

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041024.D
 Acq On : 3 Jun 2019 8:39
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 15:24:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	51915	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	211864	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	150564	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	379373	20.00	ng	0.00
76) Chrysene-d12	21.77	240	388171	20.00	ng	-0.01
87) Perylene-d12	25.11	264	412893	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	230820	80.17	ng	0.00
7) Phenol-d6	7.26	99	338133	76.05	ng	0.00
23) Nitrobenzene-d5	9.30	82	392889	82.33	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	180165	80.60	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	863047	82.55	ng	-0.01
79) Terphenyl-d14	20.09	244	1518105	83.00	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	53352	40.838	ng	98
3) Pyridine	3.93	79	159457	41.249	ng	99
4) n-Nitrosodimethylamine	3.85	42	73873	41.175	ng	92
6) Aniline	7.44	93	230823	38.892	ng	96
8) 2-Chlorophenol	7.68	128	130848	38.122	ng	93
9) Benzaldehyde	7.26	77	104019	39.217	ng	95
10) Phenol	7.29	94	178983	37.543	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	135686	39.233	ng	99
12) 1,3-Dichlorobenzene	8.01	146	164392	40.101	ng	98
13) 1,4-Dichlorobenzene	8.15	146	168295	40.557	ng	95
14) 1,2-Dichlorobenzene	8.48	146	160994	39.959	ng	99
15) Benzyl Alcohol	8.36	79	158454	38.525	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	221738	39.236	ng	98
17) 2-Methylphenol	8.55	107	129101	37.401	ng	96
18) Hexachloroethane	9.21	117	66339	41.480	ng	99
19) n-Nitroso-di-n-propylamine	8.92	70	131429	38.410	ng	99
20) 3+4-Methylphenols	8.88	107	172516	36.080	ng	97
22) Acetophenone	8.95	105	238344	40.104	ng	# 96
24) Nitrobenzene	9.34	77	197928	40.697	ng	98
25) Isophorone	9.85	82	354871	39.073	ng	98
26) 2-Nitrophenol	10.05	139	81147	40.473	ng	# 90
27) 2,4-Dimethylphenol	10.09	122	124951	37.734	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	191184	39.002	ng	98
29) 2,4-Dichlorophenol	10.58	162	155109	36.887	ng	93
30) 1,2,4-Trichlorobenzene	10.80	180	194469	40.654	ng	99
31) Naphthalene	10.99	128	454654	39.969	ng	97
32) Benzoic acid	10.22	122	85403	35.681	ng	96
33) 4-Chloroaniline	11.10	127	207285	39.274	ng	97
34) Hexachlorobutadiene	11.26	225	150707	41.175	ng	100
35) Caprolactam	11.89	113	52789	38.016	ng	95
36) 4-Chloro-3-methylphenol	12.20	107	177659	36.994	ng	96
37) 2-Methylnaphthalene	12.59	142	336186	38.373	ng	96
38) 1-Methylnaphthalene	12.81	142	317692	38.481	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	251765	41.487	ng	99

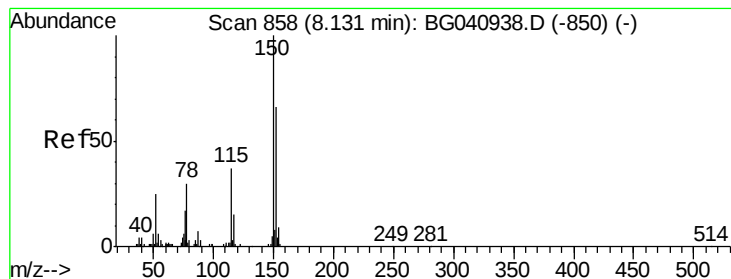
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041024.D
 Acq On : 3 Jun 2019 8:39
 Operator : HP/JU
 Sample : SSTDC0040
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 03 15:24:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	111280	38.836	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	156207	39.790	nq	98
44) 2,4,5-Trichlorophenol	13.26	196	164081	39.630	nq	96
46) 1,1'-Biphenyl	13.58	154	455817	40.899	nq	99
47) 2-Chloronaphthalene	13.64	162	392864	41.061	nq	99
48) 2-Nitroaniline	13.84	65	145875	42.499	nq	97
49) Acenaphthylene	14.48	152	579940	40.273	nq	99
50) Dimethylphthalate	14.20	163	504437	39.578	nq	99
51) 2,6-Dinitrotoluene	14.33	165	107565	39.143	nq	98
52) Acenaphthene	14.82	154	348367	39.934	nq	97
53) 3-Nitroaniline	14.66	138	112157	40.816	nq	97
54) 2,4-Dinitrophenol	14.86	184	42690	40.200	nq	96
55) Dibenzofuran	15.15	168	591974	40.329	nq	99
56) 4-Nitrophenol	14.95	139	76894	40.797	nq	93
57) 2,4-Dinitrotoluene	15.11	165	159430	41.072	nq	# 97
58) Fluorene	15.80	166	469386	40.153	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	160205	39.373	nq	99
60) Diethylphthalate	15.55	149	519641	39.951	nq	98
61) 4-Chlorophenyl-phenylether	15.78	204	303662	39.965	nq	96
62) 4-Nitroaniline	15.82	138	122146	41.987	nq	96
63) Azobenzene	16.08	77	474586	40.145	nq	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	77709	39.975	nq	99
66) n-Nitrosodiphenylamine	16.00	169	424926	39.844	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	198294	38.731	nq	98
68) Hexachlorobenzene	16.79	284	212372	38.955	nq	99
69) Atrazine	16.94	200	175245	42.587	nq	97
70) Pentachlorophenol	17.13	266	102503	37.486	nq	98
71) Phenanthrene	17.54	178	807210	40.849	nq	99
72) Anthracene	17.63	178	802485	41.175	nq	99
73) Carbazole	17.90	167	702432	42.004	nq	97
74) Di-n-butylphthalate	18.43	149	860928	41.422	nq	99
75) Fluoranthene	19.54	202	1037980	42.526	nq	100
77) Benzidine	19.72	184	384830	41.559	nq	98
78) Pyrene	19.91	202	1040933	41.252	nq	99
80) Butylbenzylphthalate	20.77	149	397094	40.438	nq	97
81) Benzo(a)anthracene	21.76	228	1034891	40.051	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	363756	40.025	nq	99
83) Chrysene	21.82	228	995047	40.241	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	541818	39.195	nq	99
85) Di-n-octyl phthalate	22.87	149	912137	39.619	nq	100
86) Indeno(1,2,3-cd)pyrene	28.94	276	1151566	38.018	nq	# 98
88) Benzo(b)fluoranthene	24.04	252	1015384	40.545	nq	100
89) Benzo(k)fluoranthene	24.11	252	1003240	40.482	nq	99
90) Benzo(a)pyrene	24.96	252	960047	40.181	nq	97
91) Dibenzo(a,h)anthracene	29.02	278	953412	39.935	nq	99
92) Benzo(g,h,i)perylene	30.15	276	909334	39.205	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

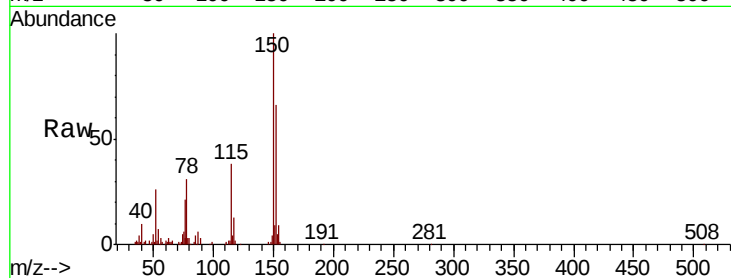
Tot Ion:152 Resp: 51915

Ion Ratio Lower Upper

152 100

150 150.9 120.6 180.8

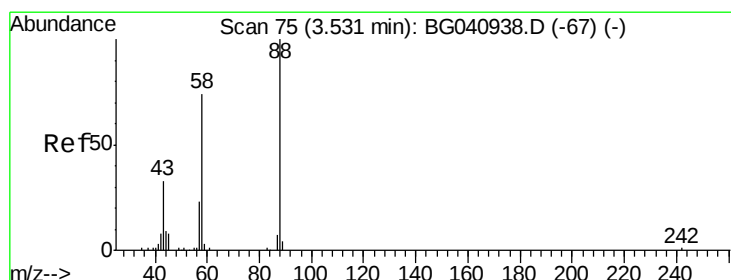
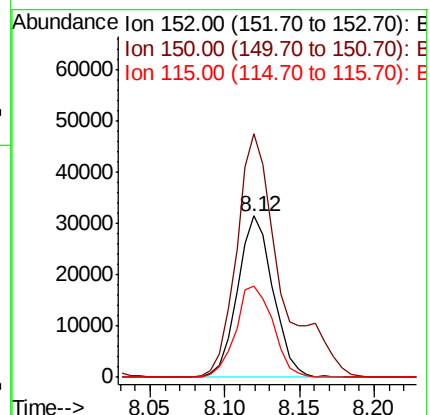
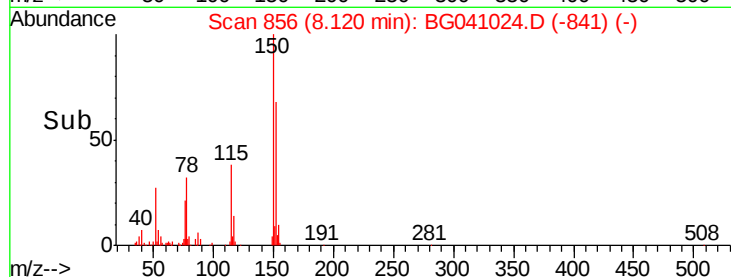
115 56.8 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.838 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

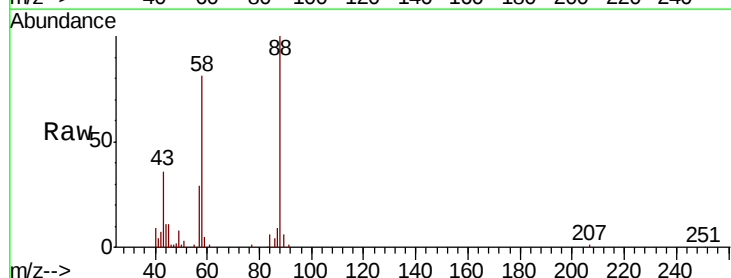
Tgt Ion: 88 Resp: 53352

Ion Ratio Lower Upper

88 100

58 74.7 59.0 88.6

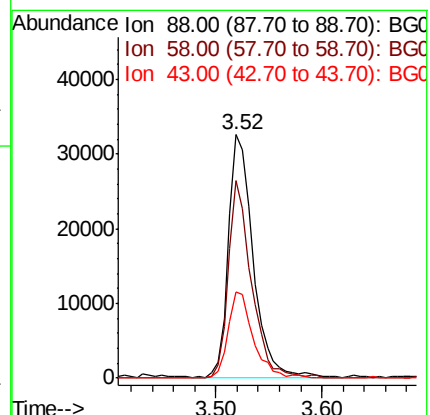
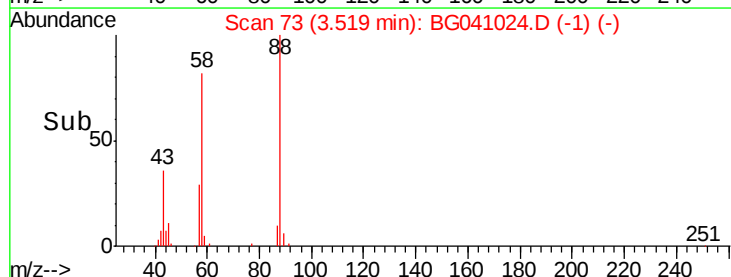
43 36.0 27.2 40.8

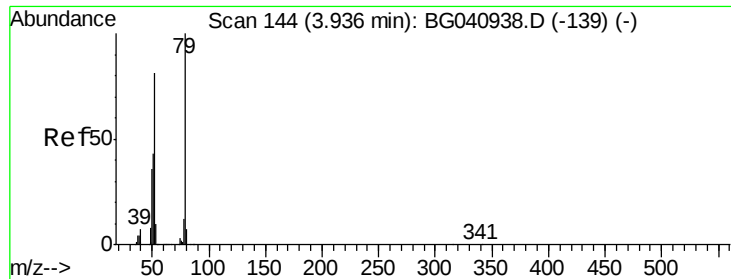


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.249 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

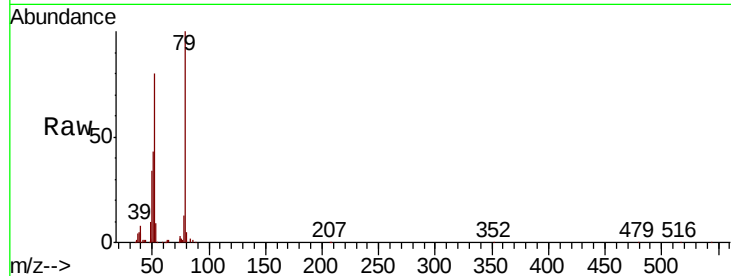
Tot Ion: 79 Resp: 159457

Ion Ratio Lower Upper

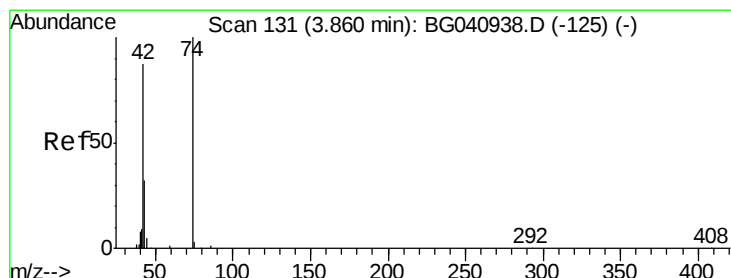
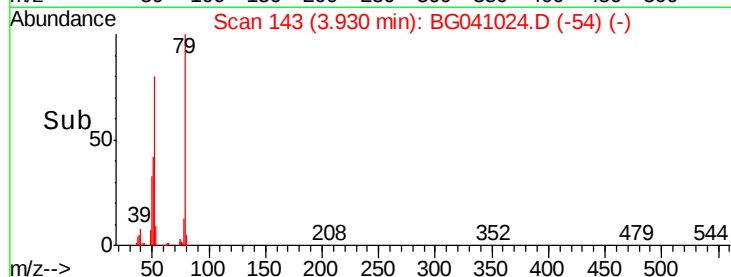
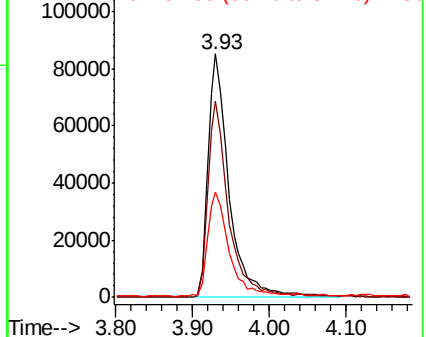
79 100

52 80.4 64.8 97.2

51 43.1 35.3 52.9



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: 41.175 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

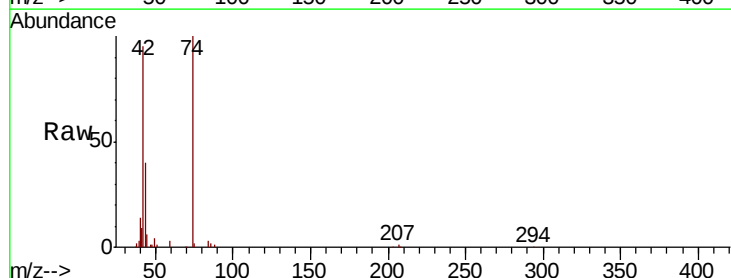
Tgt Ion: 42 Resp: 73873

Ion Ratio Lower Upper

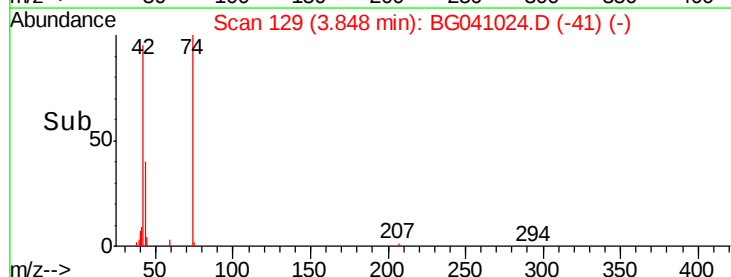
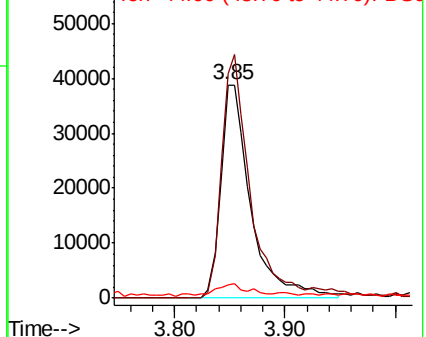
42 100

74 105.3 91.8 137.6

44 6.4 6.0 9.0



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: 80.173 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

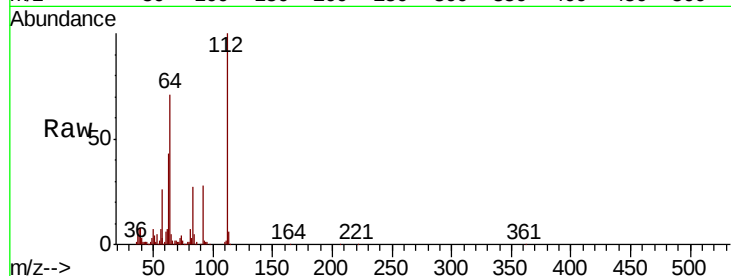
Tot Ion:112 Resp: 230820

Ion Ratio Lower Upper

112 100

64 71.4 56.2 84.2

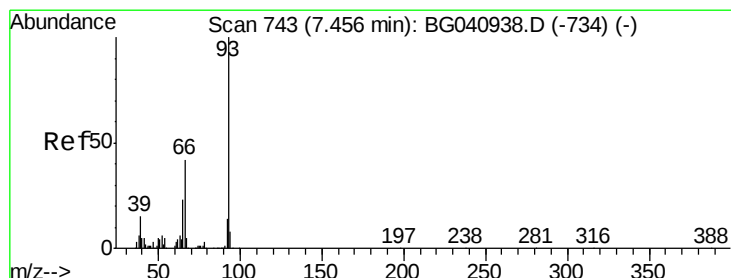
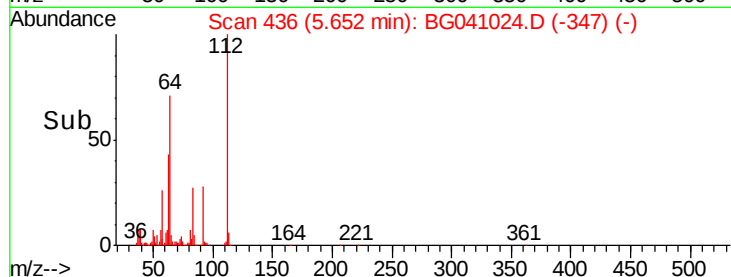
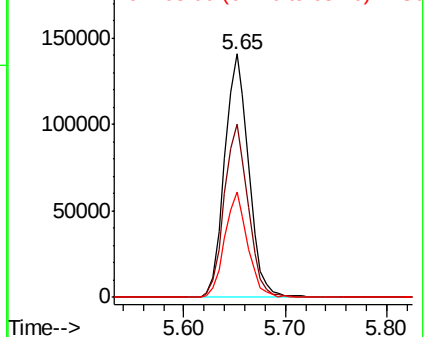
63 43.3 32.8 49.2



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: 38.892 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

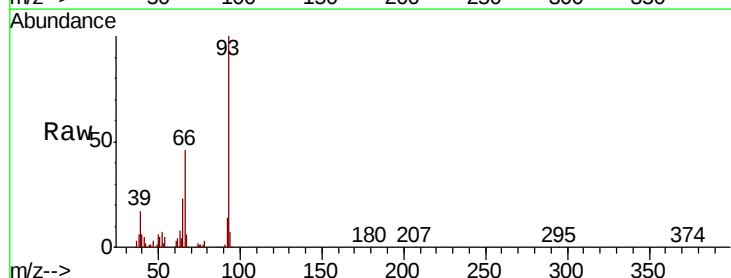
Tgt Ion: 93 Resp: 230823

Ion Ratio Lower Upper

93 100

66 46.3 33.8 50.8

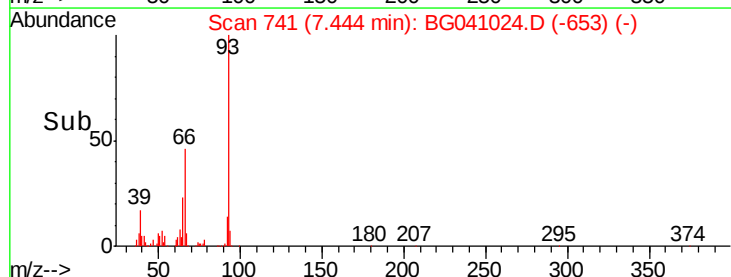
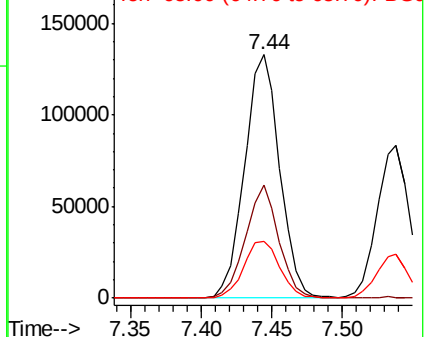
65 23.4 18.3 27.5

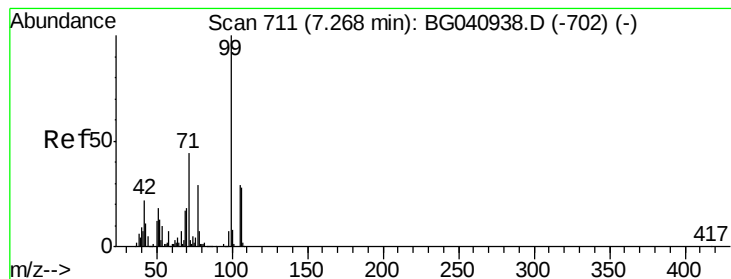


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.047 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampled :

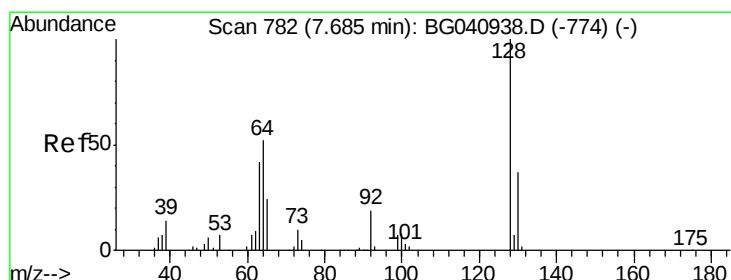
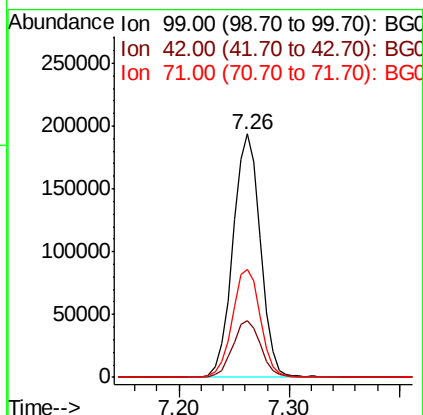
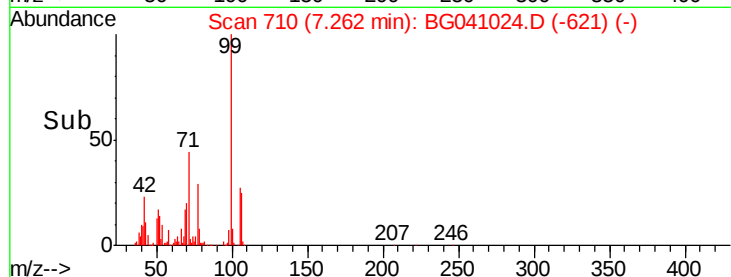
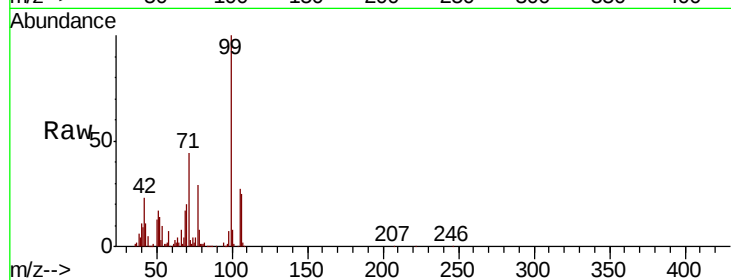
Tot Ion: 99 Resp: 338133

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

71 44.3 35.4 53.0



#8

2-Chlorophenol

Concen: 38.122 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

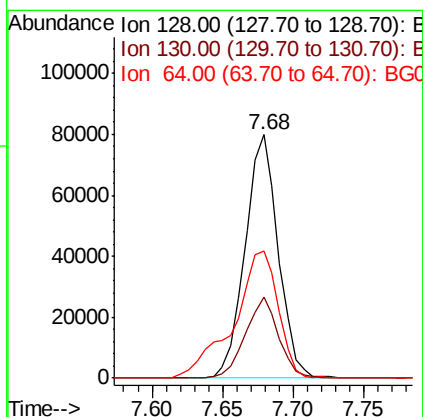
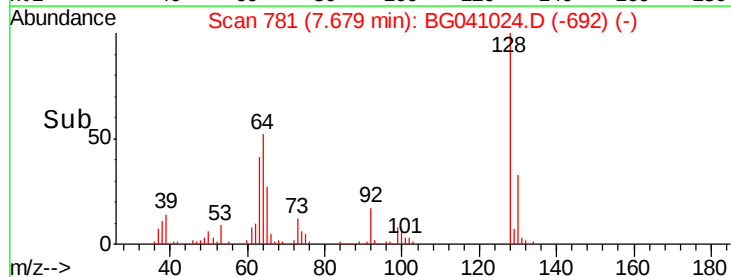
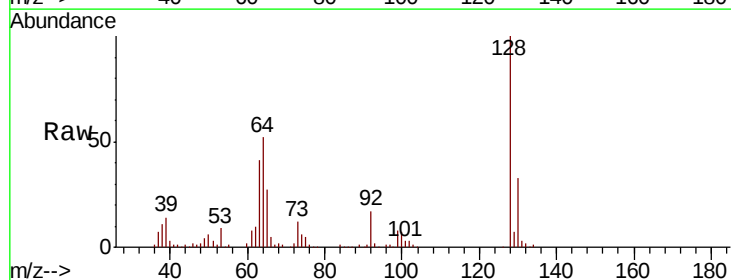
Tgt Ion: 128 Resp: 130848

Ion Ratio Lower Upper

128 100

130 33.0 16.6 56.6

64 52.4 37.8 77.8





#9

Benzaldehyde

Concen: 39.217 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampled :

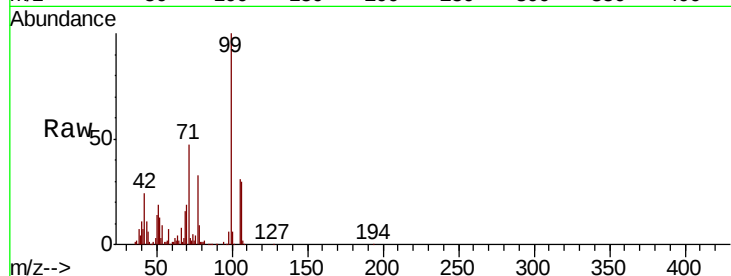
Tot Ion: 77 Resp: 104019

Ion Ratio Lower Upper

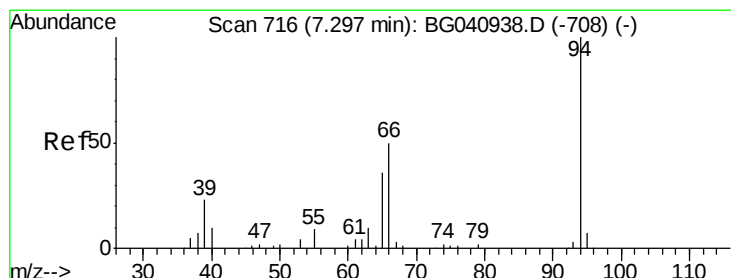
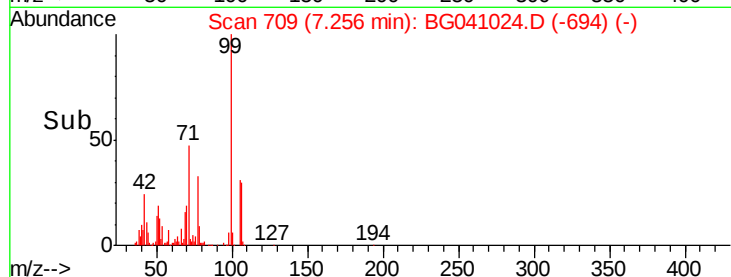
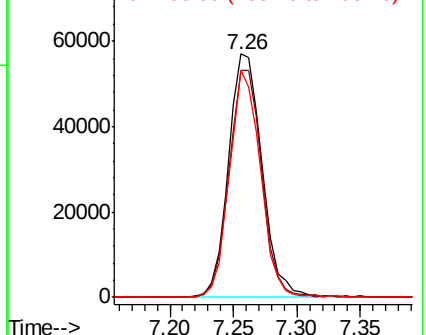
77 100

105 93.3 78.9 118.9

106 93.0 76.7 116.7



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: 37.543 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

