

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041376.D
 Acq On : 21 Jun 2019 13:25
 Operator : HP/JU
 Sample : PB120652BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Quant Time: Jun 21 15:09:21 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 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	30299	20.00	ng	-0.01
21) Naphthalene-d8	10.89	136	112104	20.00	ng	-0.02
39) Acenaphthene-d10	14.71	164	80098	20.00	ng	-0.01
64) Phenanthrene-d10	17.45	188	202792	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	217681	20.00	ng	-0.01
87) Perylene-d12	25.04	264	205093	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	246724	149.62	ng	-0.01
7) Phenol-d6	7.23	99	353241	147.78	ng	0.00
23) Nitrobenzene-d5	9.25	82	244475	91.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	177274	144.16	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	545261	92.52	ng	-0.01
79) Terphenyl-d14	20.05	244	1071541	97.55	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	25537	30.884	ng	95
3) Pyridine	3.87	79	70279	32.038	ng	94
4) n-Nitrosodimethylamine	3.79	42	47250	40.391	ng	# 93
6) Aniline	7.39	93	72379	21.785	ng	98
8) 2-Chlorophenol	7.63	128	87278	45.045	ng	98
9) Benzaldehyde	7.21	77	29465	19.273	ng	84
10) Phenol	7.25	94	116037	45.144	ng	98
11) bis(2-Chloroethyl)ether	7.49	93	77223	39.596	ng	96
12) 1,3-Dichlorobenzene	7.95	146	97013	39.988	ng	94
13) 1,4-Dichlorobenzene	8.11	146	101549	40.977	ng	98
14) 1,2-Dichlorobenzene	8.42	146	94308	39.843	ng	95
15) Benzyl Alcohol	8.32	79	83487	36.455	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	120192	37.647	ng	99
17) 2-Methylphenol	8.52	107	78958	42.968	ng	95
18) Hexachloroethane	9.15	117	39442	40.163	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	75541	39.075	ng	99
20) 3+4-Methylphenols	8.85	107	108967	44.544	ng	95
22) Acetophenone	8.90	105	139161	42.658	ng	# 96
24) Nitrobenzene	9.29	77	117619	43.874	ng	95
25) Isophorone	9.81	82	208866	42.710	ng	96
26) 2-Nitrophenol	10.00	139	52165	47.996	ng	96
27) 2,4-Dimethylphenol	10.05	122	88469	54.303	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	111204	43.642	ng	96
29) 2,4-Dichlorophenol	10.54	162	98887	48.953	ng	93
30) 1,2,4-Trichlorobenzene	10.75	180	111902	43.254	ng	96
31) Naphthalene	10.94	128	272816	44.778	ng	98
32) Benzoic acid	10.21	122	49684	46.848	ng	92
33) 4-Chloroaniline	11.07	127	32097	12.404	ng	# 93
34) Hexachlorobutadiene	11.20	225	83088	40.460	ng	97
35) Caprolactam	11.86	113	14439	20.763	ng	# 75
36) 4-Chloro-3-methylphenol	12.18	107	108531	46.514	ng	99
37) 2-Methylnaphthalene	12.54	142	199275	44.408	ng	97
38) 1-Methylnaphthalene	12.76	142	191687	44.647	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	146006	44.144	ng	99

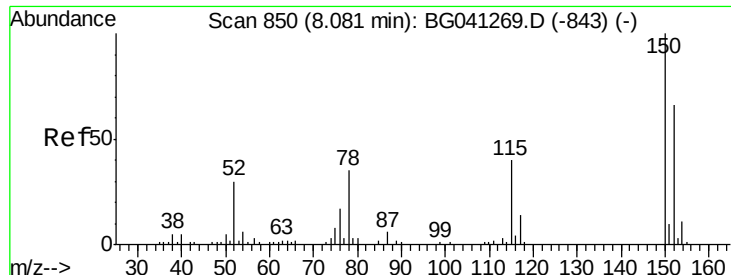
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
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 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	181123	81.298	ng	98
43) 2,4,6-Trichlorophenol	13.15	196	94319	46.098	ng	99
44) 2,4,5-Trichlorophenol	13.22	196	95488	45.357	ng	96
46) 1,1'-Biphenyl	13.54	154	272055	44.928	ng	99
47) 2-Chloronaphthalene	13.59	162	227953	43.725	ng	99
48) 2-Nitroaniline	13.80	65	78849	41.297	ng	93
49) Acenaphthylene	14.43	152	348037	43.994	ng	99
50) Dimethylphthalate	14.16	163	295149	41.414	ng	100
51) 2,6-Dinitrotoluene	14.29	165	66417	44.198	ng	93
52) Acenaphthene	14.77	154	199434	42.931	ng	99
53) 3-Nitroaniline	14.63	138	33012	22.297	ng	89
54) 2,4-Dinitrophenol	14.84	184	95761	88.103	ng	88
55) Dibenzofuran	15.11	168	354009	43.830	ng	96
56) 4-Nitrophenol	14.94	139	99915	88.479	ng	96
57) 2,4-Dinitrotoluene	15.08	165	93427	42.531	ng	# 96
58) Fluorene	15.76	166	277940	43.745	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	102884	47.258	ng	98
60) Diethylphthalate	15.51	149	303751	41.932	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	174701	42.261	ng	97
62) 4-Nitroaniline	15.80	138	60378	38.130	ng	92
63) Azobenzene	16.03	77	271626	42.032	ng	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	63146	47.973	ng	95
66) n-Nitrosodiphenylamine	15.96	169	252036	46.807	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	113656	43.344	ng	98
68) Hexachlorobenzene	16.75	284	119867	42.689	ng	98
69) Atrazine	16.90	200	113501	Below Cal		96
70) Pentachlorophenol	17.10	266	144353	100.398	ng	99
71) Phenanthrene	17.50	178	498564	46.096	ng	98
72) Anthracene	17.59	178	503838	47.252	ng	100
73) Carbazole	17.86	167	452394	48.501	ng	99
74) Di-n-butylphthalate	18.39	149	547000	46.999	ng	99
75) Fluoranthene	19.50	202	683009	47.534	ng	98
77) Benzidine	19.69	184	134050	25.460	ng	100
78) Pyrene	19.87	202	685951	46.725	ng	100
80) Butylbenzylphthalate	20.73	149	258352	46.526	ng	95
81) Benzo(a)anthracene	21.71	228	645562	43.800	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	141304	27.311	ng	99
83) Chrysene	21.78	228	646131	45.585	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	347382	45.905	ng	100
85) Di-n-octyl phthalate	22.81	149	595128	46.484	ng	99
86) Indeno(1,2,3-cd)pyrene	28.85	276	768091	45.674	ng	99
88) Benzo(b)fluoranthene	23.98	252	655277	51.555	ng	99
89) Benzo(k)fluoranthene	24.05	252	650927	51.696	ng	100
90) Benzo(a)pyrene	24.89	252	635575	52.948	ng	100
91) Dibenzo(a,h)anthracene	28.92	278	640513	53.001	ng	98
92) Benzo(g,h,i)perylene	30.06	276	635304	53.195	ng	98

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

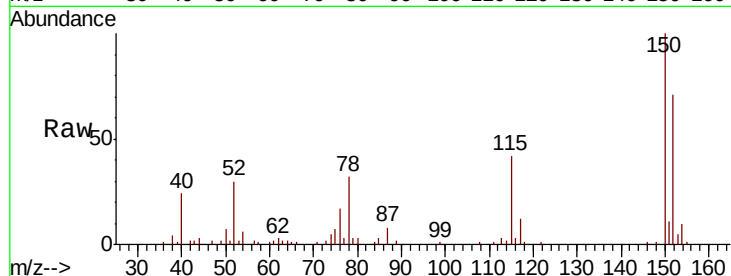


#1

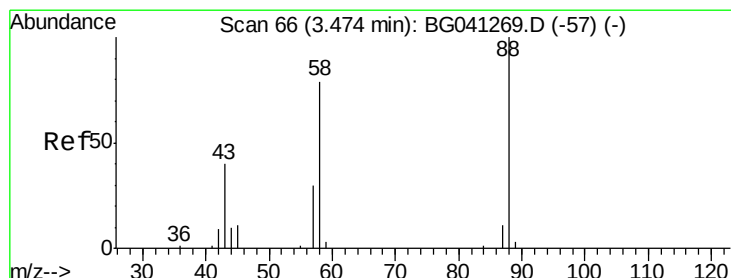
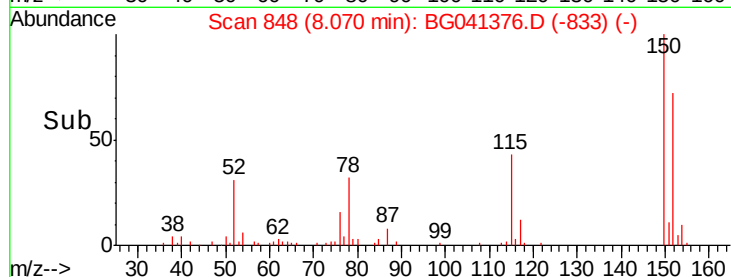
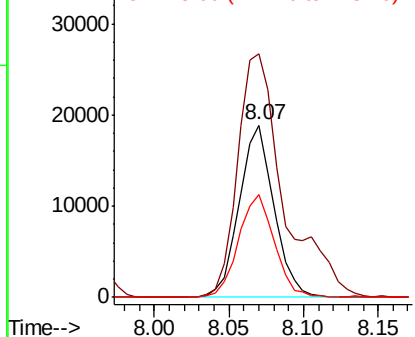
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:152 Resp: 30299
Ion Ratio Lower Upper
152 100
150 141.2 120.6 181.0
115 59.5 47.9 71.9



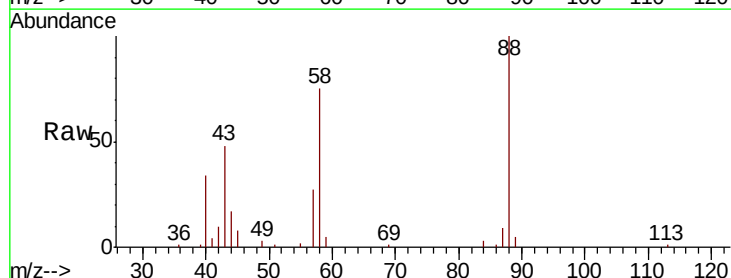
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



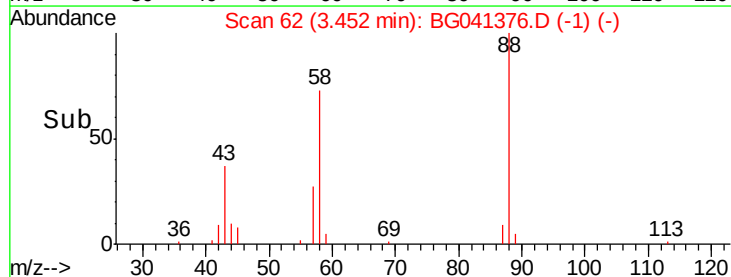
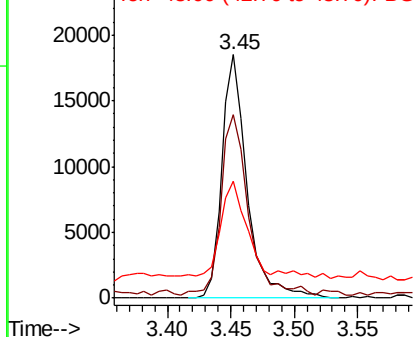
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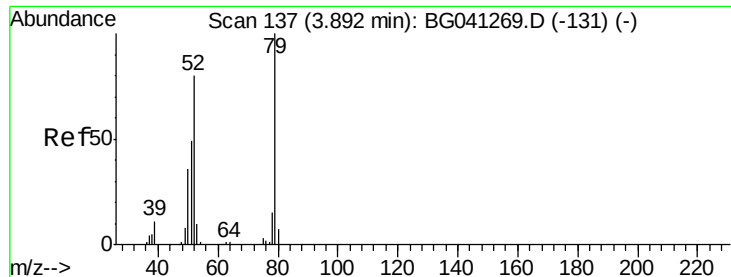
1,4-Dioxane
Concen: 30.884 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.02 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion: 88 Resp: 25537
Ion Ratio Lower Upper
88 100
58 79.9 59.7 89.5
43 38.9 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

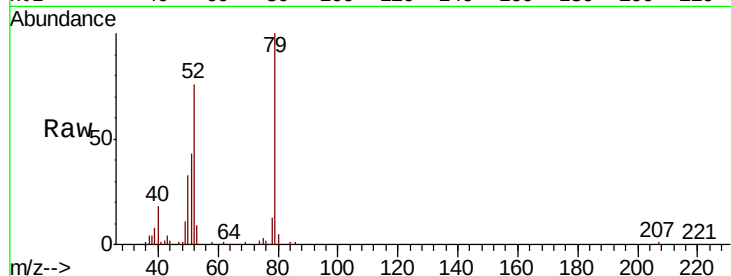




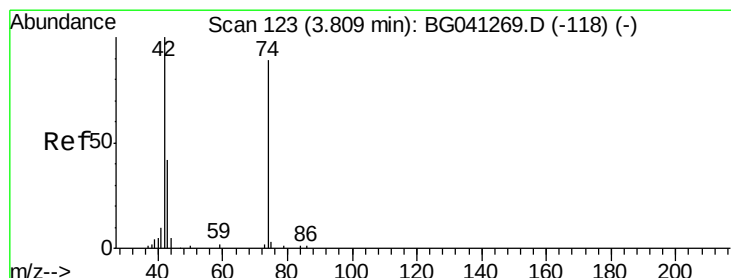
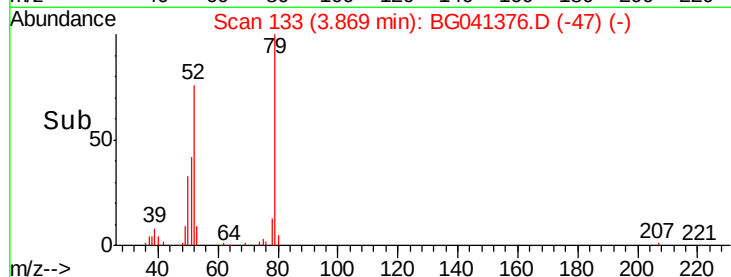
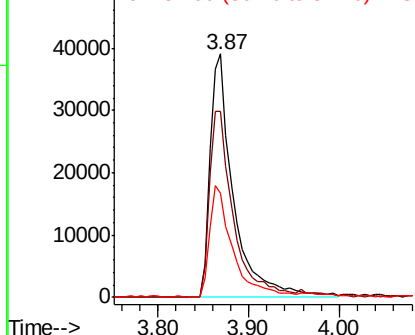
#3
 Pvridine
 Concen: 32.038 ng
 RT: 3.87 min Scan# 133
 Delta R.T. -0.02 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion: 79 Resp: 70279
 Ion Ratio Lower Upper
 79 100
 52 76.3 63.6 95.4
 51 42.7 39.8 59.6

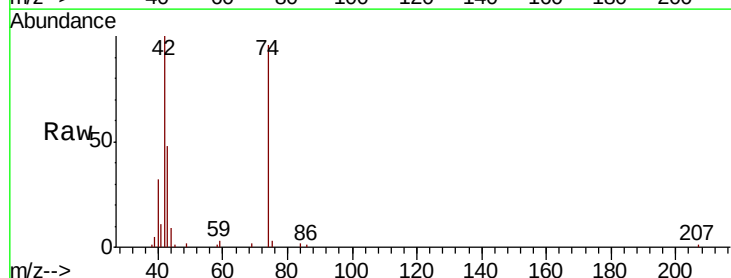


Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC

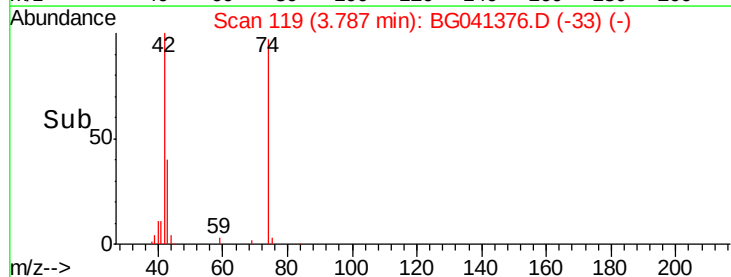
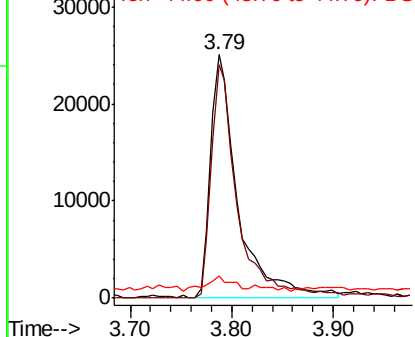


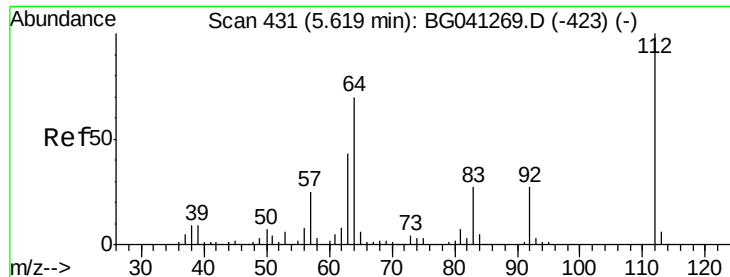
#4
 n-Nitrosodimethylamine
 Concen: 40.391 ng
 RT: 3.79 min Scan# 119
 Delta R.T. -0.02 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion: 42 Resp: 47250
 Ion Ratio Lower Upper
 42 100
 74 96.0 71.6 107.4
 44 8.9 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: 149.620 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

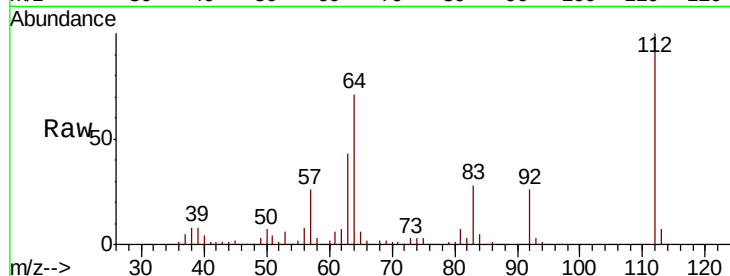
Tot Ion:112 Resp: 246724

Ion Ratio Lower Upper

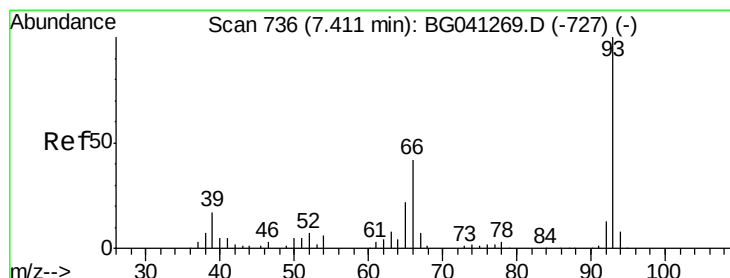
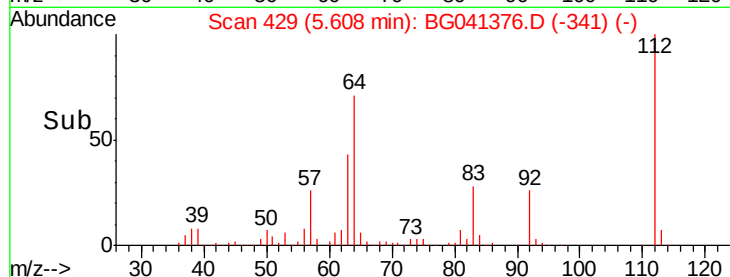
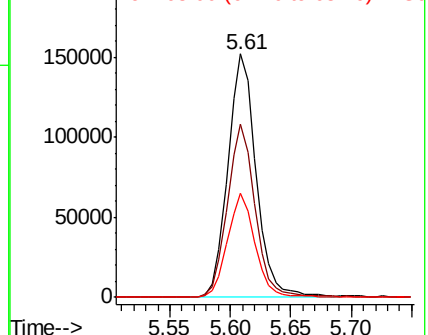
112 100

64 71.4 55.9 83.9

63 42.8 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: 21.785 ng

RT: 7.39 min Scan# 733

Delta R.T. -0.02 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

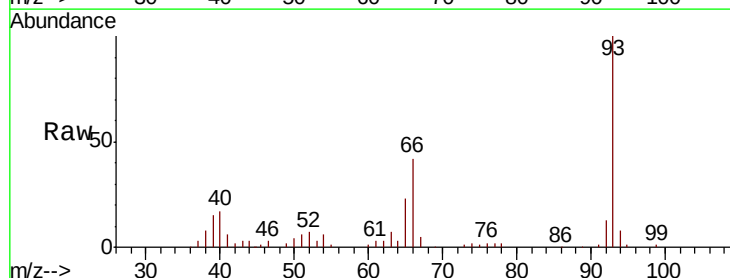
Tgt Ion: 93 Resp: 72379

Ion Ratio Lower Upper

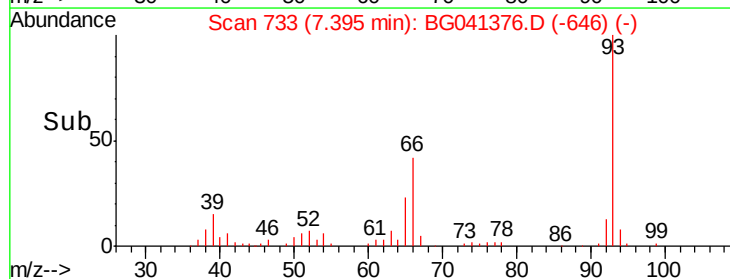
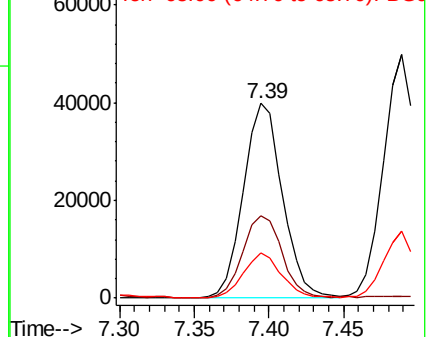
93 100

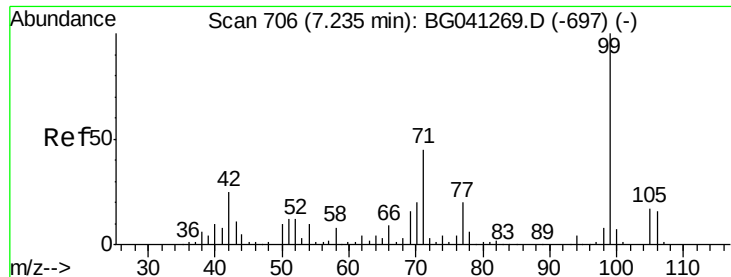
66 42.1 34.2 51.2

65 23.4 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: 147.784 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

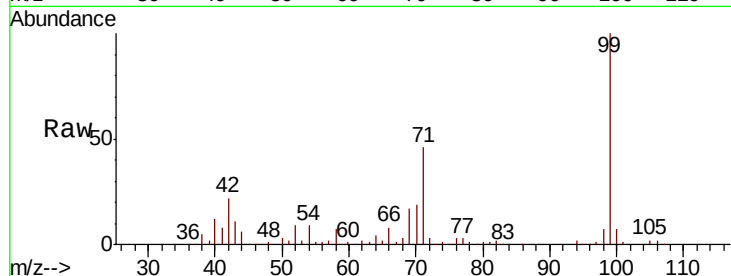
Tot Ion: 99 Resp: 353241

Ion Ratio Lower Upper

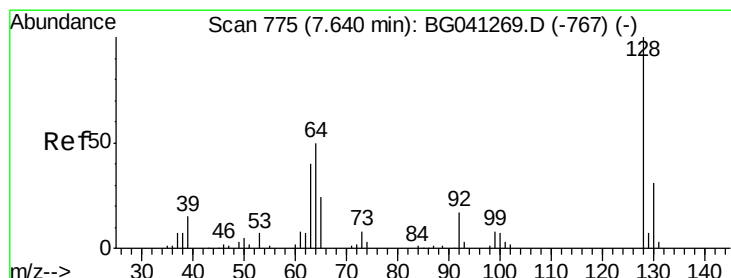
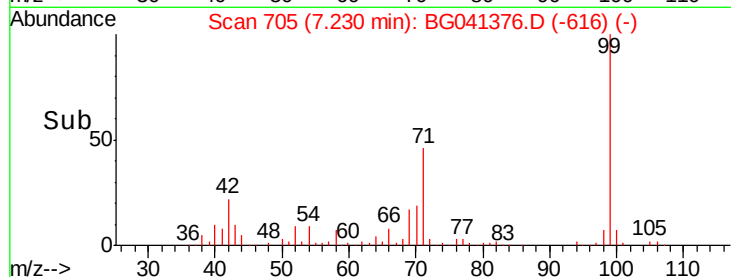
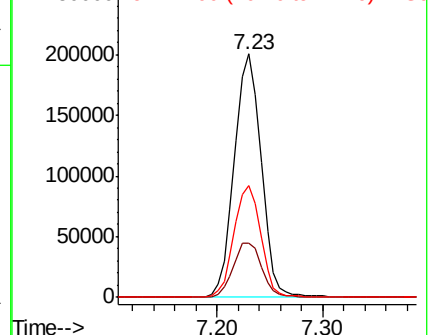
99 100

42 22.5 19.9 29.9

71 45.9 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: 45.045 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

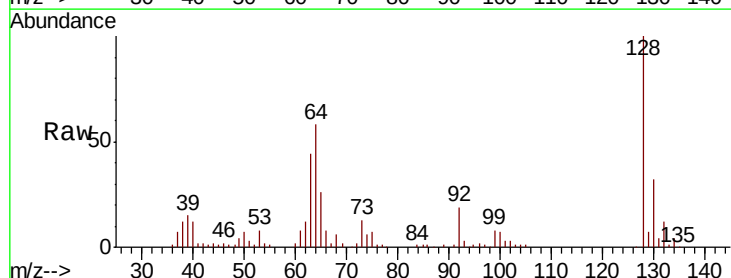
Tgt Ion: 128 Resp: 87278

Ion Ratio Lower Upper

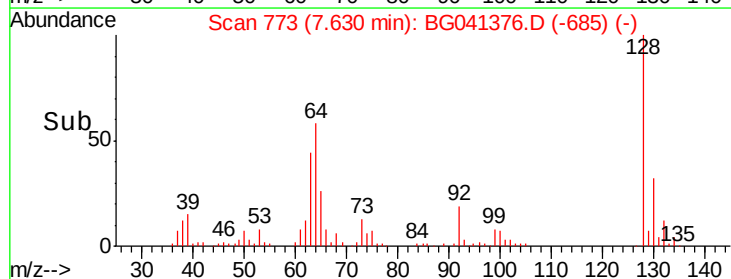
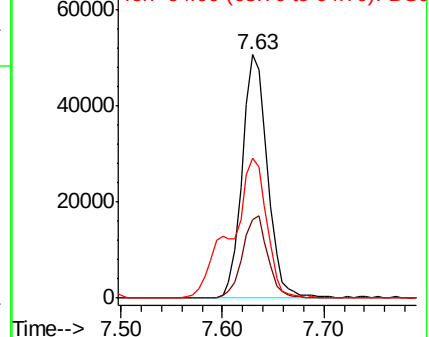
128 100

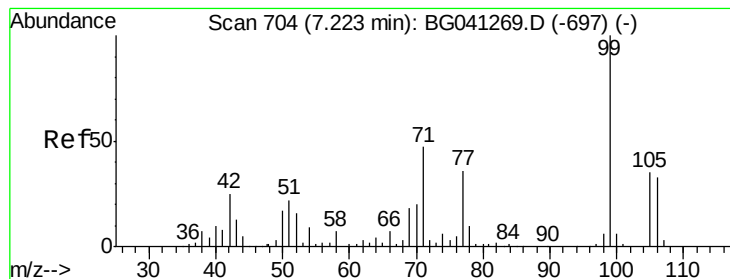
130 32.2 11.1 51.1

64 57.7 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: 19.273 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

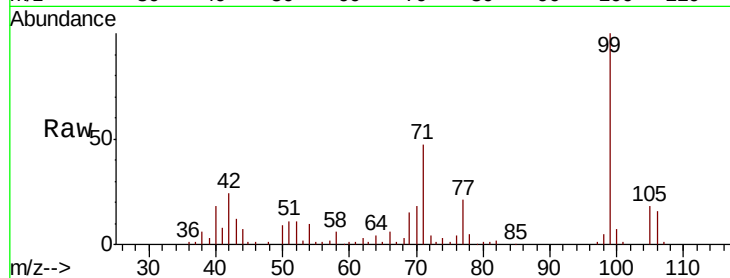
Tot Ion: 77 Resp: 29465

Ion Ratio Lower Upper

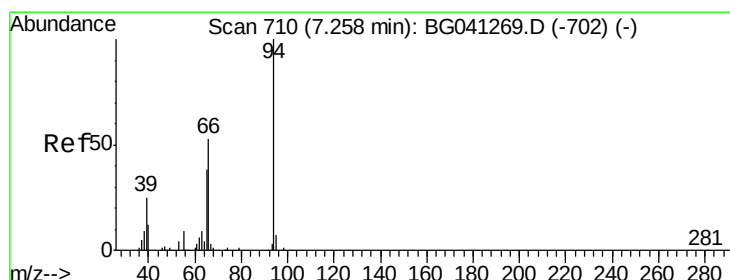
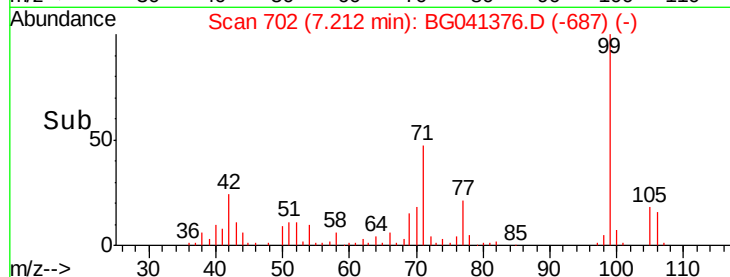
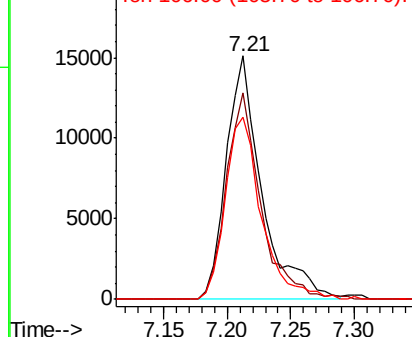
77 100

105 84.9 78.7 118.7

106 74.6 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: 45.144 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

