

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041326.D
 Acq On : 19 Jun 2019 13:48
 Operator : HP/JU
 Sample : PB120729BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 15:15:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31610	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	124098	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	92332	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	237852	20.00	ng	0.00
76) Chrysene-d12	21.74	240	283859	20.00	ng	0.00
87) Perylene-d12	25.05	264	255148	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	148753	86.47	ng	0.00
7) Phenol-d6	7.23	99	209477	84.00	ng	0.00
23) Nitrobenzene-d5	9.26	82	210236	71.25	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	113540	80.10	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	471394	69.39	ng	0.00
79) Terphenyl-d14	20.06	244	974374	68.03	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	28955	33.565	ng	94
3) Pyridine	3.88	79	74668	32.627	ng	95
4) n-Nitrosodimethylamine	3.79	42	47660	39.052	ng	# 98
6) Aniline	7.40	93	79780	23.017	ng	95
8) 2-Chlorophenol	7.64	128	87852	43.460	ng	94
10) Phenol	7.26	94	114738	42.788	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	77794	38.234	ng	97
12) 1,3-Dichlorobenzene	7.96	146	96497	38.126	ng	98
13) 1,4-Dichlorobenzene	8.11	146	98822	38.223	ng	94
14) 1,2-Dichlorobenzene	8.43	146	93336	37.796	ng	97
15) Benzyl Alcohol	8.32	79	94228	39.439	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	123946	37.213	ng	97
17) 2-Methylphenol	8.52	107	80456	41.967	ng	96
18) Hexachloroethane	9.16	117	37431	36.535	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	74724	37.050	ng	99
20) 3+4-Methylphenols	8.85	107	109308	42.830	ng	93
22) Acetophenone	8.91	105	143182	39.649	ng	# 95
24) Nitrobenzene	9.30	77	119319	40.206	ng	96
25) Isophorone	9.82	82	210375	38.861	ng	98
26) 2-Nitrophenol	10.01	139	50708	42.146	ng	97
27) 2,4-Dimethylphenol	10.06	122	85436	47.373	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	109564	38.843	ng	98
29) 2,4-Dichlorophenol	10.55	162	100218	44.817	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	115521	40.337	ng	98
31) Naphthalene	10.95	128	277774	41.185	ng	98
32) Benzoic acid	10.21	122	49793	42.413	ng	96
33) 4-Chloroaniline	11.07	127	65674	22.928	ng	# 95
34) Hexachlorobutadiene	11.21	225	83219	36.608	ng	97
35) Caprolactam	11.86	113	22210	28.851	ng	# 83
36) 4-Chloro-3-methylphenol	12.18	107	111380	43.121	ng	96
37) 2-Methylnaphthalene	12.55	142	206421	41.554	ng	99
38) 1-Methylnaphthalene	12.77	142	196407	41.325	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	153078	40.150	ng	98
41) Hexachlorocyclopentadiene	12.87	237	152875	59.527	ng	100

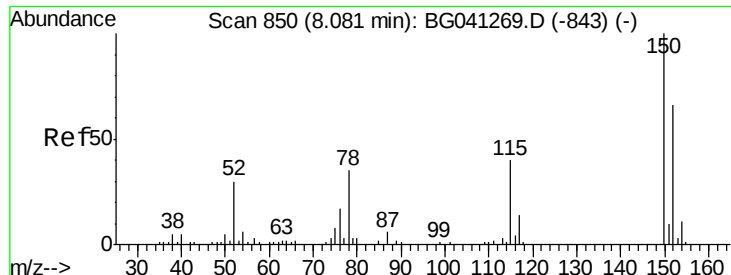
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041326.D
 Acq On : 19 Jun 2019 13:48
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.15	196	96117	40.752	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	104857	43.208	ng	98
46) 1,1'-Biphenyl	13.55	154	285136	40.849	ng	100
47) 2-Chloronaphthalene	13.60	162	236385	39.334	ng	97
48) 2-Nitroaniline	13.81	65	85876	39.018	ng	92
49) Acenaphthylene	14.44	152	364496	39.970	ng	99
50) Dimethylphthalate	14.17	163	306648	37.326	ng	99
51) 2,6-Dinitrotoluene	14.29	165	70506	40.702	ng	96
52) Acenaphthene	14.78	154	216687	40.465	ng	96
53) 3-Nitroaniline	14.64	138	49758	29.155	ng	# 99
54) 2,4-Dinitrophenol	14.84	184	81976	66.674	ng	88
55) Dibenzofuran	15.11	168	380057	40.820	ng	98
56) 4-Nitrophenol	14.93	139	108316	83.401	ng	93
57) 2,4-Dinitrotoluene	15.08	165	99945	39.470	ng	97
58) Fluorene	15.76	166	295021	40.281	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	109955	43.814	ng	98
60) Diethylphthalate	15.52	149	320174	38.343	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	186077	39.049	ng	97
62) 4-Nitroaniline	15.80	138	70728	38.748	ng	98
63) Azobenzene	16.04	77	299524	40.208	ng	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	58585	37.947	ng	94
66) n-Nitrosodiphenylamine	15.96	169	267130	42.297	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	123143	40.040	ng	95
68) Hexachlorobenzene	16.76	284	130001	39.474	ng	97
69) Atrazine	16.91	200	105796	49.252	ng	95
70) Pentachlorophenol	17.11	266	152444	90.397	ng	97
71) Phenanthrene	17.51	178	529468	41.738	ng	99
72) Anthracene	17.60	178	541448	43.294	ng	99
73) Carbazole	17.87	167	470255	42.984	ng	97
74) Di-n-butylphthalate	18.40	149	554541	40.624	ng	99
75) Fluoranthene	19.51	202	713163	42.317	ng	99
77) Benzidine	19.69	184	195313	28.447	ng	99
78) Pyrene	19.87	202	715271	37.363	ng	100
80) Butylbenzylphthalate	20.73	149	268611	37.096	ng	96
81) Benzo(a)anthracene	21.72	228	701364	36.492	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	191278	28.351	ng	98
83) Chrysene	21.79	228	684656	37.042	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	363896	36.876	ng	98
85) Di-n-octyl phthalate	22.82	149	622646	37.295	ng	100
86) Indeno(1,2,3-cd)pyrene	28.85	276	781297	35.628	ng	99
88) Benzo(b)fluoranthene	23.99	252	697286	44.097	ng	98
89) Benzo(k)fluoranthene	24.06	252	689800	44.036	ng	99
90) Benzo(a)pyrene	24.89	252	683307	45.757	ng	98
91) Dibenzo(a,h)anthracene	28.92	278	656380	43.659	ng	98
92) Benzo(g,h,i)perylene	30.06	276	629994	42.402	ng	97

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

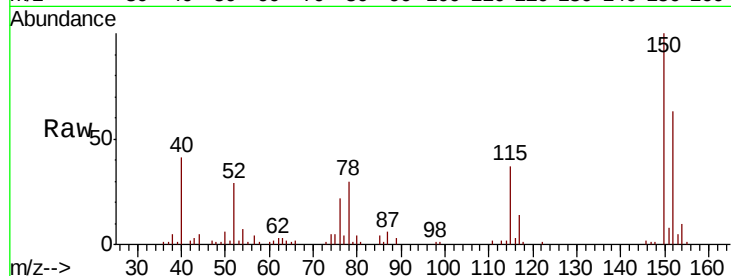


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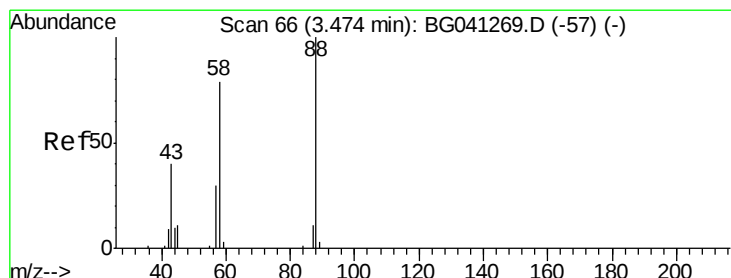
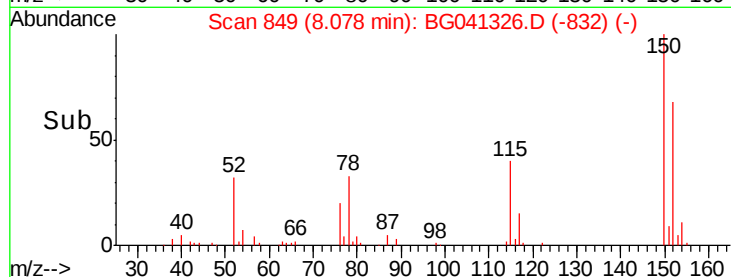
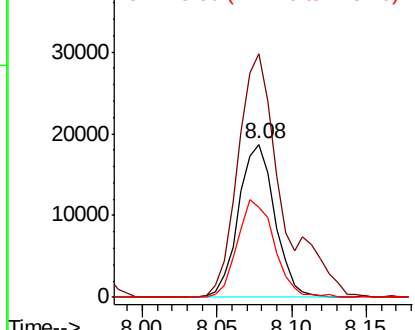
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31610
Ion Ratio Lower Upper
152 100
150 159.4 120.6 181.0
115 59.2 47.9 71.9



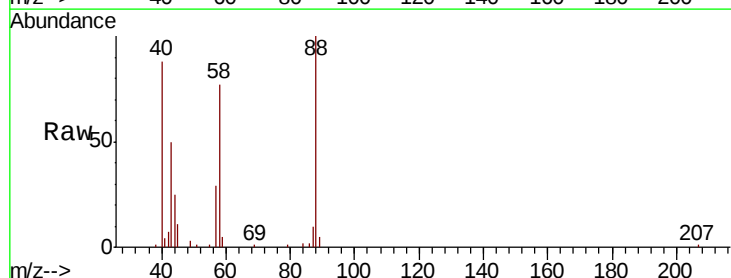
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



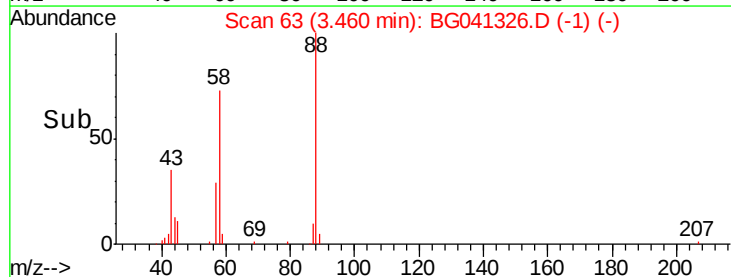
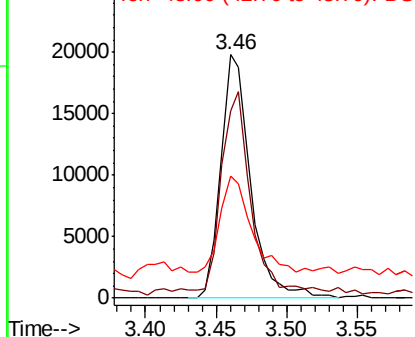
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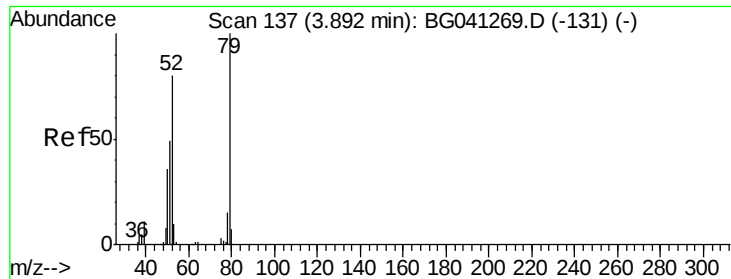
1,4-Dioxane
Concen: 33.565 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion: 88 Resp: 28955
Ion Ratio Lower Upper
88 100
58 77.7 59.7 89.5
43 46.8 31.9 47.9



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





#3

Pvridine

Concen: 32.627 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

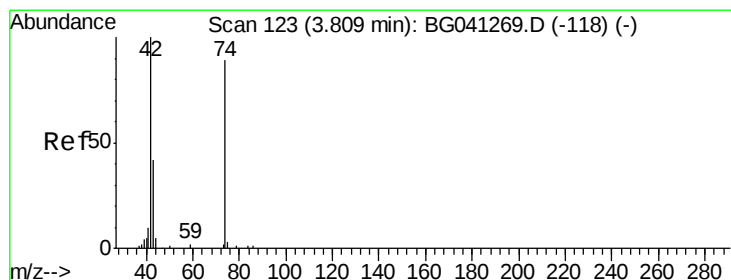
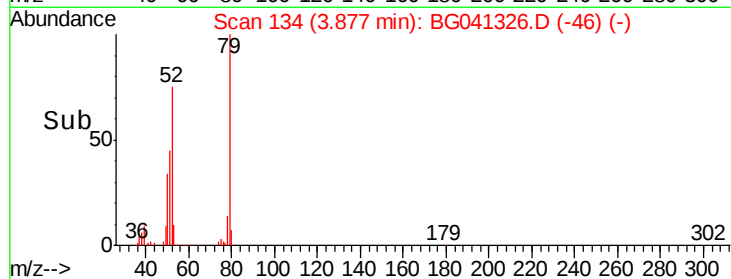
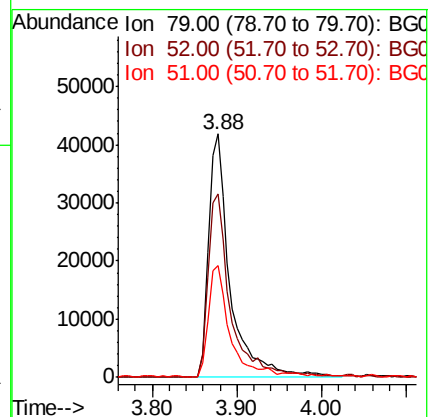
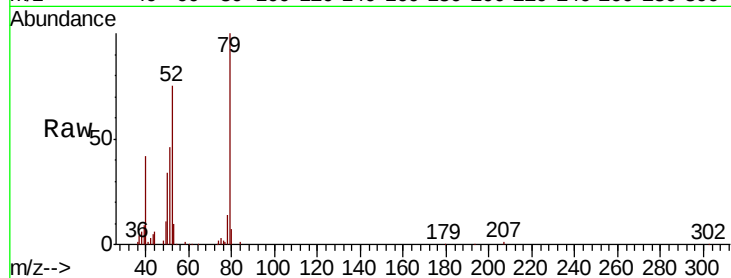
Tot Ion: 79 Resp: 74668

Ion Ratio Lower Upper

79 100

52 75.3 63.6 95.4

51 46.0 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 39.052 ng

RT: 3.79 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

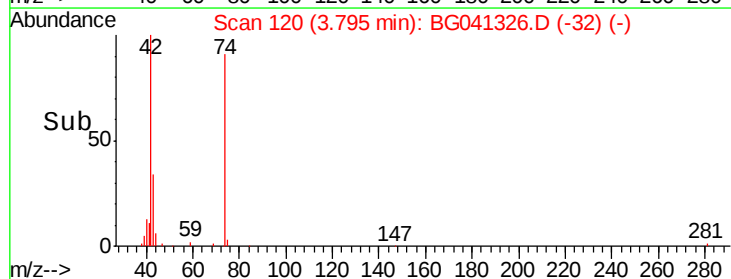
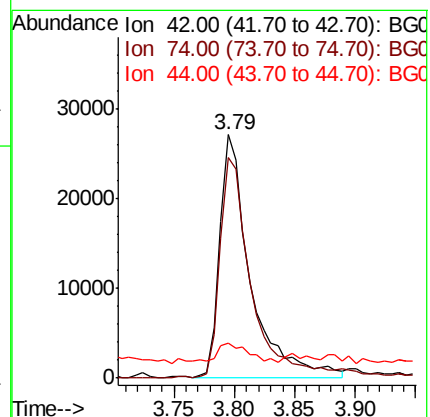
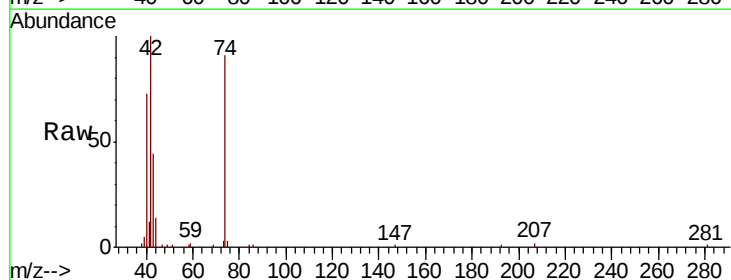
Tgt Ion: 42 Resp: 47660

