

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041273.D
 Acq On : 17 Jun 2019 13:42
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 17 14:39:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 13:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34177	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	136678	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	96564	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	247262	20.00	ng	0.00
76) Chrysene-d12	21.75	240	257033	20.00	ng	0.00
87) Perylene-d12	25.05	264	284040	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	390605	210.59	ng	0.00
7) Phenol-d6	7.24	99	562258	198.29	ng	0.00
23) Nitrobenzene-d5	9.27	82	649895	206.36	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	295541	221.25	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	1358755	186.25	ng	0.00
79) Terphenyl-d14	20.06	244	2288257	174.55	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	92212	119.254	ng	96
3) Pyridine	3.89	79	246072	108.931	ng	96
4) n-Nitrosodimethylamine	3.81	42	142204	121.010	ng	# 91
6) Aniline	7.41	93	374821	101.334	ng	96
8) 2-Chlorophenol	7.64	128	220527	96.096	ng	95
9) Benzaldehyde	7.23	77	131864	73.126	ng	95
10) Phenol	7.27	94	296000	97.220	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	221942	99.526	ng	96
12) 1,3-Dichlorobenzene	7.97	146	277329	100.560	ng	94
13) 1,4-Dichlorobenzene	8.12	146	283650	101.129	ng	95
14) 1,2-Dichlorobenzene	8.44	146	265180	98.695	ng	95
15) Benzyl Alcohol	8.33	79	265193	101.612	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	352039	98.638	ng	99
17) 2-Methylphenol	8.53	107	209947	95.451	ng	97
18) Hexachloroethane	9.17	117	110174	100.245	ng	97
19) n-Nitroso-di-n-propylamine	8.90	70	213790	98.506	ng	98
20) 3+4-Methylphenols	8.86	107	283828	93.748	ng	95
22) Acetophenone	8.92	105	400223	105.807	ng	# 99
24) Nitrobenzene	9.31	77	331300	104.922	ng	99
25) Isophorone	9.83	82	584174	105.236	ng	97
26) 2-Nitrophenol	10.02	139	139725	104.572	ng	98
27) 2,4-Dimethylphenol	10.06	122	205736	101.292	ng	96
28) bis(2-Chloroethoxy)methane	10.31	93	309501	102.992	ng	98
29) 2,4-Dichlorophenol	10.55	162	260380	100.150	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	318258	101.383	ng	99
31) Naphthalene	10.96	128	740159	102.141	ng	100
32) Benzoic acid	10.26	122	161618	223.858	ng	97
33) 4-Chloroaniline	11.08	127	321926	101.727	ng	97
34) Hexachlorobutadiene	11.22	225	247605	102.378	ng	99
35) Caprolactam	11.90	113	66967	90.262	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	282065	102.498	ng	98
37) 2-Methylnaphthalene	12.56	142	539342	99.236	ng	96
38) 1-Methylnaphthalene	12.77	142	508576	99.226	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	402814	95.873	ng	99

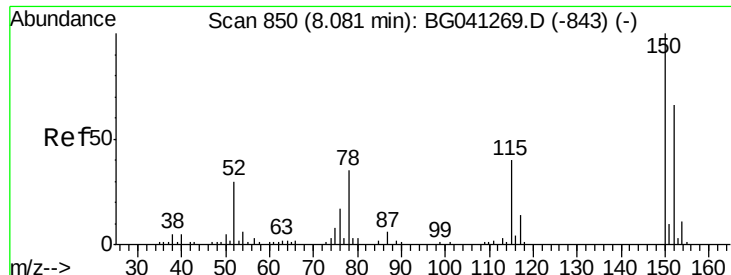
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041273.D
 Acq On : 17 Jun 2019 13:42
 Operator : HP/JU
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 BNA_G
 ClientSampleId :

Quant Time: Jun 17 14:39:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 13:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	281110	153.700	nq	98
43) 2,4,6-Trichlorophenol	13.16	196	248740	98.388	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	257173	101.739	nq	99
46) 1,1'-Biphenyl	13.55	154	721148	96.574	nq	97
47) 2-Chloronaphthalene	13.61	162	629464	96.562	nq	99
48) 2-Nitroaniline	13.82	65	237516	105.408	nq	94
49) Acenaphthylene	14.45	152	918267	98.173	nq	98
50) Dimethylphthalate	14.18	163	824357	101.284	nq	99
51) 2,6-Dinitrotoluene	14.31	165	182430	104.470	nq	96
52) Acenaphthene	14.79	154	556362	99.364	nq	94
53) 3-Nitroaniline	14.64	138	182896	108.396	nq	98
54) 2,4-Dinitrophenol	14.84	184	131297	379.180	nq	96
55) Dibenzofuran	15.12	168	932262	98.389	nq	99
56) 4-Nitrophenol	14.94	139	134820	149.622	nq	98
57) 2,4-Dinitrotoluene	15.09	165	267638	110.477	nq	94
58) Fluorene	15.76	166	741474	100.788	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	244714	105.537	nq	98
60) Diethylphthalate	15.52	149	836910	104.117	nq	98
61) 4-Chlorophenyl-phenylether	15.75	204	484210	100.512	nq	98
62) 4-Nitroaniline	15.81	138	185616	113.110	nq	97
63) Azobenzene	16.05	77	739588	102.091	nq	96
65) 4,6-Dinitro-2-methylphenol	15.85	198	174392	193.399	nq	96
66) n-Nitrosodiphenylamine	15.98	169	657573	95.615	nq	98
67) 4-Bromophenyl-phenylether	16.65	248	328486	100.292	nq	96
68) Hexachlorobenzene	16.76	284	344235	96.665	nq	97
69) Atrazine	16.91	200	99699	45.568	nq	92
70) Pentachlorophenol	17.11	266	181007	146.757	nq	99
71) Phenanthrene	17.51	178	1274923	97.883	nq	97
72) Anthracene	17.60	178	1250559	96.868	nq	97
73) Carbazole	17.87	167	1113796	101.034	nq	98
74) Di-n-butylphthalate	18.40	149	1369832	100.016	nq	98
75) Fluoranthene	19.51	202	1647154	99.451	nq	94
77) Benzidine	19.70	184	403319	101.067	nq	98
78) Pyrene	19.88	202	1630973	92.434	nq	95
80) Butylbenzylphthalate	20.74	149	664632	98.386	nq	95
81) Benzo(a)anthracene	21.72	228	1677226	98.678	nq	95
82) 3,3'-Dichlorobenzidine	21.64	252	606135	115.958	nq	98
83) Chrysene	21.79	228	1605677	95.575	nq	95
84) Bis(2-ethylhexyl)phthalate	21.59	149	910622	96.807	nq	# 98
85) Di-n-octyl phthalate	22.82	149	1534867	98.287	nq	98
86) Indeno(1,2,3-cd)pyrene	28.87	276	2058417	204.069	nq	98
88) Benzo(b)fluoranthene	24.00	252	1711916	98.651	nq	96
89) Benzo(k)fluoranthene	24.07	252	1678980	81.041	nq	97
90) Benzo(a)pyrene	24.91	252	1649481	97.569	nq	98
91) Dibenzo(a,h)anthracene	28.94	278	1647167	169.809	nq	97
92) Benzo(g,h,i)perylene	30.09	276	1647939	197.480	nq	96

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

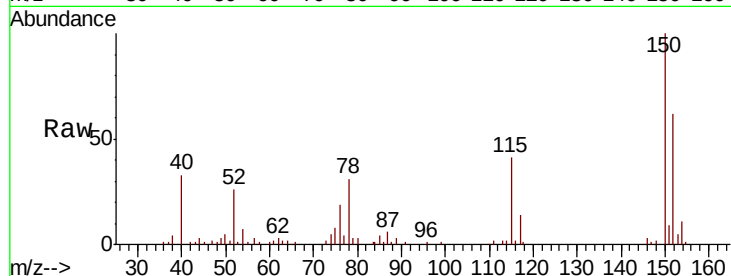


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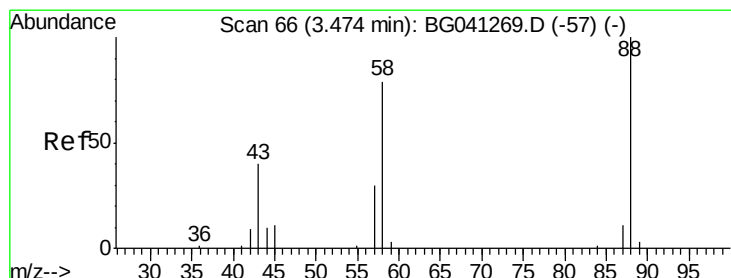
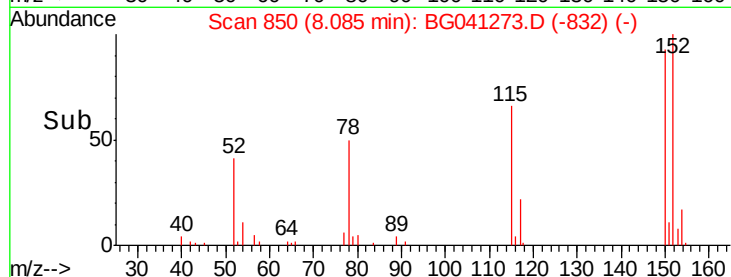
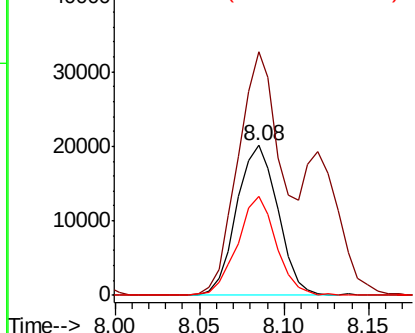
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 34177
Ion Ratio Lower Upper
152 100
150 162.5 120.6 181.0
115 66.2 47.9 71.9



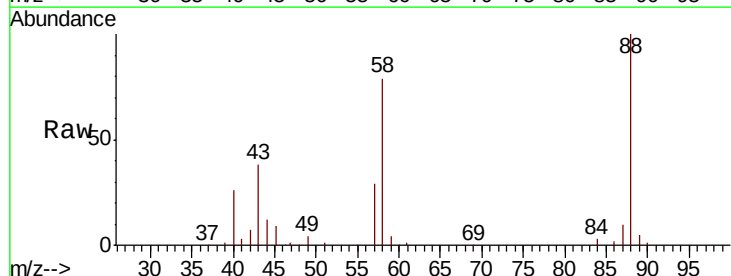
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



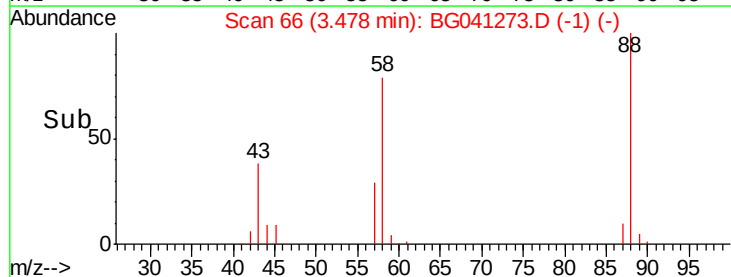
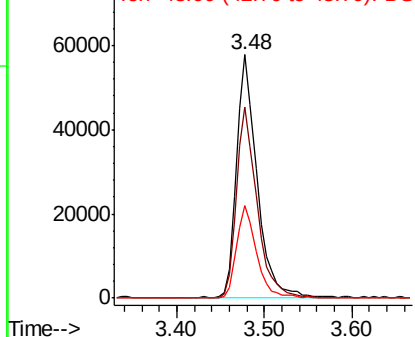
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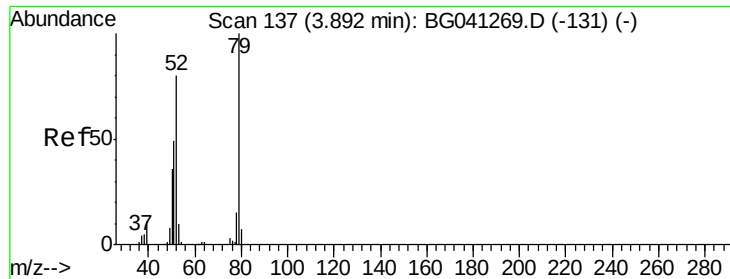
1,4-Dioxane
Concen: 119.254 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion: 88 Resp: 92212
Ion Ratio Lower Upper
88 100
58 78.0 59.7 89.5
43 36.9 31.9 47.9



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: 108.931 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

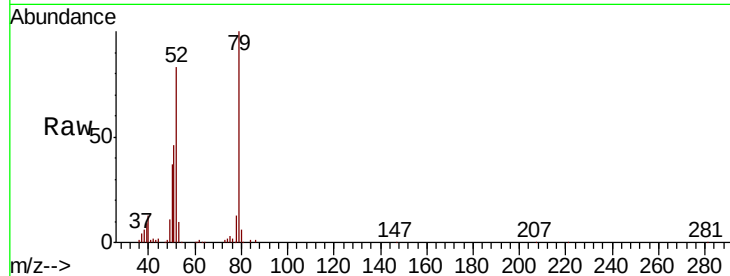
Tot Ion: 79 Resp: 246072

Ion Ratio Lower Upper

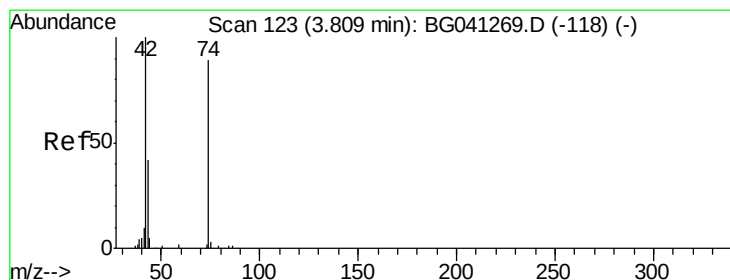
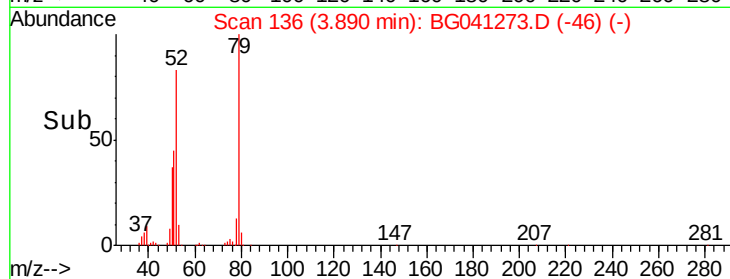
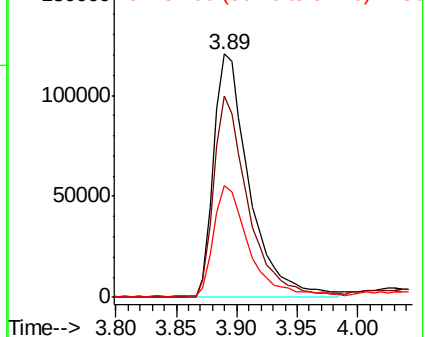
79 100

52 82.8 63.6 95.4

51 46.0 39.8 59.6



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: 121.010 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

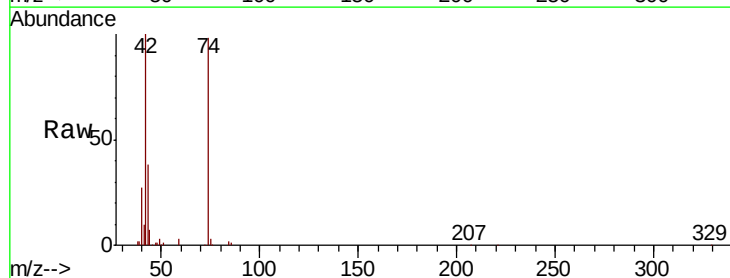
Tgt Ion: 42 Resp: 142204

Ion Ratio Lower Upper

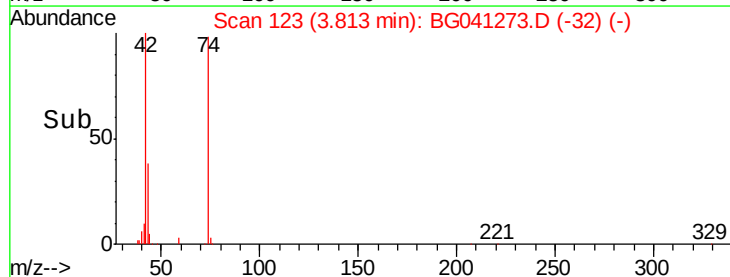
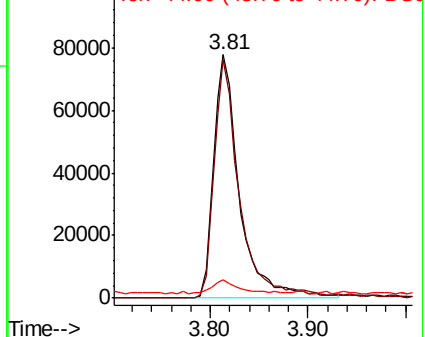
42 100

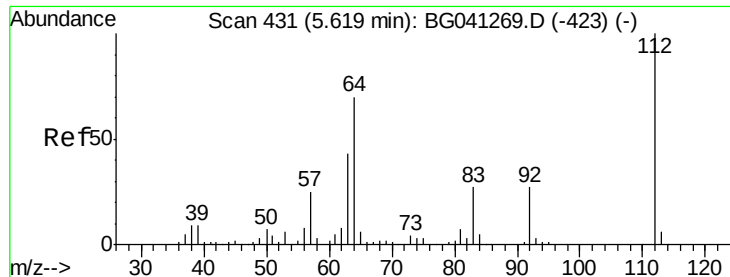
74 98.0 71.6 107.4

44 7.4 9.0 13.4#



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: 210.591 ng

RT: 5.62 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampled :

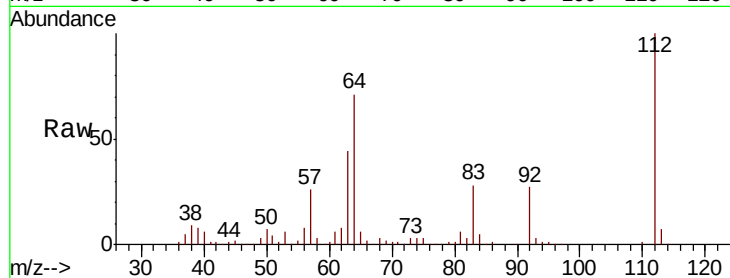
Tot Ion: 112 Resp: 390605

Ion Ratio Lower Upper

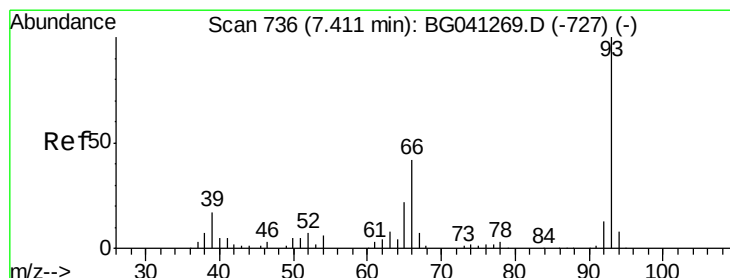
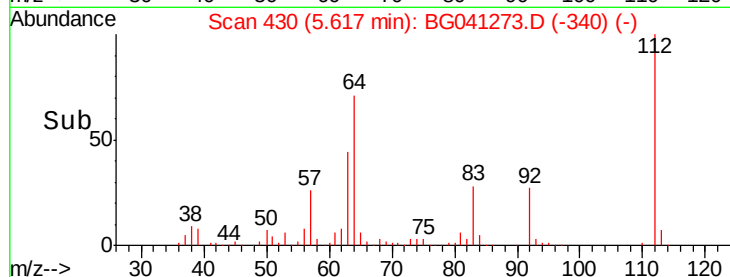
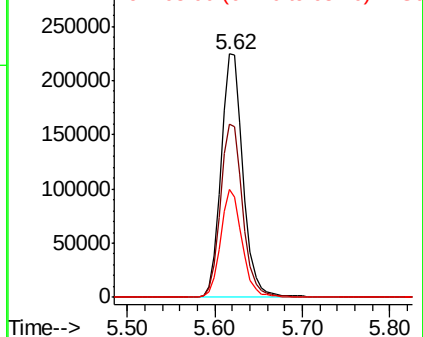
112 100

64 71.3 55.9 83.9

63 44.4 34.6 51.8



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: 101.334 ng

RT: 7.41 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

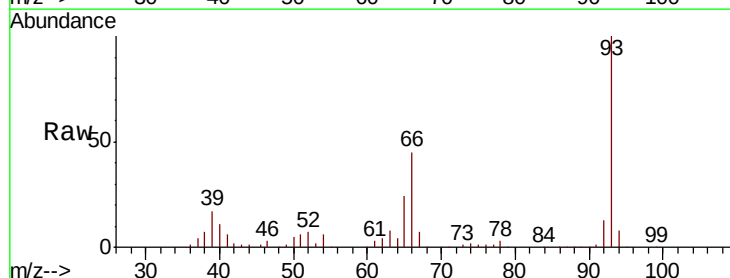
Tgt Ion: 93 Resp: 374821

Ion Ratio Lower Upper

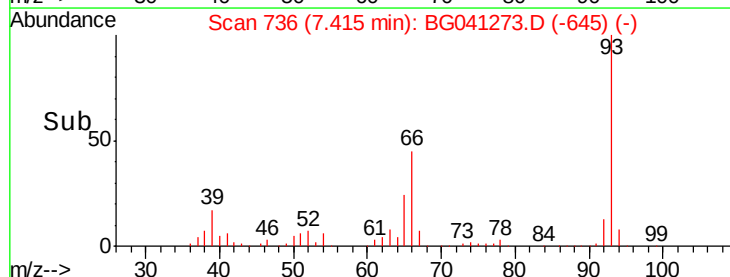
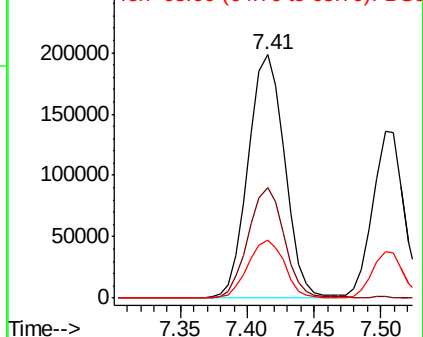
93 100

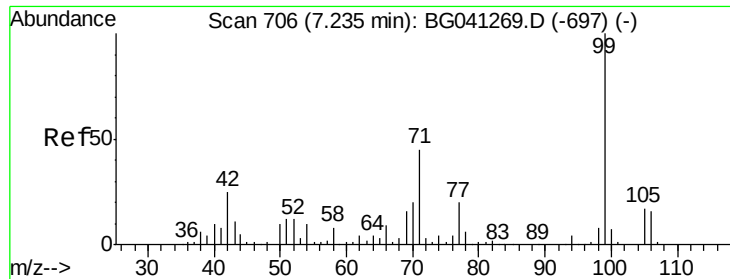
66 45.3 34.2 51.2

65 23.6 17.7 26.5



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: 198.292 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

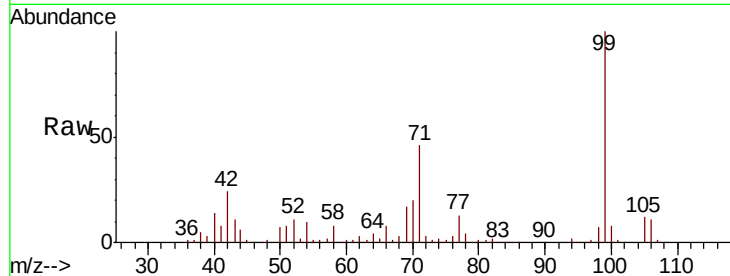
Tot Ion: 99 Resp: 562258

Ion Ratio Lower Upper

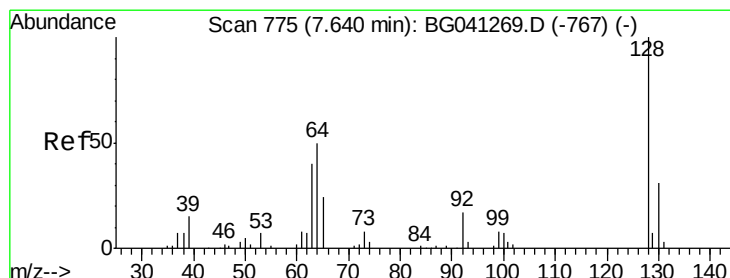
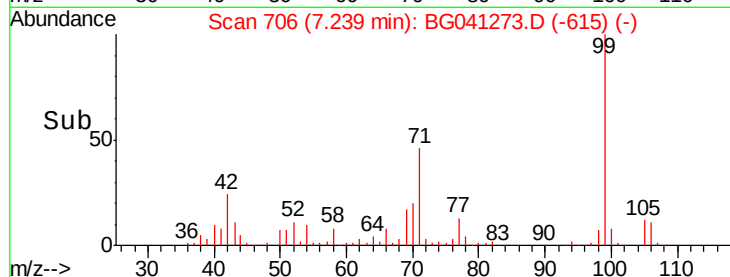
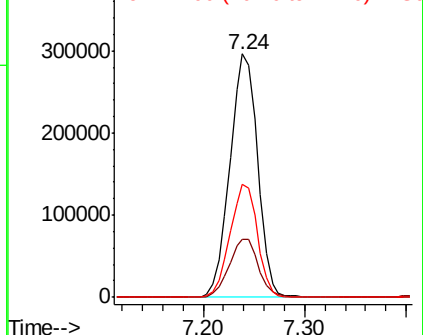
99 100

42 23.9 19.9 29.9

71 46.3 36.4 54.6



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: 96.096 ng

RT: 7.64 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

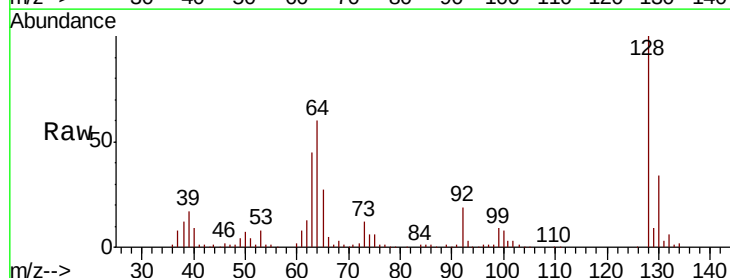
Tgt Ion: 128 Resp: 220527

Ion Ratio Lower Upper

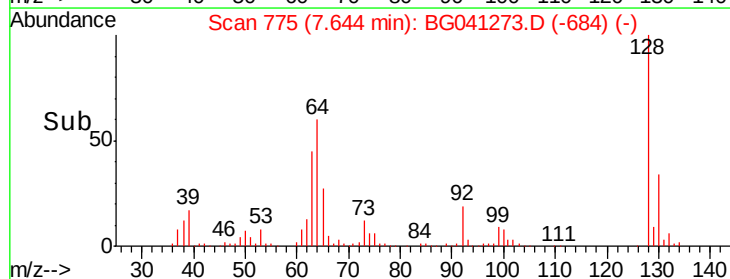
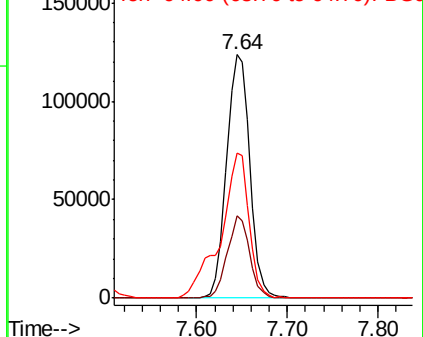
128 100

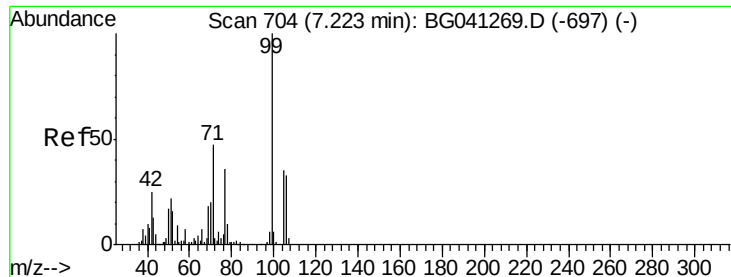
130 34.0 11.1 51.1

64 59.8 36.6 76.6



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: 73.126 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

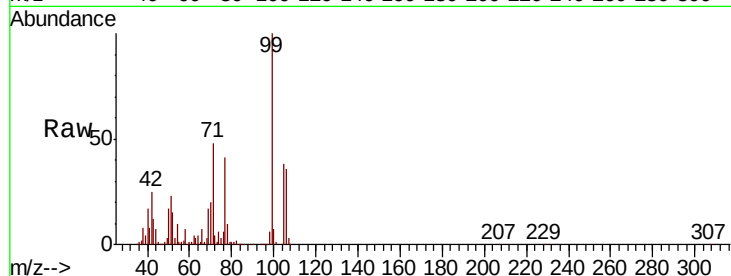
Tot Ion: 77 Resp: 131864

Ion Ratio Lower Upper

77 100

105 93.4 78.7 118.7

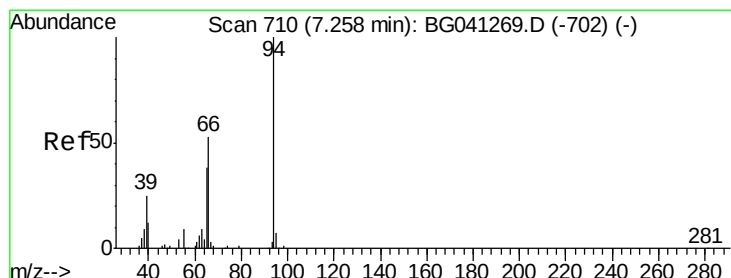
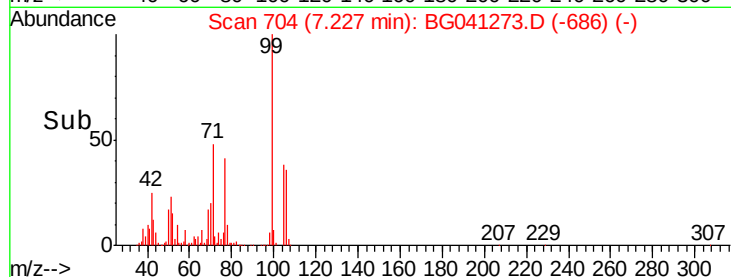
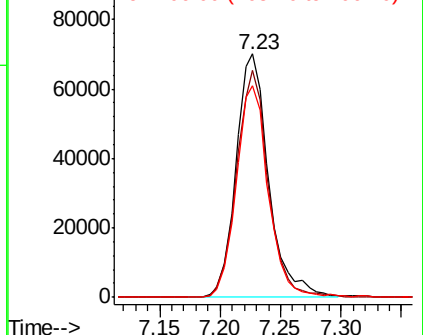
106 87.1 71.1 111.1



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: 97.220 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