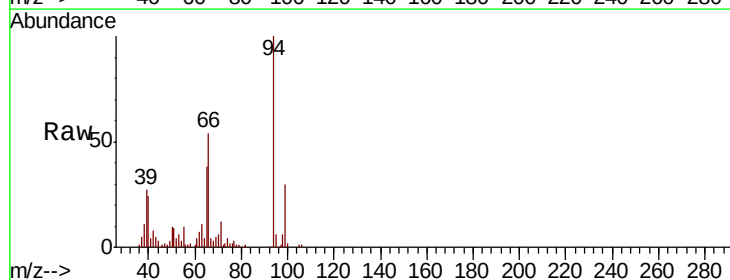
Tgt Ion: 94 Resp: 116037

Ion Ratio Lower Upper

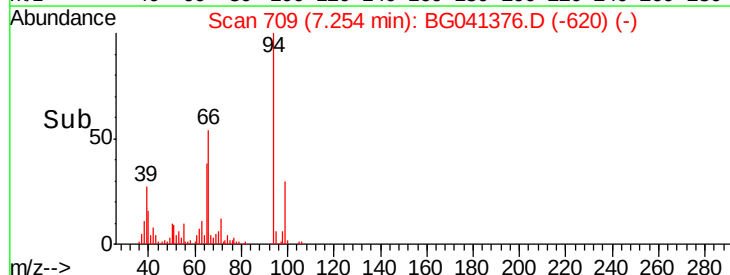
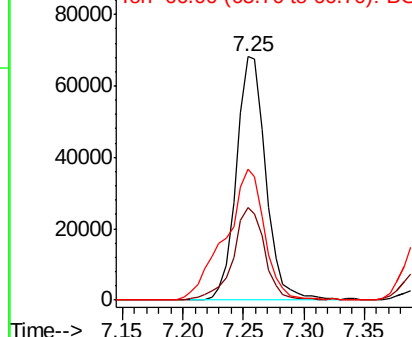
94 100

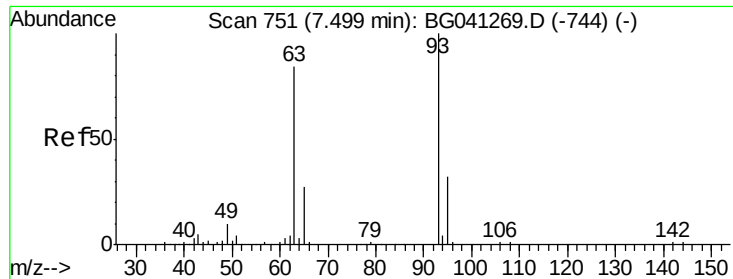
65 38.3 18.7 58.7

66 54.0 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

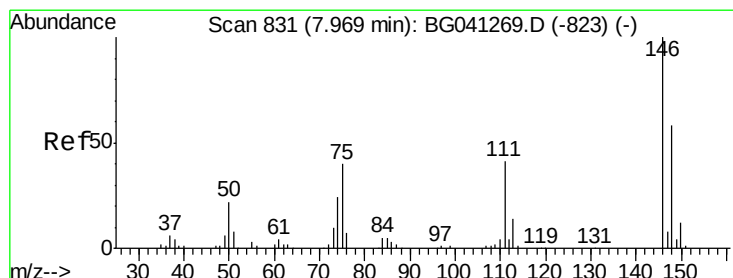
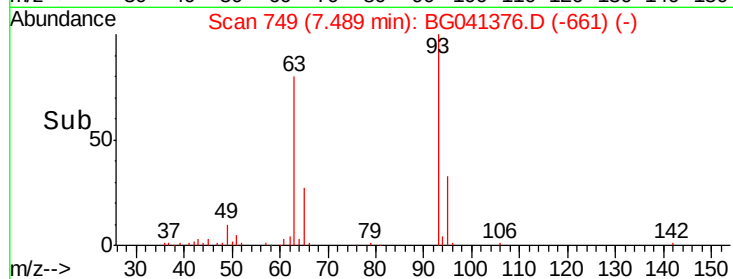
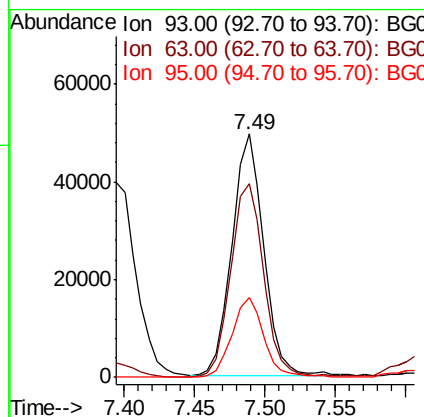
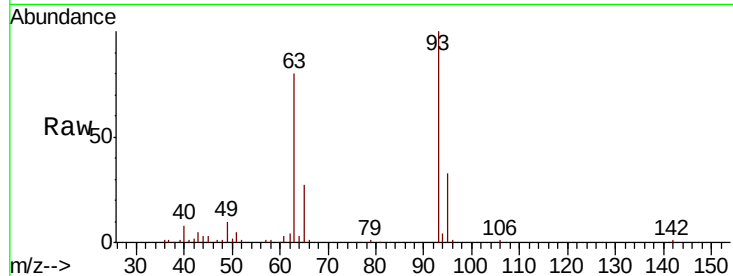




#11
 bis(2-Chloroethyl)ether
 Concen: 39.596 ng
 RT: 7.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

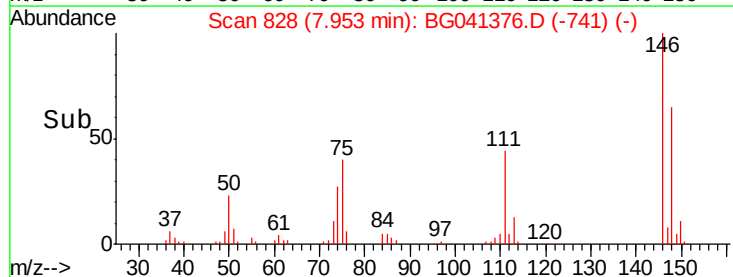
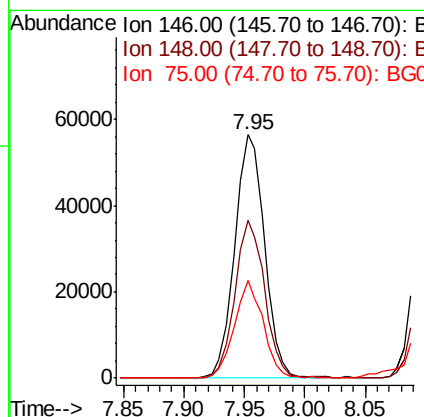
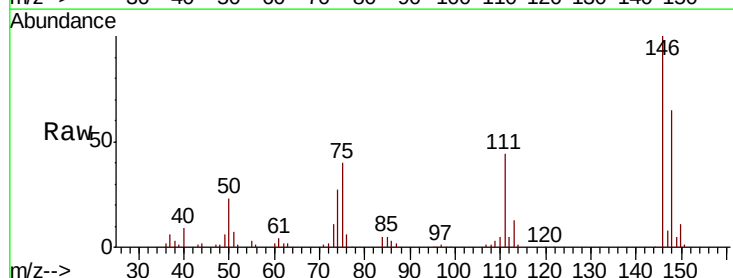
Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

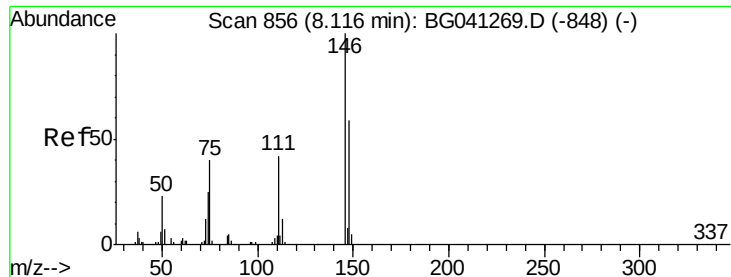
Tot Ion: 93 Resp: 77223
 Ion Ratio Lower Upper
 93 100
 63 79.6 63.6 103.6
 95 32.9 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.988 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion: 146 Resp: 97013
 Ion Ratio Lower Upper
 146 100
 148 65.1 46.5 69.7
 75 40.0 32.2 48.4

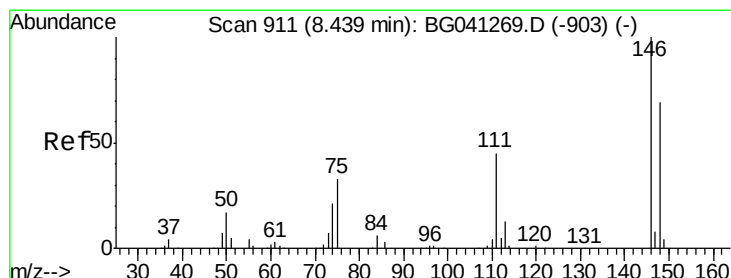
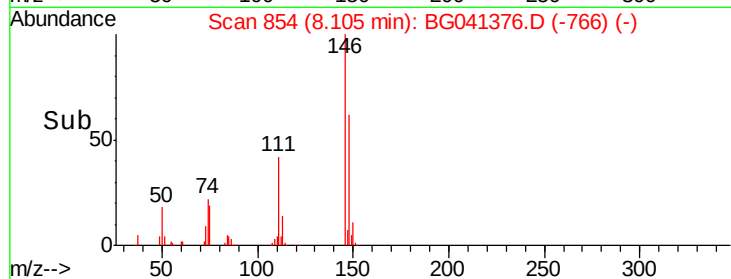
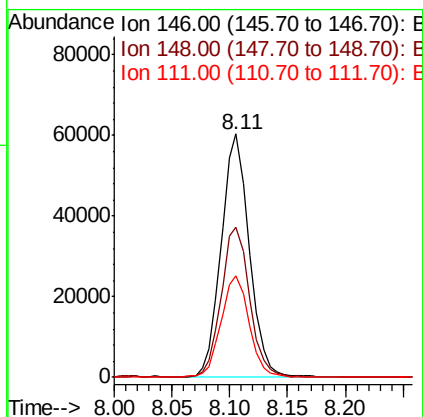
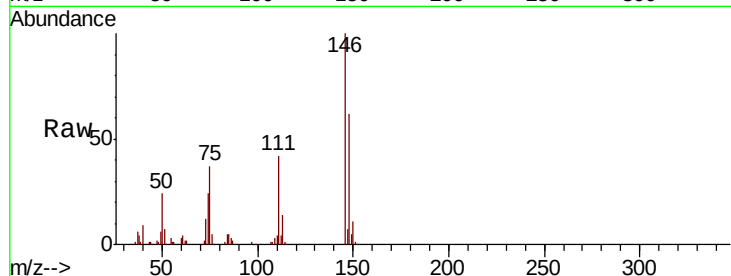




#13
 1,4-Dichlorobenzene
 Concen: 40.977 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

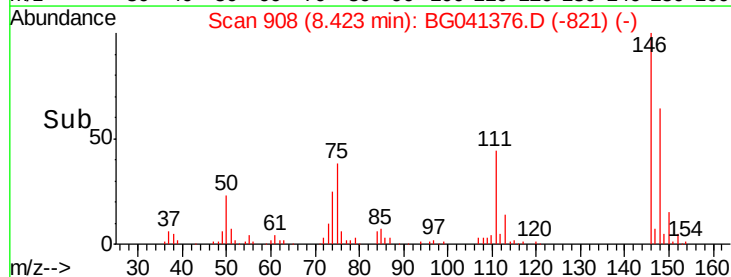
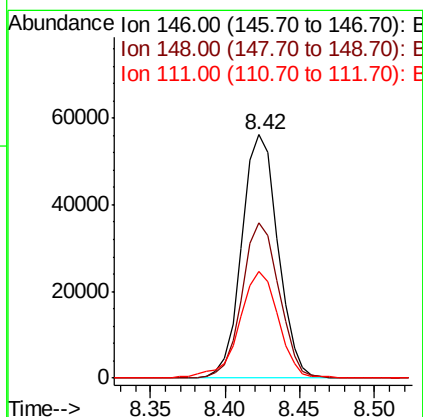
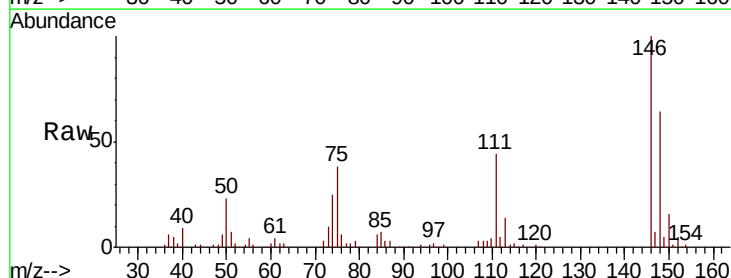
Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

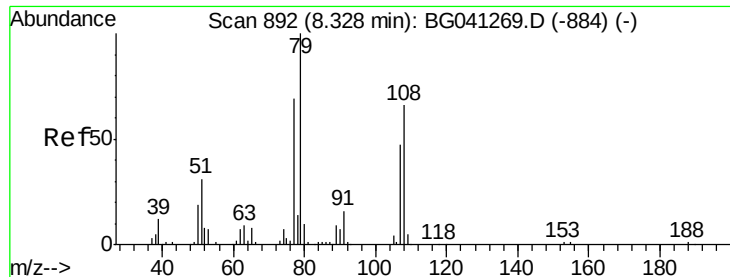
Tot Ion:146 Resp: 101549
 Ion Ratio Lower Upper
 146 100
 148 61.6 47.3 70.9
 111 41.6 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 39.843 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion:146 Resp: 94308
 Ion Ratio Lower Upper
 146 100
 148 63.9 54.9 82.3
 111 43.7 37.0 55.6

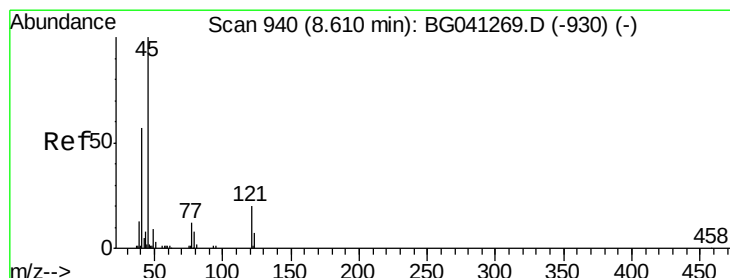
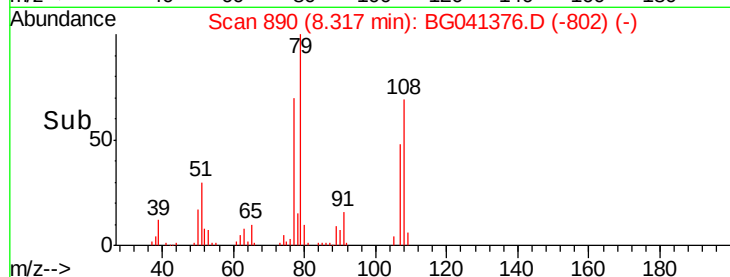
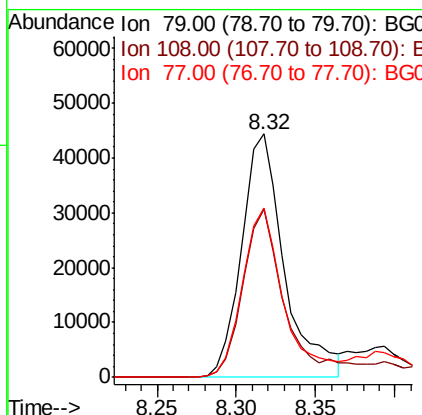
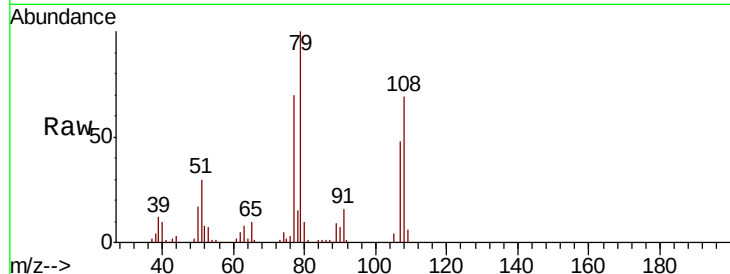




#15
Benzyl Alcohol
Concen: 36.455 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

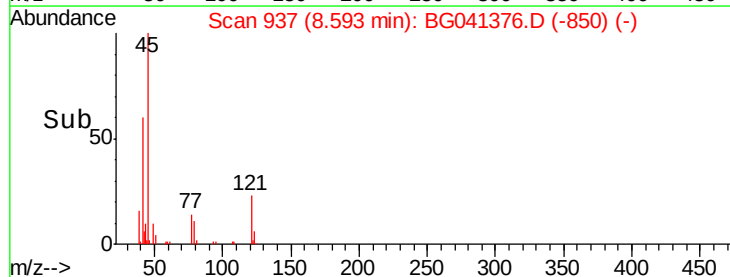
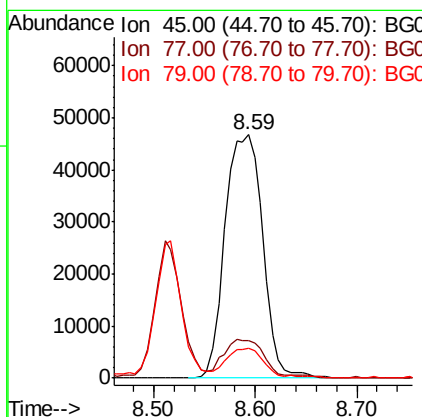
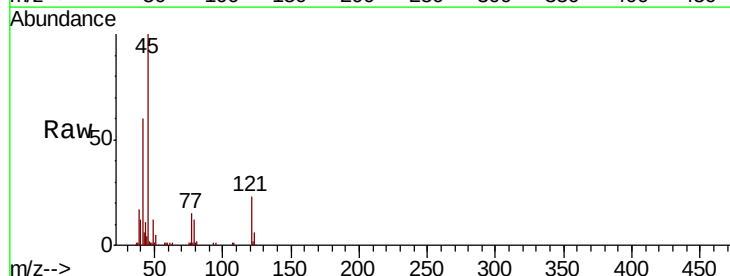
Instrument :
BNA_G
ClientSampleId :
PB120652BS

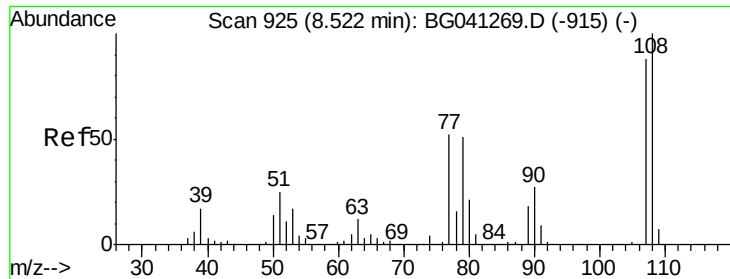
Tot Ion	Ratio	Lower	Upper
79	100		
108	68.8	52.7	79.1
77	69.6	55.2	82.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.647 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.02 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	35.2
79	12.1	0.0	31.6

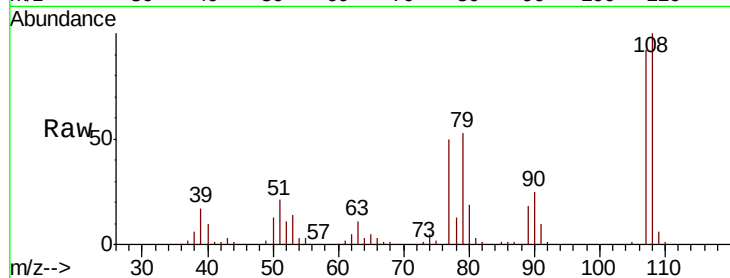




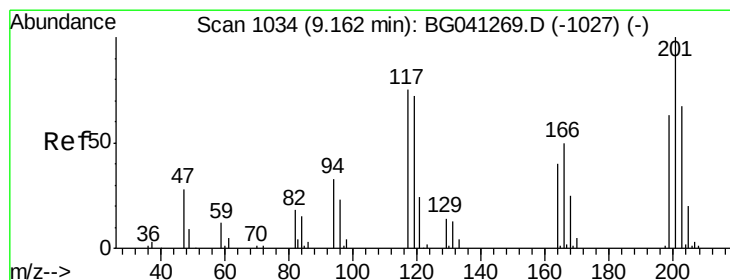
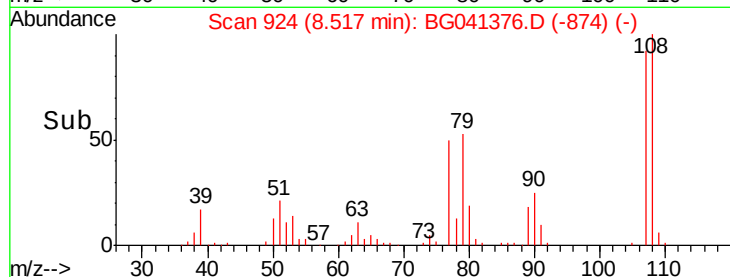
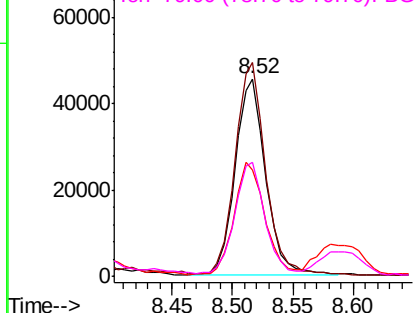
#17
2-Methylphenol
Concen: 42.968 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleID :
PB120652BS

Tot Ion:107 Resp: 78958
Ion Ratio Lower Upper
107 100
108 108.3 91.7 137.5
77 53.8 47.8 71.8
79 57.7 46.8 70.2

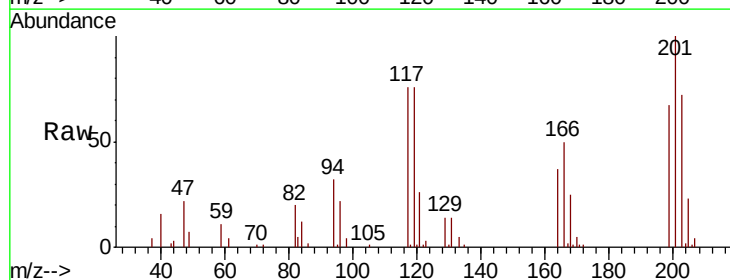


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

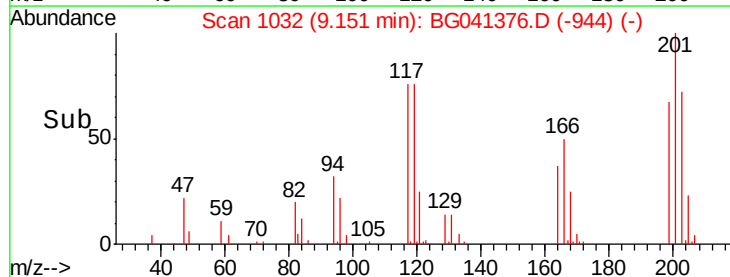
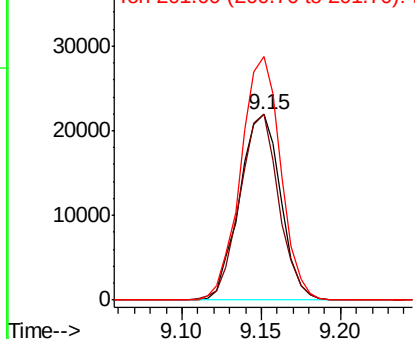


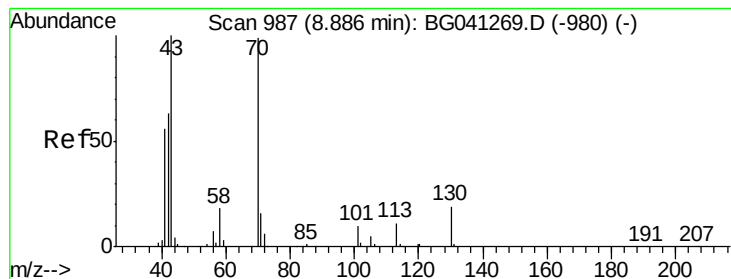
#18
Hexachloroethane
Concen: 40.163 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:117 Resp: 39442
Ion Ratio Lower Upper
117 100
119 98.2 76.8 115.2
201 128.9 106.3 159.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.075 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

Tot Ion: 70 Resp: 75541

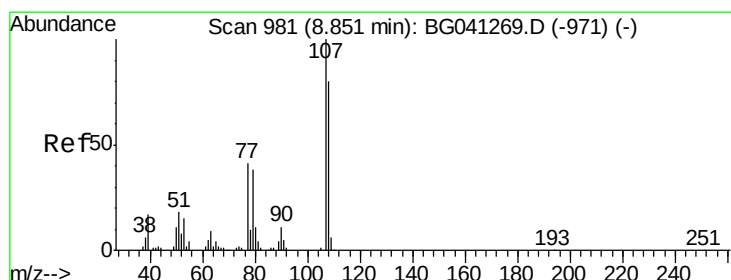
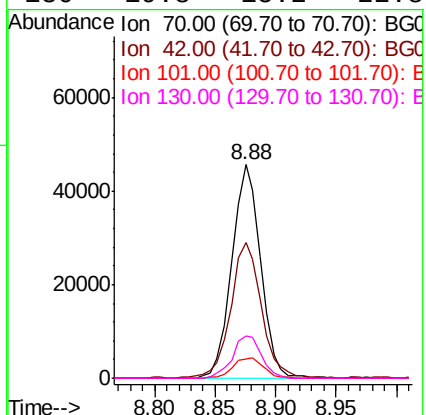
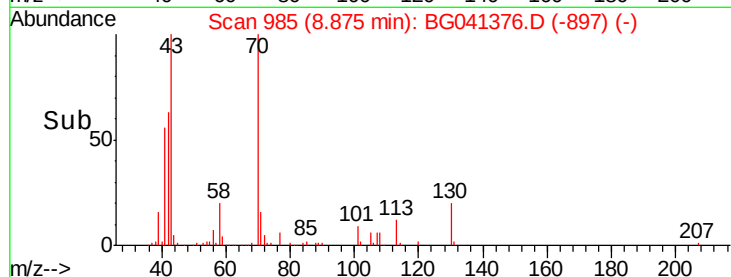
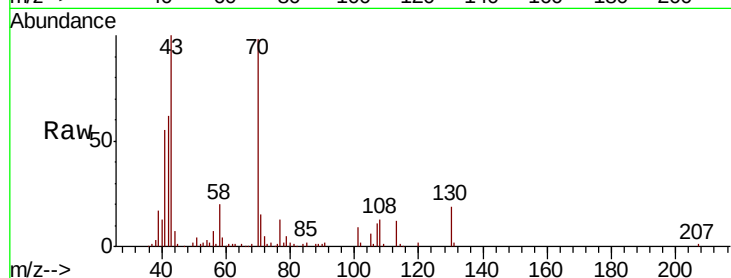
Ion Ratio Lower Upper

70 100

42 63.5 51.4 77.2

101 9.1 8.2 12.2

130 19.8 15.2 22.8



#20

3+4-Methylphenols

Concen: 44.544 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion: 107 Resp: 108967

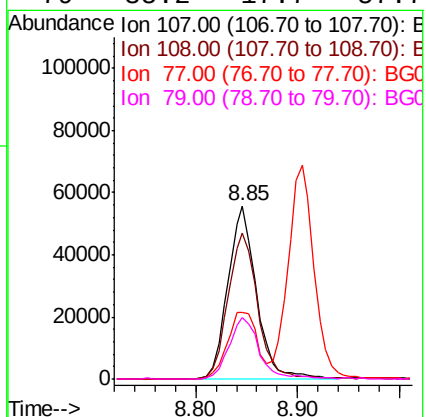
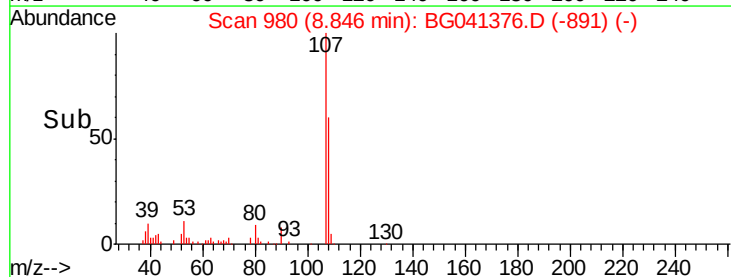
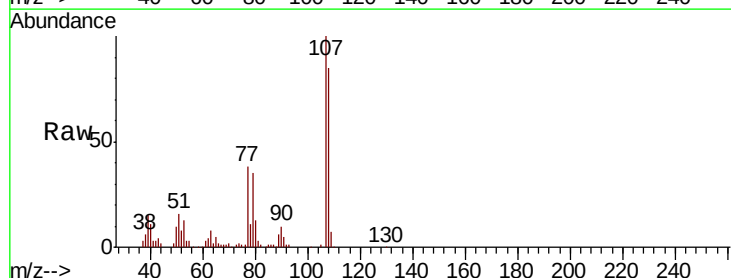
Ion Ratio Lower Upper

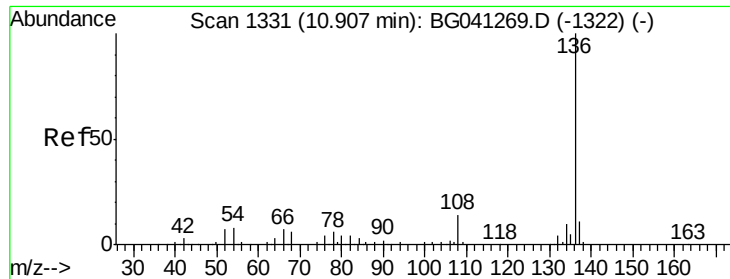
107 100

108 84.6 60.4 100.4

77 38.3 21.2 61.2

79 35.2 17.7 57.7

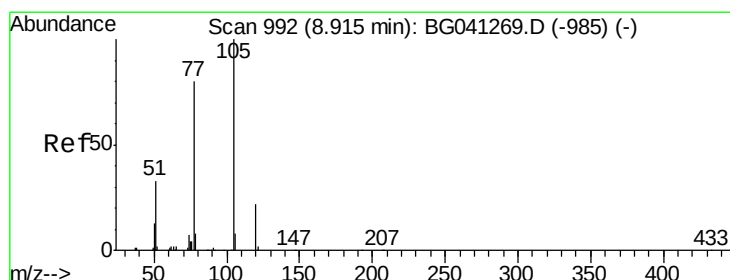
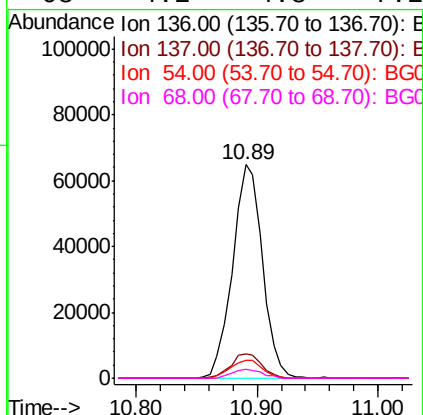
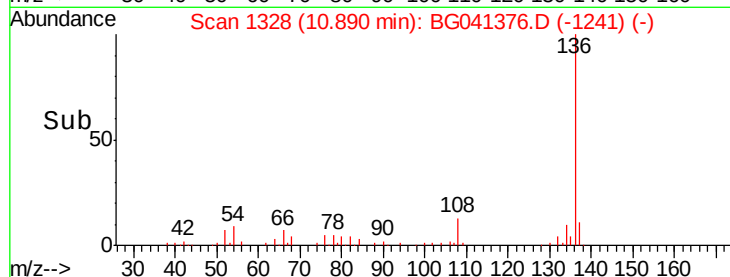
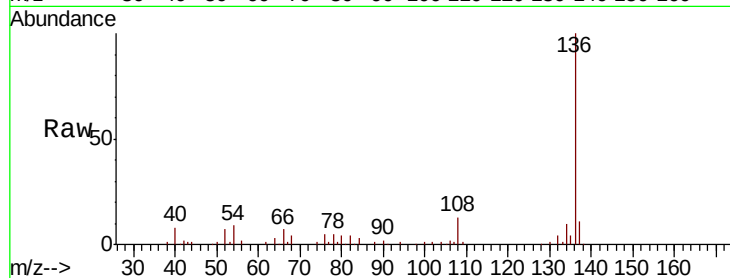




