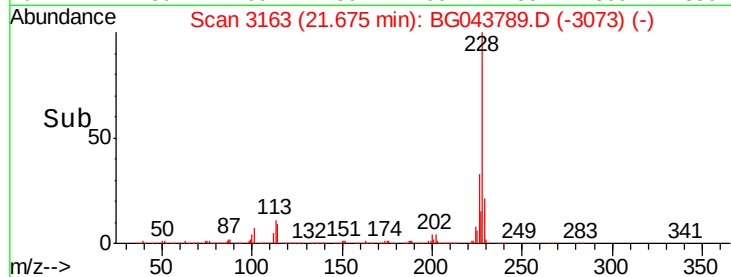
229 20.8 18.6 28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.655 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

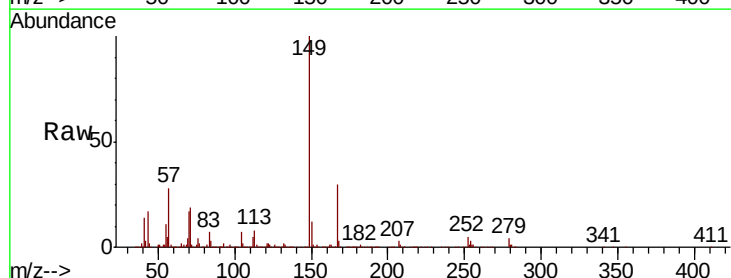
Tgt Ion:149 Resp: 619211

Ion Ratio Lower Upper

149 100

167 29.8 25.1 37.7

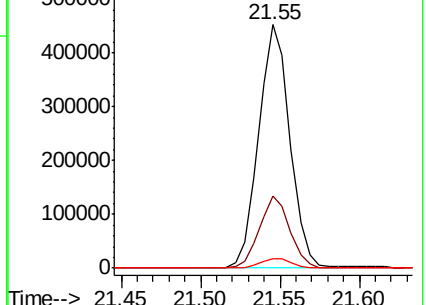
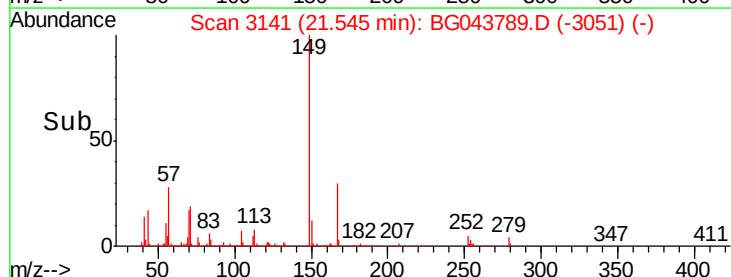
279 4.1 3.5 5.3