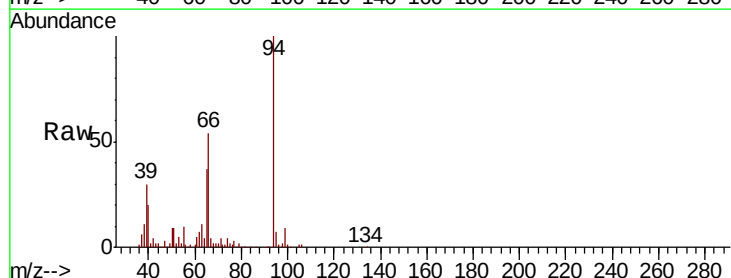
Tgt Ion: 94 Resp: 296000

Ion Ratio Lower Upper

94 100

65 37.2 18.7 58.7

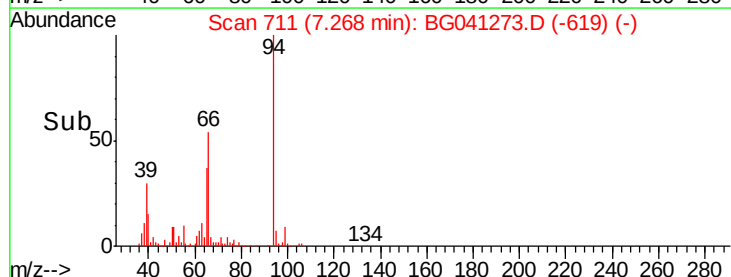
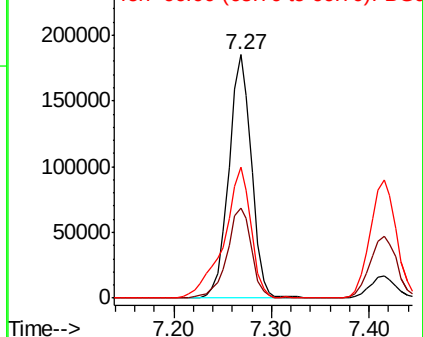
66 53.8 35.5 75.5

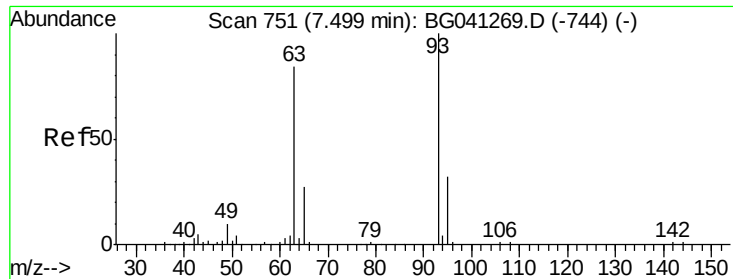


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

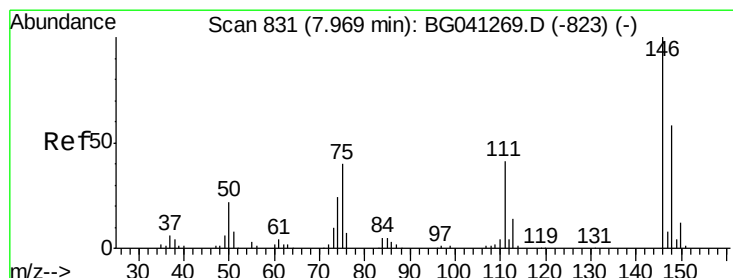
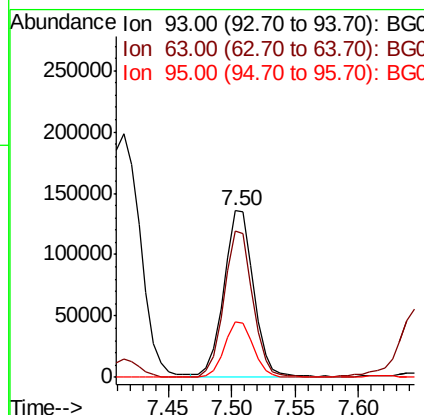
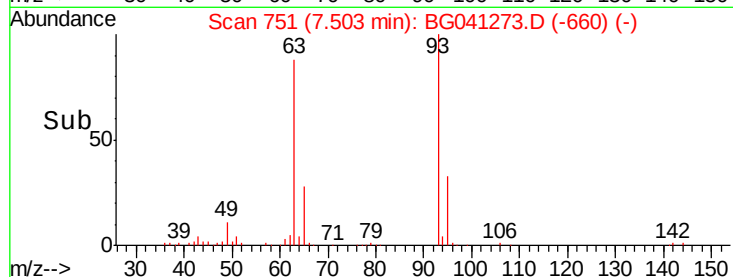
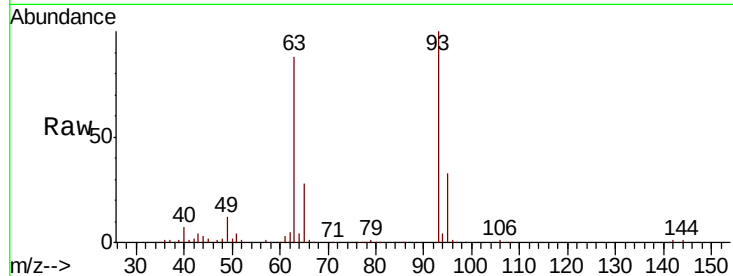




#11
bis(2-Chloroethyl)ether
Concen: 99.526 ng
RT: 7.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

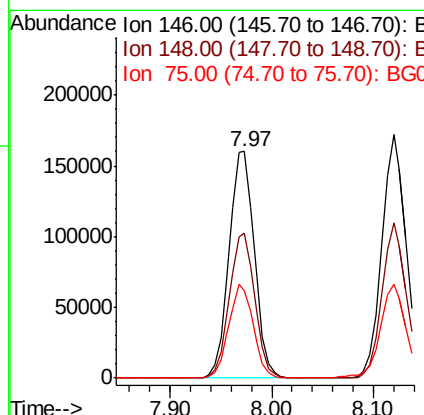
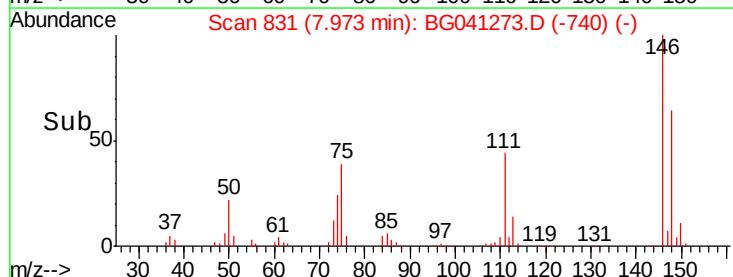
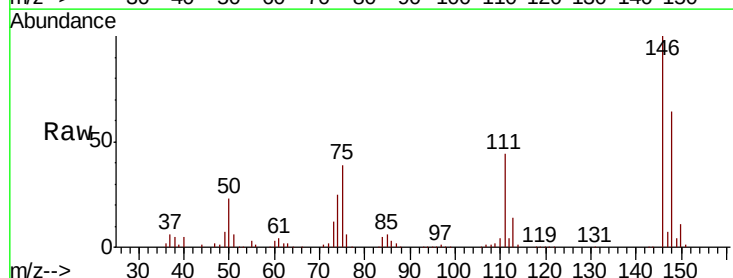
Instrument :
BNA_G
ClientSampleId :

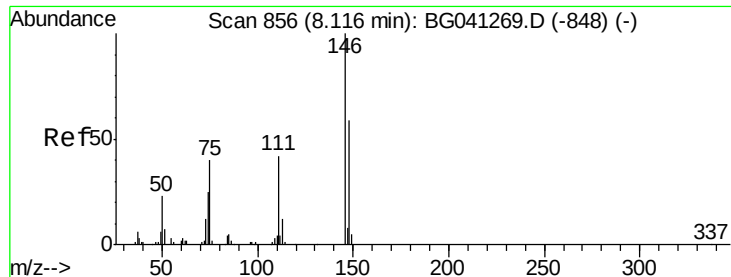
Tot Ion: 93 Resp: 221942
Ion Ratio Lower Upper
93 100
63 88.0 63.6 103.6
95 33.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 100.560 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion: 146 Resp: 277329
Ion Ratio Lower Upper
146 100
148 63.9 46.5 69.7
75 38.7 32.2 48.4

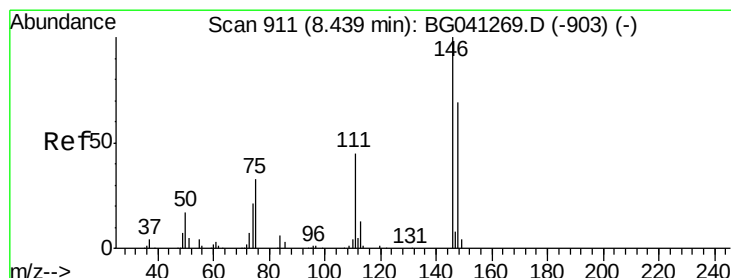
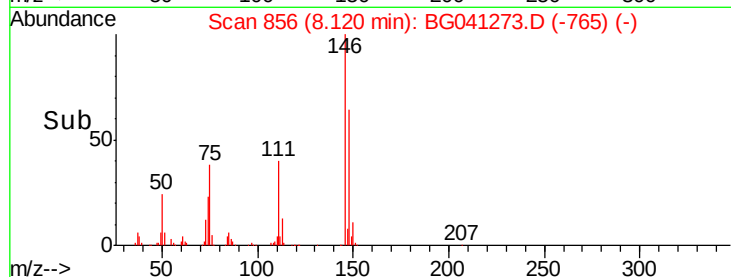
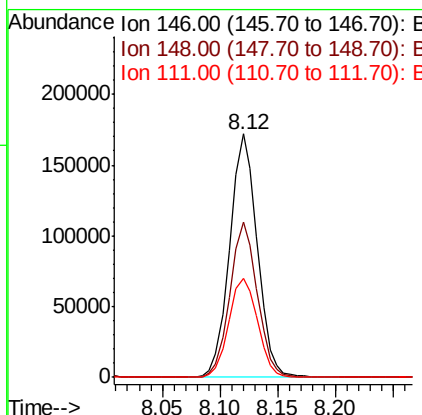
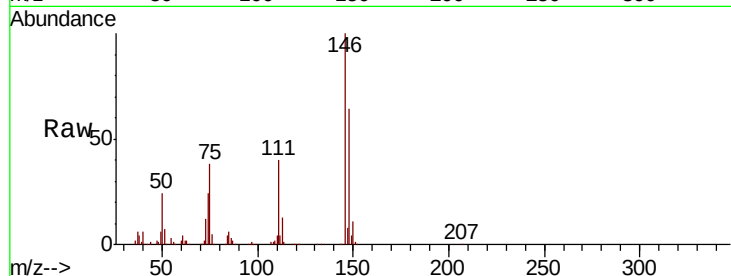




#13
 1,4-Dichlorobenzene
 Concen: 101.129 ng
 RT: 8.12 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

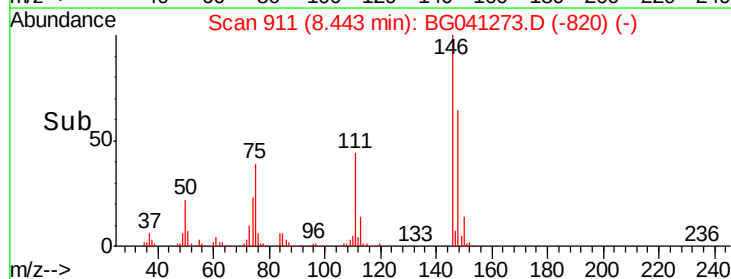
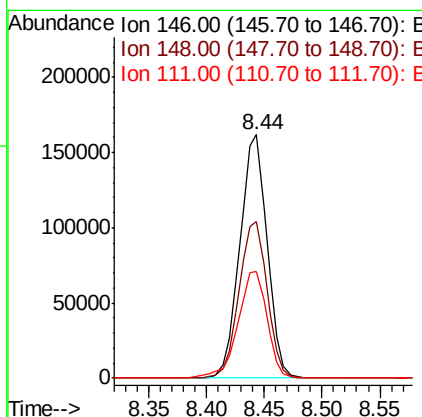
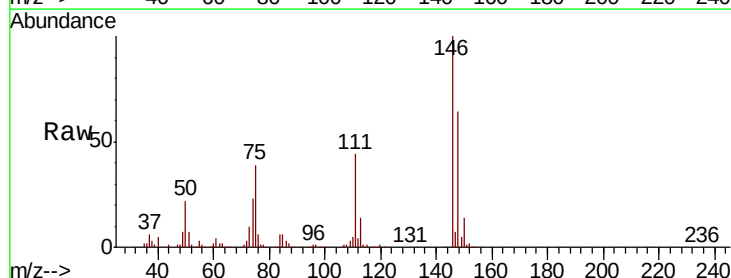
Instrument :
 BNA_G
 ClientSampleId :

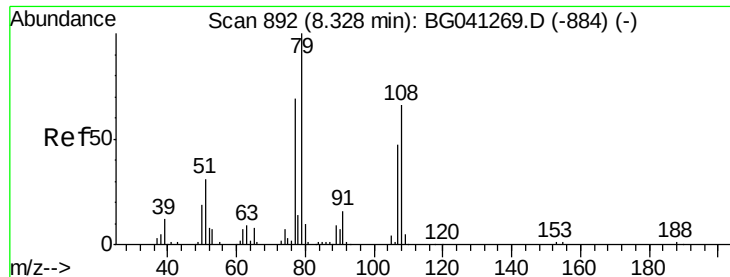
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	47.3	70.9
111	40.5	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 98.695 ng
 RT: 8.44 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	54.9	82.3
111	44.0	37.0	55.6





#15

Benzyl Alcohol

Concen: 101.612 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampled :

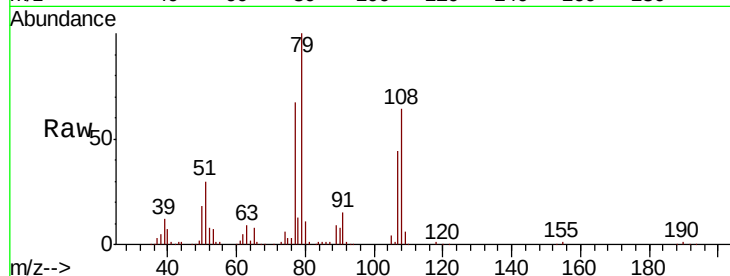
Tot Ion: 79 Resp: 265193

Ion Ratio Lower Upper

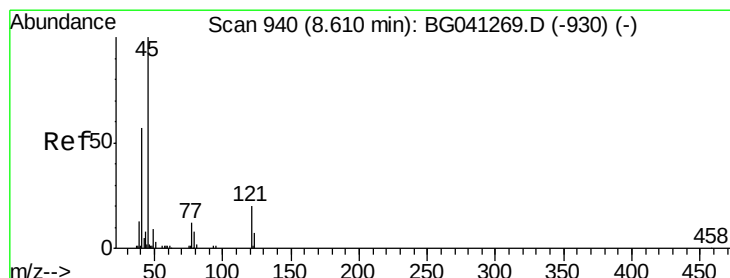
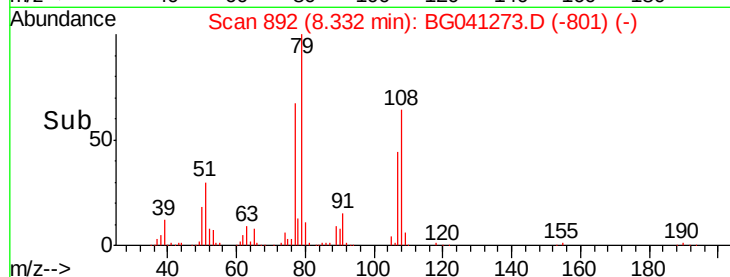
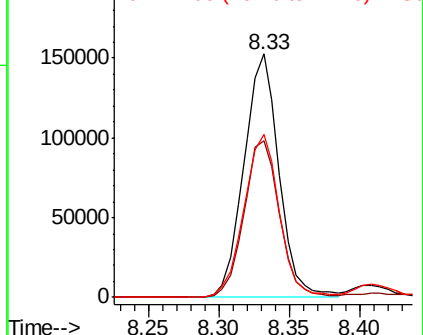
79 100

108 64.1 52.7 79.1

77 66.9 55.2 82.8



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: 98.638 ng

RT: 8.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

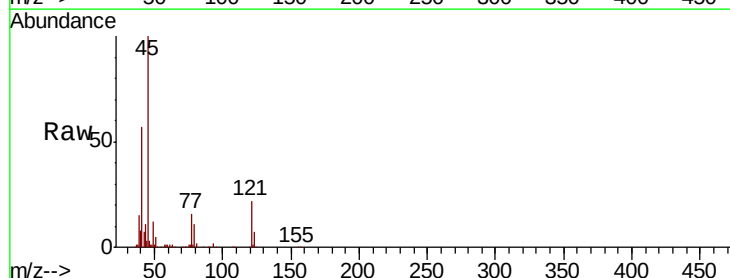
Tgt Ion: 45 Resp: 352039

Ion Ratio Lower Upper

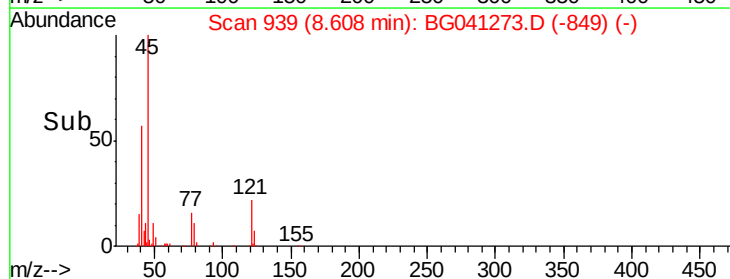
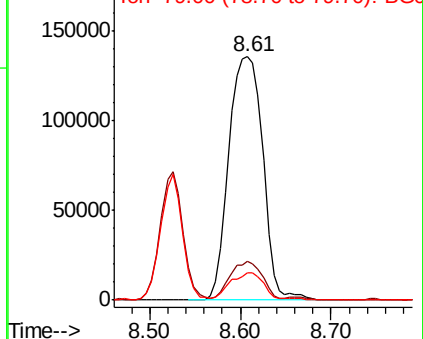
45 100

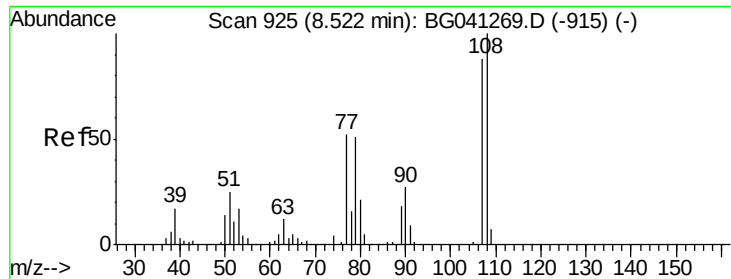
77 16.0 0.0 35.2

79 11.4 0.0 31.6



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

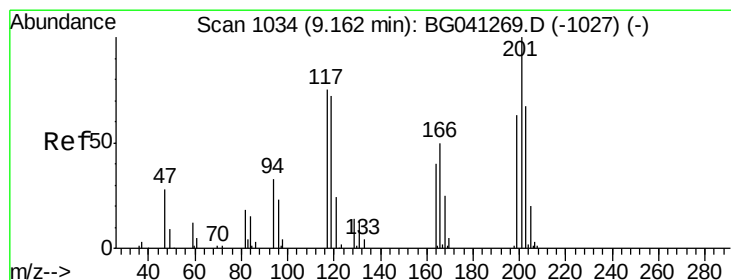
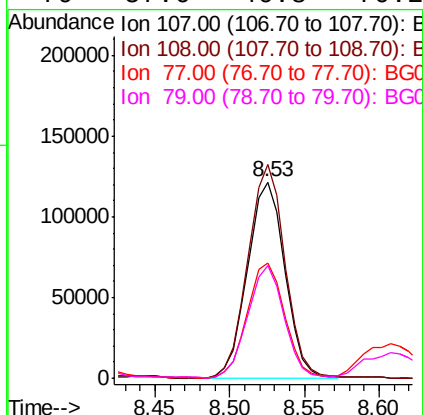
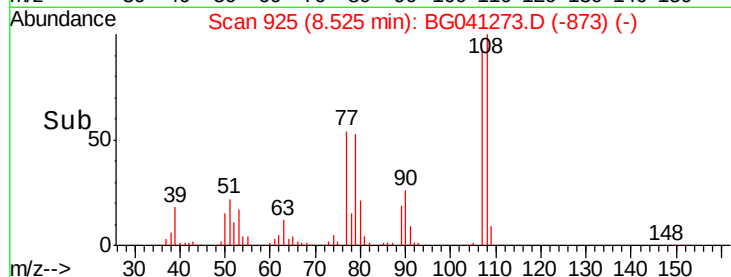
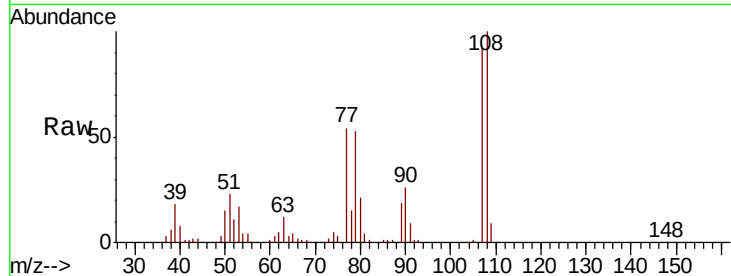




#17
2-Methylphenol
Concen: 95.451 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

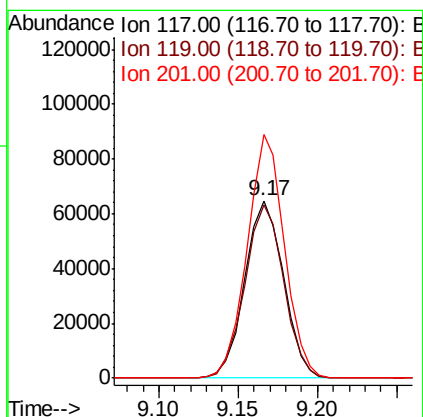
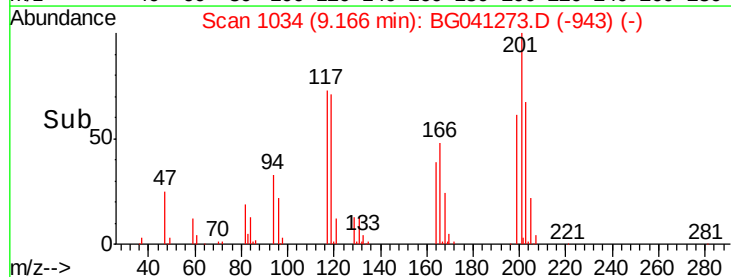
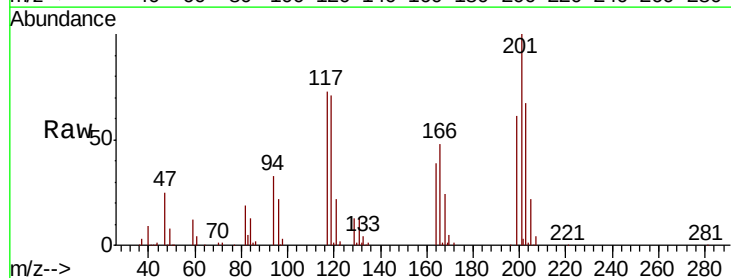
Instrument :
BNA_G
ClientSampleId :

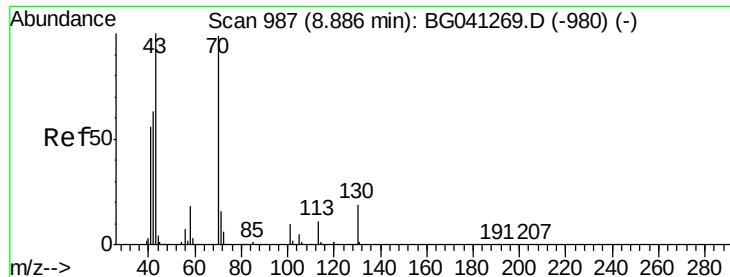
Tot Ion:	107	Resp:	209947
Ion	Ratio	Lower	Upper
107	100		
108	108.9	91.7	137.5
77	59.0	47.8	71.8
79	57.6	46.8	70.2



#18
Hexachloroethane
Concen: 100.245 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion:	117	Resp:	110174
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.8	115.2
201	137.1	106.3	159.5

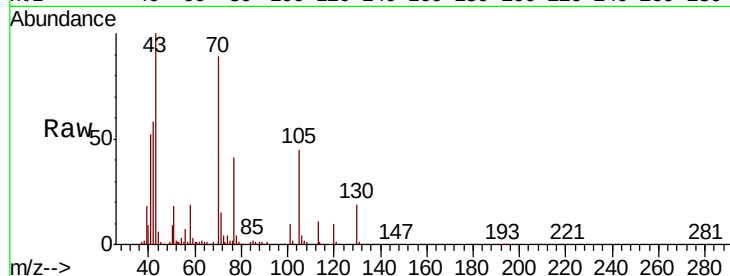




#19
n-Nitroso-di-n-propylamine
Concen: 98.506 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.02 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	213790
Ion	Ratio	Lower	Upper
70	100		
42	65.4	51.4	77.2
101	11.7	8.2	12.2
130	20.8	15.2	22.8



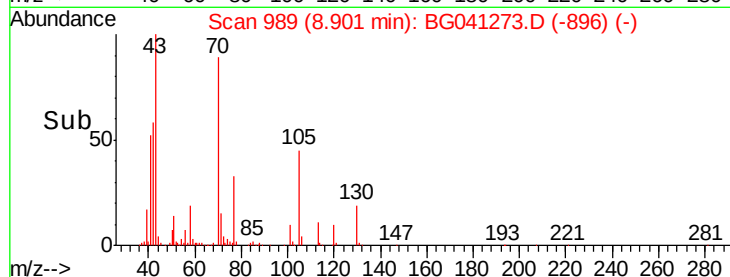
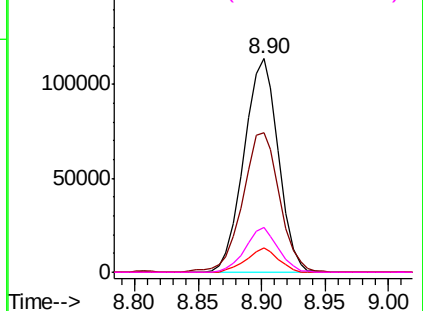
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

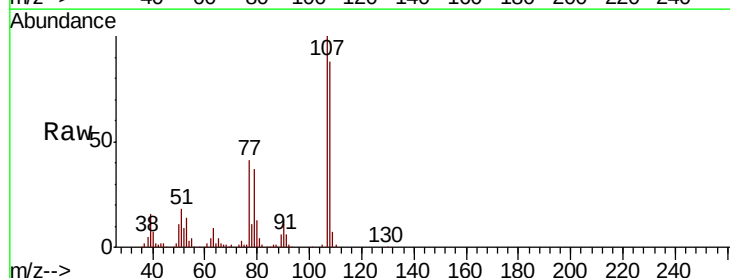
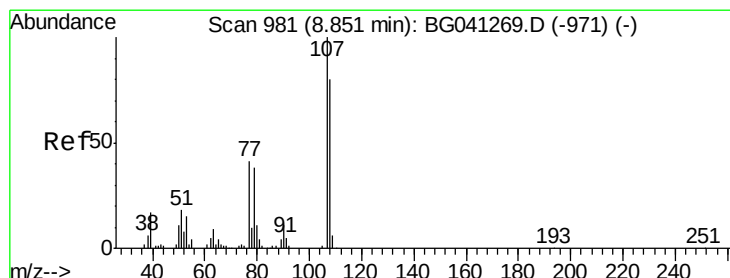
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 93.748 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion:	107	Resp:	283828
Ion	Ratio	Lower	Upper
107	100		
108	87.6	60.4	100.4
77	41.4	21.2	61.2
79	36.9	17.7	57.7



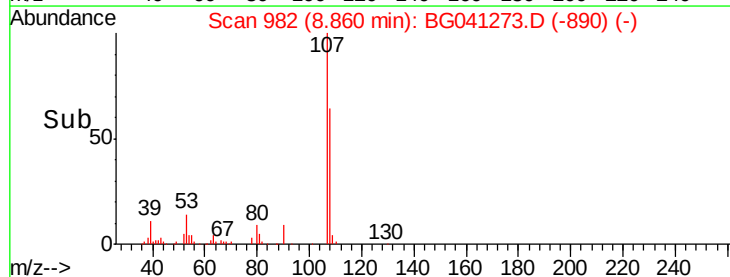
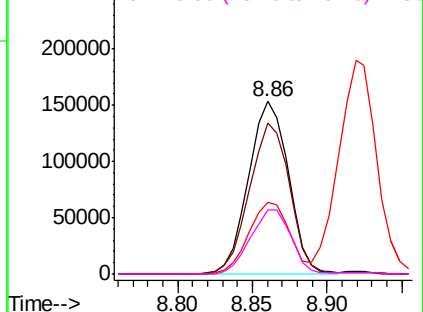
Abundance

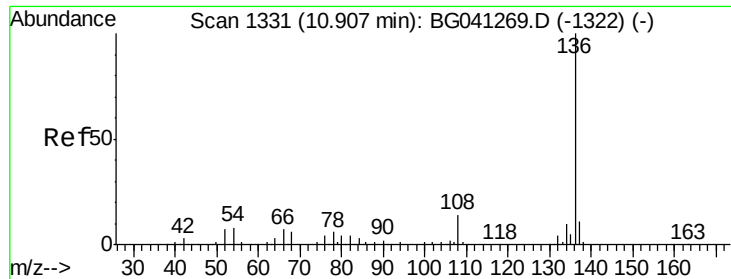
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 136678

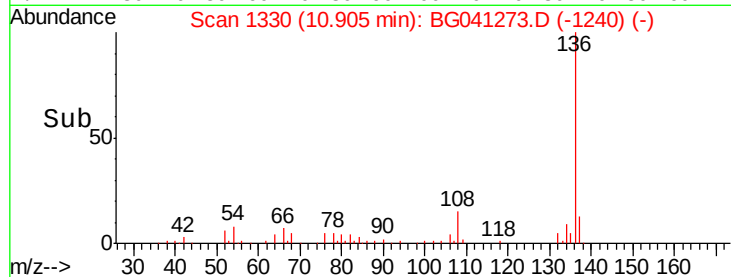
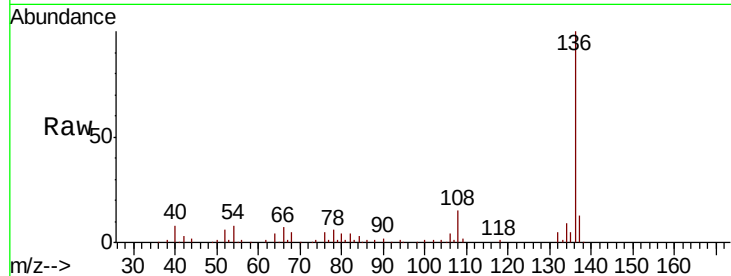
Ion Ratio Lower Upper