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

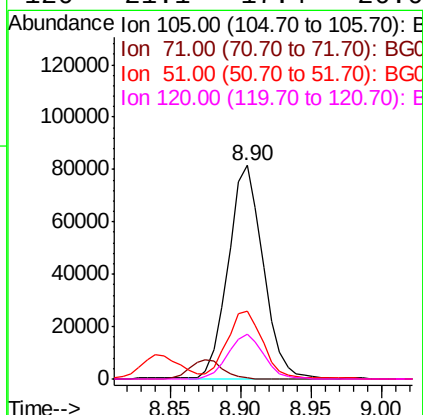
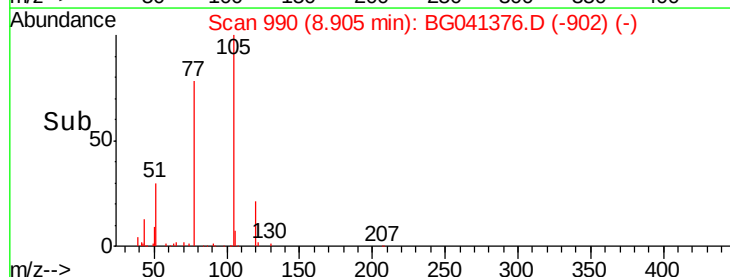
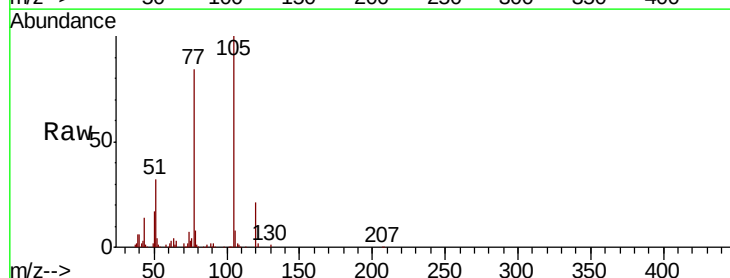
Instrument :
BNA_G
ClientSampleId :
PB120652BS

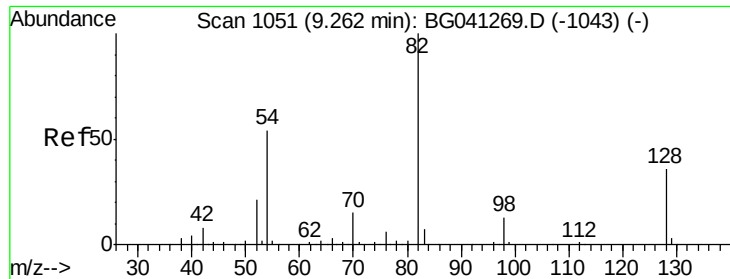
Tot Ion:136	Resp:	112104
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	8.5	6.4 9.6
68	4.2	4.8 7.2#



#22
Acetophenone
Concen: 42.658 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:105	Resp:	139161
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.4 0.6#
51	31.9	28.2 42.4
120	21.1	17.4 26.0

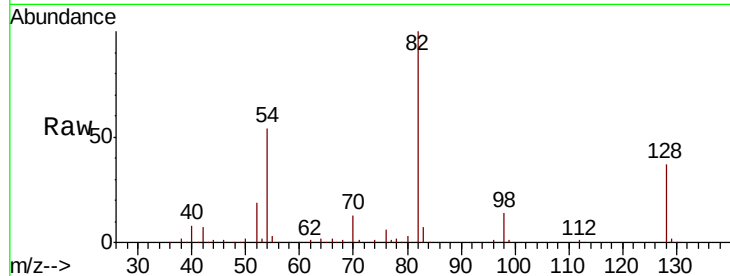




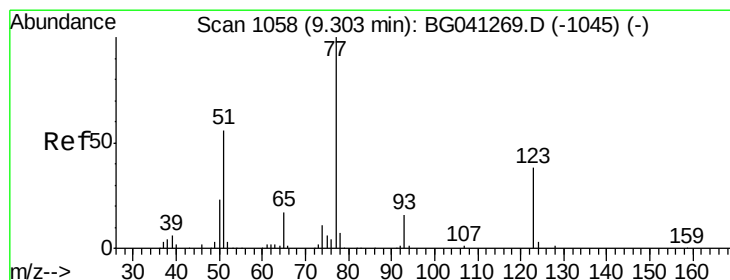
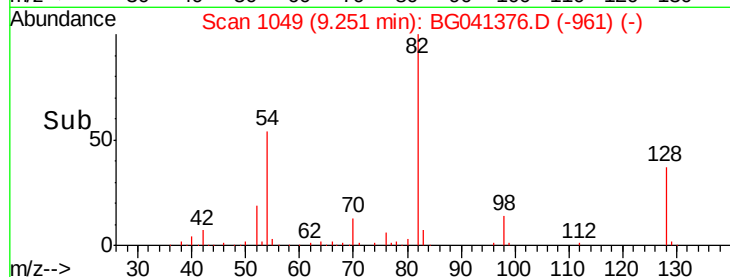
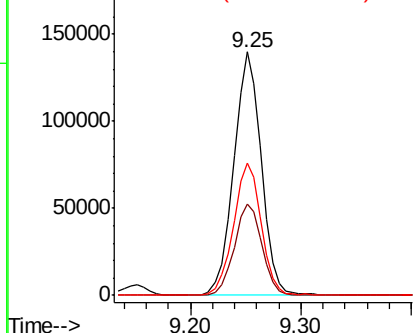
#23
 Nitrobenzene-d5
 Concen: 91.716 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleID :
 PB120652BS

Tot Ion: 82 Resp: 244475
 Ion Ratio Lower Upper
 82 100
 128 37.4 29.2 43.8
 54 54.2 43.4 65.0

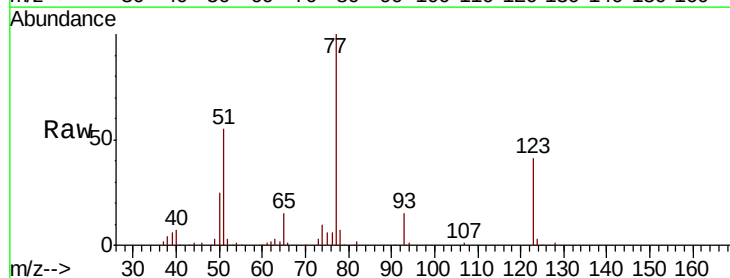


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

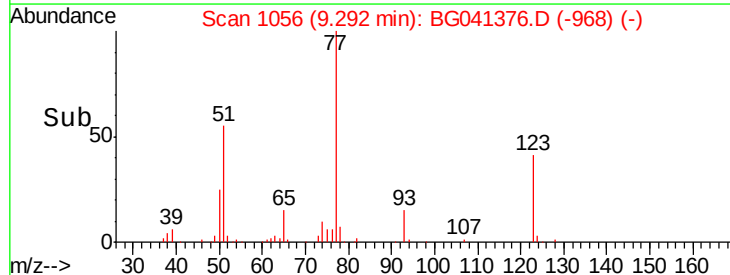
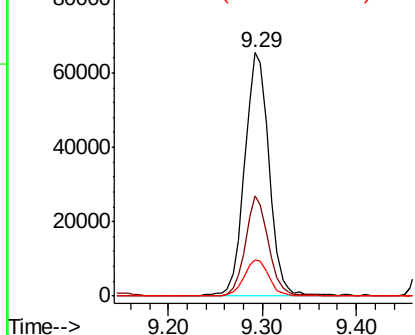


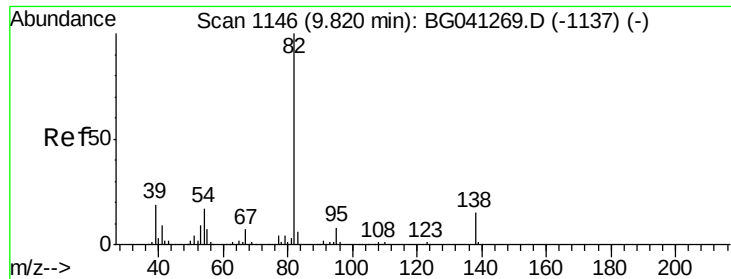
#24
 Nitrobenzene
 Concen: 43.874 ng
 RT: 9.29 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion: 77 Resp: 117619
 Ion Ratio Lower Upper
 77 100
 123 41.3 30.4 45.6
 65 14.8 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: 42.710 ng

RT: 9.81 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

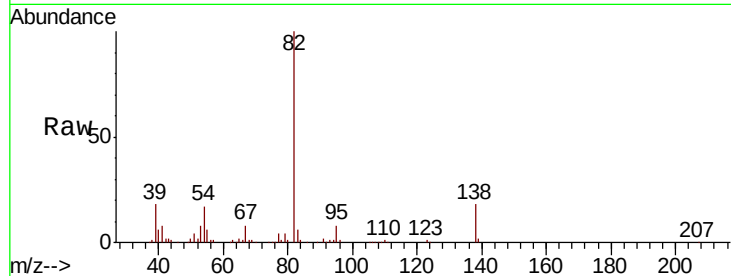
Tot Ion: 82 Resp: 208866

Ion Ratio Lower Upper

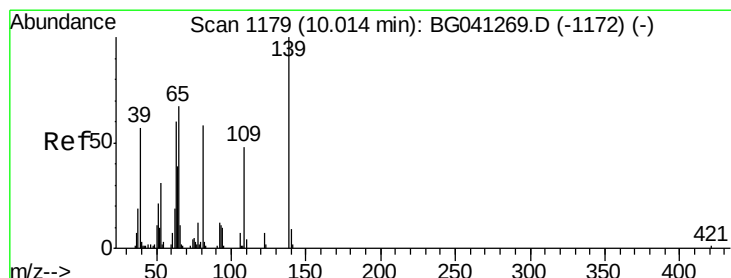
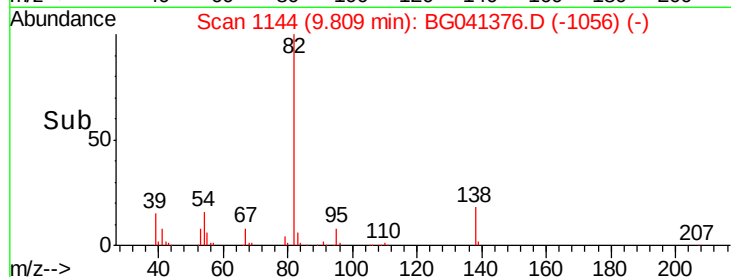
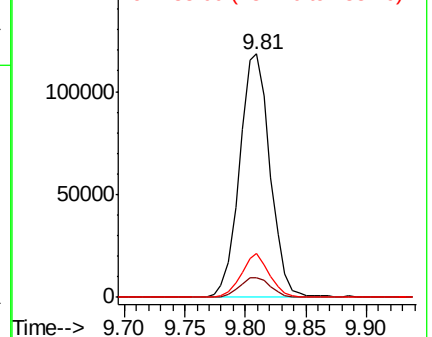
82 100

95 8.3 6.6 10.0

138 18.1 12.3 18.5



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



#26

2-Nitrophenol

Concen: 47.996 ng

RT: 10.00 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

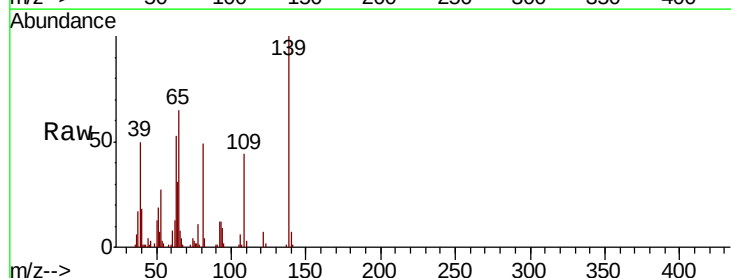
Tgt Ion: 139 Resp: 52165

Ion Ratio Lower Upper

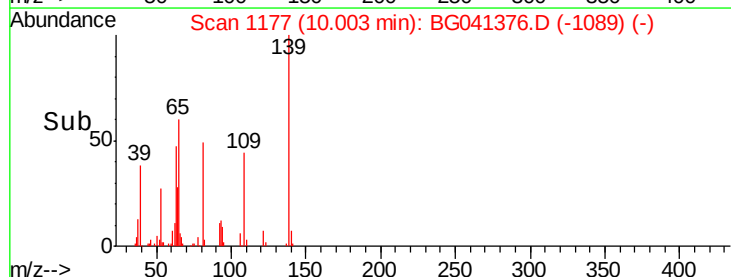
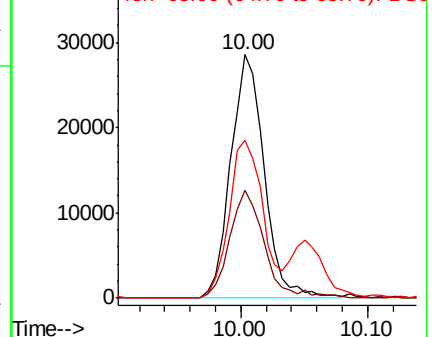
139 100

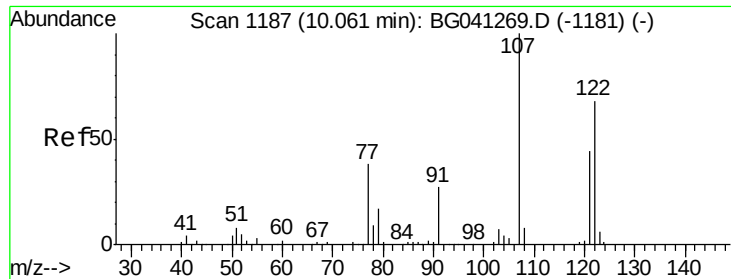
109 44.1 38.4 57.6

65 64.8 53.6 80.4



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

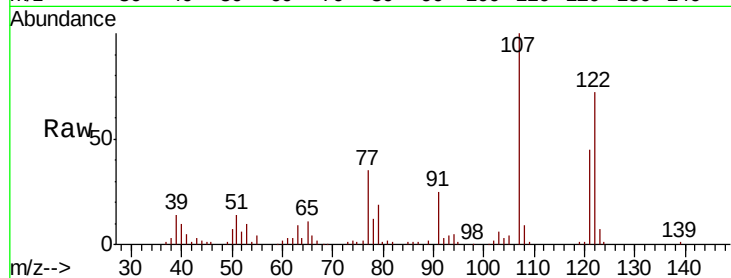




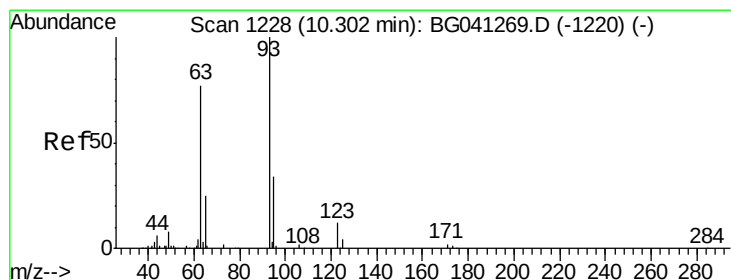
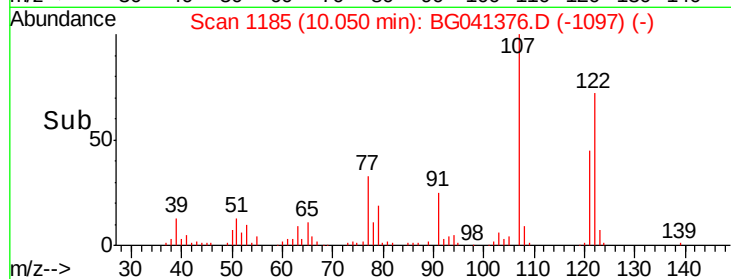
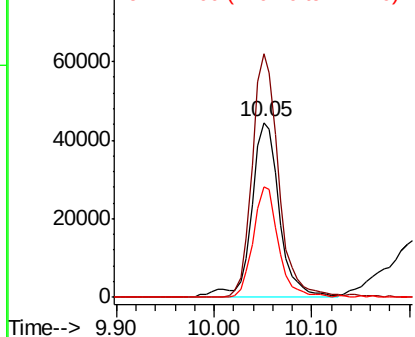
#27
2,4-Dimethylphenol
Concen: 54.303 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:122 Resp: 88469
Ion Ratio Lower Upper
122 100
107 139.3 115.1 172.7
121 63.1 50.1 75.1

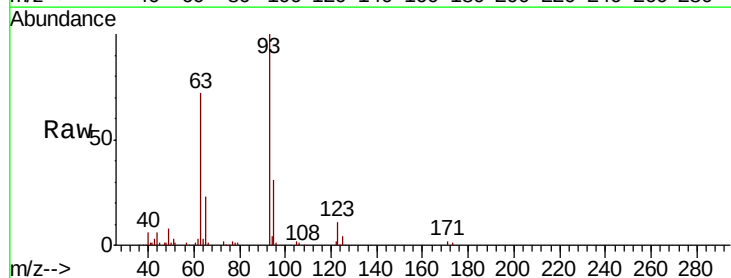


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

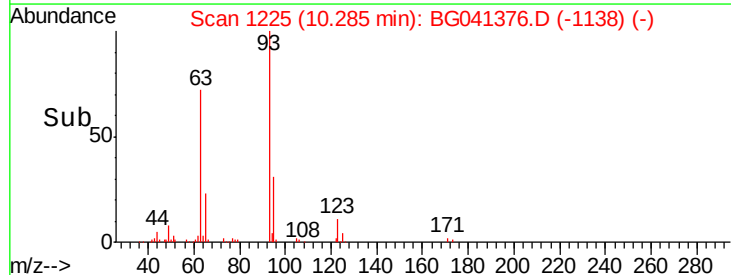
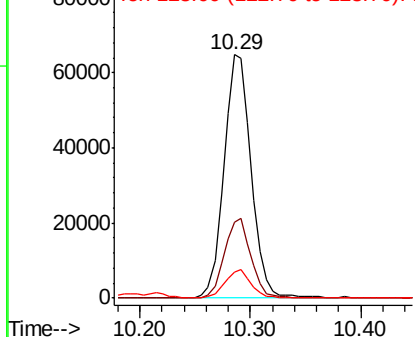


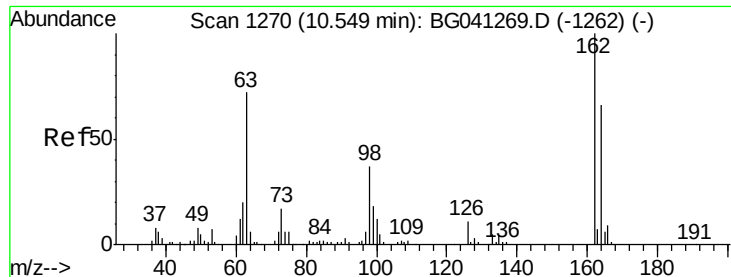
#28
bis(2-Chloroethoxy)methane
Concen: 43.642 ng
RT: 10.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion: 93 Resp: 111204
Ion Ratio Lower Upper
93 100
95 31.3 27.3 40.9
123 10.9 9.6 14.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

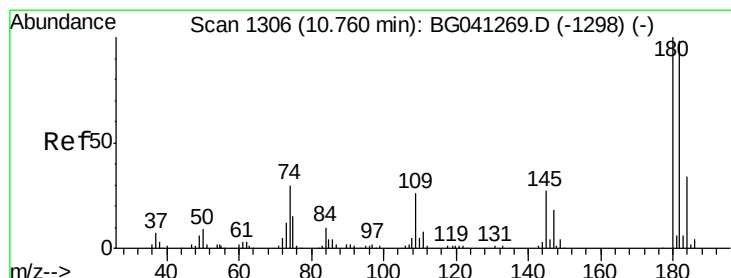
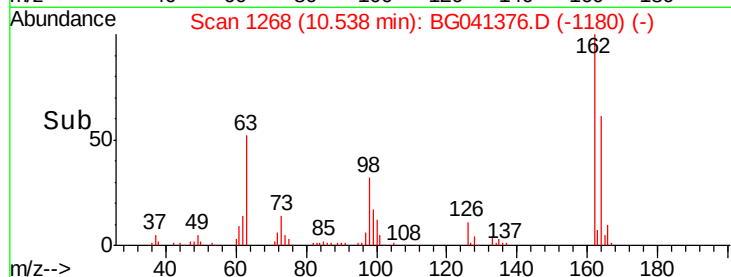
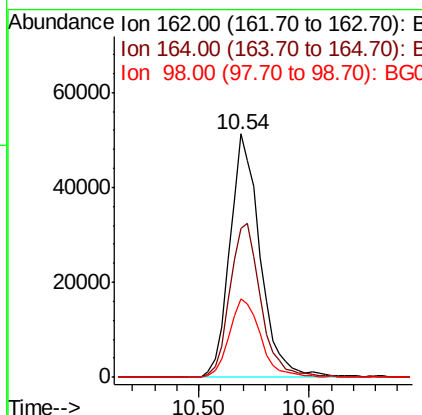
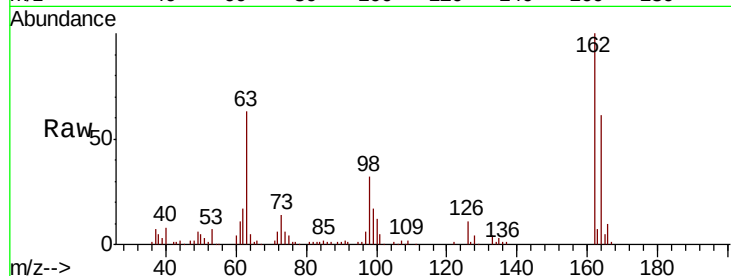




#29
 2,4-Dichlorophenol
 Concen: 48.953 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

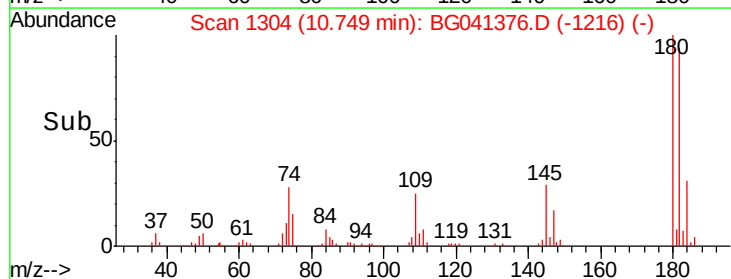
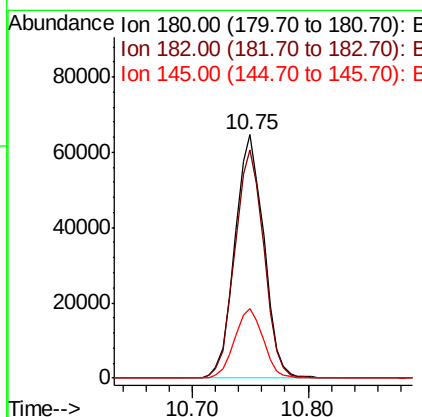
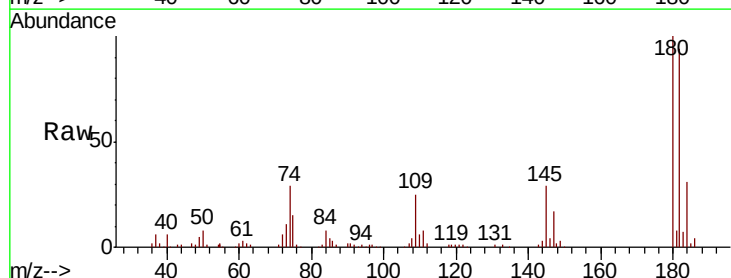
Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

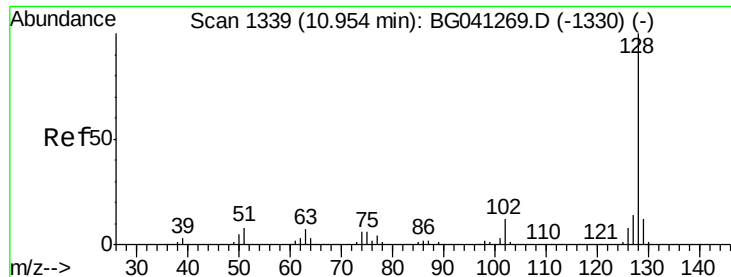
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	46.0	86.0
98	32.2	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 43.254 ng
 RT: 10.75 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.6	117.8
145	28.5	21.7	32.5

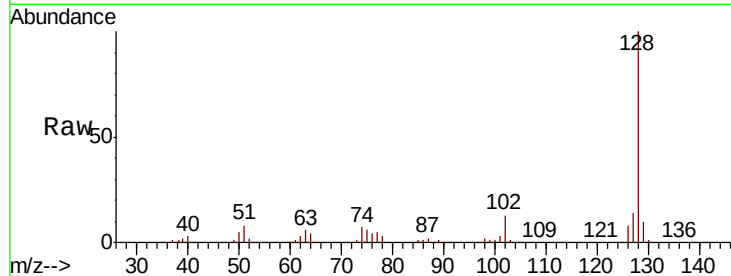




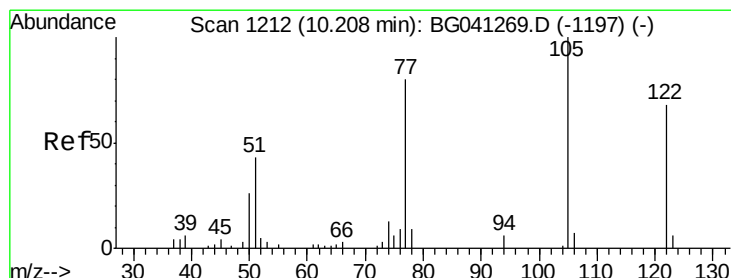
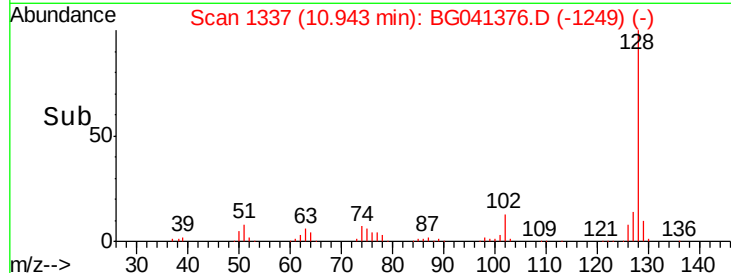
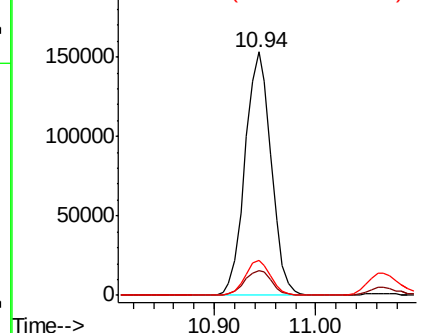
#31
Naphthalene
Concen: 44.778 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:128 Resp: 272816
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.0
127 14.4 11.2 16.8

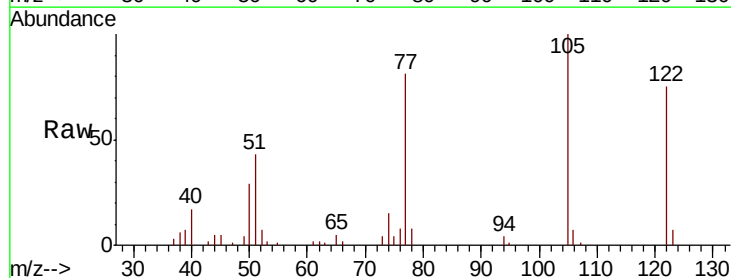


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

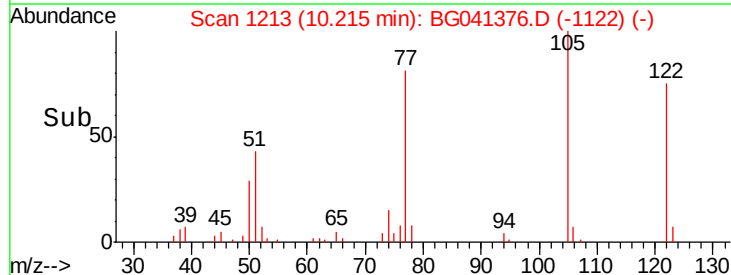
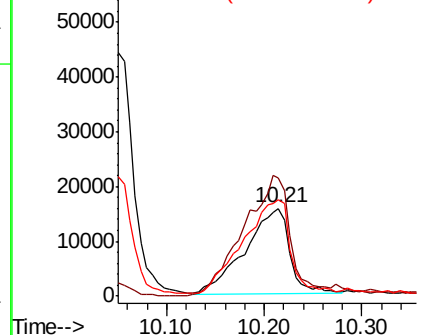


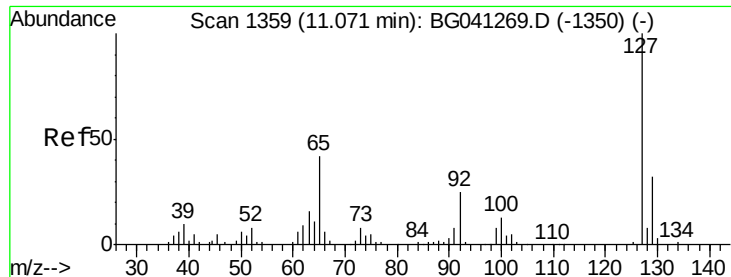
#32
Benzoic acid
Concen: 46.848 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:122 Resp: 49684
Ion Ratio Lower Upper
122 100
105 134.2 124.2 164.2
77 109.1 97.2 137.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