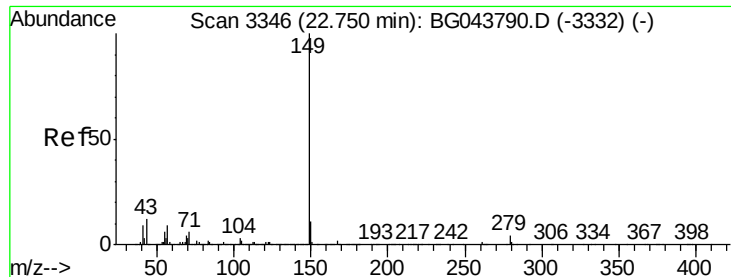


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

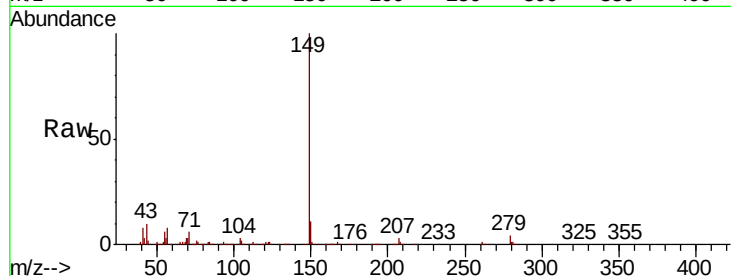




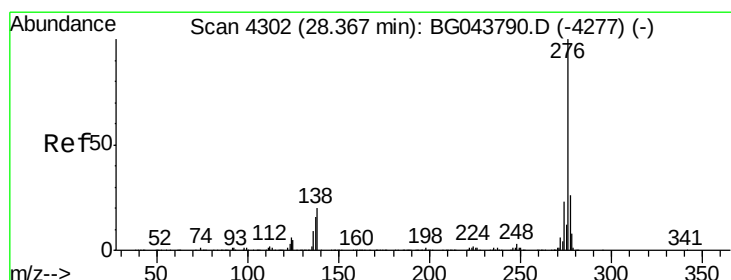
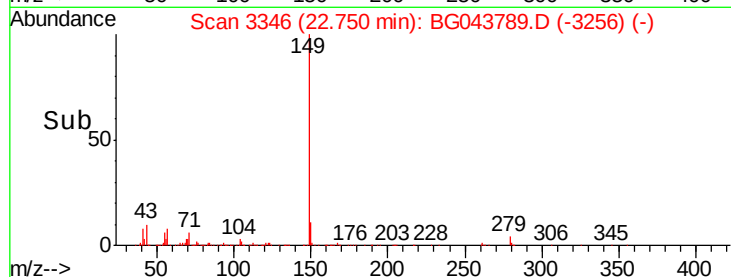
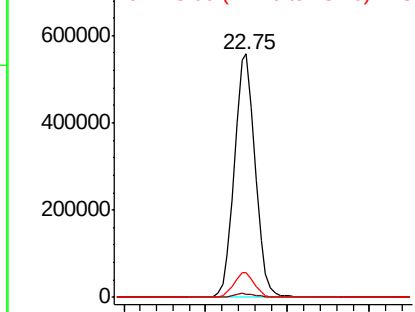
#85
Di-n-octyl phthalate
Concen: 20.227 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 983567
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 10.4 8.8 13.2

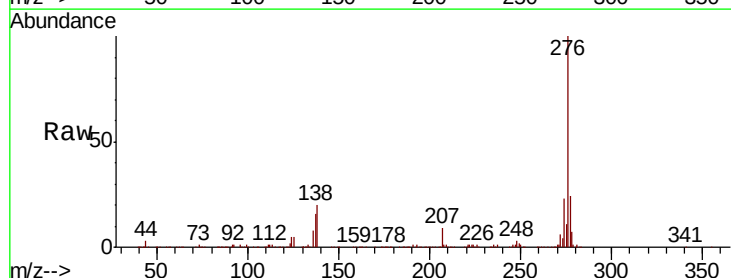


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

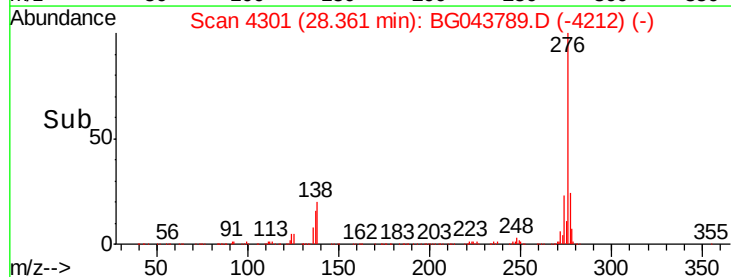
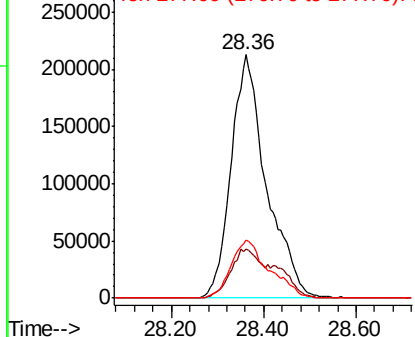