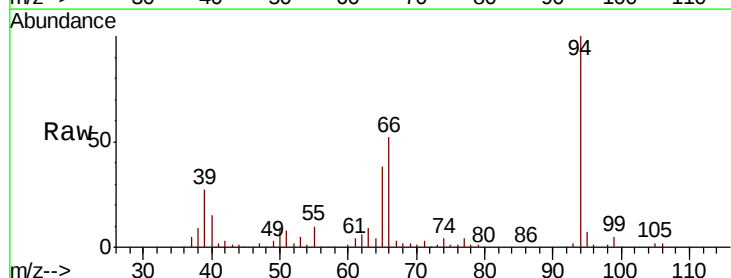
Tgt Ion: 94 Resp: 178983

Ion Ratio Lower Upper

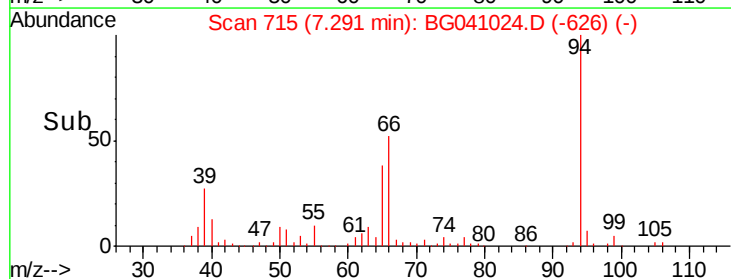
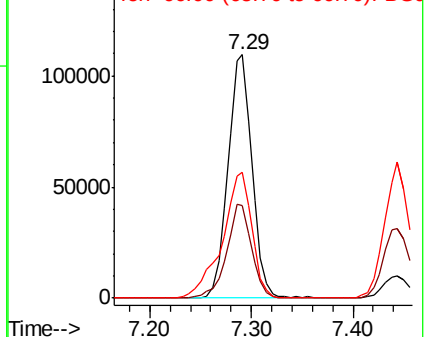
94 100

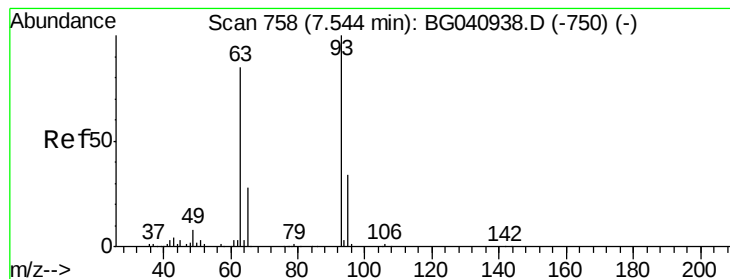
65 37.9 17.0 57.0

66 51.7 32.4 72.4



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: 39.233 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

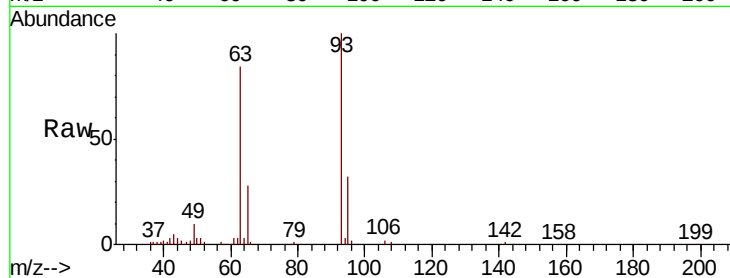
Tot Ion: 93 Resp: 135686

Ion Ratio Lower Upper

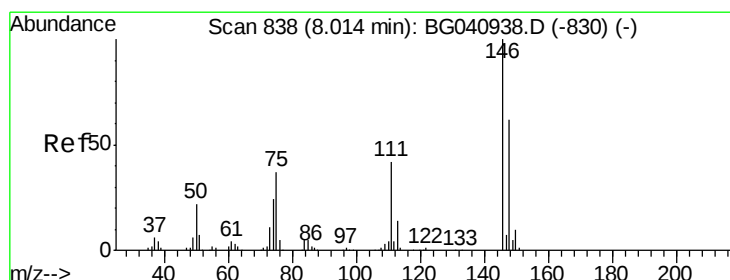
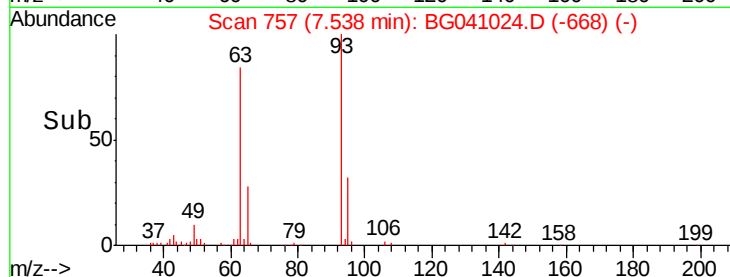
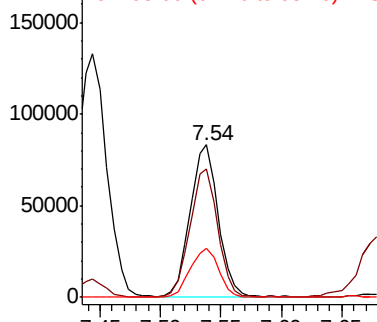
93 100

63 84.1 64.5 104.5

95 32.4 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.101 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

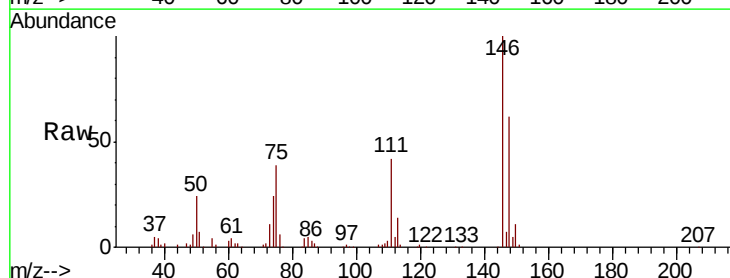
Tgt Ion: 146 Resp: 164392

Ion Ratio Lower Upper

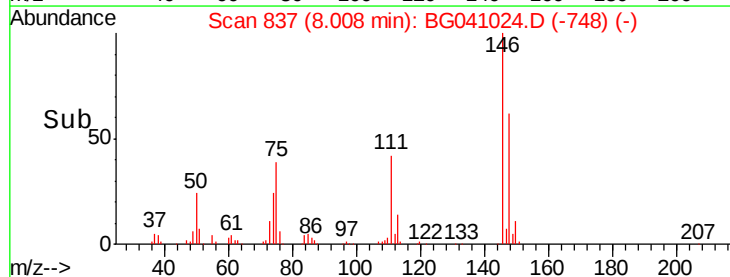
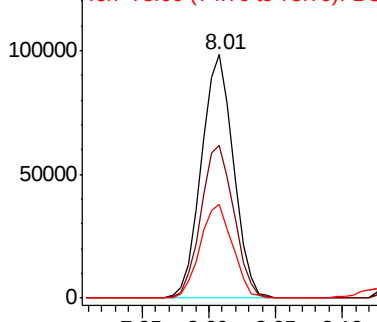
146 100

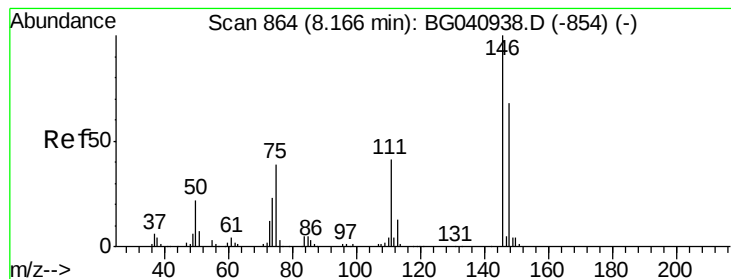
148 62.5 49.2 73.8

75 38.6 29.4 44.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.557 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampled :

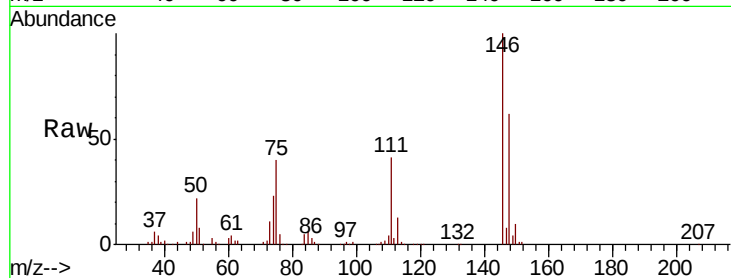
Tot Ion:146 Resp: 168295

Ion Ratio Lower Upper

146 100

148 61.8 54.2 81.4

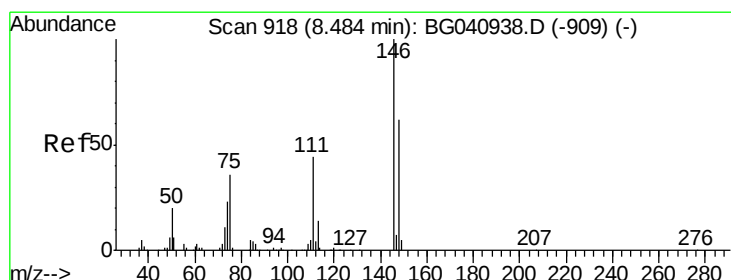
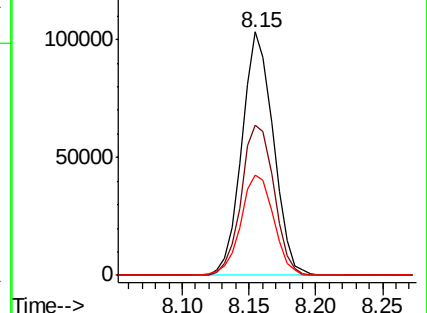
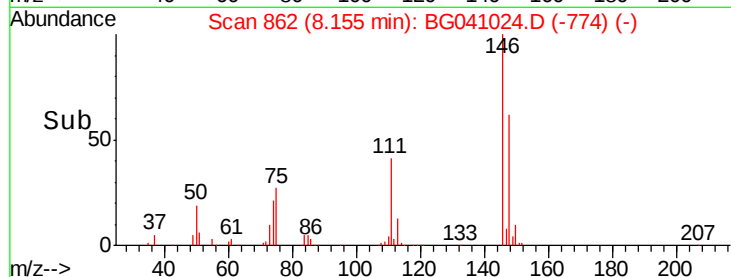
111 41.1 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.959 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

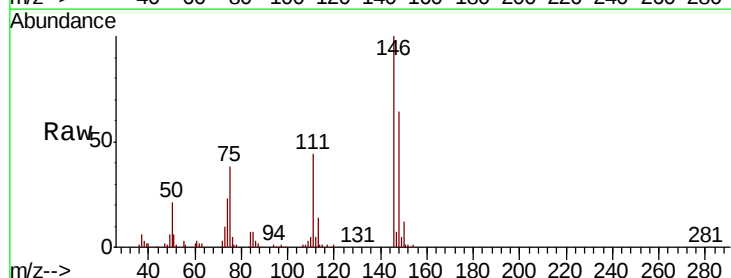
Tgt Ion:146 Resp: 160994

Ion Ratio Lower Upper

146 100

148 63.7 49.8 74.6

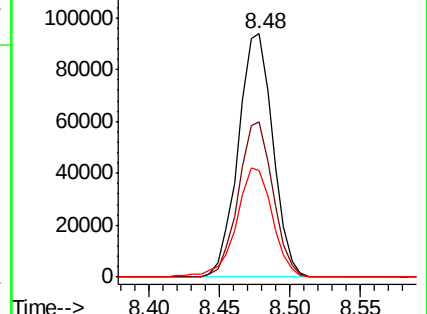
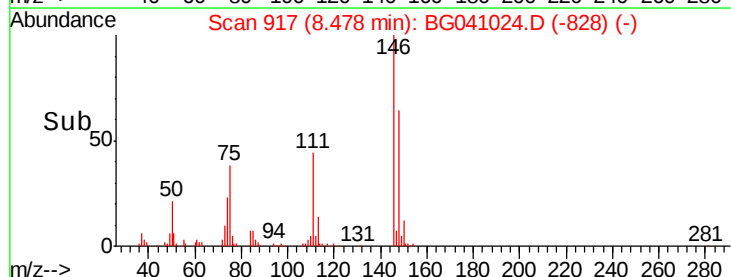
111 43.7 35.0 52.4

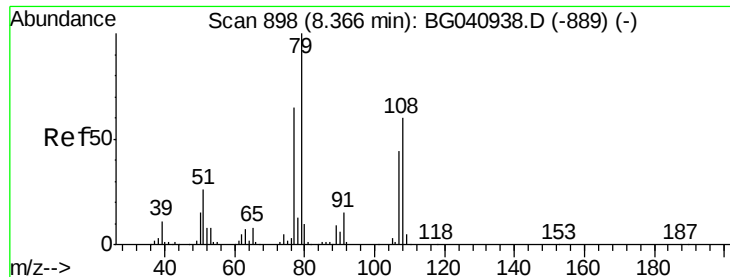


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.525 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampled :

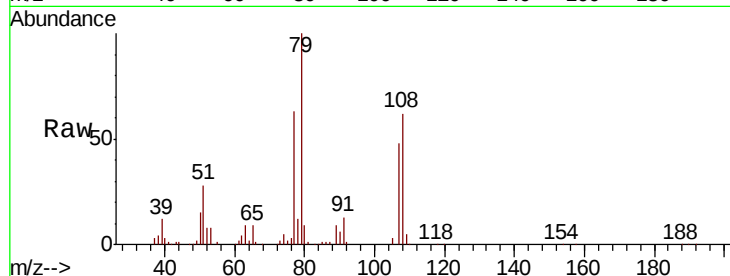
Tot Ion: 79 Resp: 158454

Ion Ratio Lower Upper

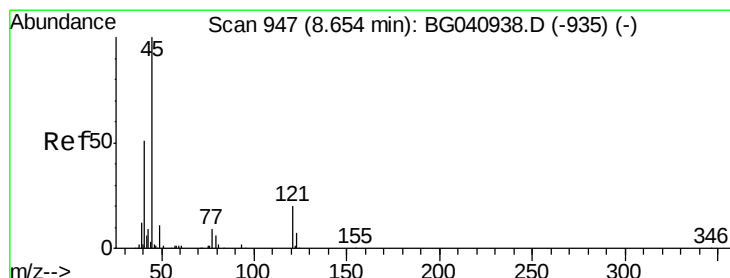
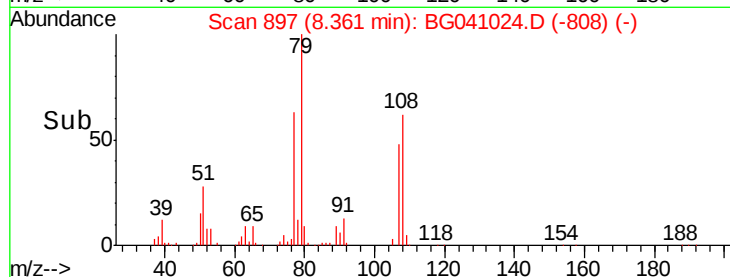
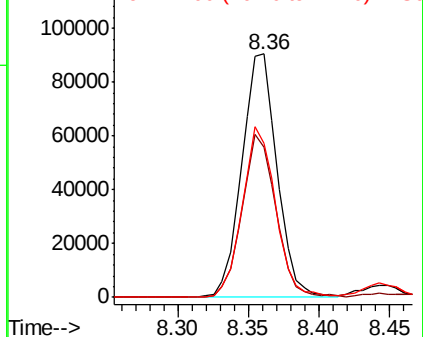
79 100

108 61.7 48.3 72.5

77 63.3 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.236 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

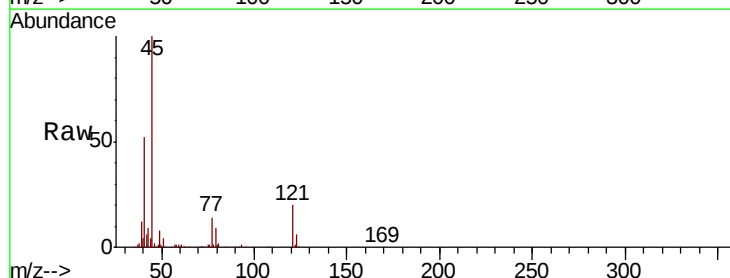
Tgt Ion: 45 Resp: 221738

Ion Ratio Lower Upper

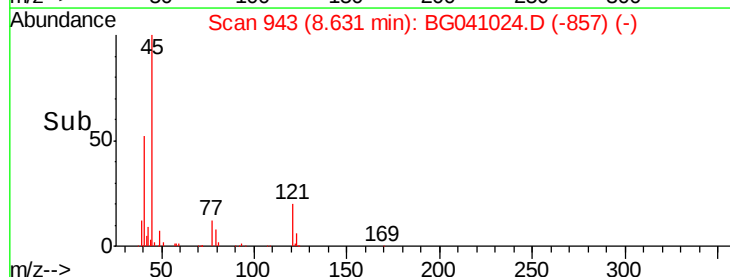
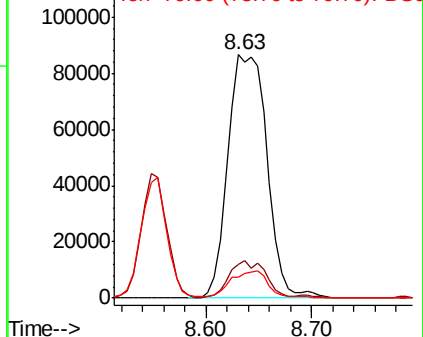
45 100

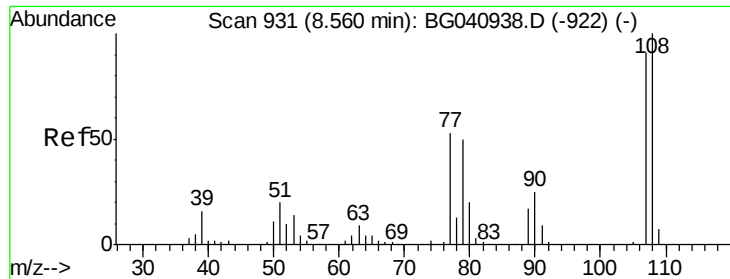
77 14.1 0.0 33.7

79 8.8 0.0 30.2



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

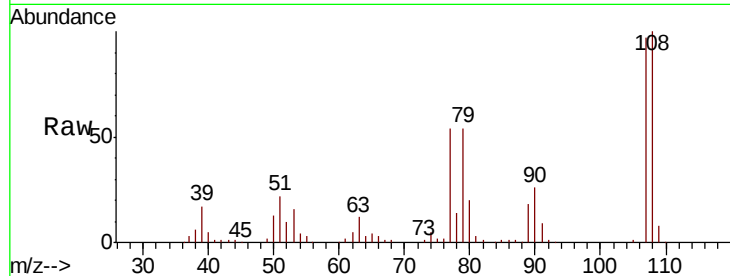




#17
2-Methylphenol
Concen: 37.401 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	129101
Ion	Ratio	Lower	Upper
107	100		
108	102.8	87.7	131.5
77	55.4	46.6	70.0
79	55.1	44.6	66.8



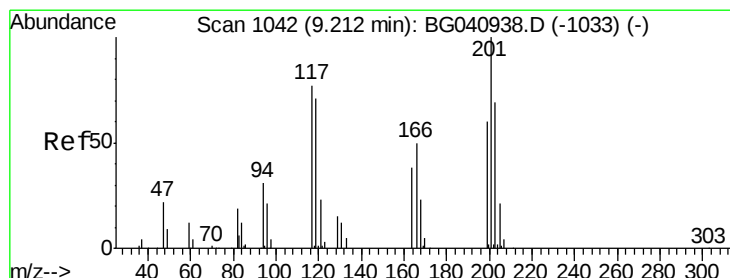
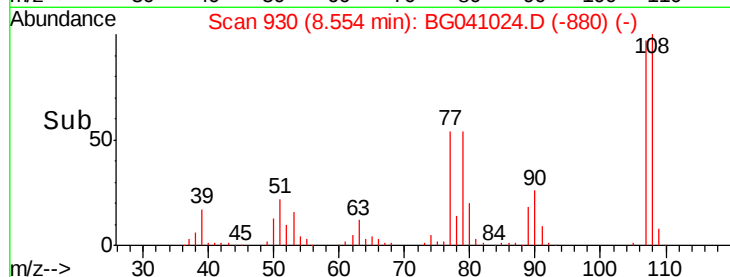
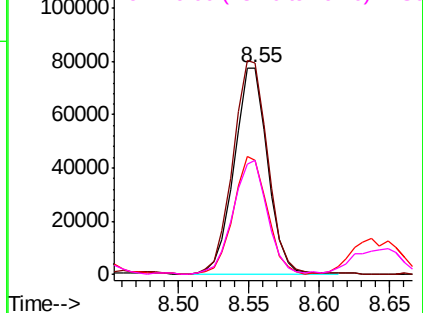
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

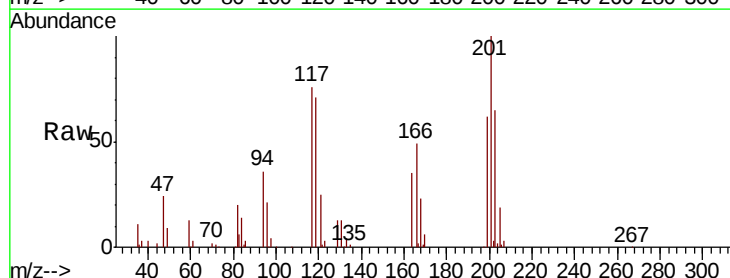
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.480 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion:	117	Resp:	66339
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.0	112.6
201	130.8	103.5	155.3

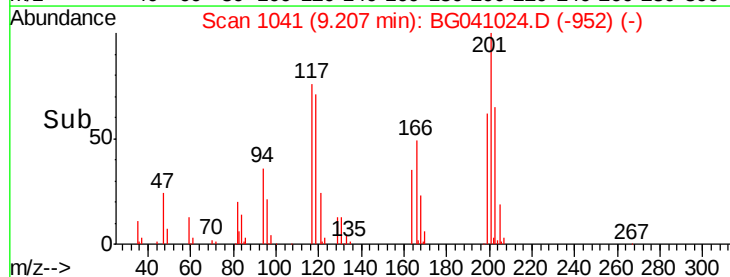
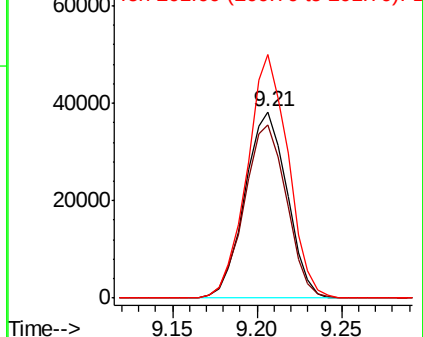


Abundance

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

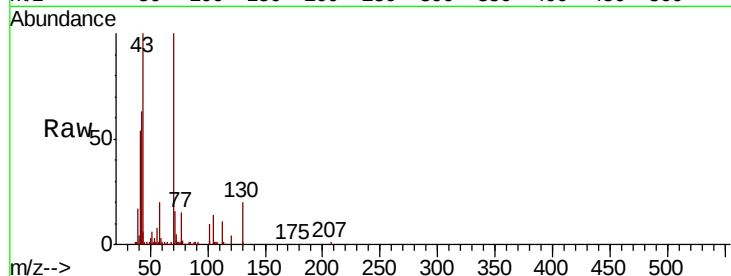




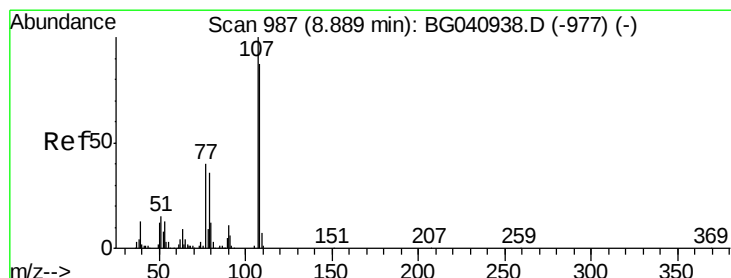
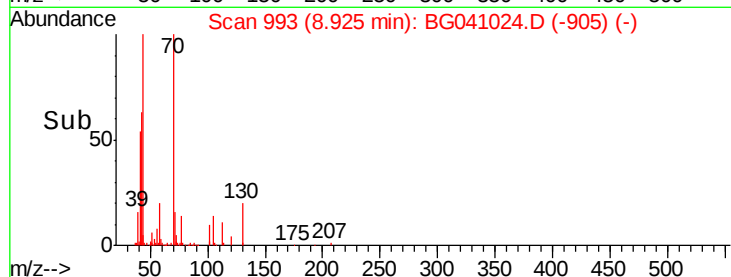
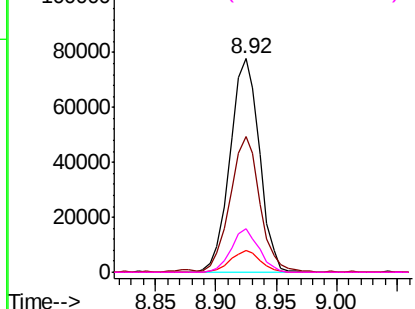
#19
n-Nitroso-di-n-propylamine
Concen: 38.410 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 131429
Ion Ratio Lower Upper
70 100
42 63.3 51.5 77.3
101 10.4 8.1 12.1
130 20.5 16.6 24.8

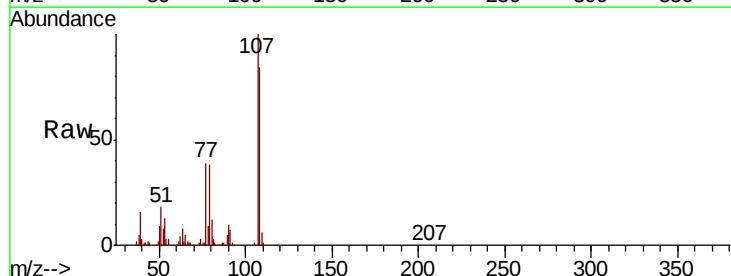


Abundance Ion 70.00 (69.70 to 70.70): BGC
120000 Ion 42.00 (41.70 to 42.70): BGC
100000 Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

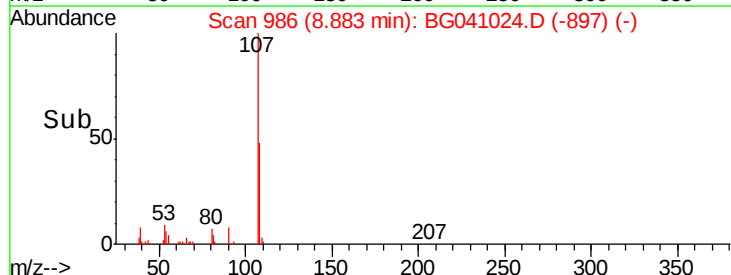
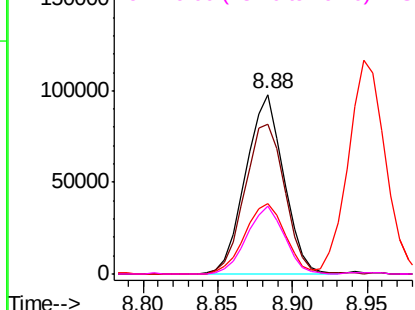


#20
3+4-Methylphenols
Concen: 36.080 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion: 107 Resp: 172516
Ion Ratio Lower Upper
107 100
108 83.7 66.8 106.8
77 39.4 20.5 60.5
79 37.9 15.8 55.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
150000 Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

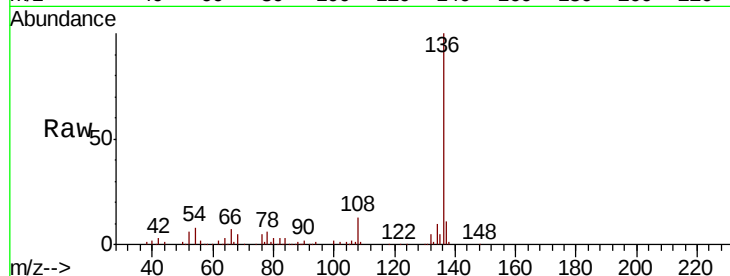




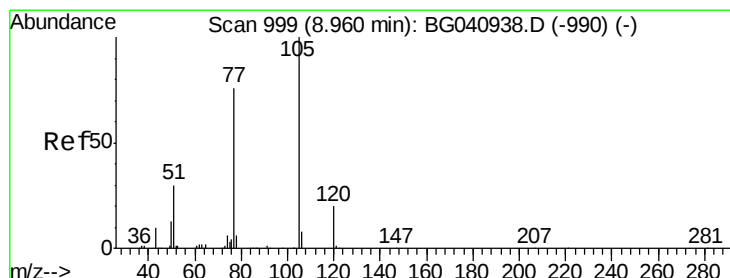
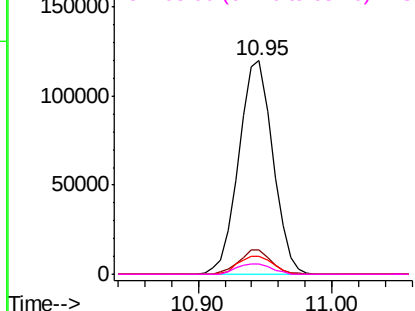
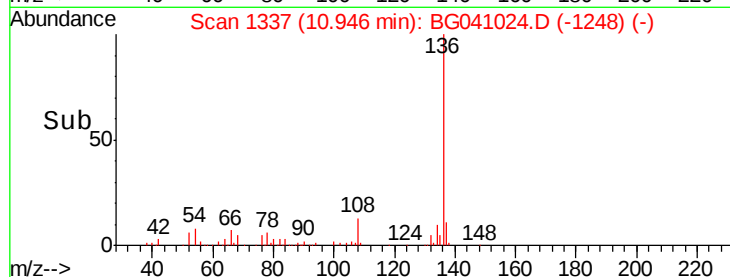
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	211864
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.5 14.3
54	8.4	7.6 11.4
68	4.5	3.9 5.9