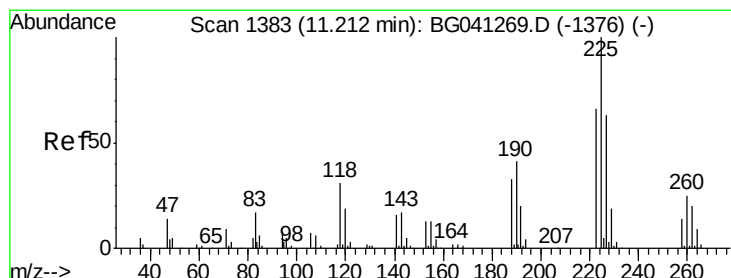
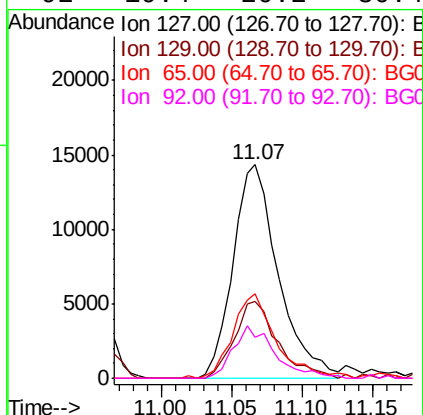
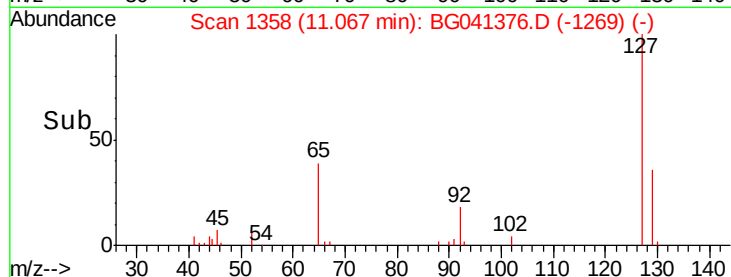
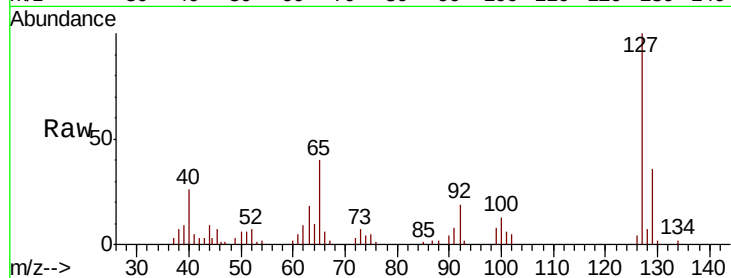




#33
4-Chloroaniline
Concen: 12.404 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

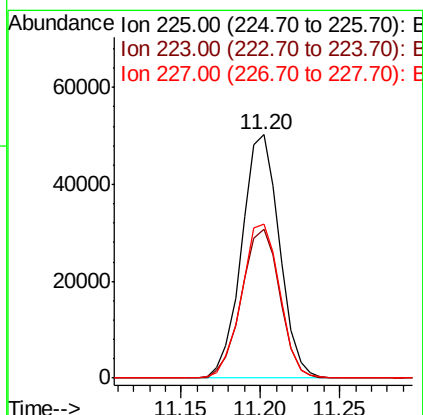
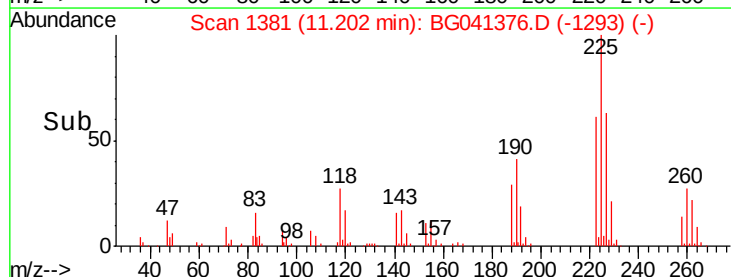
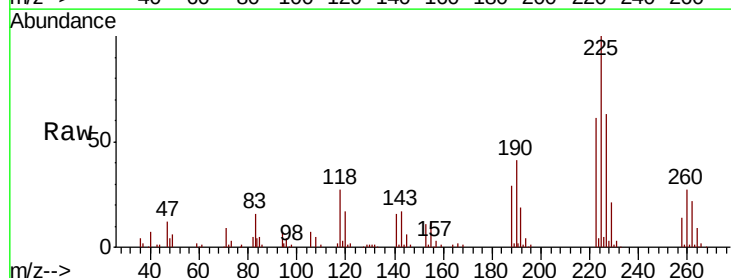
Instrument :
BNA_G
ClientSampleId :
PB120652BS

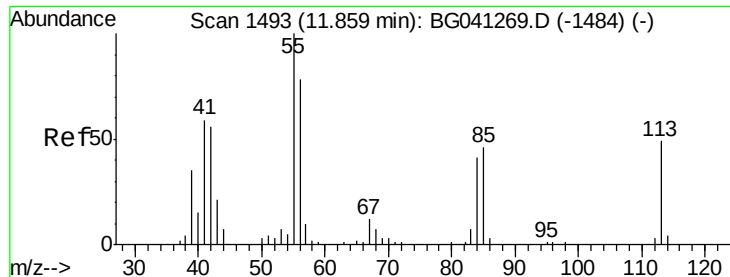
Tot Ion	Ratio	Lower	Upper
127	100		
129	35.9	25.8	38.8
65	39.8	33.8	50.8
92	19.4	20.2	30.4



#34
Hexachlorobutadiene
Concen: 40.460 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	52.5	78.7
227	63.4	50.2	75.2





#35

Caprolactam

Concen: 20.763 ng

RT: 11.86 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

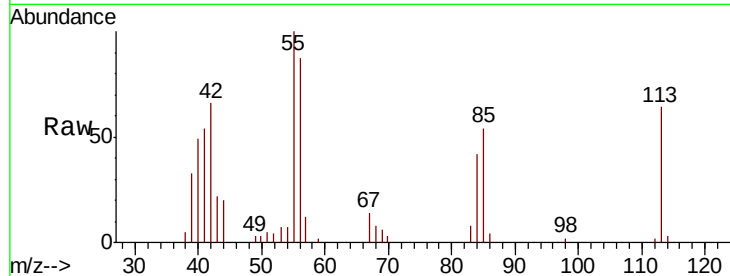
Tot Ion:113 Resp: 14439

Ion Ratio Lower Upper

113 100

55 155.2 182.6 222.6#

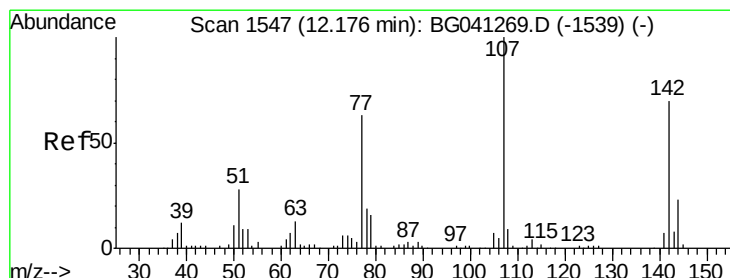
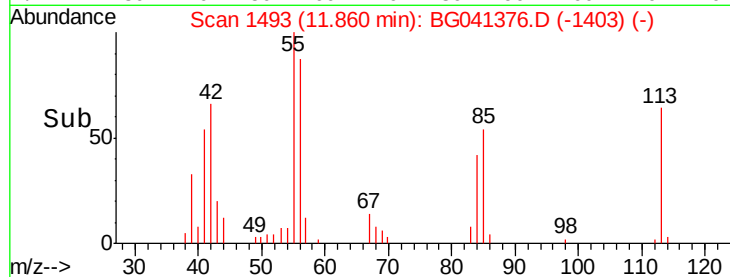
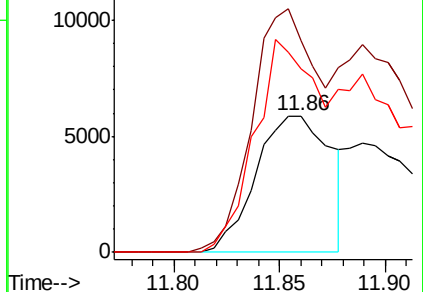
56 134.3 137.5 177.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041269.D (-1484) (-)

Ion 56.00 (55.70 to 56.70): BG041269.D (-1484) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.514 ng

RT: 12.18 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

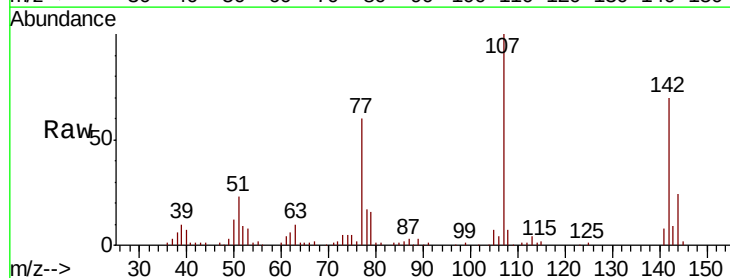
Tgt Ion:107 Resp: 108531

Ion Ratio Lower Upper

107 100

144 24.4 18.5 27.7

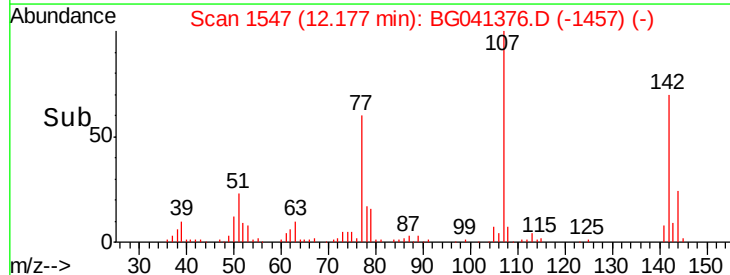
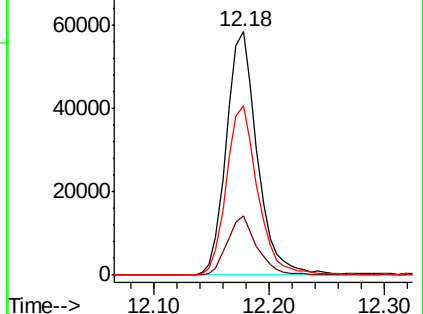
142 69.6 56.3 84.5

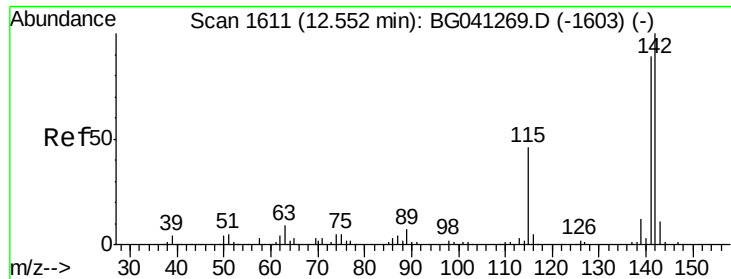


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

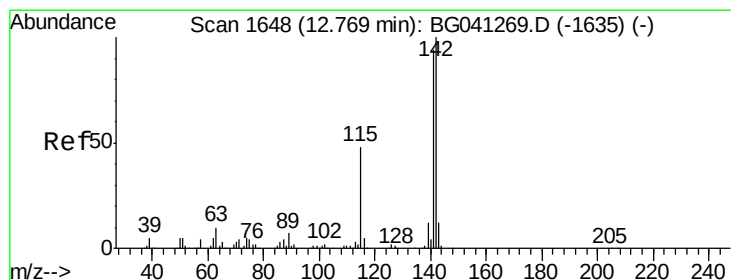
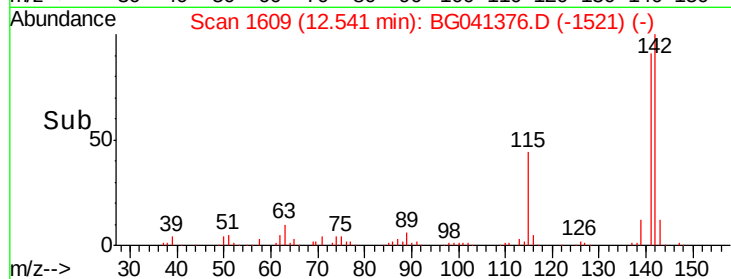
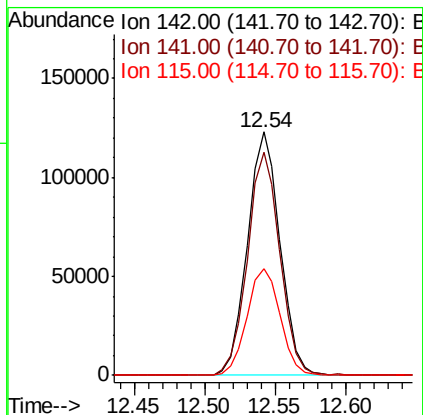
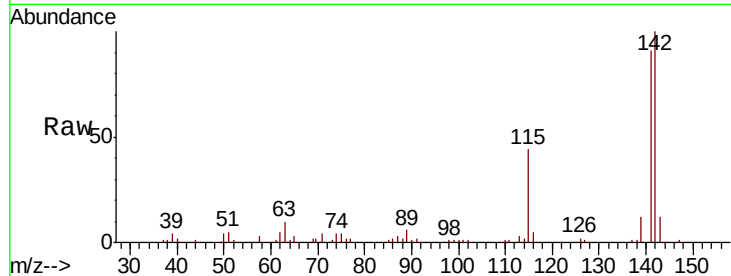




#37
2-Methylnaphthalene
Concen: 44.408 ng
RT: 12.54 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

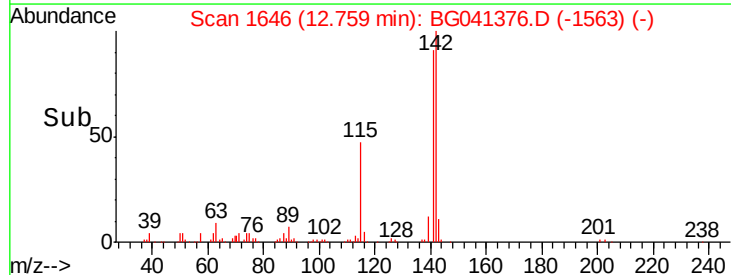
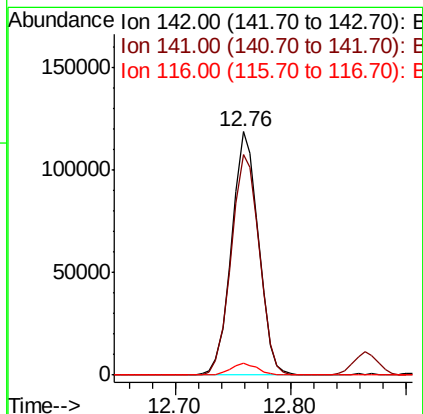
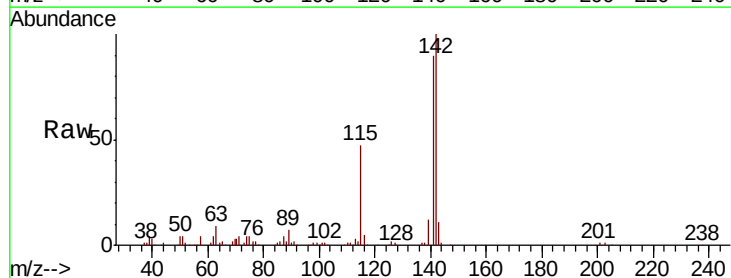
Instrument :
BNA_G
ClientSampleId :
PB120652BS

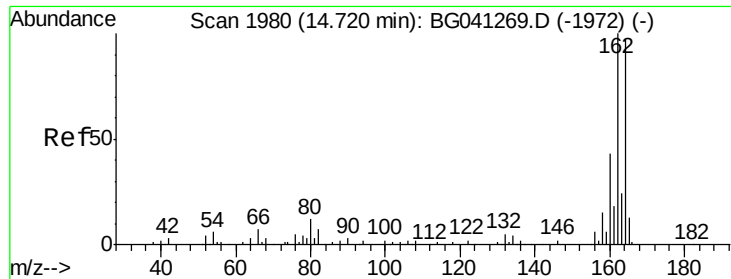
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.5	107.3
115	43.8	37.0	55.6



#38
1-Methylnaphthalene
Concen: 44.647 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.0	112.6
116	5.0	4.2	6.2

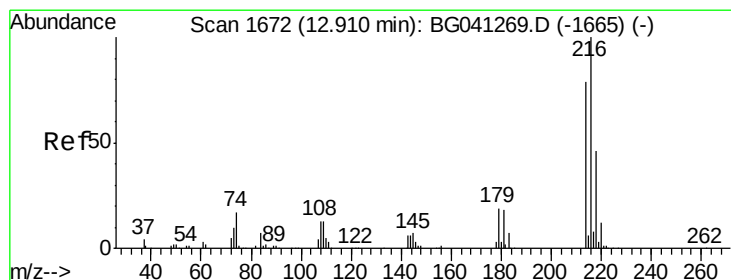
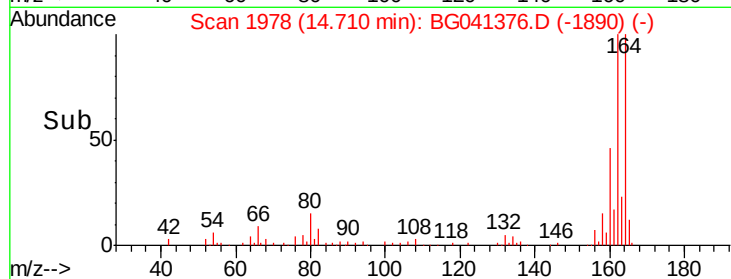
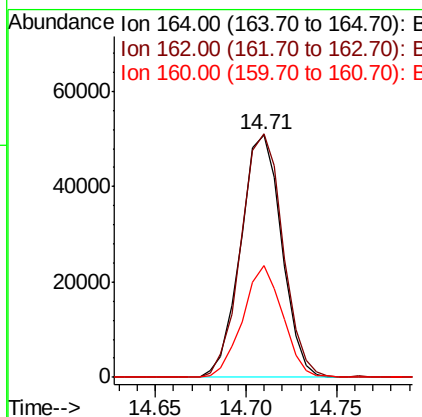
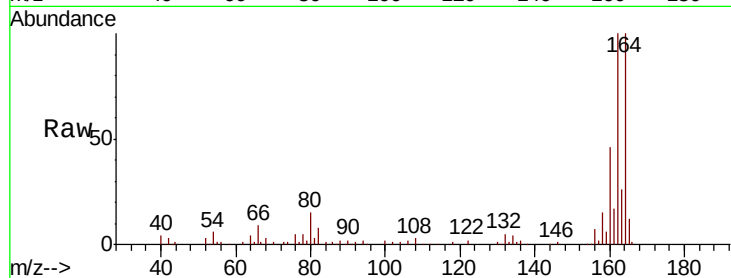




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

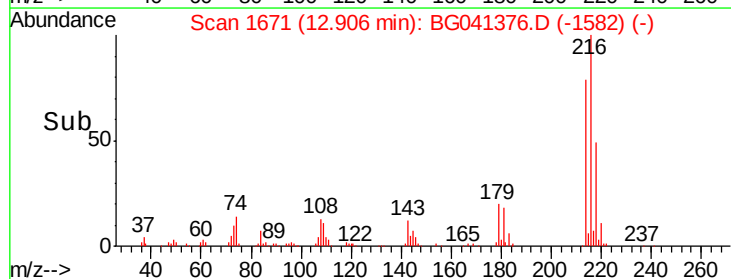
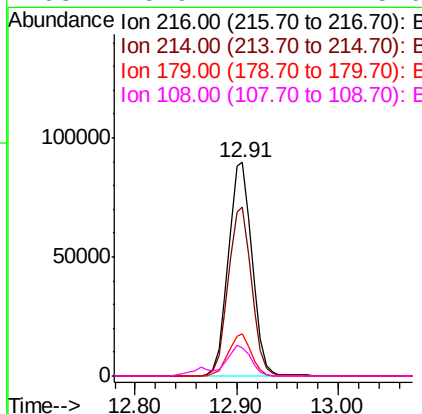
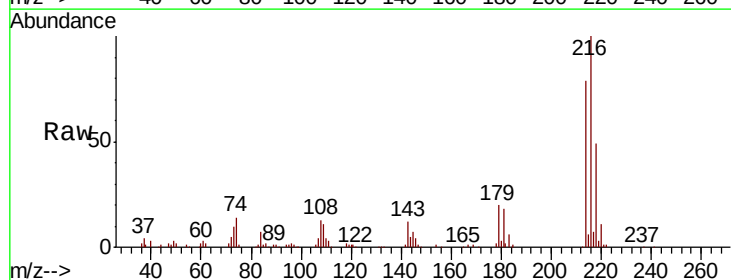
Instrument :
BNA_G
ClientSampleId :
PB120652BS

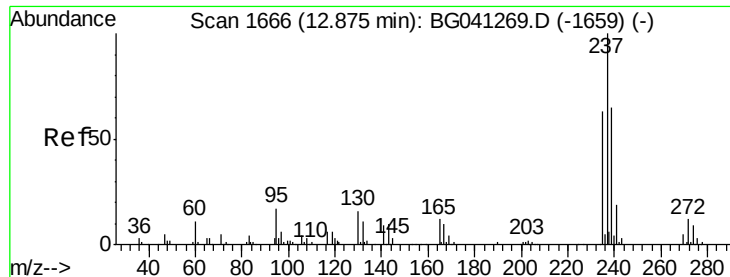
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.8	124.2
160	46.2	35.8	53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.144 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.8	94.2
179	18.8	15.2	22.8
108	13.9	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 81.298 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

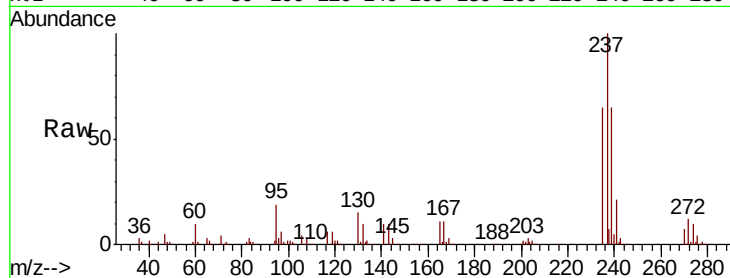
Tot Ion:237 Resp: 181123

Ion Ratio Lower Upper

237 100

235 65.0 42.9 82.9

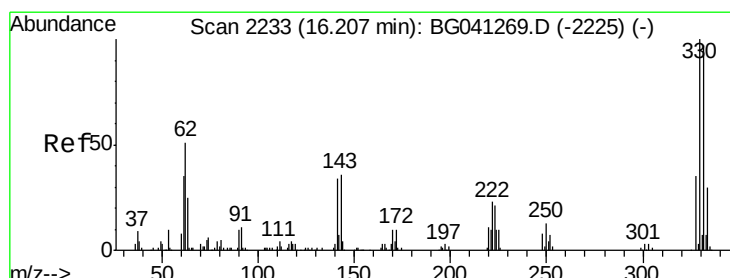
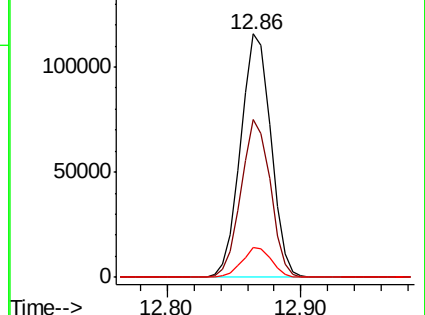
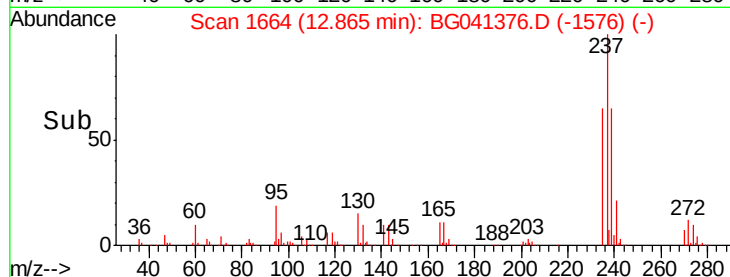
272 12.5 0.0 32.0



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: 144.163 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

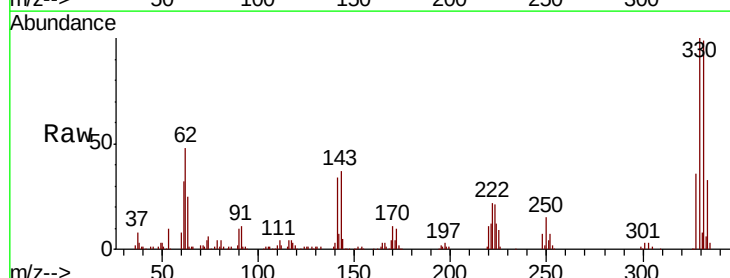
Tgt Ion:330 Resp: 177274

Ion Ratio Lower Upper

330 100

332 97.5 75.5 113.3

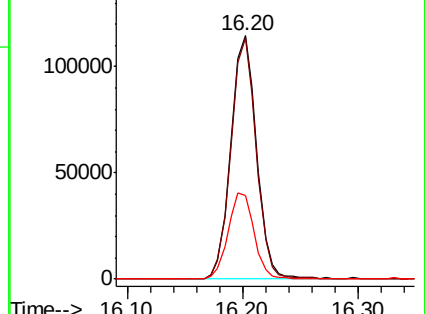
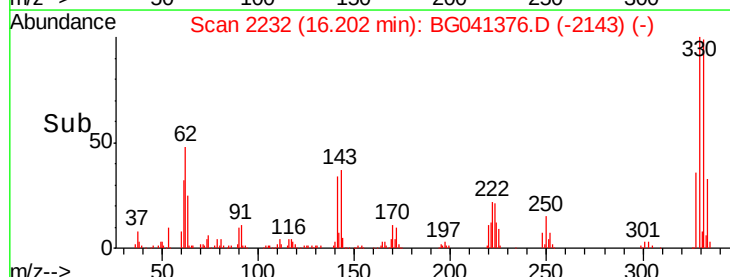
141 35.7 29.0 43.4

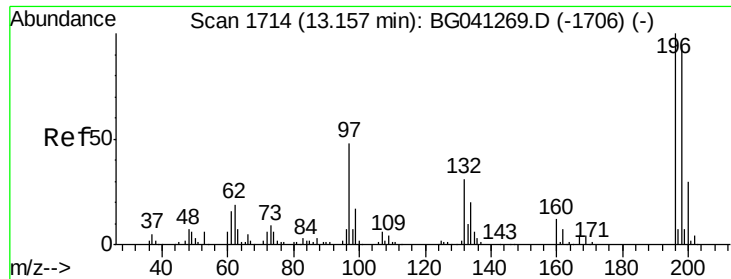


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

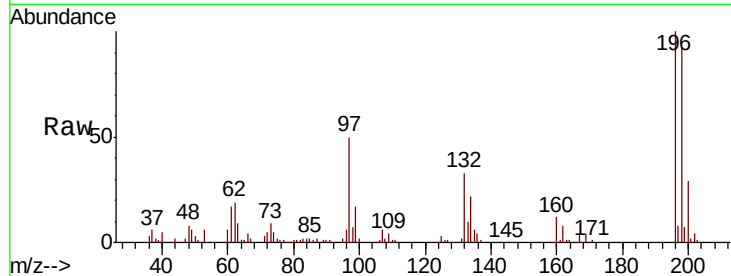




#43
 2,4,6-Trichlorophenol
 Concen: 46.098 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion	196	Resp	94319
Ion	Ratio	Lower	Upper
196	100		
198	92.4	74.9	112.3
200	29.2	24.2	36.2

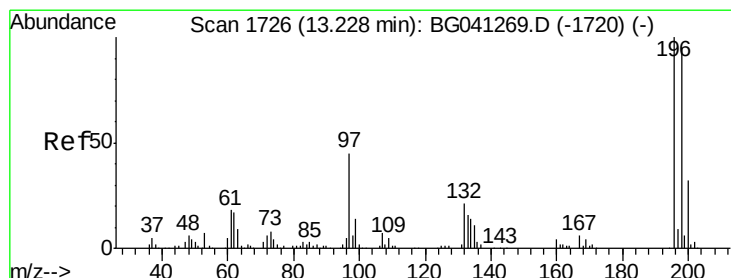
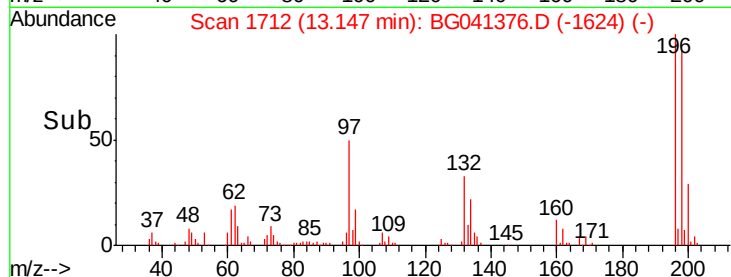
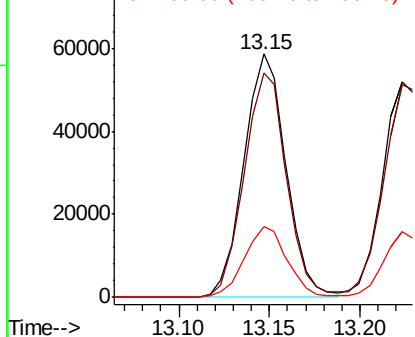


Abundance

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: 45.357 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion	196	Resp	95488
Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.1	114.1
97	49.9	35.9	53.9
132	21.5	17.0	25.6

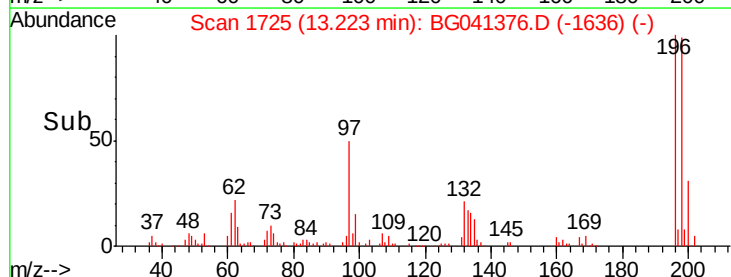
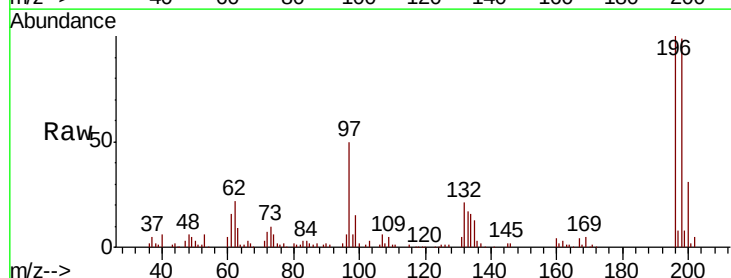
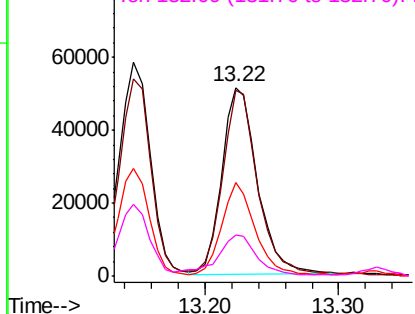
Abundance