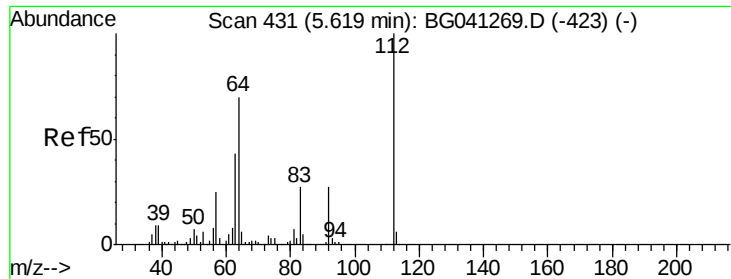
Ion Ratio Lower Upper

42 100

74 90.7 71.6 107.4

44 14.3 9.0 13.4#





#5

2-Fluorophenol

Concen: 86.467 ng

RT: 5.62 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampled :

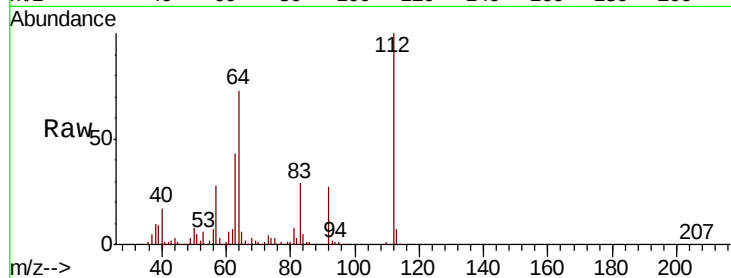
Tot Ion:112 Resp: 148753

Ion Ratio Lower Upper

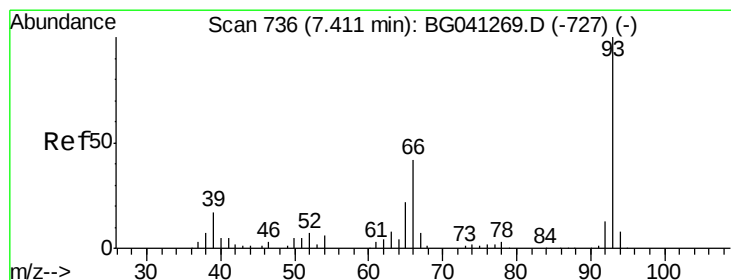
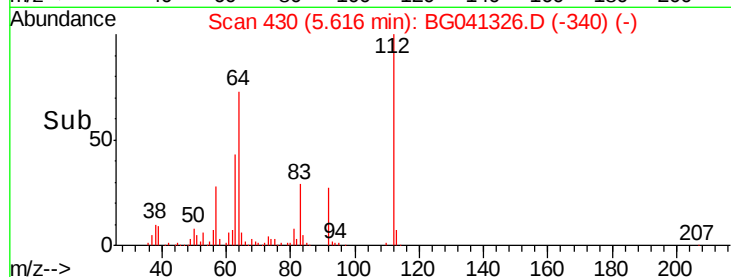
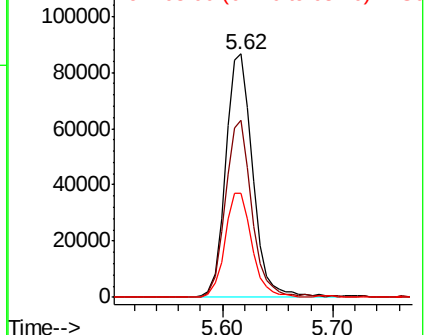
112 100

64 72.7 55.9 83.9

63 42.7 34.6 51.8



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



#6

Aniline

Concen: 23.017 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

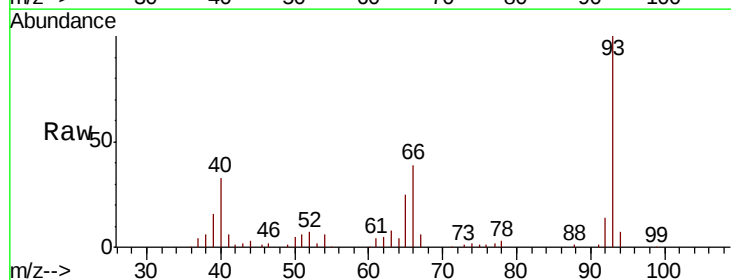
Tgt Ion: 93 Resp: 79780

Ion Ratio Lower Upper

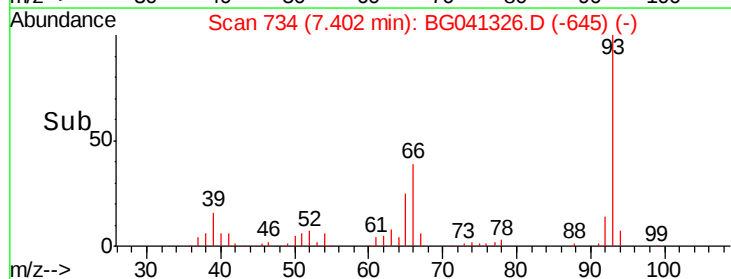
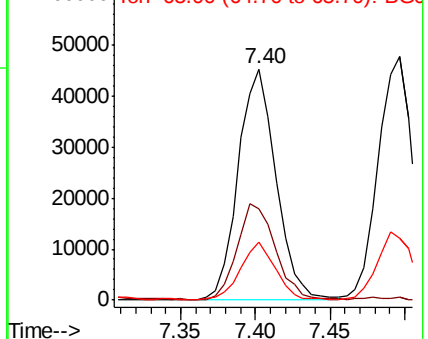
93 100

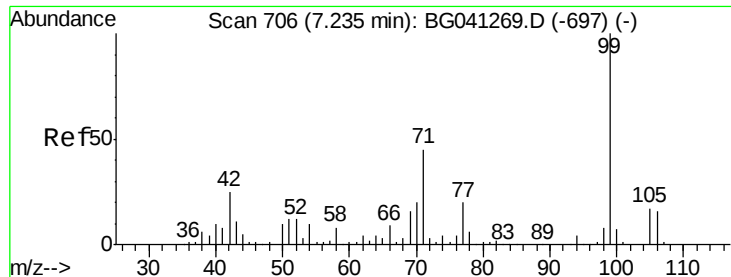
66 39.5 34.2 51.2

65 25.1 17.7 26.5



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





#7

Phenol-d6

Concen: 84.004 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

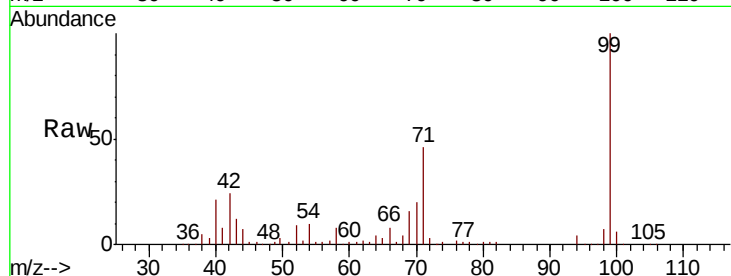
Tot Ion: 99 Resp: 209477

Ion Ratio Lower Upper

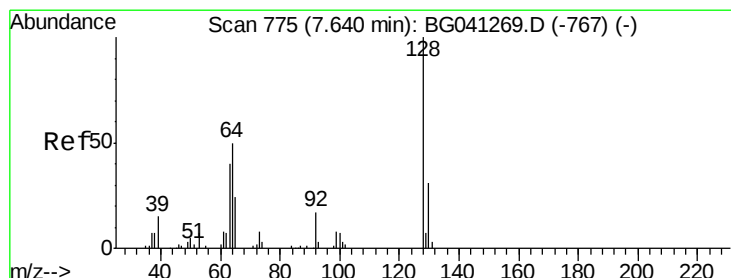
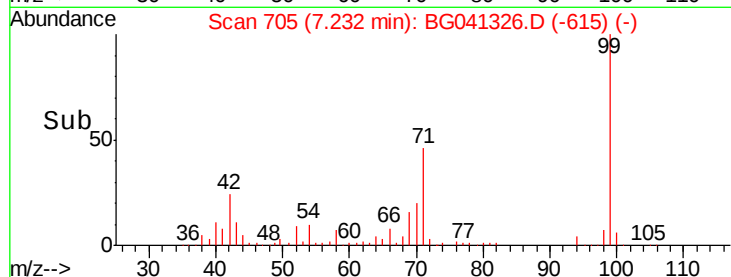
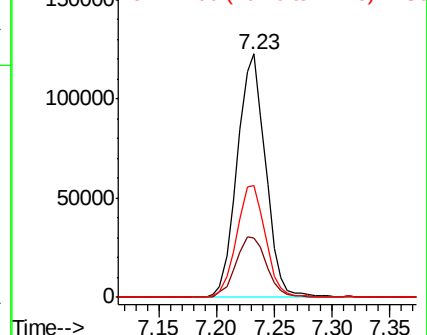
99 100

42 24.4 19.9 29.9

71 45.7 36.4 54.6



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



#8

2-Chlorophenol

Concen: 43.460 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

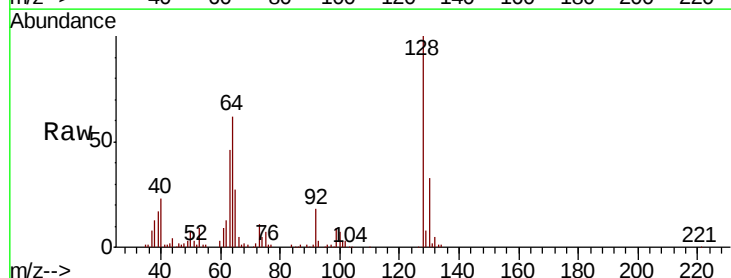
Tgt Ion:128 Resp: 87852

Ion Ratio Lower Upper

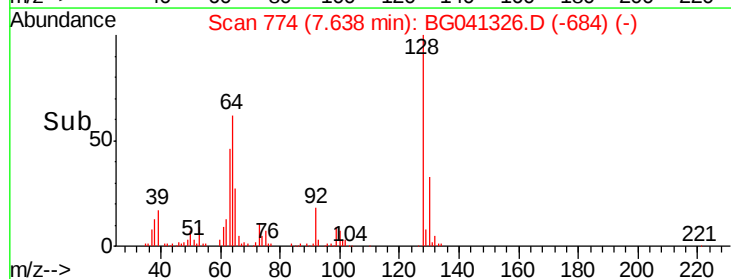
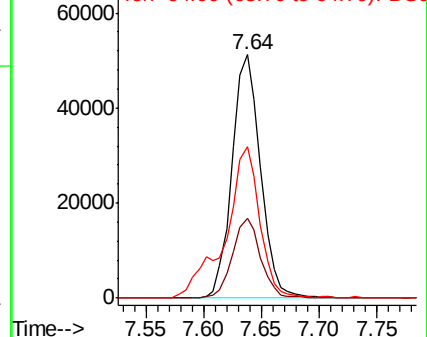
128 100

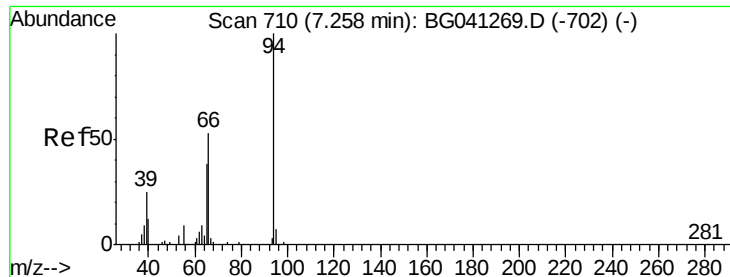
130 32.7 11.1 51.1

64 62.2 36.6 76.6



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





#10

Phenol

Concen: 42.788 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

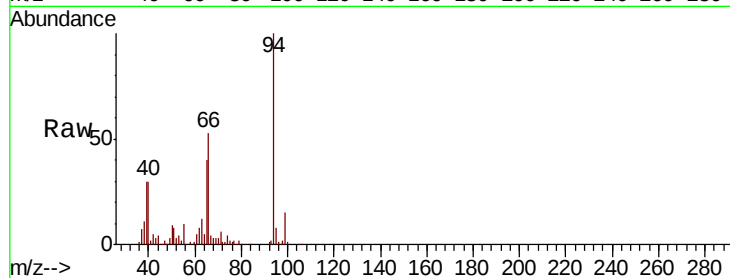
Tot Ion: 94 Resp: 114738

Ion Ratio Lower Upper

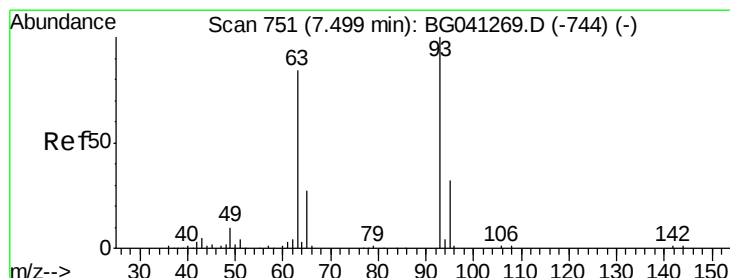
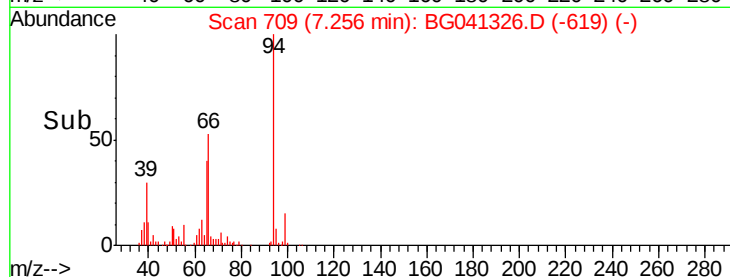
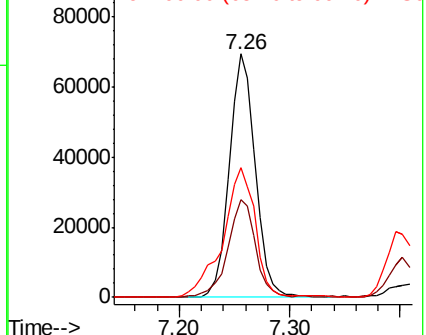
94 100

65 40.3 18.7 58.7

66 53.1 35.5 75.5



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



#11

bis(2-Chloroethyl)ether

Concen: 38.234 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

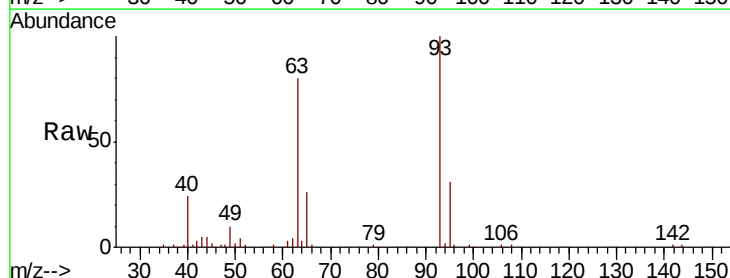
Tgt Ion: 93 Resp: 77794

Ion Ratio Lower Upper

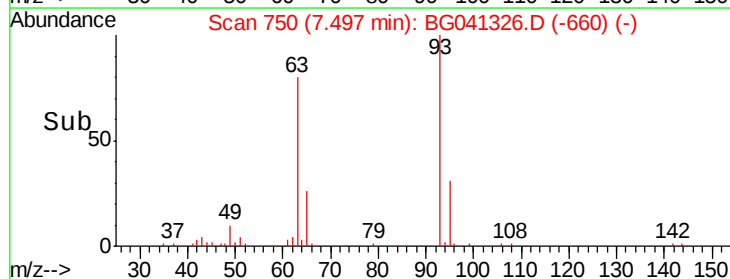
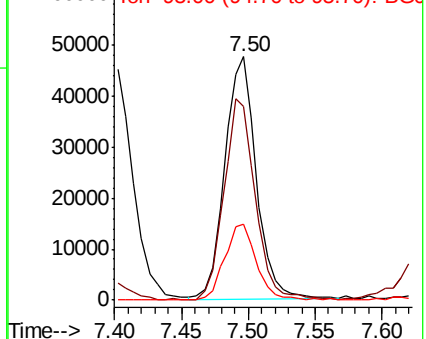
93 100