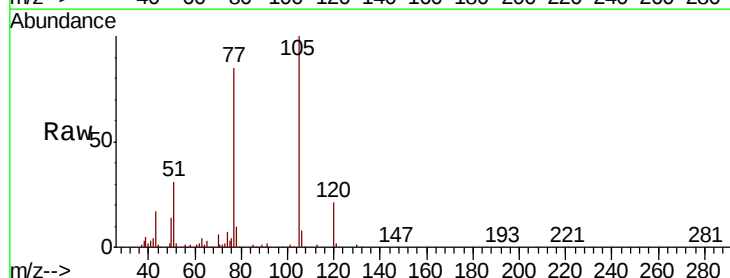


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

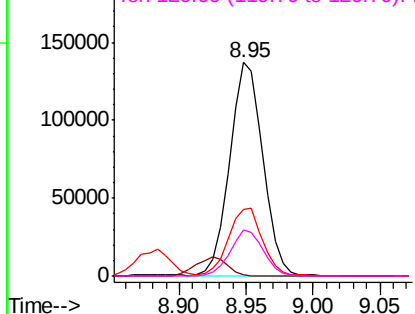
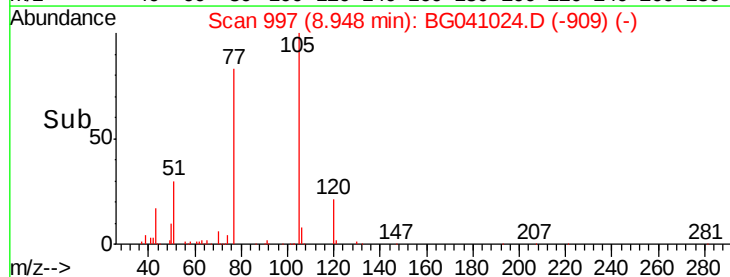


#22
Acetophenone
Concen: 40.104 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion:105	Resp:	238344
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.4 0.6#
51	31.3	27.0 40.6
120	21.4	16.2 24.4



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

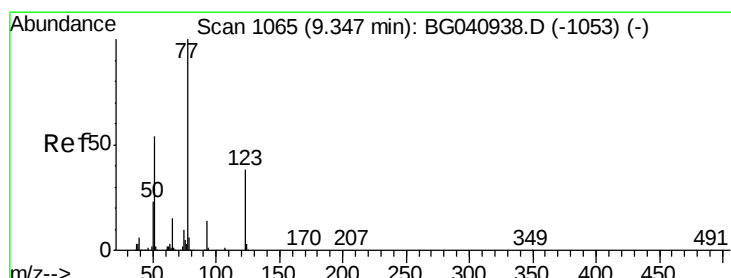
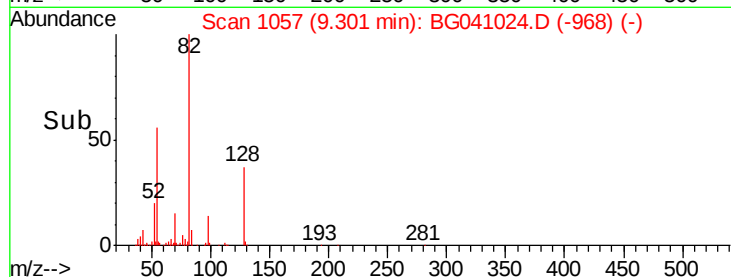
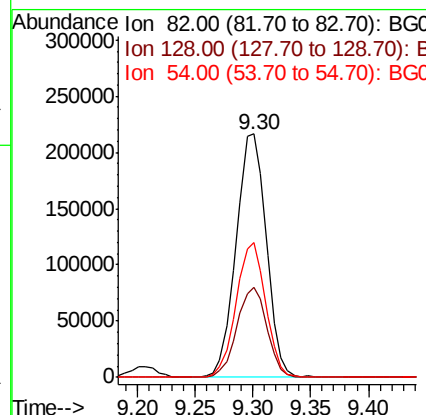
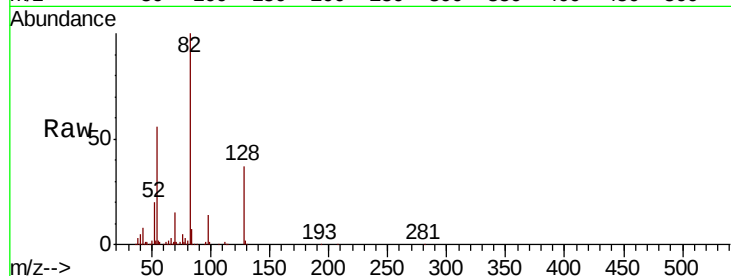




#23
 Nitrobenzene-d5
 Concen: 82.325 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

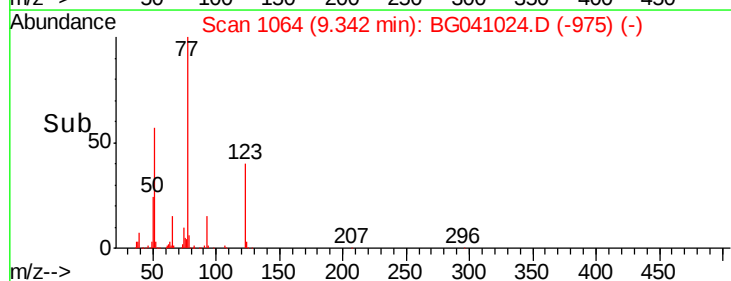
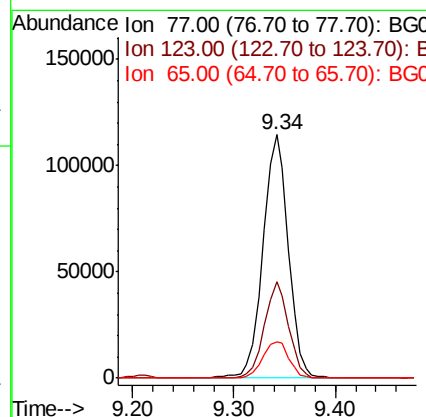
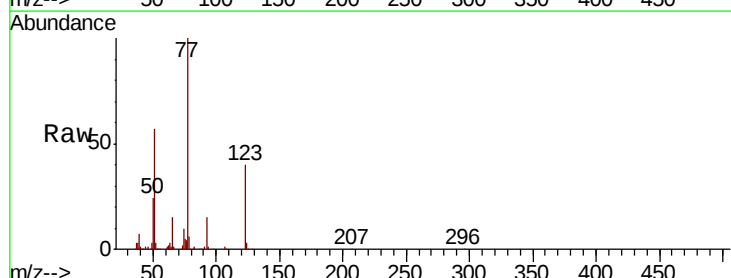
Instrument :
 BNA_G
 ClientSampled :

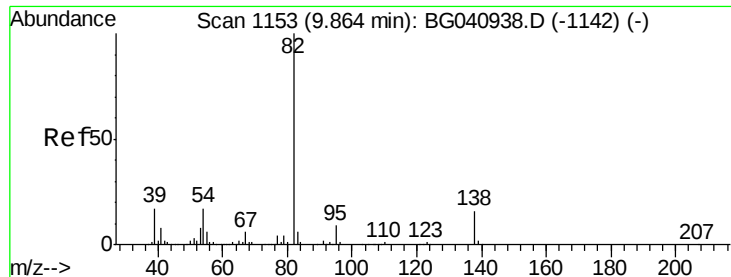
Tot Ion	82	Resp	392889
Ion Ratio	Lower	Upper	
82	100		
128	37.2	30.5	45.7
54	55.6	44.6	66.8



#24
 Nitrobenzene
 Concen: 40.697 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Tgt Ion	77	Resp	197928
Ion Ratio	Lower	Upper	
77	100		
123	39.7	30.6	46.0
65	14.8	12.3	18.5





#25

Isophorone

Concen: 39.073 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampled :

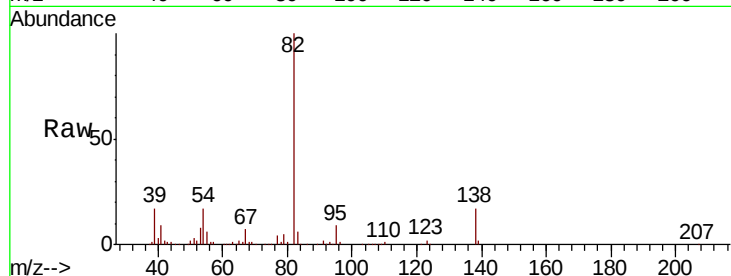
Tot Ion: 82 Resp: 354871

Ion Ratio Lower Upper

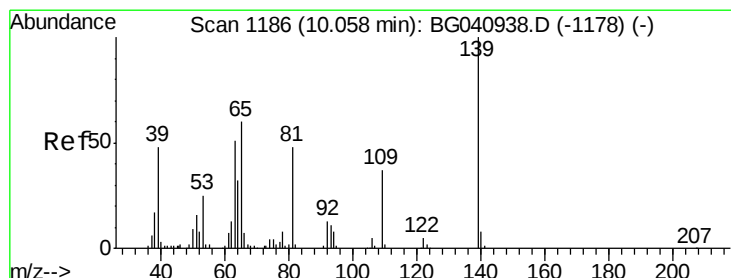
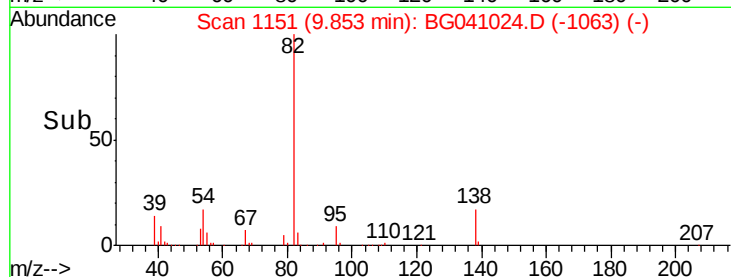
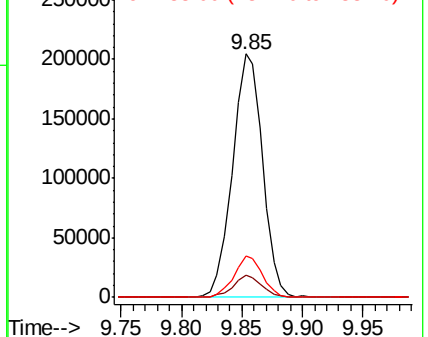
82 100

95 9.3 7.0 10.4

138 17.0 12.6 19.0



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: 40.473 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

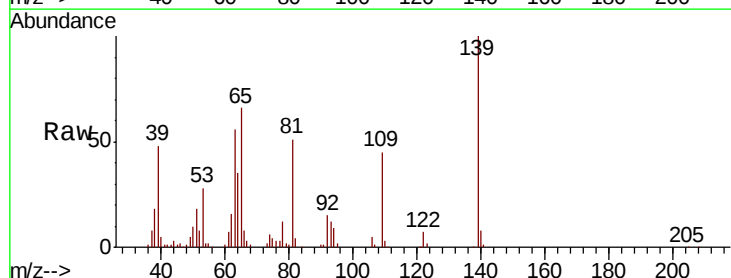
Tgt Ion: 139 Resp: 81147

Ion Ratio Lower Upper

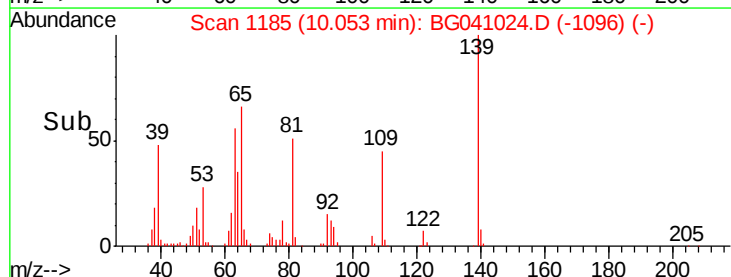
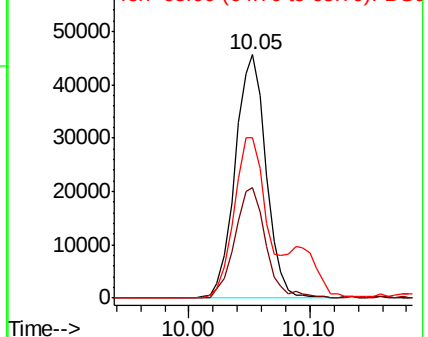
139 100

109 45.4 29.8 44.6#

65 65.9 47.8 71.6



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

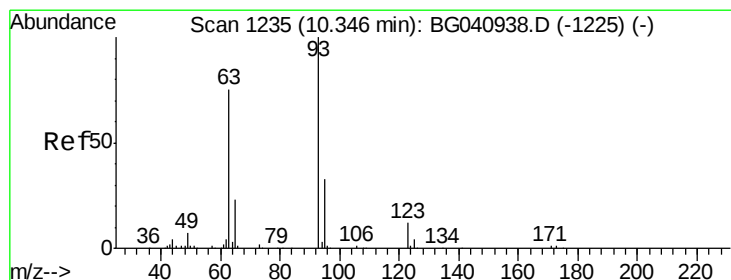
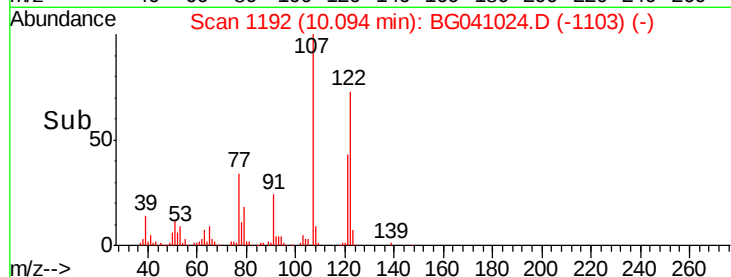
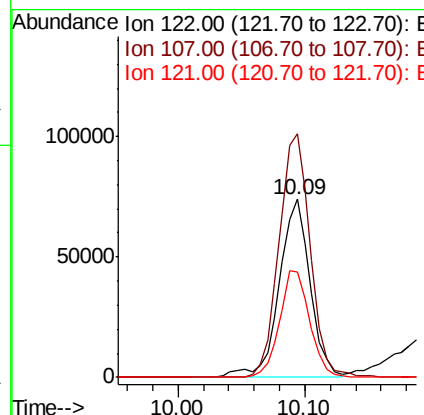
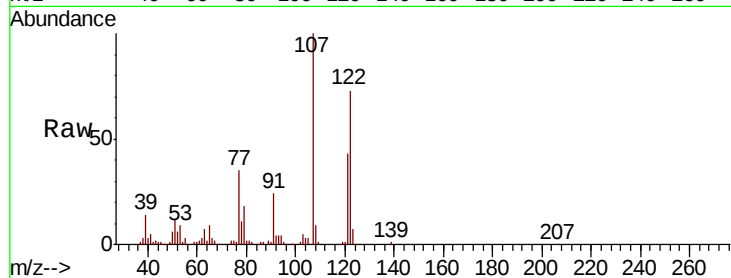




#27
 2,4-Dimethylphenol
 Concen: 37.734 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

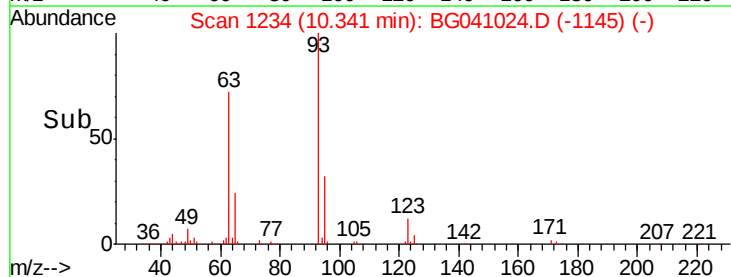
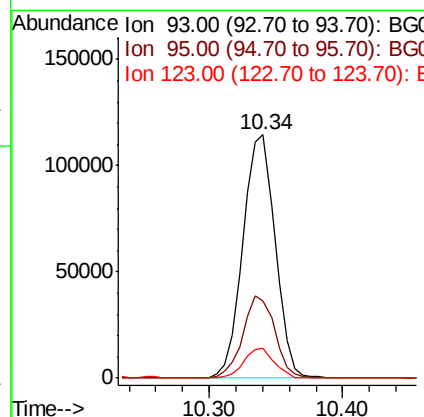
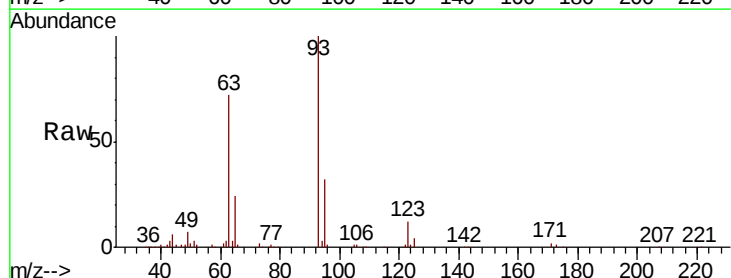
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.6	105.9	158.9
121	58.9	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.002 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.2	39.2
123	12.4	9.5	14.3

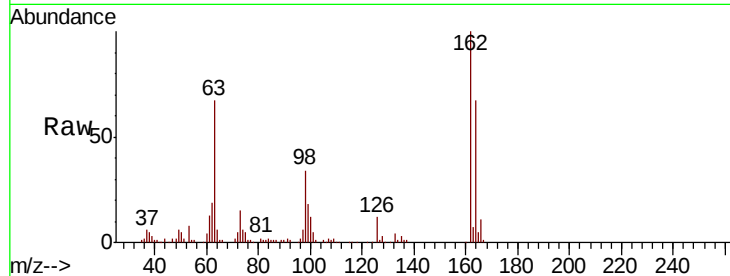




#29
 2,4-Dichlorophenol
 Concen: 36.887 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	39.4	79.4
98	34.3	15.3	55.3

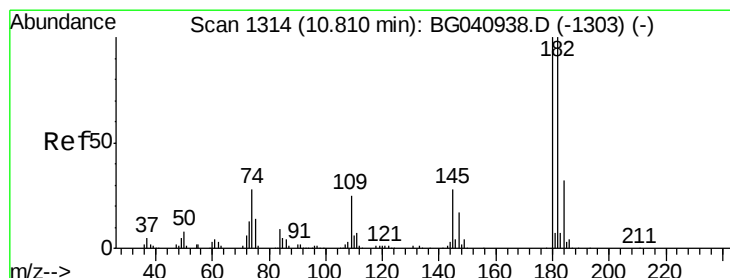
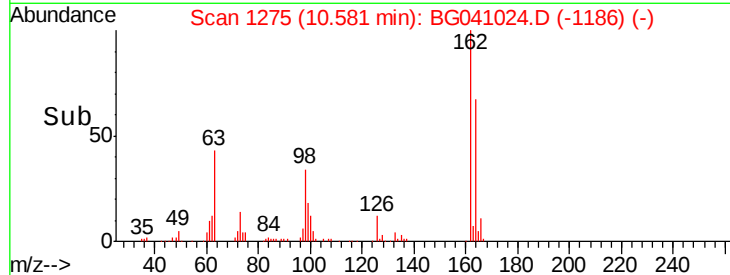
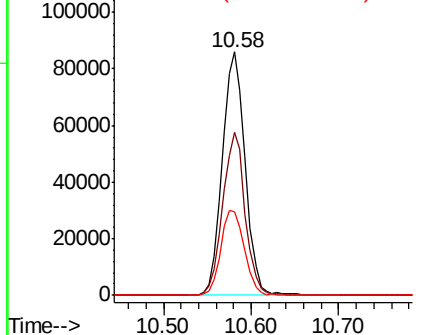


Abundance

Ion 162.00 (161.70 to 162.70): E

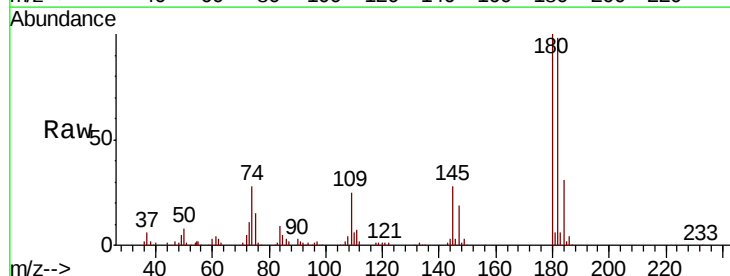
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 40.654 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	79.7	119.5
145	27.6	22.6	34.0

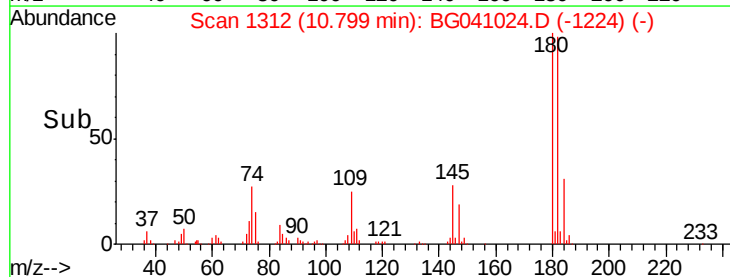
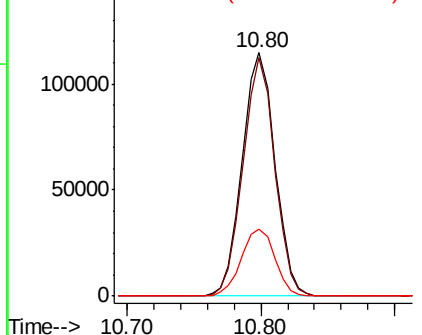


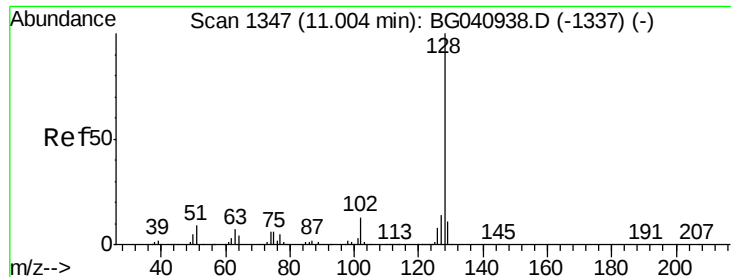
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

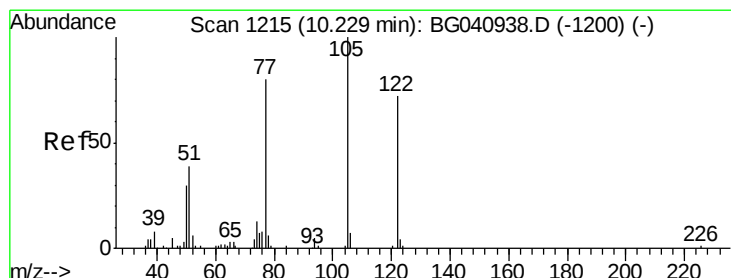
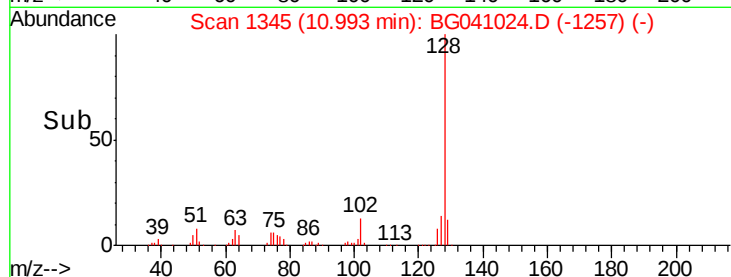
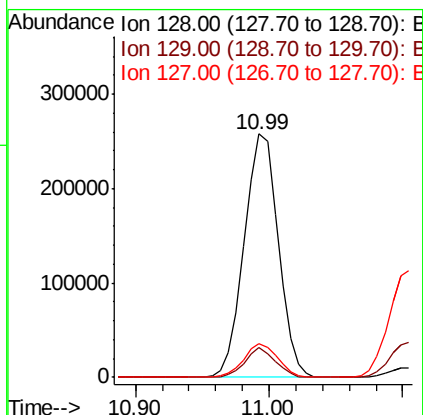
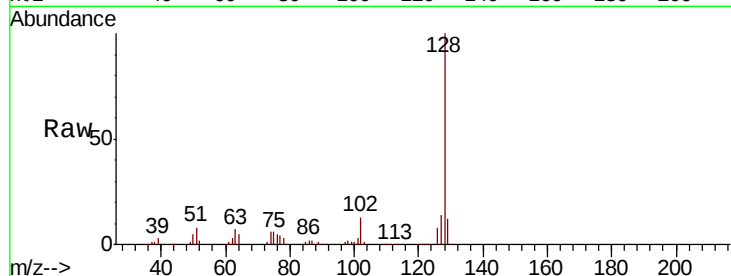




#31
Naphthalene
Concen: 39.969 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

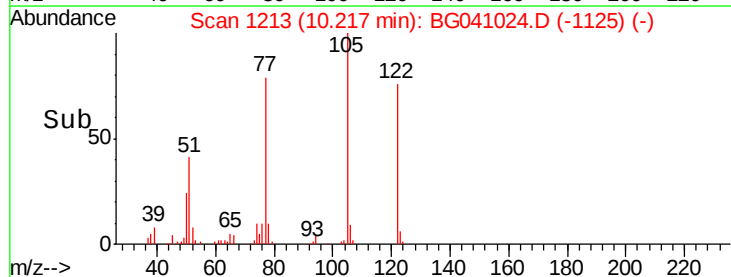
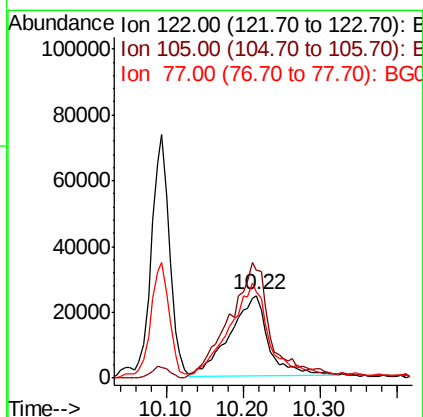
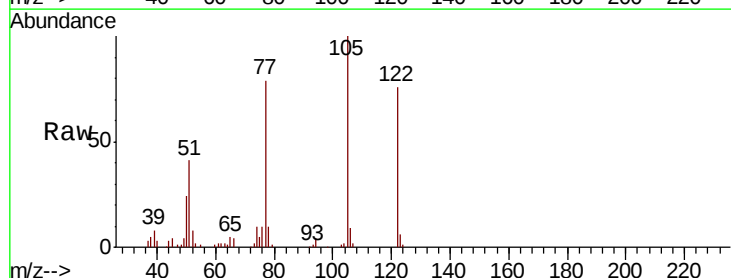
Instrument :
BNA_G
ClientSampleId :

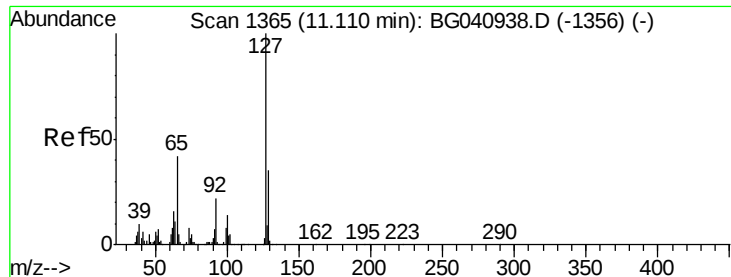
Tot Ion:128 Resp: 454654
Ion Ratio Lower Upper
128 100
129 12.4 8.5 12.7
127 13.7 11.4 17.2



#32
Benzoic acid
Concen: 35.681 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion:122 Resp: 85403
Ion Ratio Lower Upper
122 100
105 131.7 114.8 154.8
77 103.9 89.9 129.9

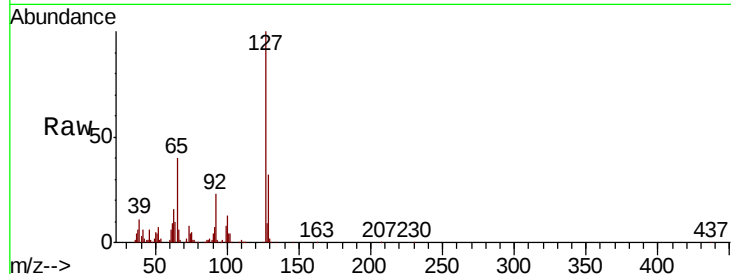




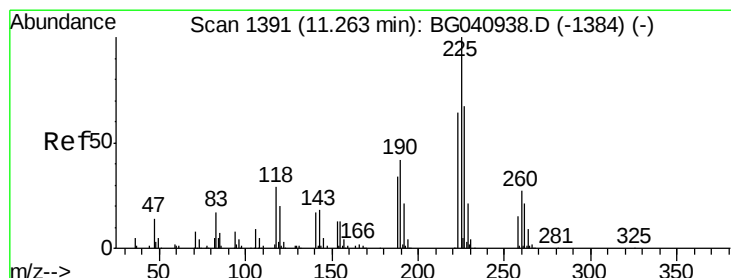
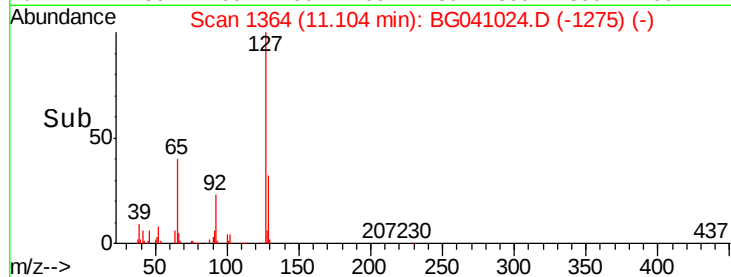
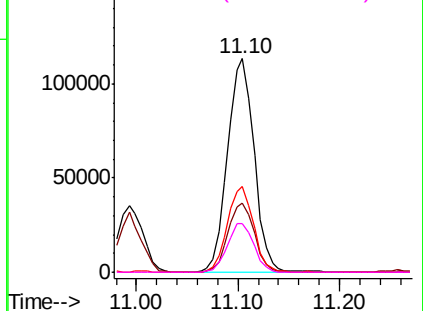
#33
4-Chloroaniline
Concen: 39.274 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	207285
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.7	41.5
65	40.1	33.2	49.8
92	23.1	17.2	25.8