136 100

137 12.9 8.8 13.2

54 8.1 6.4 9.6

68 4.8 4.8 7.2

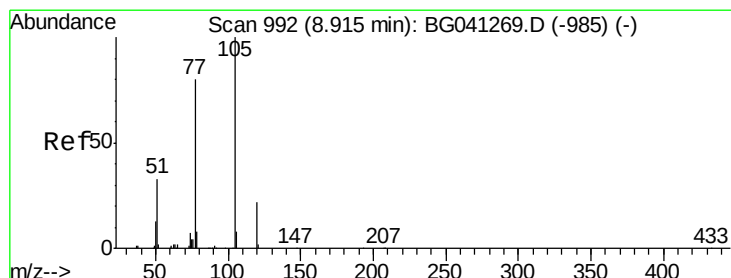
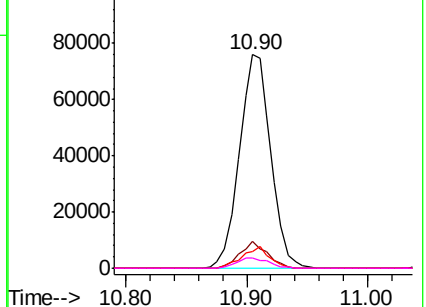


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.807 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Tgt Ion:105 Resp: 400223

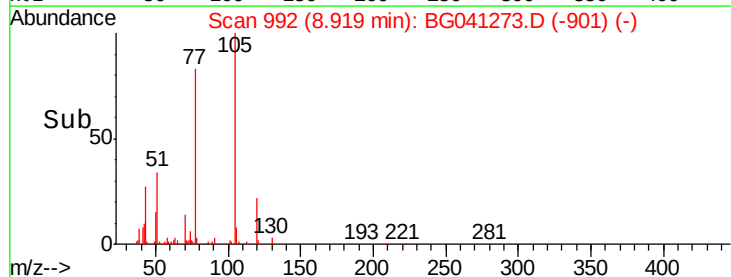
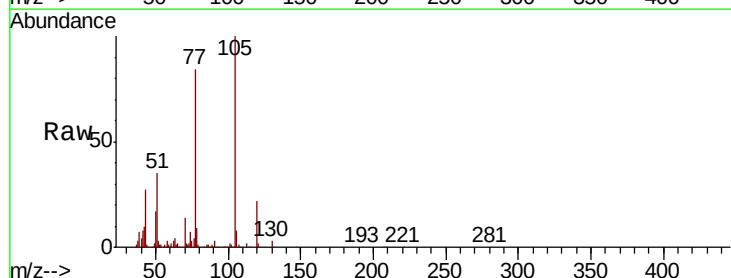
Ion Ratio Lower Upper

105 100

71 2.2 0.4 0.6#

51 34.6 28.2 42.4

120 22.1 17.4 26.0

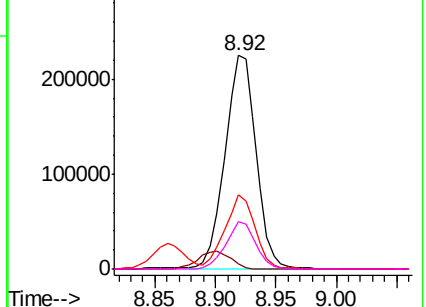


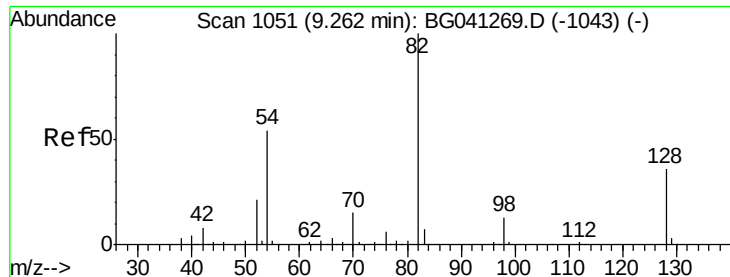
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

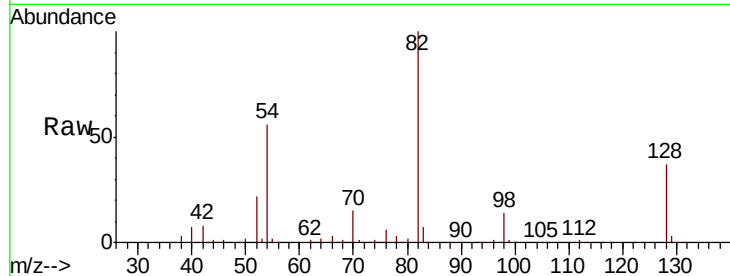




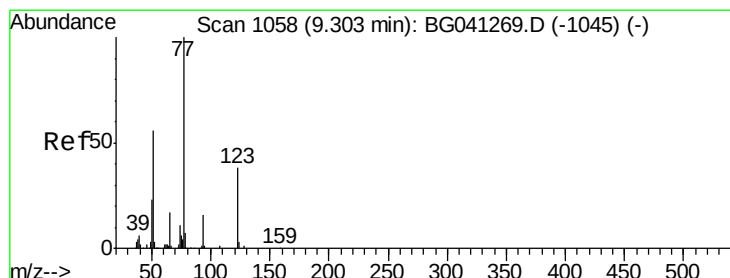
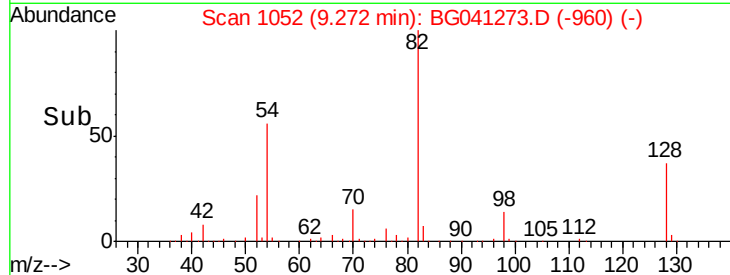
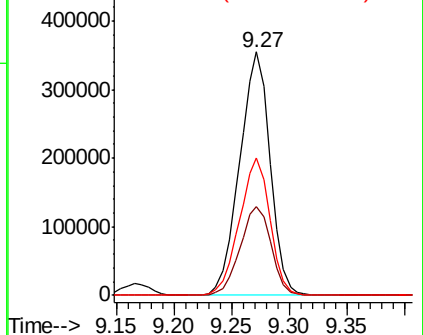
#23
 Nitrobenzene-d5
 Concen: 206.361 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82.00	Resp	649895
Ion Ratio	100	Lower	Upper
128	36.7	29.2	43.8
54	56.2	43.4	65.0

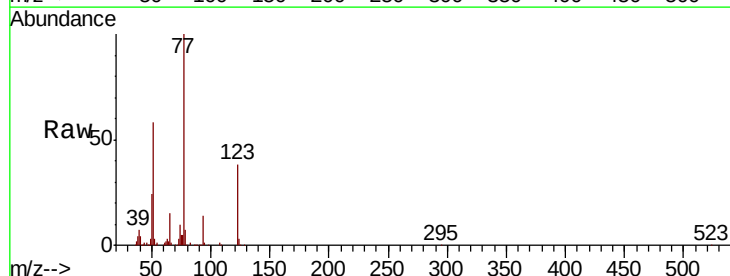


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

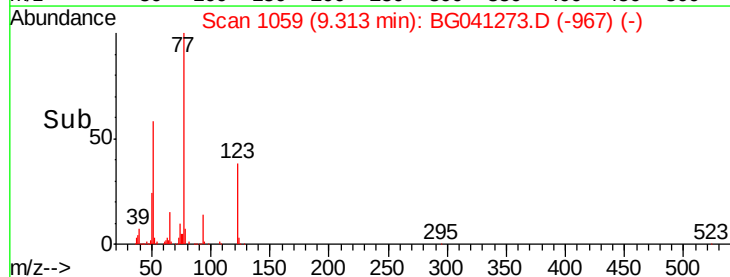
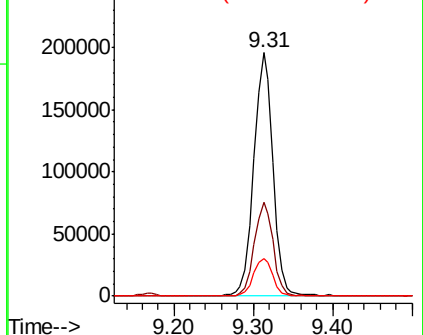


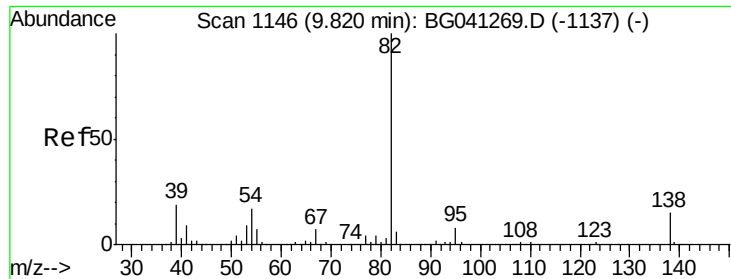
#24
 Nitrobenzene
 Concen: 104.922 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Tgt Ion	77.00	Resp	331300
Ion Ratio	100	Lower	Upper
123	38.3	30.4	45.6
65	15.4	13.3	19.9



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





#25

Isophorone

Concen: 105.236 ng

RT: 9.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

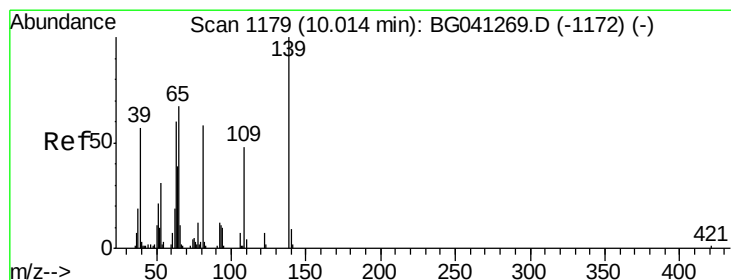
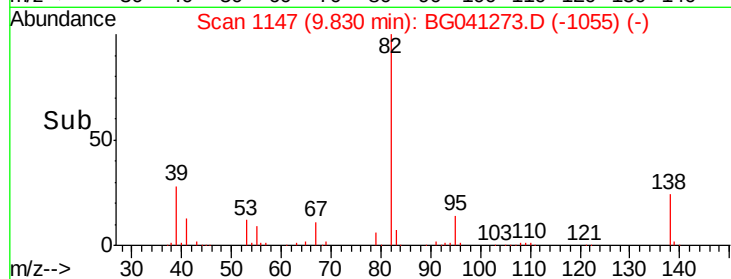
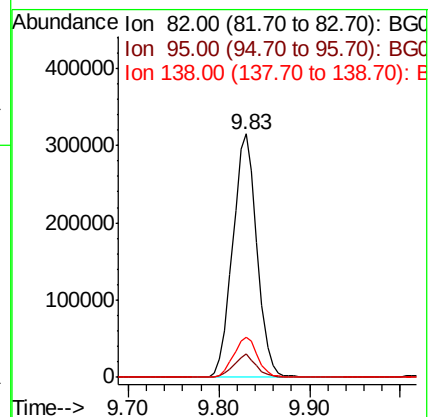
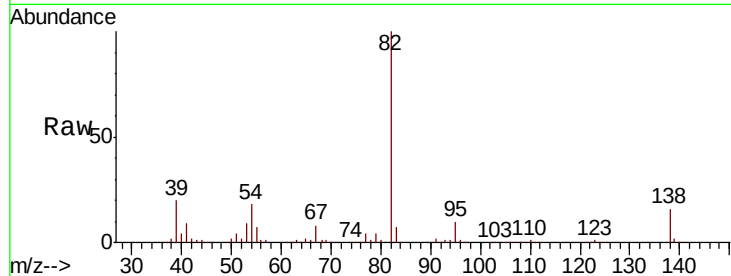
Tot Ion: 82 Resp: 584174

Ion Ratio Lower Upper

82 100

95 9.8 6.6 10.0

138 16.4 12.3 18.5



#26

2-Nitrophenol

Concen: 104.572 ng

RT: 10.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

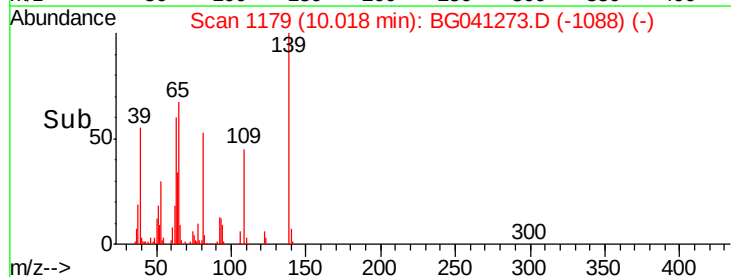
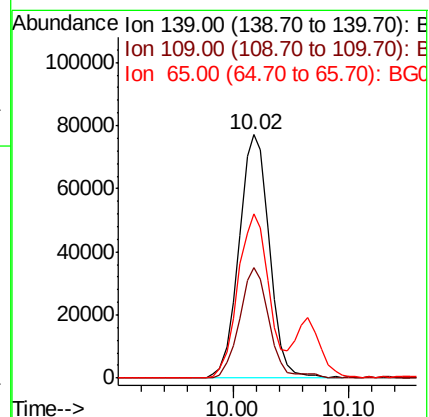
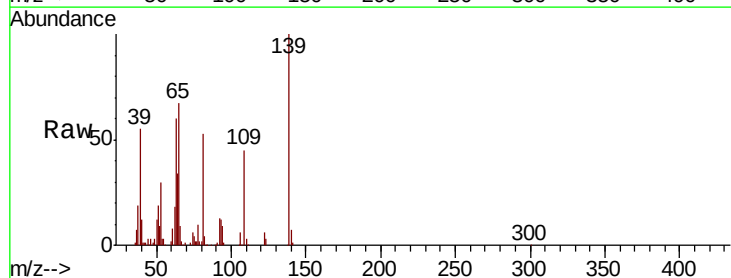
Tgt Ion: 139 Resp: 139725

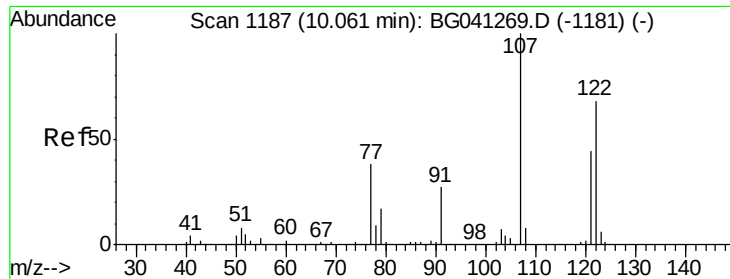
Ion Ratio Lower Upper

139 100

109 45.5 38.4 57.6

65 67.3 53.6 80.4

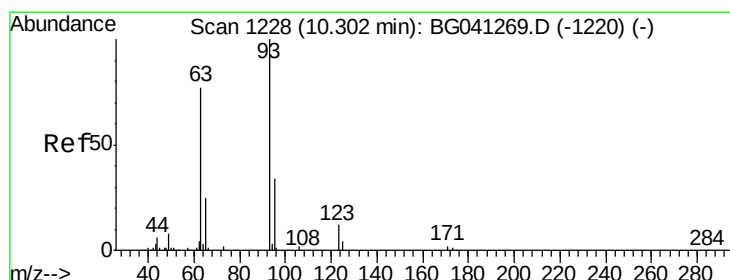
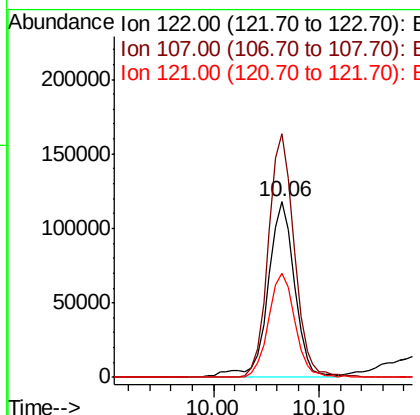
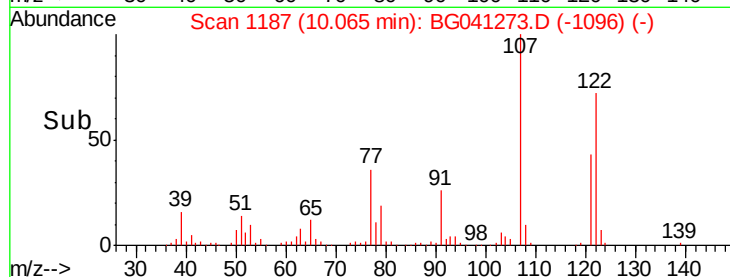
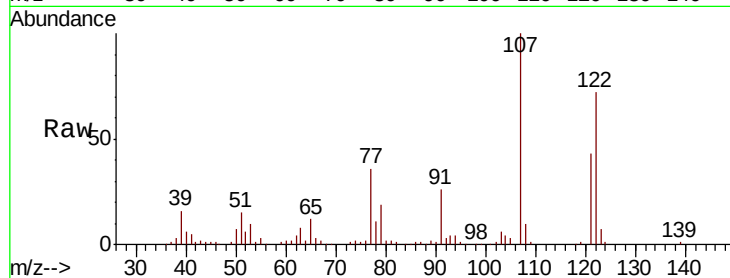




#27
2,4-Dimethylphenol
Concen: 101.292 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

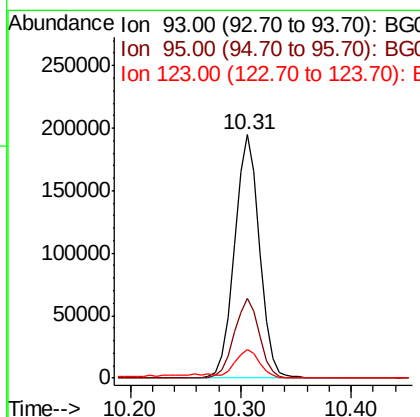
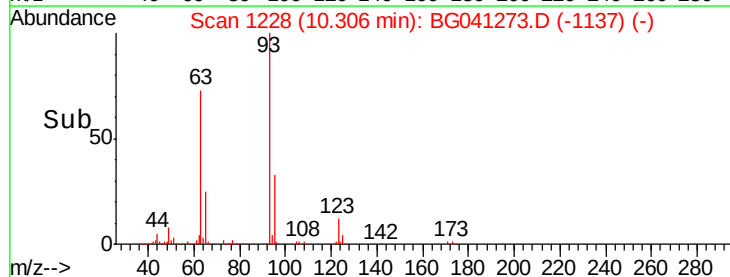
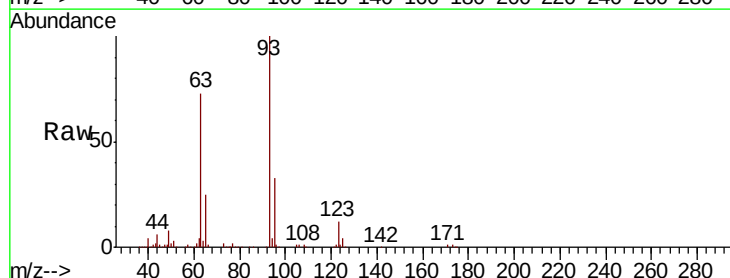
Instrument :
BNA_G
ClientSampleId :

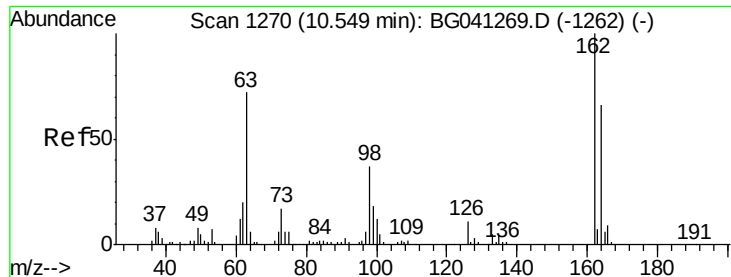
Tot Ion:122 Resp: 205736
Ion Ratio Lower Upper
122 100
107 138.8 115.1 172.7
121 59.0 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 102.992 ng
RT: 10.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion: 93 Resp: 309501
Ion Ratio Lower Upper
93 100
95 32.6 27.3 40.9
123 11.7 9.6 14.4

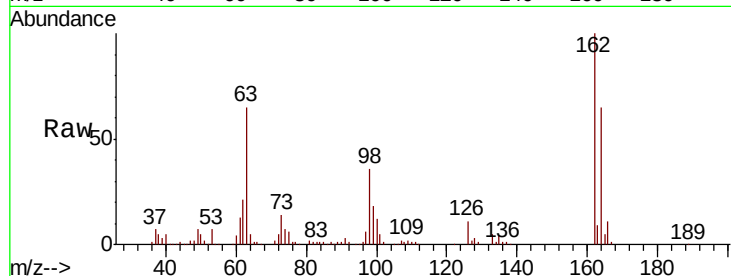




#29
2,4-Dichlorophenol
Concen: 100.150 ng
RT: 10.55 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	46.0	86.0
98	36.0	17.4	57.4

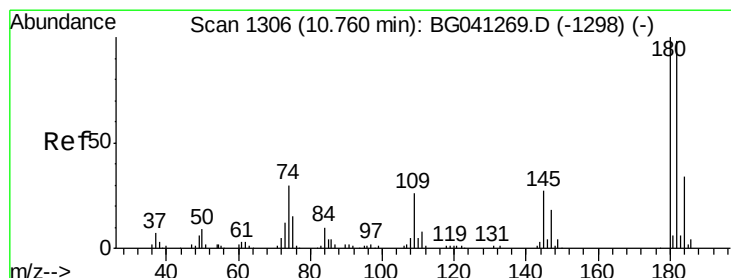
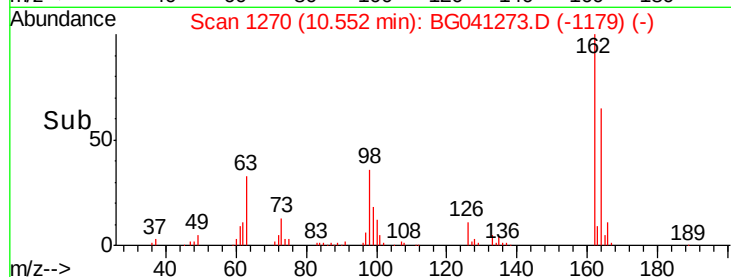
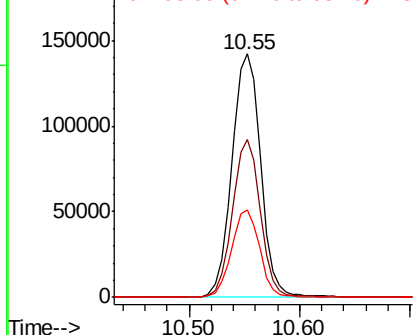


Abundance

Ion 162.00 (161.70 to 162.70): E

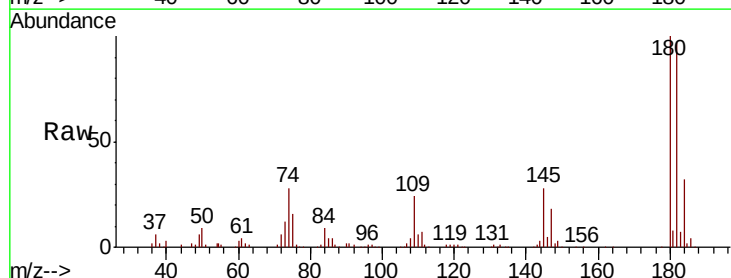
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 101.383 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.6	117.8
145	28.0	21.7	32.5

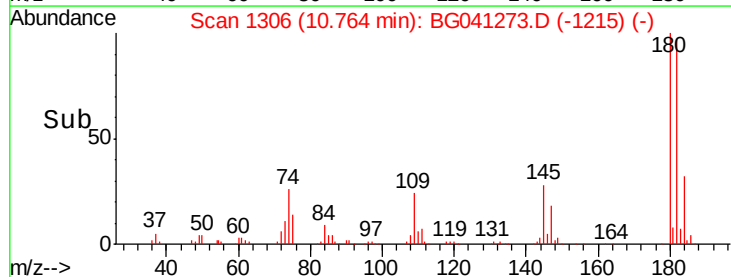
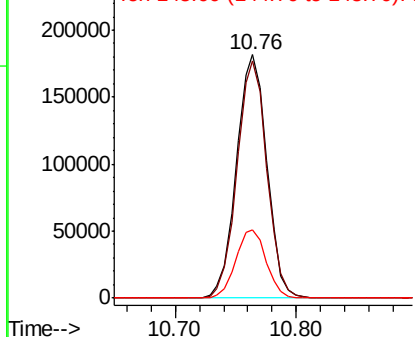


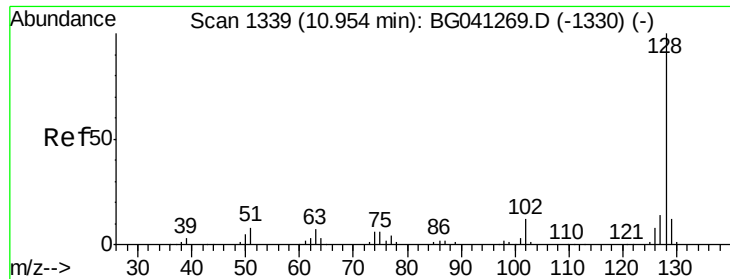
Abundance

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

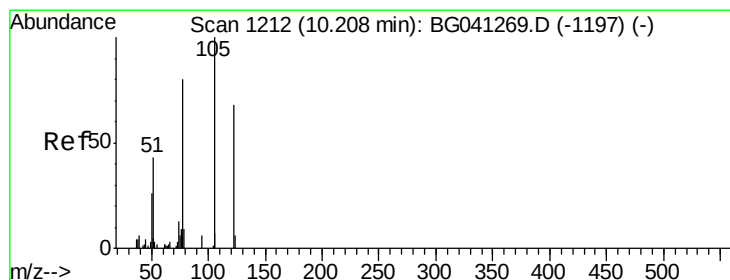
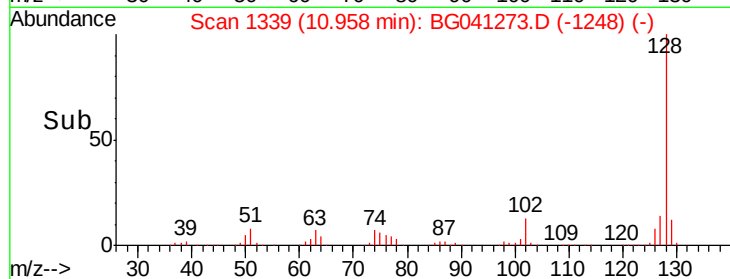
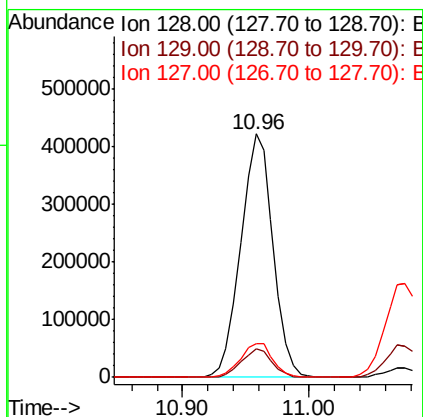
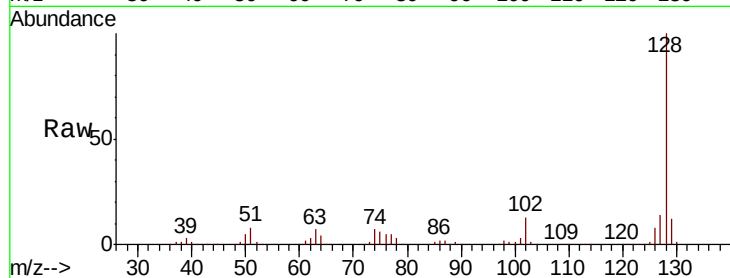




#31
Naphthalene
Concen: 102.141 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

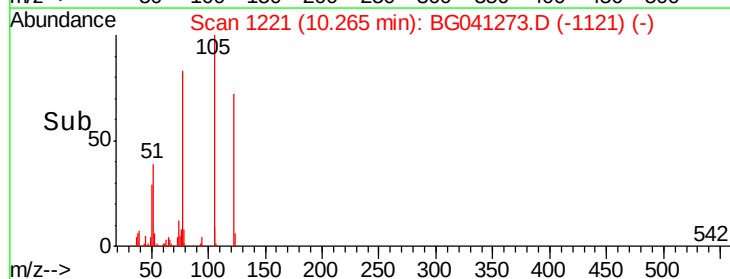
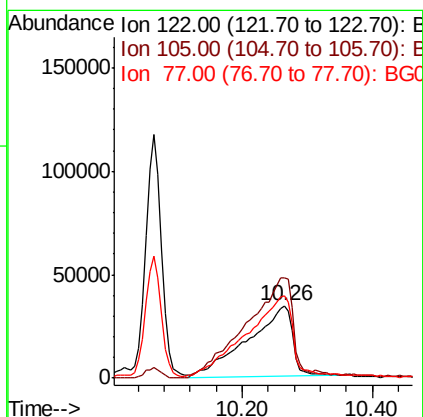
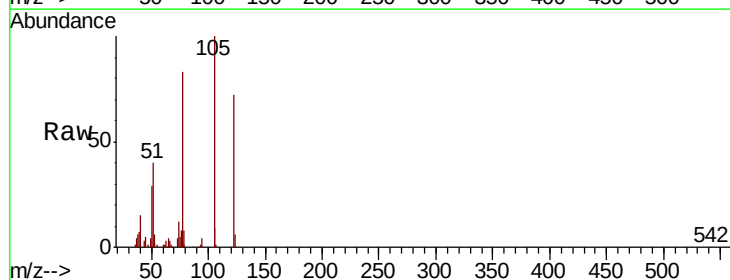
Instrument :
BNA_G
ClientSampled :

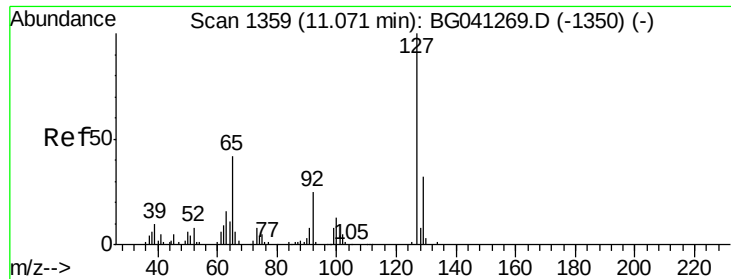
Tot Ion:128 Resp: 740159
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.8 11.2 16.8



#32
Benzoic acid
Concen: 223.858 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.06 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion:122 Resp: 161618
Ion Ratio Lower Upper
122 100
105 138.6 124.2 164.2
77 114.8 97.2 137.2