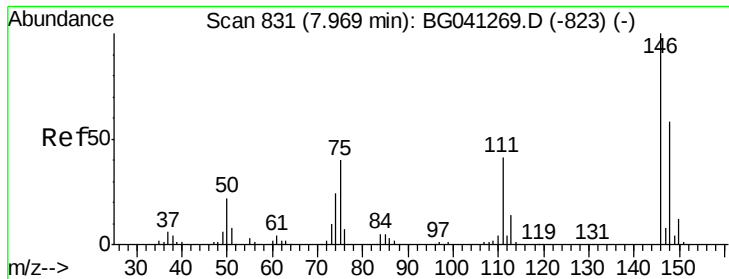
63 79.6 63.6 103.6

95 31.0 11.2 51.2



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: 38.126 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

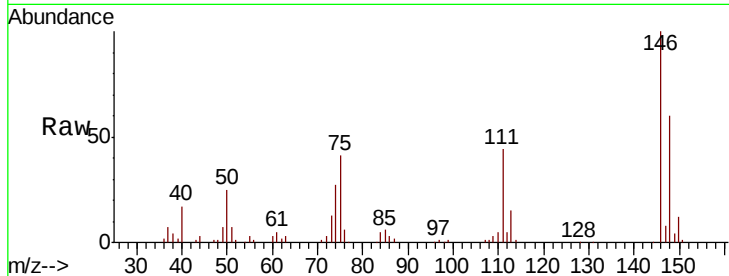
Tot Ion:146 Resp: 96497

Ion Ratio Lower Upper

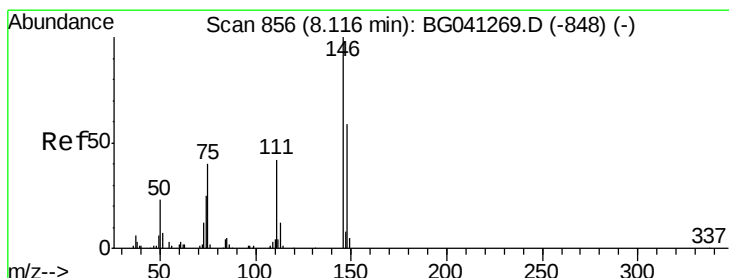
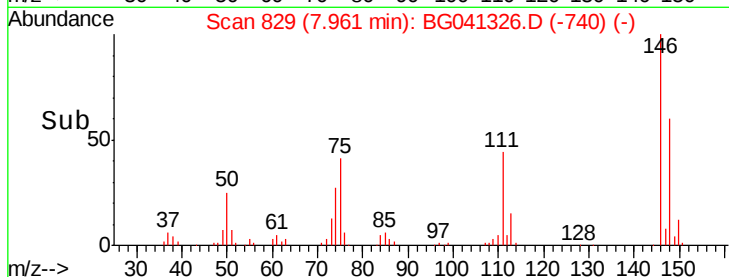
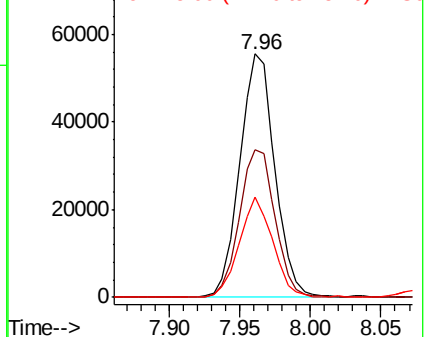
146 100

148 60.5 46.5 69.7

75 41.0 32.2 48.4



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: 38.223 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

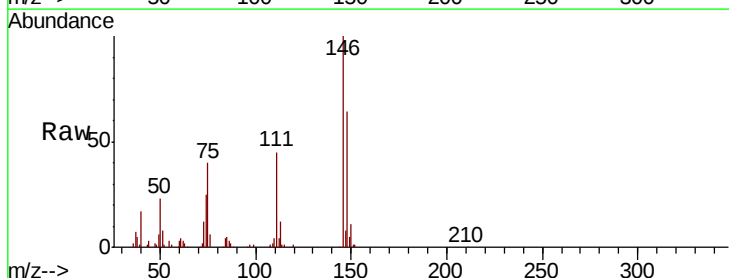
Tgt Ion:146 Resp: 98822

Ion Ratio Lower Upper

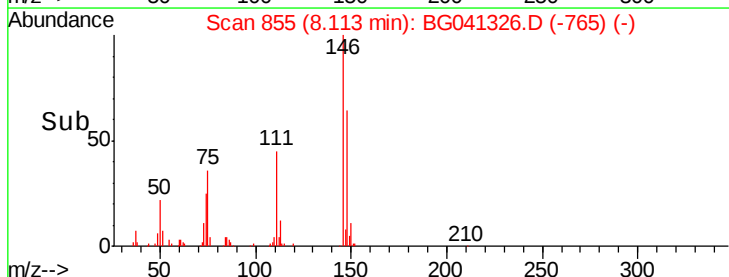
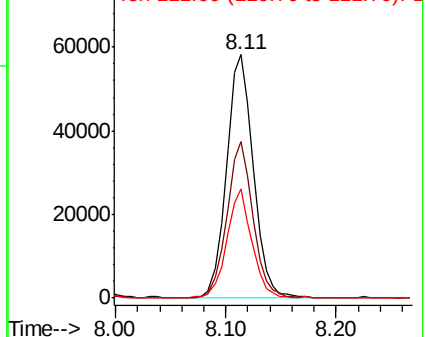
146 100

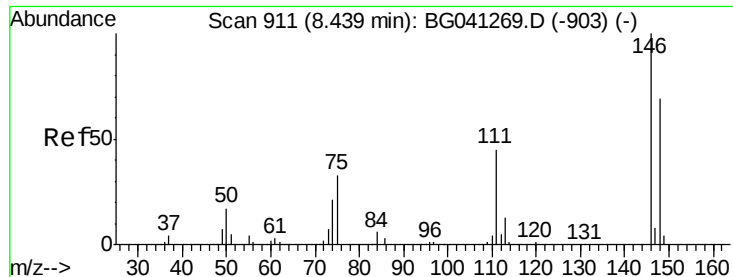
148 64.3 47.3 70.9

111 44.7 33.4 50.0



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: 37.796 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

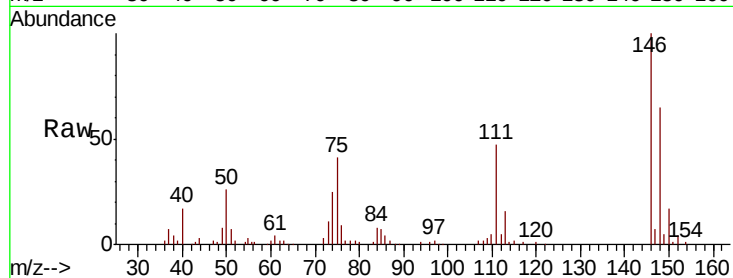
Tot Ion:146 Resp: 93336

Ion Ratio Lower Upper

146 100

148 64.9 54.9 82.3

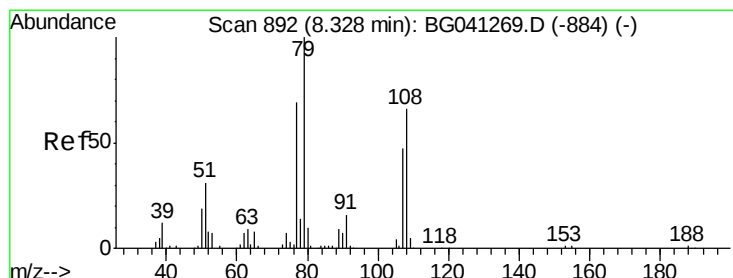
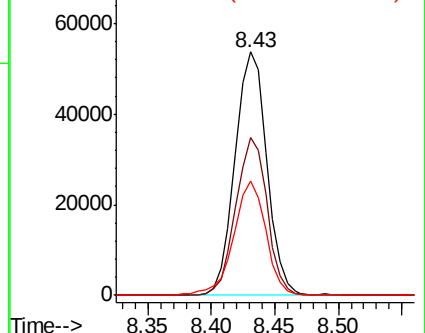
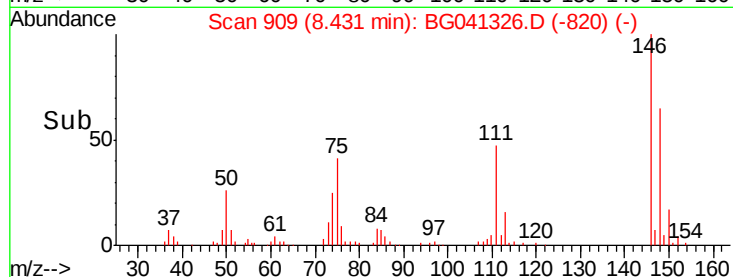
111 46.9 37.0 55.6



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: 39.439 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

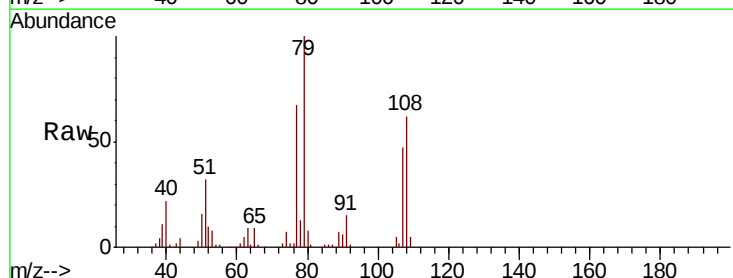
Tgt Ion: 79 Resp: 94228

Ion Ratio Lower Upper

79 100

108 62.4 52.7 79.1

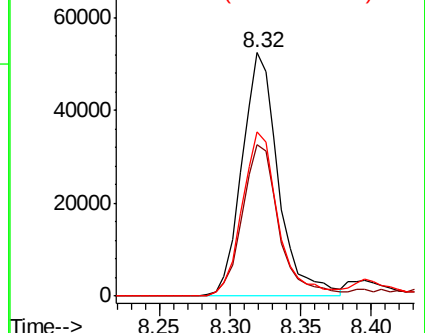
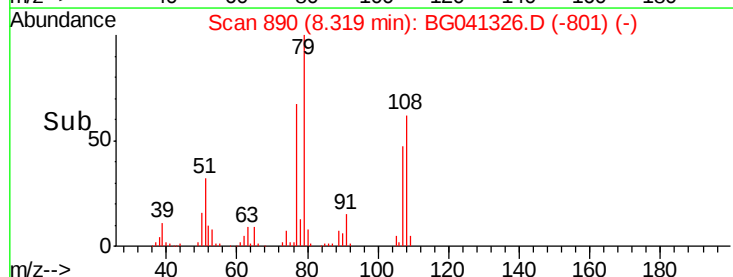
77 67.2 55.2 82.8

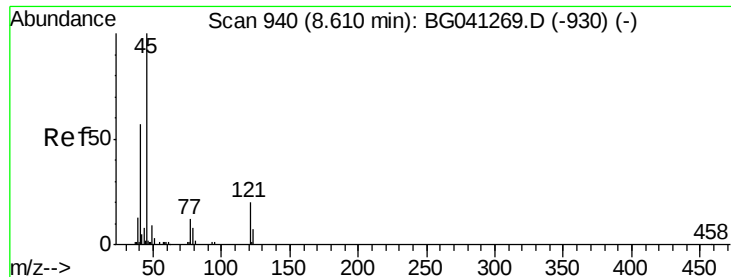


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

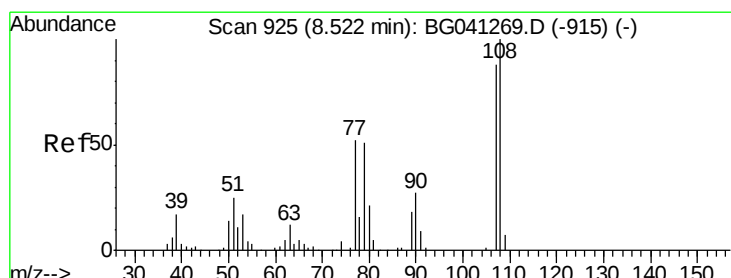
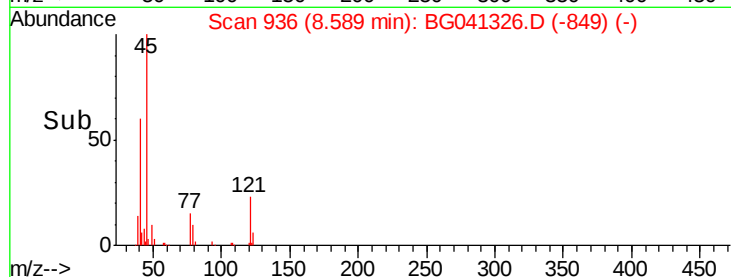
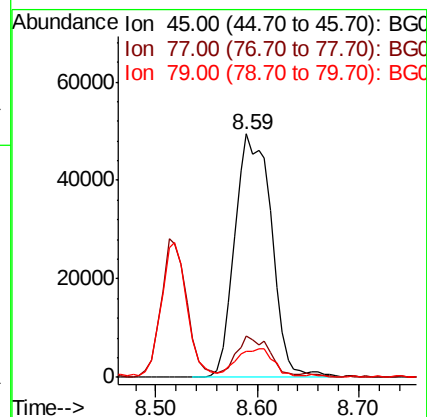
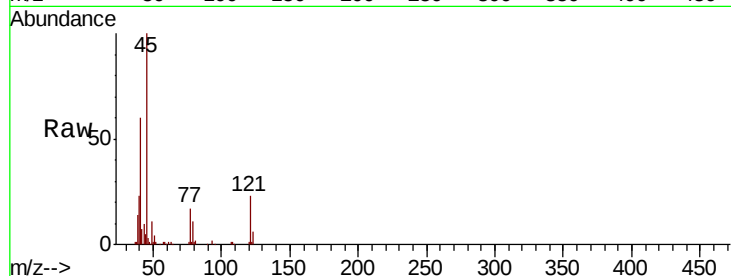




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 37.213 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

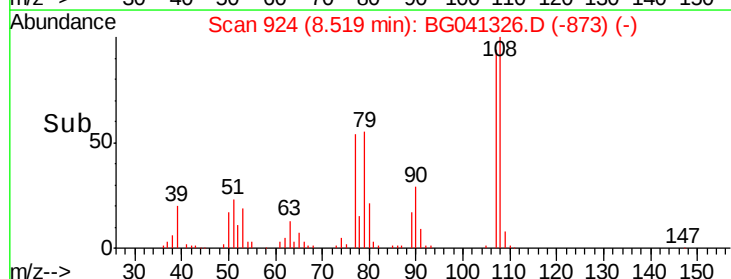
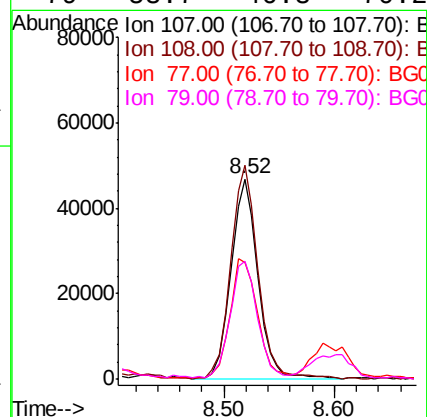
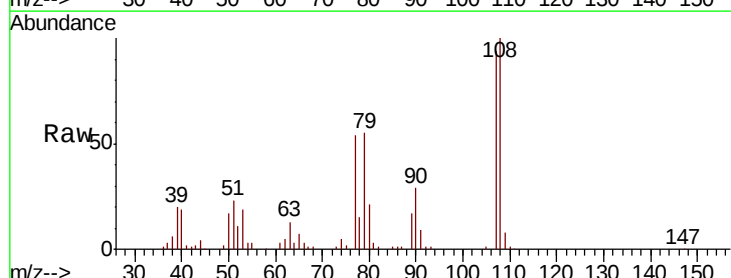
Instrument :
BNA_G
ClientSampleId :