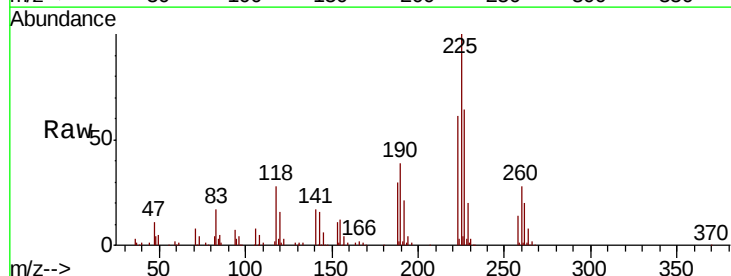


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

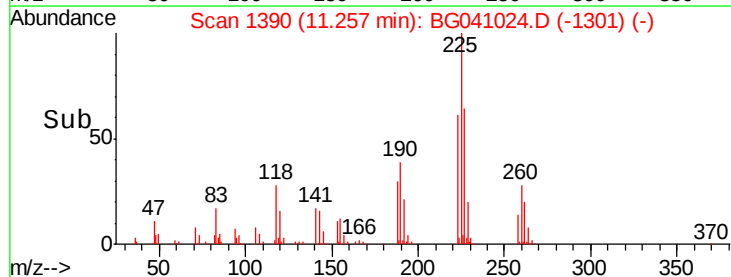
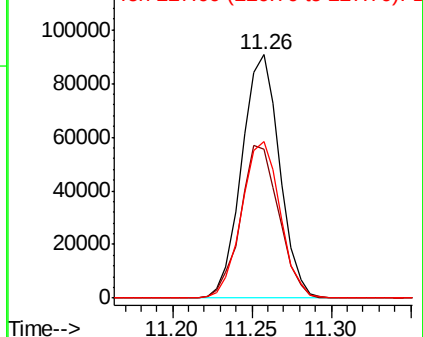


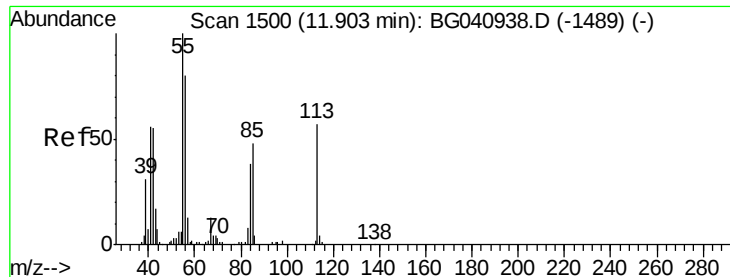
#34
Hexachlorobutadiene
Concen: 41.175 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion:	225	Resp:	150707
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	64.1	51.4	77.0



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

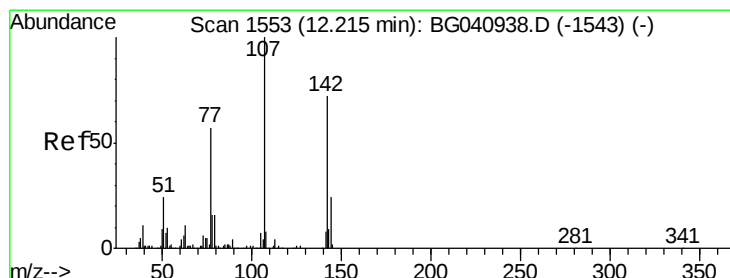
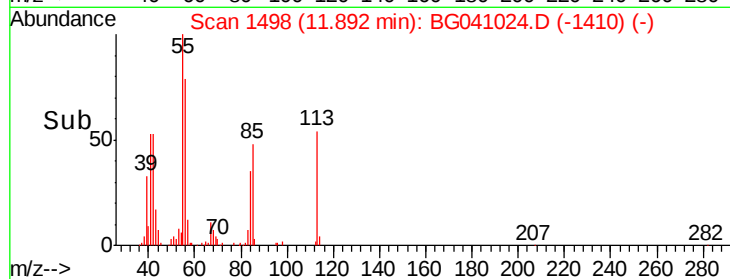
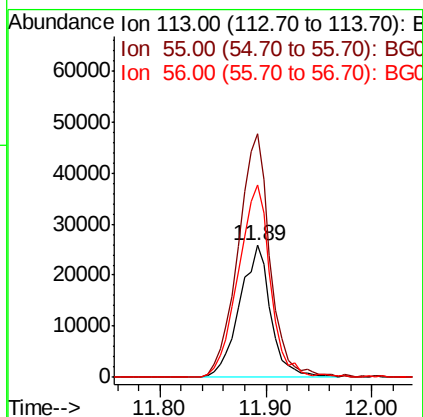
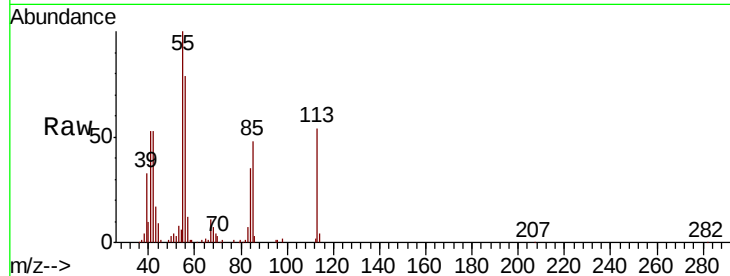




#35
 Caprolactam
 Concen: 38.016 ng
 RT: 11.89 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

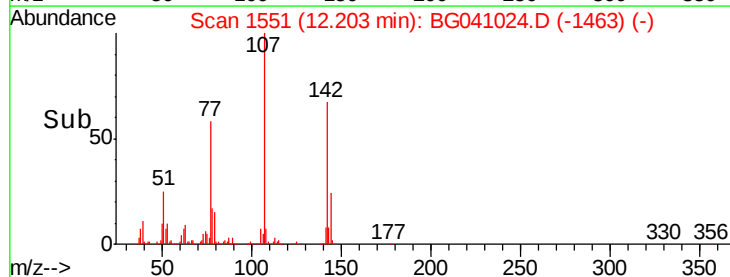
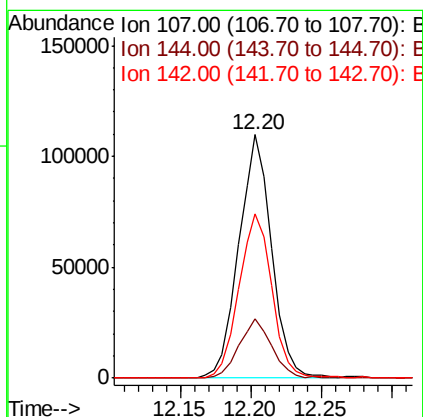
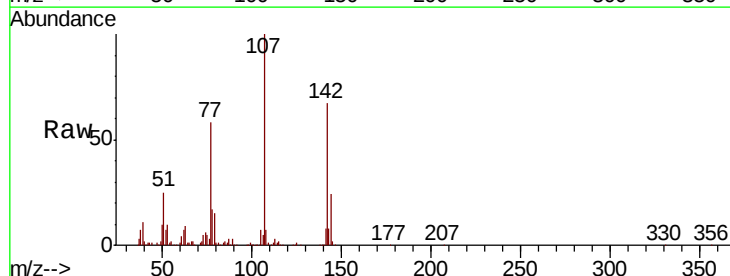
Instrument :
 BNA_G
 ClientSampled :

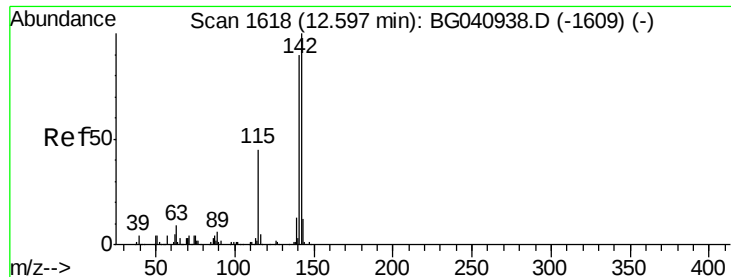
Tot Ion:113 Resp: 52789
 Ion Ratio Lower Upper
 113 100
 55 184.3 155.9 195.9
 56 145.5 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.994 ng
 RT: 12.20 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Tgt Ion:107 Resp: 177659
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.4 29.0
 142 67.4 57.3 85.9

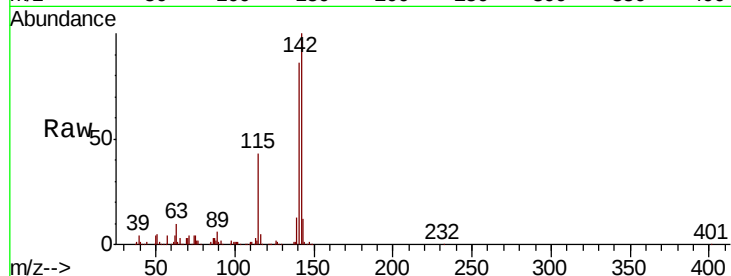




#37
2-Methylnaphthalene
Concen: 38.373 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	72.2	108.4
115	43.3	36.2	54.4

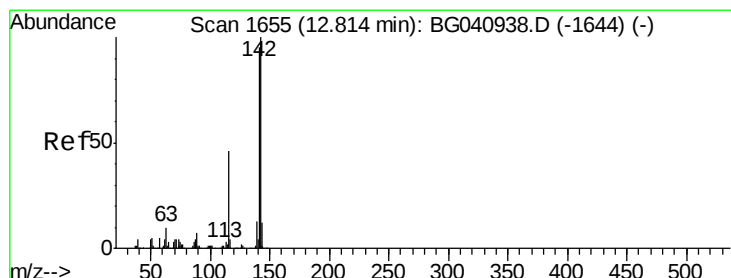
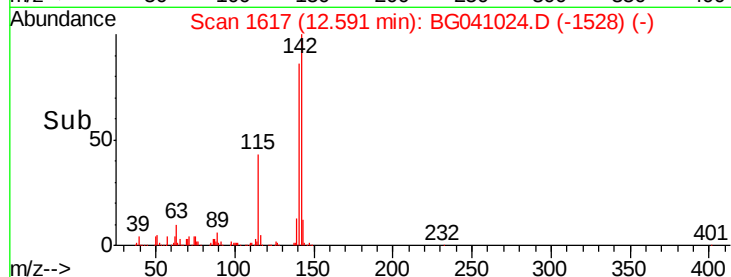
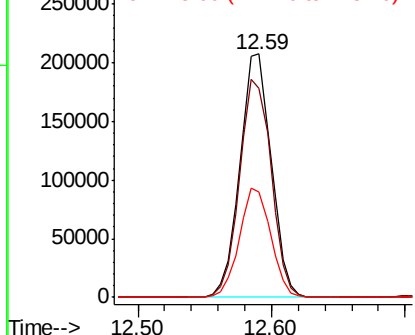


Abundance

Ion 142.00 (141.70 to 142.70): E

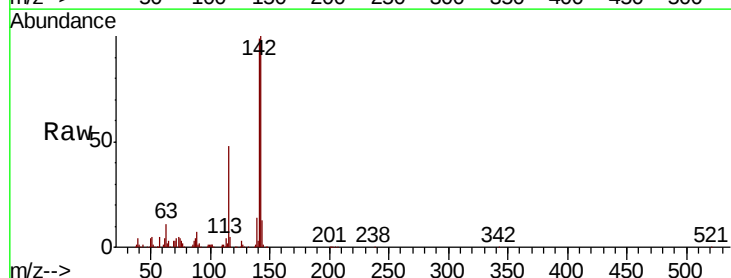
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.481 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.1	75.7	113.5
116	4.7	3.4	5.2

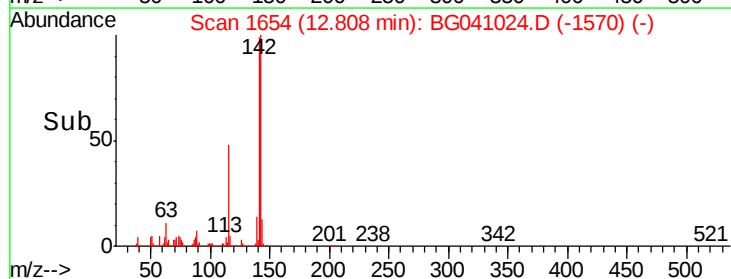
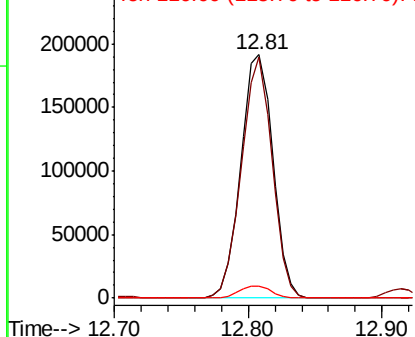


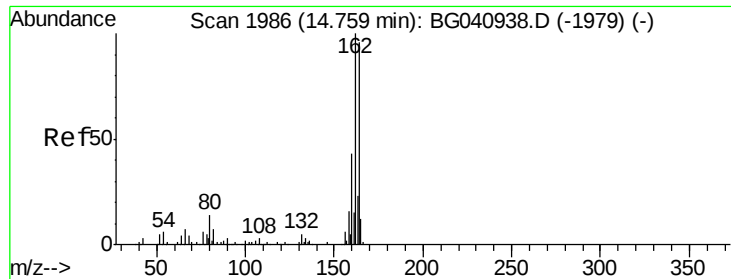
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampled :

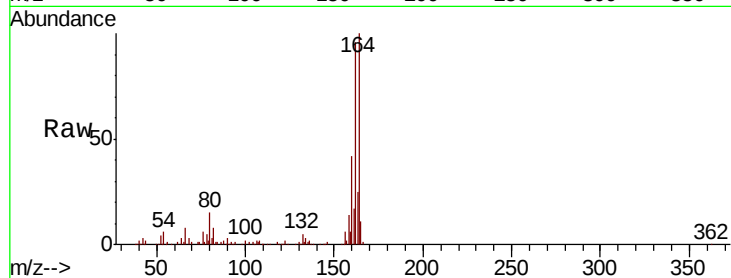
Tot Ion:164 Resp: 150564

Ion Ratio Lower Upper

164 100

162 95.8 83.0 124.4

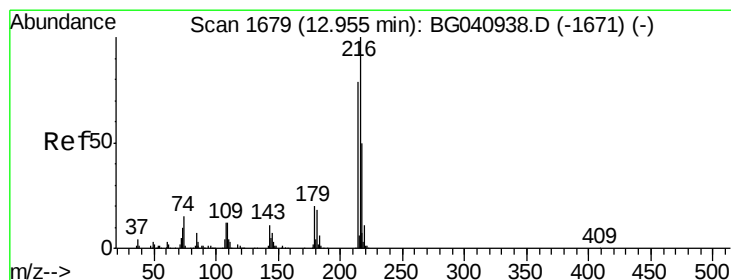
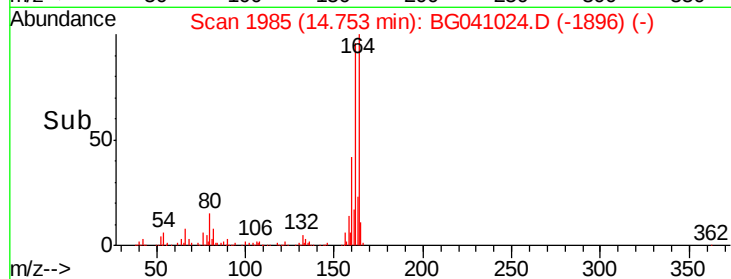
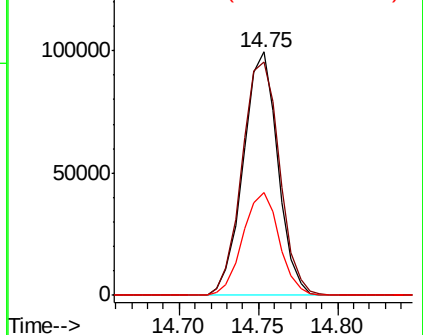
160 42.0 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.487 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Tgt Ion:216 Resp: 251765

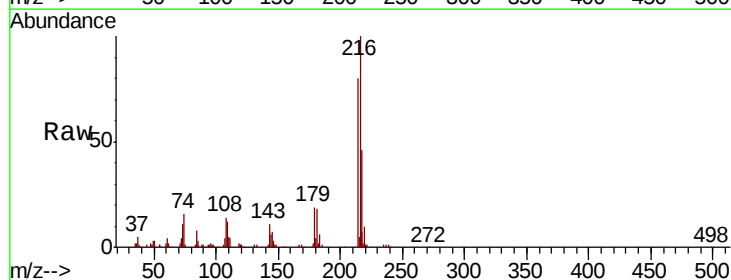
Ion Ratio Lower Upper

216 100

214 77.8 63.4 95.2

179 19.3 15.2 22.8

108 14.8 11.4 17.2

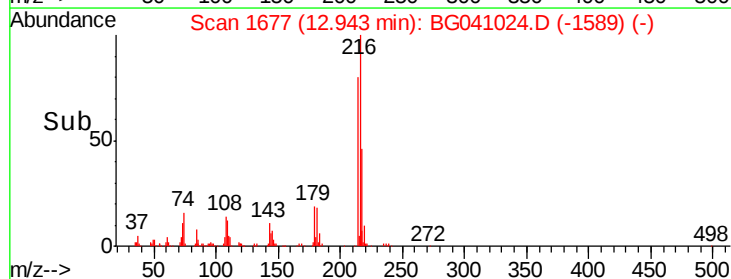
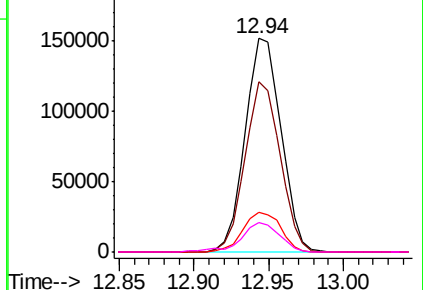


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

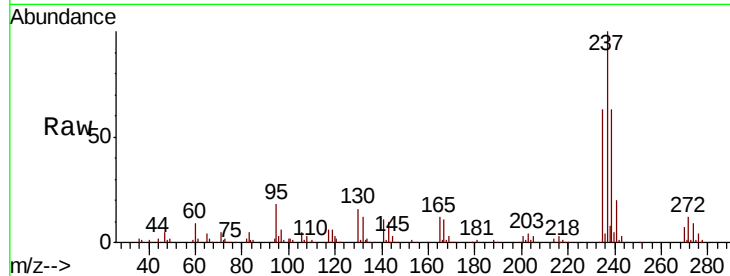




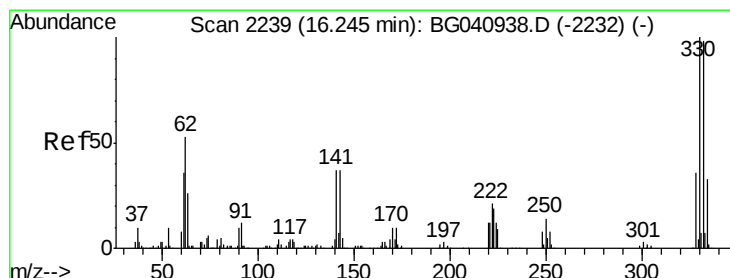
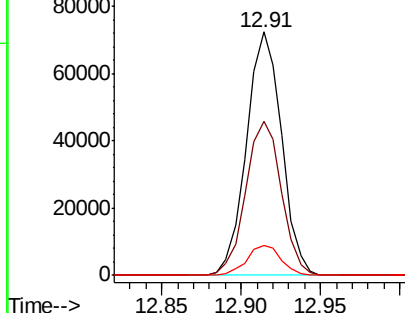
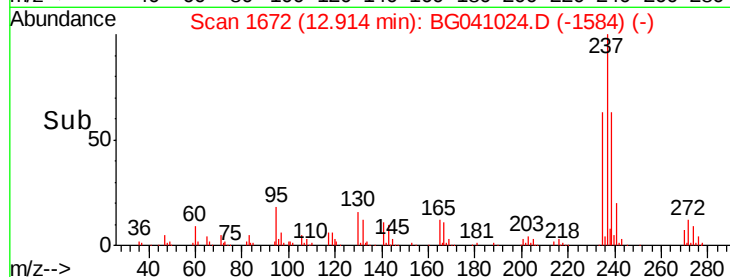
#41
Hexachlorocyclopentadiene
Concen: 38.836 ng
RT: 12.91 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 111280
Ion Ratio Lower Upper
237 100
235 63.4 45.5 85.5
272 12.2 0.0 32.9

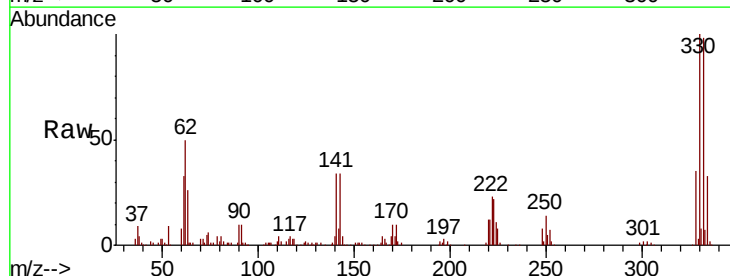


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

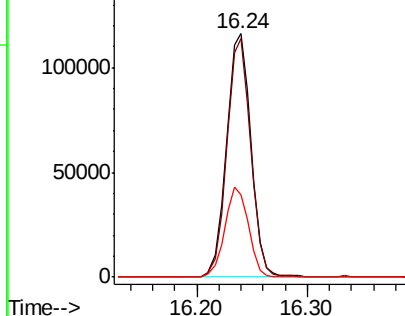
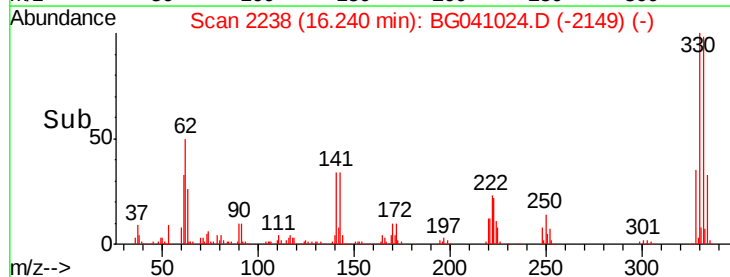


#42
2,4,6-Tribromophenol
Concen: 80.603 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion:330 Resp: 180165
Ion Ratio Lower Upper
330 100
332 95.2 78.5 117.7
141 35.6 28.7 43.1



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

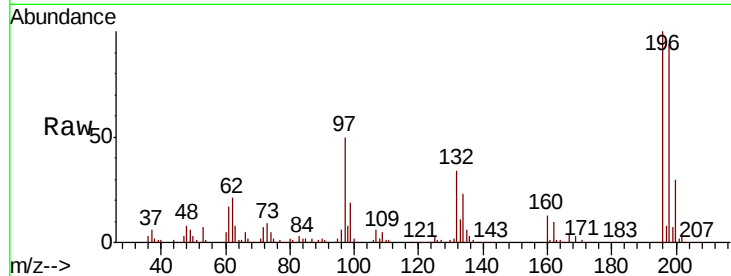




#43
 2,4,6-Trichlorophenol
 Concen: 39.790 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	156207
Ion Ratio	Lower	Upper	
196	100		
198	94.5	73.8	110.6
200	29.7	24.1	36.1

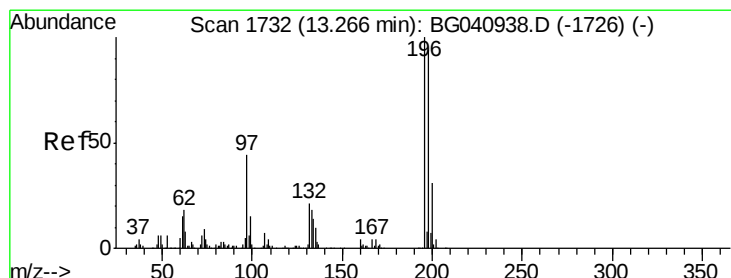
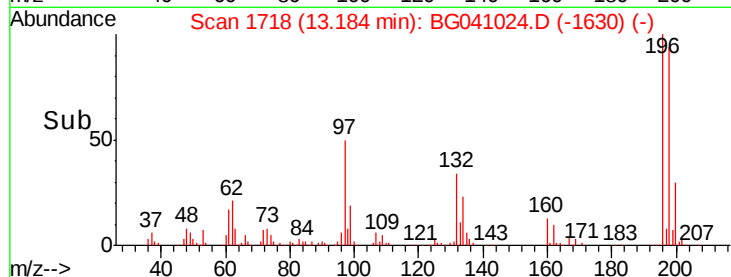
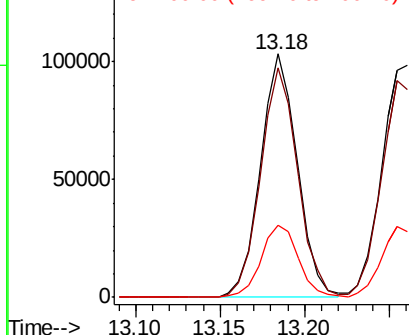


Abundance

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: 39.630 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Tgt Ion	196	Resp	164081
Ion Ratio	Lower	Upper	
196	100		
198	89.7	75.1	112.7
97	42.4	35.6	53.4
132	18.9	16.7	25.1

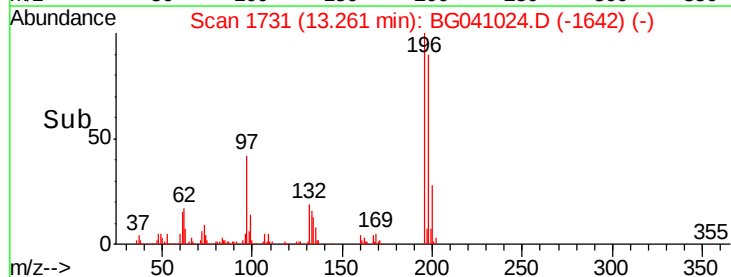
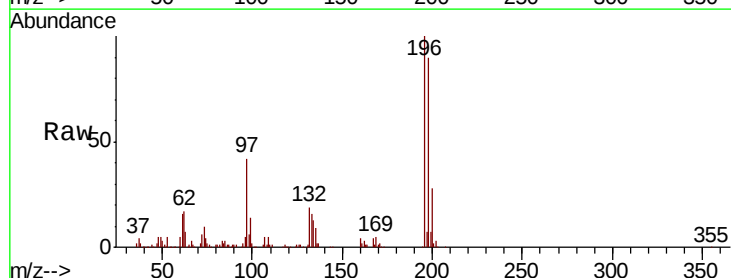
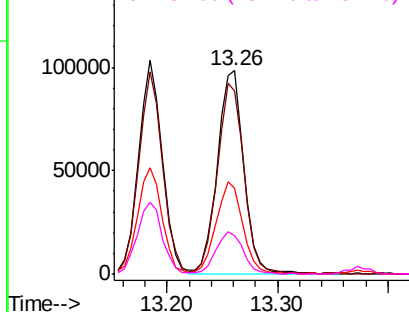
Abundance

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

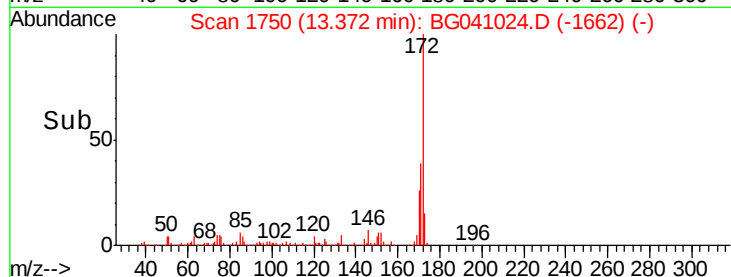
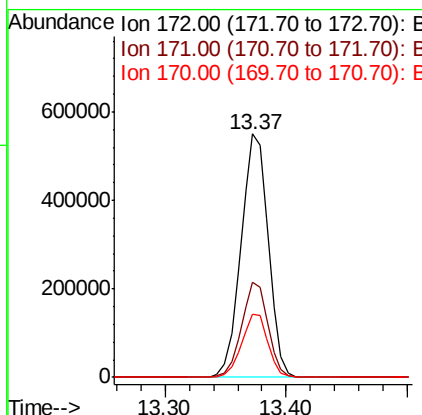
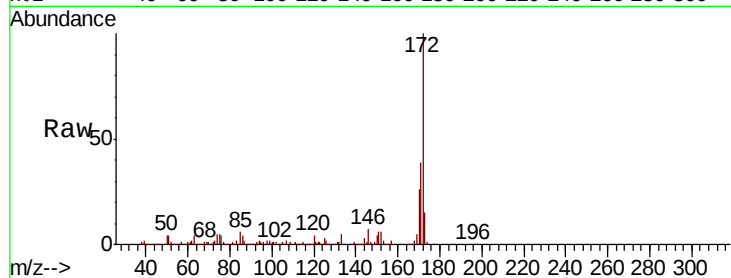