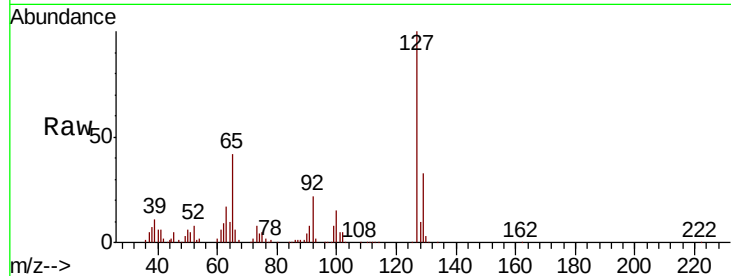




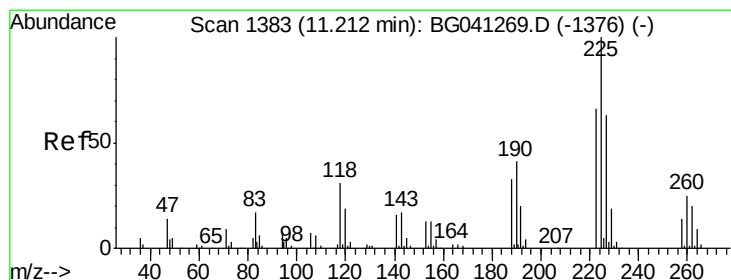
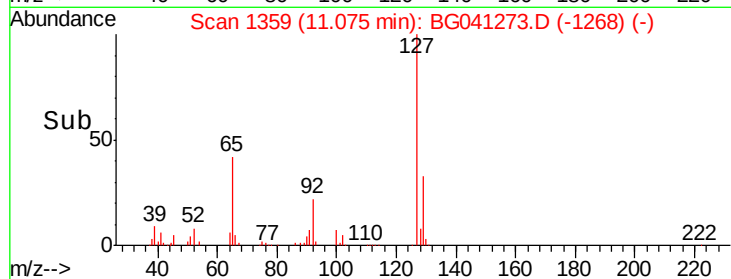
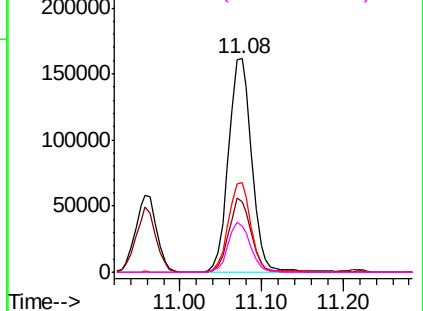
#33
4-Chloroaniline
Concen: 101.727 ng
RT: 11.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	321926
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.8	38.8
65	42.0	33.8	50.8
92	21.9	20.2	30.4

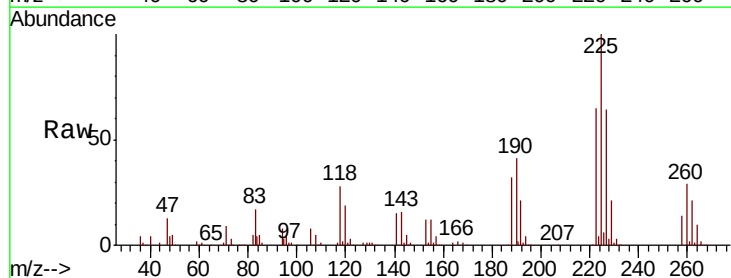


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

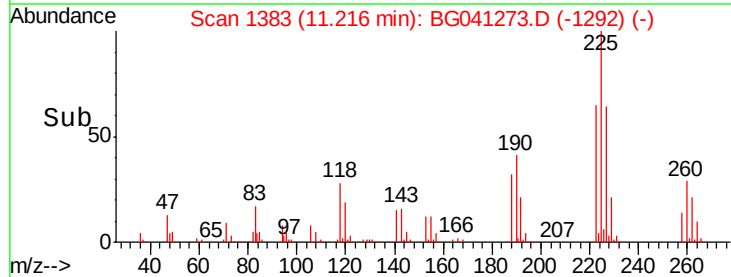
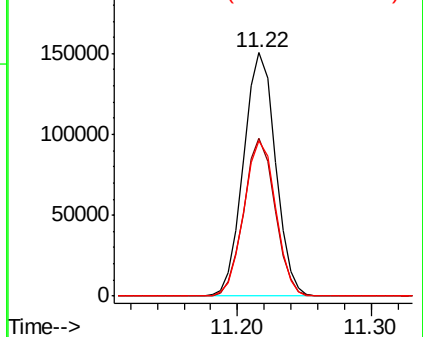


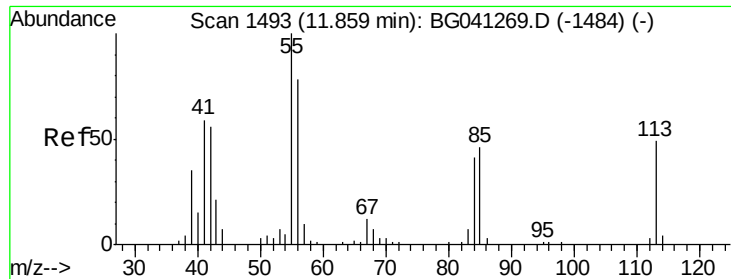
#34
Hexachlorobutadiene
Concen: 102.378 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion:	225	Resp:	247605
Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.5	78.7
227	64.0	50.2	75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

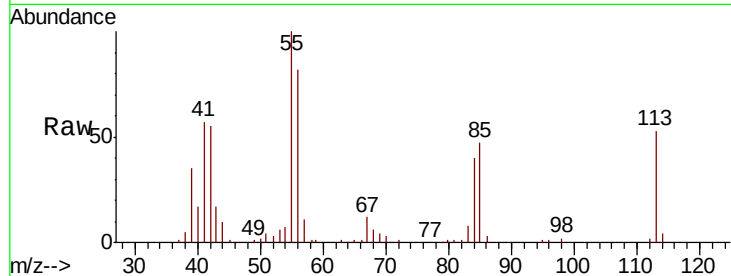




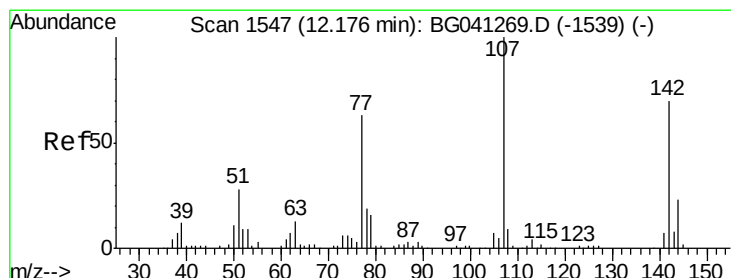
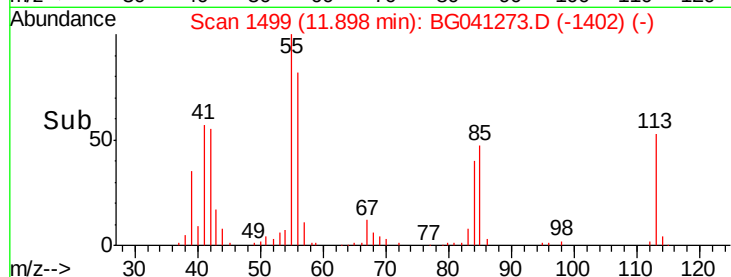
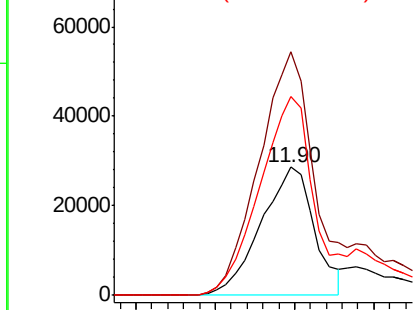
#35
 Caprolactam
 Concen: 90.262 ng
 RT: 11.90 min Scan# 1499
 Delta R.T. 0.04 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 66967
 Ion Ratio Lower Upper
 113 100
 55 190.3 182.6 222.6
 56 155.2 137.5 177.5

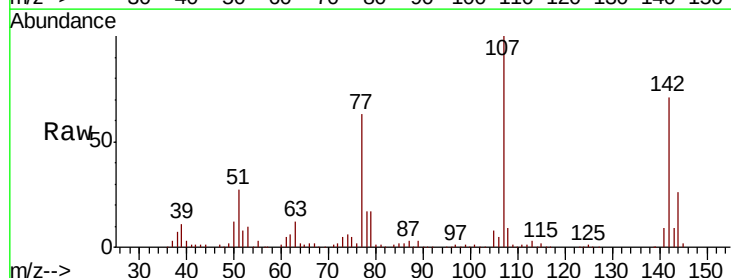


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

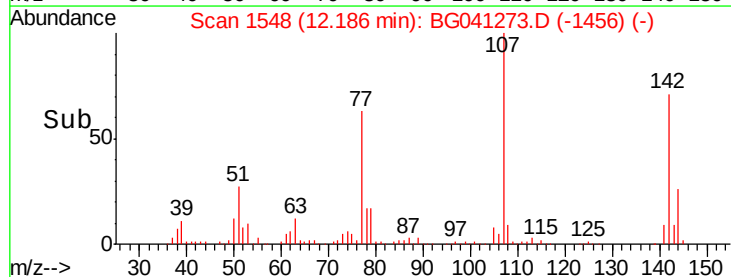
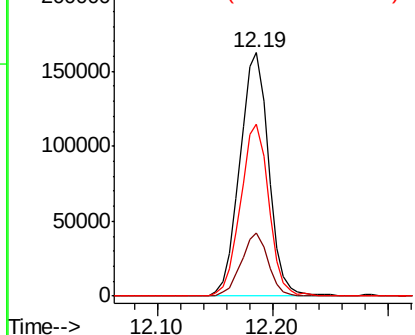


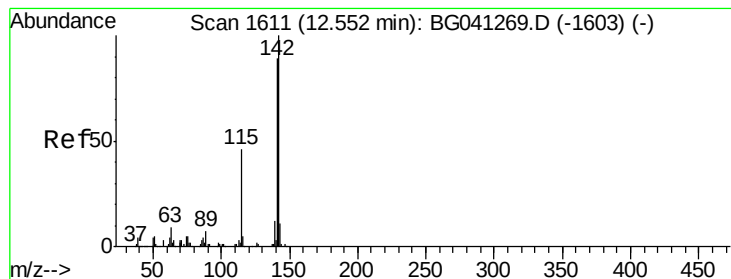
#36
 4-Chloro-3-methylphenol
 Concen: 102.498 ng
 RT: 12.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Tgt Ion:107 Resp: 282065
 Ion Ratio Lower Upper
 107 100
 144 26.2 18.5 27.7
 142 70.5 56.3 84.5



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: 99.236 ng

RT: 12.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

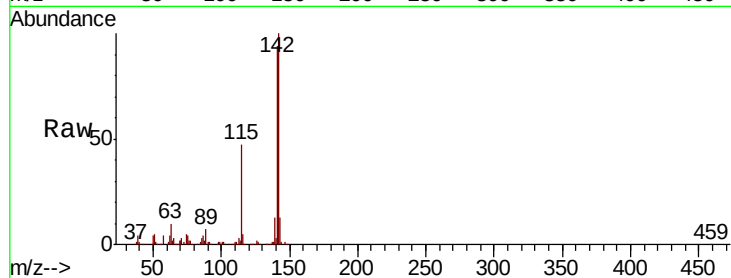
Tot Ion:142 Resp: 539342

Ion Ratio Lower Upper

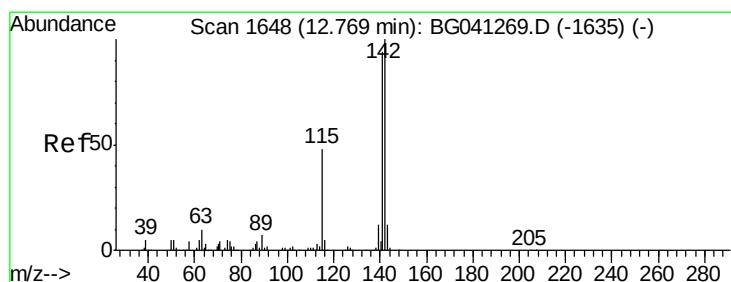
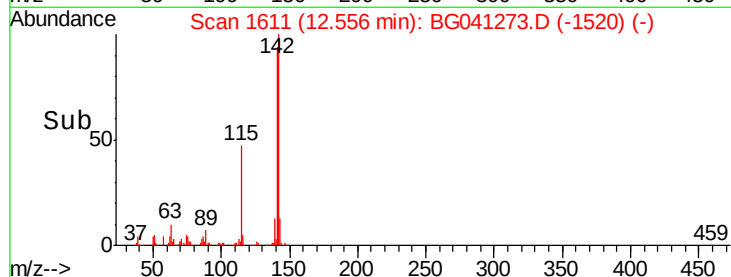
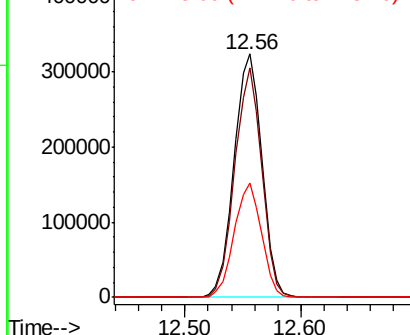
142 100

141 94.2 71.5 107.3

115 46.9 37.0 55.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 99.226 ng

RT: 12.77 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

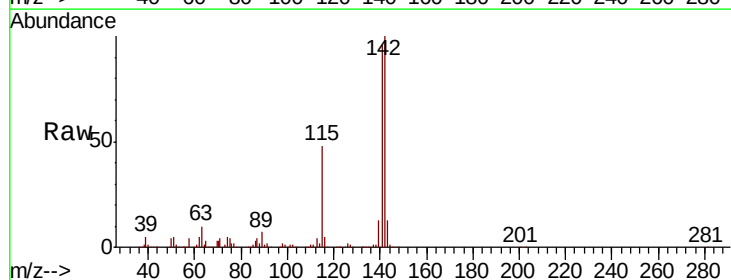
Tgt Ion:142 Resp: 508576

Ion Ratio Lower Upper

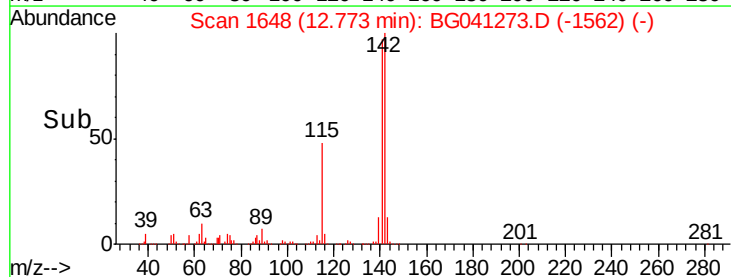
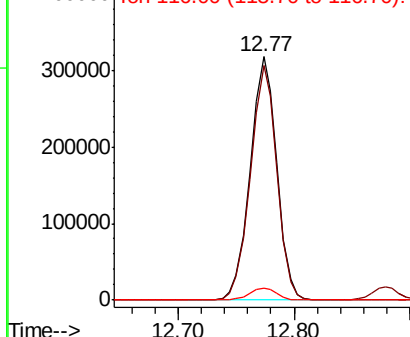
142 100

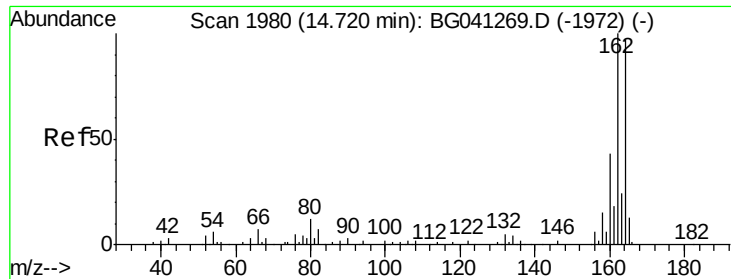
141 96.4 75.0 112.6

116 5.1 4.2 6.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

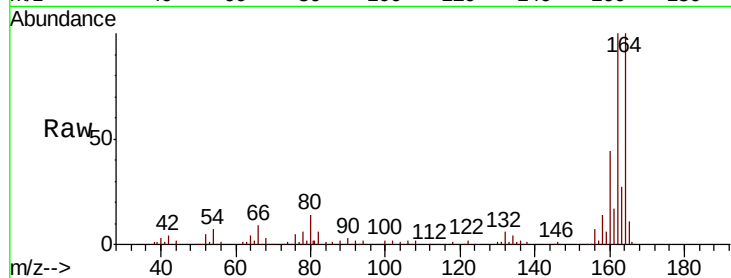
Tot Ion:164 Resp: 96564

Ion Ratio Lower Upper

164 100

162 100.5 82.8 124.2

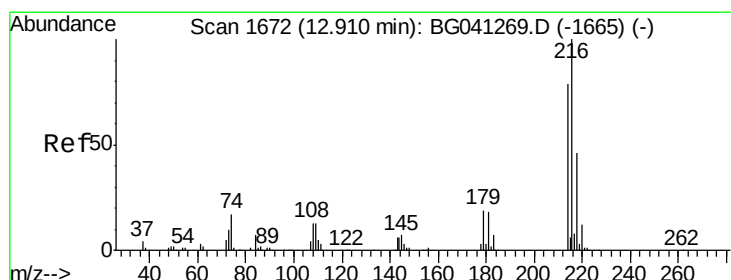
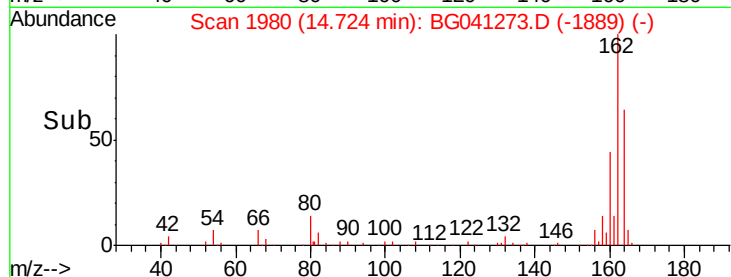
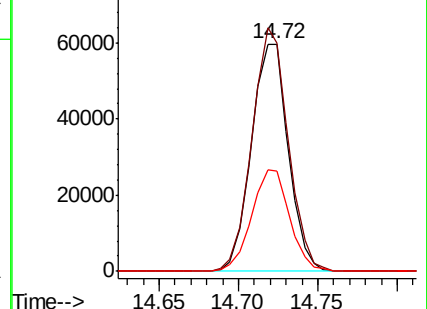
160 44.0 35.8 53.8



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: 95.873 ng

RT: 12.91 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Tgt Ion:216 Resp: 402814

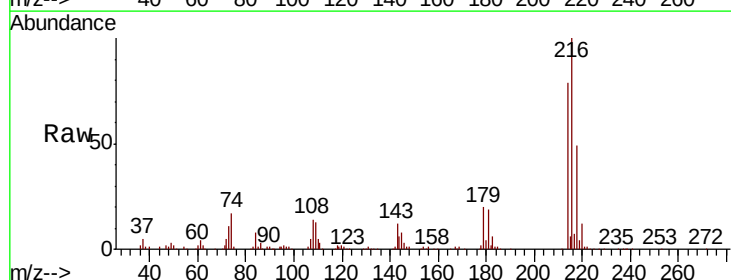
Ion Ratio Lower Upper

216 100

214 79.6 62.8 94.2

179 19.3 15.2 22.8

108 15.6 12.4 18.6

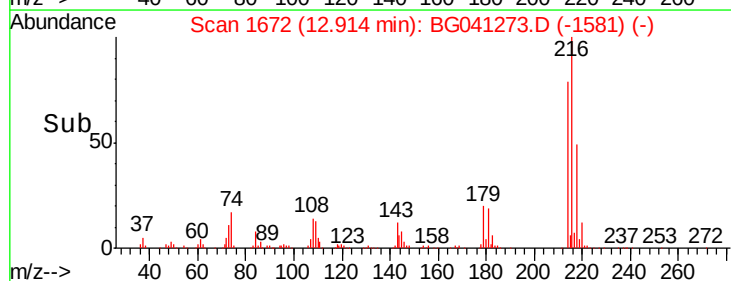
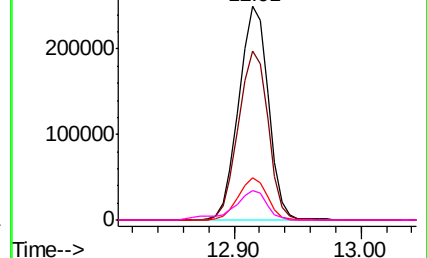


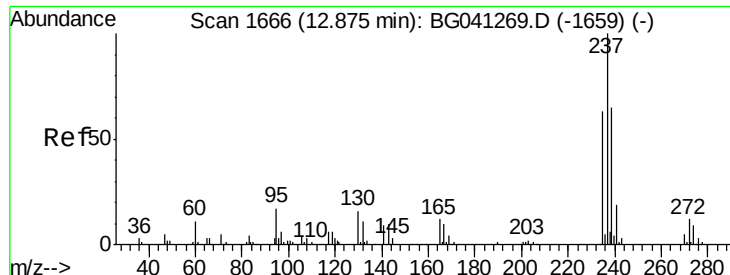
Abundance Ion 216.00 (215.70 to 216.70): E

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

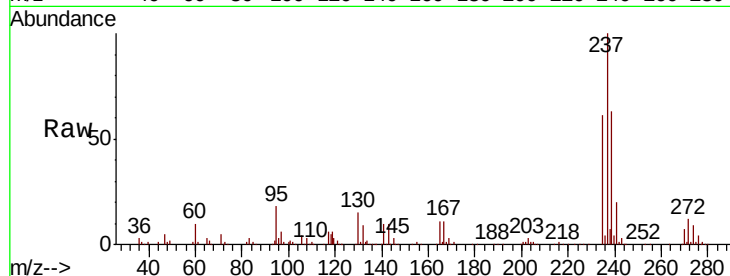




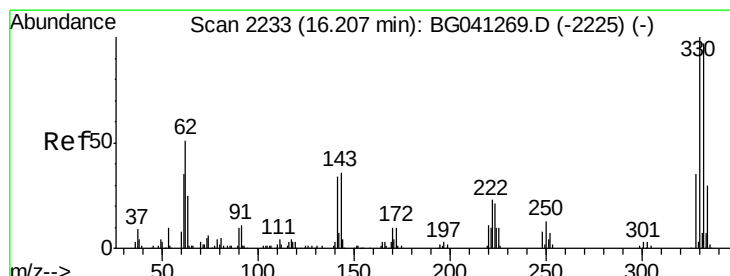
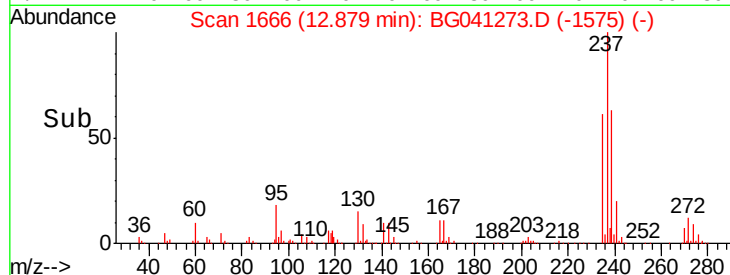
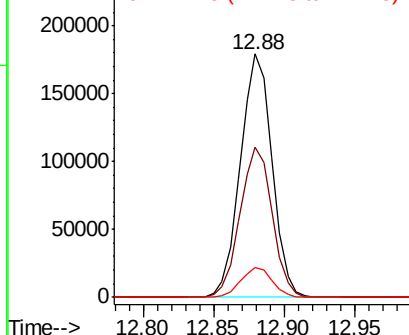
#41
Hexachlorocyclopentadiene
Concen: 153.700 ng
RT: 12.88 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 281110
Ion Ratio Lower Upper
237 100
235 61.4 42.9 82.9
272 12.4 0.0 32.0

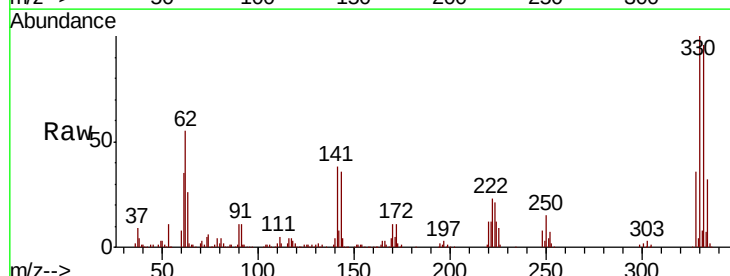


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

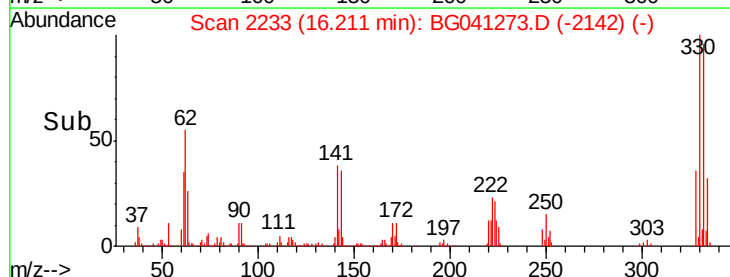
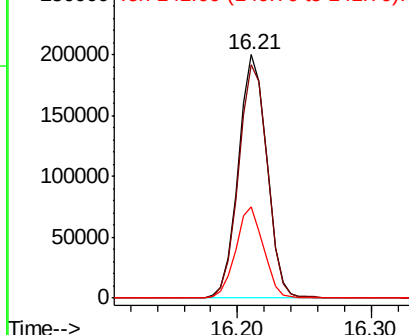


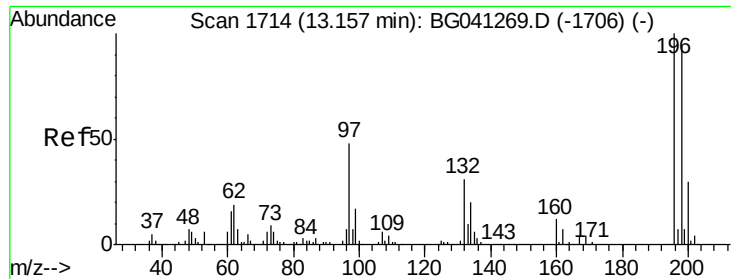
#42
2,4,6-Tribromophenol
Concen: 221.246 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion:330 Resp: 295541
Ion Ratio Lower Upper
330 100
332 97.1 75.5 113.3
141 36.8 29.0 43.4



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

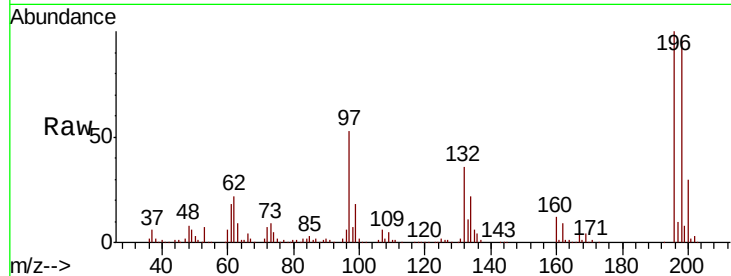




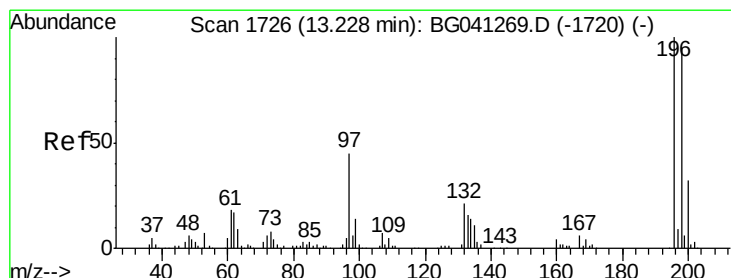
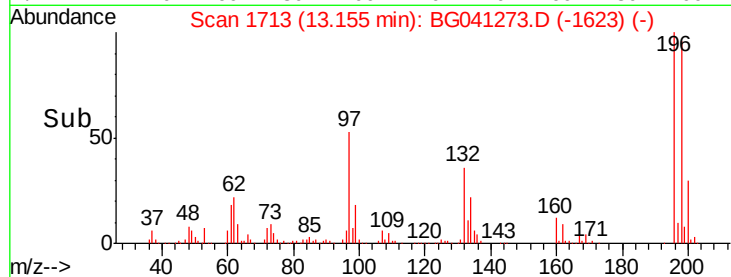
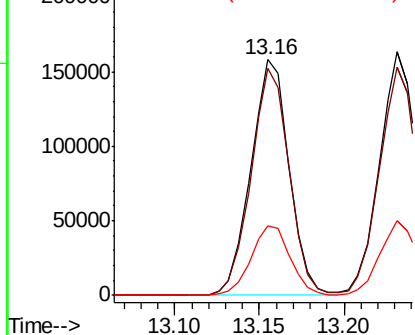
#43
 2,4,6-Trichlorophenol
 Concen: 98.388 ng
 RT: 13.16 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 248740
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.9 112.3
 200 29.8 24.2 36.2



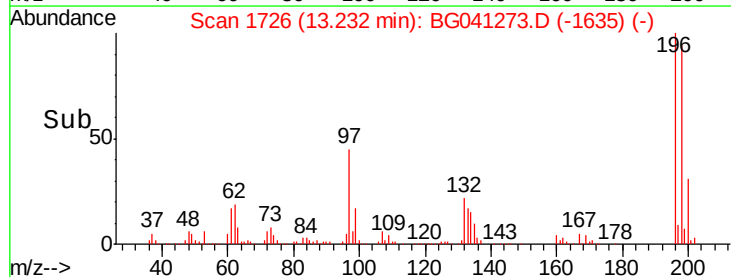
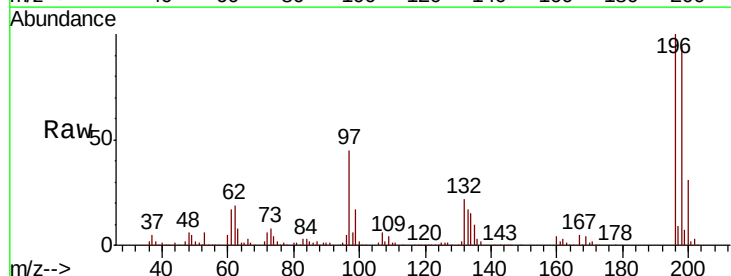
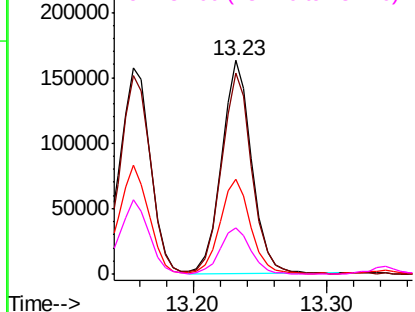
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

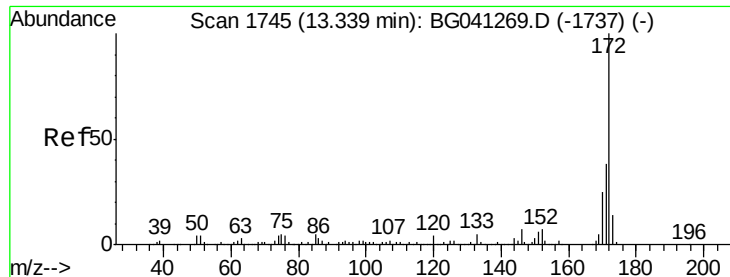


#44
 2,4,5-Trichlorophenol
 Concen: 101.739 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Tgt Ion:196 Resp: 257173
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.1 114.1
 97 44.6 35.9 53.9
 132 21.8 17.0 25.6