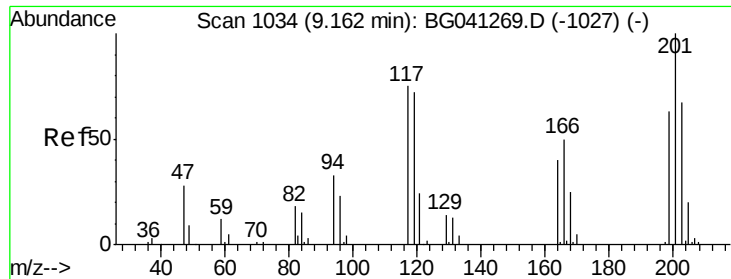
Tot Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	35.2
79	10.8	0.0	31.6



#17
2-Methylphenol
Concen: 41.967 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	106.9	91.7	137.5
77	58.1	47.8	71.8
79	58.7	46.8	70.2

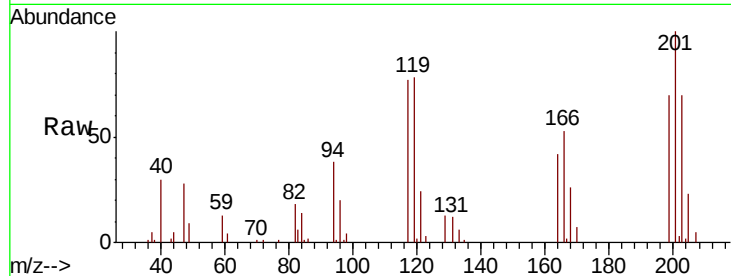




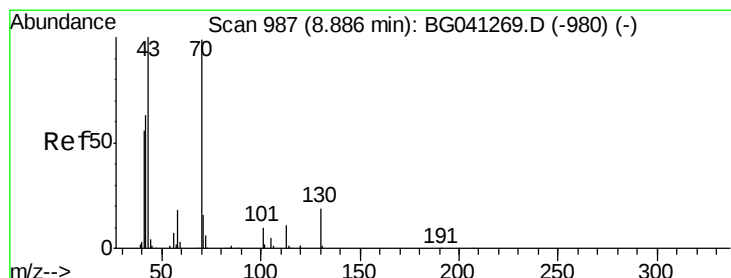
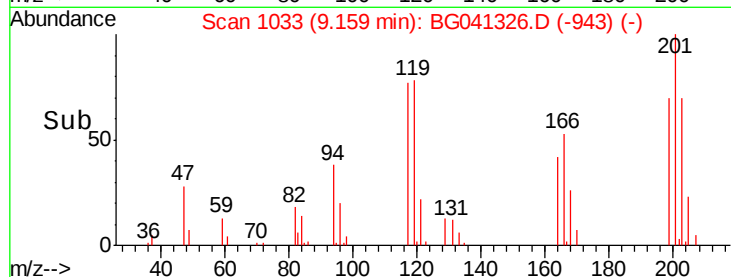
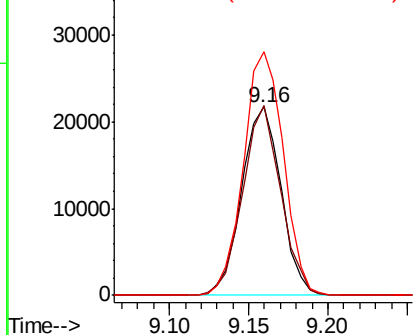
#18
Hexachloroethane
Concen: 36.535 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:117 Resp: 37431
Ion Ratio Lower Upper
117 100
119 100.8 76.8 115.2
201 133.4 106.3 159.5

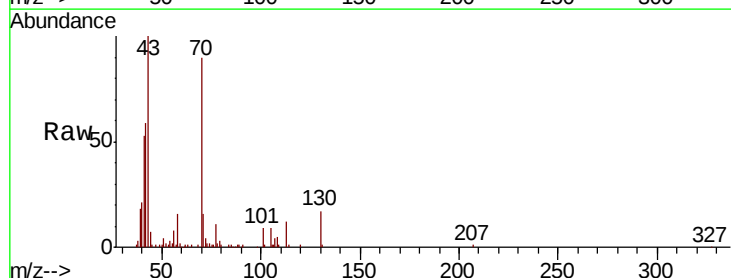


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

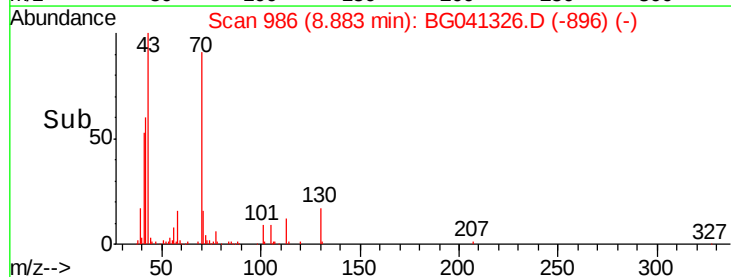
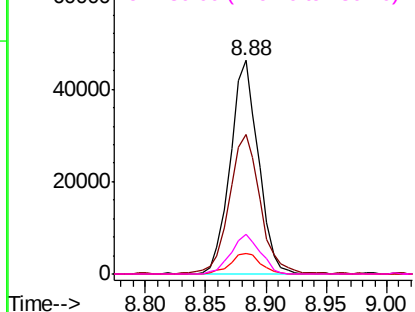


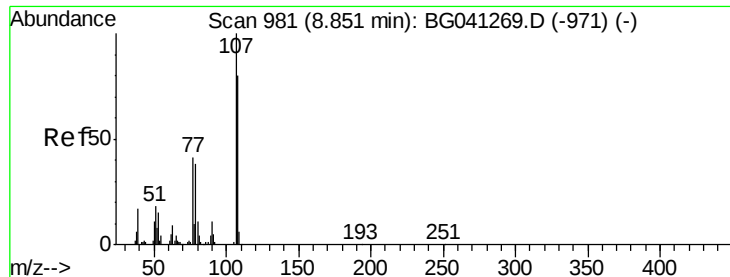
#19
n-Nitroso-di-n-propylamine
Concen: 37.050 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion: 70 Resp: 74724
Ion Ratio Lower Upper
70 100
42 65.4 51.4 77.2
101 9.7 8.2 12.2
130 18.3 15.2 22.8



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





#20

3+4-Methylphenols

Concen: 42.830 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 109308

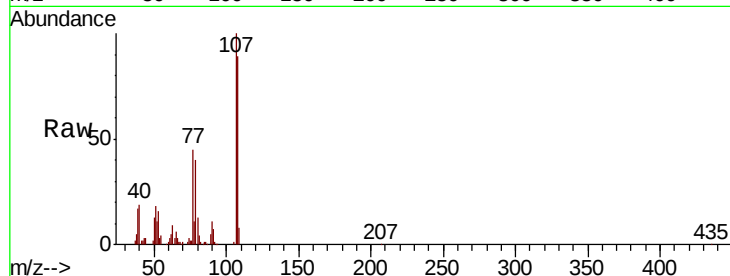
Ion Ratio Lower Upper

107 100

108 88.6 60.4 100.4

77 45.1 21.2 61.2

79 39.6 17.7 57.7

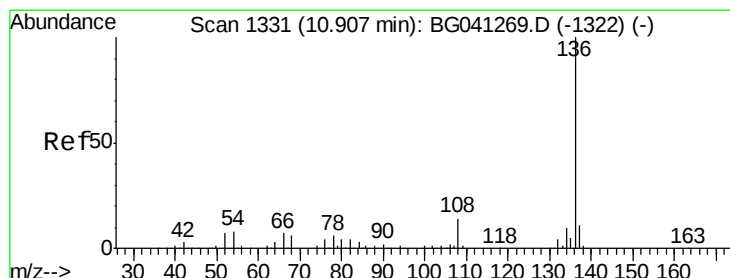
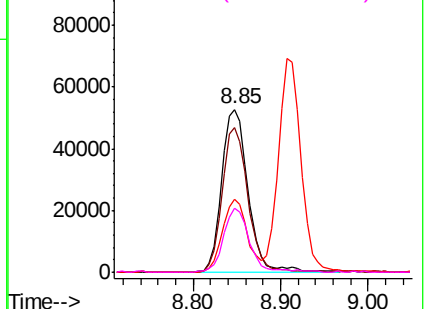
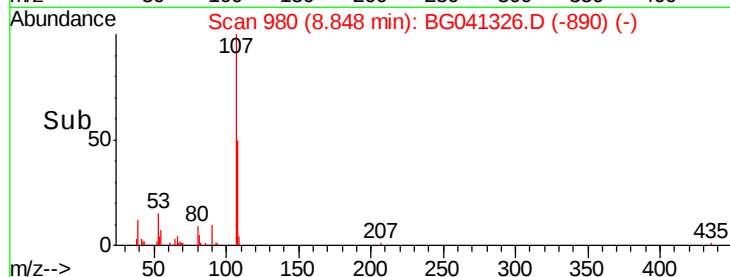


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion:136 Resp: 124098

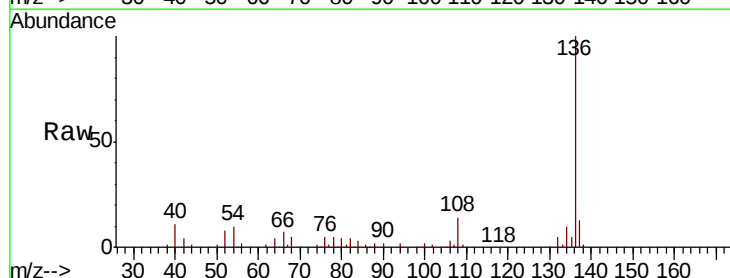
Ion Ratio Lower Upper

136 100

137 12.6 8.8 13.2

54 9.5 6.4 9.6

68 5.2 4.8 7.2

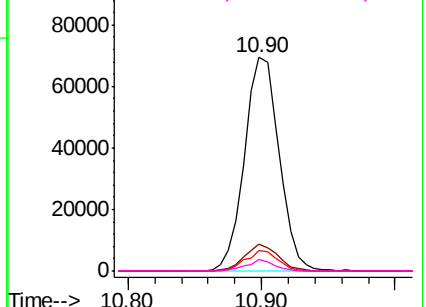
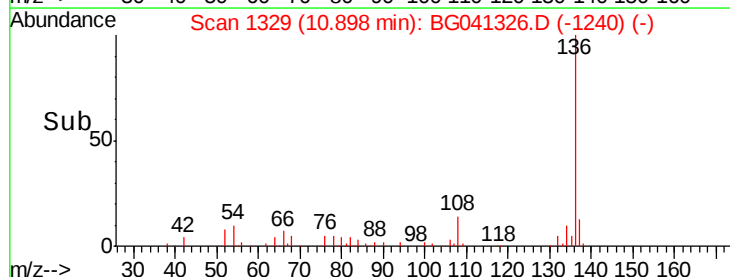


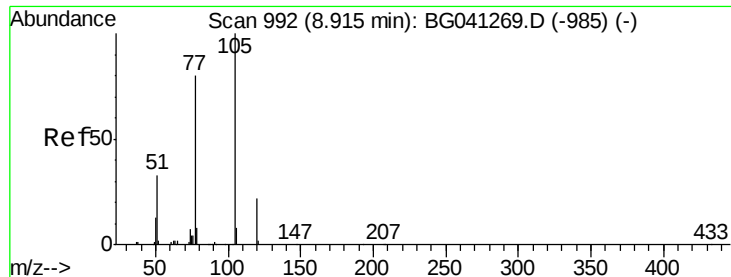
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 39.649 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 143182

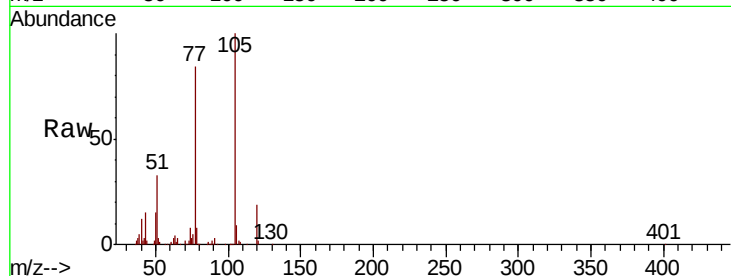
Ion Ratio Lower Upper

105 100

71 0.3 0.4 0.6#

51 32.7 28.2 42.4

120 19.1 17.4 26.0

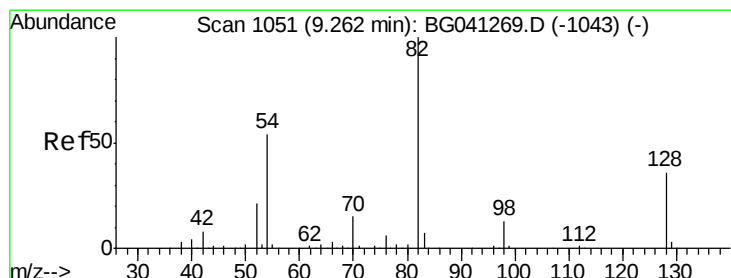
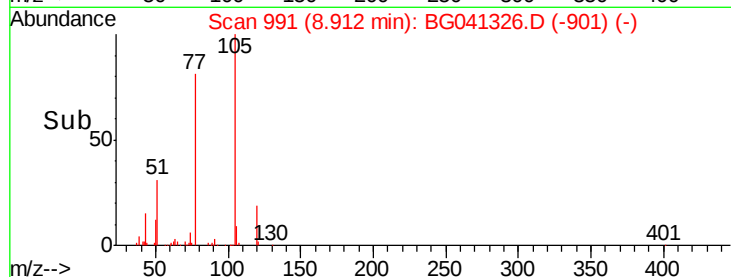
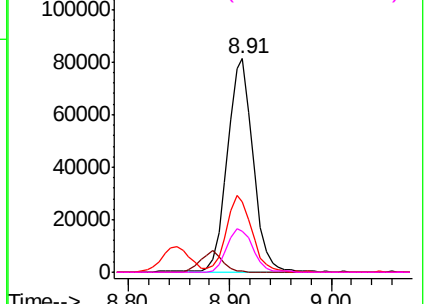


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 71.248 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

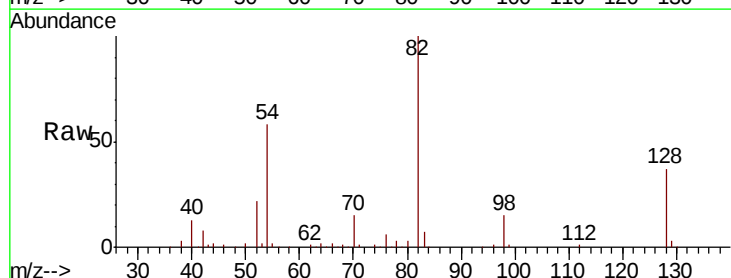
Tgt Ion: 82 Resp: 210236

Ion Ratio Lower Upper

82 100

128 37.4 29.2 43.8

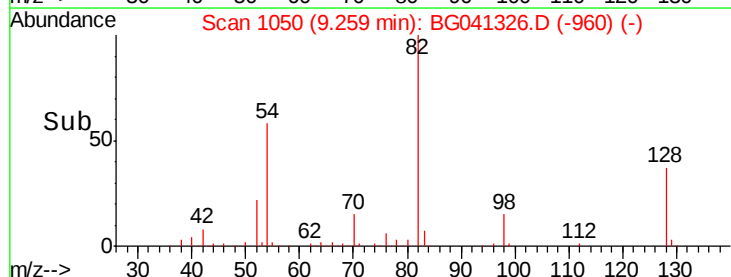
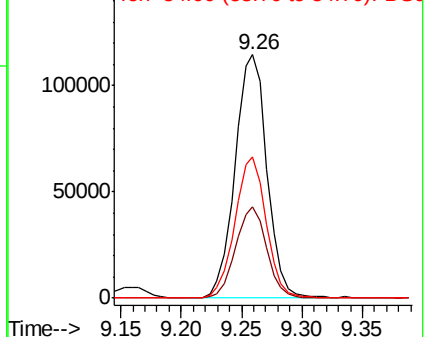
54 57.9 43.4 65.0