#45
2-Fluorobiphenyl
Concen: 82.548 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

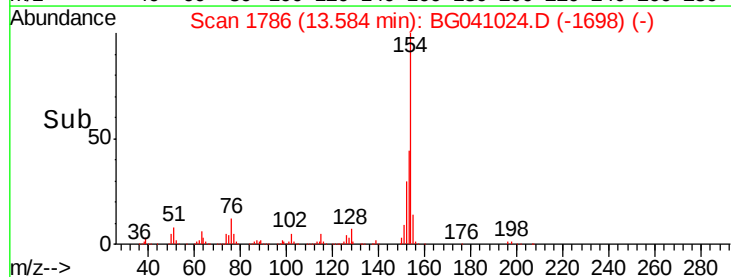
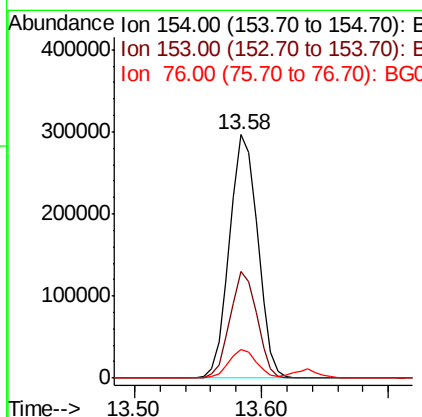
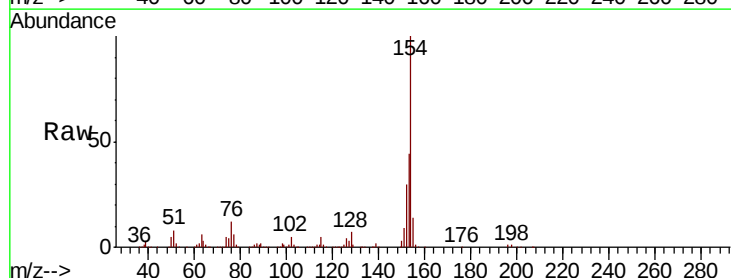
Instrument :
BNA_G
ClientSampleId :

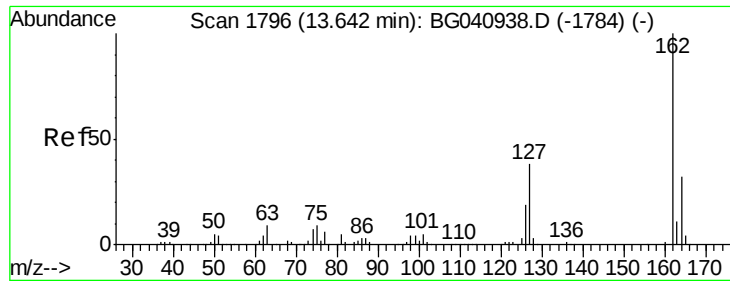
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.1	46.7
170	25.7	20.5	30.7



#46
1,1'-Biphenyl
Concen: 40.899 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	23.3	63.3
76	11.6	0.0	31.1

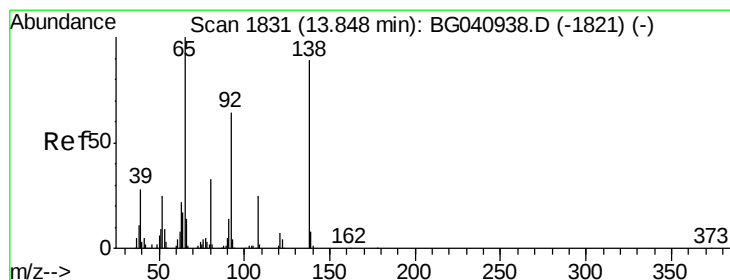
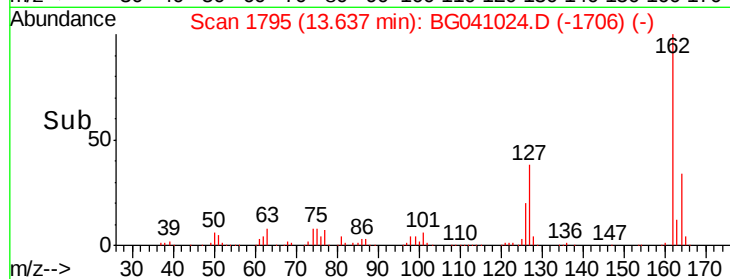
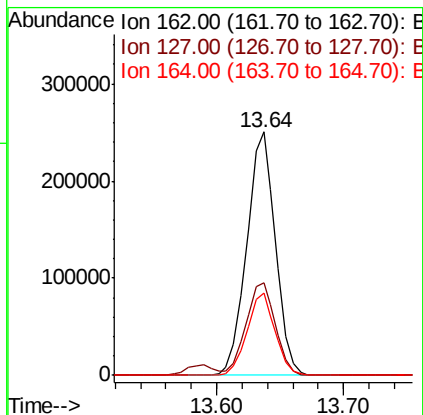
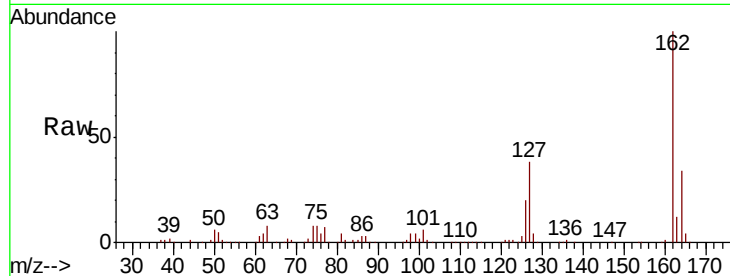




#47
 2-Chloronaphthalene
 Concen: 41.061 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

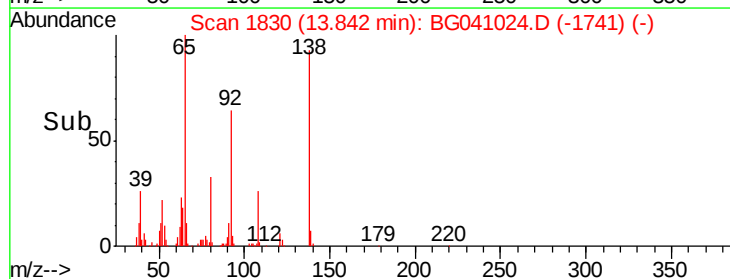
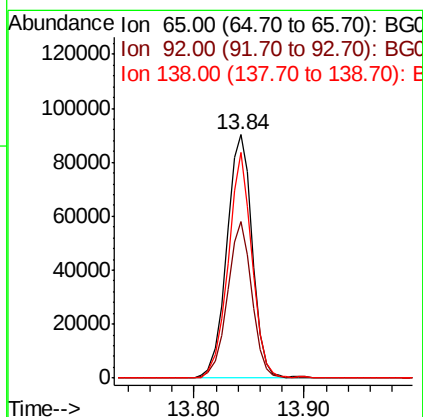
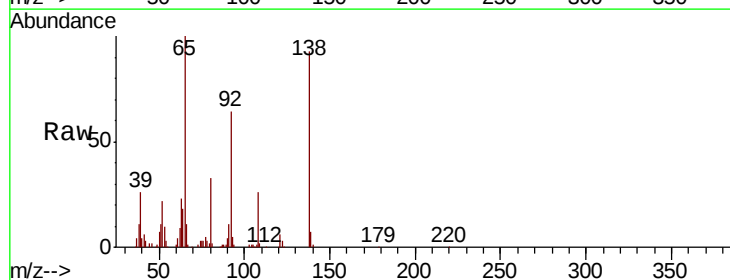
Instrument :
 BNA_G
 ClientSampleId :

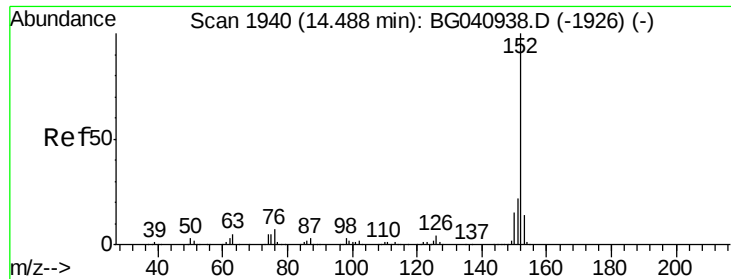
Tot Ion:162 Resp: 392864
 Ion Ratio Lower Upper
 162 100
 127 38.0 30.5 45.7
 164 33.6 25.8 38.6



#48
 2-Nitroaniline
 Concen: 42.499 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Tgt Ion: 65 Resp: 145875
 Ion Ratio Lower Upper
 65 100
 92 64.4 51.0 76.6
 138 92.9 71.2 106.8





#49

Acenaphthylene

Concen: 40.273 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampled :

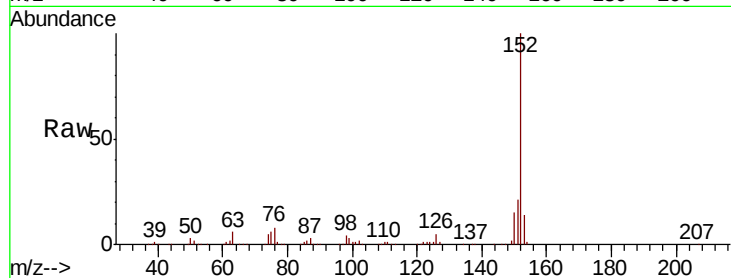
Tot Ion:152 Resp: 579940

Ion Ratio Lower Upper

152 100

151 21.2 17.4 26.0

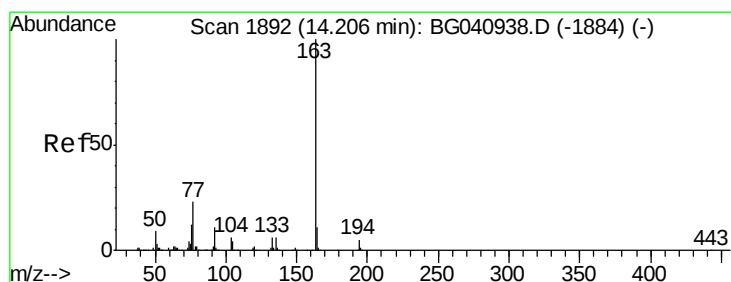
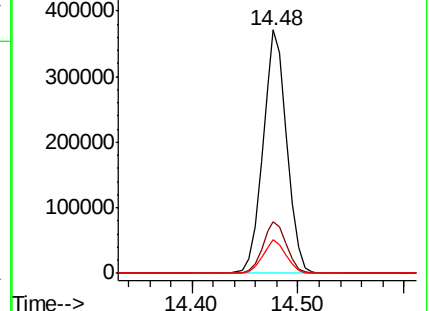
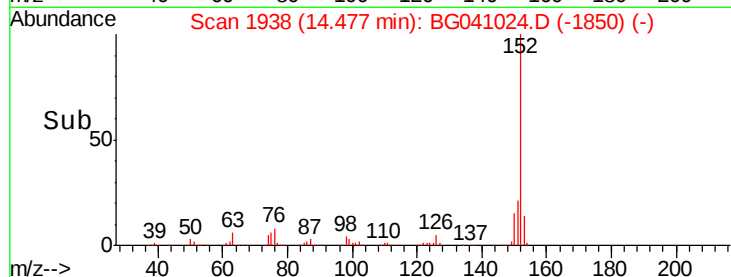
153 13.8 11.0 16.4



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: 39.578 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

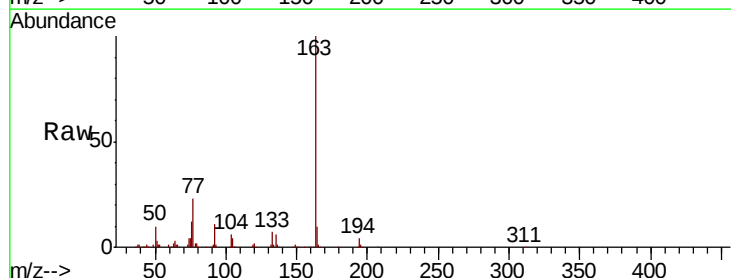
Tgt Ion:163 Resp: 504437

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.8

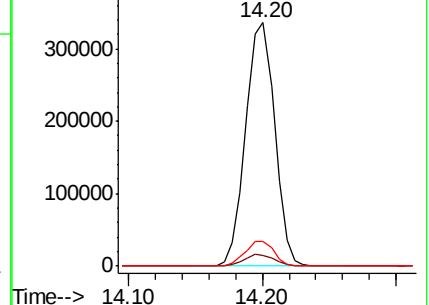
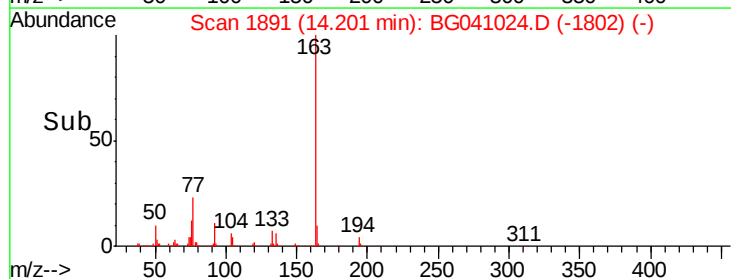
164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

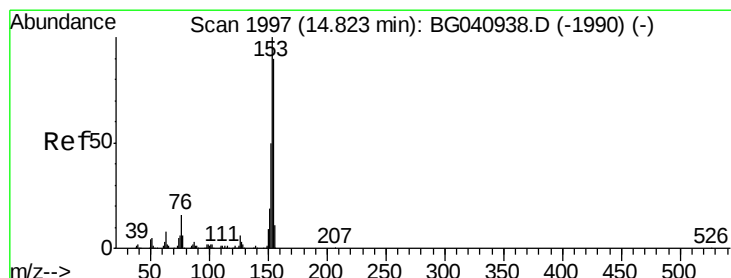
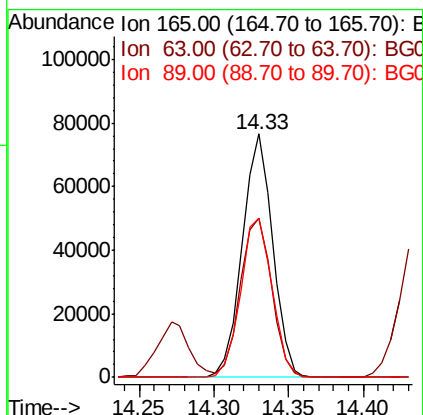
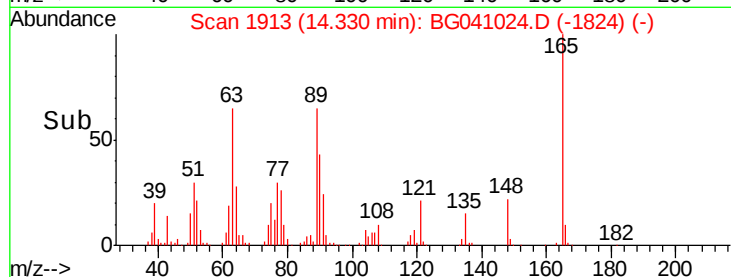
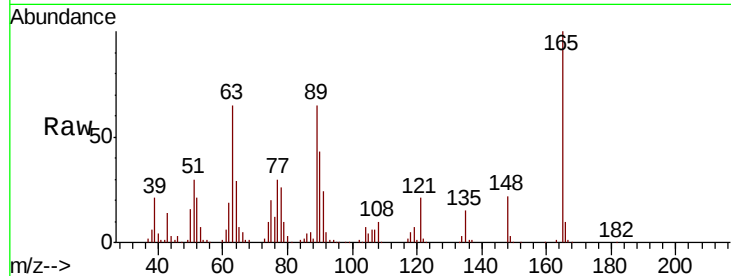




#51
 2,6-Dinitrotoluene
 Concen: 39.143 ng
 RT: 14.33 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

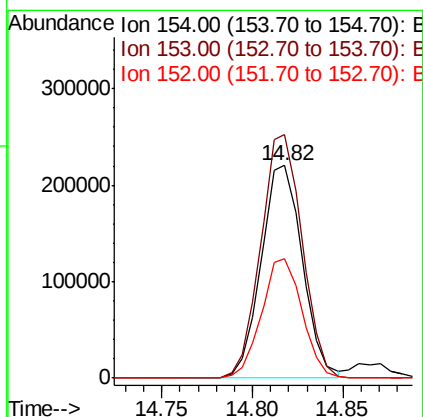
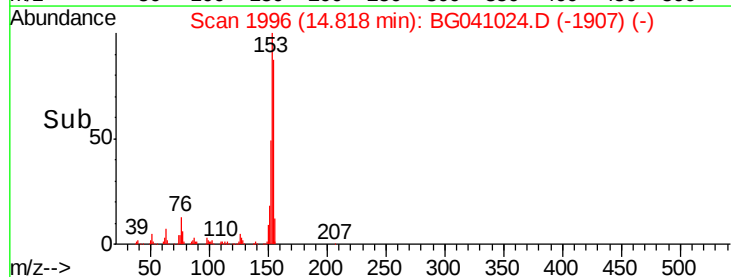
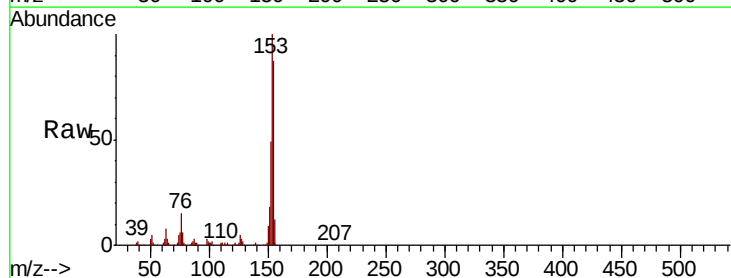
Instrument :
 BNA_G
 ClientSampleId :

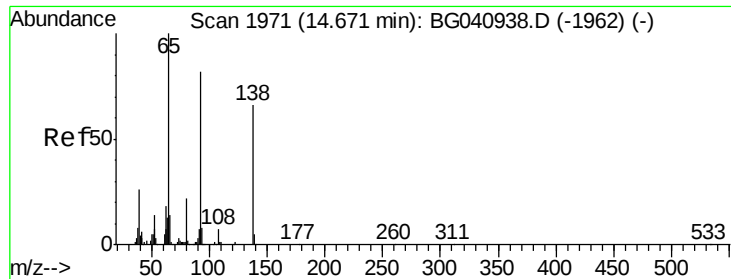
Tot Ion:165 Resp: 107565
 Ion Ratio Lower Upper
 165 100
 63 65.5 53.6 80.4
 89 65.2 50.4 75.6



#52
 Acenaphthene
 Concen: 39.934 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Tgt Ion:154 Resp: 348367
 Ion Ratio Lower Upper
 154 100
 153 114.4 88.6 133.0
 152 56.1 44.2 66.4





#53

3-Nitroaniline

Concen: 40.816 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

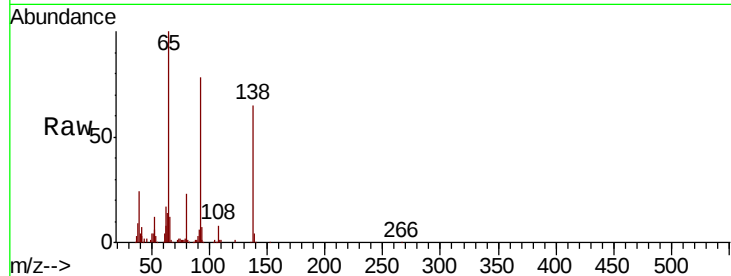
Tot Ion:138 Resp: 112157

Ion Ratio Lower Upper

138 100

108 12.0 8.5 12.7

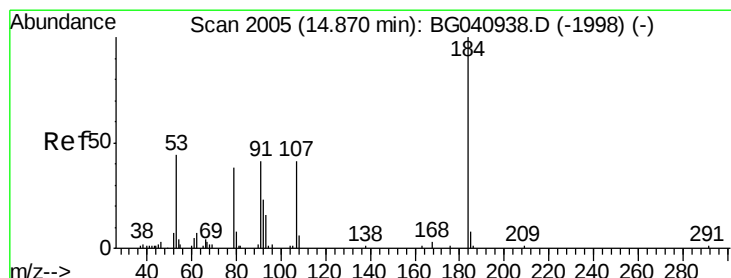
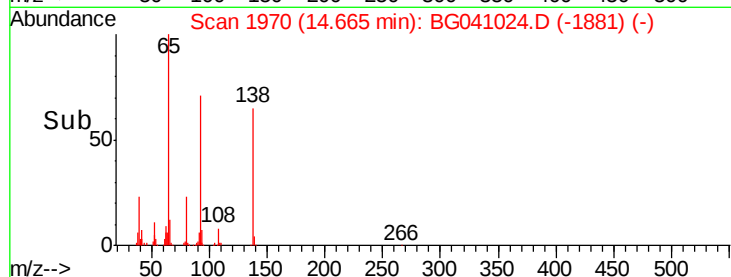
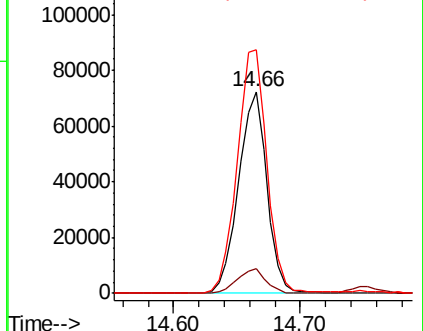
92 120.9 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 40.200 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

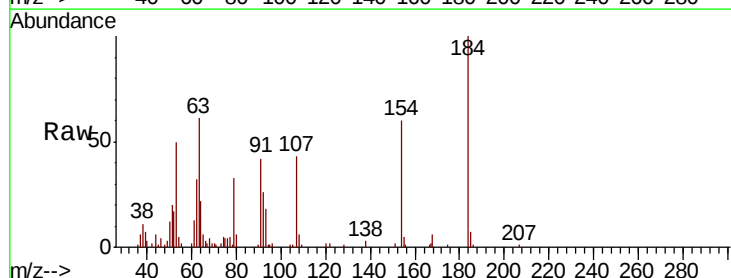
Tgt Ion:184 Resp: 42690

Ion Ratio Lower Upper

184 100

63 60.7 49.8 74.6

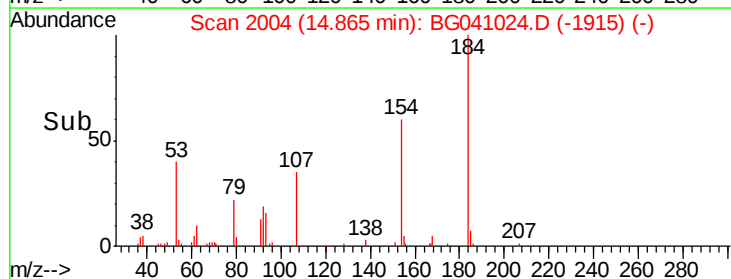
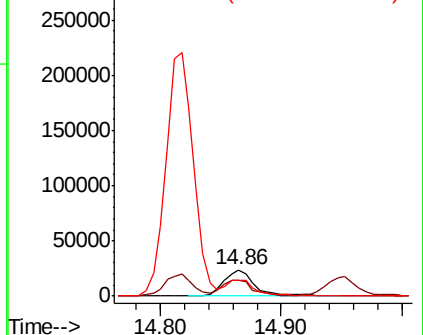
154 60.4 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.329 ng

RT: 15.15 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

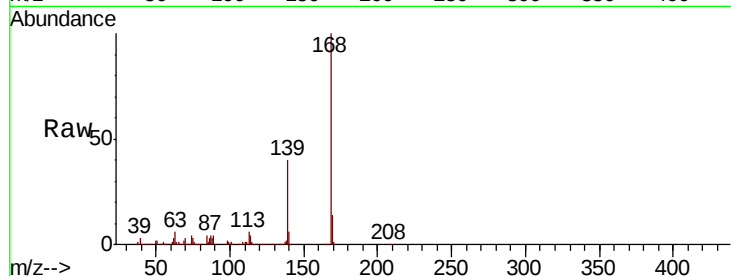
Tot Ion:168 Resp: 591974

Ion Ratio Lower Upper

168 100

139 40.2 32.8 49.2

169 13.8 11.3 16.9

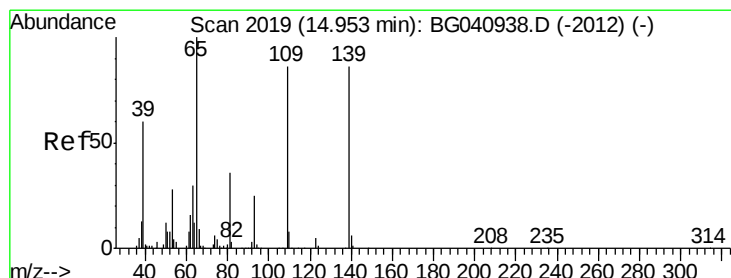
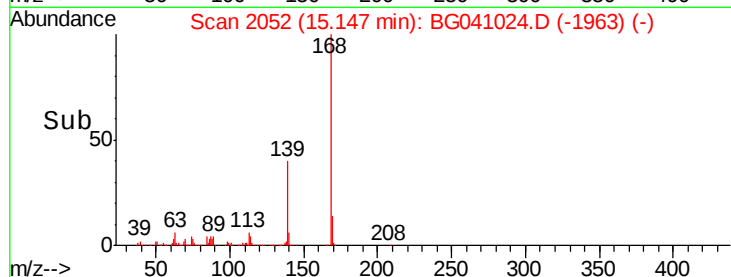
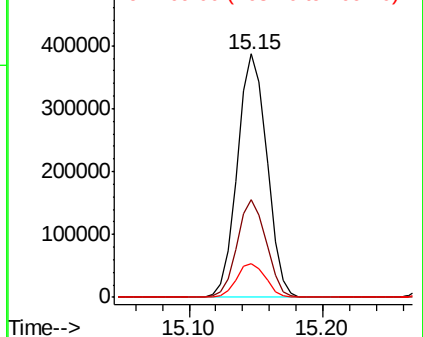


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.797 ng

RT: 14.95 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

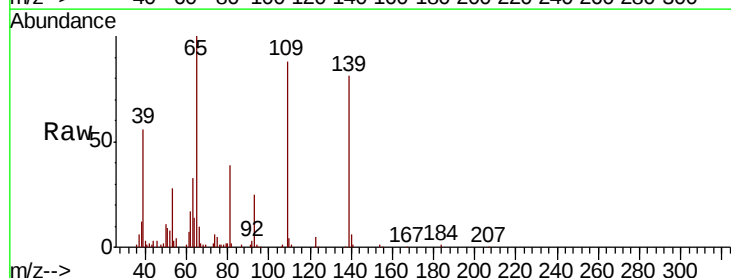
Tgt Ion:139 Resp: 76894

Ion Ratio Lower Upper

139 100

109 108.5 79.6 119.6

65 123.1 96.9 136.9

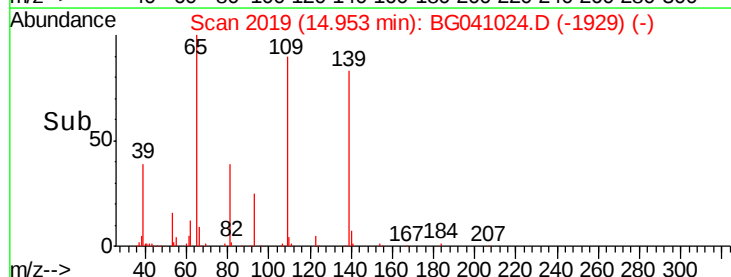
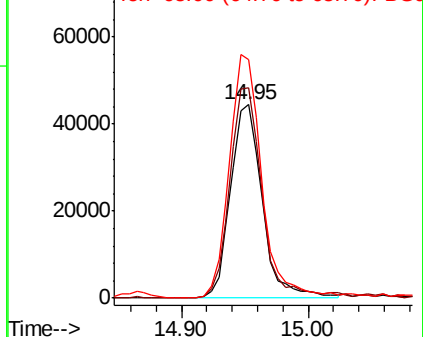


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

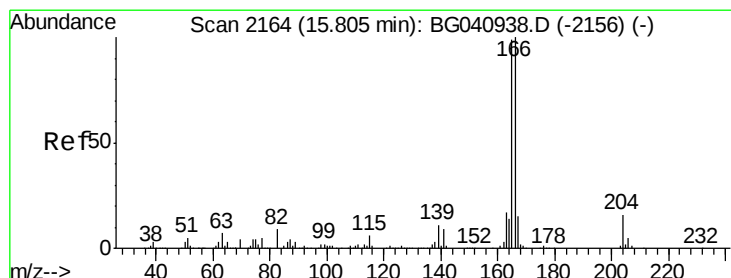
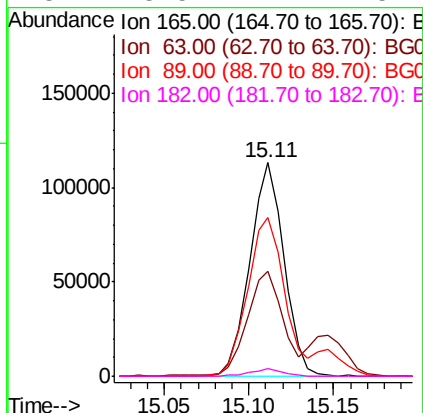
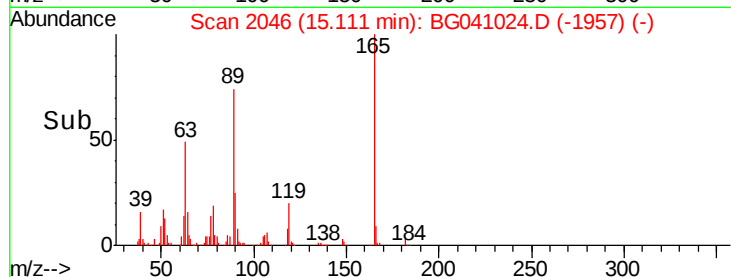
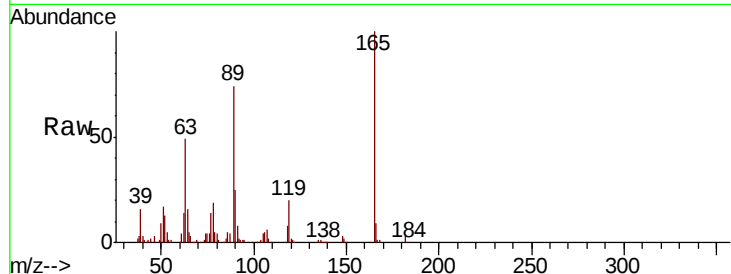