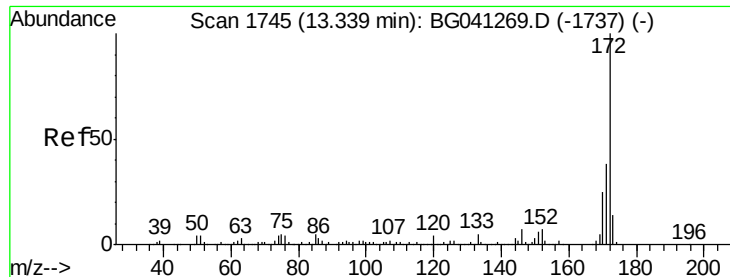
Ion 196.00 (195.70 to 196.70): E

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

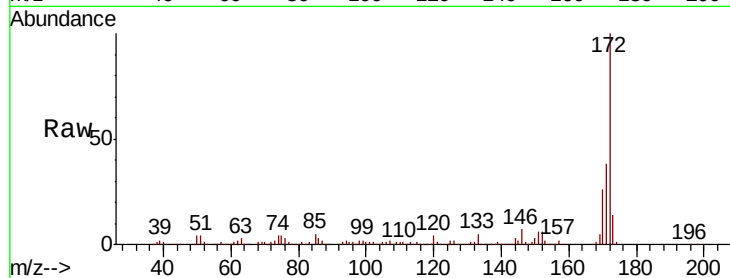




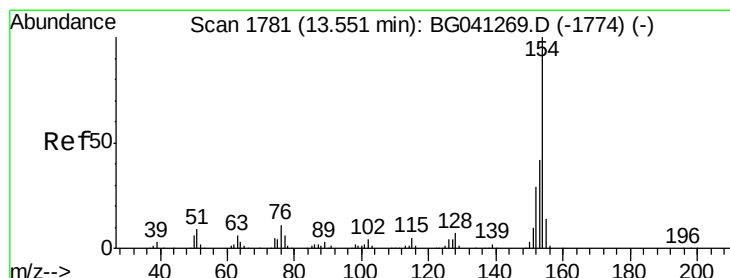
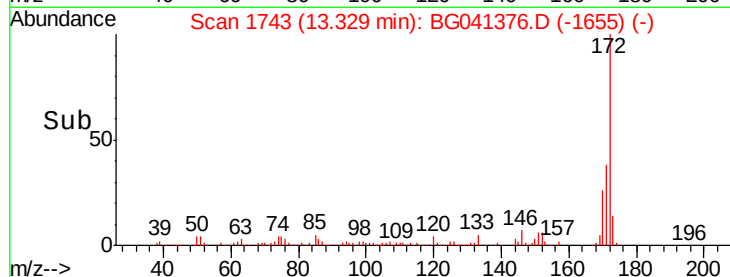
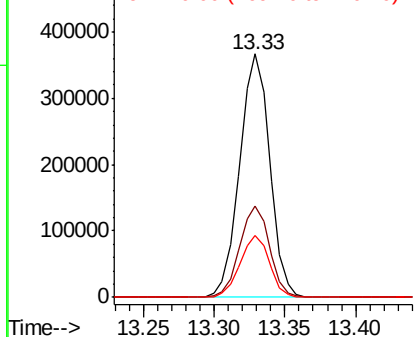
#45
2-Fluorobiphenyl
Concen: 92.524 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:172 Resp: 545261
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 25.5 19.8 29.6

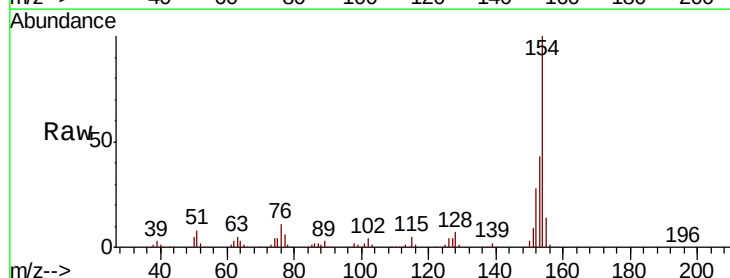


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

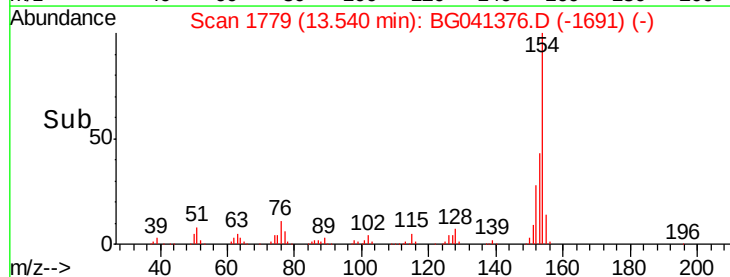
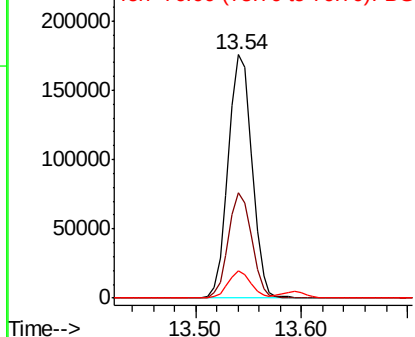


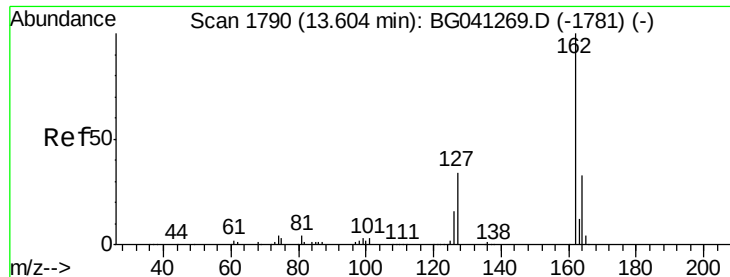
#46
1,1'-Biphenyl
Concen: 44.928 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:154 Resp: 272055
Ion Ratio Lower Upper
154 100
153 43.0 22.3 62.3
76 11.4 0.0 30.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

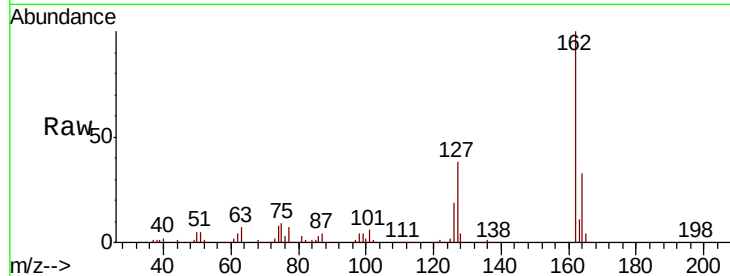




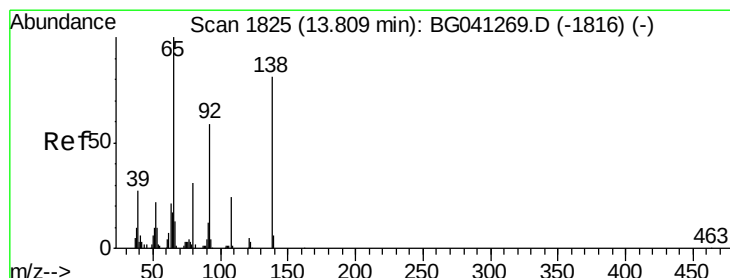
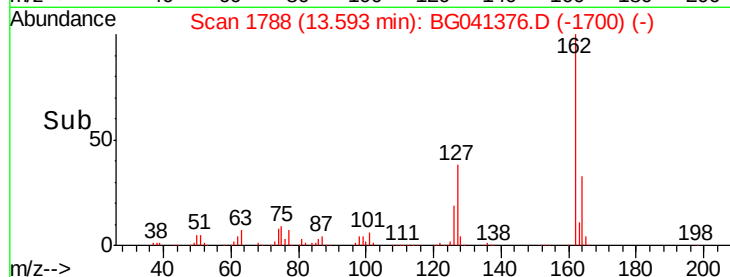
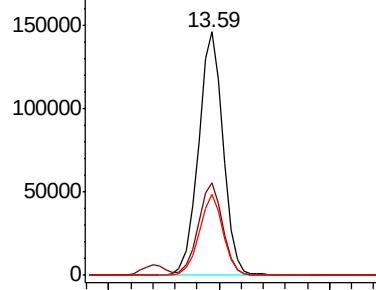
#47
2-Chloronaphthalene
Concen: 43.725 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:162 Resp: 227953
Ion Ratio Lower Upper
162 100
127 38.1 31.0 46.4
164 33.0 26.1 39.1

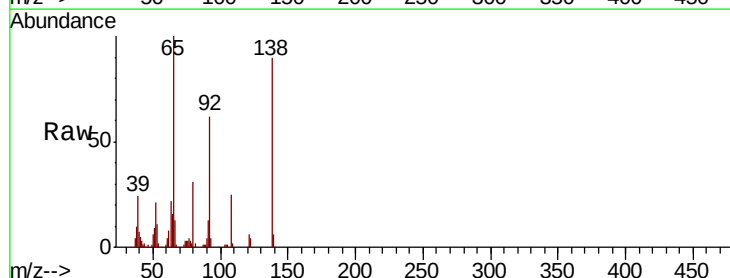


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

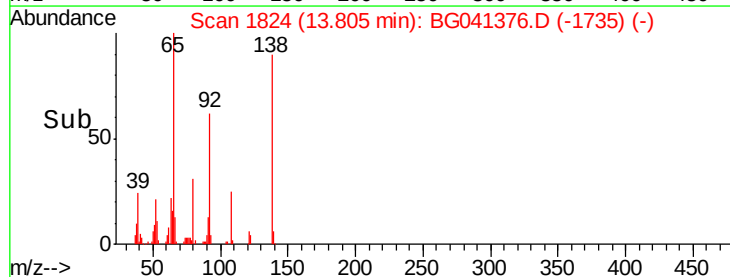
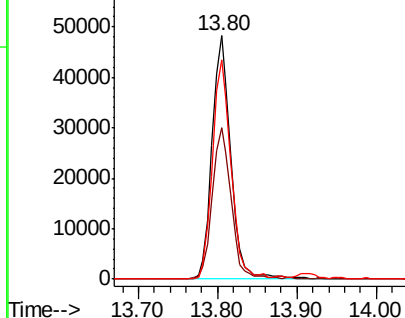


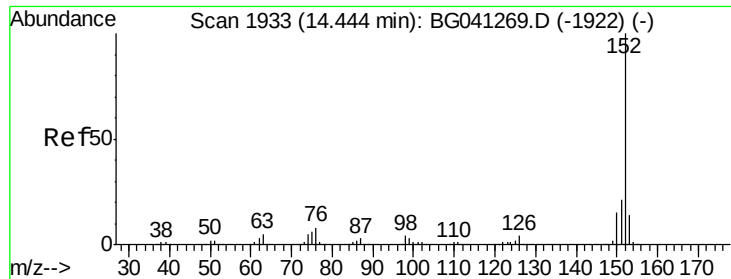
#48
2-Nitroaniline
Concen: 41.297 ng
RT: 13.80 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion: 65 Resp: 78849
Ion Ratio Lower Upper
65 100
92 62.1 47.4 71.2
138 89.9 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: 43.994 ng

RT: 14.43 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

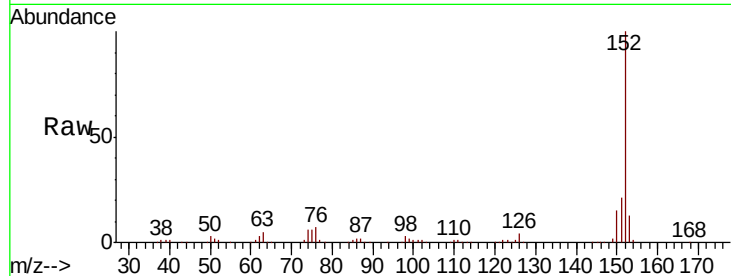
Tot Ion:152 Resp: 348037

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

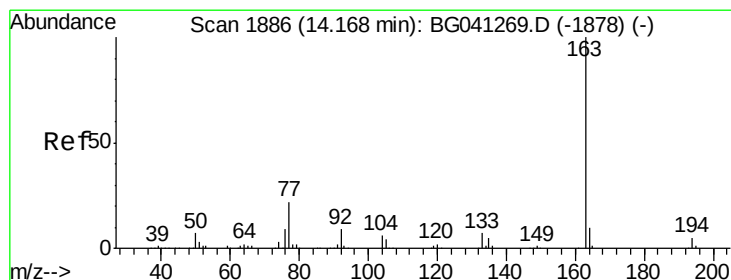
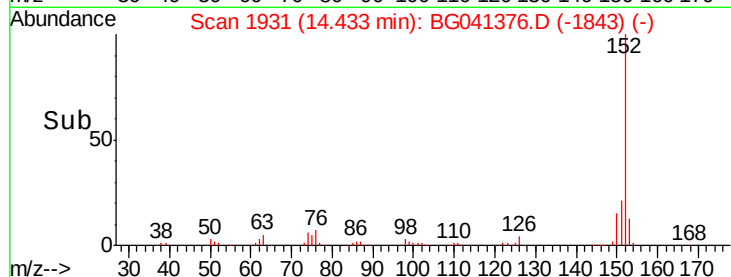
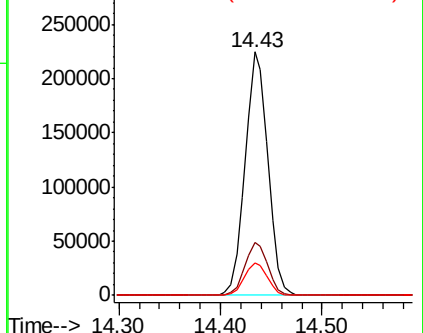
153 13.3 10.8 16.2



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: 41.414 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

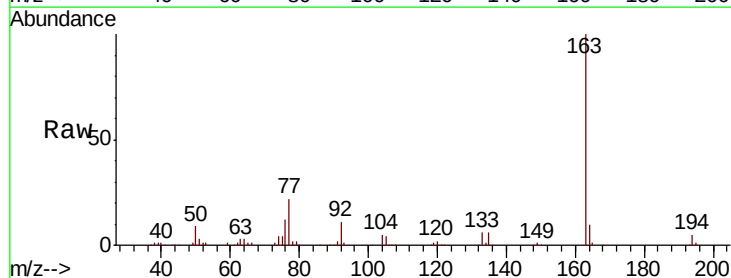
Tgt Ion:163 Resp: 295149

Ion Ratio Lower Upper

163 100

194 5.3 3.9 5.9

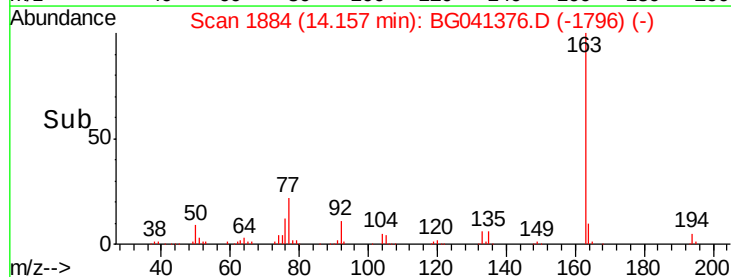
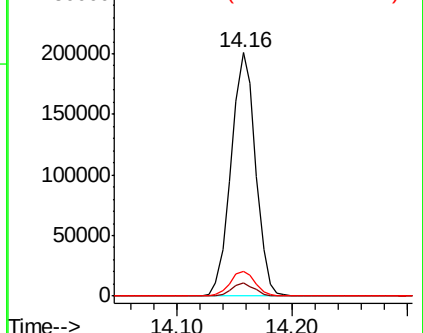
164 10.4 8.3 12.5

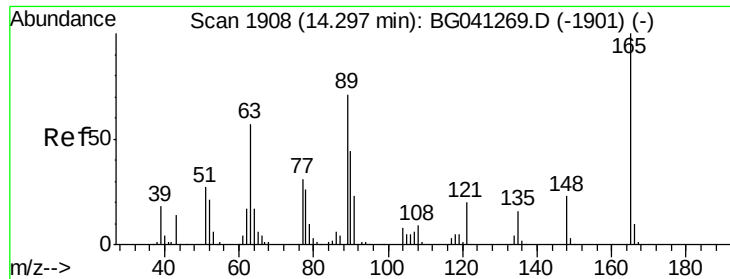


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.198 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

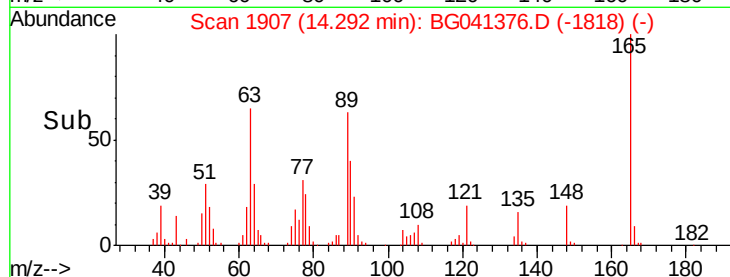
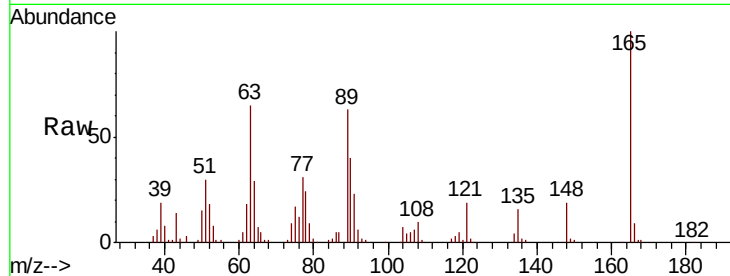
Tot Ion:165 Resp: 66417

Ion Ratio Lower Upper

165 100

63 64.8 55.4 83.0

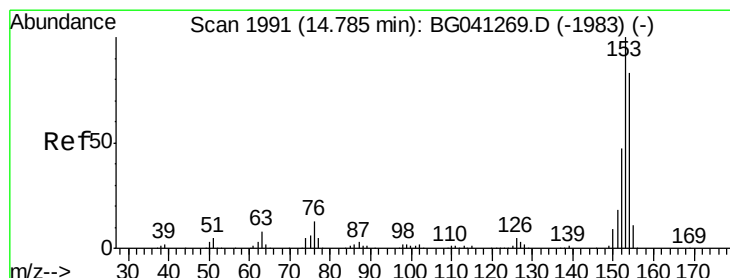
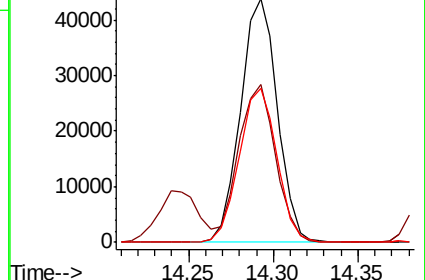
89 63.3 56.5 84.7



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: 42.931 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

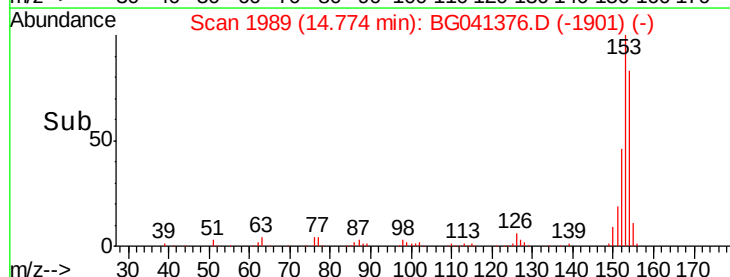
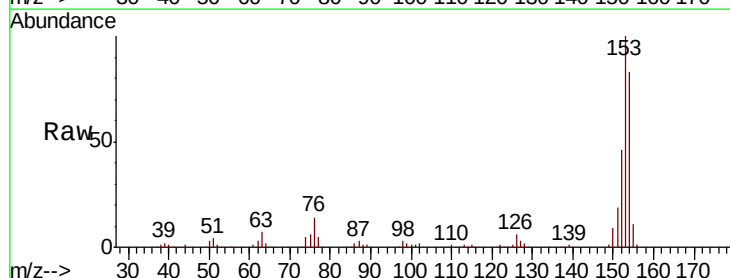
Tgt Ion:154 Resp: 199434

Ion Ratio Lower Upper

154 100

153 120.3 96.6 145.0

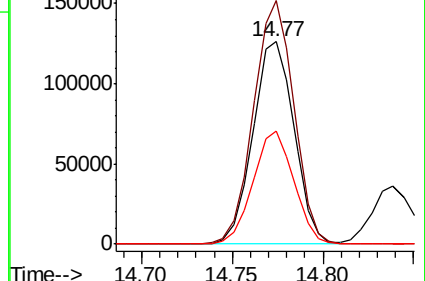
152 55.9 45.5 68.3

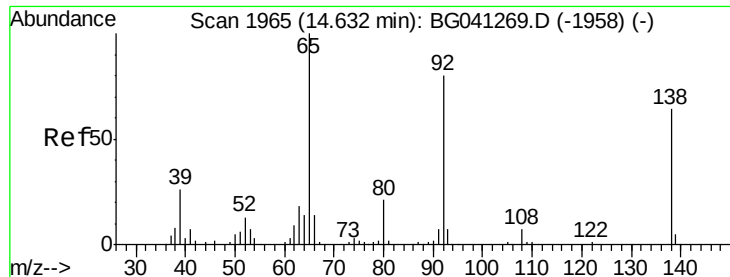


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

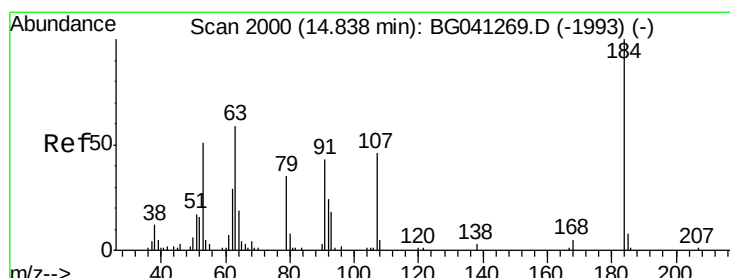
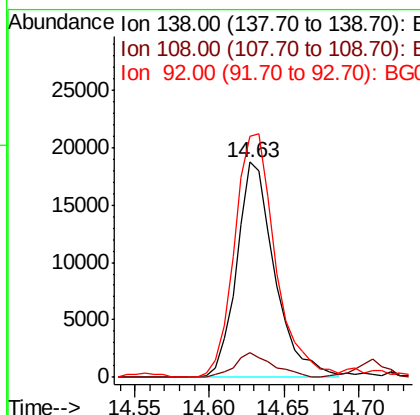
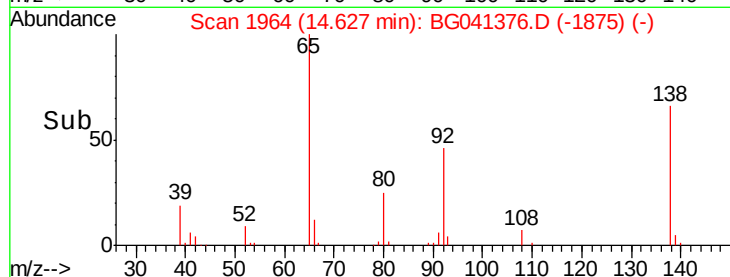
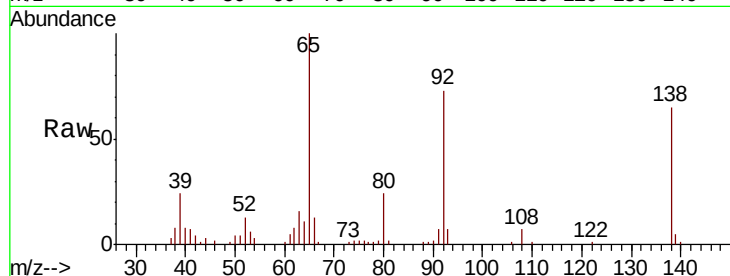




#53
3-Nitroaniline
Concen: 22.297 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

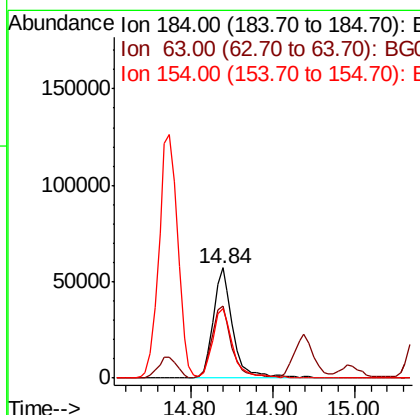
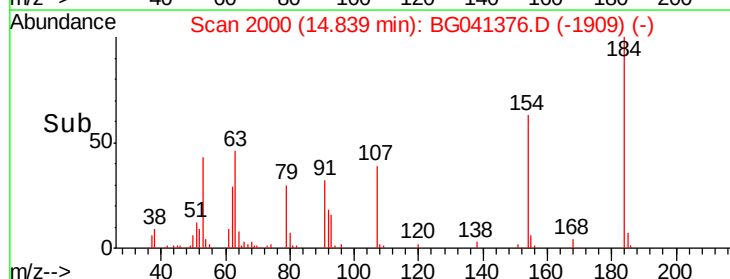
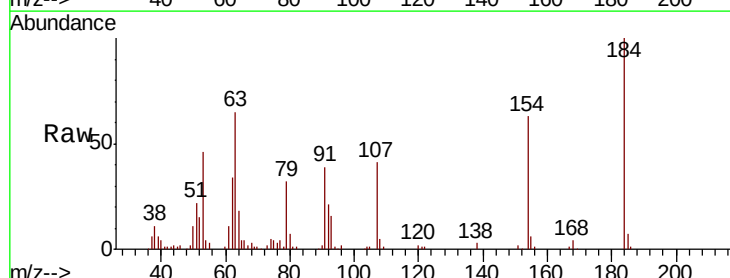
Instrument :
BNA_G
ClientSampleId :
PB120652BS

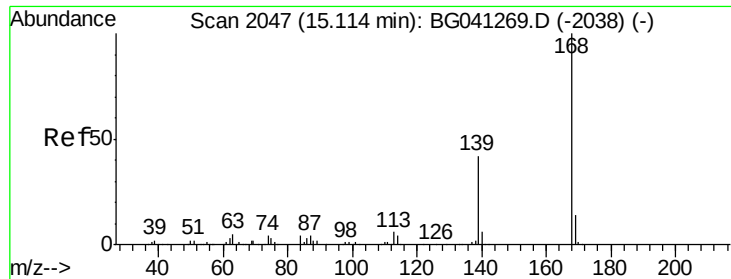
Tot Ion:138 Resp: 33012
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 112.0 100.2 150.4



#54
2,4-Dinitrophenol
Concen: 88.103 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:184 Resp: 95761
Ion Ratio Lower Upper
184 100
63 65.1 60.0 90.0
154 63.3 58.3 87.5

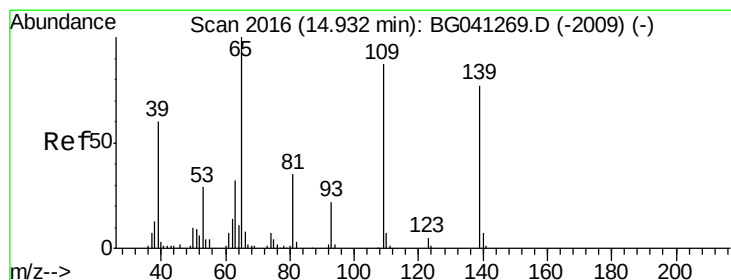
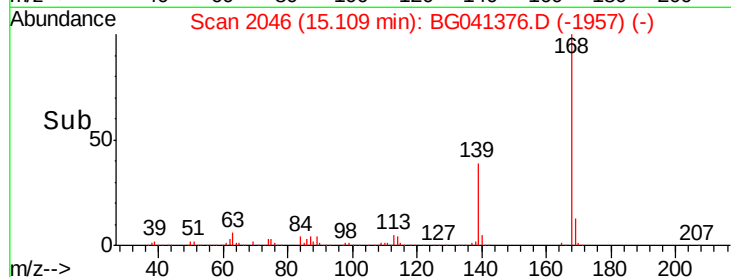
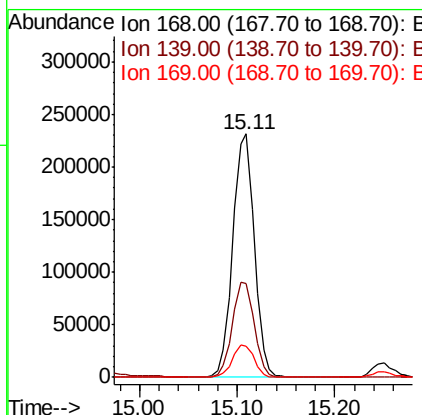
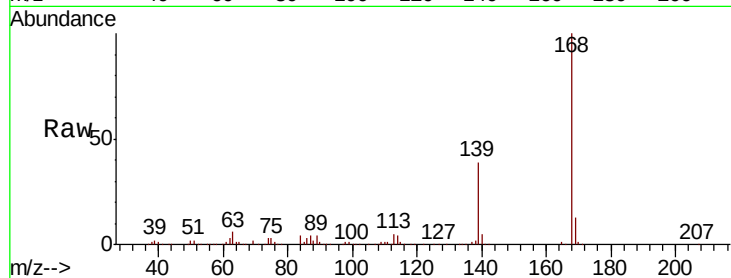




#55
Dibenzofuran
Concen: 43.830 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

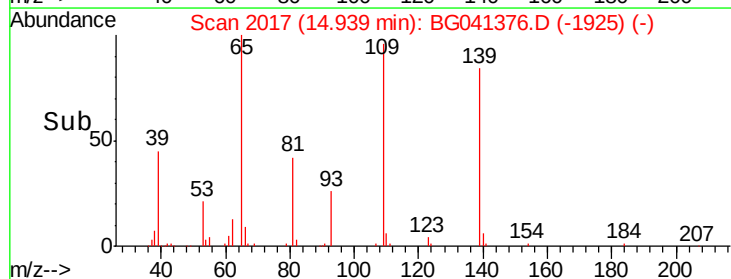
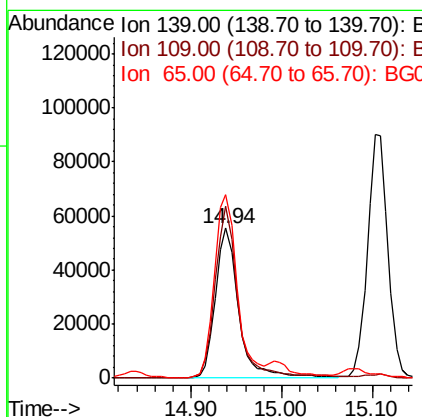
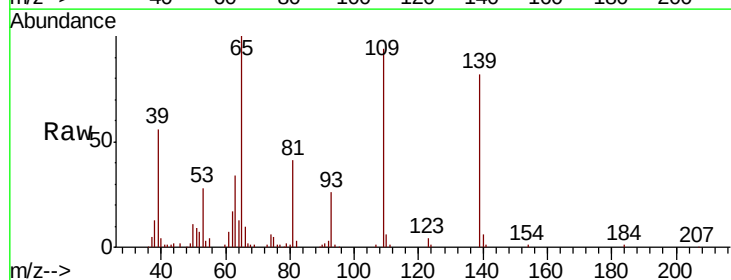
Instrument :
BNA_G
ClientSampleId :
PB120652BS