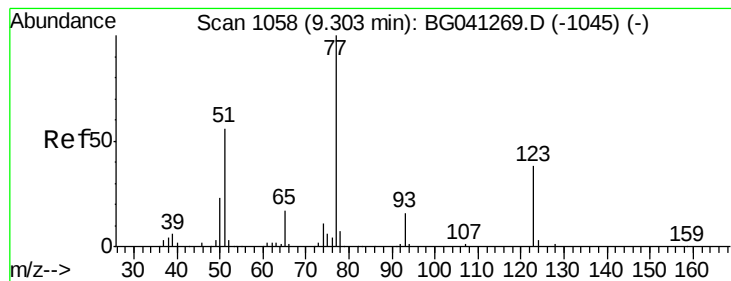


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 40.206 ng

RT: 9.30 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

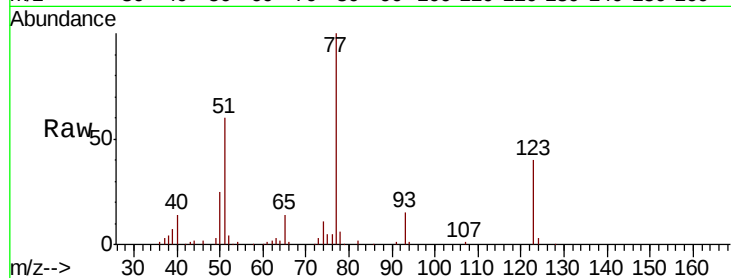
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 119319

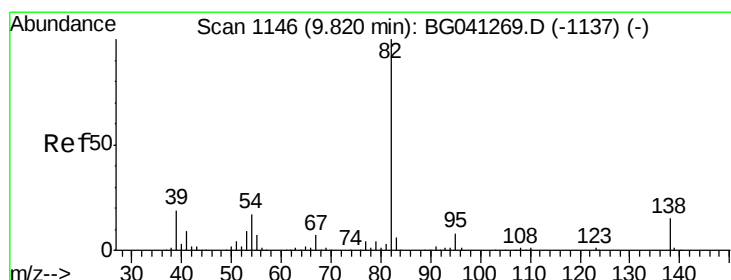
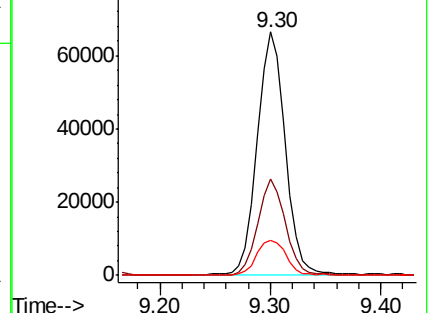
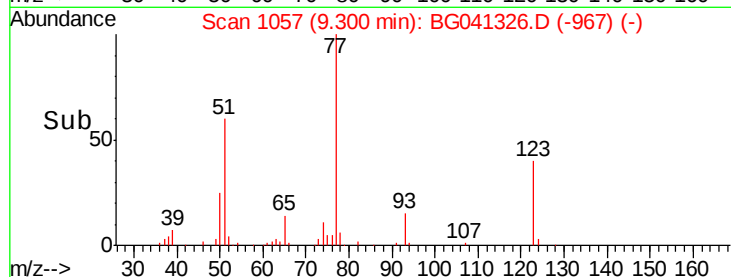
Ion	Ratio	Lower	Upper
77	100		
123	39.8	30.4	45.6
65	14.3	13.3	19.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 38.861 ng

RT: 9.82 min Scan# 1145

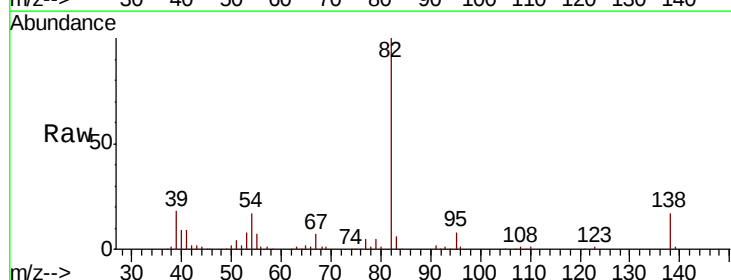
Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion: 82 Resp: 210375

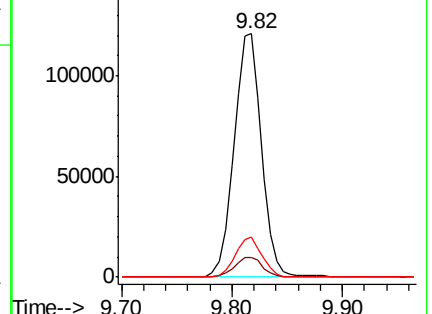
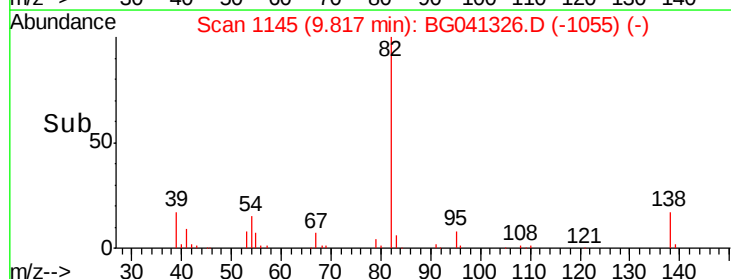
Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.6	10.0
138	16.6	12.3	18.5

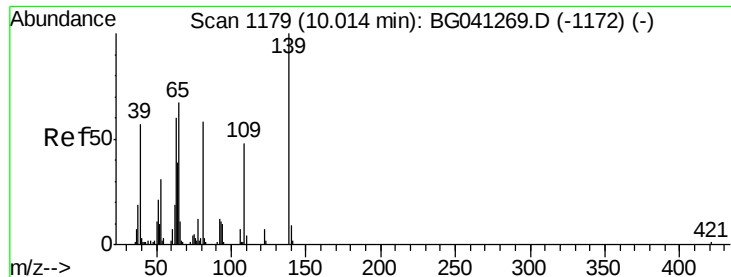


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC





#26

2-Nitrophenol

Concen: 42.146 ng

RT: 10.01 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

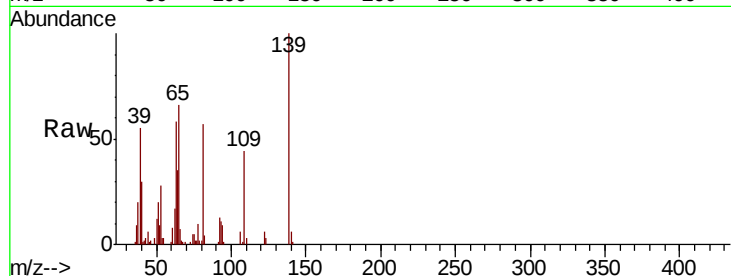
Tot Ion:139 Resp: 50708

Ion Ratio Lower Upper

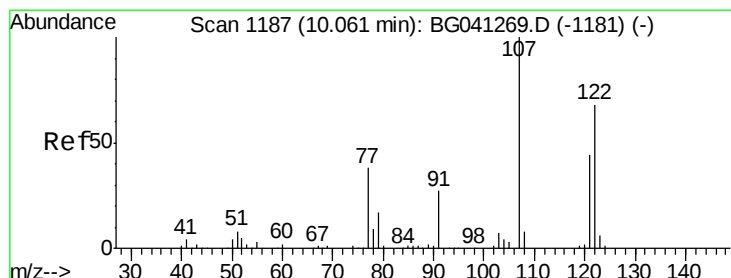
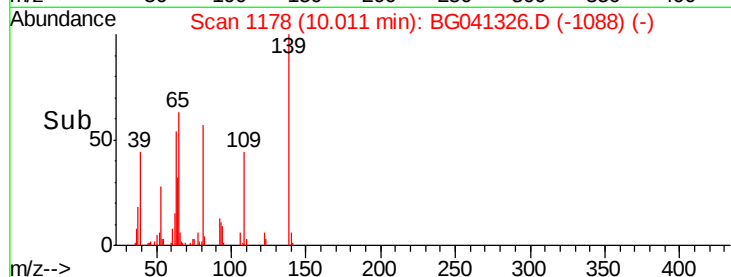
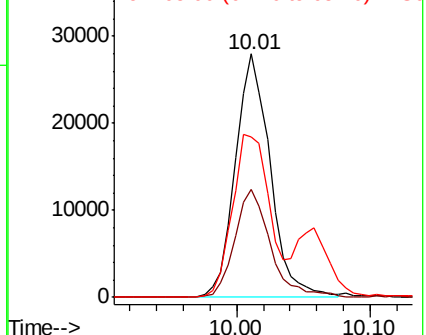
139 100

109 44.4 38.4 57.6

65 65.8 53.6 80.4



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): B



#27

2,4-Dimethylphenol

Concen: 47.373 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

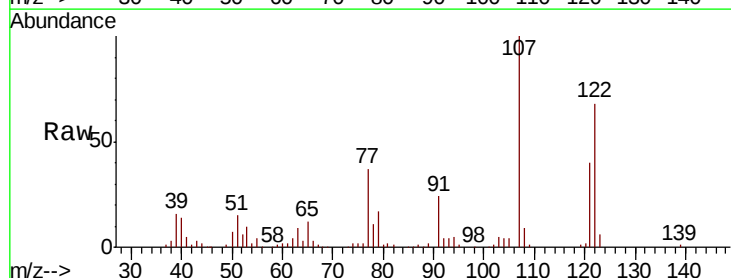
Tgt Ion:122 Resp: 85436

Ion Ratio Lower Upper

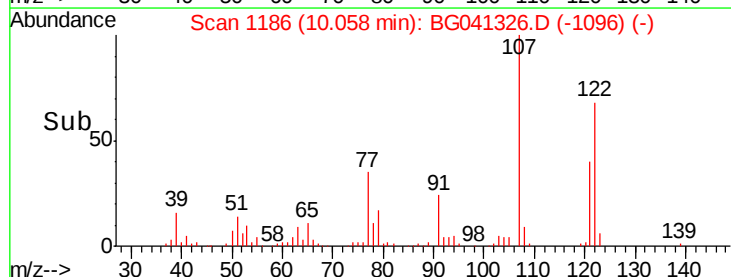
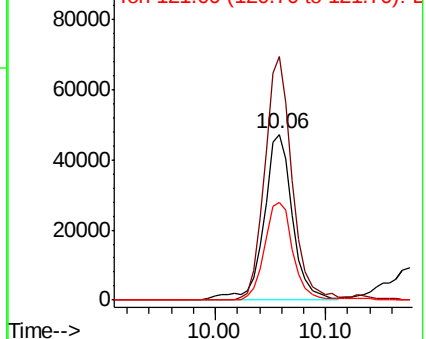
122 100

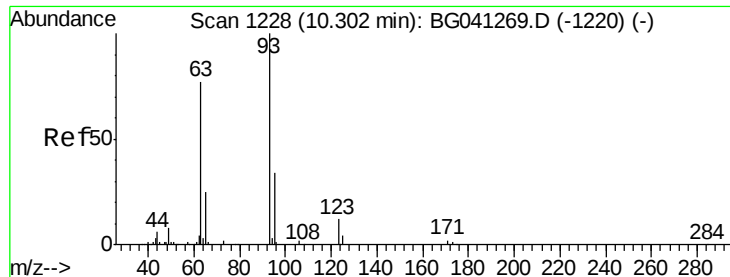
107 146.6 115.1 172.7

121 58.5 50.1 75.1



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

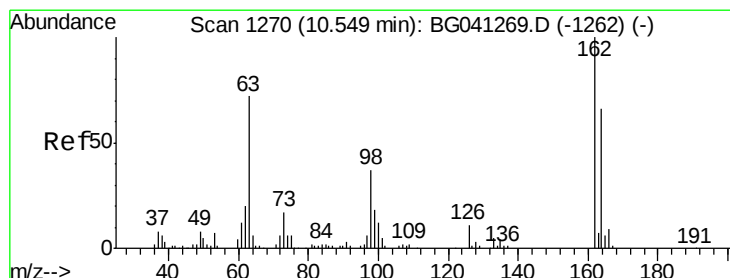
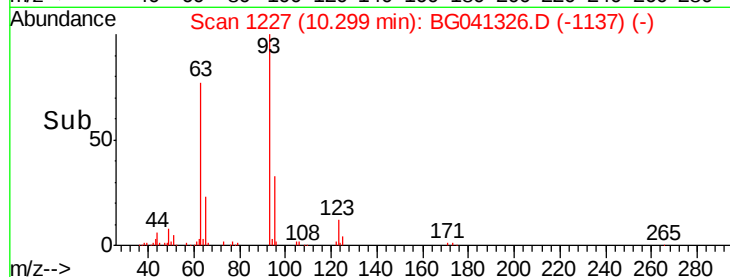
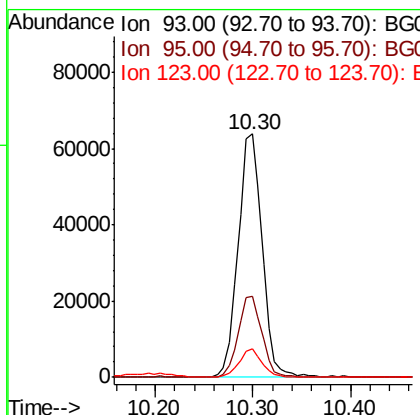
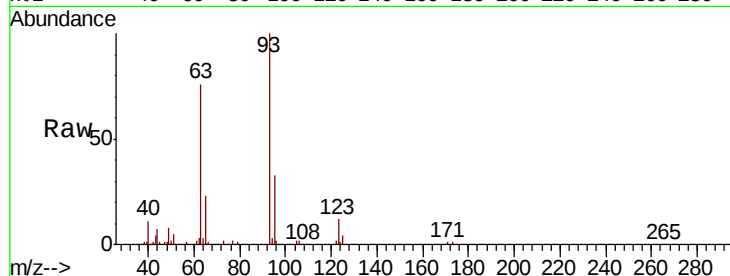




#28
 bis(2-Chloroethoxy)methane
 Concen: 38.843 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

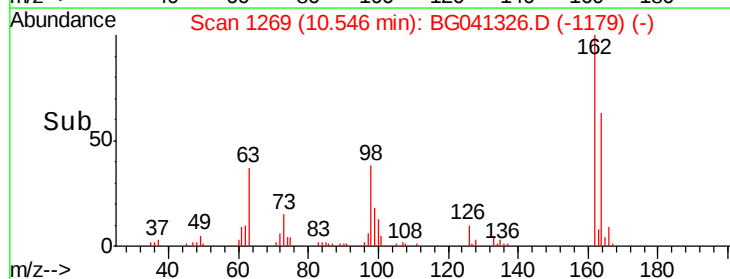
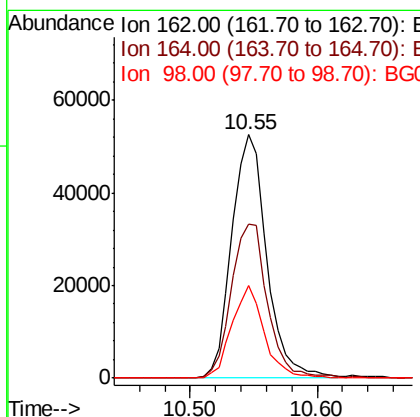
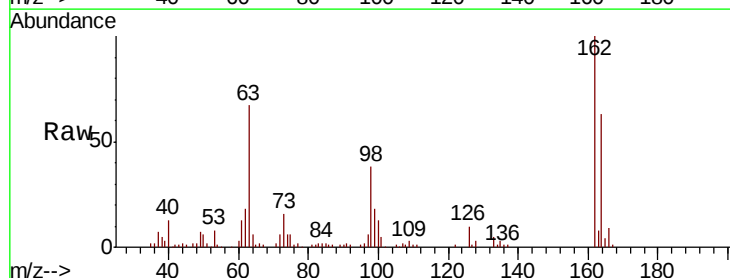
Instrument :
 BNA_G
 ClientSampleId :