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

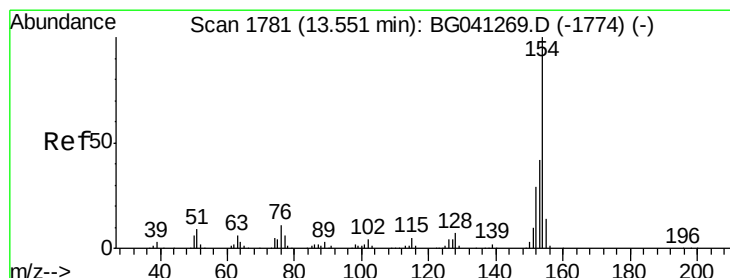
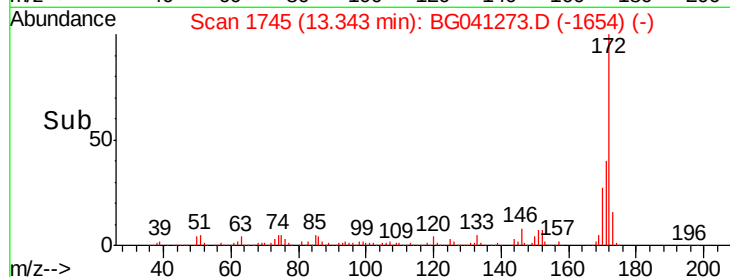
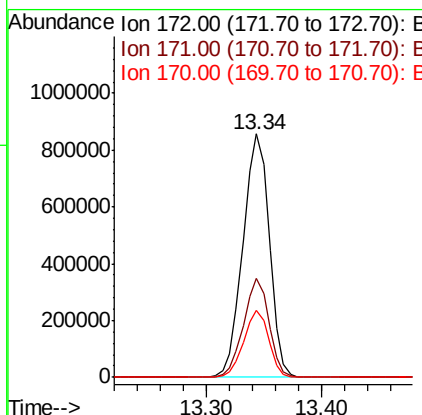
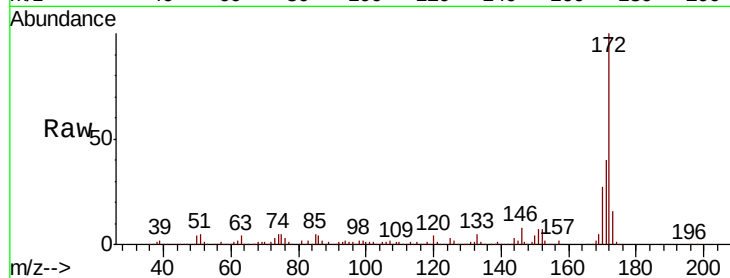




#45
2-Fluorobiphenyl
Concen: 186.250 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

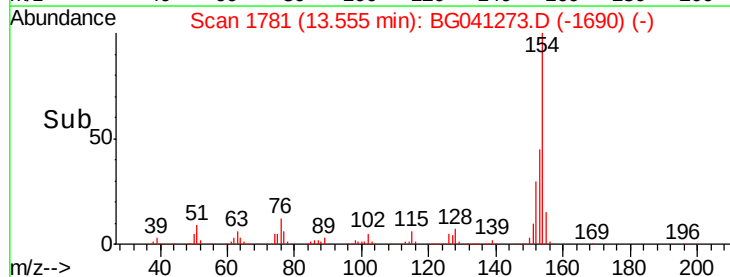
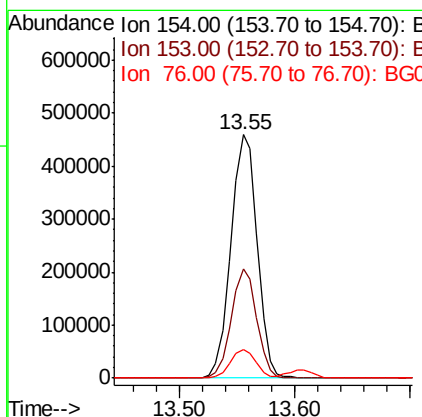
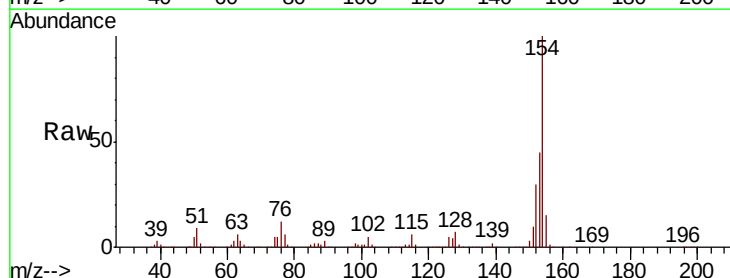
Instrument :
BNA_G
ClientSampled :

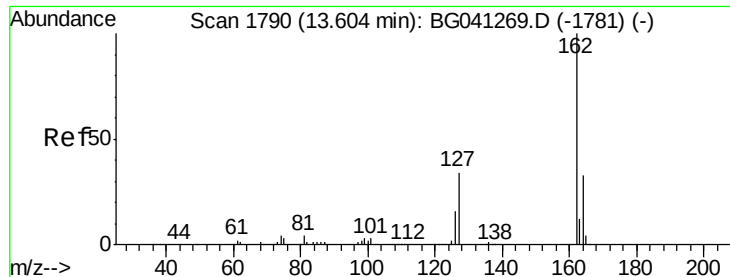
Tot Ion:172 Resp: 1358755
Ion Ratio Lower Upper
172 100
171 40.4 30.0 45.0
170 27.5 19.8 29.6



#46
1,1'-Biphenyl
Concen: 96.574 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion:154 Resp: 721148
Ion Ratio Lower Upper
154 100
153 44.6 22.3 62.3
76 11.6 0.0 30.8

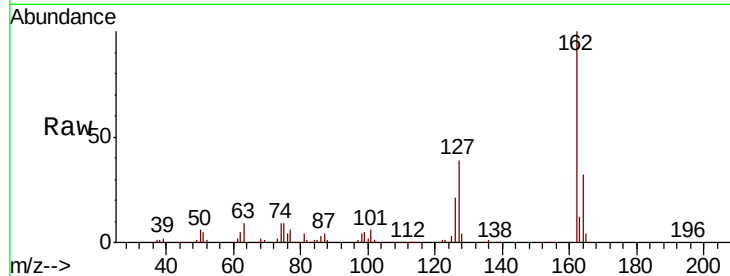




#47
2-Chloronaphthalene
Concen: 96.562 ng
RT: 13.61 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.4
164	32.5	26.1	39.1

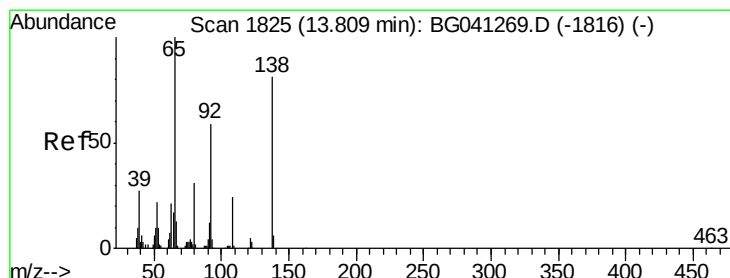
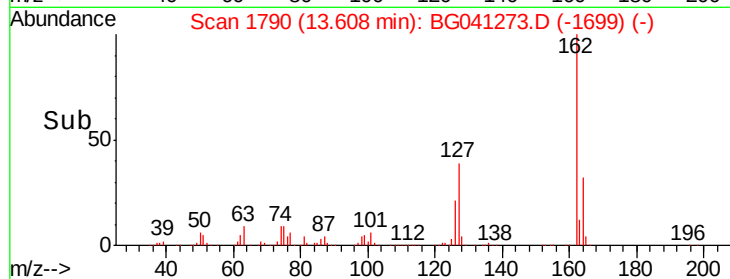
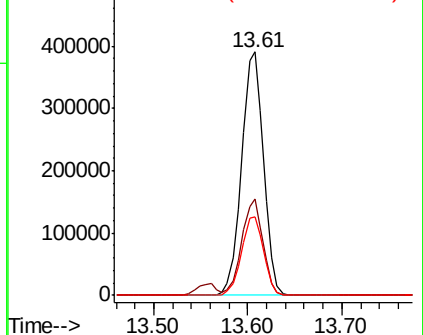


Abundance

Ion 162.00 (161.70 to 162.70): E

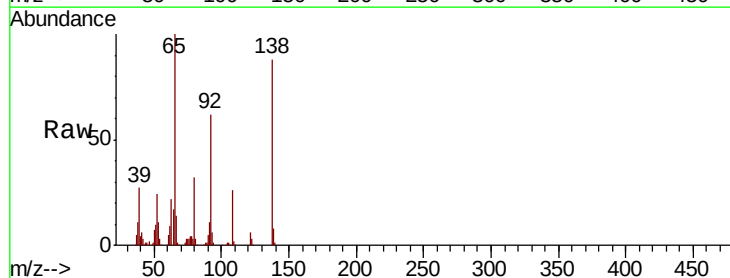
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 105.408 ng
RT: 13.82 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	47.4	71.2
138	88.2	64.7	97.1

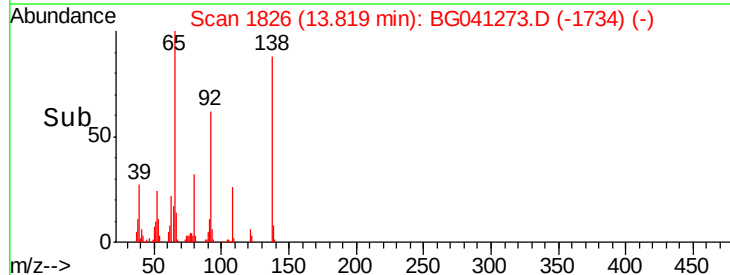
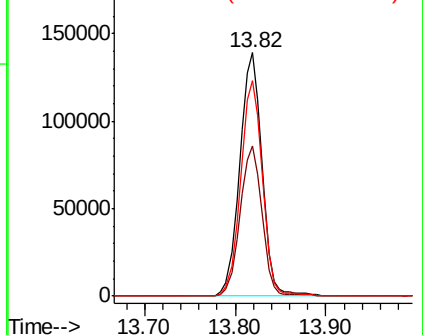


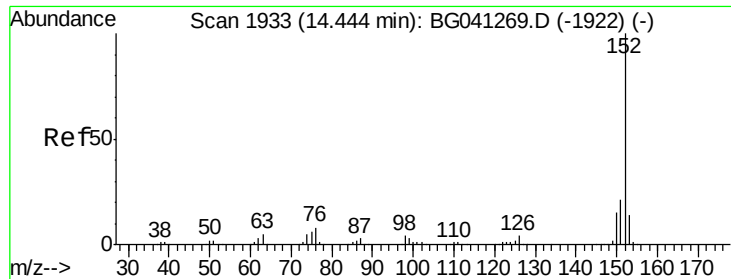
Abundance

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: 98.173 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

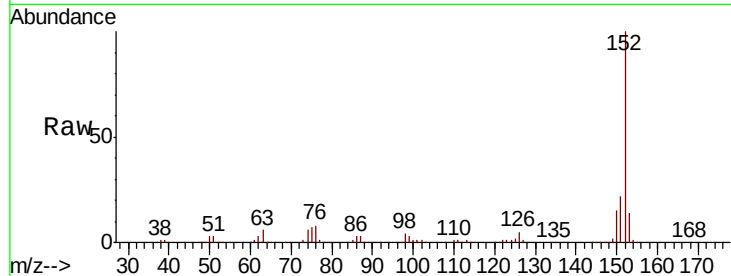
Tot Ion:152 Resp: 918267

Ion Ratio Lower Upper

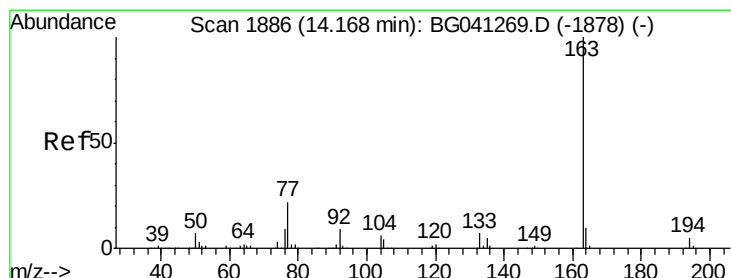
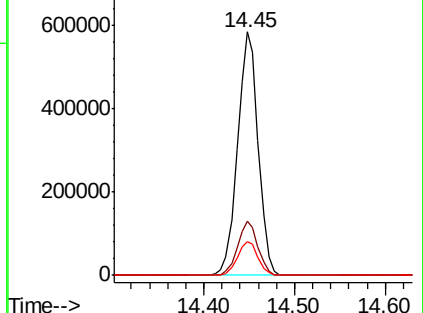
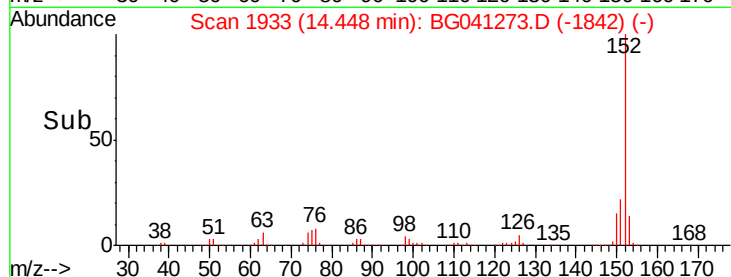
152 100

151 22.1 16.8 25.2

153 14.0 10.8 16.2



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: 101.284 ng

RT: 14.18 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

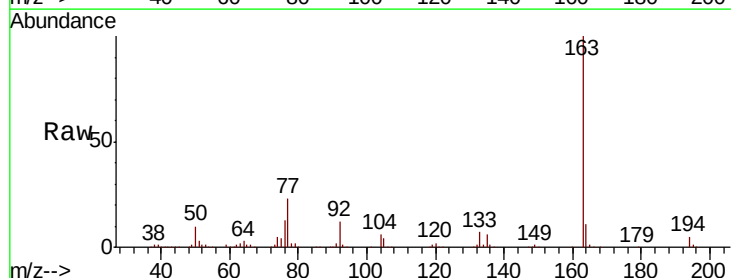
Tgt Ion:163 Resp: 824357

Ion Ratio Lower Upper

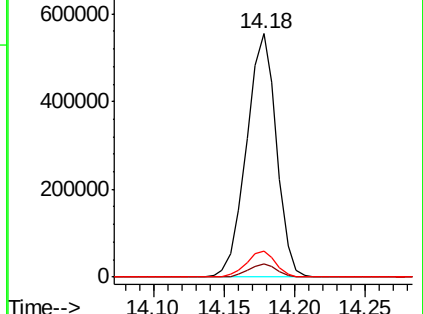
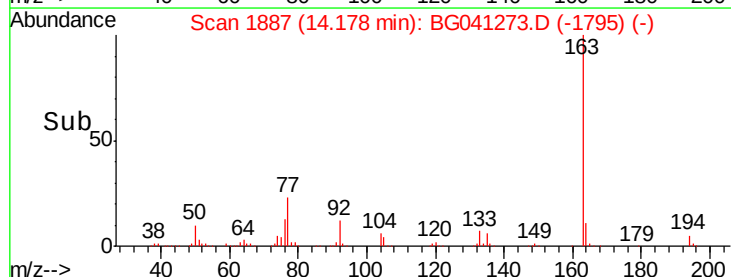
163 100

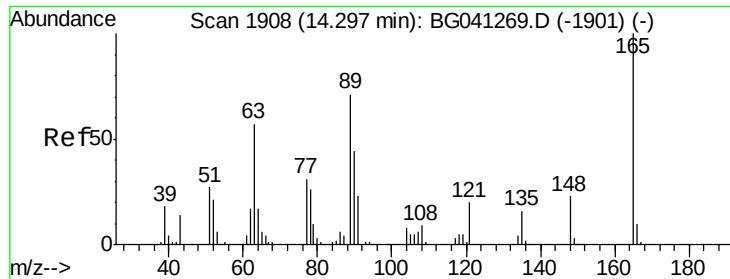
194 5.2 3.9 5.9

164 10.9 8.3 12.5



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

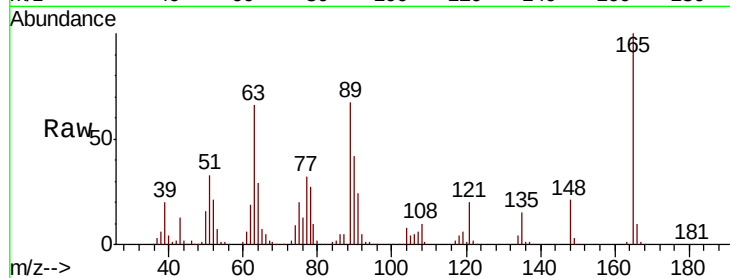




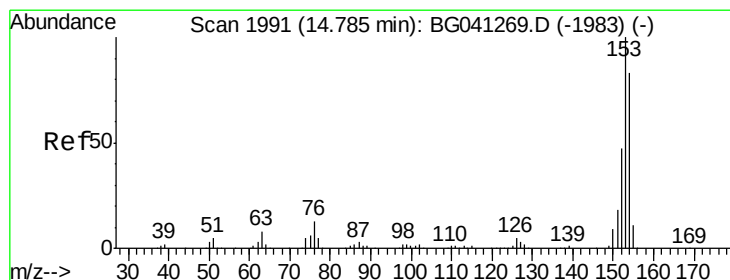
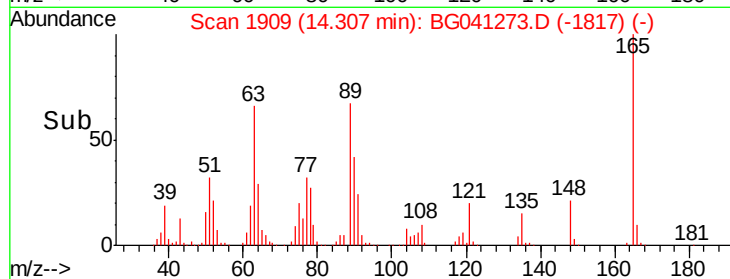
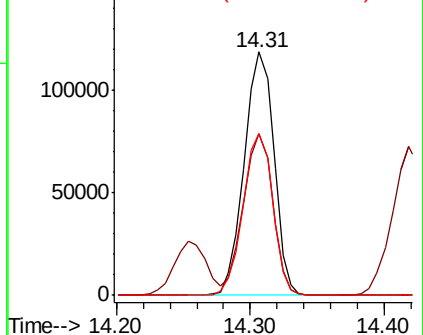
#51
 2,6-Dinitrotoluene
 Concen: 104.470 ng
 RT: 14.31 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 182430
 Ion Ratio Lower Upper
 165 100
 63 66.4 55.4 83.0
 89 66.6 56.5 84.7

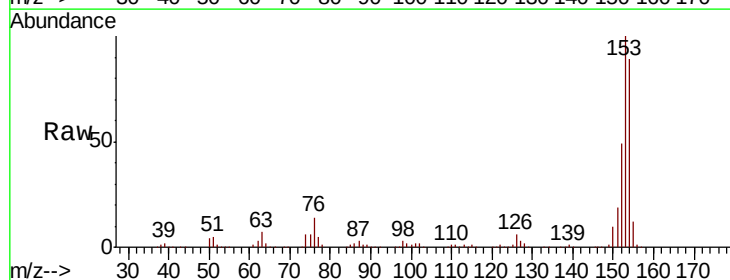


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

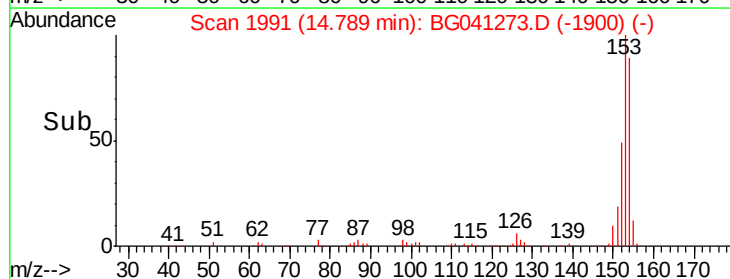
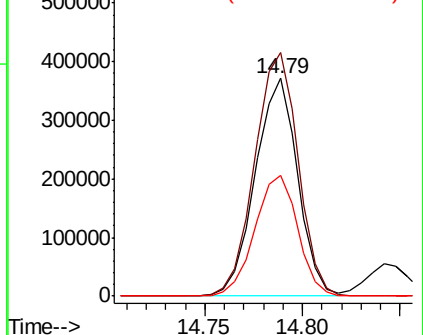


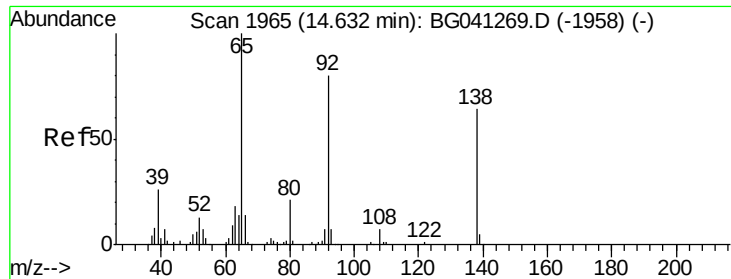
#52
 Acenaphthene
 Concen: 99.364 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Tgt Ion:154 Resp: 556362
 Ion Ratio Lower Upper
 154 100
 153 111.9 96.6 145.0
 152 55.3 45.5 68.3



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

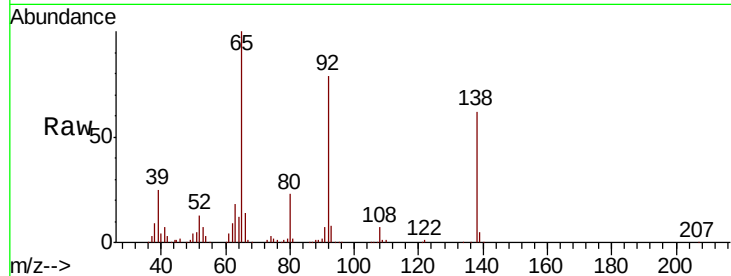




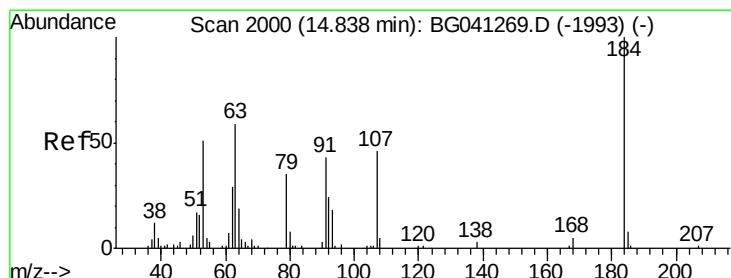
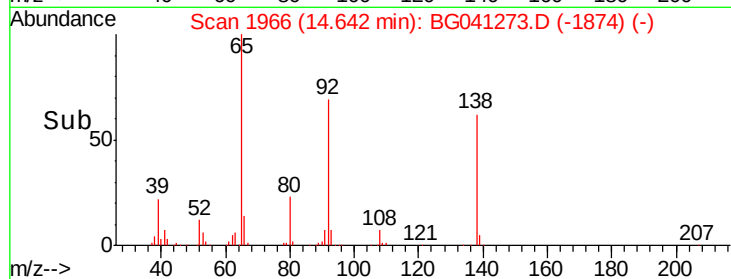
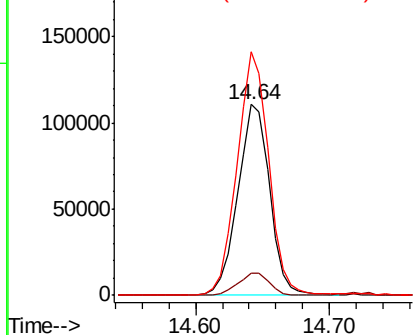
#53
3-Nitroaniline
Concen: 108.396 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 182896
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 127.6 100.2 150.4

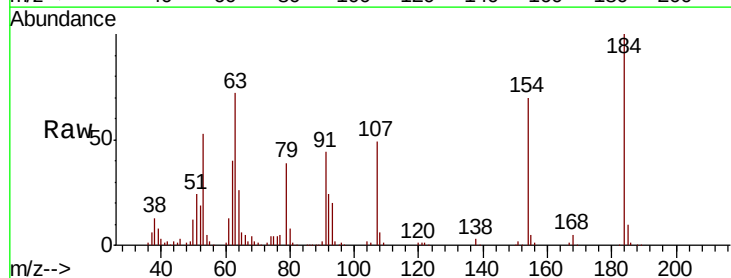


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

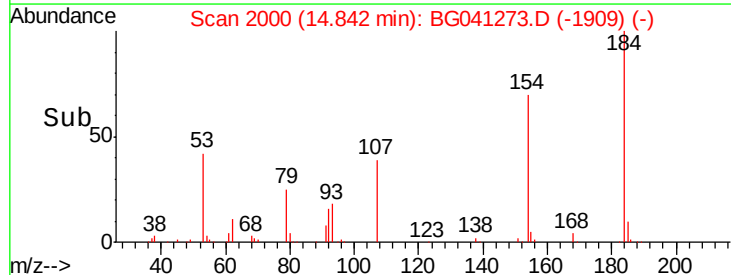
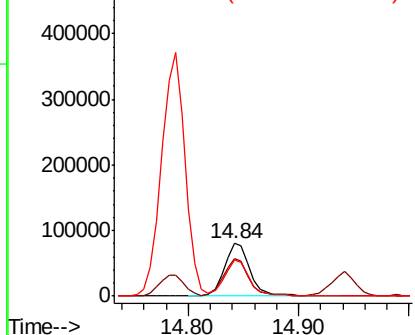


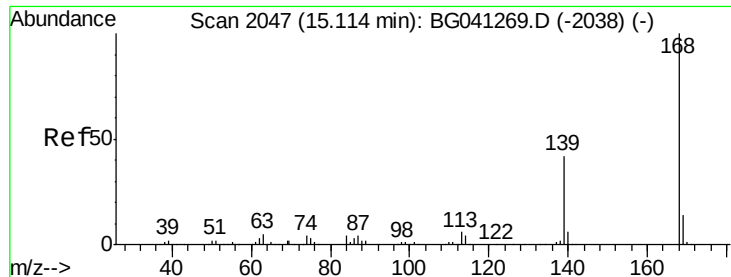
#54
2,4-Dinitrophenol
Concen: 379.180 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion:184 Resp: 131297
Ion Ratio Lower Upper
184 100
63 71.6 60.0 90.0
154 69.9 58.3 87.5



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

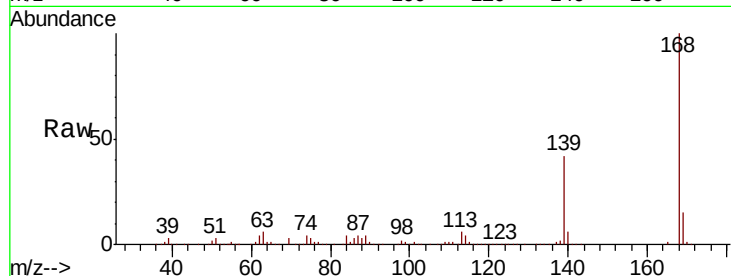




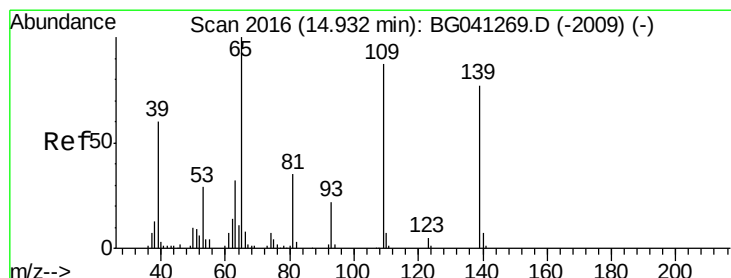
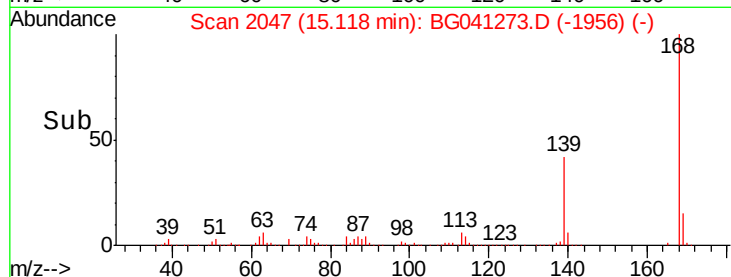
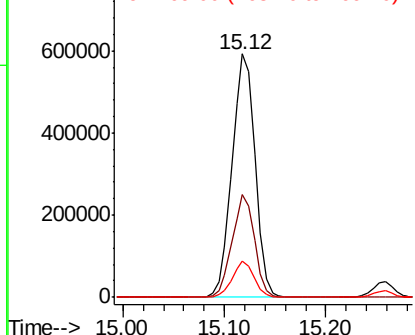
#55
Dibenzenofuran
Concen: 98.389 ng
RT: 15.12 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 932262
Ion Ratio Lower Upper
168 100
139 42.4 33.6 50.4
169 14.7 10.8 16.2

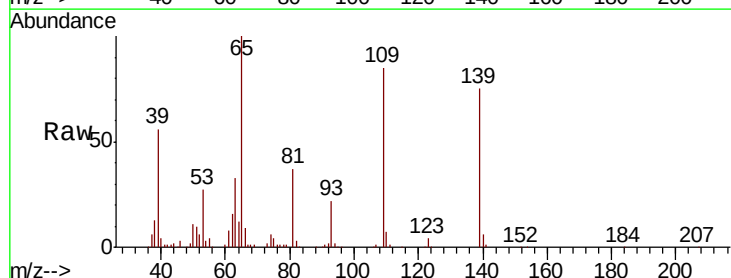


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

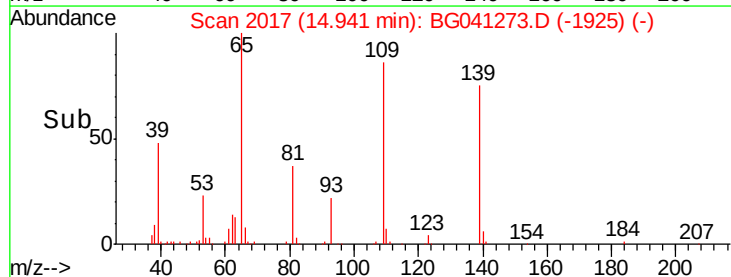
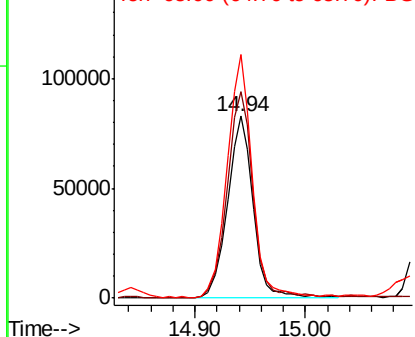


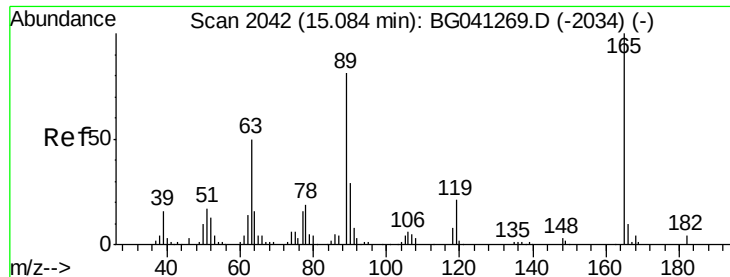
#56
4-Nitrophenol
Concen: 149.622 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion:139 Resp: 134820
Ion Ratio Lower Upper
139 100
109 113.8 93.2 133.2
65 133.9 110.2 150.2