#57
2,4-Dinitrotoluene
Concen: 41.072 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

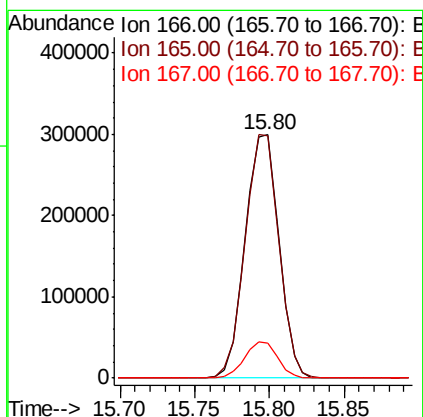
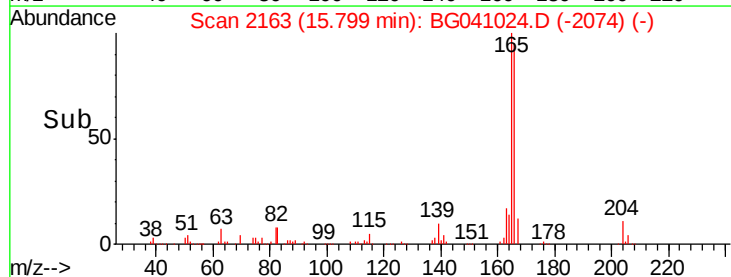
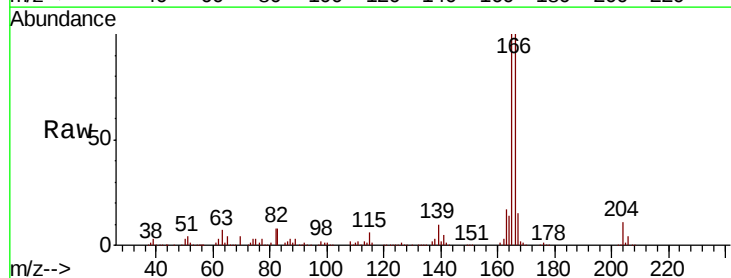
Instrument :
BNA_G
ClientSampleId :

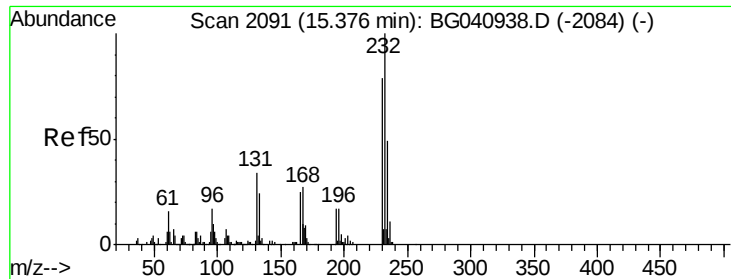
Tot Ion:165 Resp: 159430
Ion Ratio Lower Upper
165 100
63 48.9 37.3 55.9
89 74.1 61.0 91.6
182 3.5 2.2 3.2#



#58
Fluorene
Concen: 40.153 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion:166 Resp: 469386
Ion Ratio Lower Upper
166 100
165 99.7 79.2 118.8
167 14.5 11.8 17.6

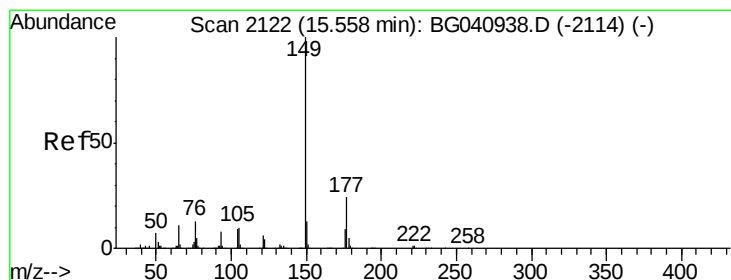
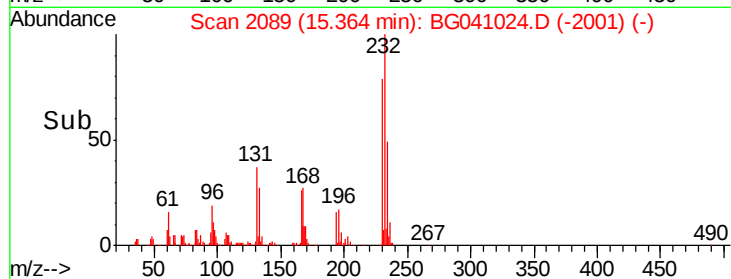
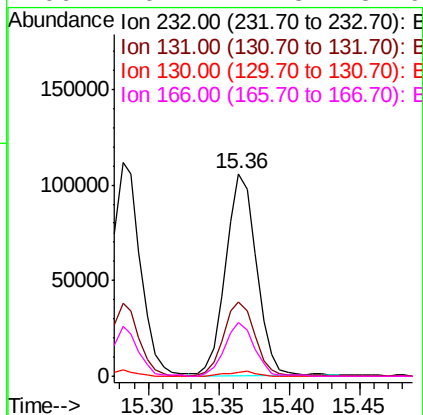
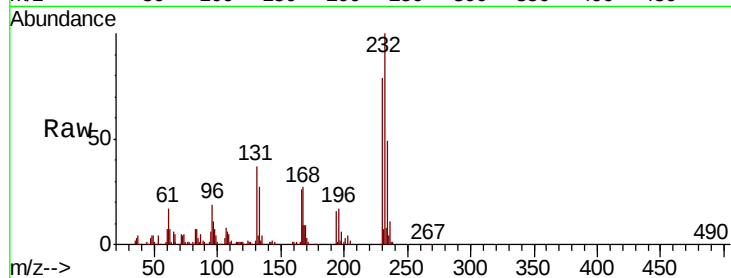




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.373 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

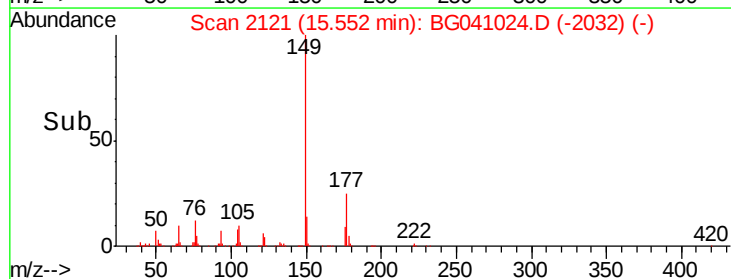
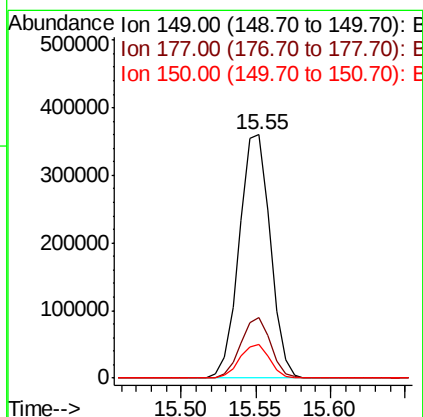
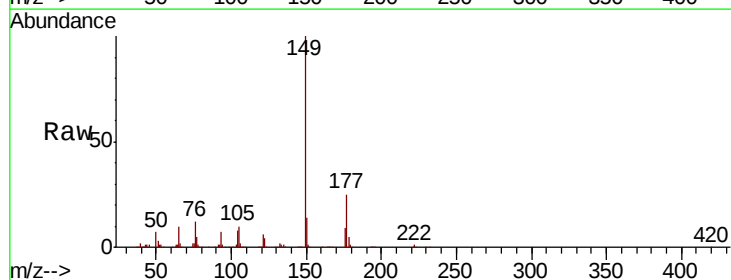
Instrument :
 BNA_G
 ClientSampleId :

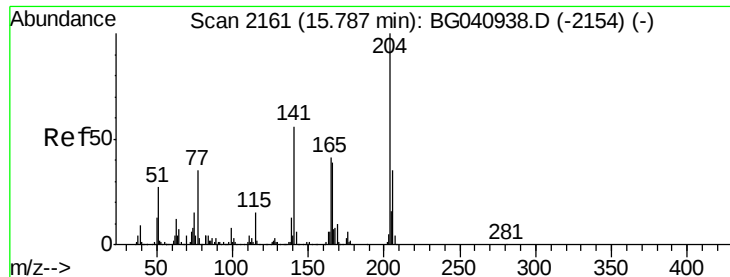
Tot Ion:232	Resp:	160205
Ion Ratio	Lower	Upper
232	100	
131	38.5	30.3 45.5
130	2.3	1.8 2.8
166	26.1	21.3 31.9



#60
 Diethylphthalate
 Concen: 39.951 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Tgt Ion:149	Resp:	519641
Ion Ratio	Lower	Upper
149	100	
177	24.8	19.4 29.0
150	13.9	10.3 15.5

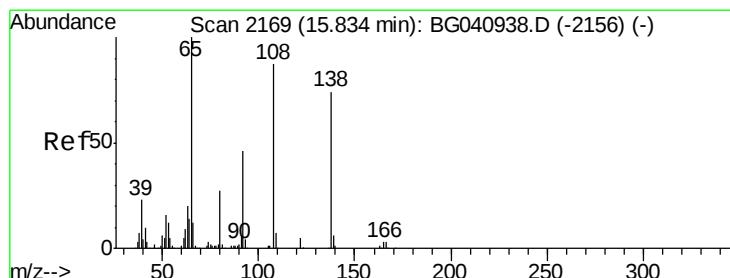
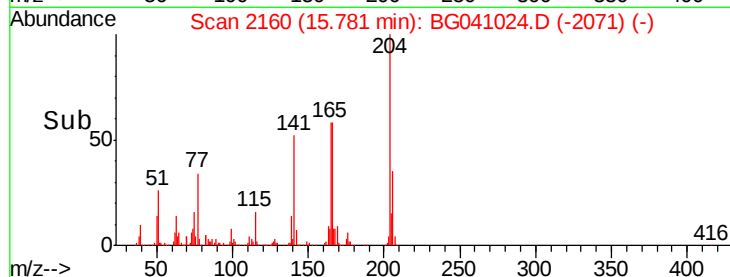
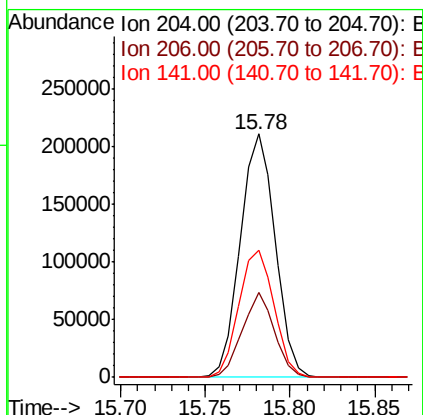
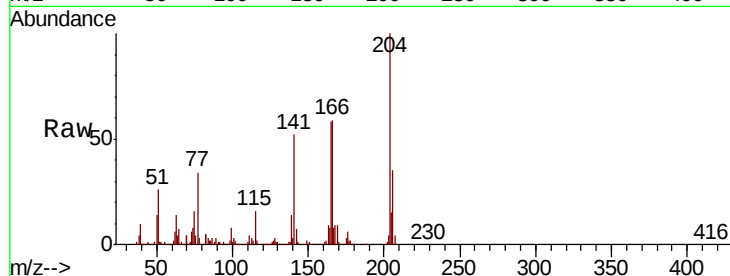




#61
4-Chlorophenyl-phenylether
Concen: 39.965 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

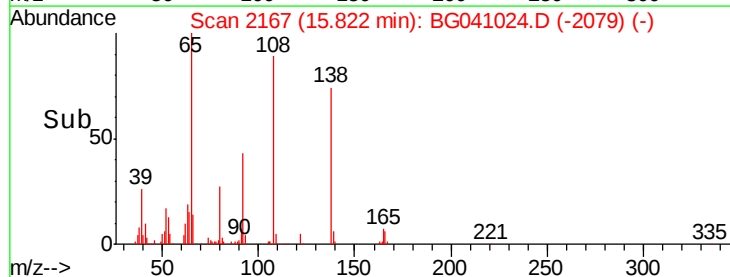
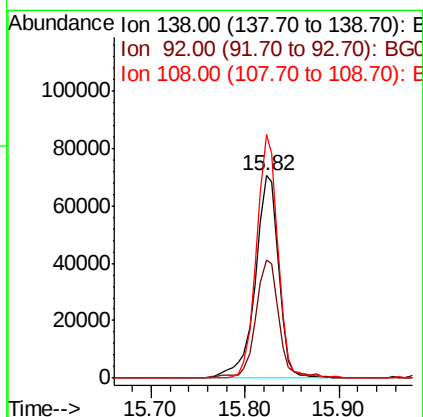
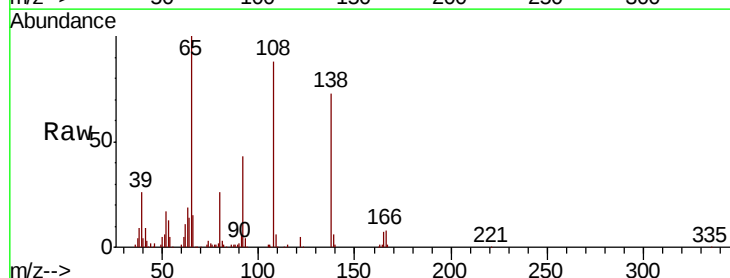
Instrument :
BNA_G
ClientSampleId :

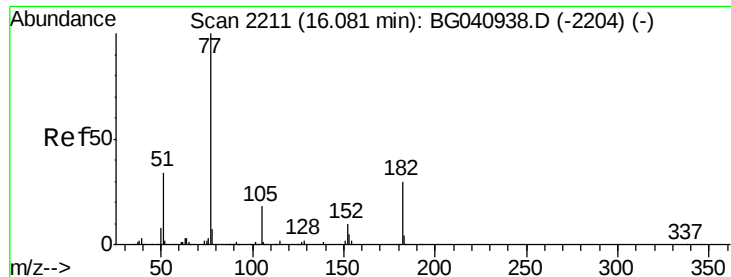
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	52.3	45.1	67.7



#62
4-Nitroaniline
Concen: 41.987 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.6	42.4	82.4
108	120.4	96.9	136.9





#63

Azobenzene

Concen: 40.145 ng

RT: 16.08 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 474586

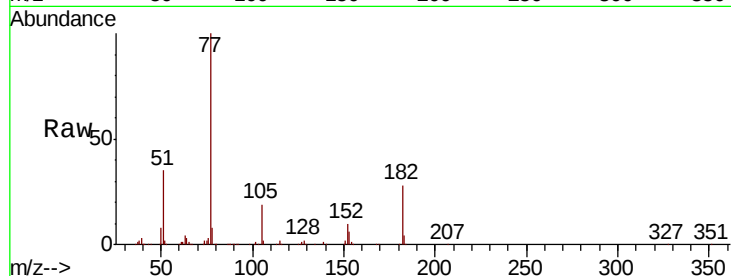
Ion Ratio Lower Upper

77 100

182 27.6 9.6 49.6

105 19.2 0.0 37.5

51 34.9 13.7 53.7

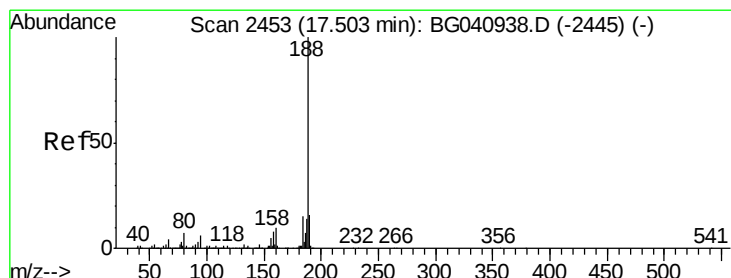
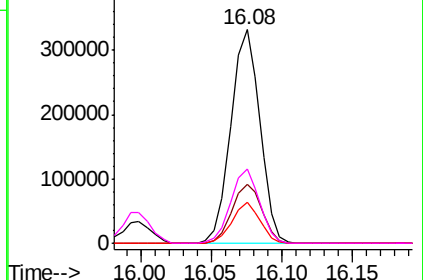
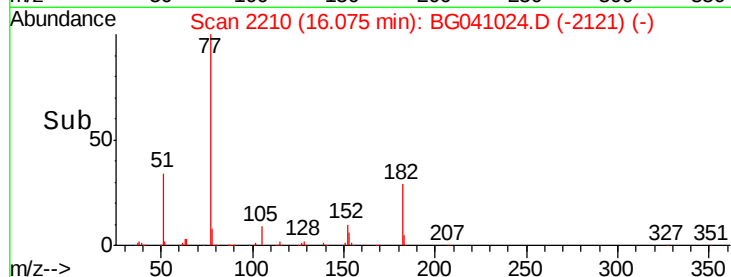


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

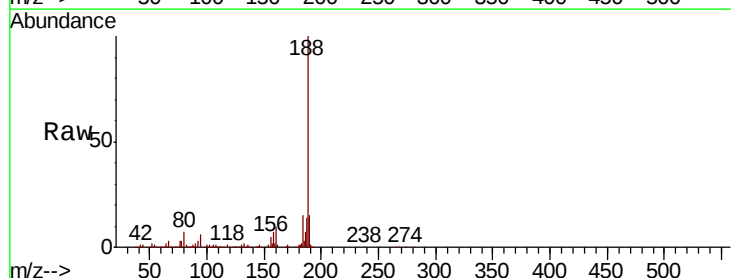
Tgt Ion: 188 Resp: 379373

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

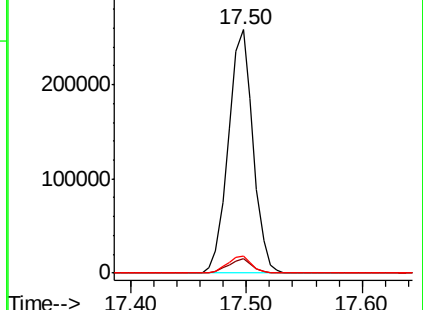
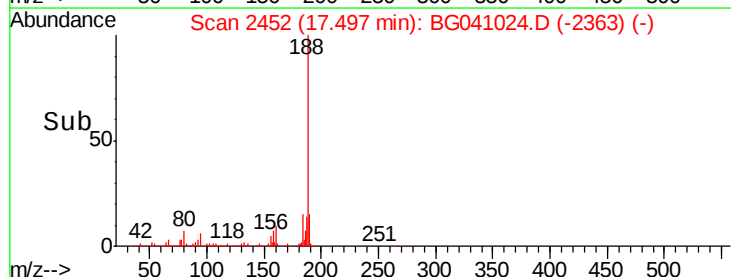
80 6.9 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#65

4,6-Dinitro-2-methylphenol

Concen: 39.975 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

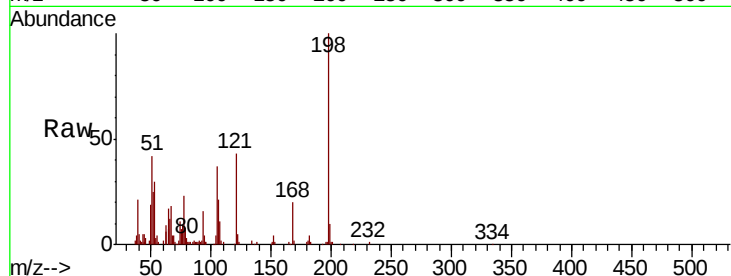
Tot Ion:198 Resp: 77709

Ion Ratio Lower Upper

198 100

51 42.2 21.6 61.6

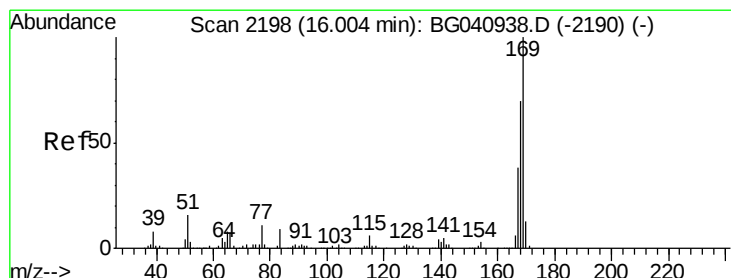
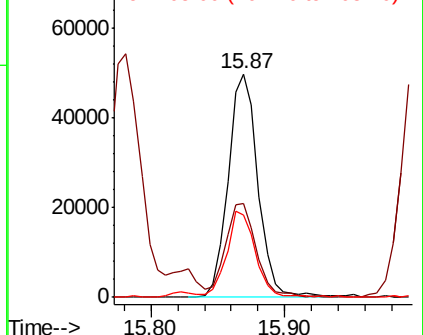
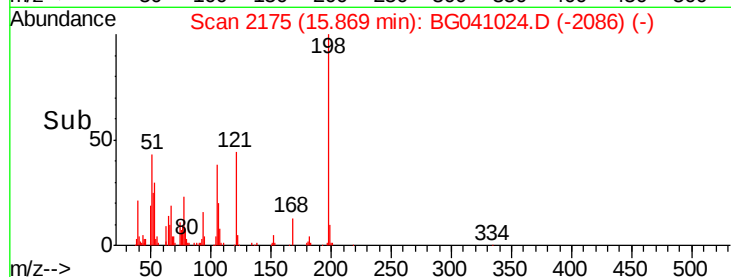
105 36.8 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.844 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

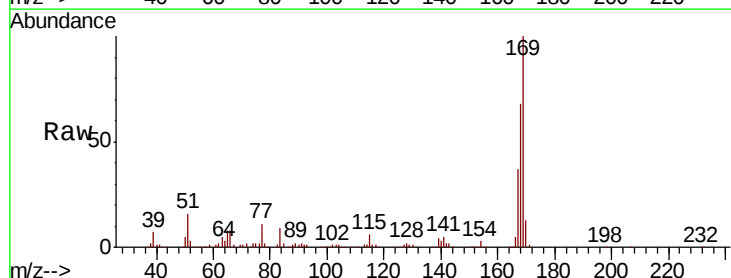
Tgt Ion:169 Resp: 424926

Ion Ratio Lower Upper

169 100

168 68.2 55.7 83.5

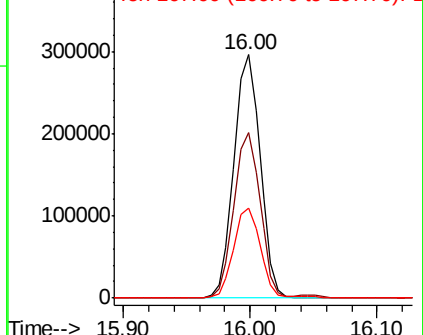
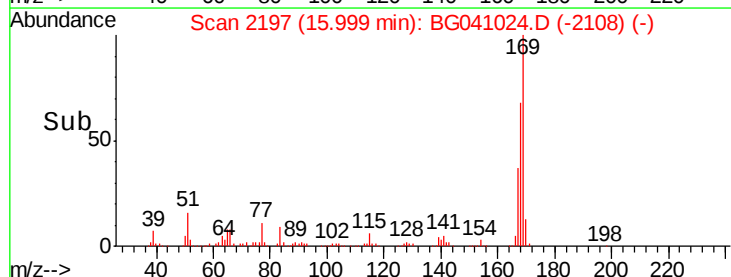
167 37.0 30.2 45.2

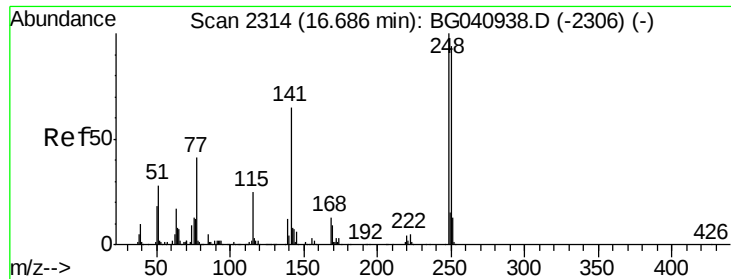


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

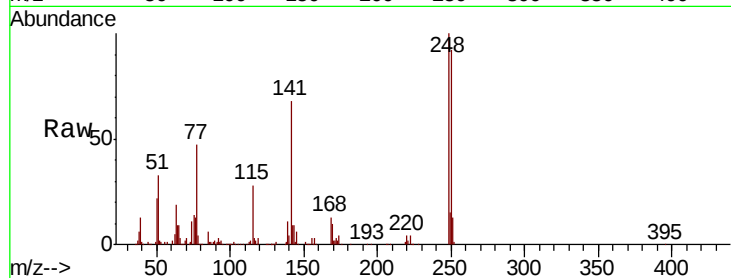




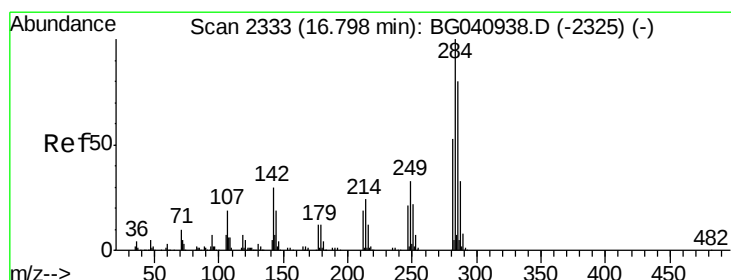
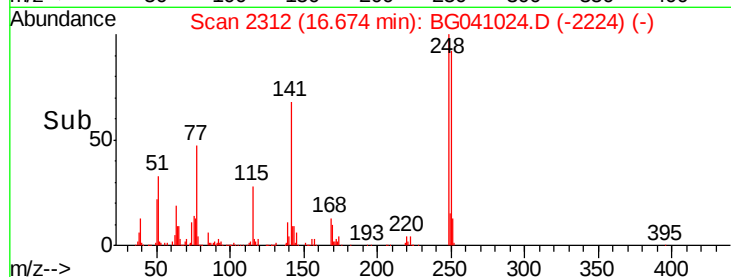
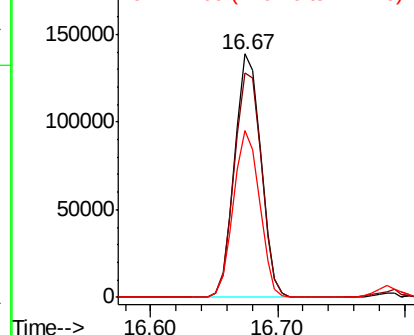
#67
4-Bromophenyl-phenylether
Concen: 38.731 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 198294
Ion Ratio Lower Upper
248 100
250 92.2 75.0 112.4
141 68.3 52.4 78.6

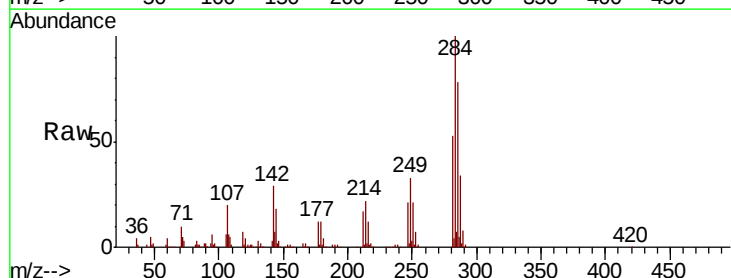


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

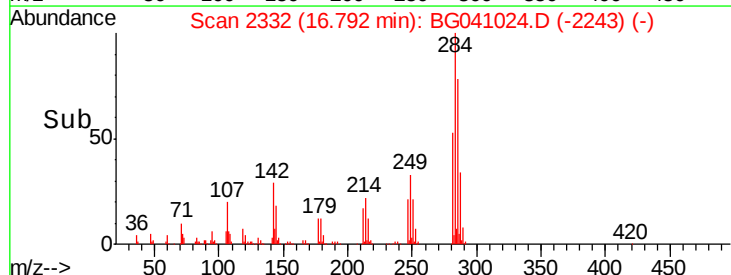
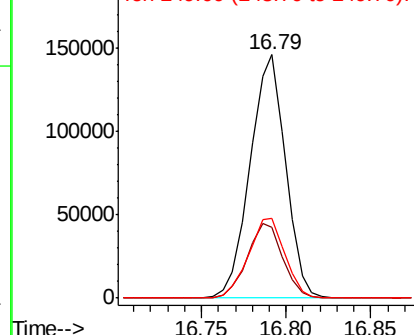


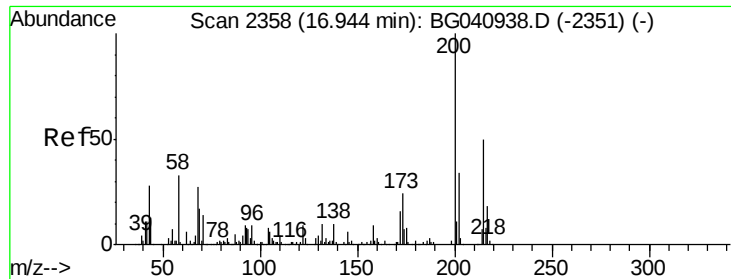
#68
Hexachlorobenzene
Concen: 38.955 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion:284 Resp: 212372
Ion Ratio Lower Upper
284 100
142 29.0 23.9 35.9
249 32.9 26.8 40.2