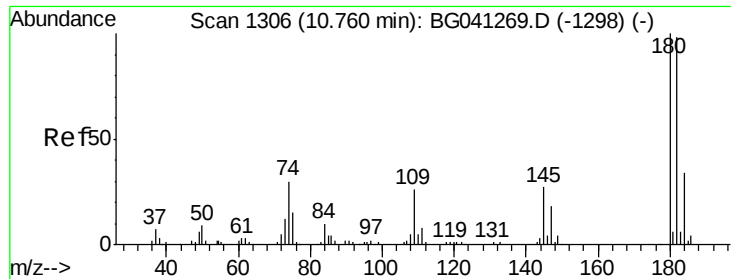
Tot Ion	93	Resp	109564
Ion Ratio	Lower	Upper	
93	100		
95	33.0	27.3	40.9
123	11.6	9.6	14.4



#29
 2,4-Dichlorophenol
 Concen: 44.817 ng
 RT: 10.55 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion	162	Resp	100218
Ion Ratio	Lower	Upper	
162	100		
164	63.3	46.0	86.0
98	37.8	17.4	57.4

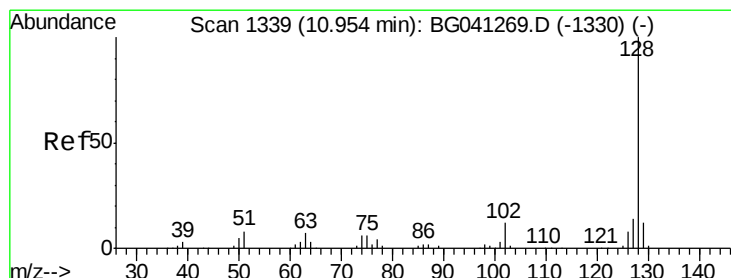
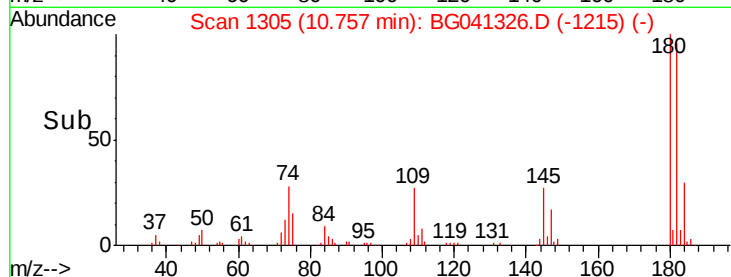
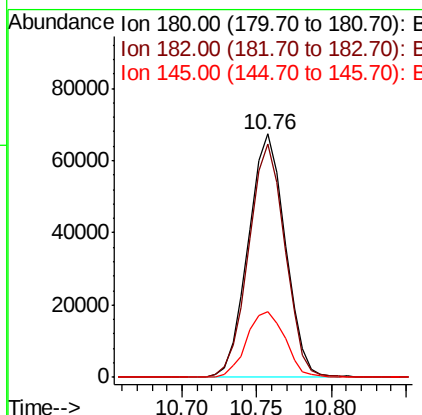
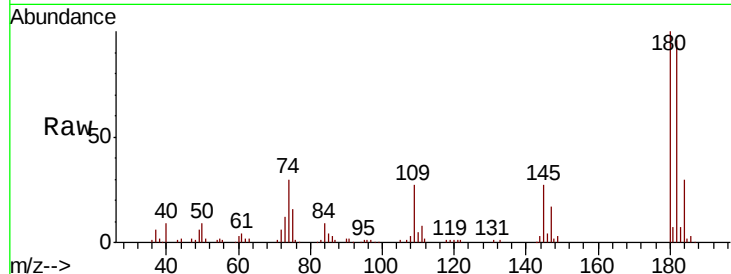




#30
 1,2,4-Trichlorobenzene
 Concen: 40.337 ng
 RT: 10.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

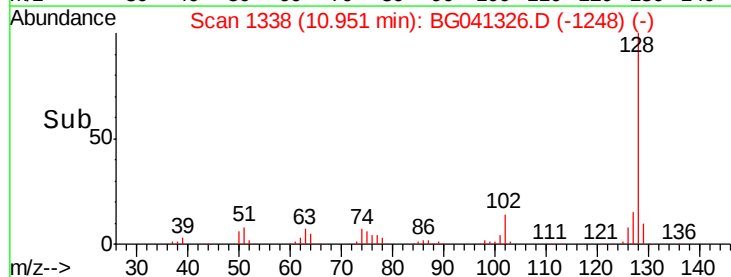
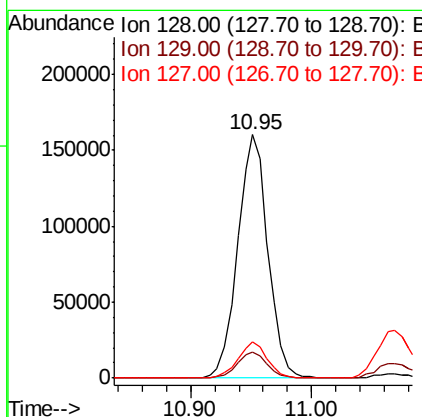
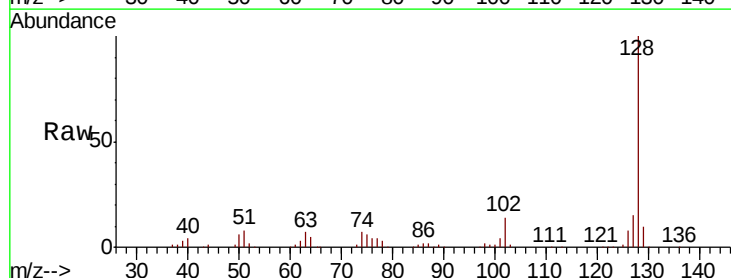
Instrument :
 BNA_G
 ClientSampleId :

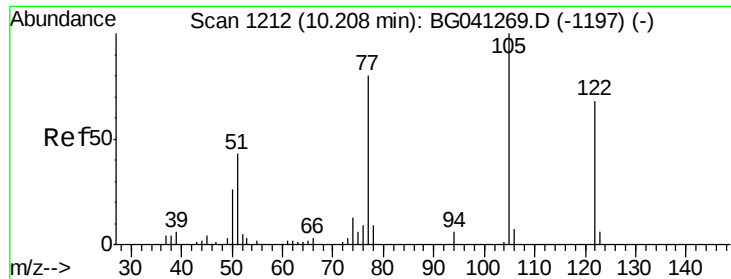
Tot Ion:180 Resp: 115521
 Ion Ratio Lower Upper
 180 100
 182 95.7 78.6 117.8
 145 27.1 21.7 32.5



#31
 Naphthalene
 Concen: 41.185 ng
 RT: 10.95 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion:128 Resp: 277774
 Ion Ratio Lower Upper
 128 100
 129 10.5 9.4 14.0
 127 14.6 11.2 16.8

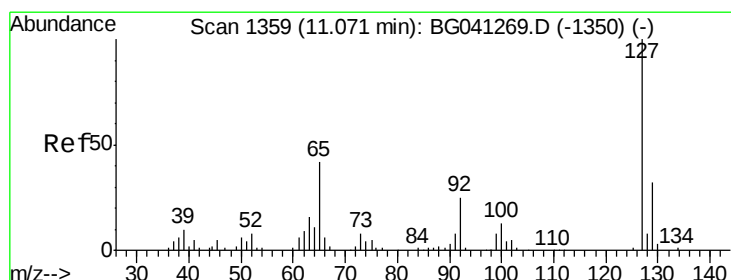
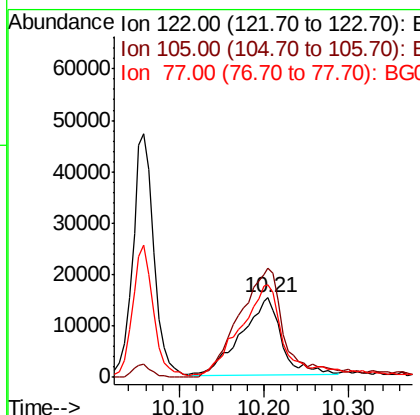
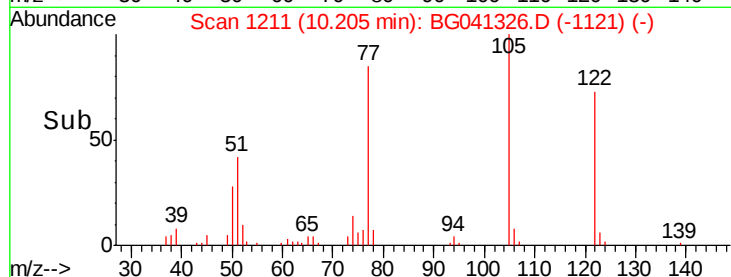
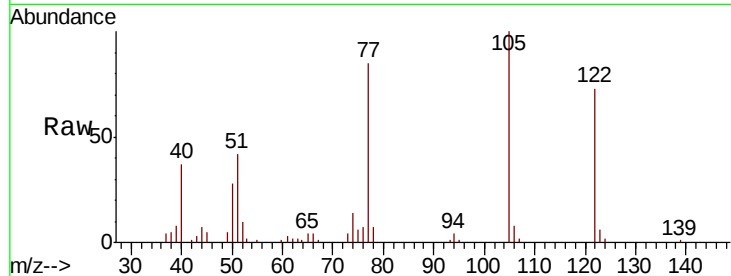




#32
Benzoic acid
Concen: 42.413 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

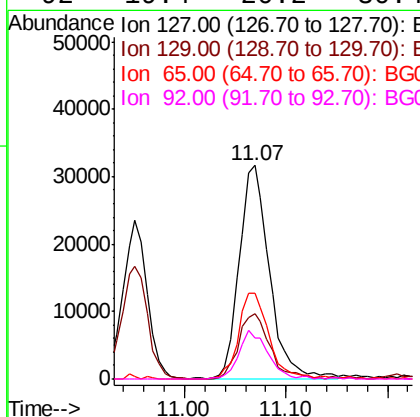
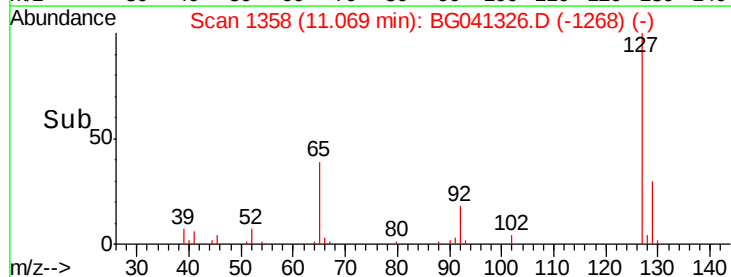
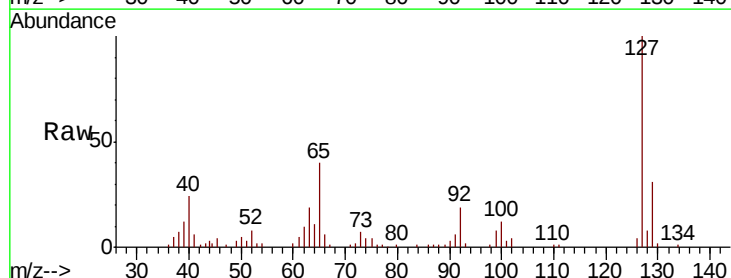
Instrument :
BNA_G
ClientSampleId :

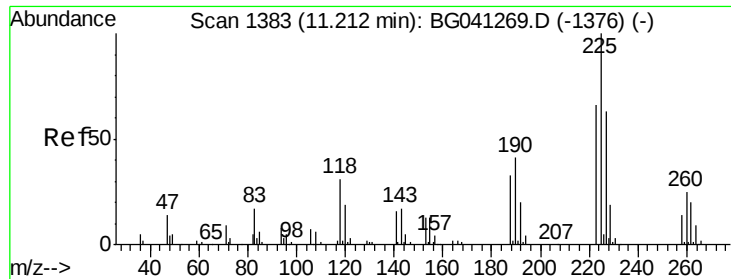
Tot Ion:122 Resp: 49793
Ion Ratio Lower Upper
122 100
105 136.8 124.2 164.2
77 115.8 97.2 137.2



#33
4-Chloroaniline
Concen: 22.928 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:127 Resp: 65674
Ion Ratio Lower Upper
127 100
129 30.6 25.8 38.8
65 40.1 33.8 50.8
92 19.4 20.2 30.4#

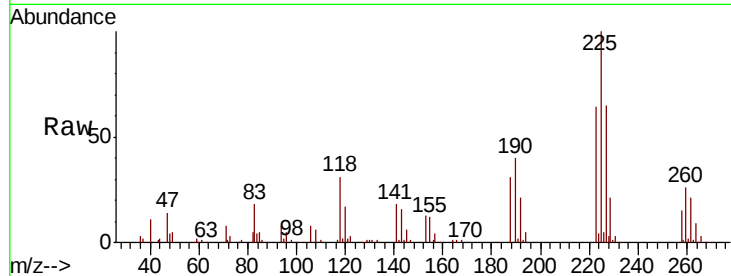




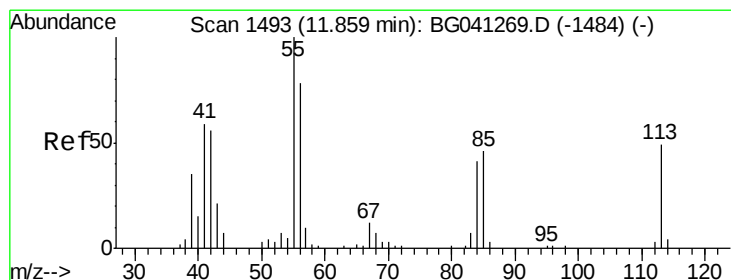
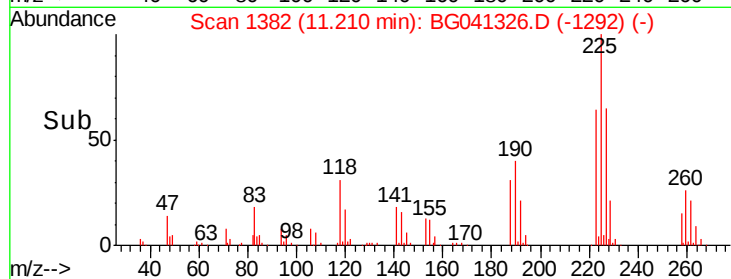
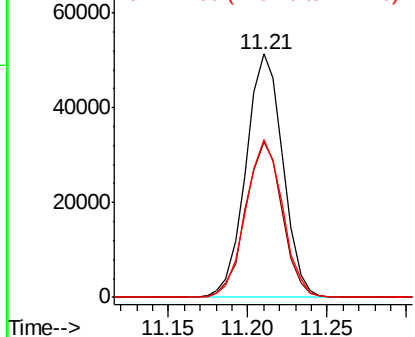
#34
Hexachlorobutadiene
Concen: 36.608 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 83219
Ion Ratio Lower Upper
225 100
223 63.6 52.5 78.7
227 64.8 50.2 75.2