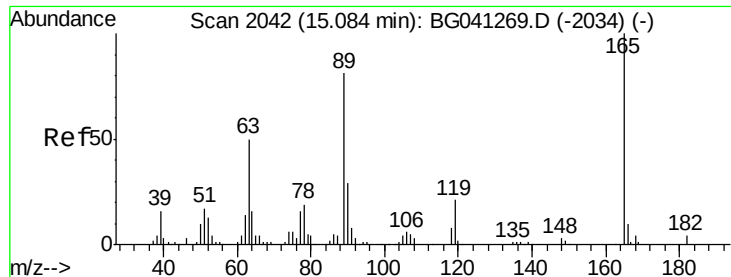
Tot Ion:168 Resp: 354009
Ion Ratio Lower Upper
168 100
139 38.8 33.6 50.4
169 12.9 10.8 16.2



#56
4-Nitrophenol
Concen: 88.479 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:139 Resp: 99915
Ion Ratio Lower Upper
139 100
109 114.5 93.2 133.2
65 122.3 110.2 150.2

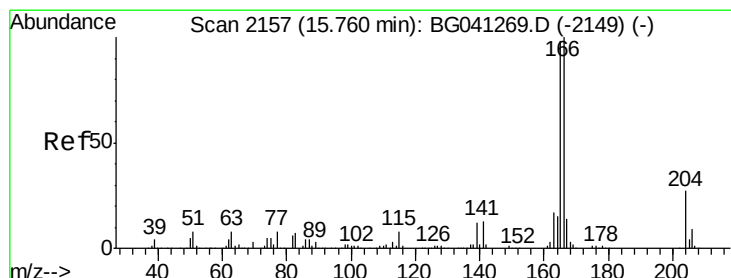
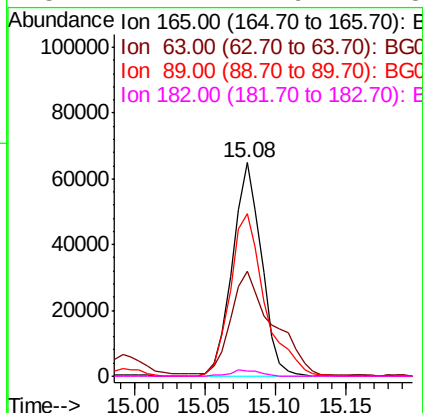
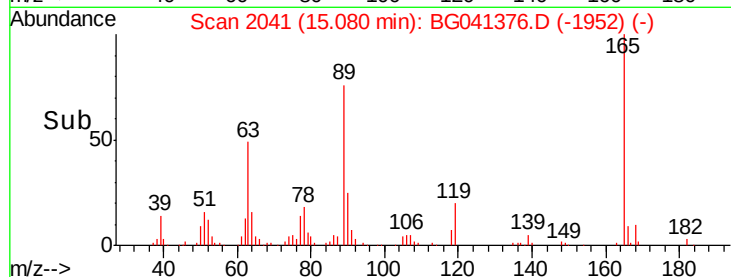
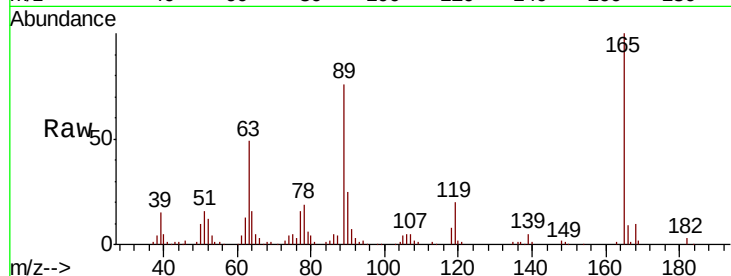




#57
2,4-Dinitrotoluene
Concen: 42.531 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

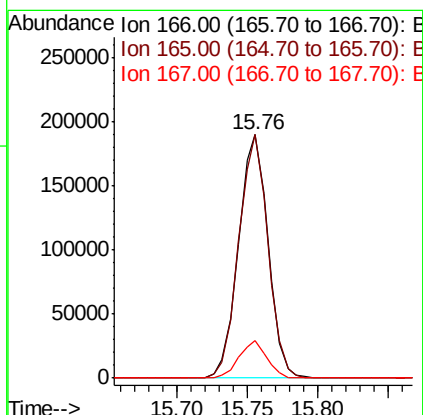
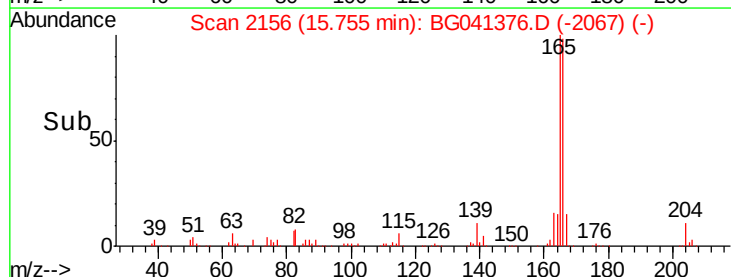
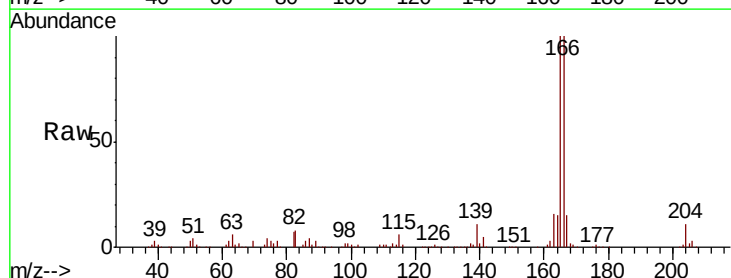
Instrument :
BNA_G
ClientSampleID :
PB120652BS

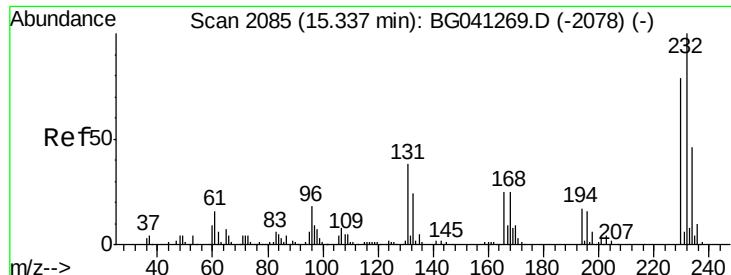
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	40.0	60.0
89	76.3	64.6	96.8
182	2.7	2.9	4.3



#58
Fluorene
Concen: 43.745 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.8	118.2
167	15.4	11.3	16.9

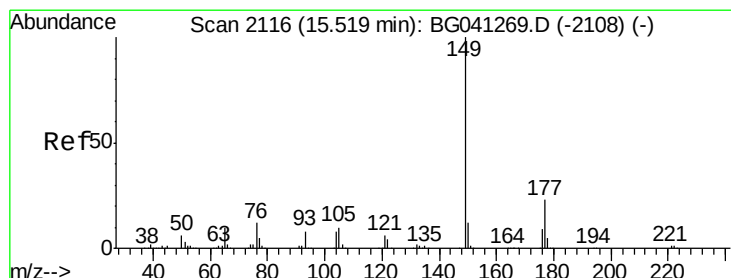
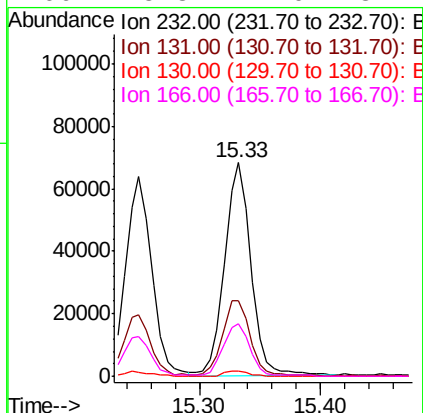
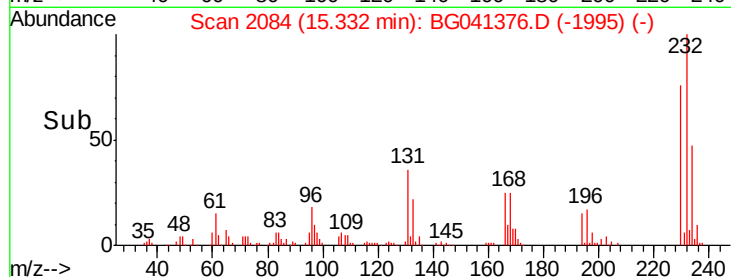
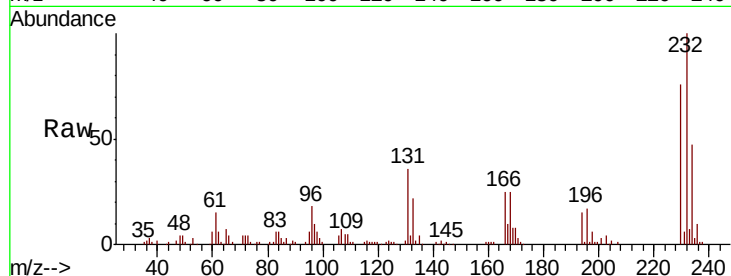




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.258 ng
 RT: 15.33 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

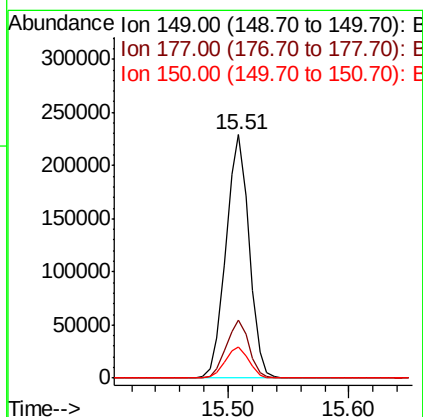
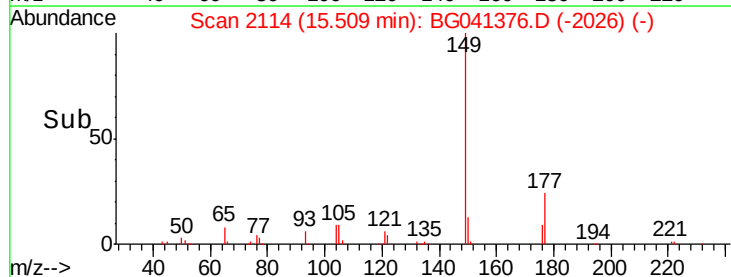
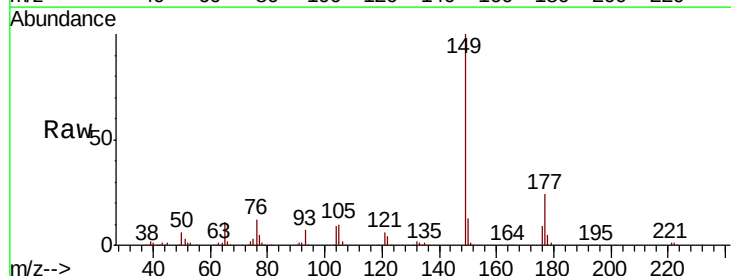
Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

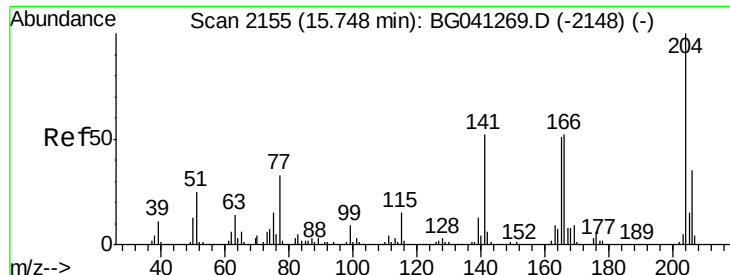
Tot Ion:	232	Resp:	102884
Ion	Ratio	Lower	Upper
232	100		
131	38.1	29.0	43.6
130	2.2	1.6	2.4
166	25.8	21.0	31.4



#60
 Diethylphthalate
 Concen: 41.932 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion:	149	Resp:	303751
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.4	27.6
150	12.7	9.9	14.9

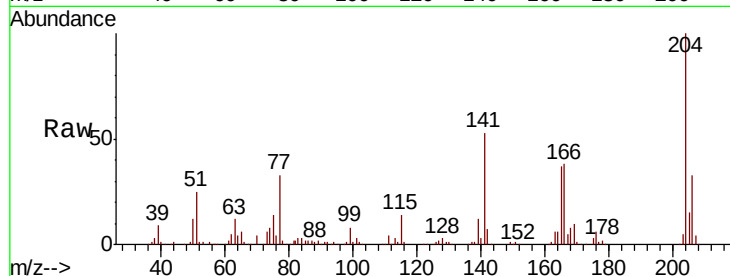




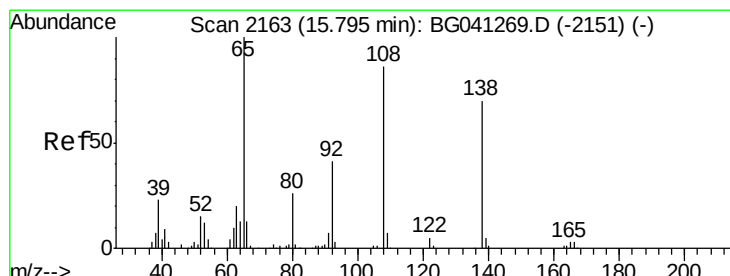
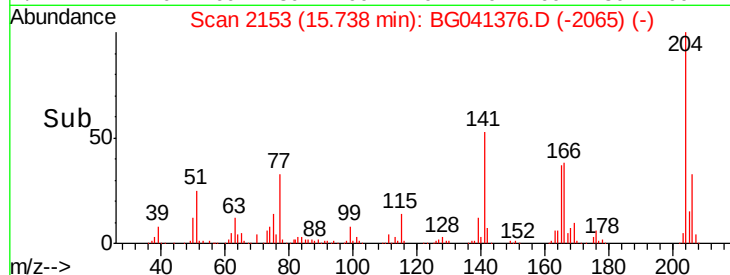
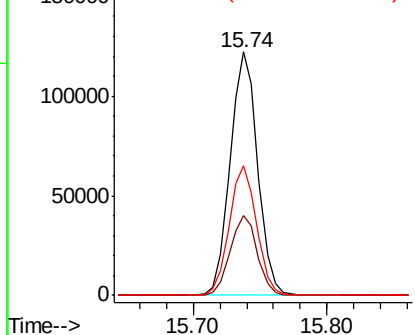
#61
4-Chlorophenyl-phenylether
Concen: 42.261 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:204 Resp: 174701
Ion Ratio Lower Upper
204 100
206 32.9 27.9 41.9
141 53.2 41.4 62.0

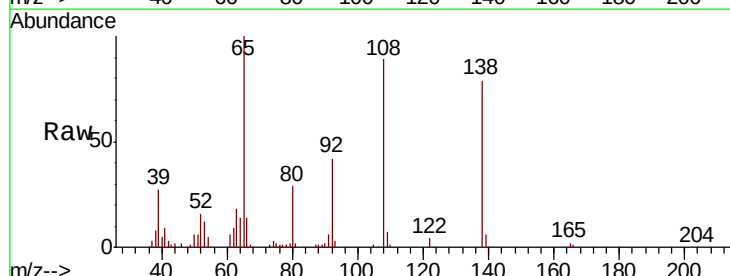


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

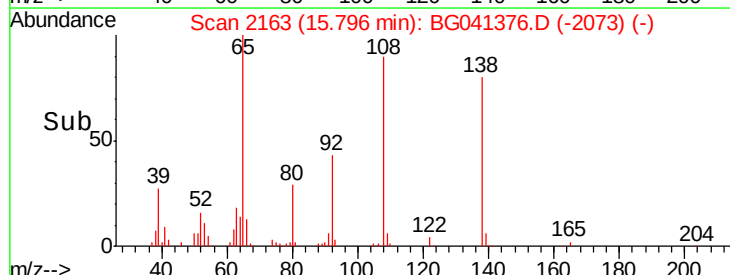
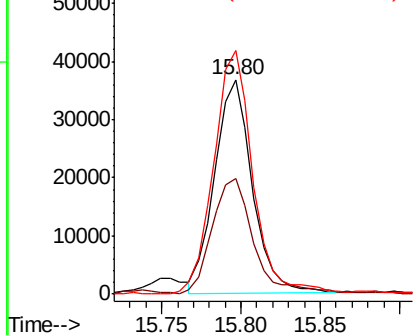


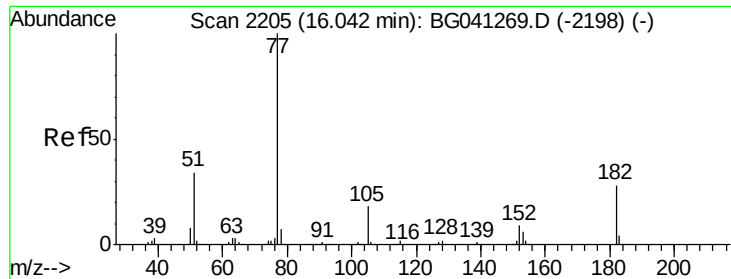
#62
4-Nitroaniline
Concen: 38.130 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:138 Resp: 60378
Ion Ratio Lower Upper
138 100
92 53.9 38.8 78.8
108 113.7 103.4 143.4



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

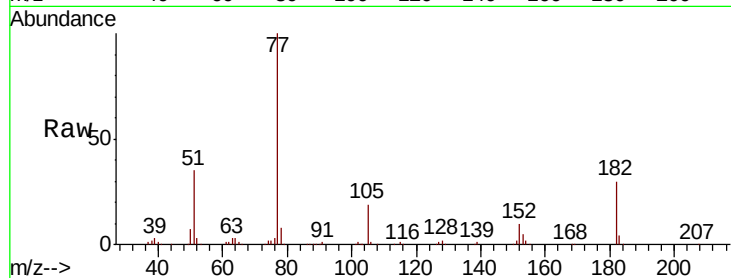




#63
Azobenzene
Concen: 42.032 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	7.5	47.5
105	19.0	0.0	37.7
51	35.2	14.6	54.6



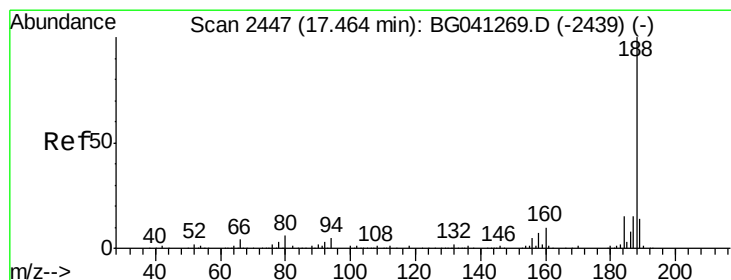
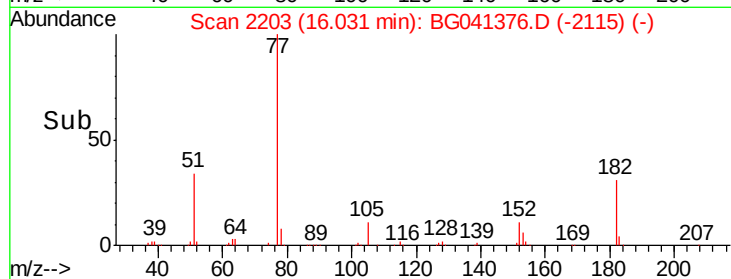
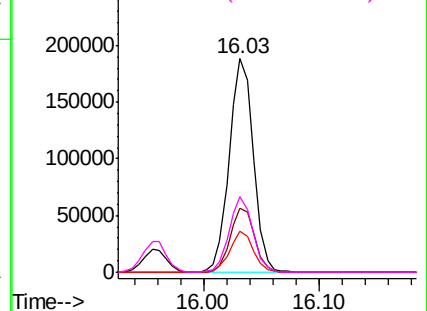
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

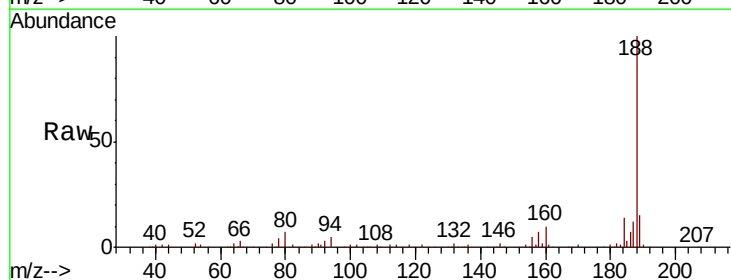
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	3.6	5.4#
80	6.9	4.8	7.2

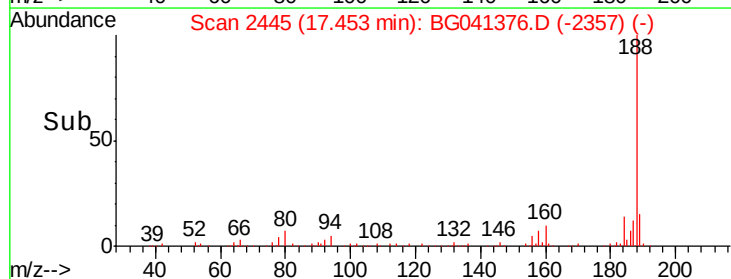
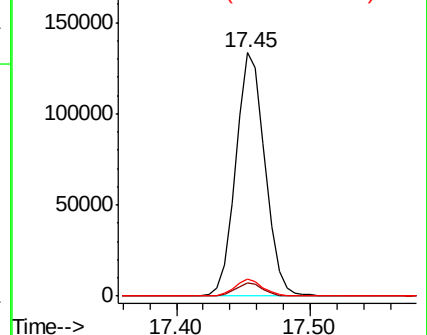


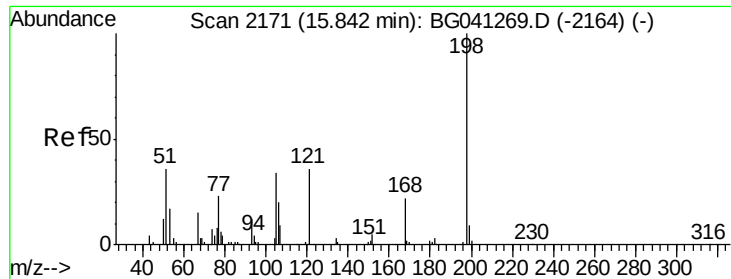
Abundance

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: 47.973 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

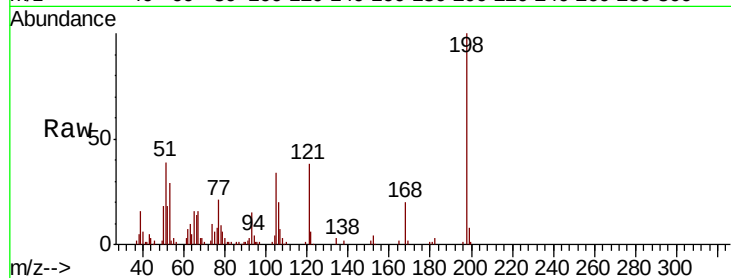
Tot Ion:198 Resp: 63146

Ion Ratio Lower Upper

198 100

51 39.4 23.4 63.4

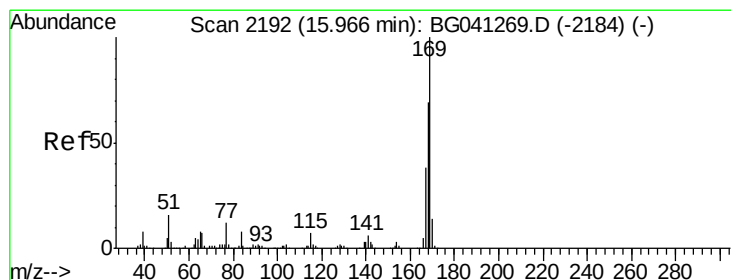
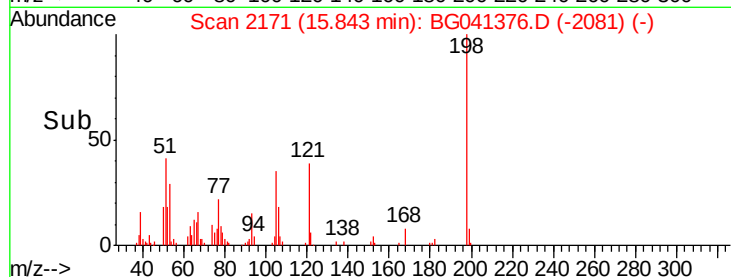
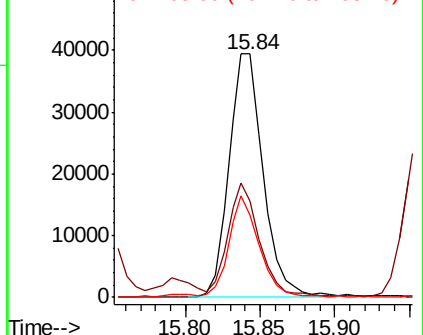
105 33.6 15.8 55.8



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: 46.807 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

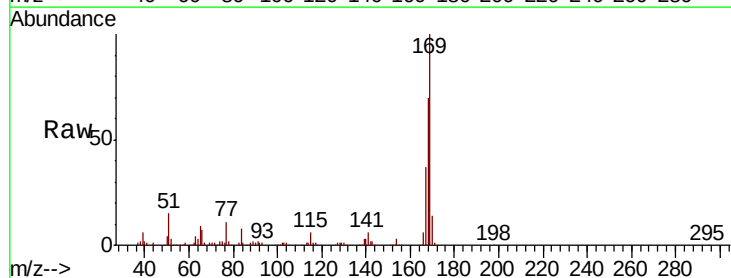
Tgt Ion:169 Resp: 252036

Ion Ratio Lower Upper

169 100

168 70.1 55.2 82.8

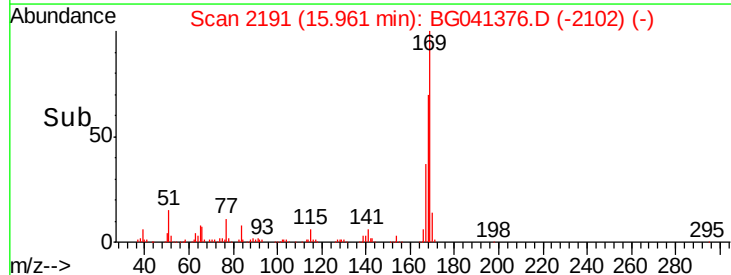
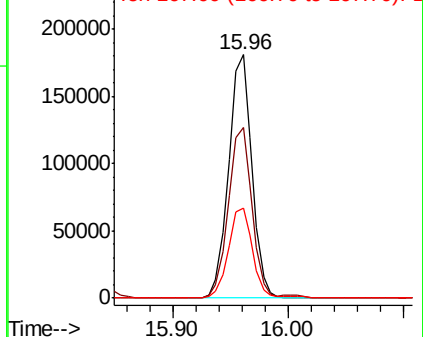
167 37.1 30.4 45.6

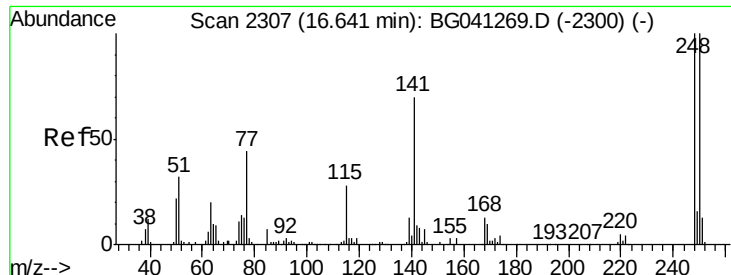


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

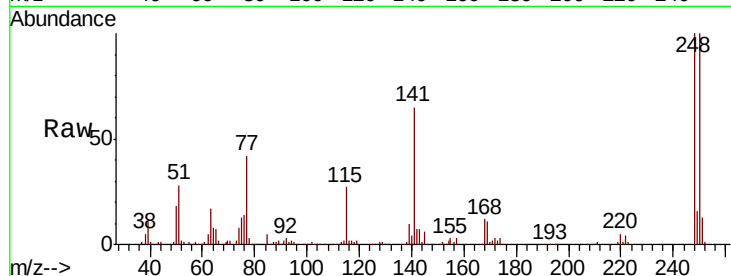




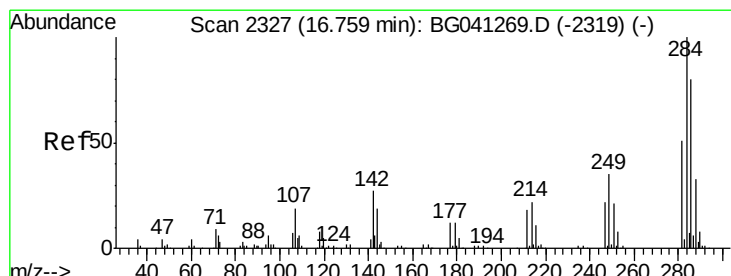
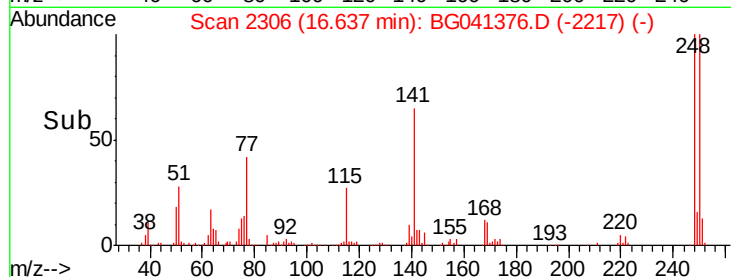
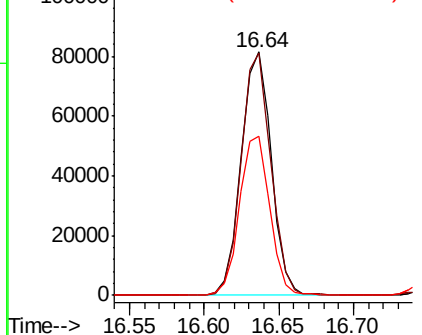
#67
 4-Bromophenyl-phenylether
 Concen: 43.344 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion:248 Resp: 113656
 Ion Ratio Lower Upper
 248 100
 250 99.7 79.8 119.8
 141 65.5 55.8 83.6

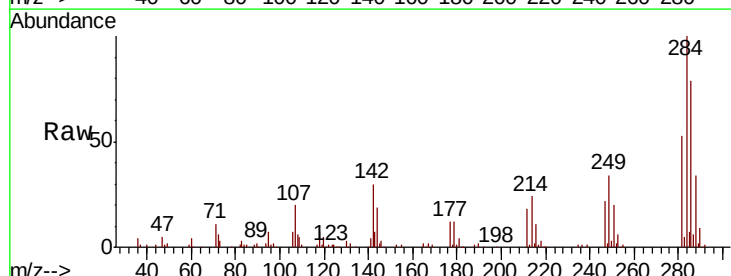


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

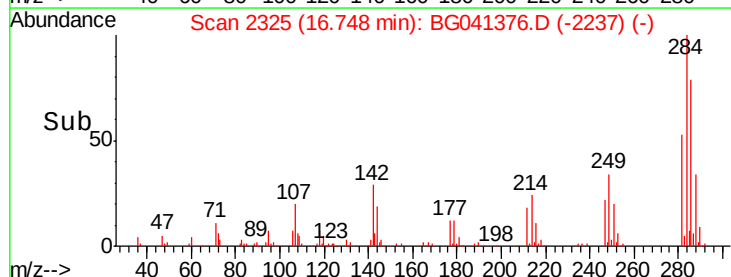
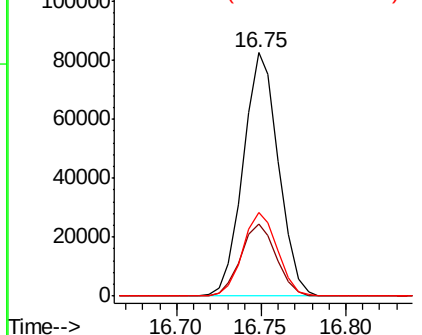