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

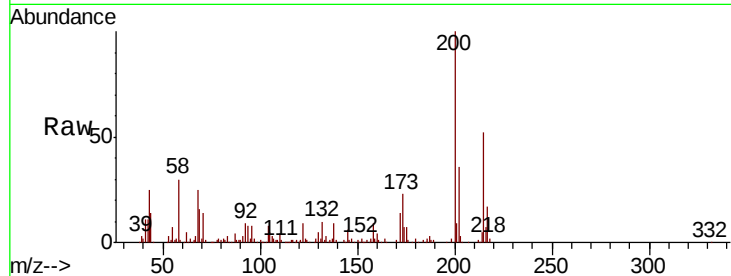




#69
Atrazine
Concen: 42.587 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.6	43.6
215	51.9	29.6	69.6

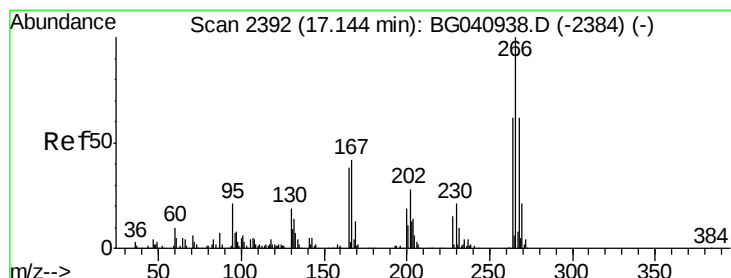
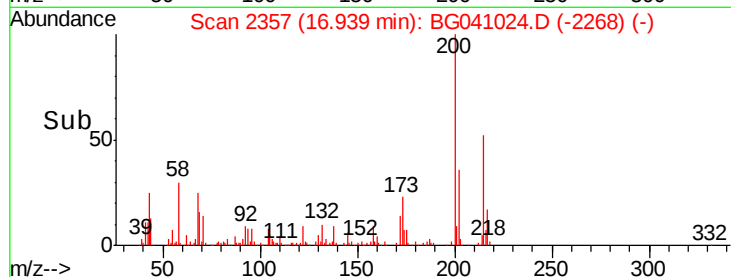
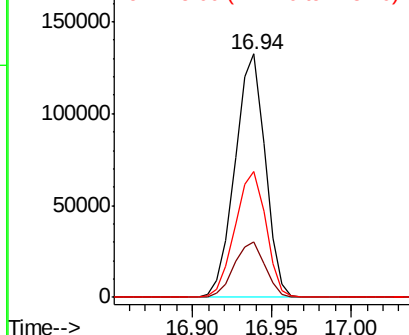


Abundance

Ion 200.00 (199.70 to 200.70): E

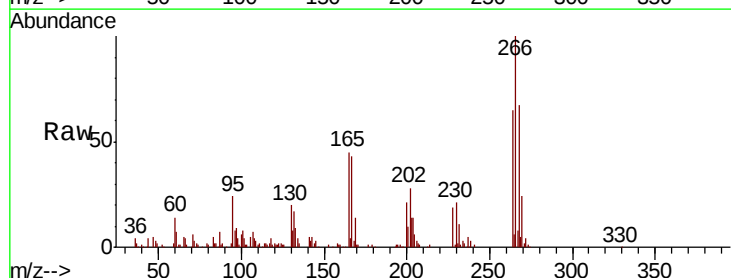
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 37.486 ng
RT: 17.13 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	53.1	79.7
264	65.2	49.9	74.9

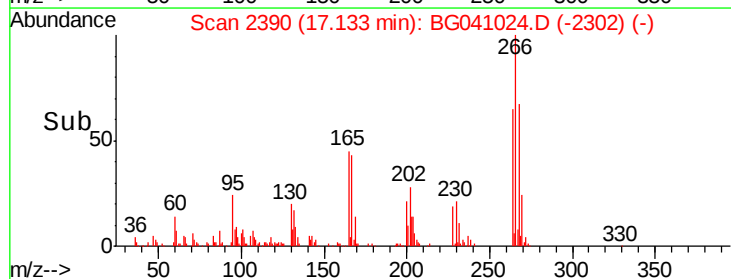
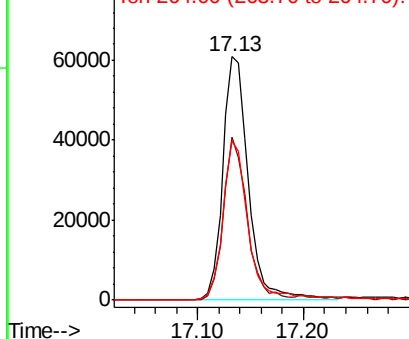


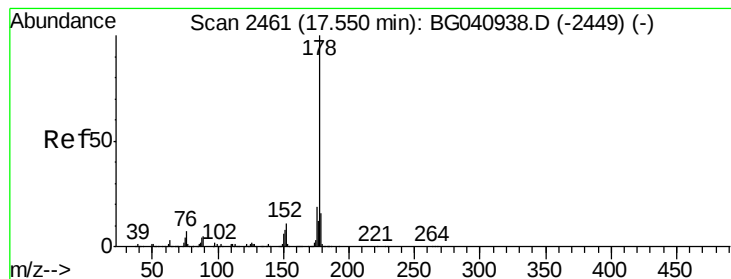
Abundance

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: 40.849 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

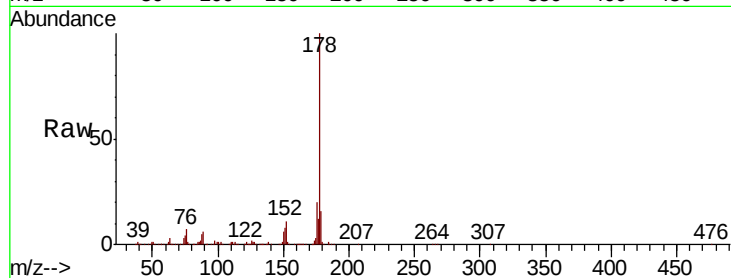
Tot Ion:178 Resp: 807210

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

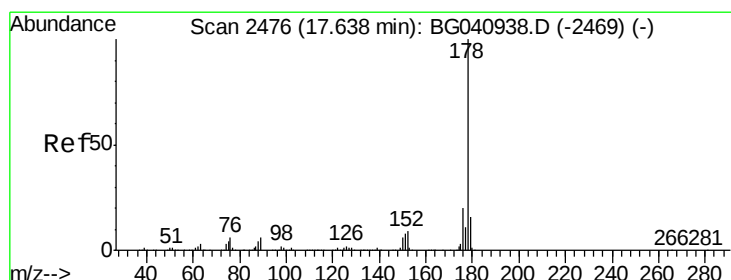
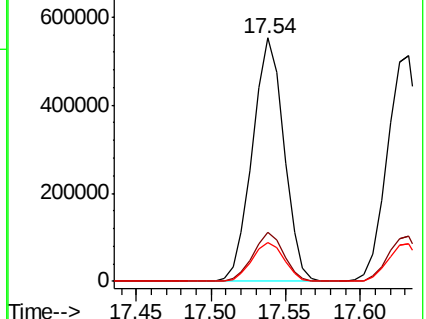
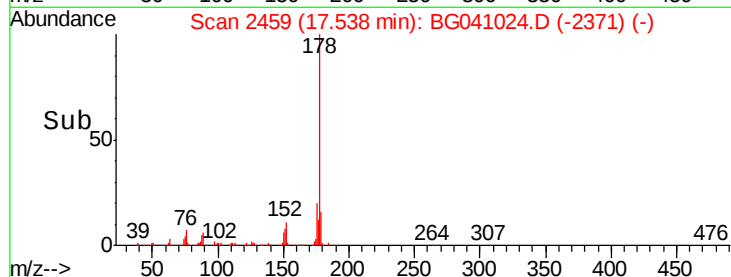
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.175 ng

RT: 17.63 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

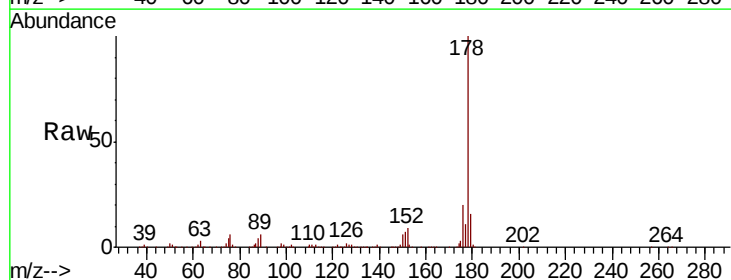
Tgt Ion:178 Resp: 802485

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

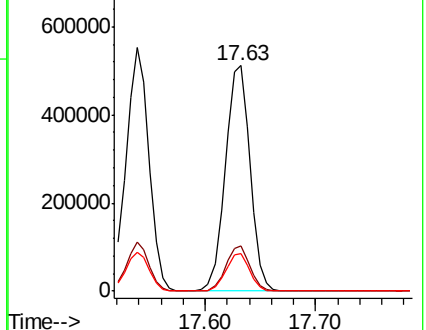
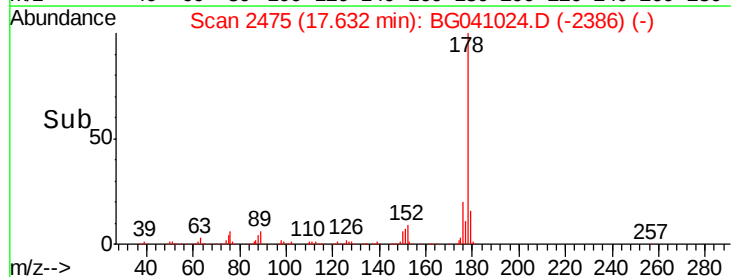
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

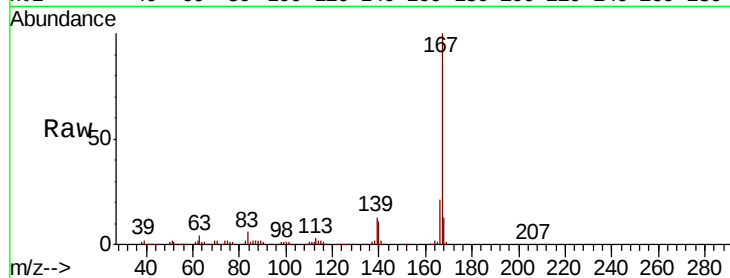




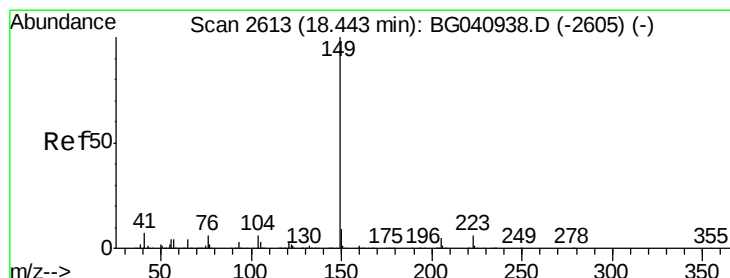
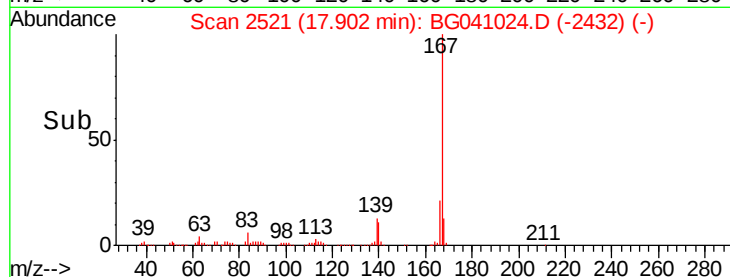
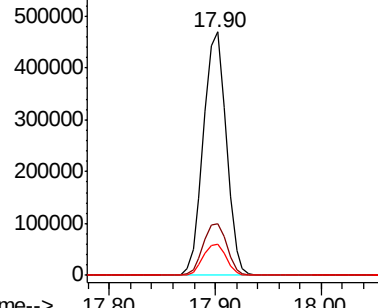
#73
 Carbazole
 Concen: 42.004 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 702432
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.2 27.4
 139 12.7 10.8 16.2

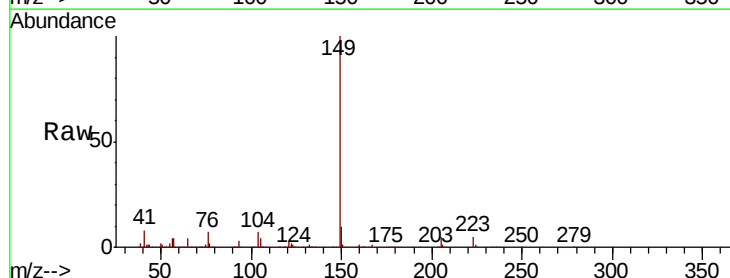


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

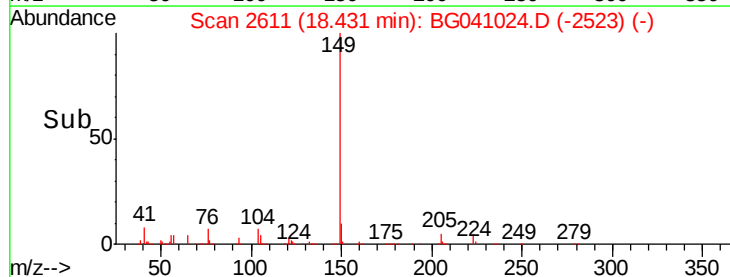
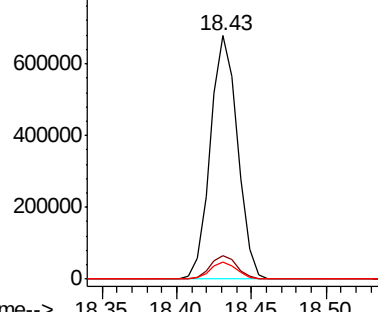


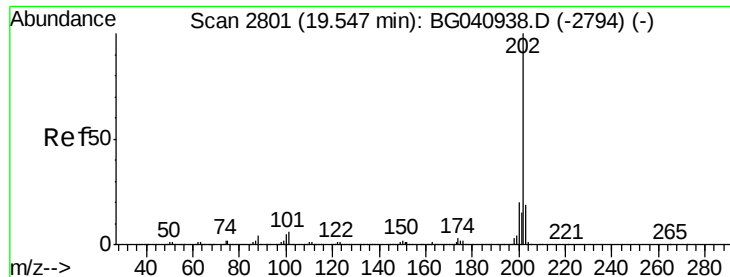
#74
 Di-n-butylphthalate
 Concen: 41.422 ng
 RT: 18.43 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BG041024.D
 Acq: 3 Jun 2019 8:39

Tgt Ion:149 Resp: 860928
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 6.7 5.0 7.4



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: 42.526 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

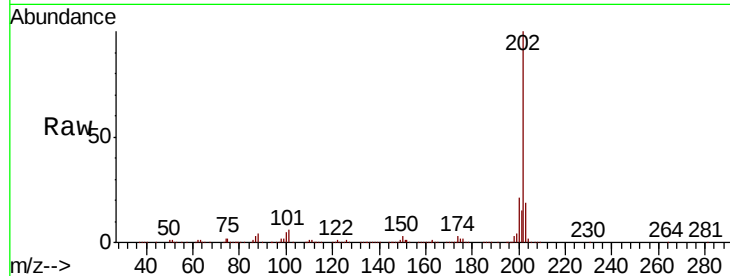
Tot Ion:202 Resp: 1037980

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

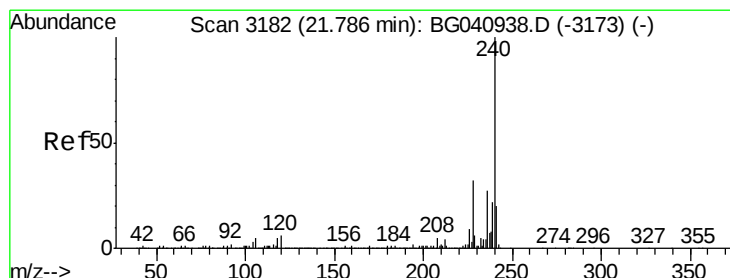
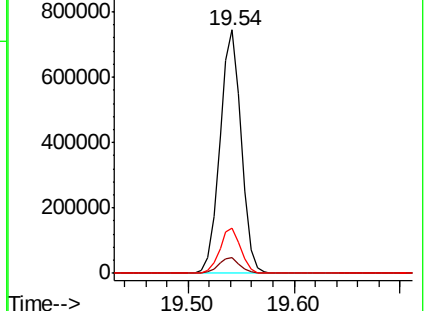
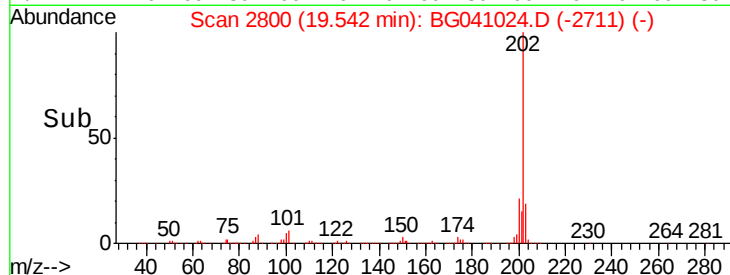
203 18.7 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

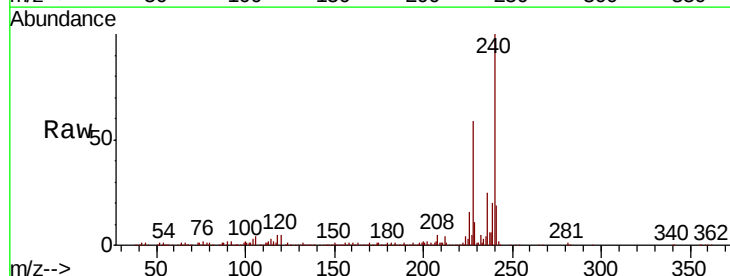
Tgt Ion:240 Resp: 388171

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

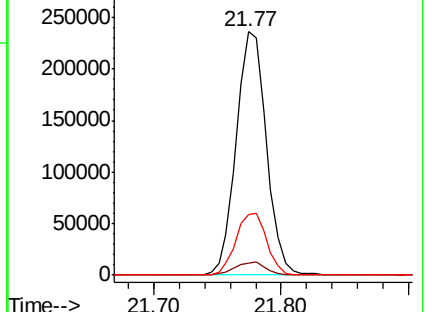
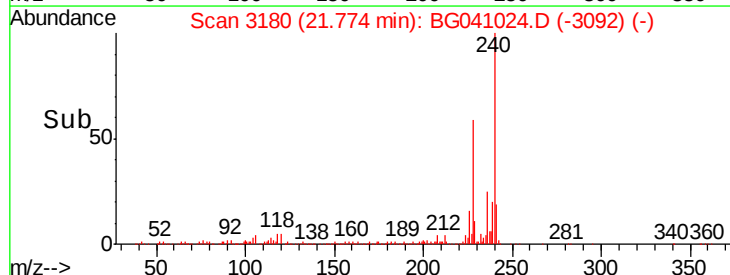
236 24.6 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.559 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

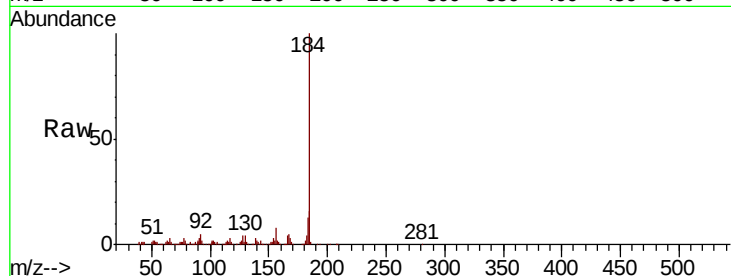
Tot Ion:184 Resp: 384830

Ion Ratio Lower Upper

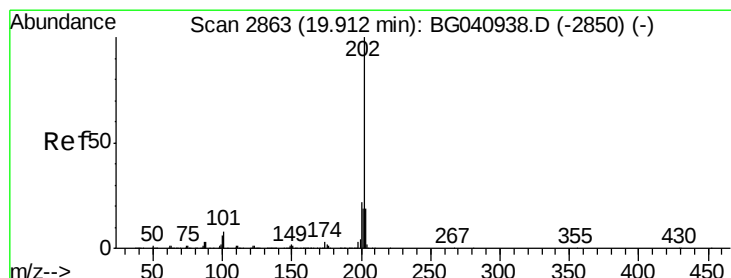
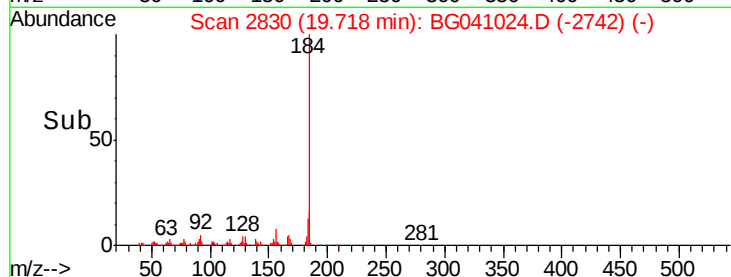
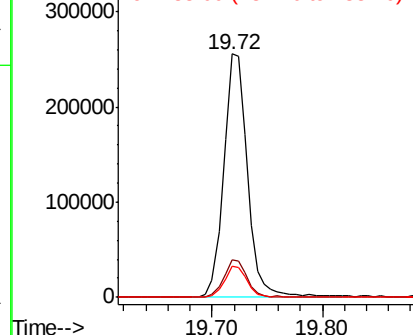
184 100

185 15.7 13.3 19.9

183 12.8 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.252 ng

RT: 19.91 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

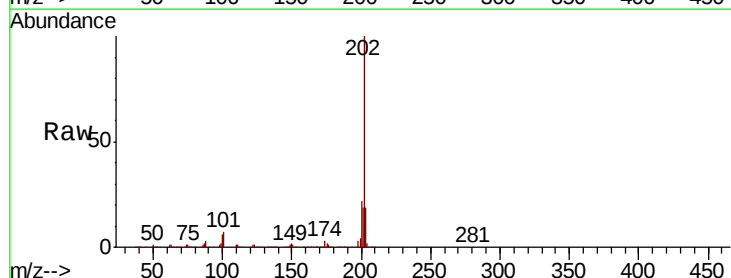
Tgt Ion:202 Resp: 1040933

Ion Ratio Lower Upper

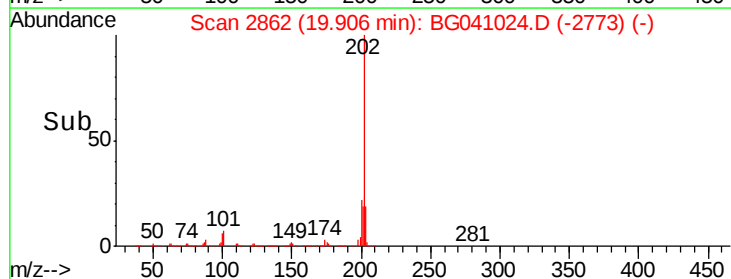
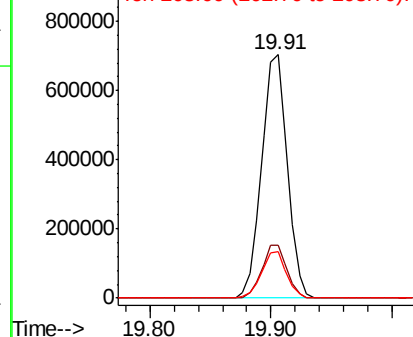
202 100

200 21.7 17.5 26.3

203 19.0 15.6 23.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.003 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

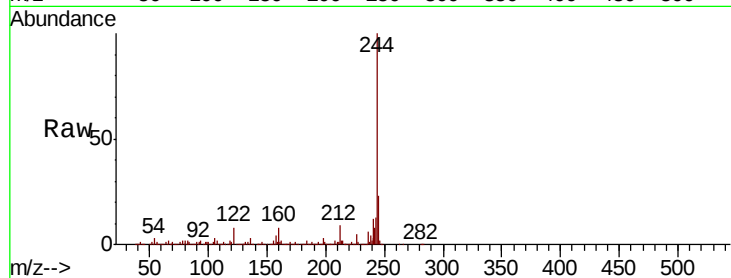
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1518105

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	7.7	5.4	8.0

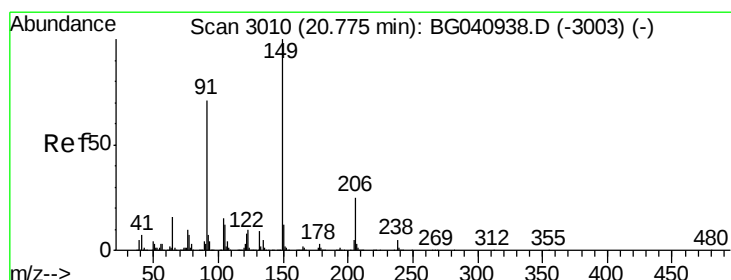
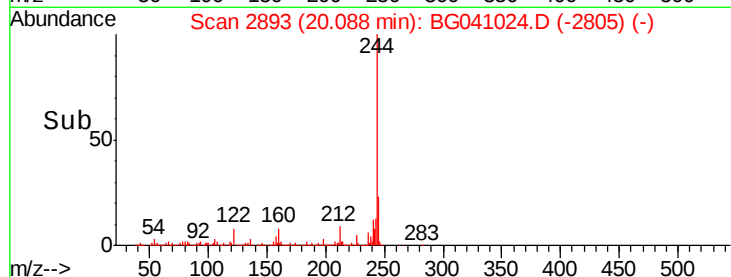
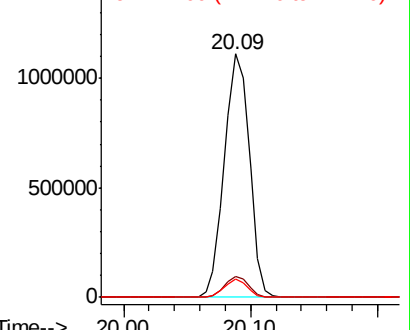


Abundance

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: 40.438 ng

RT: 20.77 min Scan# 3009

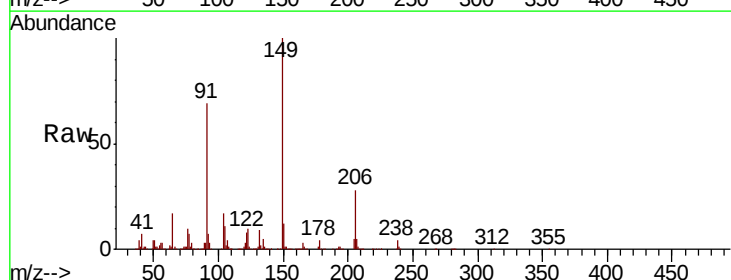
Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Tgt Ion:149 Resp: 397094

Ion	Ratio	Lower	Upper
149	100		
91	69.4	56.5	84.7
206	28.2	20.3	30.5

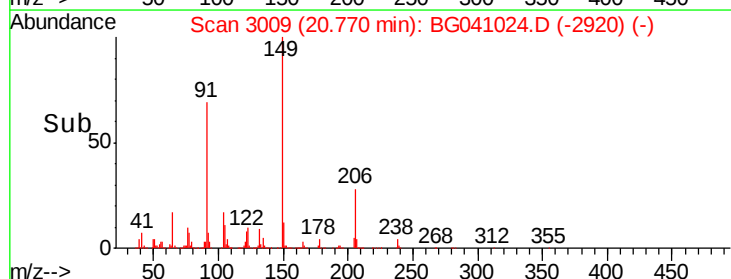
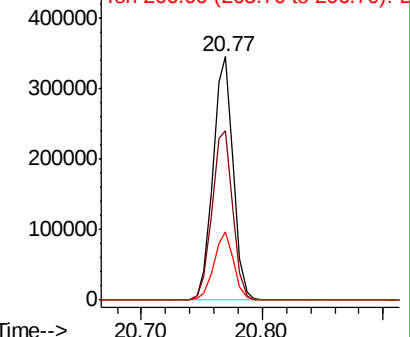


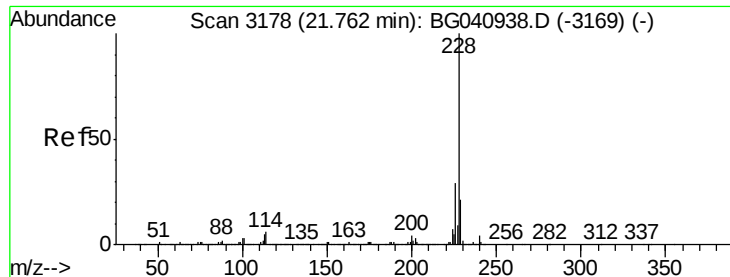
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.051 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