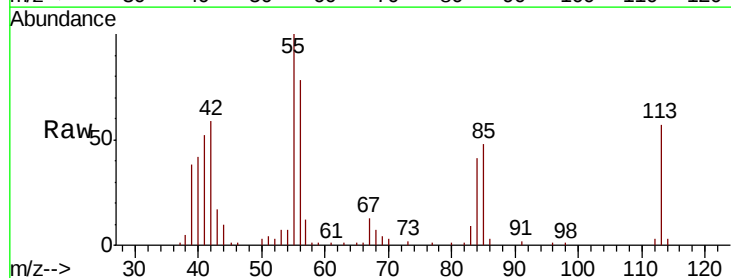


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

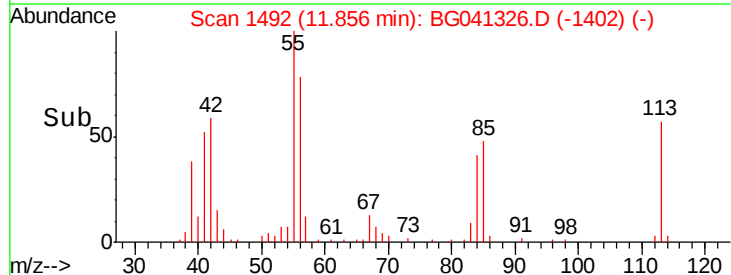
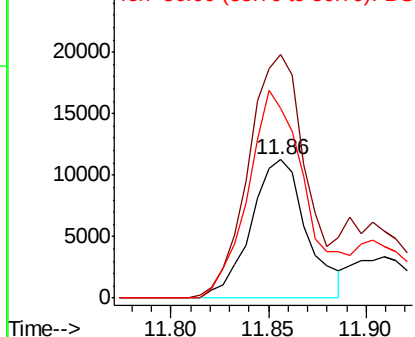


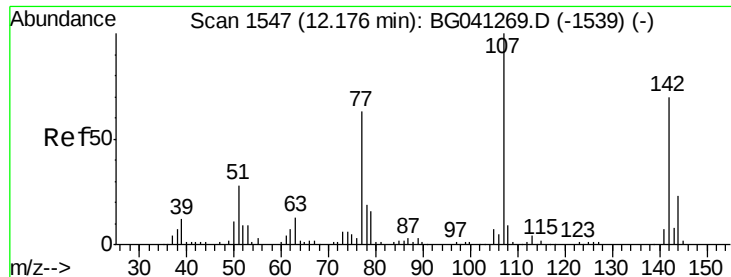
#35
Caprolactam
Concen: 28.851 ng
RT: 11.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:113 Resp: 22210
Ion Ratio Lower Upper
113 100
55 175.8 182.6 222.6#
56 136.9 137.5 177.5#



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

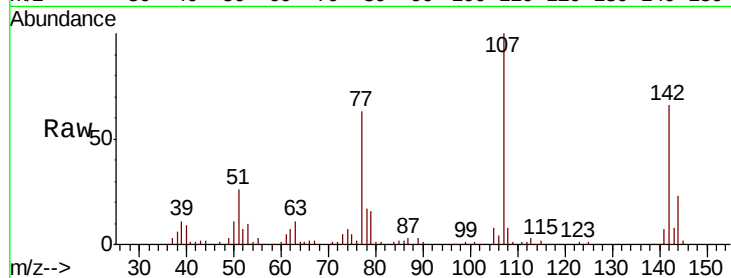




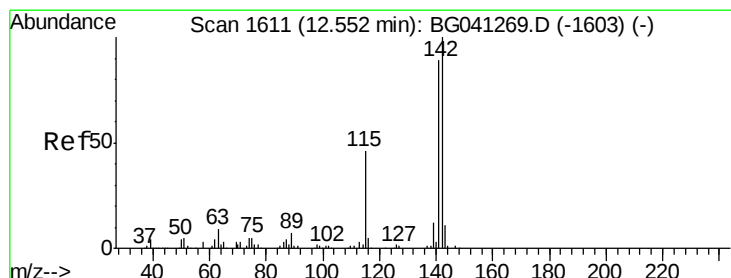
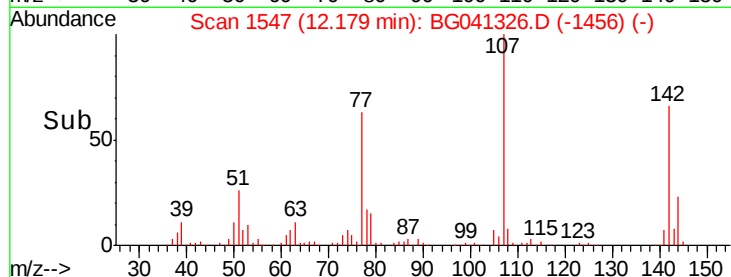
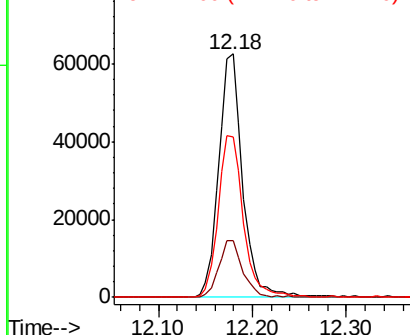
#36
4-Chloro-3-methylphenol
Concen: 43.121 ng
RT: 12.18 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 111380
Ion Ratio Lower Upper
107 100
144 23.1 18.5 27.7
142 65.6 56.3 84.5

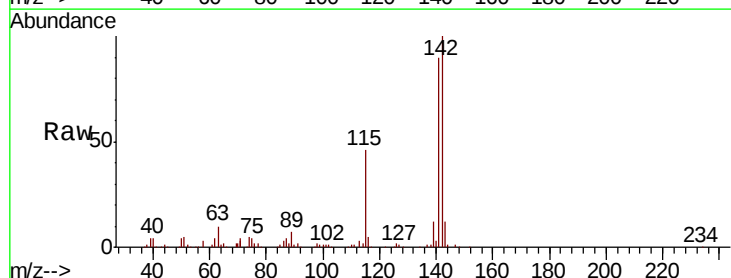


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

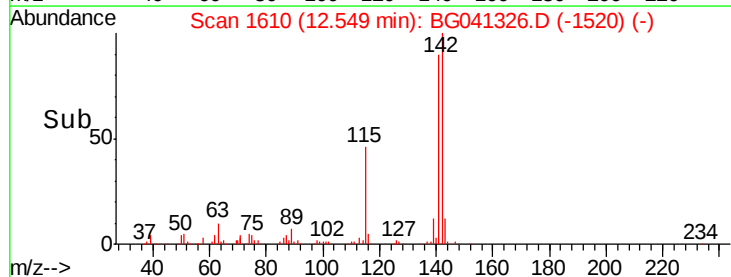
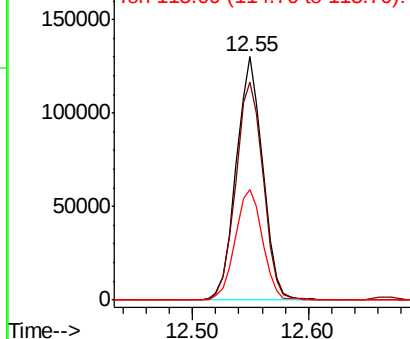


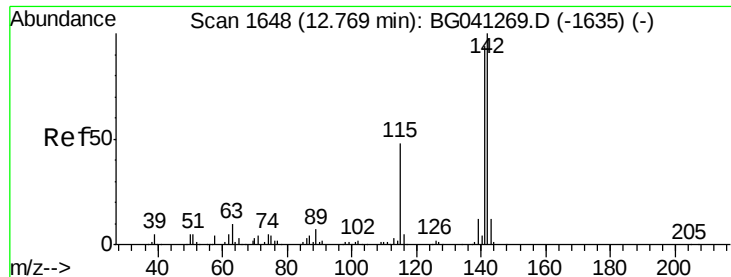
#37
2-Methylnaphthalene
Concen: 41.554 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:142 Resp: 206421
Ion Ratio Lower Upper
142 100
141 89.6 71.5 107.3
115 45.6 37.0 55.6



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

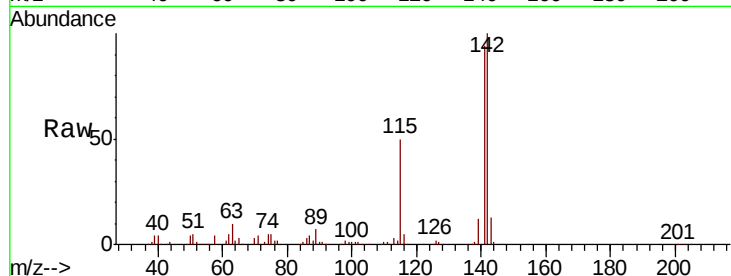




#38
1-Methylnaphthalene
Concen: 41.325 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.0	112.6
116	5.1	4.2	6.2

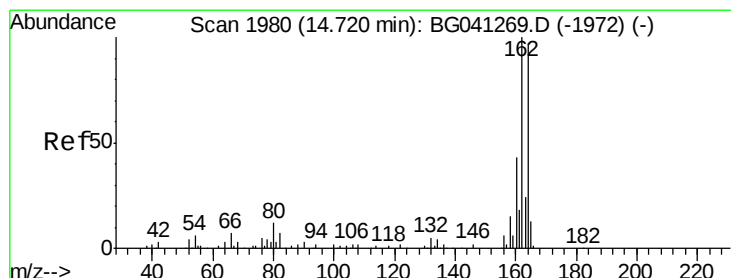
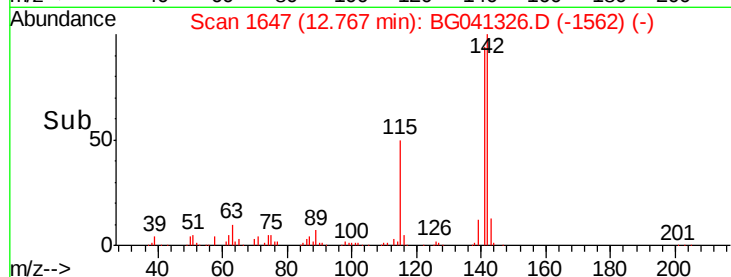
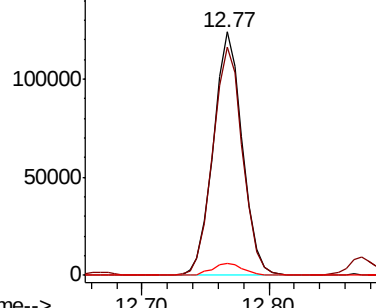


Abundance

Ion 142.00 (141.70 to 142.70): E

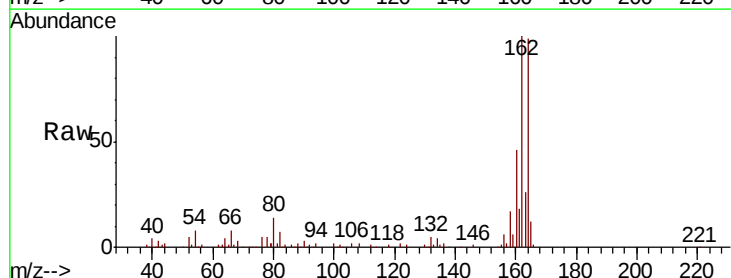
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.8	124.2
160	46.2	35.8	53.8

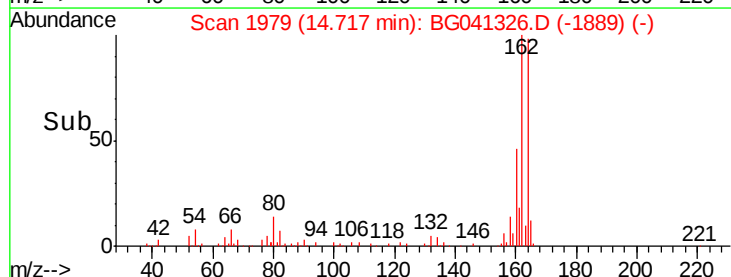
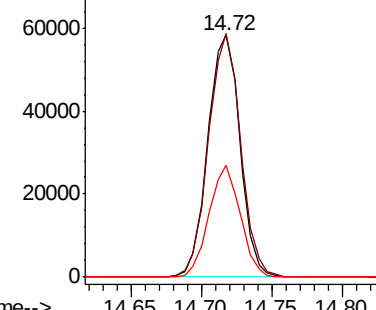


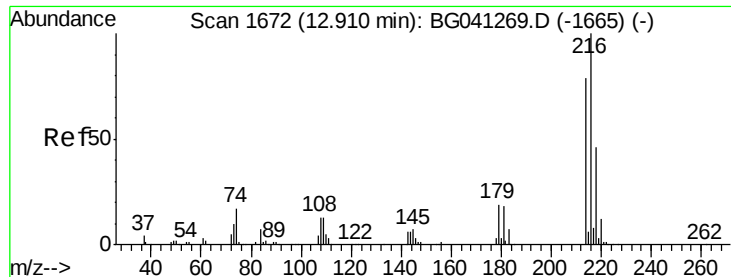
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.150 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 153078

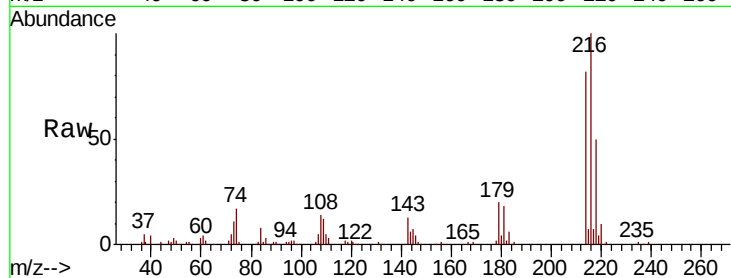
Ion Ratio Lower Upper

216 100

214 79.9 62.8 94.2

179 19.6 15.2 22.8

108 16.2 12.4 18.6

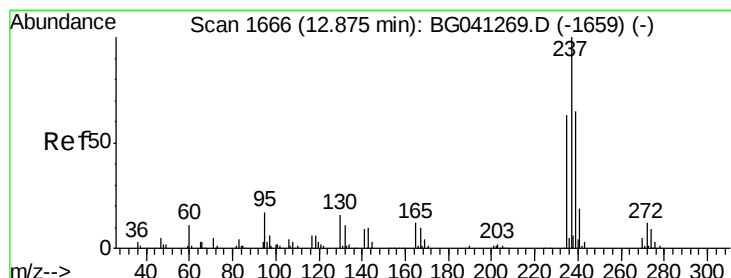
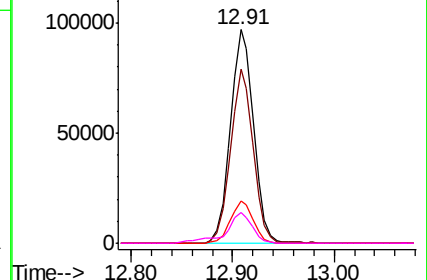
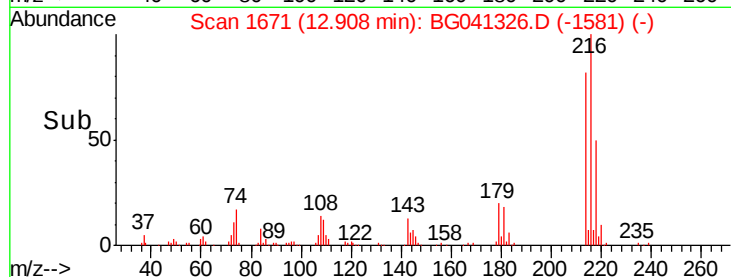


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 59.527 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