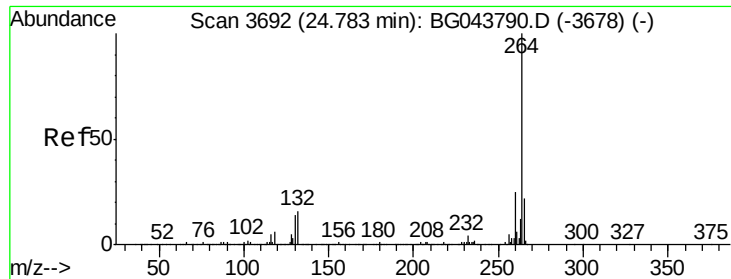
#86
Indeno(1,2,3-cd)pyrene
Concen: 21.258 ng
RT: 28.36 min Scan# 4301
Delta R.T. -0.01 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion:276 Resp: 1133660
Ion Ratio Lower Upper
276 100
138 16.7 14.6 21.8
277 25.9 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



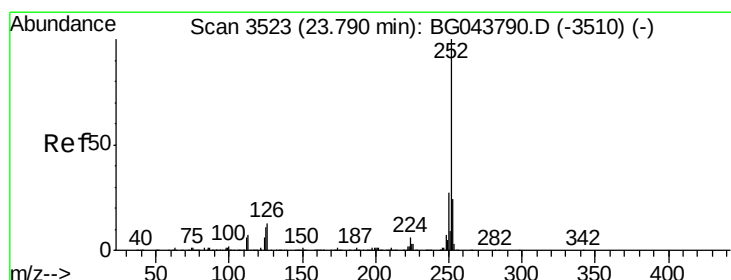
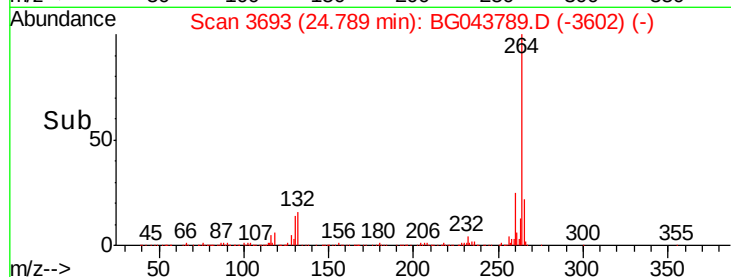
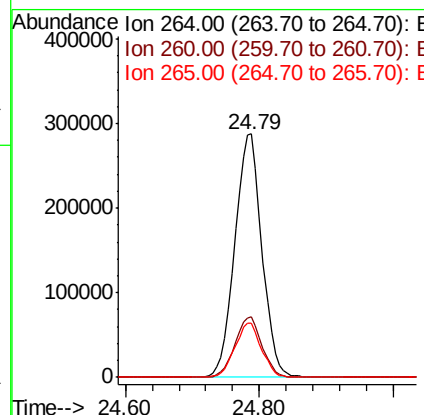
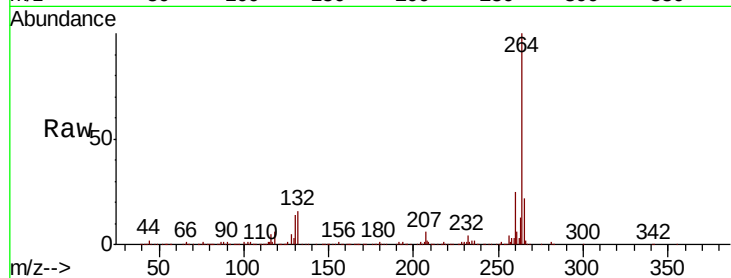


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.01 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 813636