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





#57

2,4-Dinitrotoluene

Concen: 110.477 ng

RT: 15.09 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BG041273.D

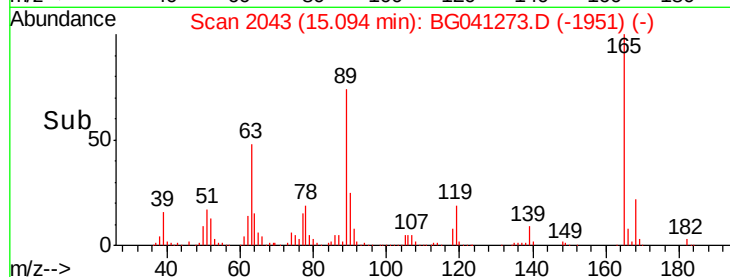
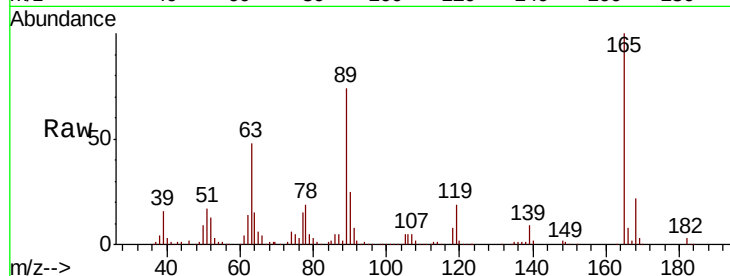
Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampled :

Tot Ion:	165	Resp:	267638
Ion	Ratio	Lower	Upper
165	100		
63	47.6	40.0	60.0
89	73.5	64.6	96.8
182	3.3	2.9	4.3

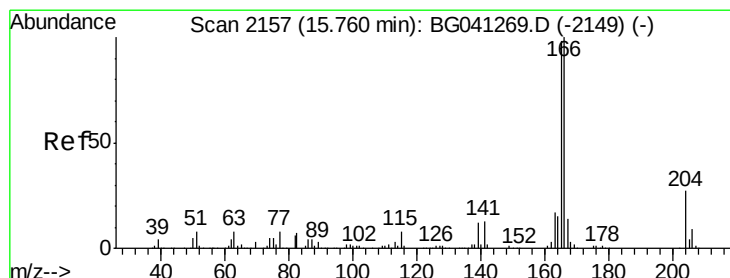
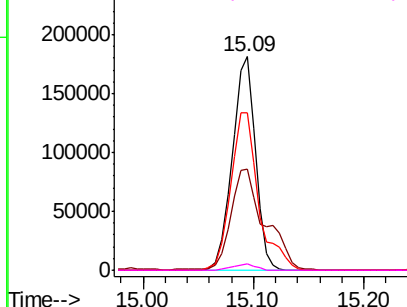


Abundance Ion 165.00 (164.70 to 165.70): E

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: 100.788 ng

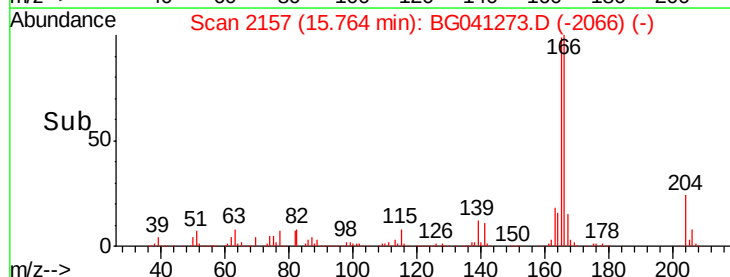
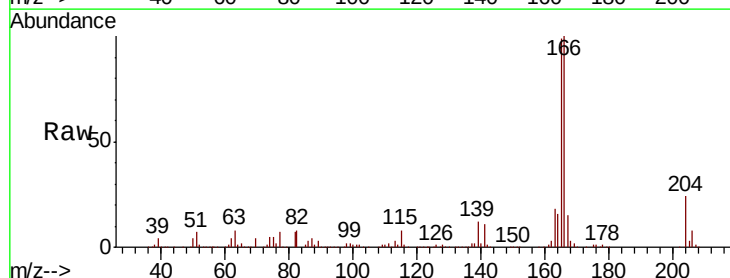
RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

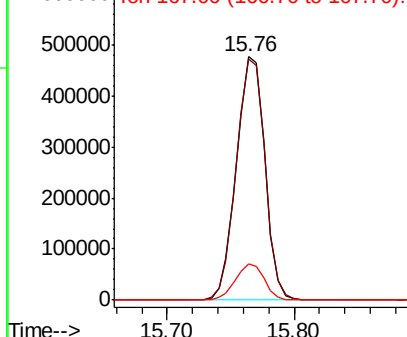
Tgt Ion:	166	Resp:	741474
Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.8	118.2
167	15.0	11.3	16.9

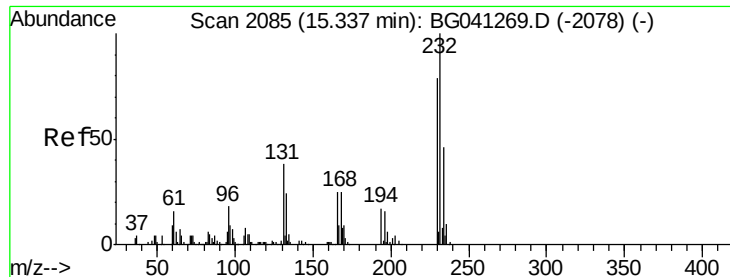


Abundance Ion 166.00 (165.70 to 166.70): E

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: 105.537 ng

RT: 15.34 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 244714

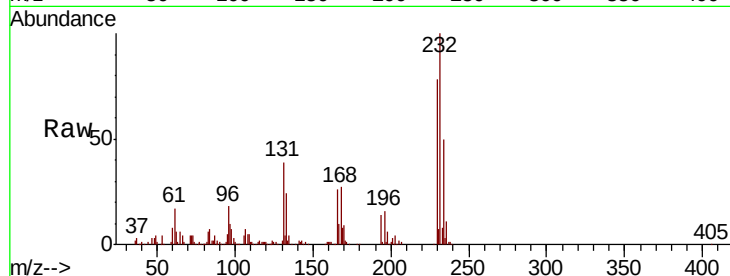
Ion Ratio Lower Upper

232 100

131 38.1 29.0 43.6

130 2.0 1.6 2.4

166 26.4 21.0 31.4

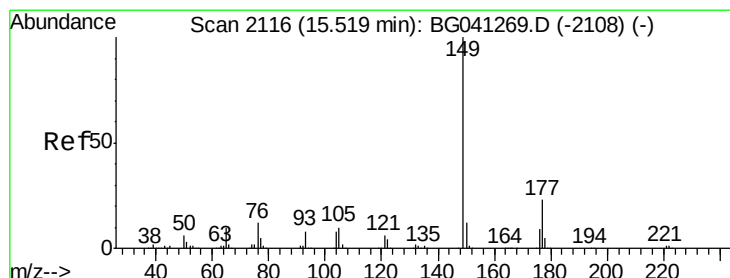
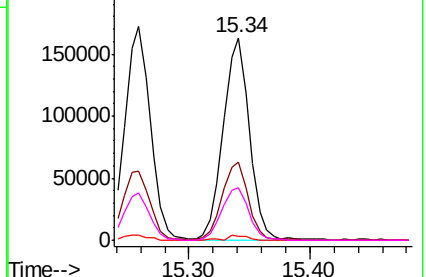
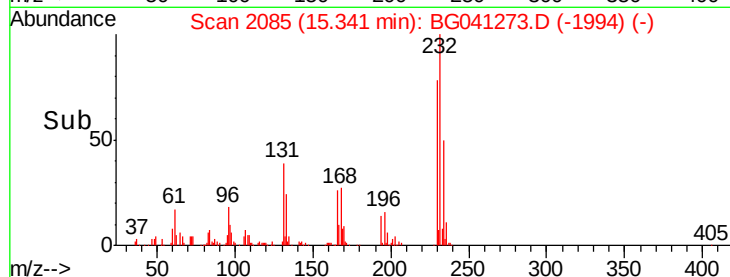


Abundance Ion 232.00 (231.70 to 232.70): E

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: 104.117 ng

RT: 15.52 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

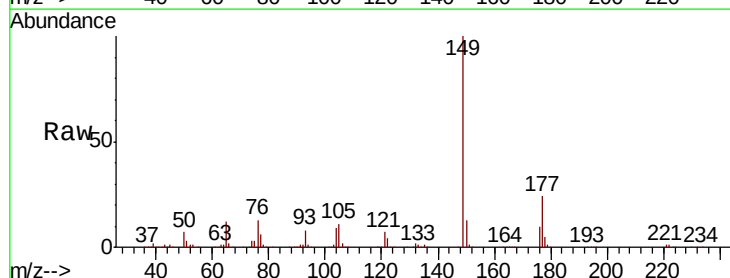
Tgt Ion:149 Resp: 836910

Ion Ratio Lower Upper

149 100

177 24.1 18.4 27.6

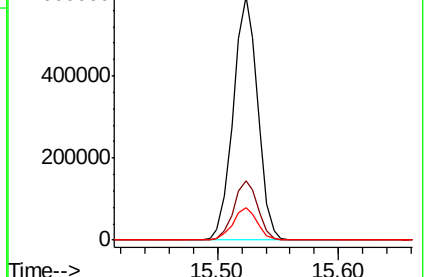
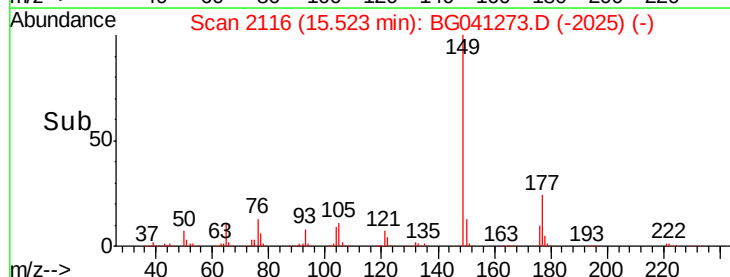
150 13.3 9.9 14.9

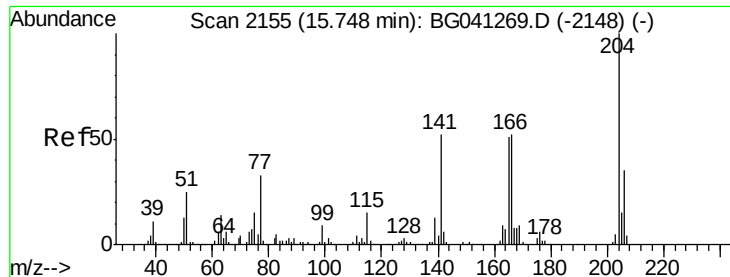


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 100.512 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

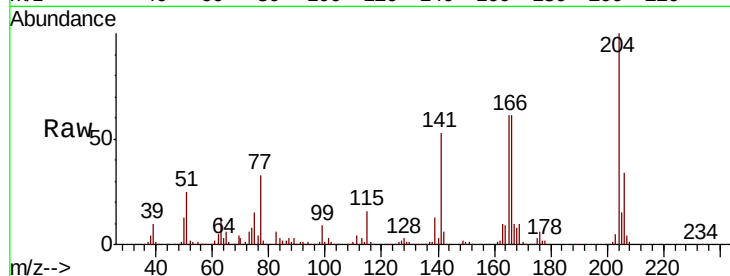
Tot Ion:204 Resp: 484210

Ion Ratio Lower Upper

204 100

206 33.5 27.9 41.9

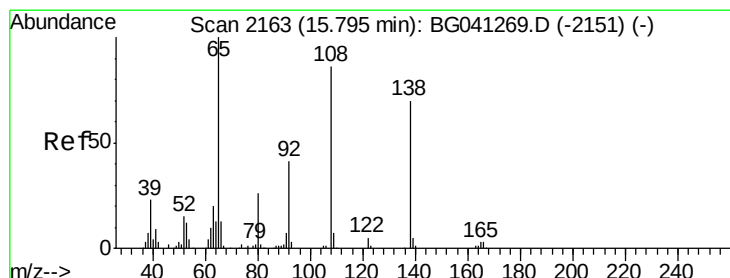
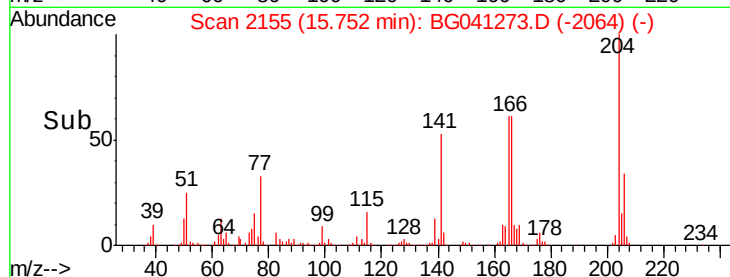
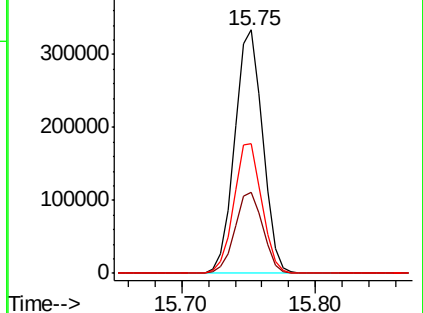
141 53.4 41.4 62.0



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: 113.110 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.02 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

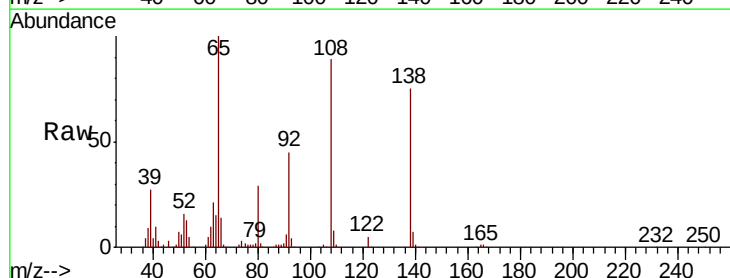
Tgt Ion:138 Resp: 185616

Ion Ratio Lower Upper

138 100

92 60.2 38.8 78.8

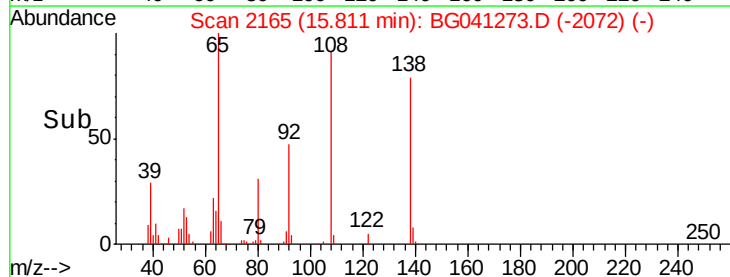
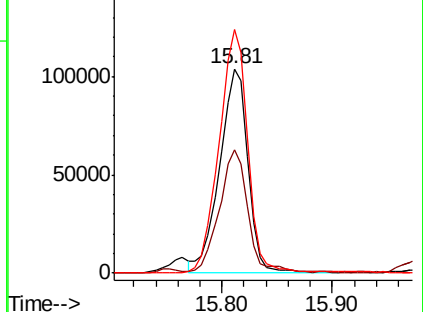
108 119.3 103.4 143.4

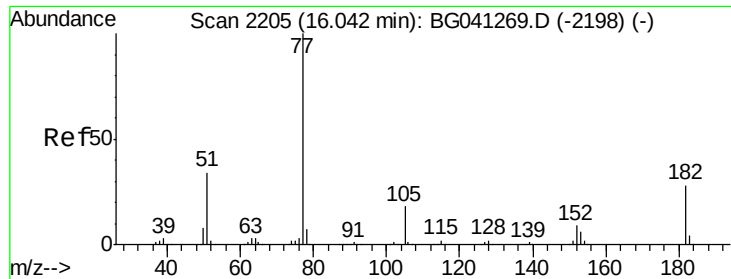


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 102.091 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 739588

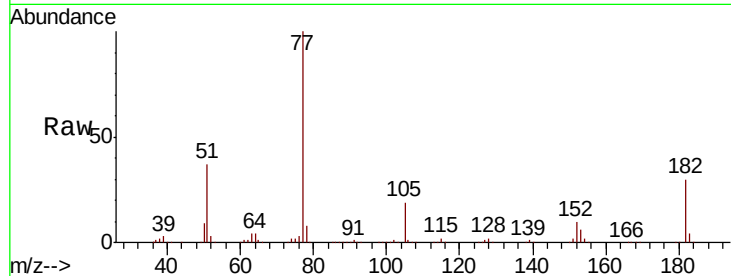
Ion Ratio Lower Upper

77 100

182 30.1 7.5 47.5

105 18.9 0.0 37.7

51 36.6 14.6 54.6

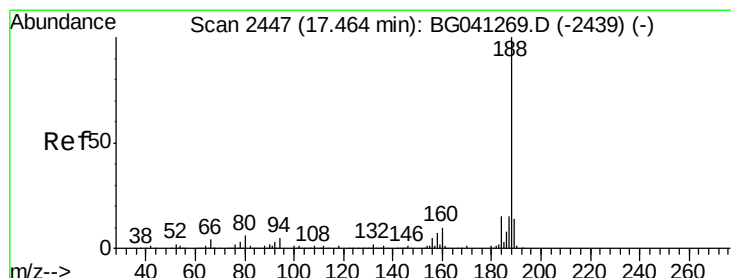
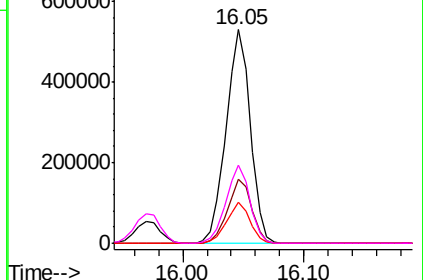
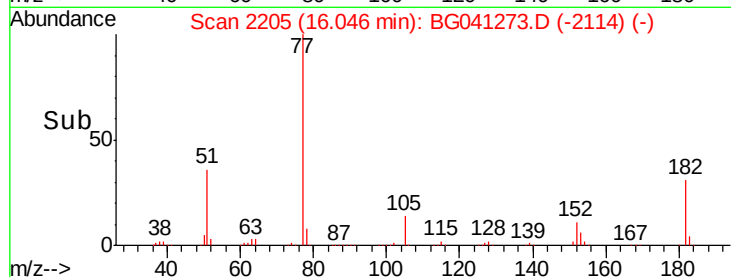


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

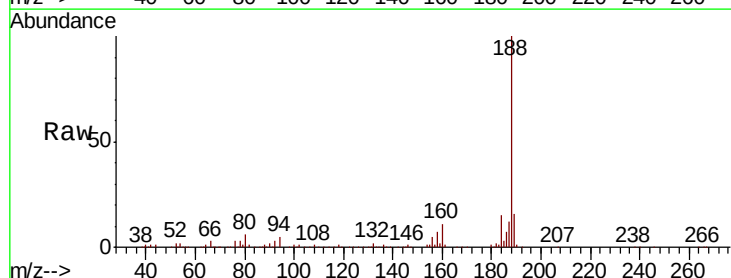
Tgt Ion: 188 Resp: 247262

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

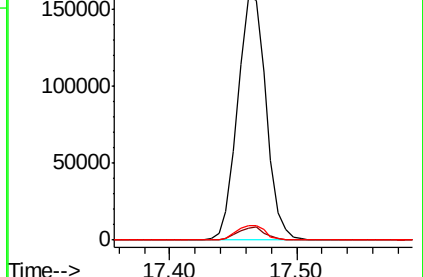
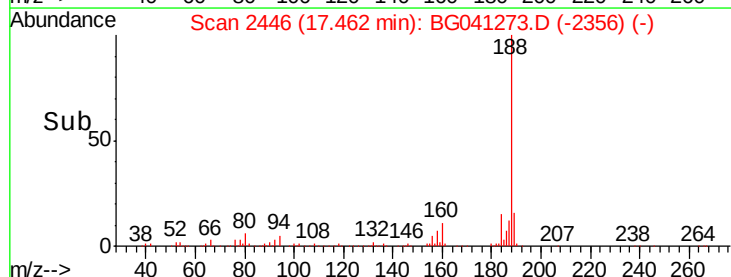
80 5.9 4.8 7.2

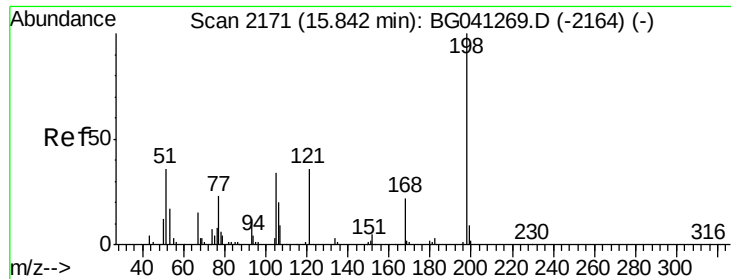


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 193.399 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

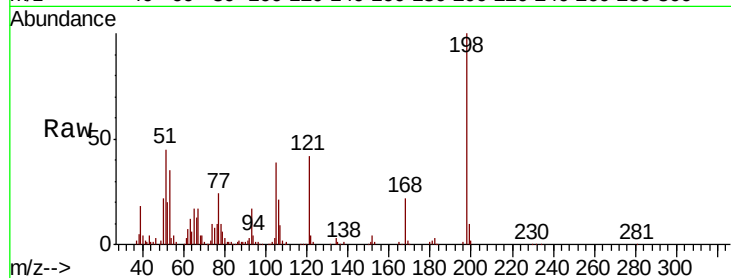
Tot Ion:198 Resp: 174392

Ion Ratio Lower Upper

198 100

51 45.3 23.4 63.4

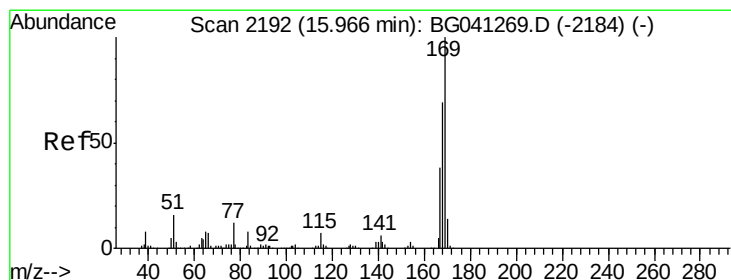
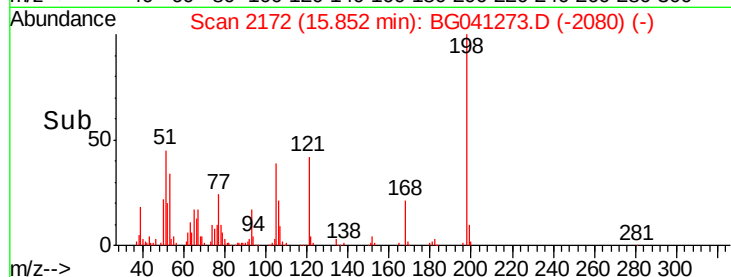
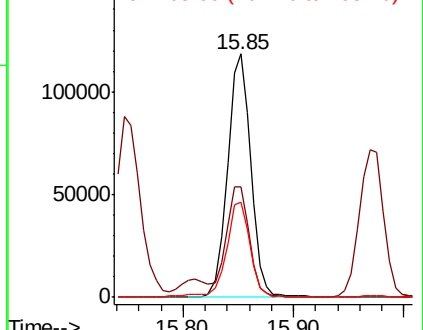
105 39.3 15.8 55.8



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: 95.615 ng

RT: 15.98 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

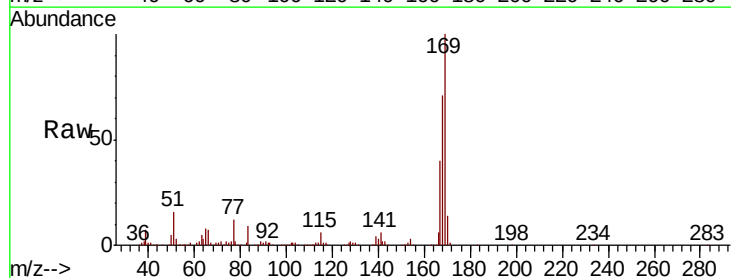
Tgt Ion:169 Resp: 657573

Ion Ratio Lower Upper

169 100

168 70.6 55.2 82.8

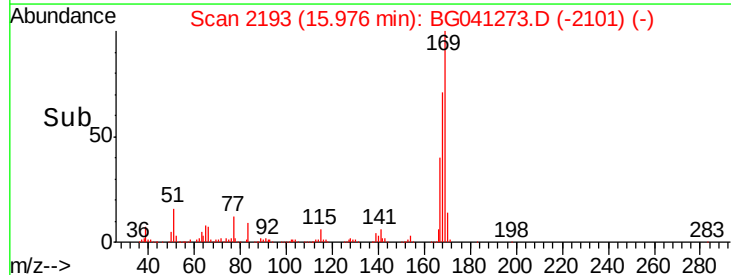
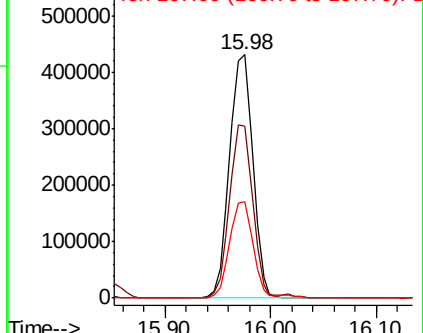
167 39.6 30.4 45.6

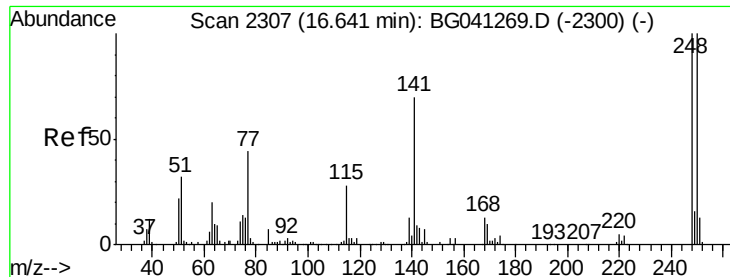


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

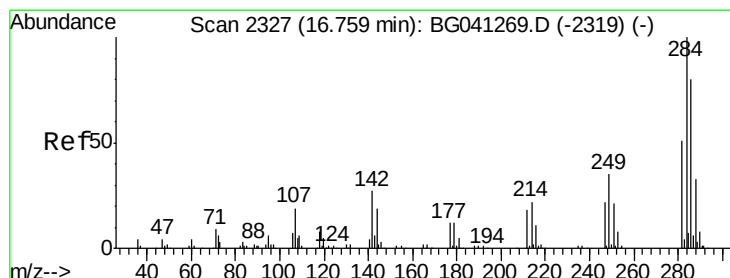
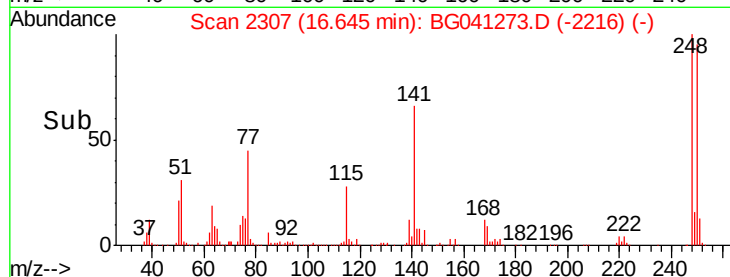
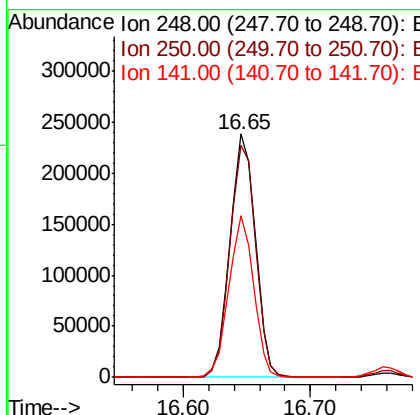
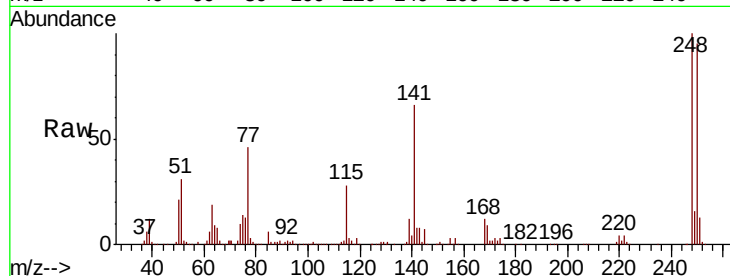




#67
 4-Bromophenyl-phenylether
 Concen: 100.292 ng
 RT: 16.65 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

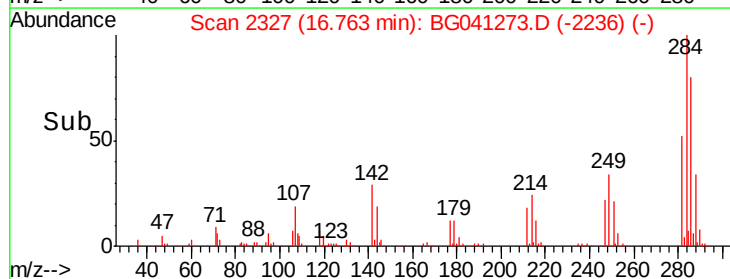
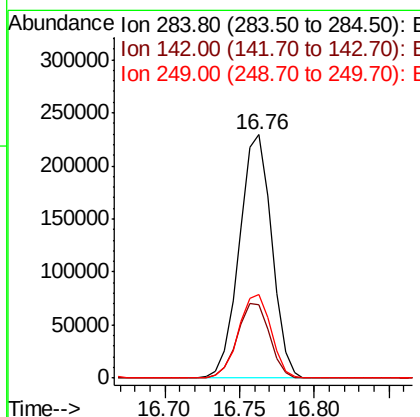
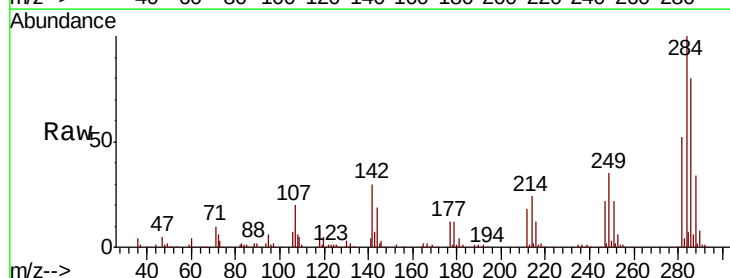
Instrument :
 BNA_G
 ClientSampleId :

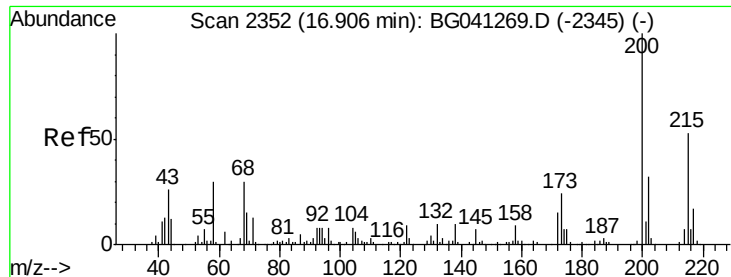
Tot Ion:248 Resp: 328486
 Ion Ratio Lower Upper
 248 100
 250 95.1 79.8 119.8
 141 66.3 55.8 83.6