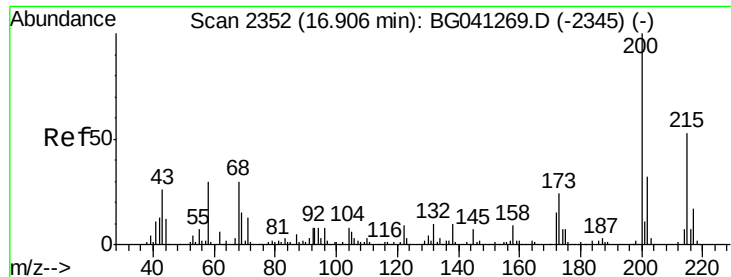
#68
 Hexachlorobenzene
 Concen: 42.689 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion:284 Resp: 119867
 Ion Ratio Lower Upper
 284 100
 142 29.6 21.8 32.8
 249 34.3 27.8 41.6



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





#69

Atrazine

Concen: Below Cal

RT: 16.90 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampled :

PB120652BS

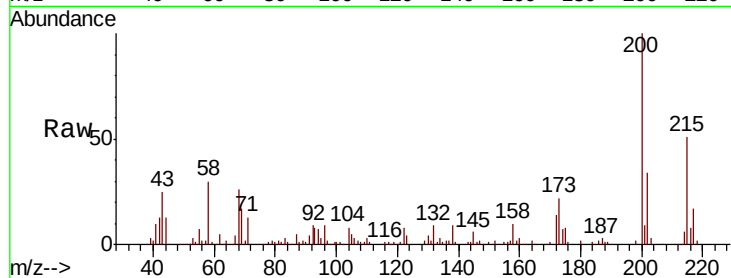
Tot Ion:200 Resp: 113501

Ion Ratio Lower Upper

200 100

173 22.5 4.0 44.0

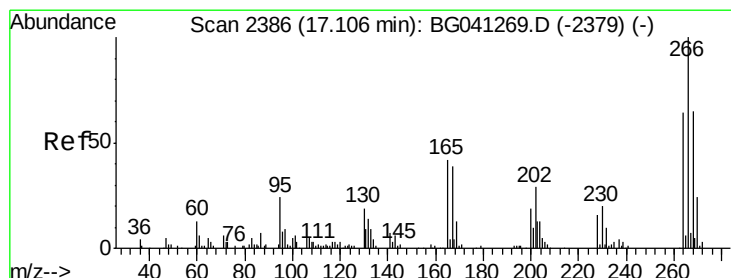
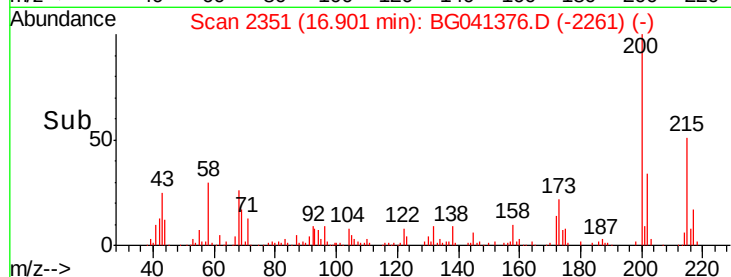
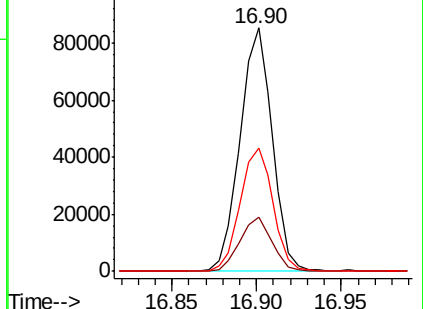
215 50.7 33.4 73.4



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: 100.398 ng

RT: 17.10 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

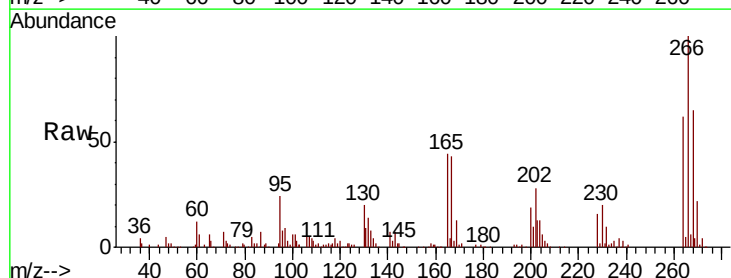
Tgt Ion:266 Resp: 144353

Ion Ratio Lower Upper

266 100

268 65.1 52.0 78.0

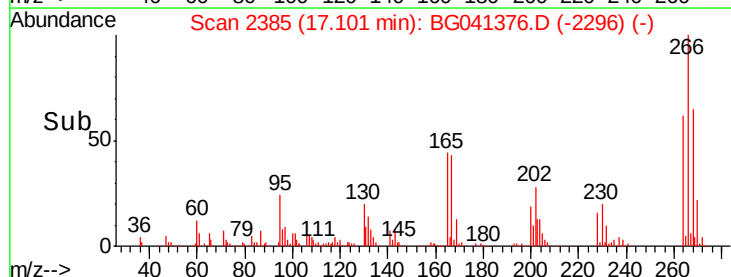
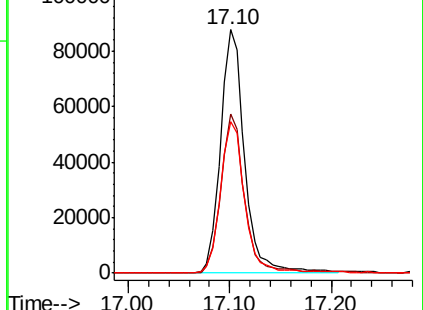
264 62.0 51.2 76.8

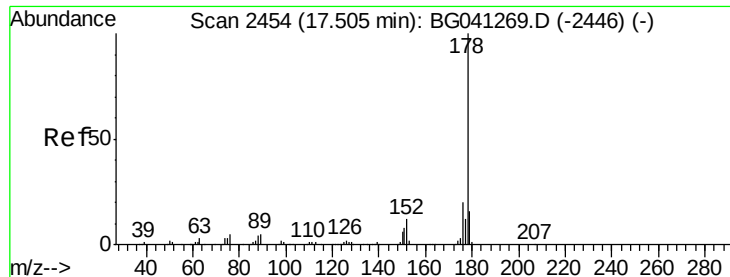


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

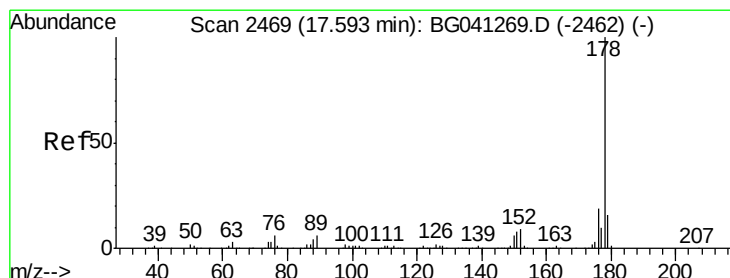
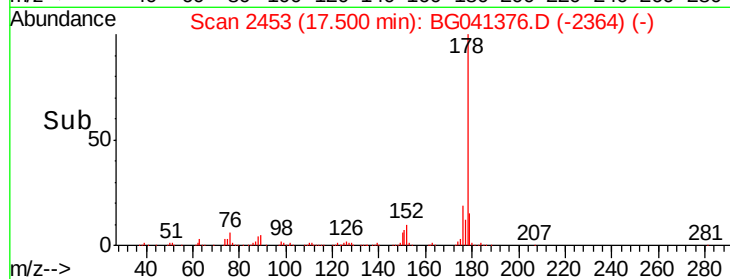
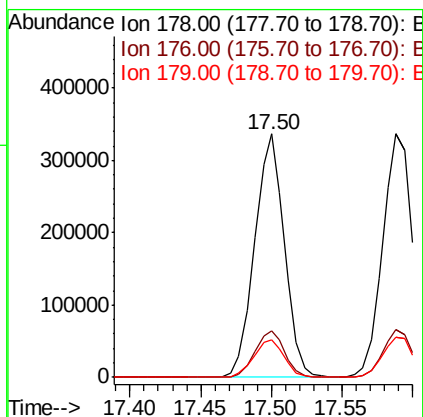
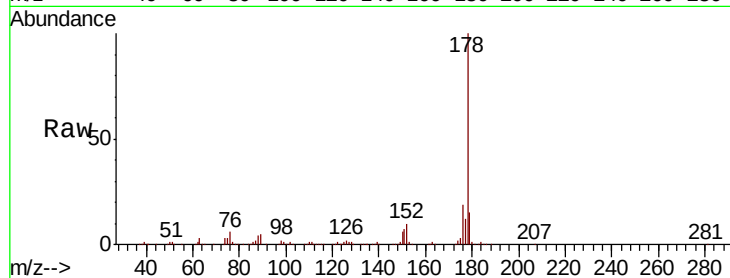




#71
Phenanthrene
Concen: 46.096 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

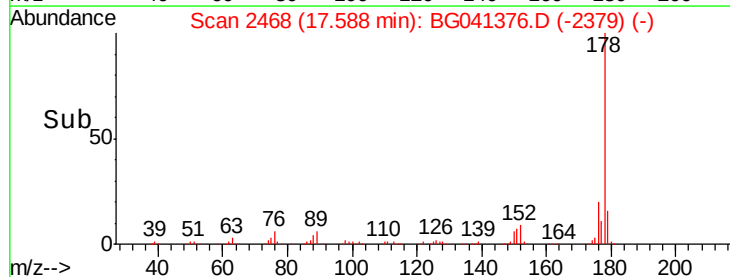
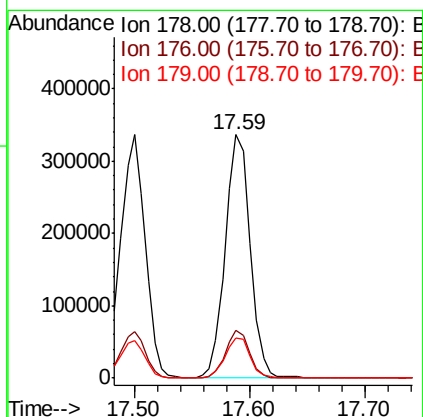
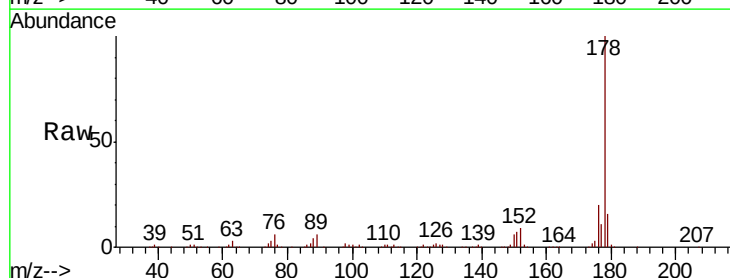
Instrument :
BNA_G
ClientSampleId :
PB120652BS

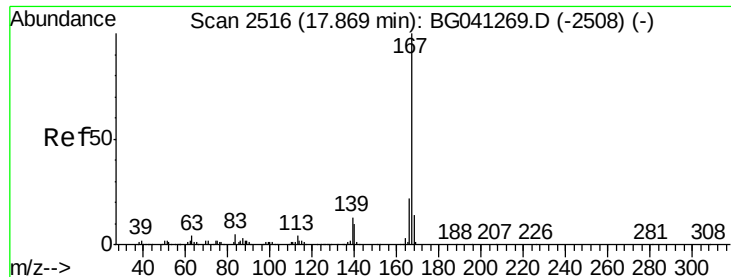
Tot Ion:178 Resp: 498564
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 15.5 12.9 19.3



#72
Anthracene
Concen: 47.252 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:178 Resp: 503838
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.3 13.0 19.4





#73

Carbazole

Concen: 48.501 ng

RT: 17.86 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

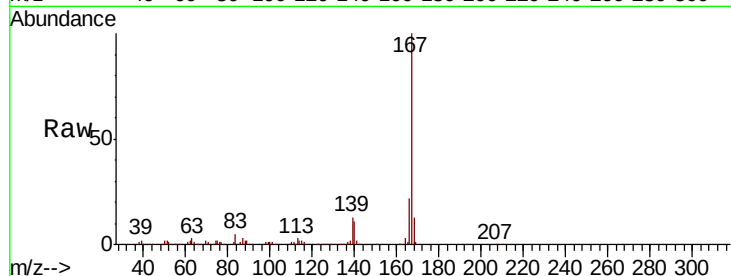
Tot Ion:167 Resp: 452394

Ion Ratio Lower Upper

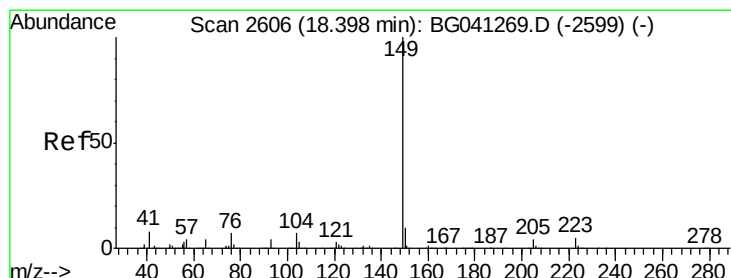
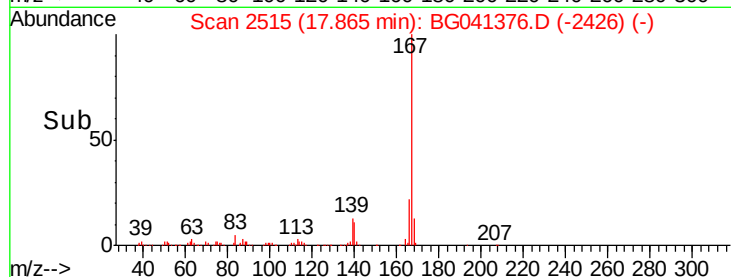
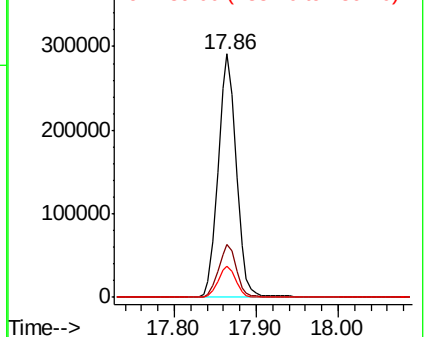
167 100

166 21.9 17.9 26.9

139 12.8 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.999 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

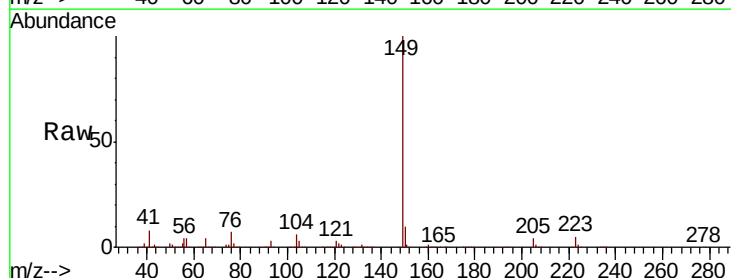
Tgt Ion:149 Resp: 547000

Ion Ratio Lower Upper

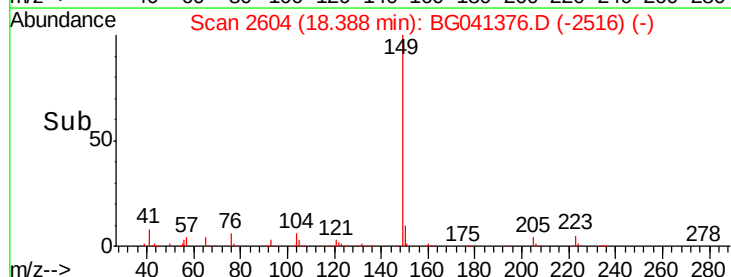
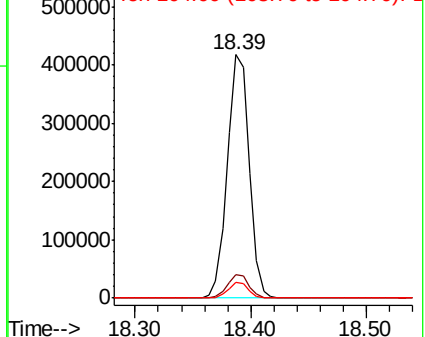
149 100

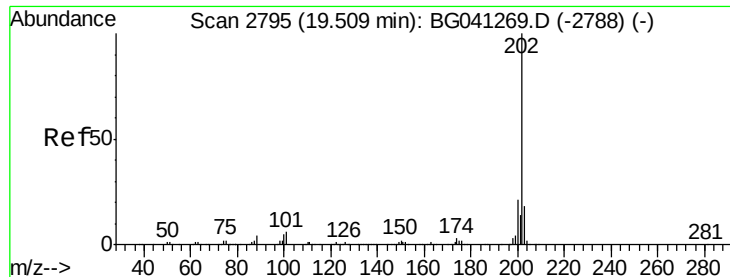
150 9.5 8.1 12.1

104 6.4 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.534 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

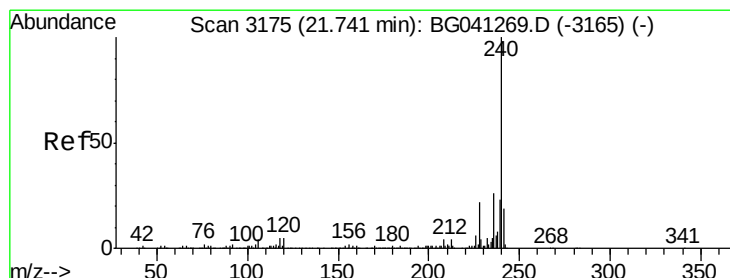
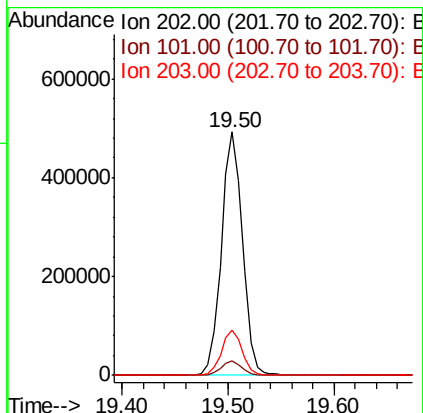
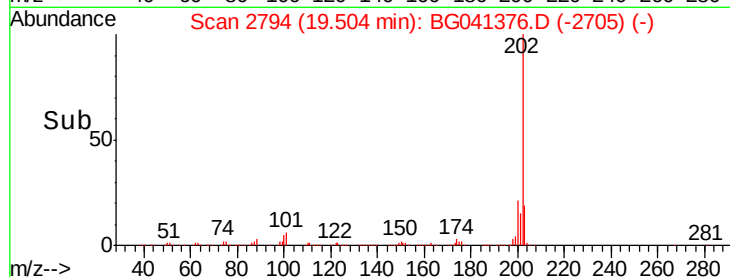
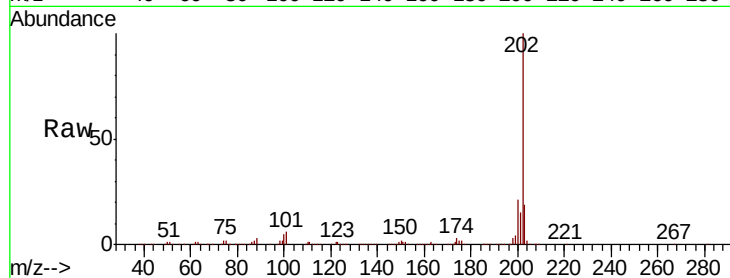
Tot Ion:202 Resp: 683009

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.0

203 18.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

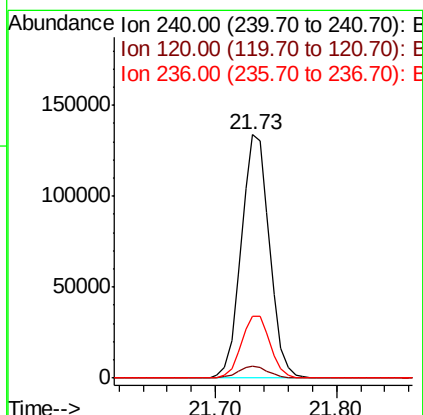
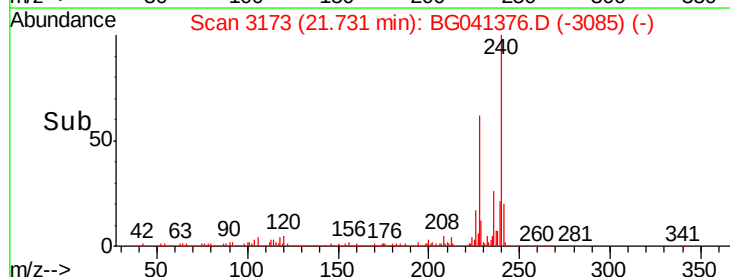
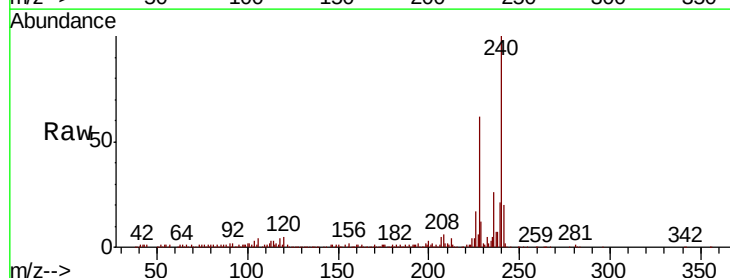
Tgt Ion:240 Resp: 217681

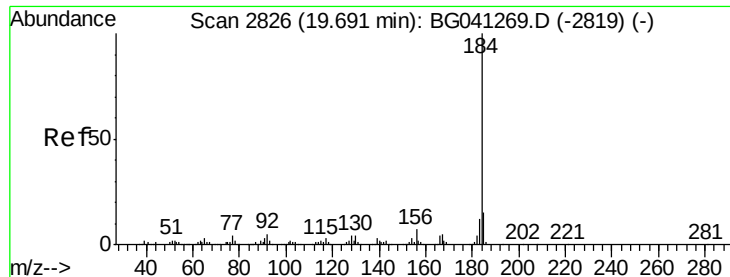
Ion Ratio Lower Upper

240 100

120 4.7 3.7 5.5

236 25.6 21.1 31.7





#77

Benzidine

Concen: 25.460 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

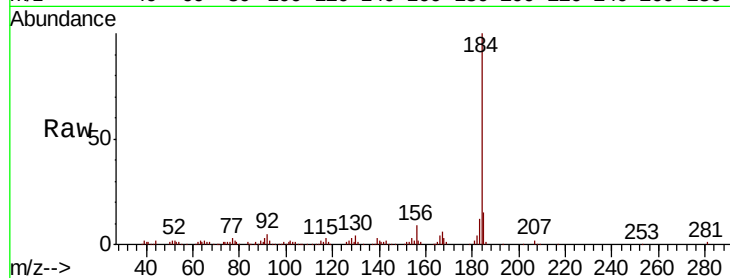
BNA_G

ClientSampleId :

PB120652BS

Tot Ion:184 Resp: 134050

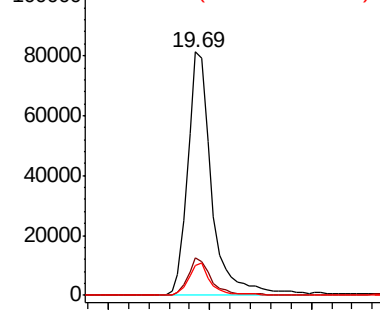
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	12.2	9.6	14.4



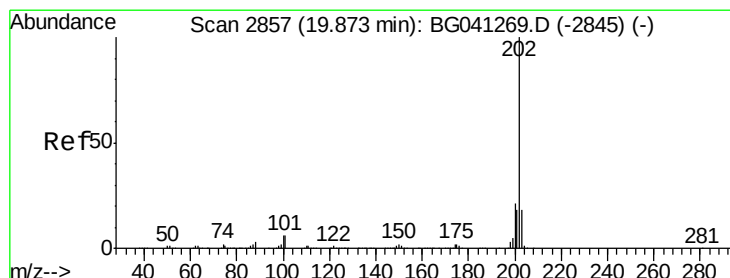
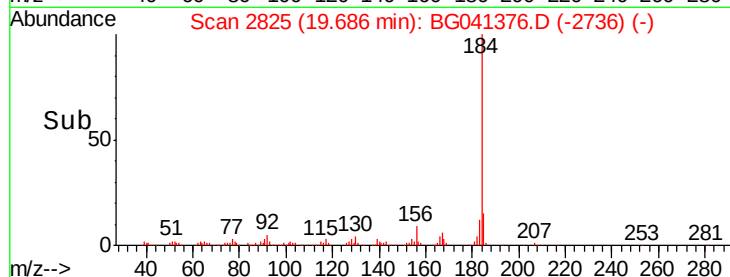
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.60 19.70 19.80



#78

Pyrene

Concen: 46.725 ng

RT: 19.87 min Scan# 2856

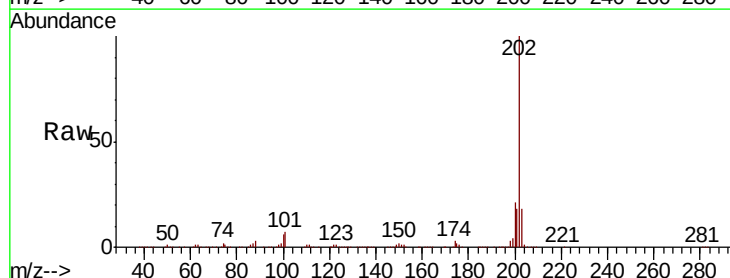
Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion:202 Resp: 685951

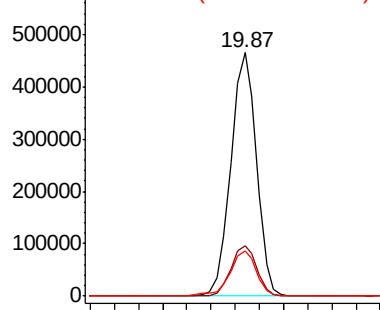
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	18.5	14.6	21.8



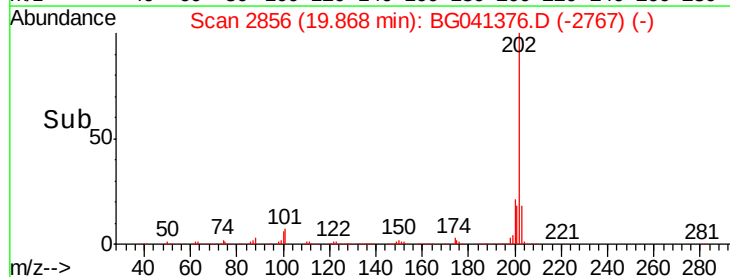
Abundance Ion 202.00 (201.70 to 202.70): E

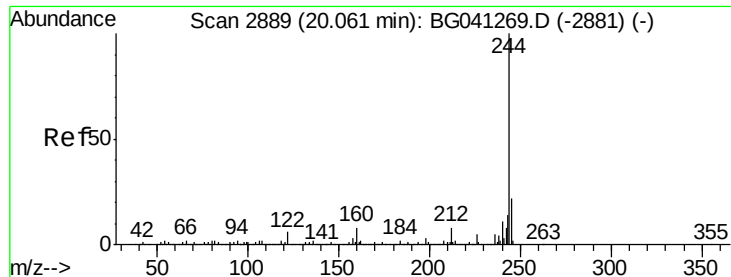
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.80 19.90





#79

Terphenyl-d14

Concen: 97.554 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

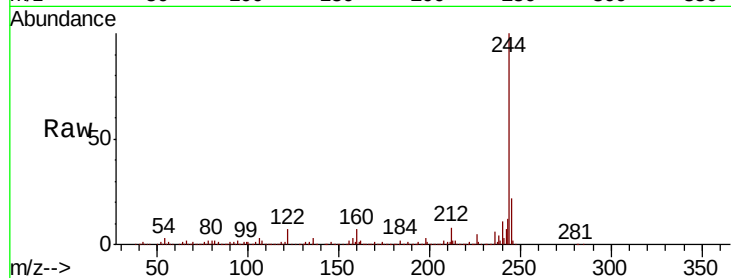
Tot Ion:244 Resp: 1071541

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

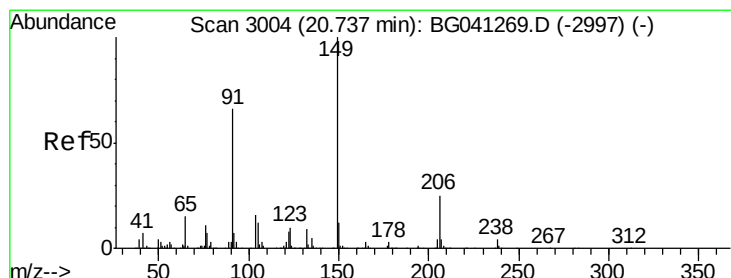
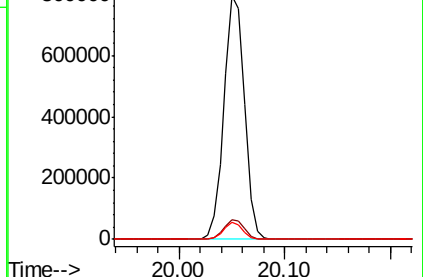
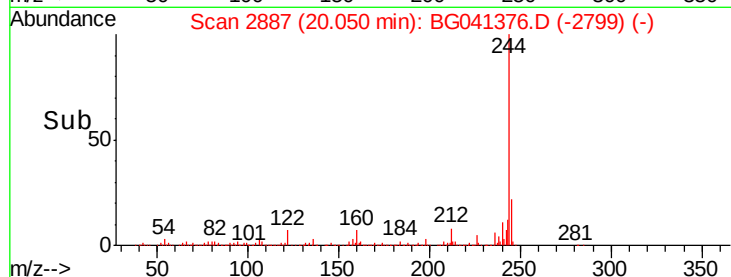
122 6.8 5.0 7.4



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: 46.526 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