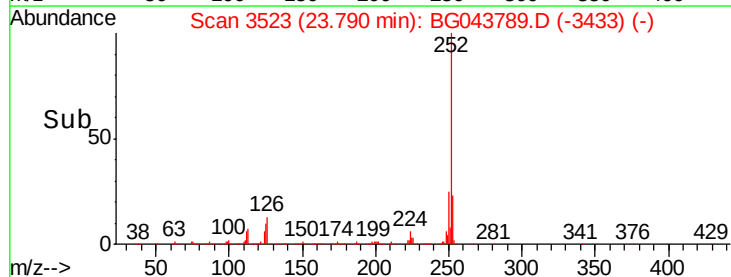
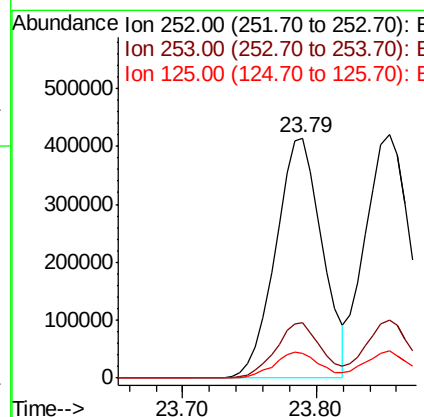
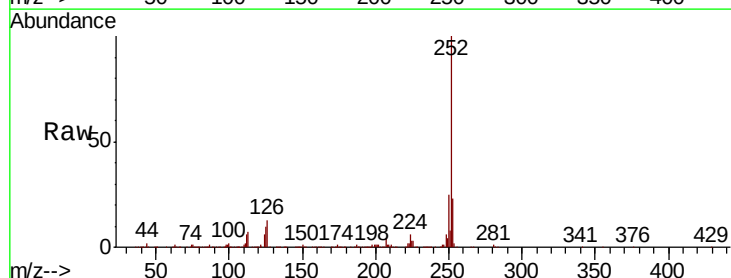
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	22.2	17.9	26.9

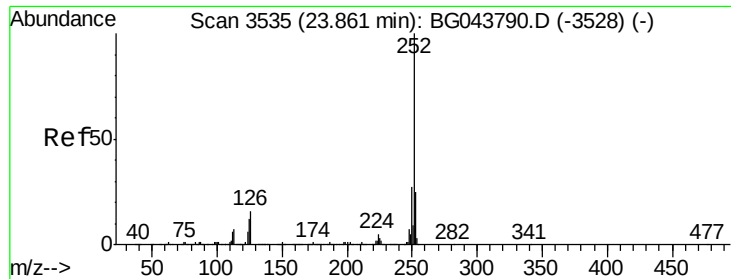


#88
Benzo(b)fluoranthene
Concen: 20.702 ng
RT: 23.79 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG043789.D
Acq: 9 Dec 2019 13:30

Tgt Ion:252 Resp: 1005709

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.5	29.3
125	10.1	9.0	13.4





#89

Benzo(k)fluoranthene

Concen: 21.087 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Instrument :

BNA_G

ClientSampled :