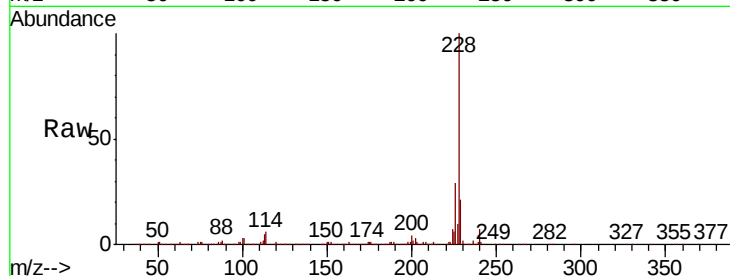
Tot Ion:228 Resp: 1034891

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.5	35.3
229	21.1	16.7	25.1

228 100

226 28.7 23.5 35.3

229 21.1 16.7 25.1

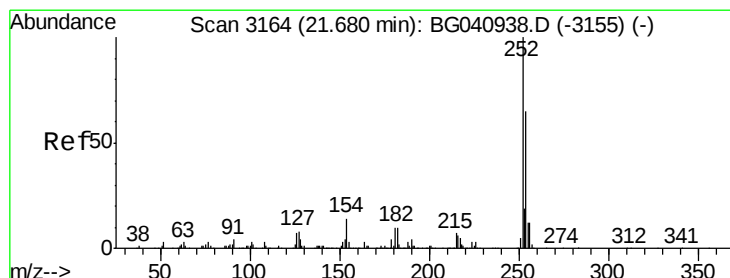
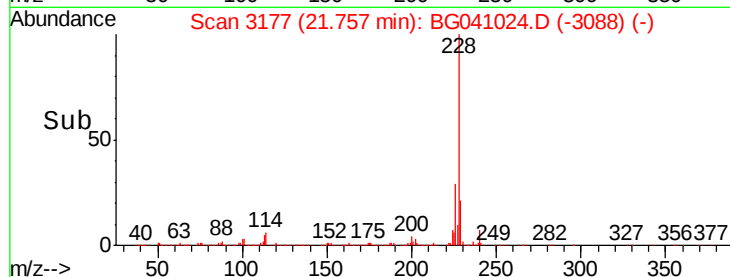
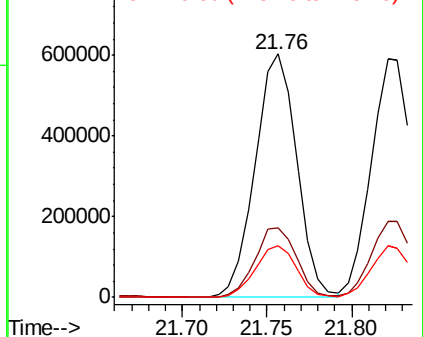


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.025 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

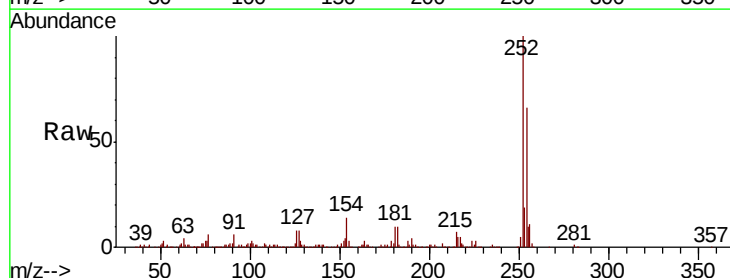
Tgt Ion:252 Resp: 363756

Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.1	78.1
126	7.8	5.5	8.3

252 100

254 65.8 52.1 78.1

126 7.8 5.5 8.3

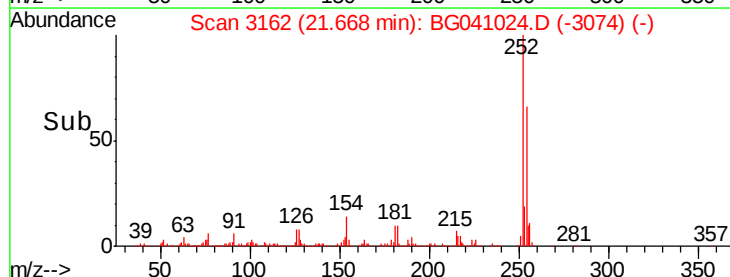
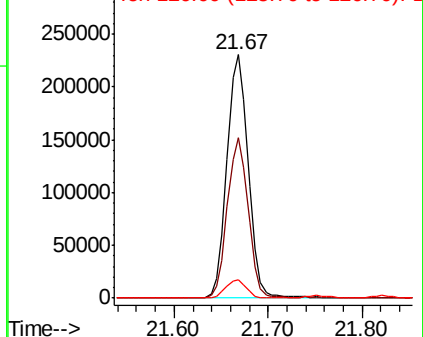


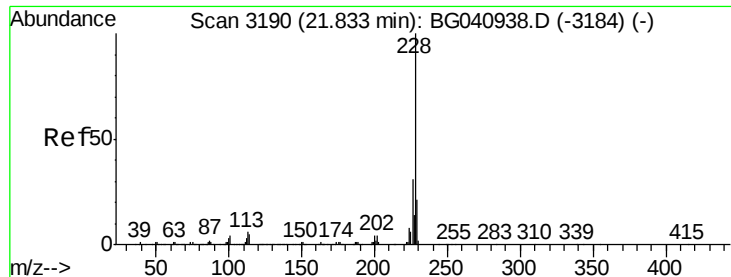
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.241 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

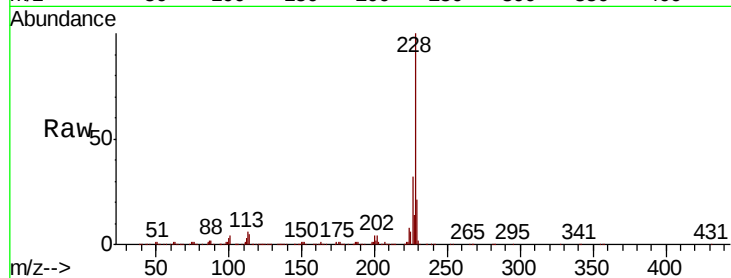
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 995047

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	37.0
229	21.4	16.6	24.8

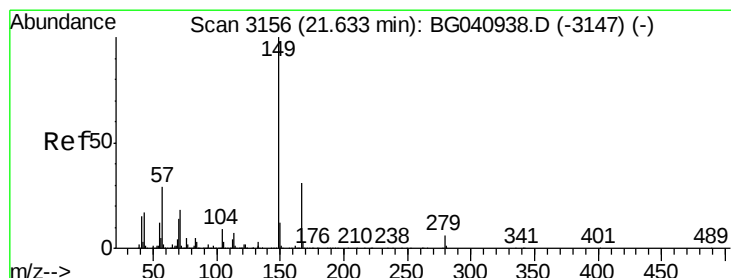
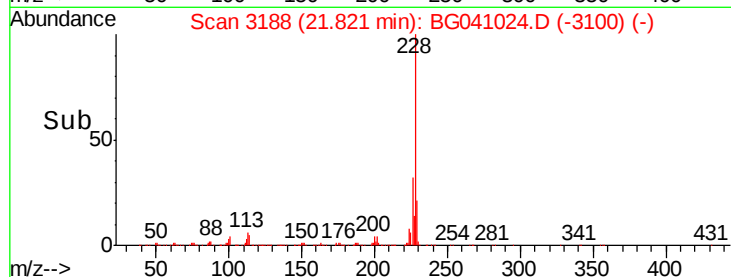
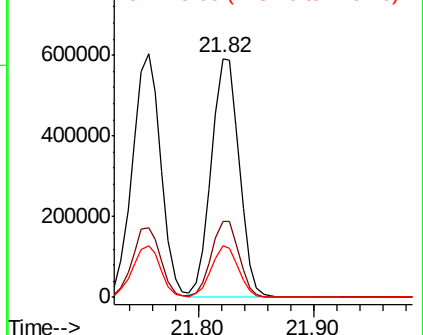


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.195 ng

RT: 21.62 min Scan# 3154

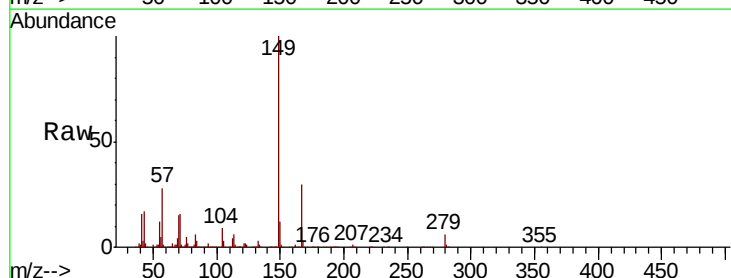
Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Tgt Ion:149 Resp: 541818

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.6	37.0
279	6.0	5.0	7.6

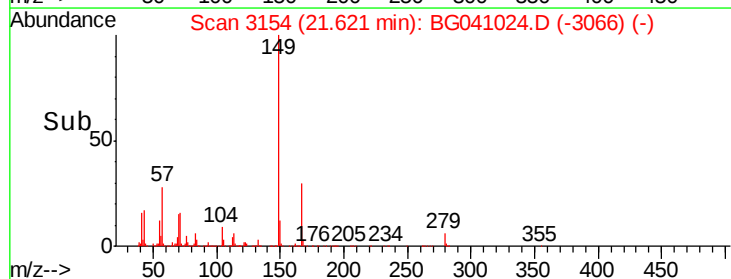
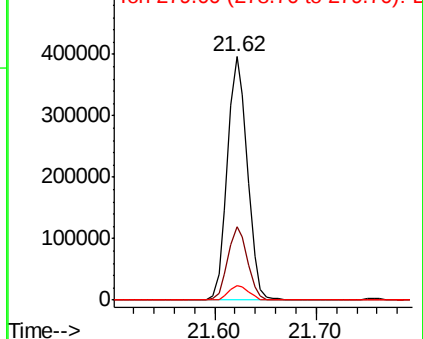


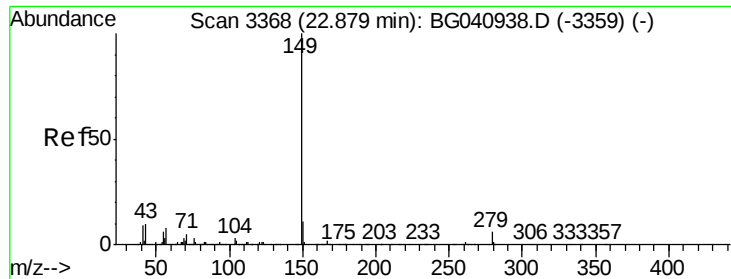
Abundance

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

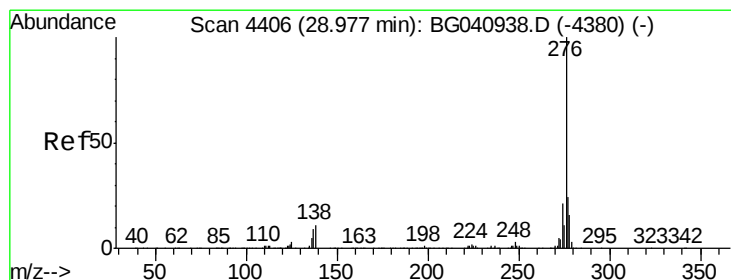
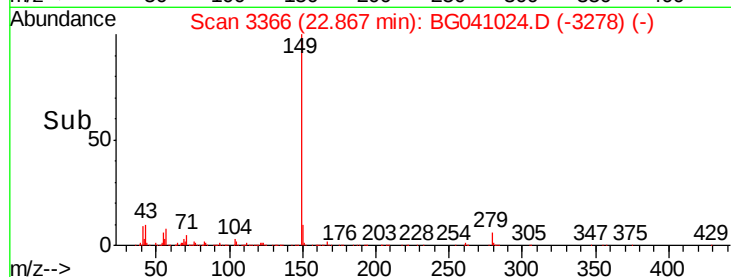
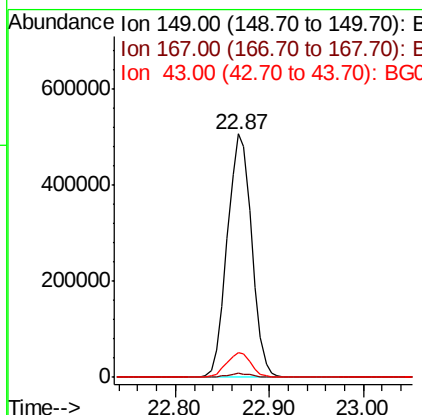
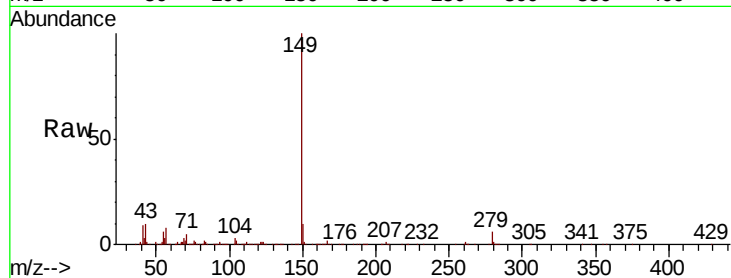




#85
Di-n-octyl phthalate
Concen: 39.619 ng
RT: 22.87 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

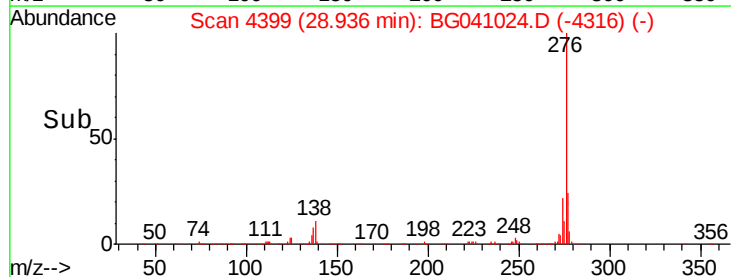
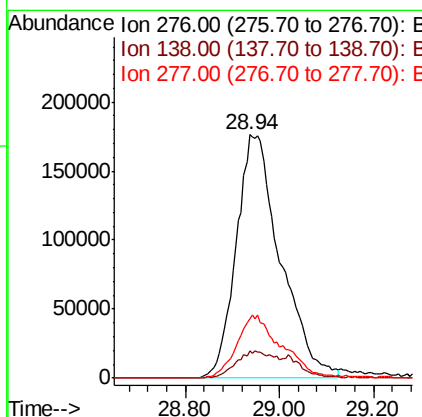
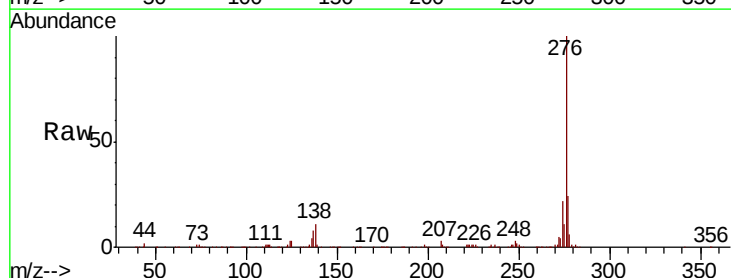
Instrument :
BNA_G
ClientSampleId :

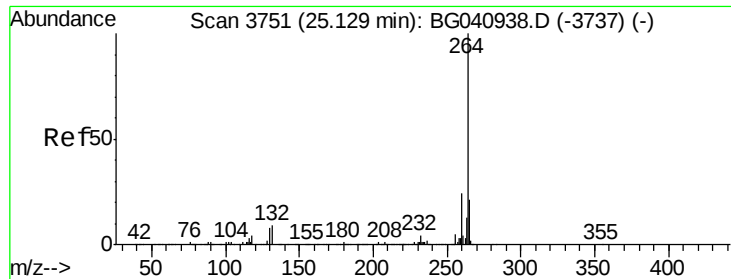
Tot Ion:149 Resp: 912137
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.018 ng
RT: 28.94 min Scan# 4399
Delta R.T. -0.04 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion:276 Resp: 1151566
Ion Ratio Lower Upper
276 100
138 9.6 5.7 8.5#
277 26.1 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampleId :

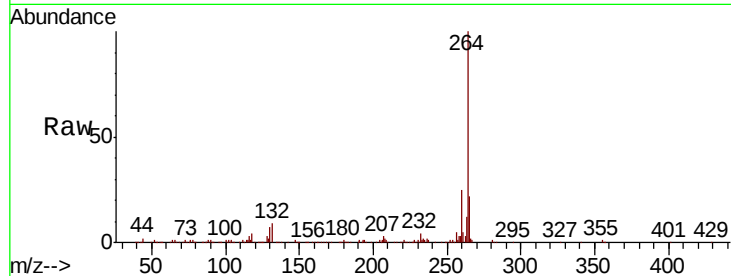
Tot Ion:264 Resp: 412893

Ion Ratio Lower Upper

264 100

260 25.2 19.0 28.4

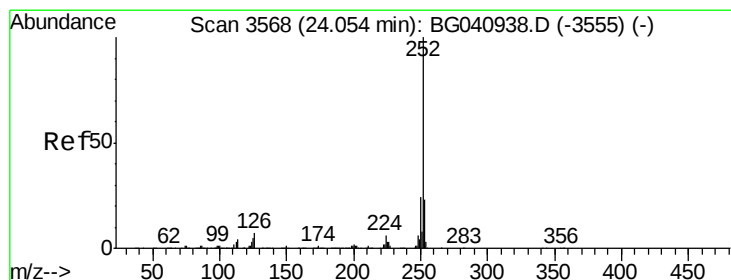
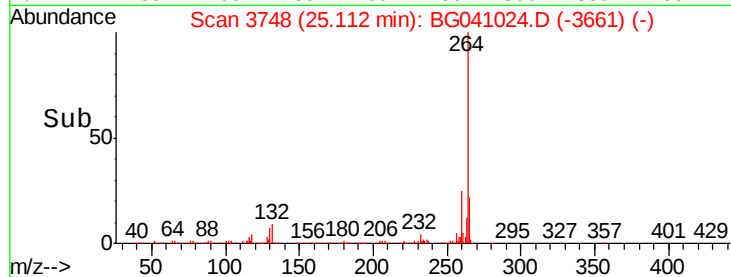
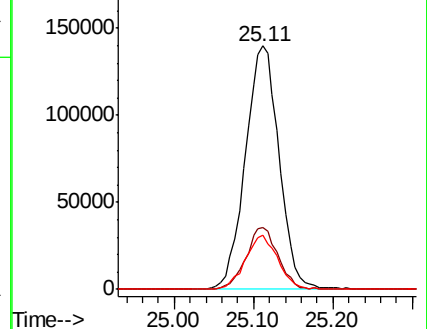
265 22.3 17.0 25.4



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: 40.545 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

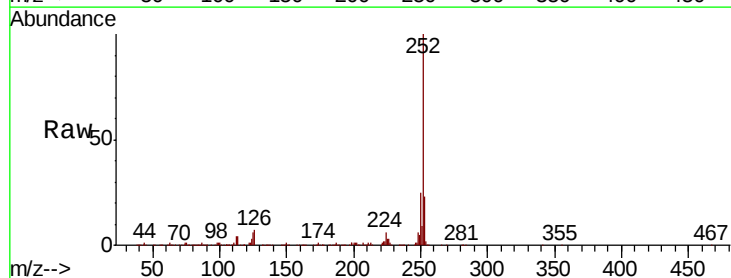
Tgt Ion:252 Resp: 1015384

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

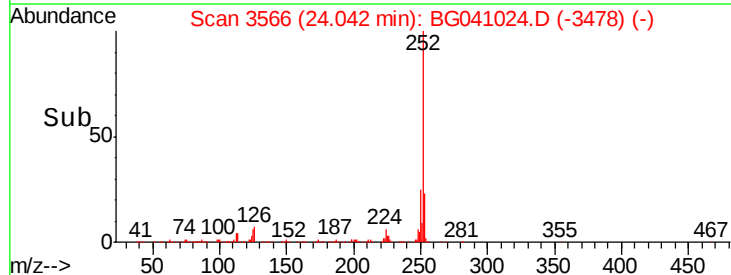
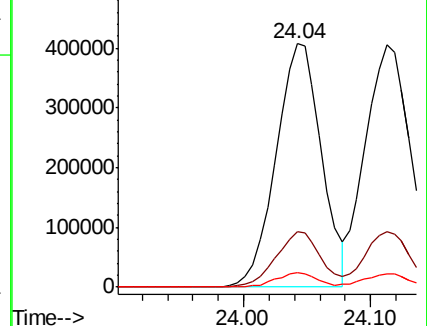
125 5.8 4.3 6.5

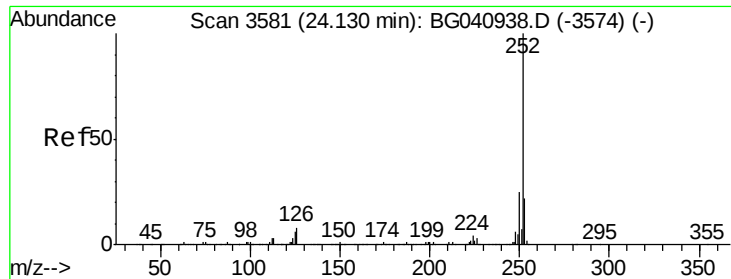


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

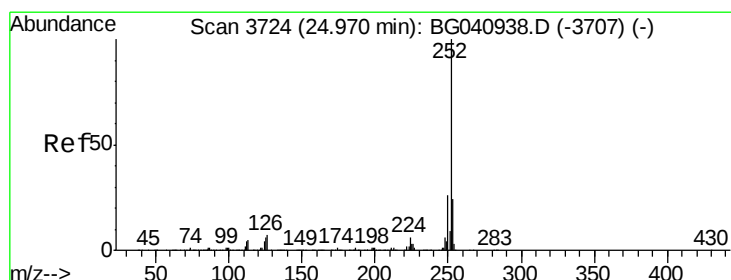
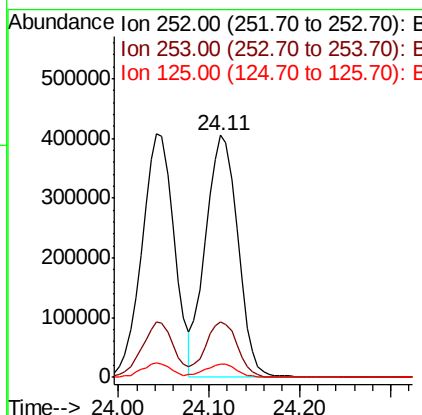
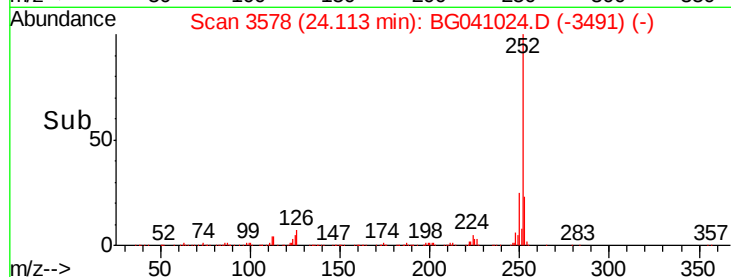
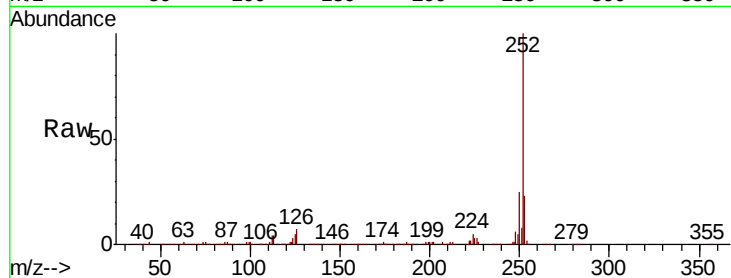




#89
Benzo(k)fluoranthene
Concen: 40.482 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.02 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

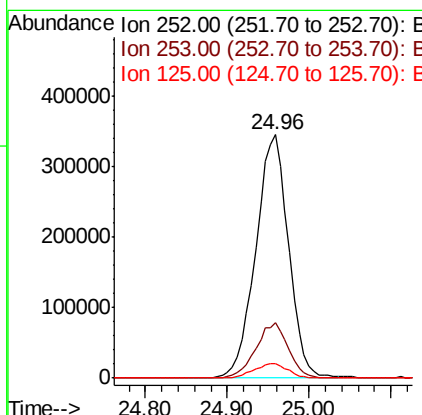
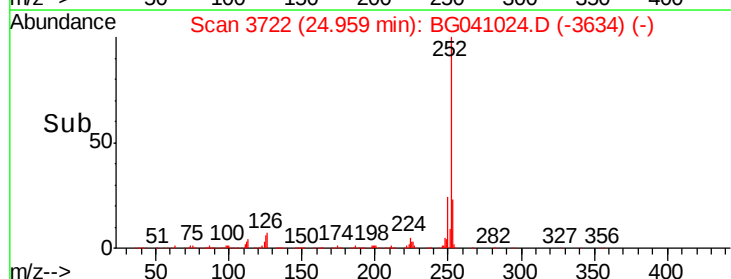
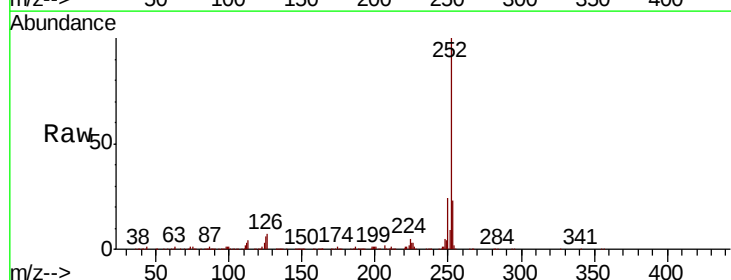
Instrument :
BNA_G
ClientSampled :

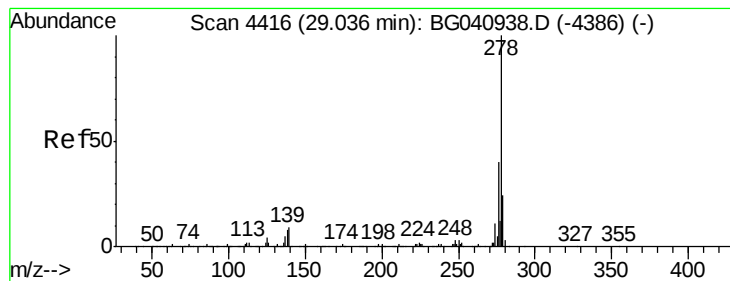
Tot Ion:252 Resp: 1003240
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 5.4 4.7 7.1



#90
Benzo(a)pyrene
Concen: 40.181 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041024.D
Acq: 3 Jun 2019 8:39

Tgt Ion:252 Resp: 960047
Ion Ratio Lower Upper
252 100
253 22.8 19.5 29.3
125 5.9 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 39.935 ng

RT: 29.02 min Scan# 4413

Delta R.T. -0.02 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

Instrument :

BNA_G

ClientSampled :

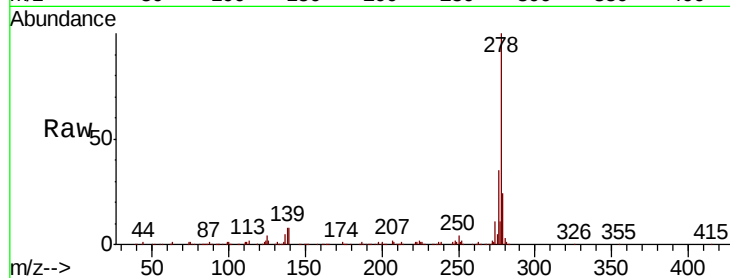
Tot Ion:278 Resp: 953412

Ion Ratio Lower Upper

278 100

139 8.1 7.1 10.7

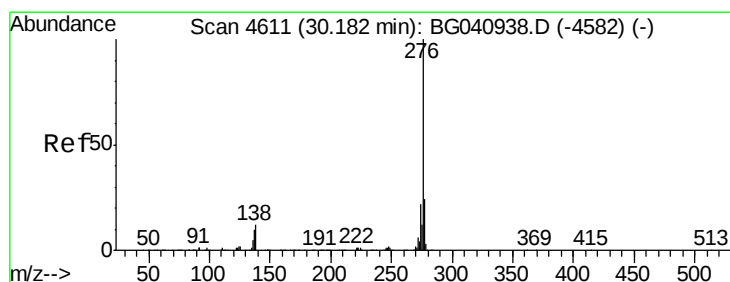
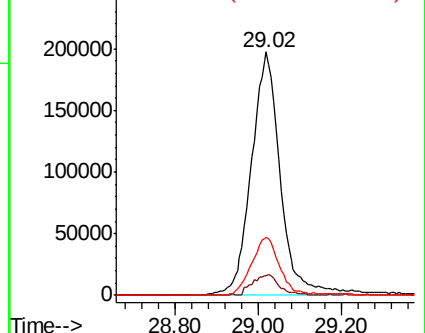
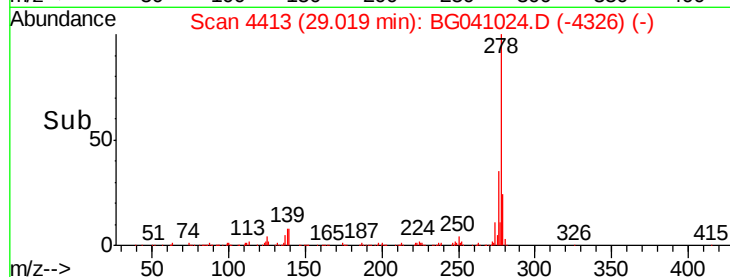
279 23.9 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.205 ng

RT: 30.15 min Scan# 4606

Delta R.T. -0.03 min

Lab File: BG041024.D

Acq: 3 Jun 2019 8:39

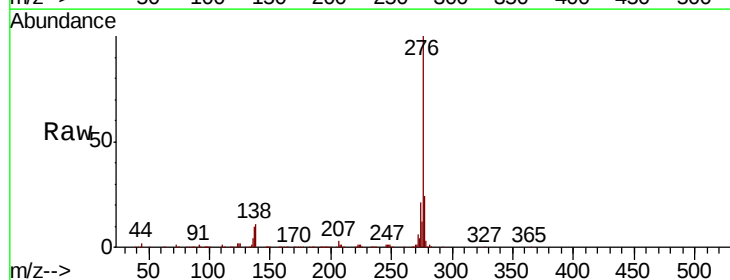
Tgt Ion:276 Resp: 909334

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 11.4 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