#68
 Hexachlorobenzene
 Concen: 96.665 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Tgt Ion:284 Resp: 344235
 Ion Ratio Lower Upper
 284 100
 142 30.2 21.8 32.8
 249 34.5 27.8 41.6

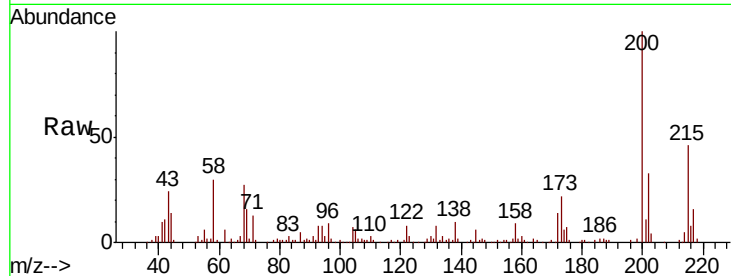




#69
 Atrazine
 Concen: 45.568 ng
 RT: 16.91 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.8	4.0	44.0
215	46.5	33.4	73.4

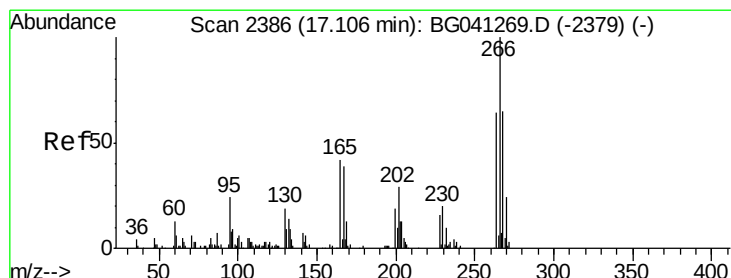
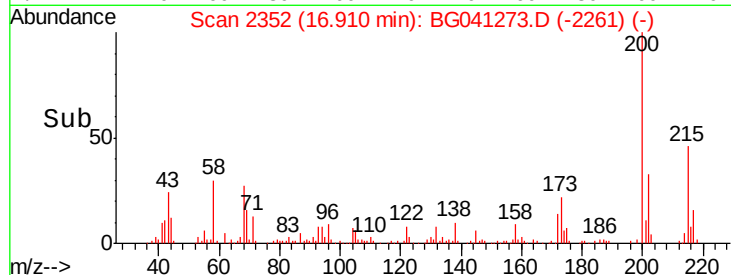
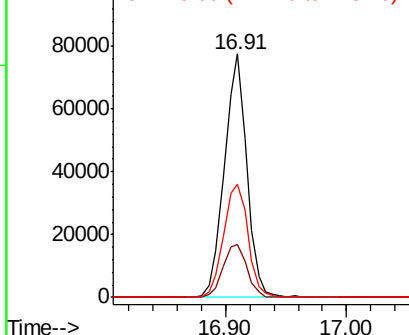


Abundance

Ion 200.00 (199.70 to 200.70): E

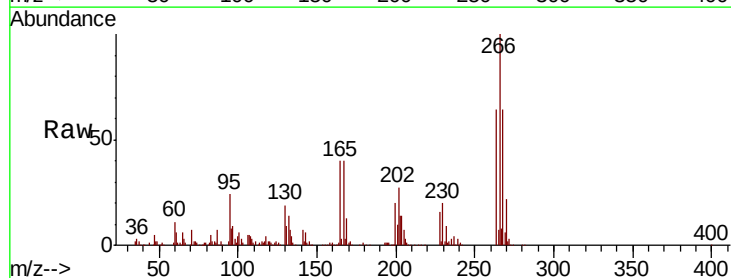
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 146.757 ng
 RT: 17.11 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.0	78.0
264	63.8	51.2	76.8

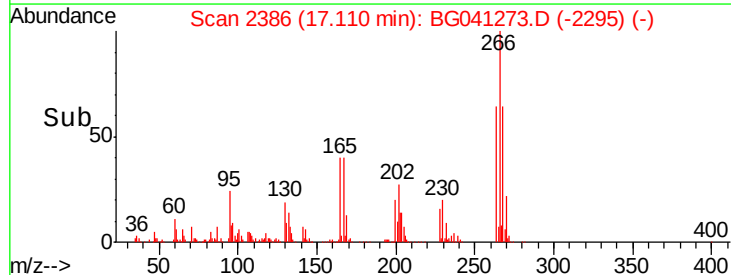
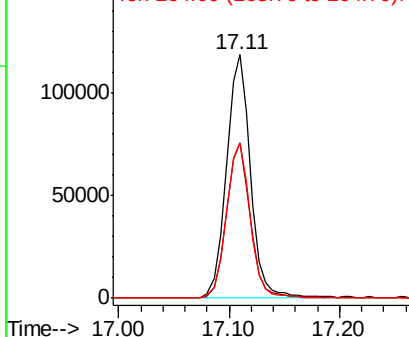


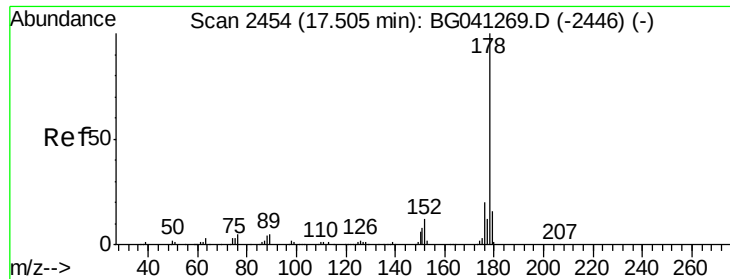
Abundance

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

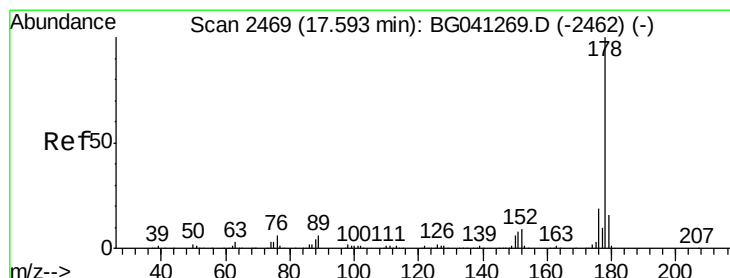
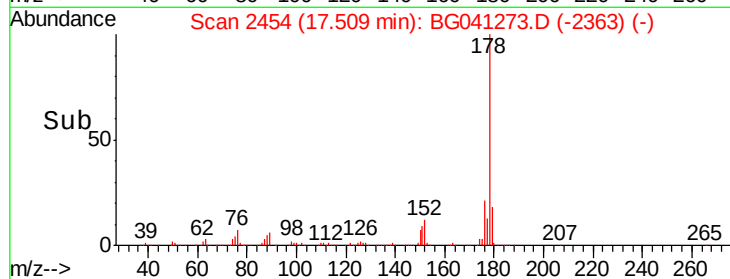
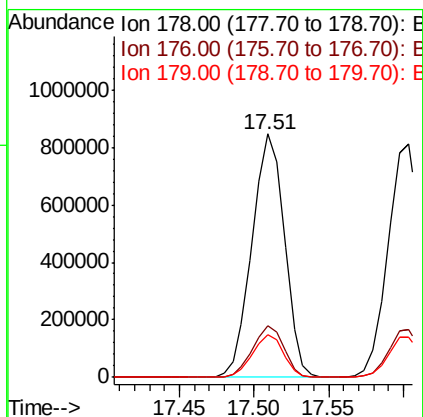
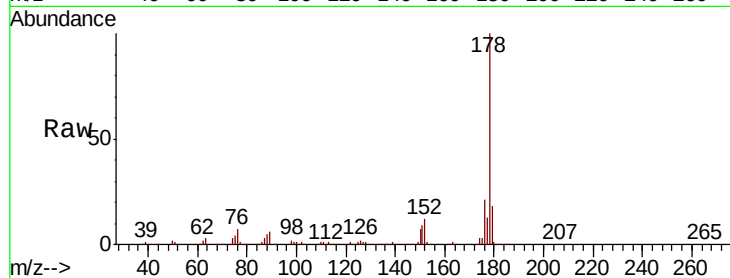




#71
Phenanthrene
Concen: 97.883 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

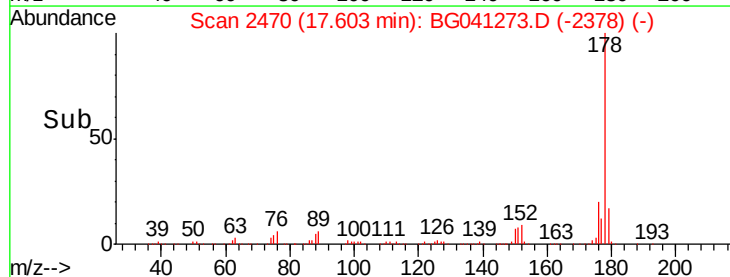
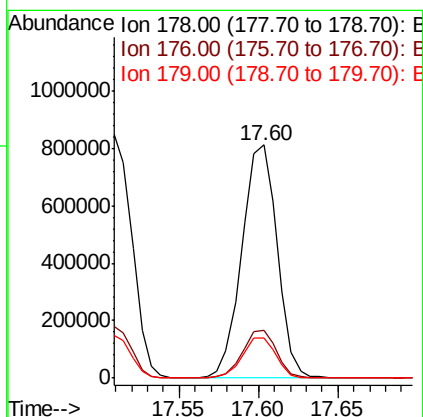
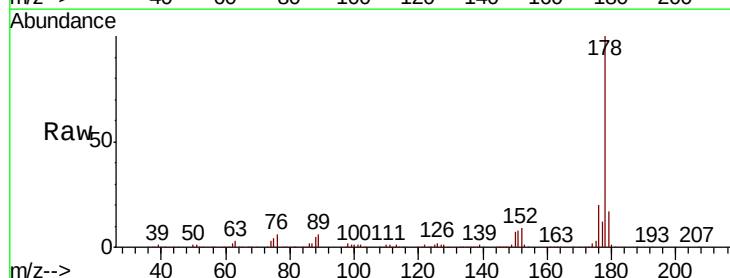
Instrument :
BNA_G
ClientSampleId :

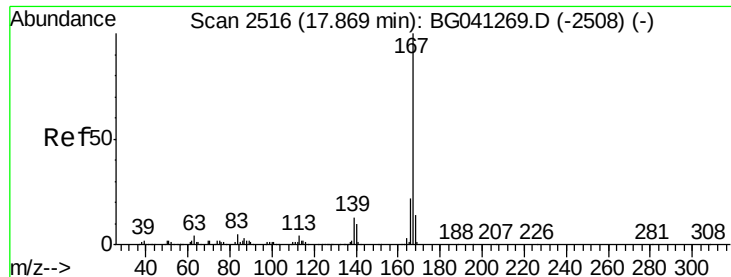
Tot Ion:178 Resp: 1274923
Ion Ratio Lower Upper
178 100
176 21.5 16.1 24.1
179 17.5 12.9 19.3



#72
Anthracene
Concen: 96.868 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion:178 Resp: 1250559
Ion Ratio Lower Upper
178 100
176 20.5 15.4 23.2
179 17.5 13.0 19.4



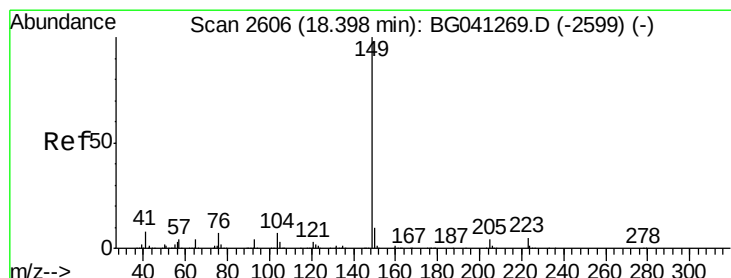
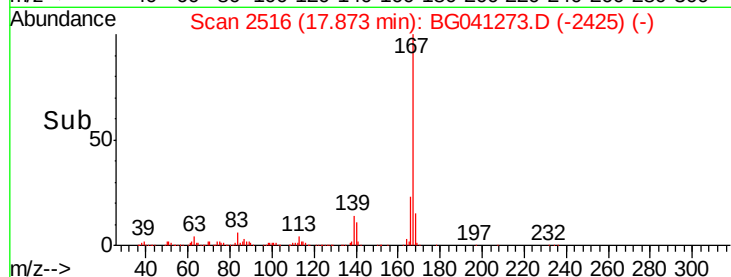
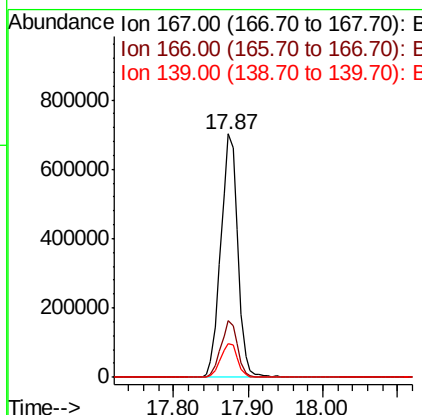
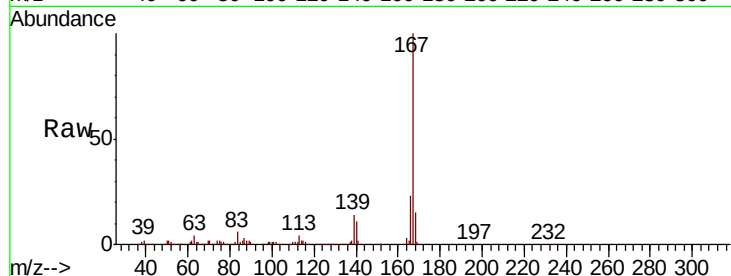


#73
 Carbazole
 Concen: 101.034 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1113796

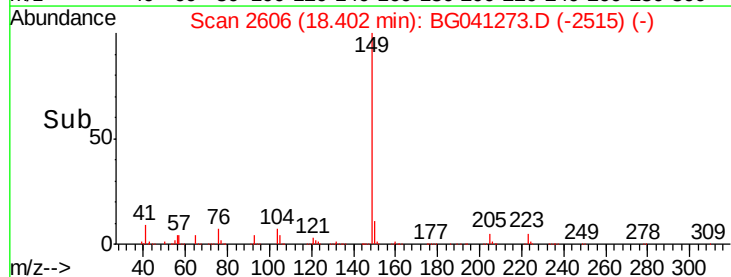
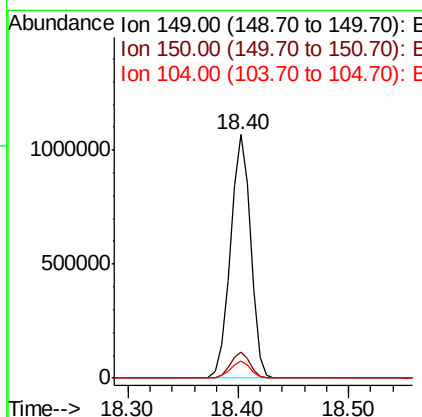
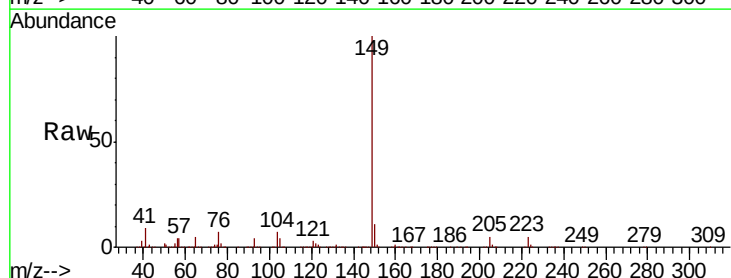
Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.9	26.9
139	13.6	10.7	16.1

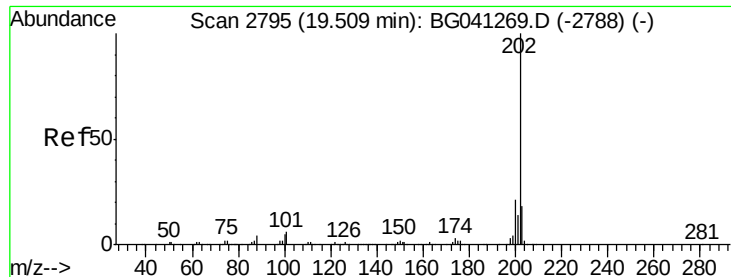


#74
 Di-n-butylphthalate
 Concen: 100.016 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG041273.D
 Acq: 17 Jun 2019 13:42

Tgt Ion:149 Resp: 1369832

Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.1	12.1
104	7.2	5.4	8.0





#75

Fluoranthene

Concen: 99.451 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampled :

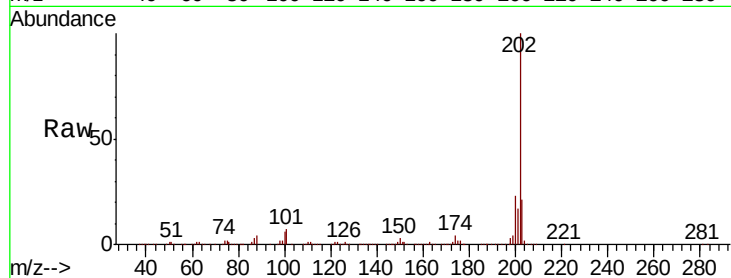
Tot Ion:202 Resp: 1647154

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.0

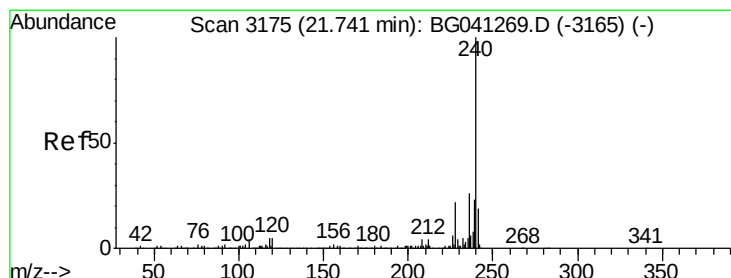
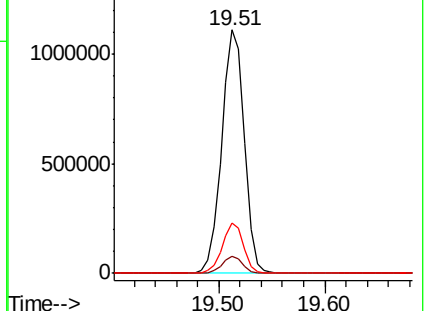
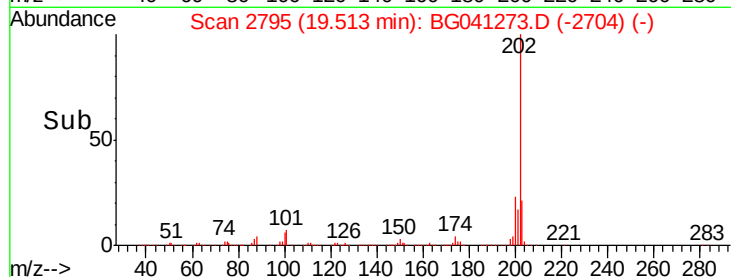
203 20.8 0.0 37.7



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: 21.75 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

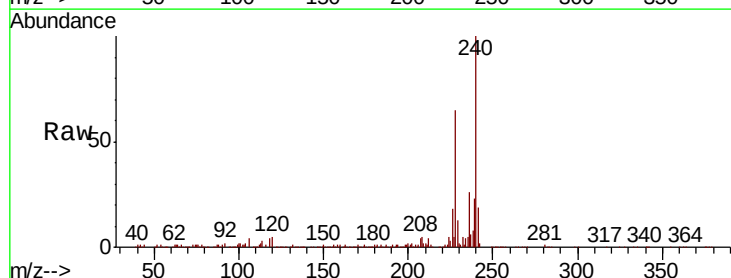
Tgt Ion:240 Resp: 257033

Ion Ratio Lower Upper

240 100

120 4.9 3.7 5.5

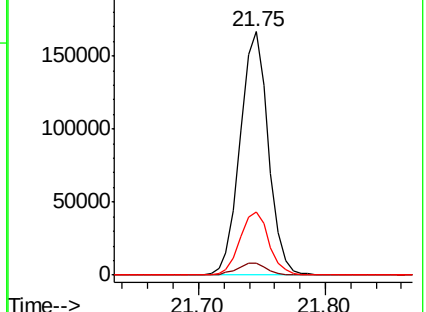
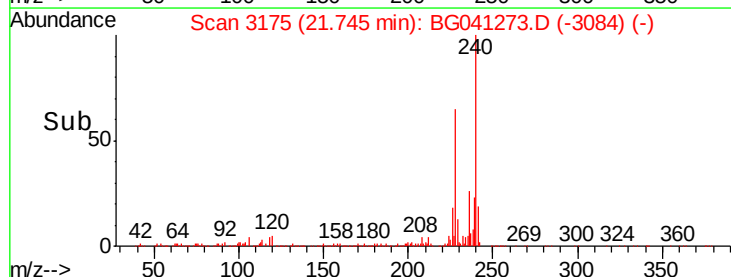
236 26.2 21.1 31.7

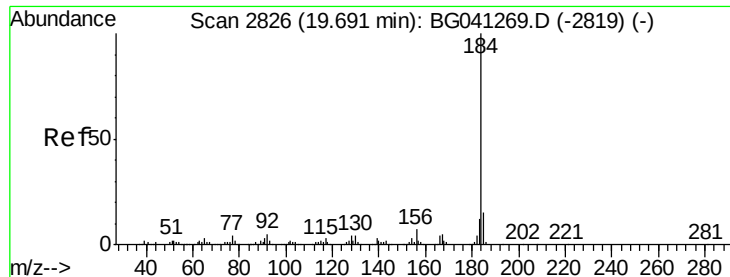


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 101.067 ng

RT: 19.70 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

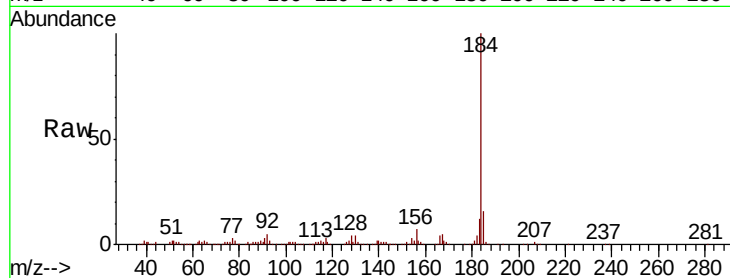
Tot Ion:184 Resp: 403319

Ion Ratio Lower Upper

184 100

185 16.4 12.2 18.2

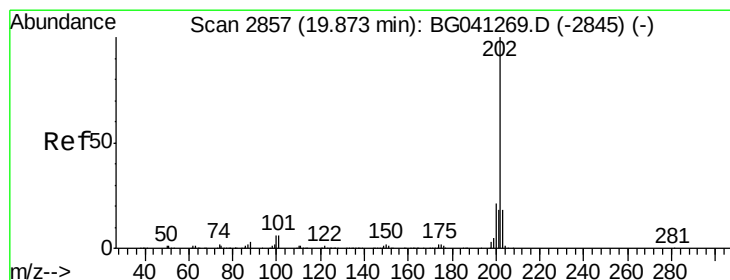
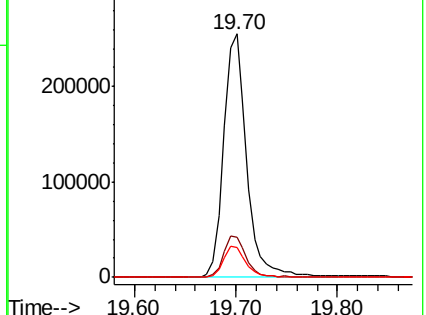
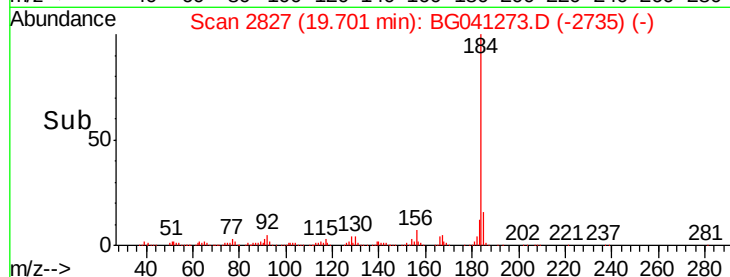
183 12.4 9.6 14.4



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: 92.434 ng

RT: 19.88 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

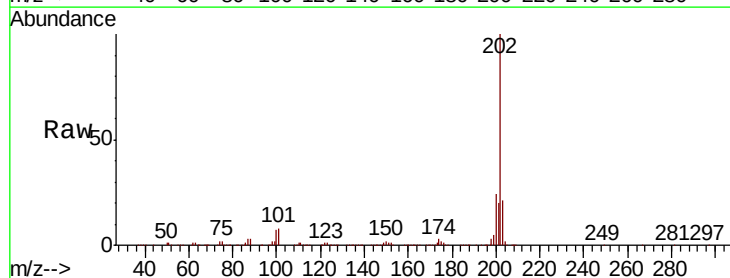
Tgt Ion:202 Resp: 1630973

Ion Ratio Lower Upper

202 100

200 23.6 16.8 25.2

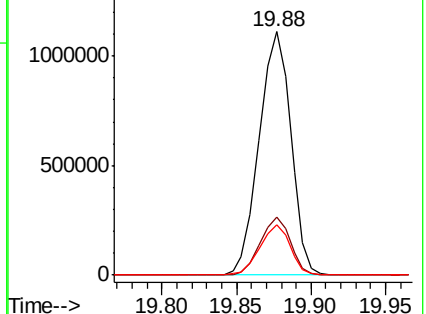
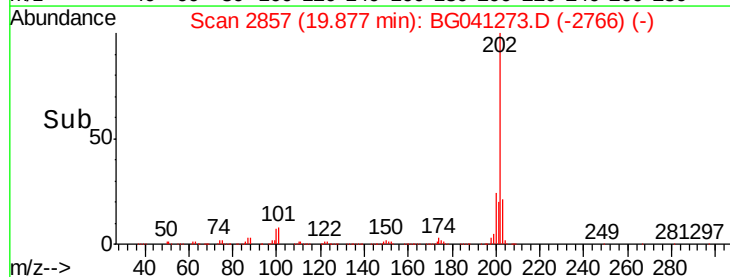
203 20.5 14.6 21.8

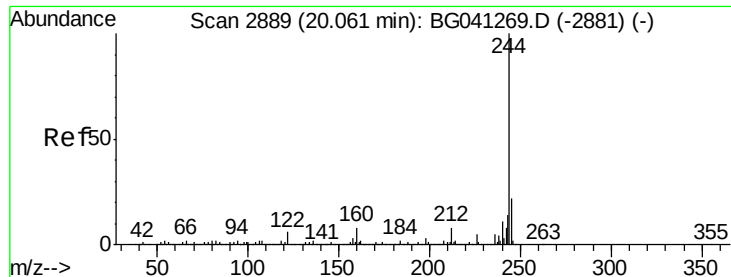


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 174.551 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

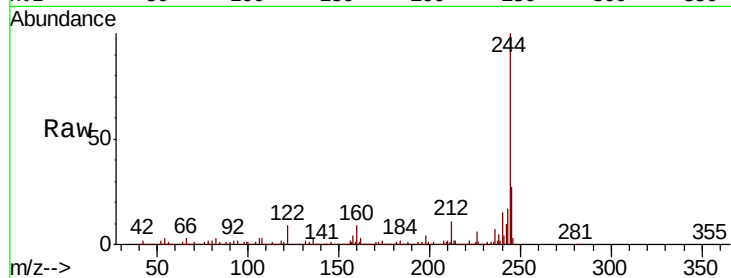
Tot Ion:244 Resp: 2288257

Ion Ratio Lower Upper

244 100

212 10.7 6.6 10.0#

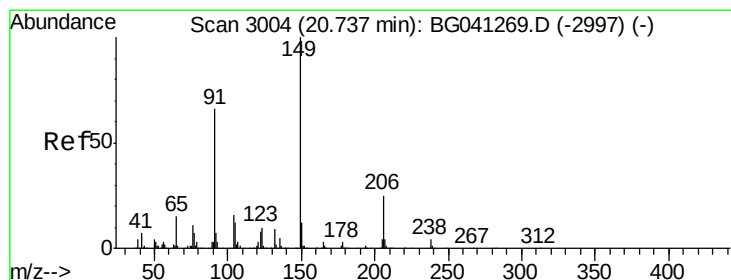
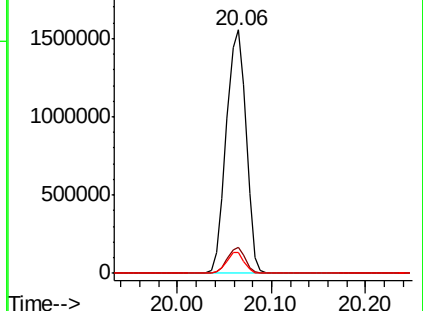
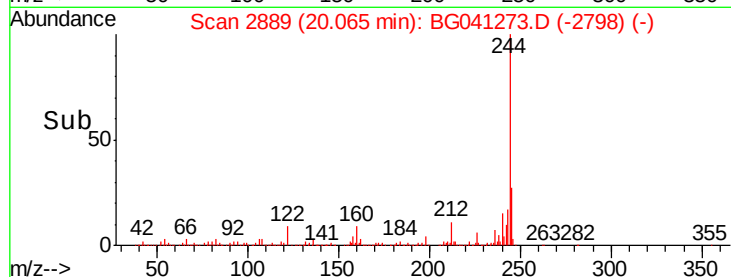
122 8.6 5.0 7.4#



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: 98.386 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

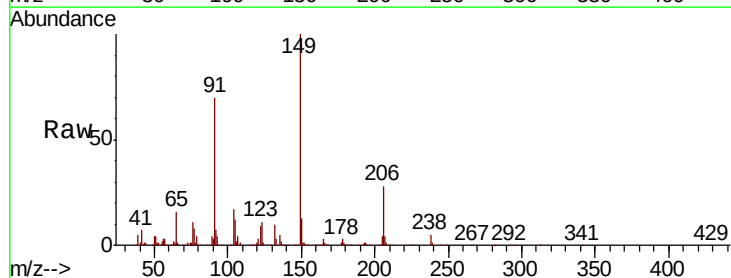
Tgt Ion:149 Resp: 664632

Ion Ratio Lower Upper

149 100

91 70.4 53.2 79.8

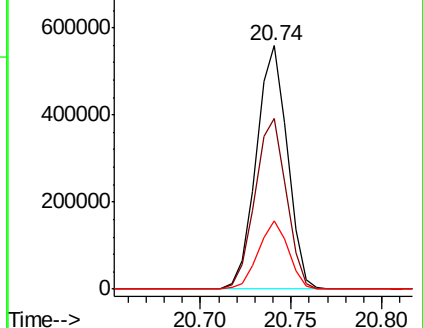
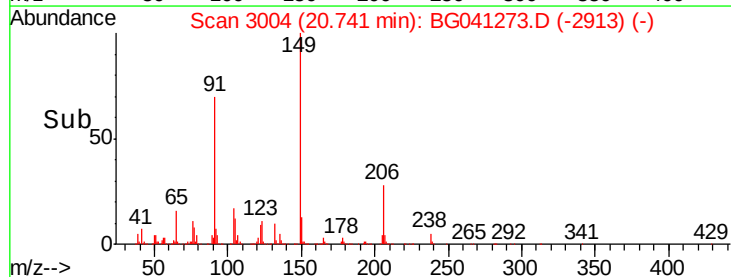
206 28.2 20.3 30.5