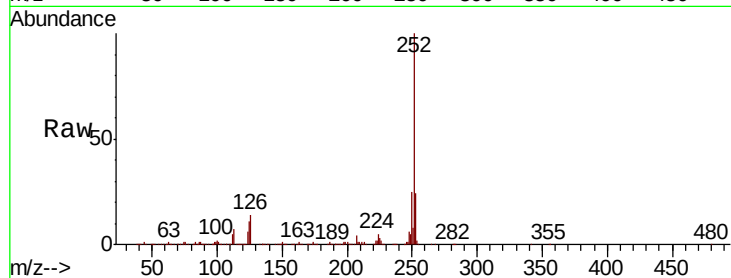
Tot Ion:252 Resp: 983150

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.0

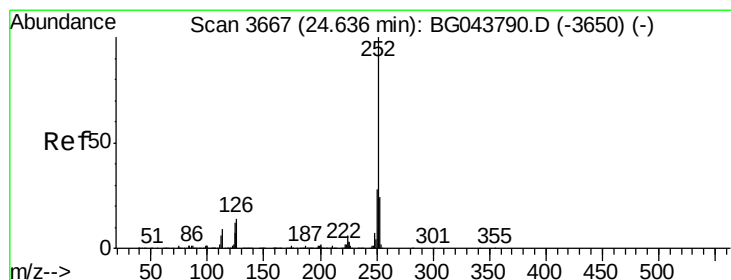
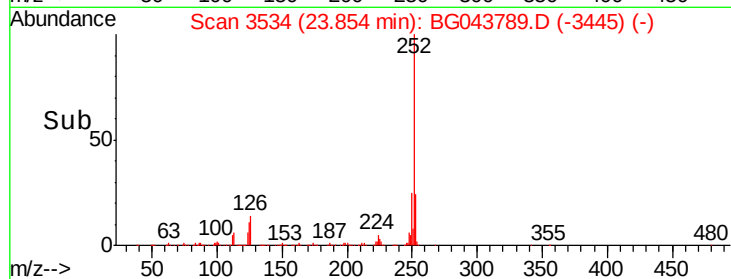
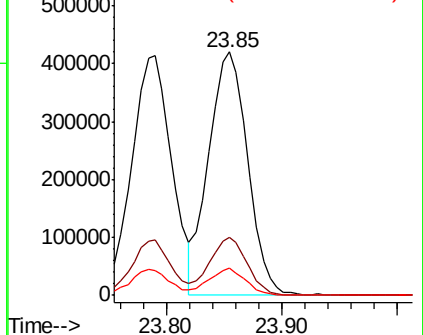
125 11.1 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 20.656 ng

RT: 24.64 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

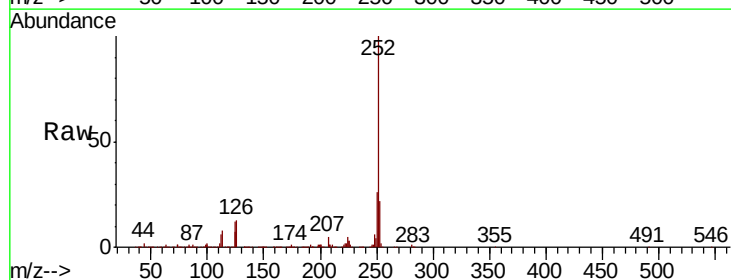
Tgt Ion:252 Resp: 943580

Ion Ratio Lower Upper

252 100

253 22.0 19.1 28.7

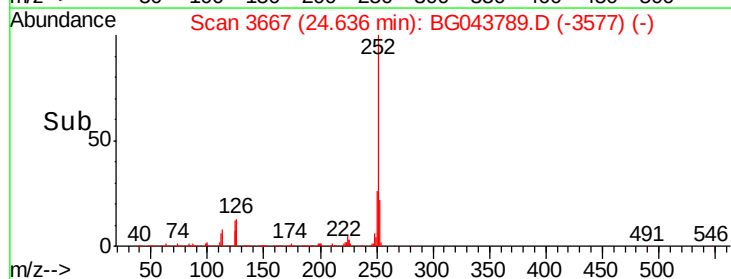
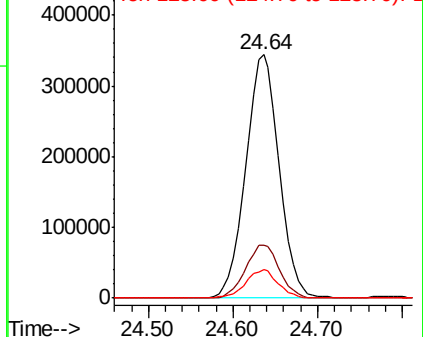
125 11.7 9.4 14.0