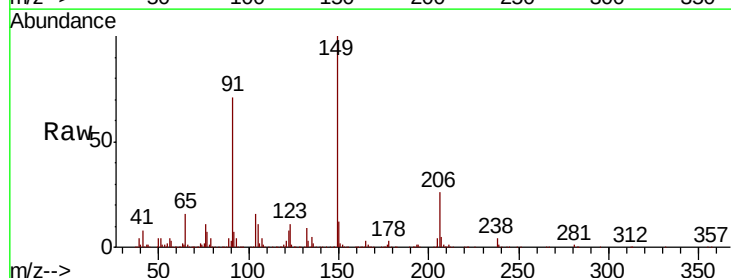
Tgt Ion:149 Resp: 258352

Ion Ratio Lower Upper

149 100

91 71.5 53.2 79.8

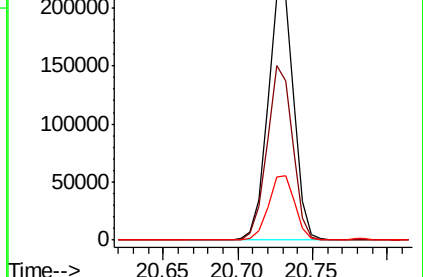
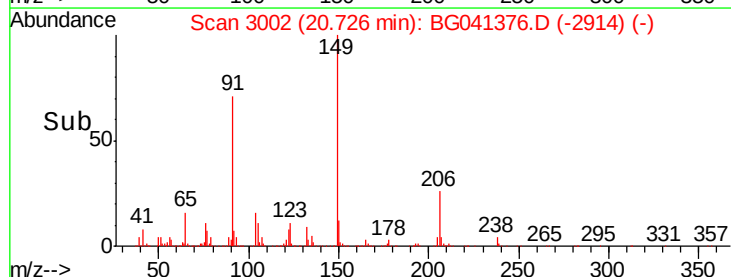
206 25.9 20.3 30.5

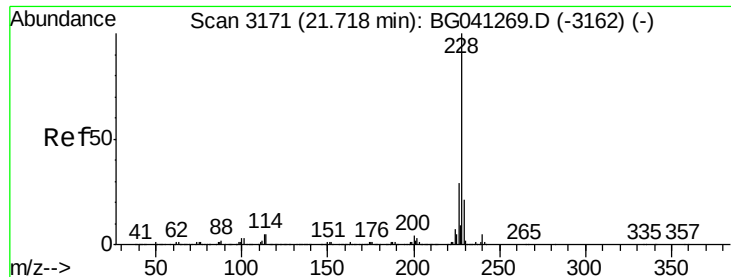


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

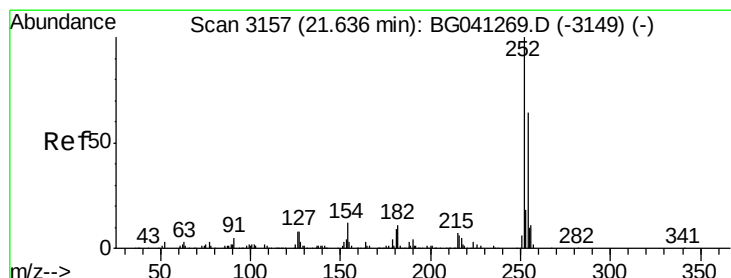
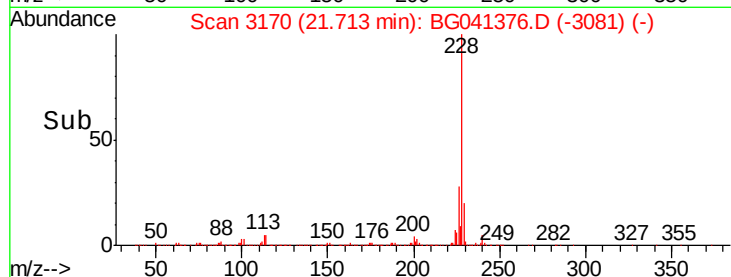
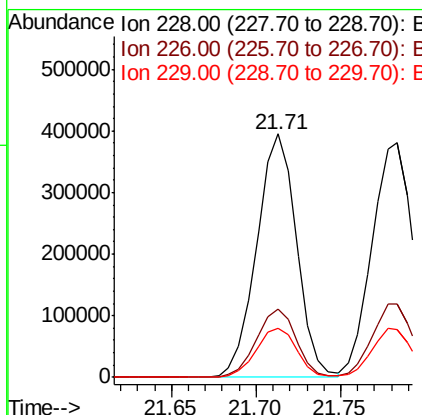
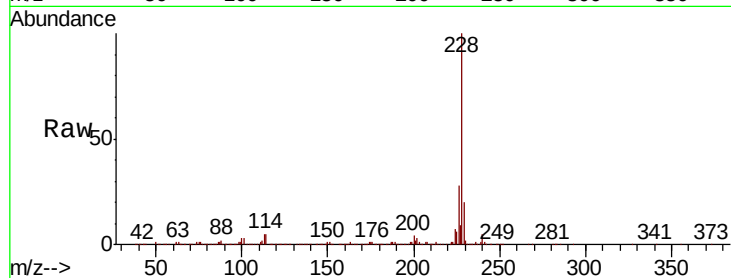




#81
Benzo(a)anthracene
Concen: 43.800 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

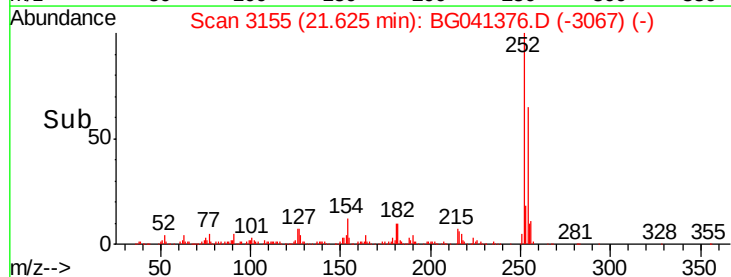
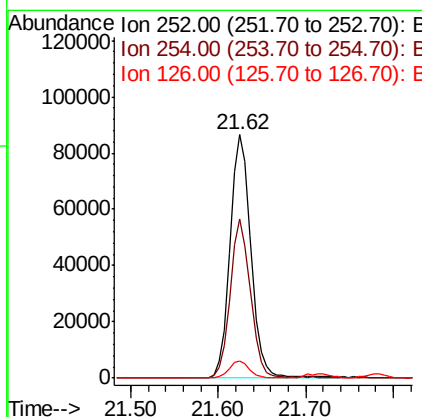
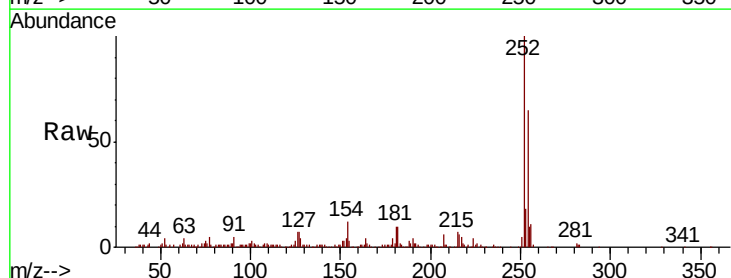
Instrument :
BNA_G
ClientSampleId :
PB120652BS

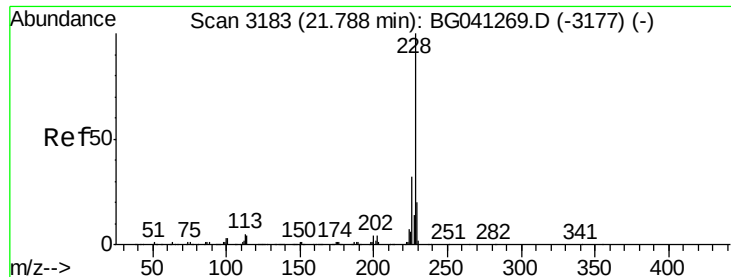
Tot Ion:228 Resp: 645562
Ion Ratio Lower Upper
228 100
226 28.3 23.2 34.8
229 20.2 16.8 25.2



#82
3,3'-Dichlorobenzidine
Concen: 27.311 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:252 Resp: 141304
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.0
126 7.1 6.0 9.0





#83

Chrysene

Concen: 45.585 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

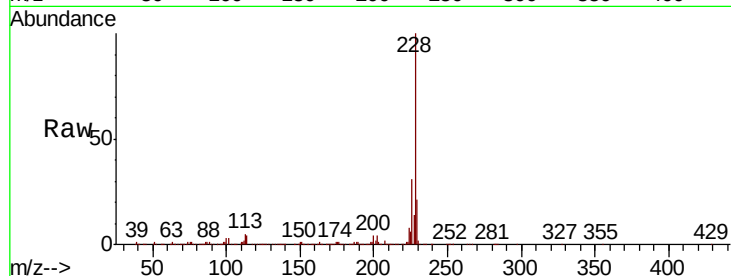
Tot Ion:228 Resp: 646131

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

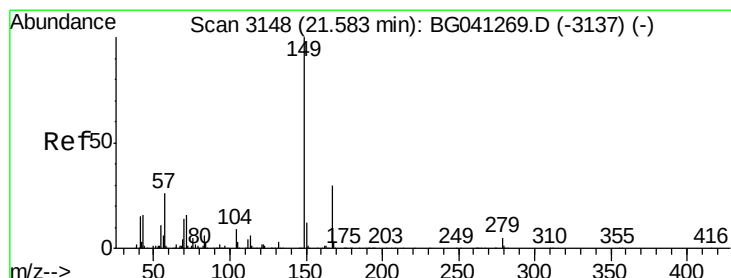
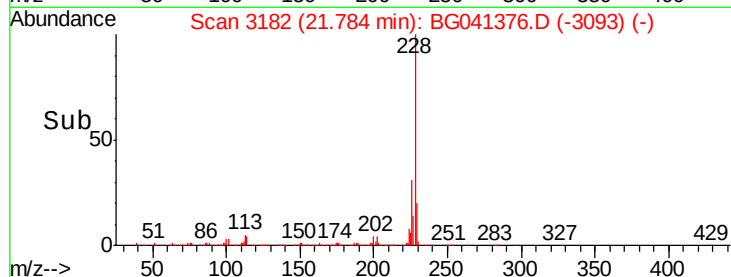
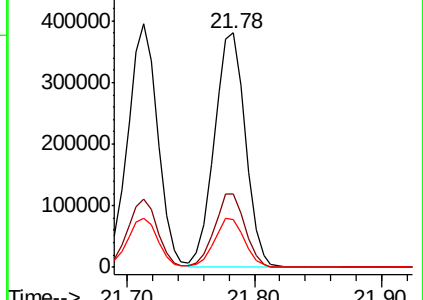
229 20.5 16.2 24.2



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: 45.905 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

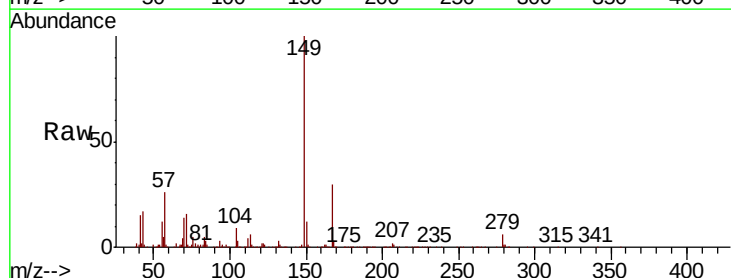
Tgt Ion:149 Resp: 347382

Ion Ratio Lower Upper

149 100

167 29.8 23.8 35.8

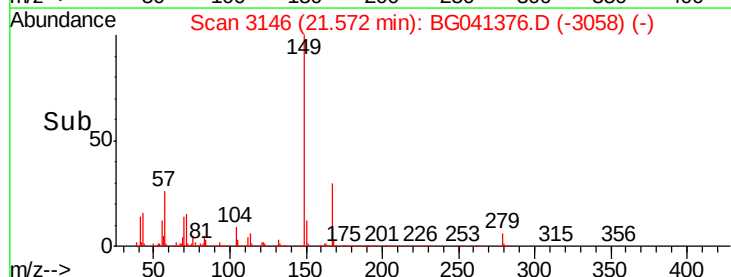
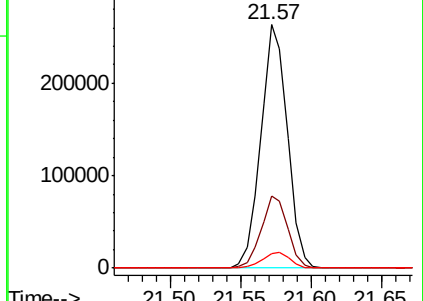
279 6.1 4.4 6.6

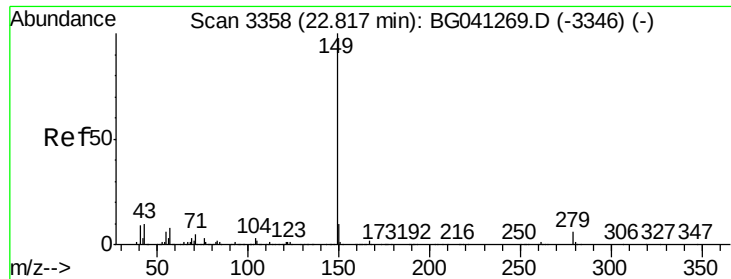


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

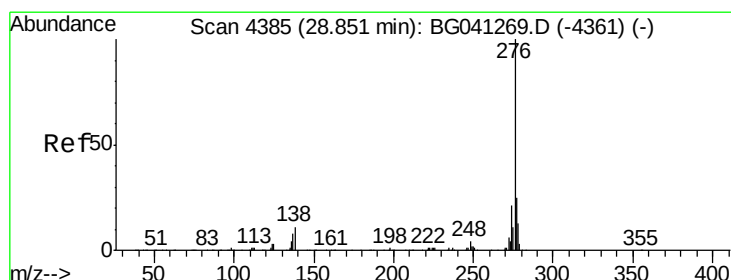
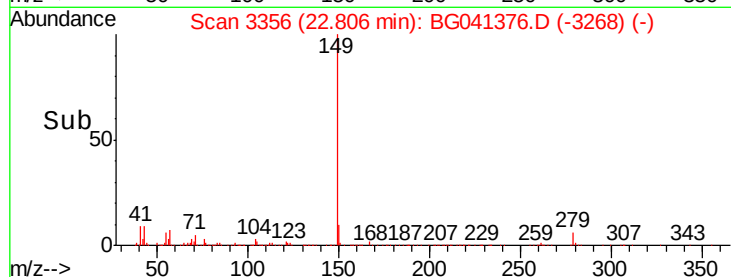
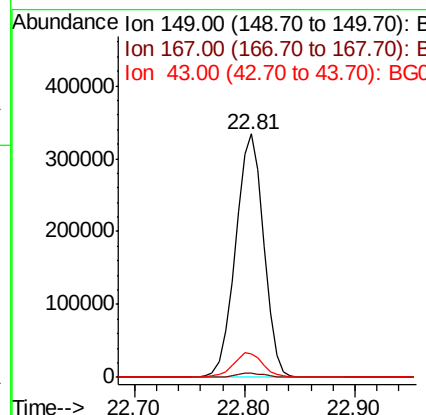
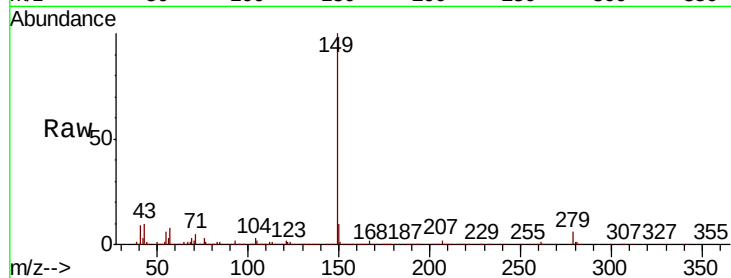




#85
Di-n-octyl phthalate
Concen: 46.484 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

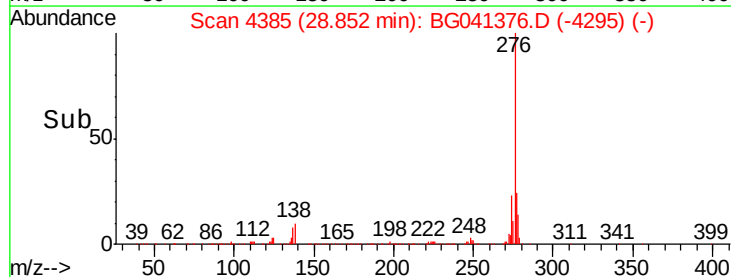
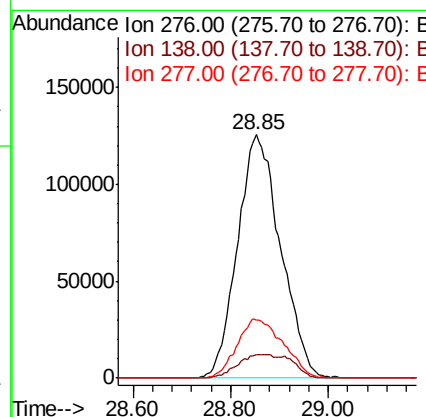
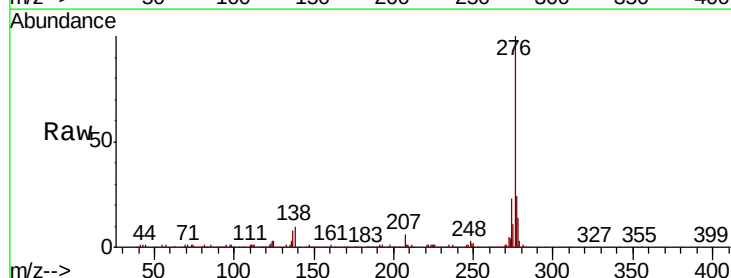
Instrument :
BNA_G
ClientSampleId :
PB120652BS

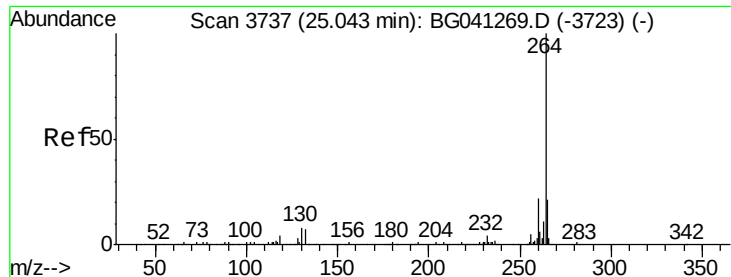
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	10.0	8.2	12.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.674 ng
RT: 28.85 min Scan# 4385
Delta R.T. 0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.2	7.7	11.5
277	26.2	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

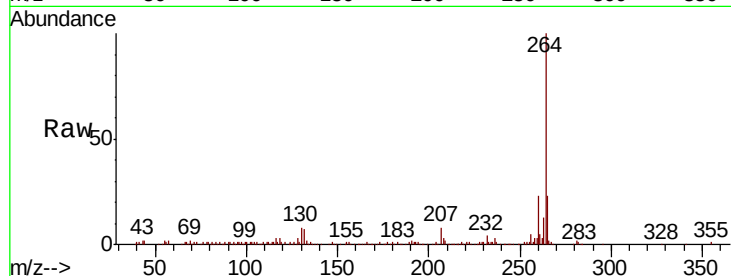
Tot Ion:264 Resp: 205093

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.2

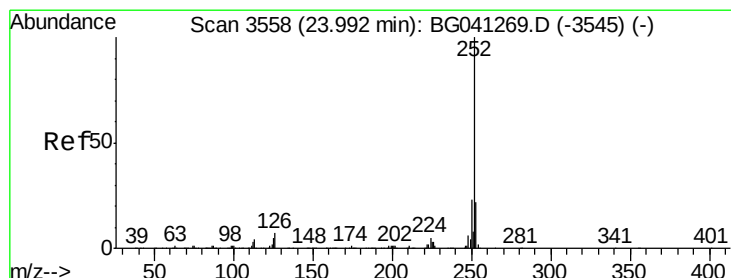
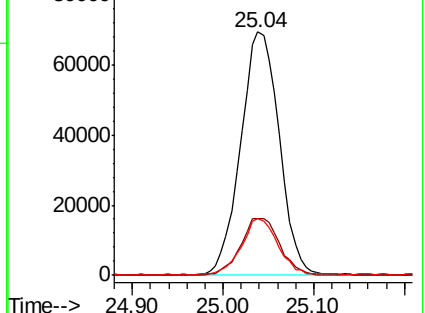
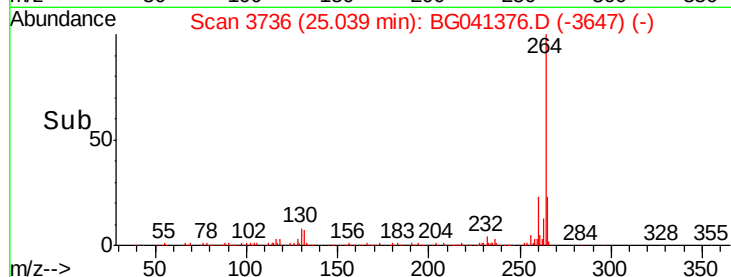
265 23.4 17.2 25.8



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: 51.555 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

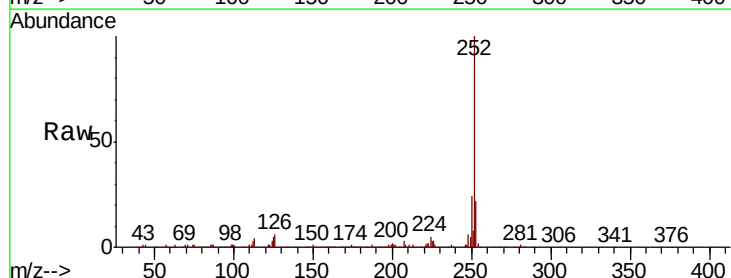
Tgt Ion:252 Resp: 655277

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

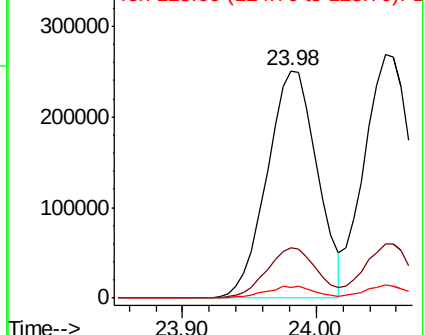
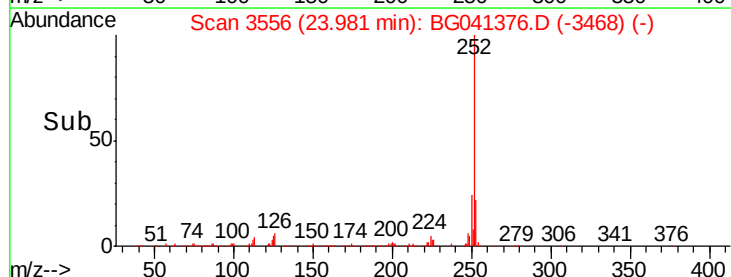
125 4.9 3.9 5.9

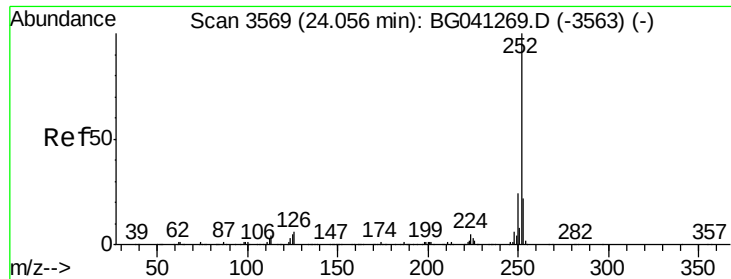


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.696 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

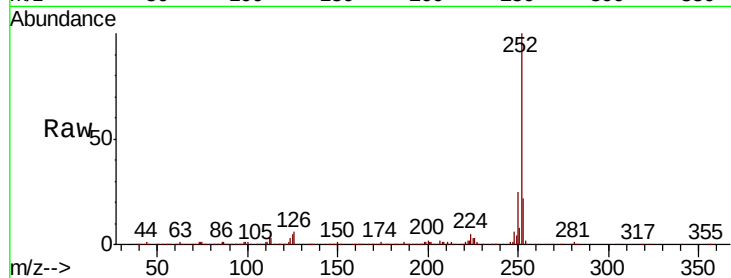
Tot Ion:252 Resp: 650927

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

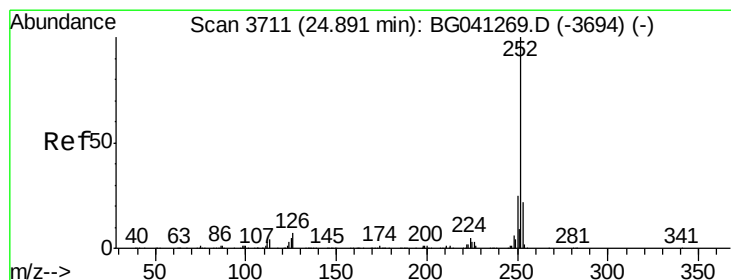
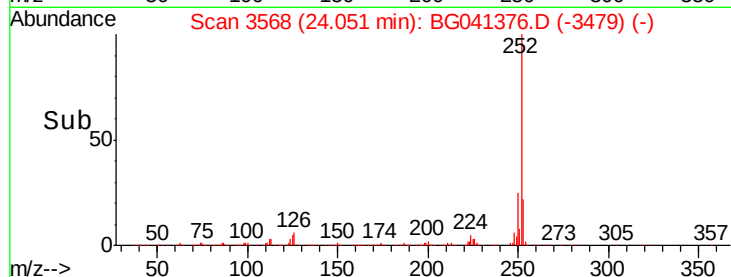
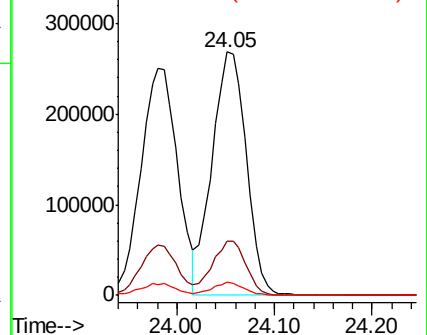
125 5.2 4.3 6.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.948 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

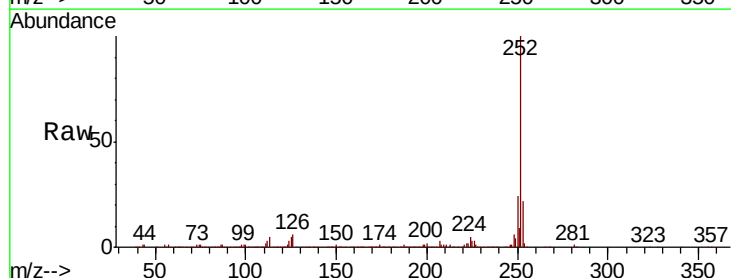
Tgt Ion:252 Resp: 635575

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

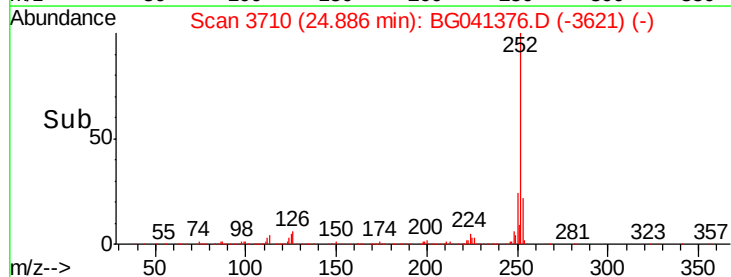
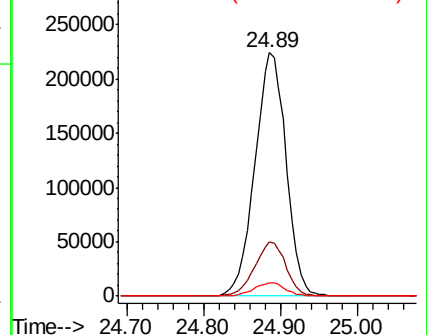
125 5.3 4.2 6.4

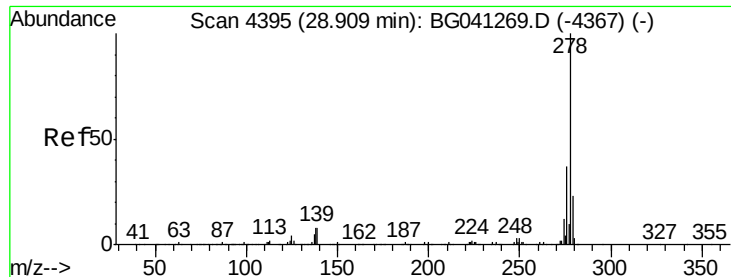


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

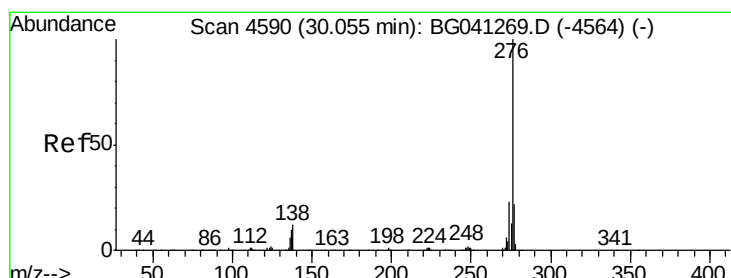
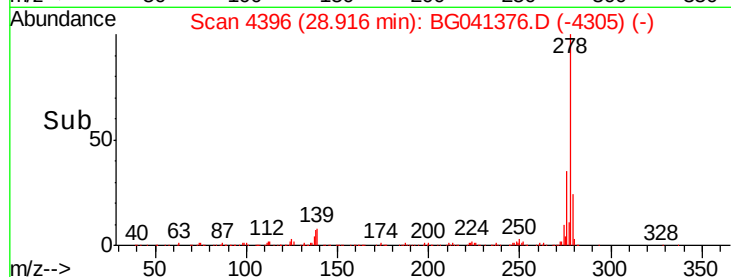
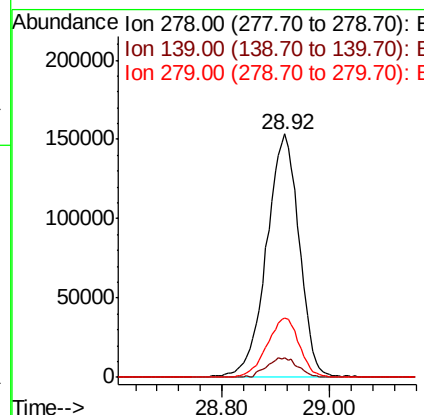
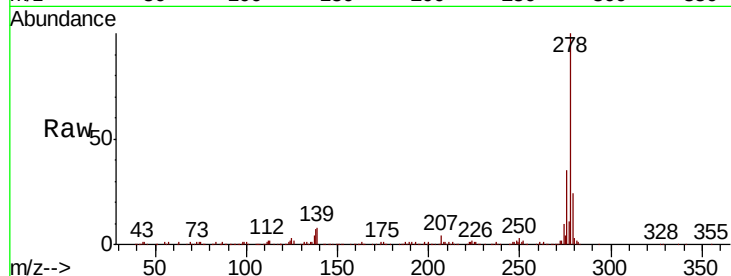




#91
Dibenzo(a,h)anthracene
Concen: 53.001 ng
RT: 28.92 min Scan# 4396
Delta R.T. 0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.6	10.0
279	24.4	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 53.195 ng
RT: 30.06 min Scan# 4591
Delta R.T. 0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	10.4	9.4	14.0