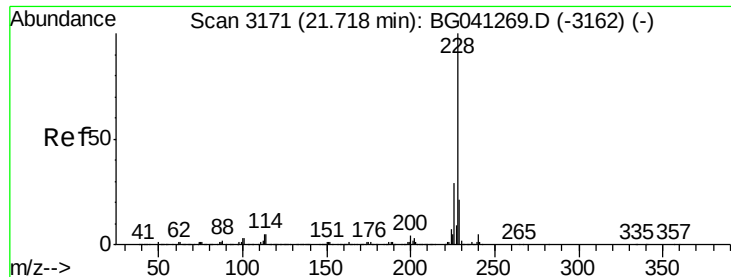


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 98.678 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

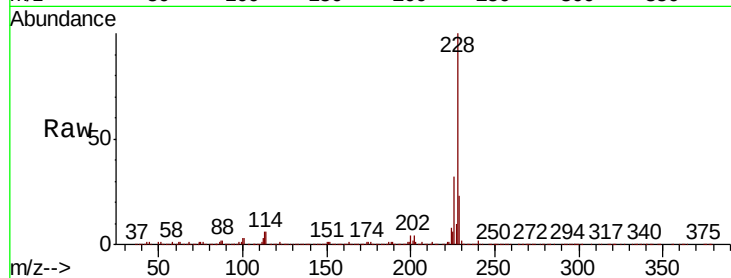
Tot Ion:228 Resp: 1677226

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.2	34.8
229	23.1	16.8	25.2

228 100

226 31.5 23.2 34.8

229 23.1 16.8 25.2

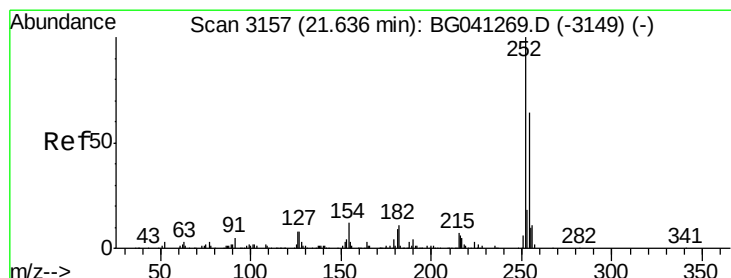
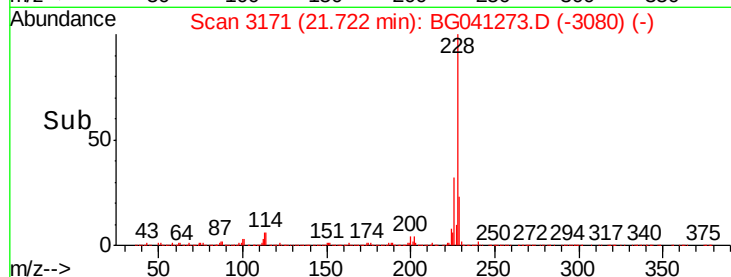
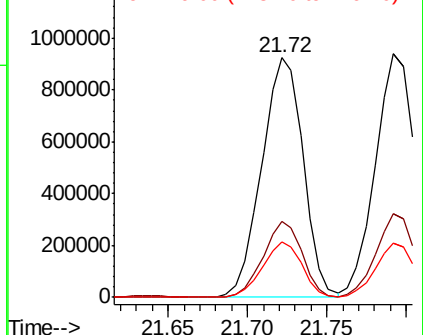


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 115.958 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

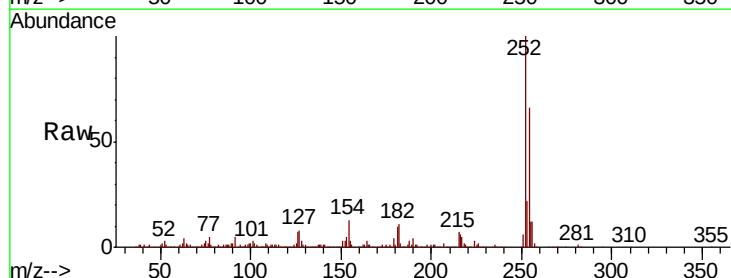
Tgt Ion:252 Resp: 606135

Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.4	77.0
126	7.0	6.0	9.0

252 100

254 66.2 51.4 77.0

126 7.0 6.0 9.0

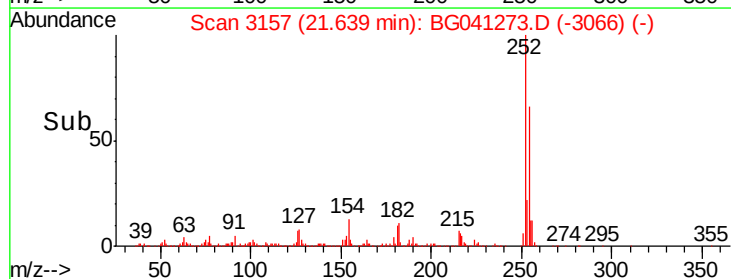
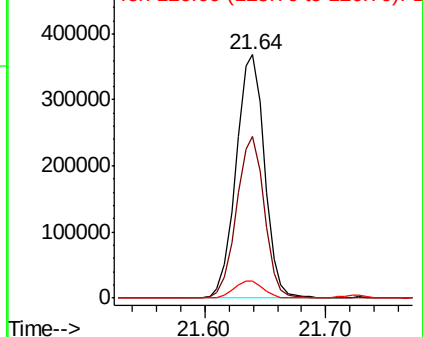


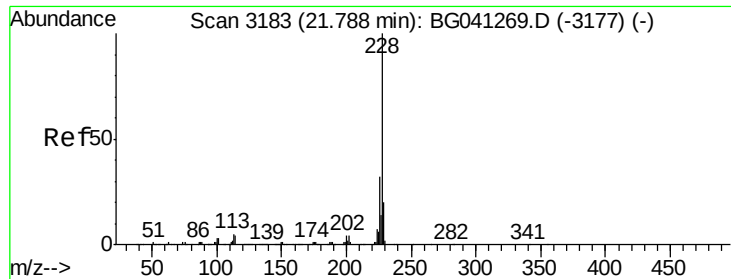
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 95.575 ng

RT: 21.79 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

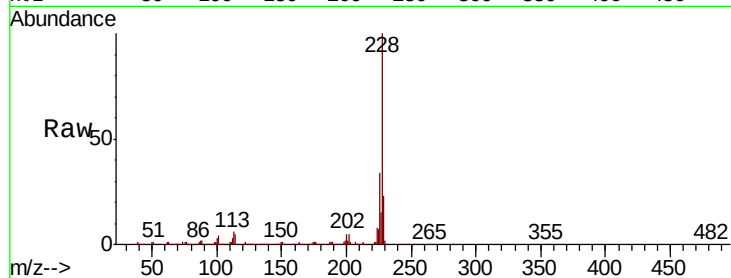
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1605677

Ion	Ratio	Lower	Upper
228	100		
226	34.3	25.4	38.0
229	22.5	16.2	24.2

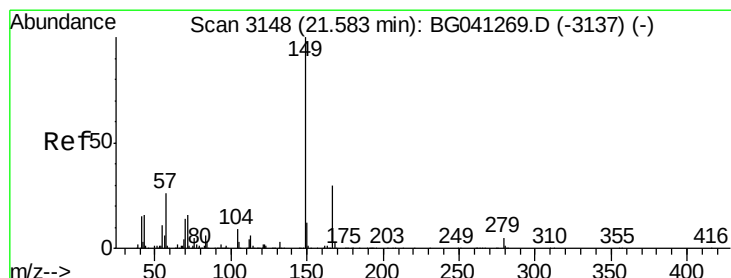
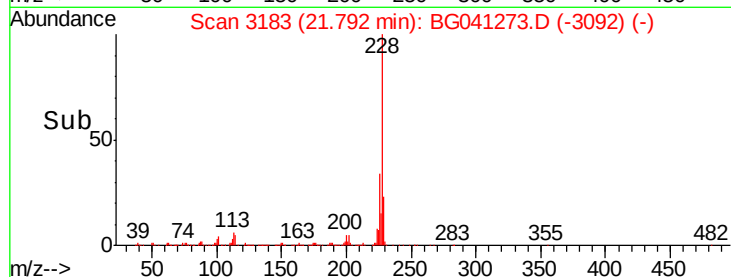
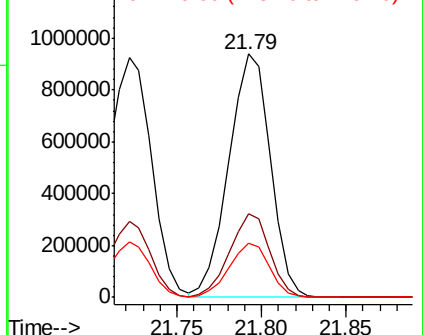


Abundance

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: 96.807 ng

RT: 21.59 min Scan# 3148

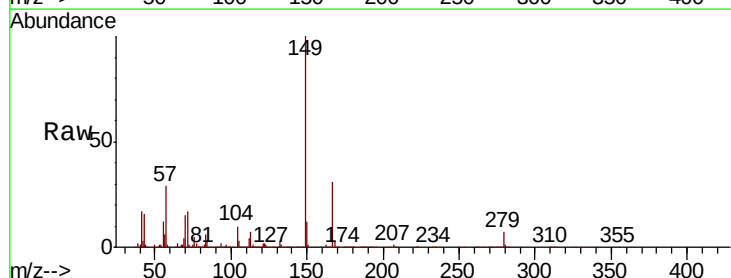
Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Tgt Ion:149 Resp: 910622

Ion	Ratio	Lower	Upper
149	100		
167	31.0	23.8	35.8
279	6.9	4.4	6.6#

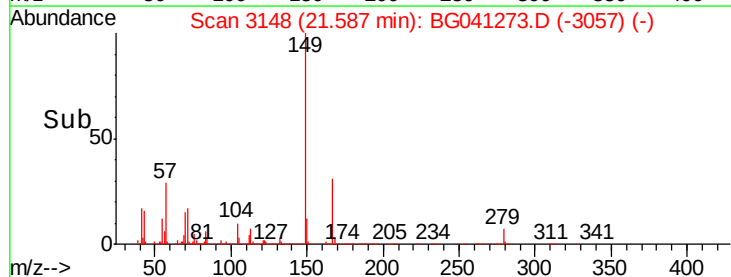
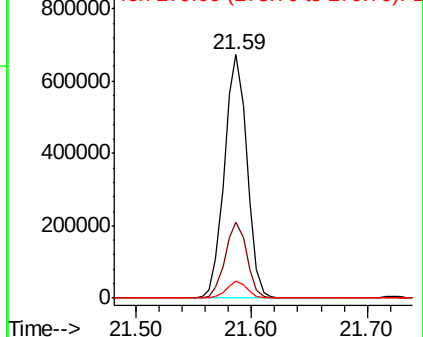


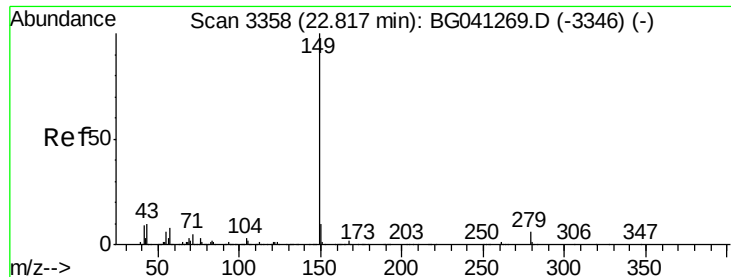
Abundance

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: 98.287 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

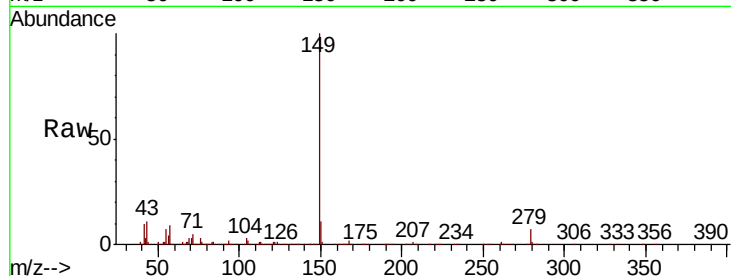
Instrument :

BNA_G

ClientSampled :

Tot Ion:149 Resp: 1534867

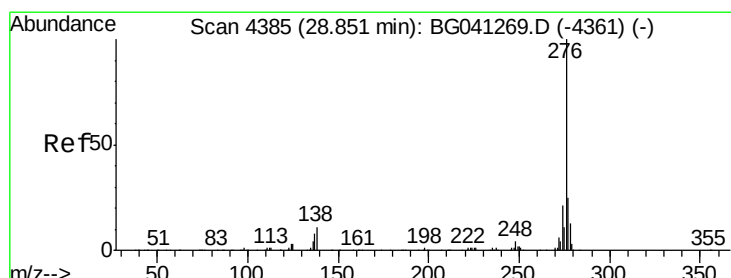
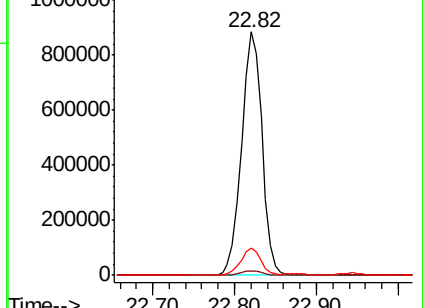
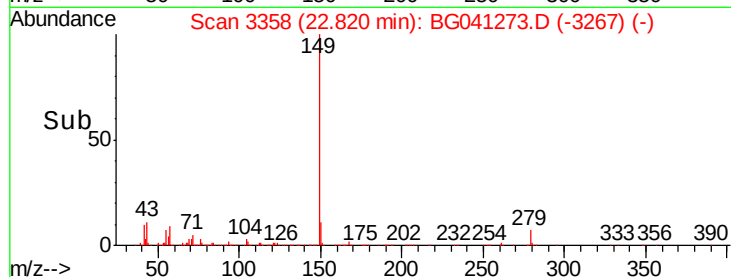
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	10.8	8.2	12.2



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: 204.069 ng

RT: 28.87 min Scan# 4388

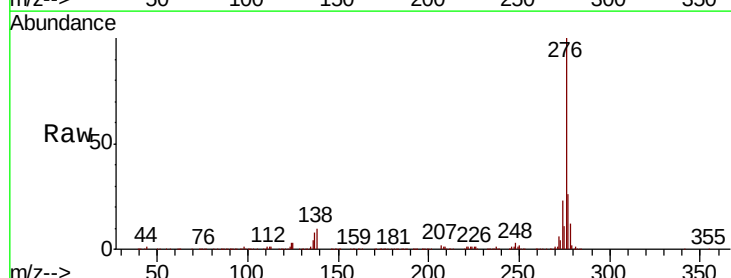
Delta R.T. 0.02 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Tgt Ion:276 Resp: 2058417

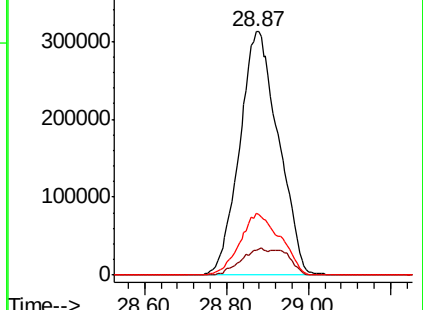
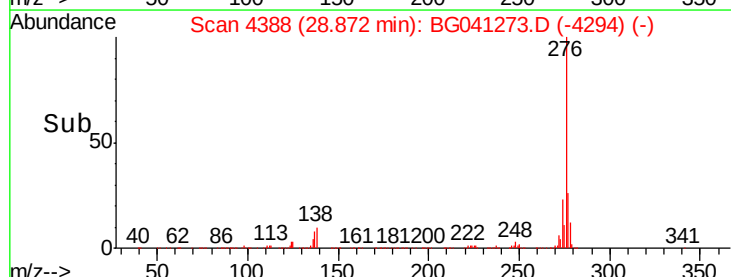
Ion	Ratio	Lower	Upper
276	100		
138	8.0	7.7	11.5
277	26.2	20.6	31.0

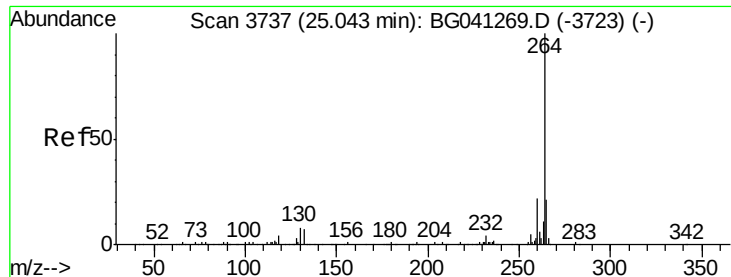


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Instrument :

BNA_G

ClientSampleId :

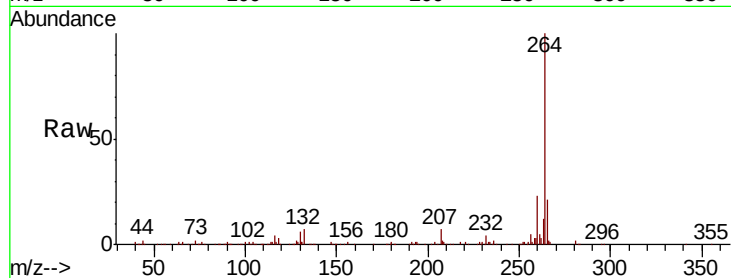
Tot Ion:264 Resp: 284040

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.2

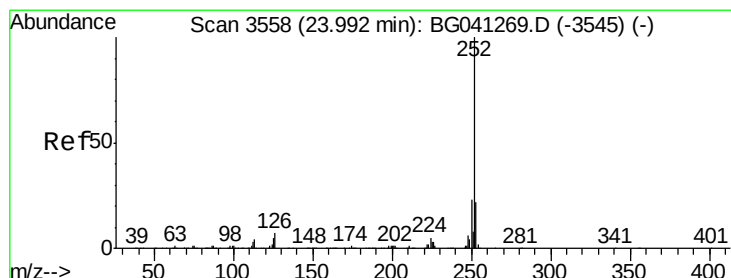
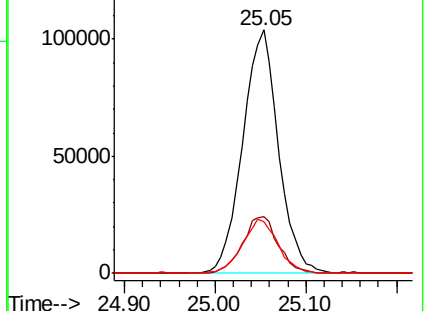
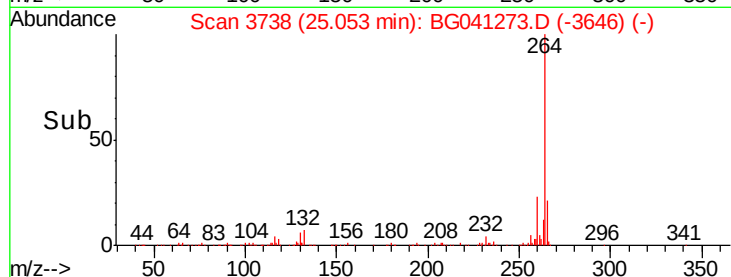
265 21.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 98.651 ng

RT: 24.00 min Scan# 3559

Delta R.T. 0.01 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

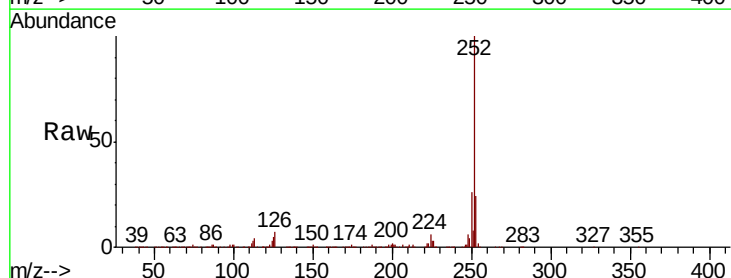
Tgt Ion:252 Resp: 1711916

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

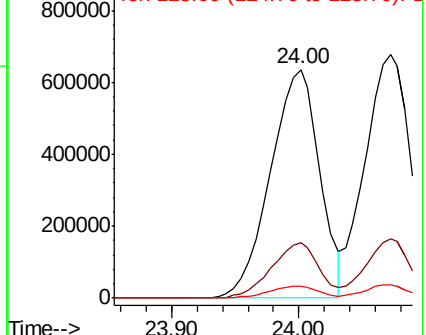
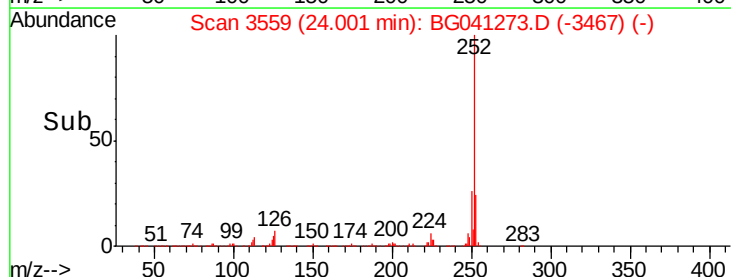
125 5.3 3.9 5.9

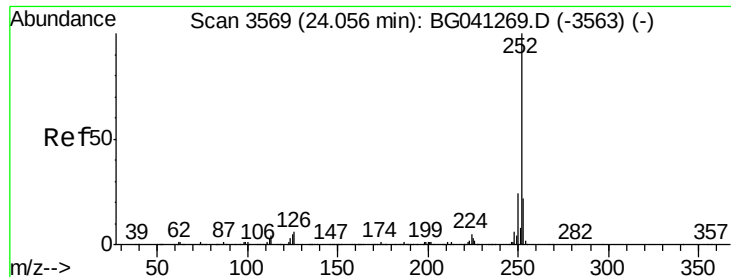


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

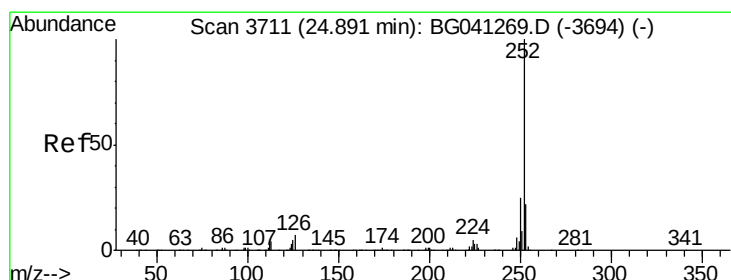
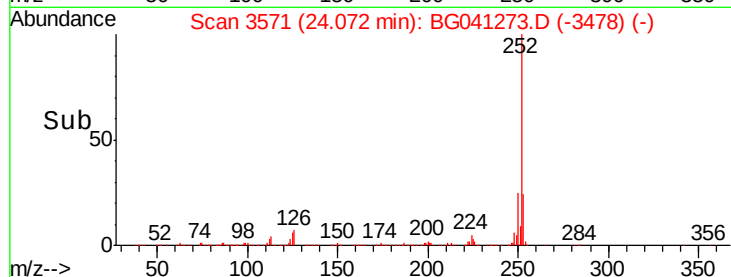
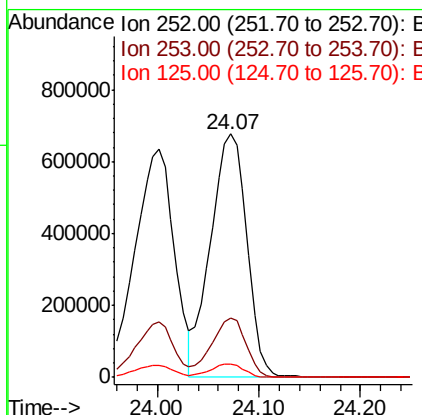
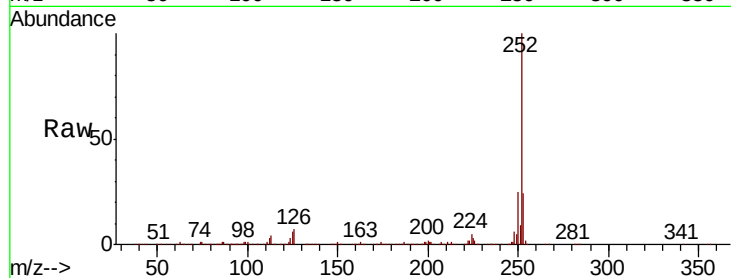




#89
Benzo(k)fluoranthene
Concen: 81.041 ng
RT: 24.07 min Scan# 3571
Delta R.T. 0.02 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

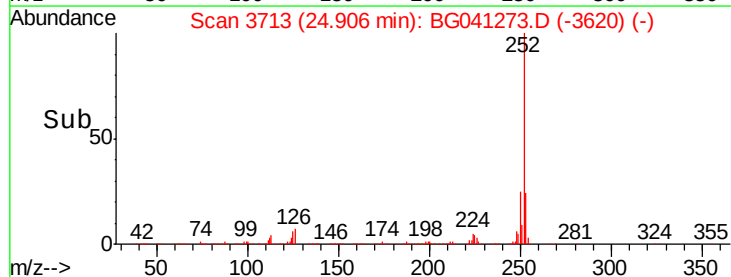
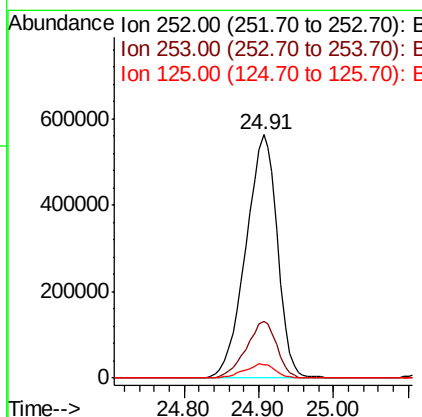
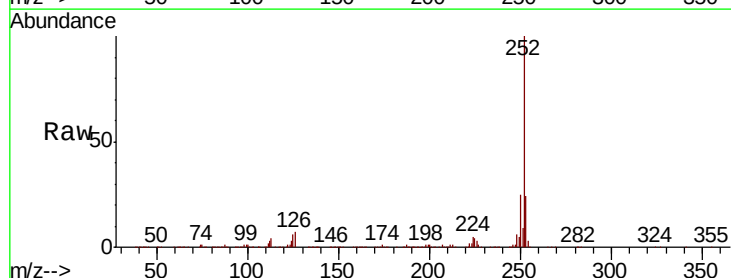
Instrument :
BNA_G
ClientSampled :

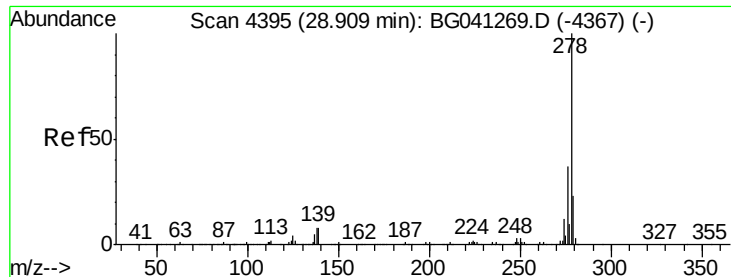
Tot Ion:252 Resp: 1678980
Ion Ratio Lower Upper
252 100
253 24.3 18.0 27.0
125 5.6 4.3 6.5



#90
Benzo(a)pyrene
Concen: 97.569 ng
RT: 24.91 min Scan# 3713
Delta R.T. 0.02 min
Lab File: BG041273.D
Acq: 17 Jun 2019 13:42

Tgt Ion:252 Resp: 1649481
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 5.5 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 169.809 ng

RT: 28.94 min Scan# 4399

Delta R.T. 0.03 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

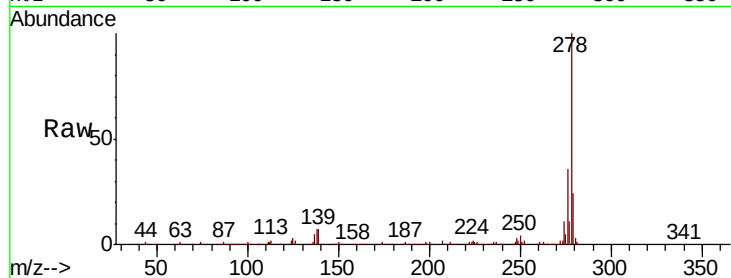
Instrument :

BNA_G

ClientSampled :

Tot Ion:278 Resp: 1647167

Ion	Ratio	Lower	Upper
278	100		
139	7.5	6.6	10.0
279	24.4	18.5	27.7

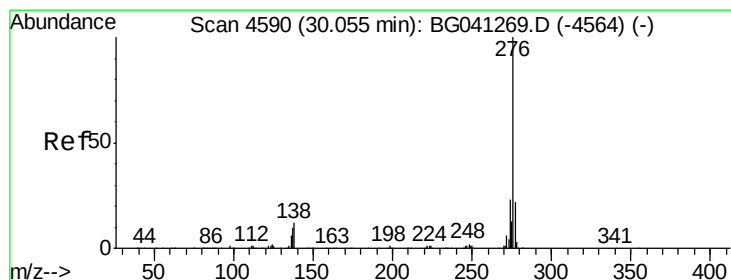
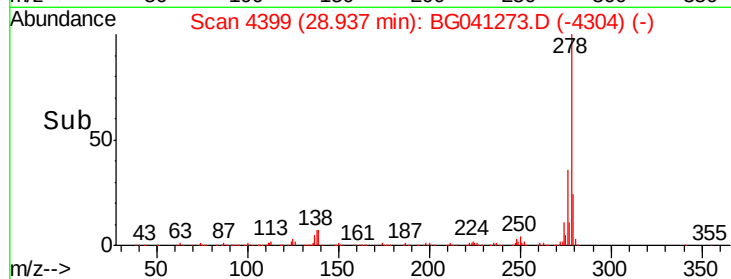
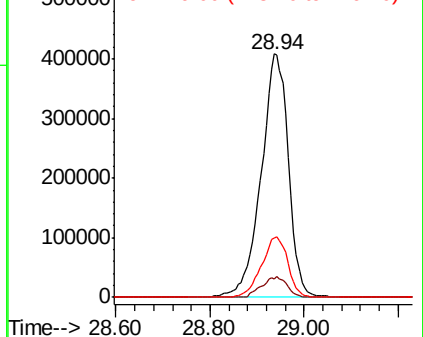


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 197.480 ng

RT: 30.09 min Scan# 4596

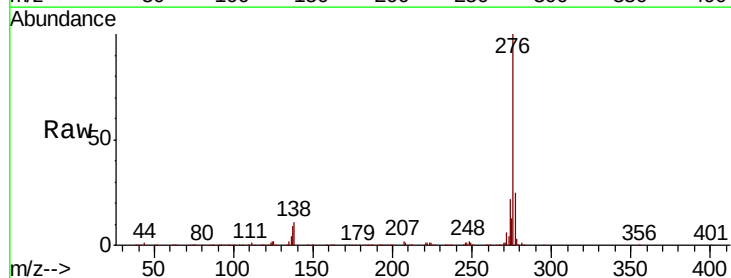
Delta R.T. 0.04 min

Lab File: BG041273.D

Acq: 17 Jun 2019 13:42

Tgt Ion:276 Resp: 1647939

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	10.6	9.4	14.0



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