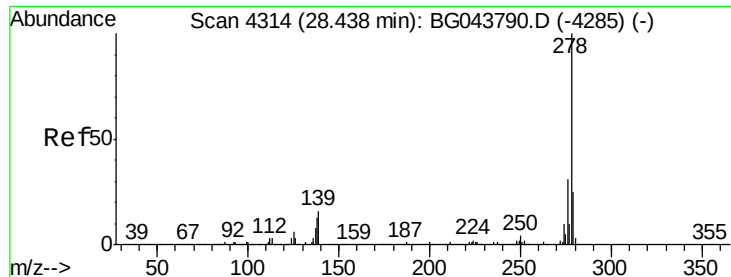


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 20.980 ng

RT: 28.44 min Scan# 4314

Delta R.T. -0.00 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

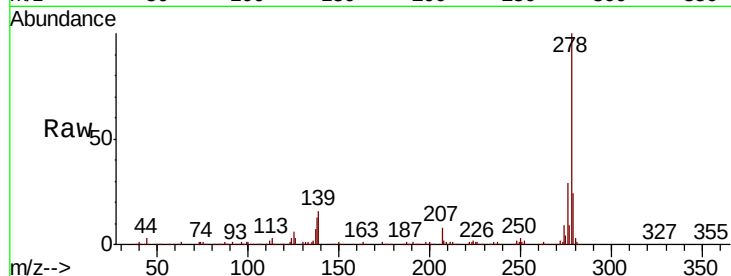
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 929576

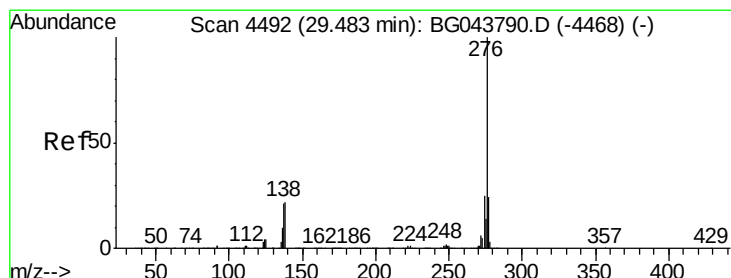
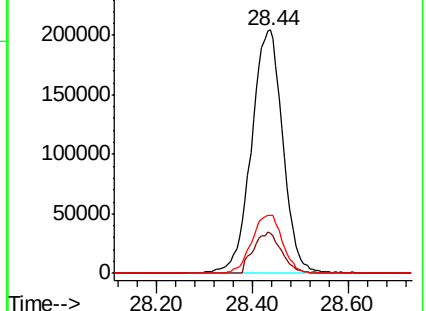
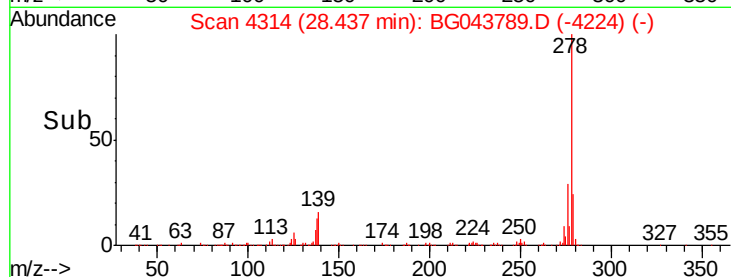
Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.2	19.8
279	23.9	19.8	29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 20.582 ng

RT: 29.47 min Scan# 4490

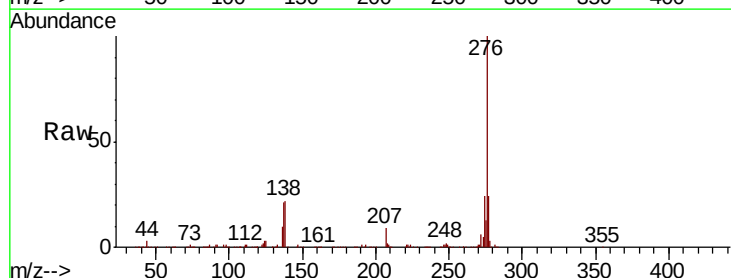
Delta R.T. -0.01 min

Lab File: BG043789.D

Acq: 9 Dec 2019 13:30

Tgt Ion:276 Resp: 899340

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	22.3	17.6	26.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