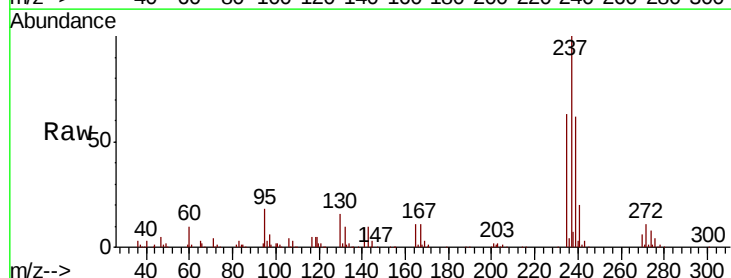
Tgt Ion:237 Resp: 152875

Ion Ratio Lower Upper

237 100

235 62.9 42.9 82.9

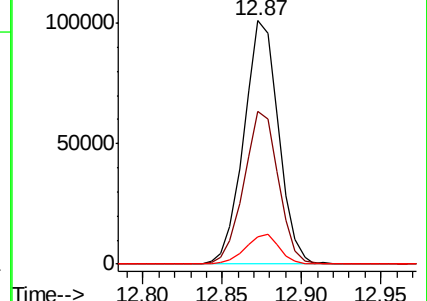
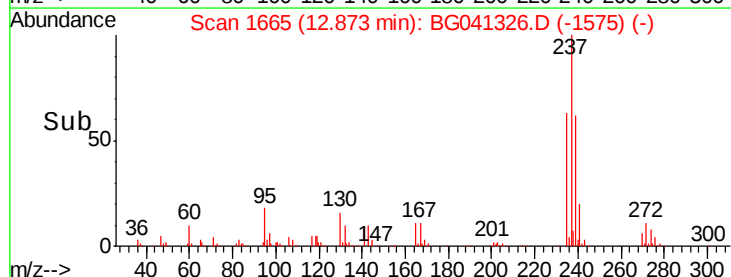
272 11.4 0.0 32.0

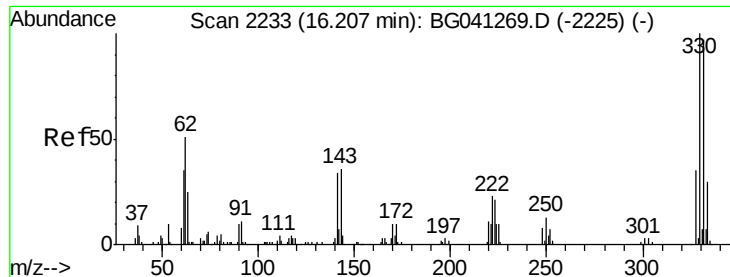


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 80.099 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampled :

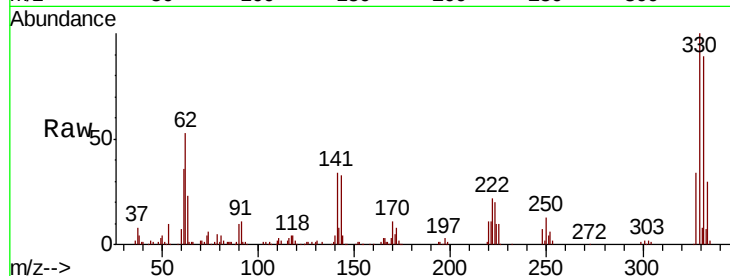
Tot Ion:330 Resp: 113540

Ion Ratio Lower Upper

330 100

332 94.2 75.5 113.3

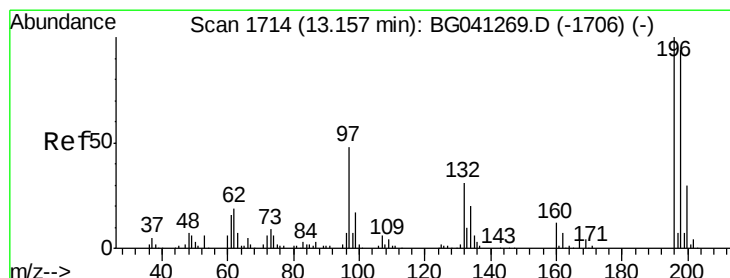
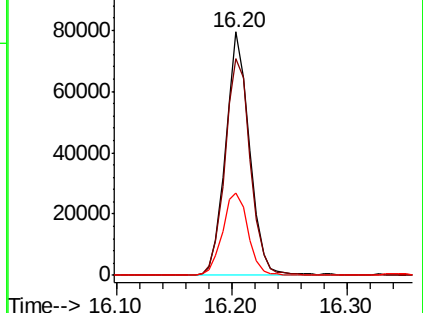
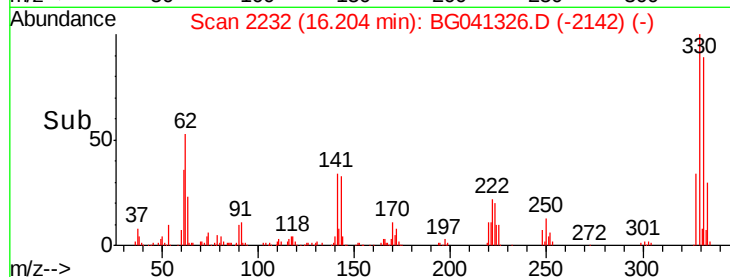
141 36.1 29.0 43.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 40.752 ng

RT: 13.15 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

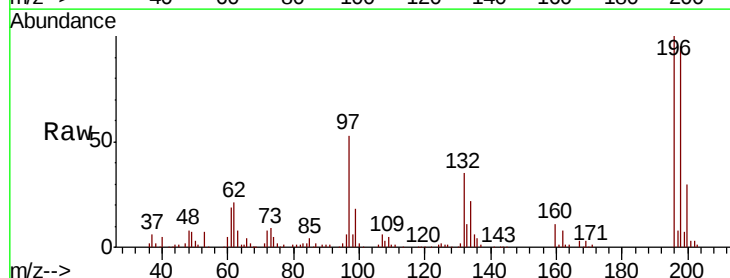
Tgt Ion:196 Resp: 96117

Ion Ratio Lower Upper

196 100

198 95.2 74.9 112.3

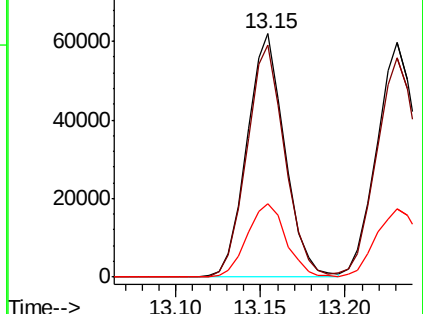
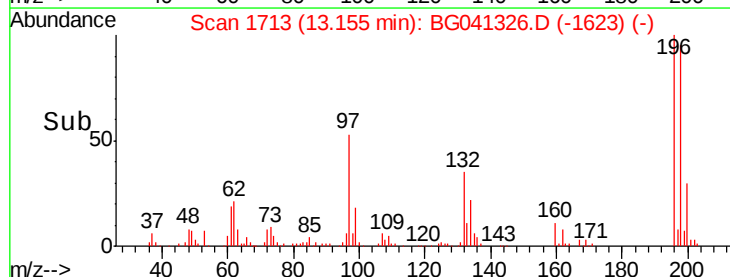
200 30.2 24.2 36.2

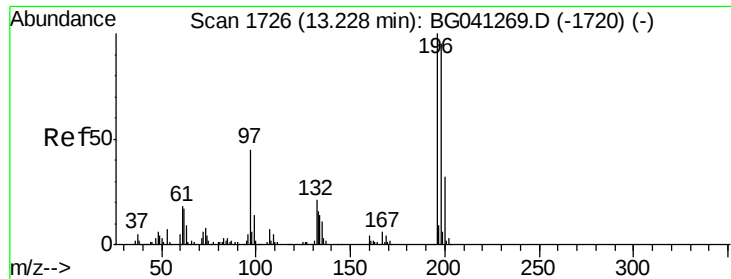


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 43.208 ng

RT: 13.23 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:196 Resp: 104857

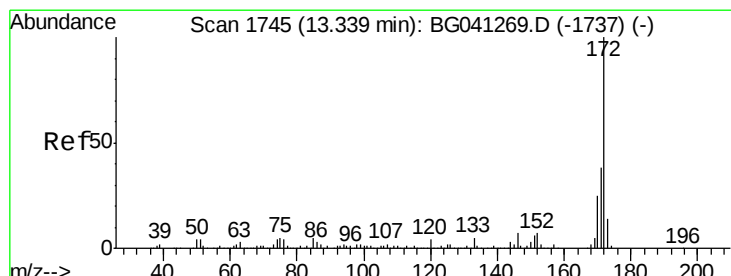
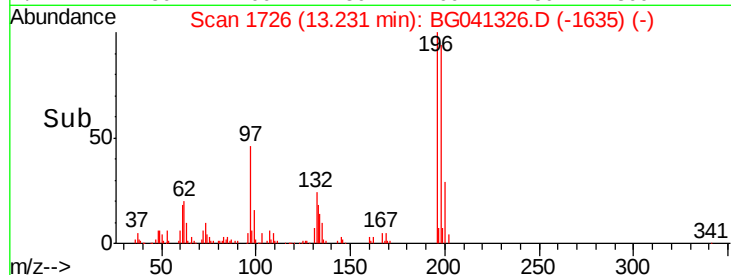
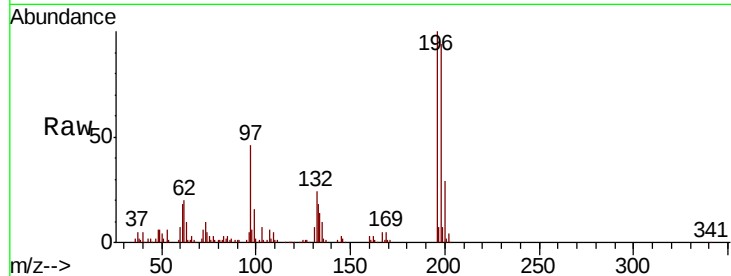
Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.1	114.1
97	46.5	35.9	53.9
132	23.5	17.0	25.6

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 69.391 ng

RT: 13.34 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

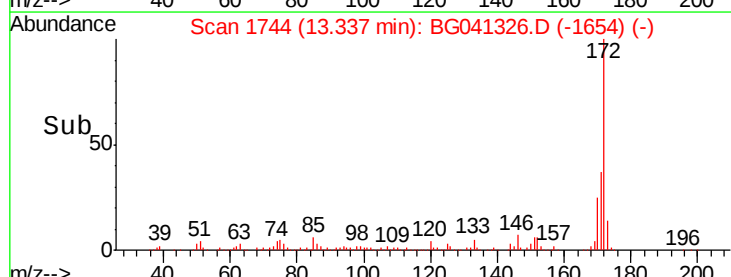
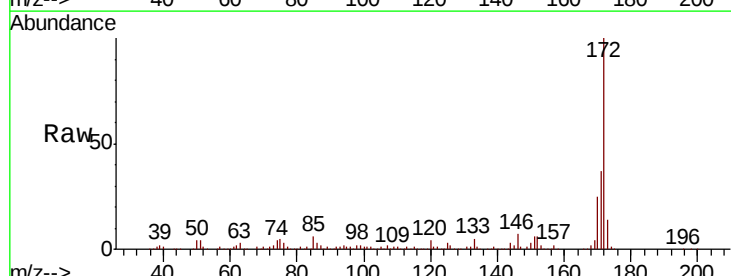
Tgt Ion:172 Resp: 471394

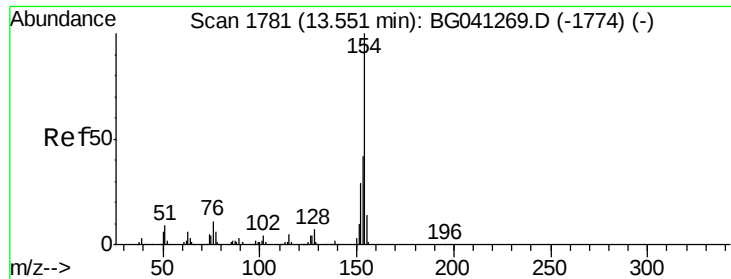
Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	25.0	19.8	29.6

Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 40.849 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampled :

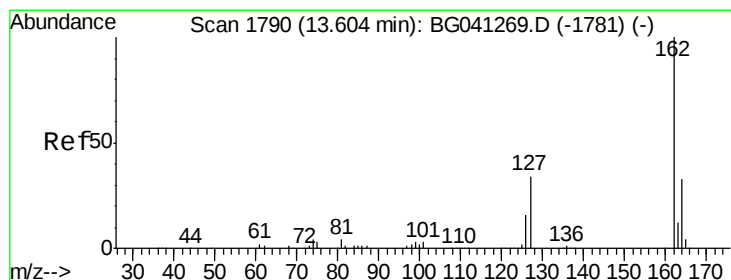
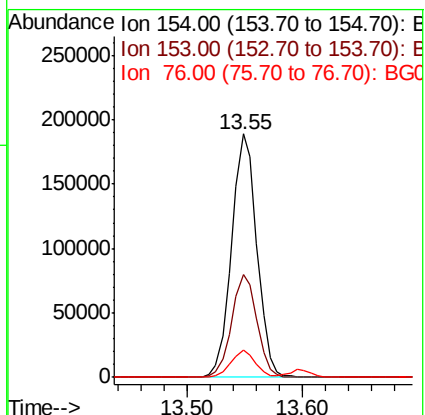
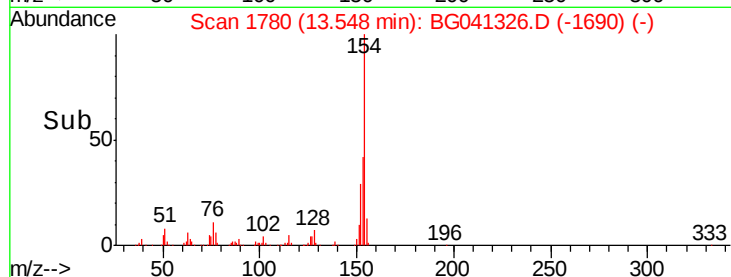
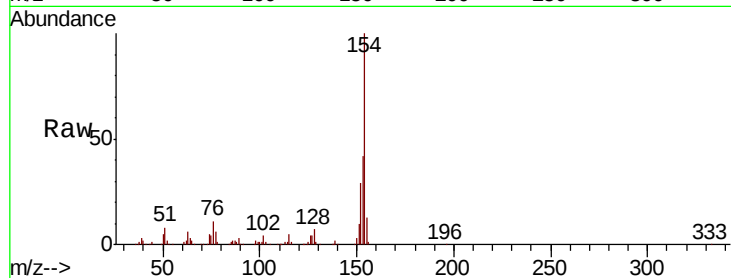
Tot Ion:154 Resp: 285136

Ion Ratio Lower Upper

154 100

153 42.4 22.3 62.3

76 11.1 0.0 30.8



#47

2-Chloronaphthalene

Concen: 39.334 ng

RT: 13.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

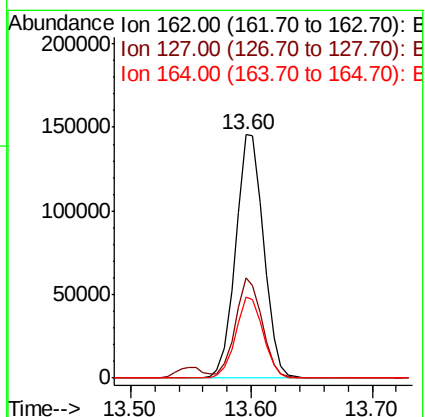
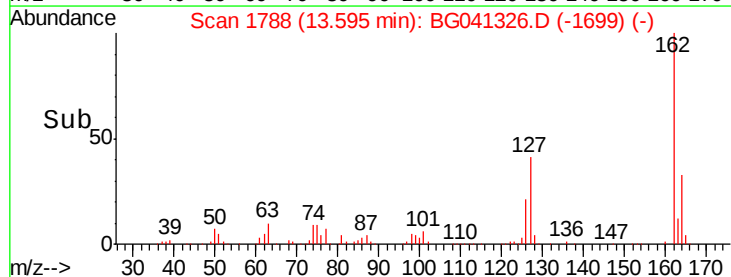
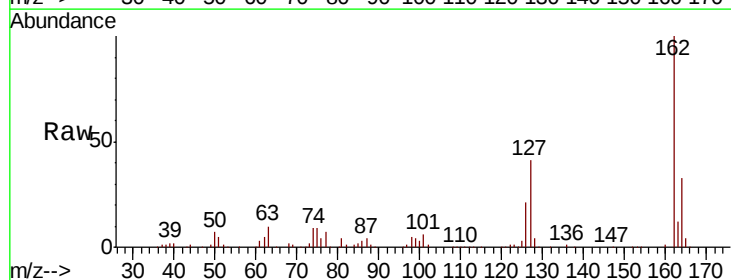
Tgt Ion:162 Resp: 236385

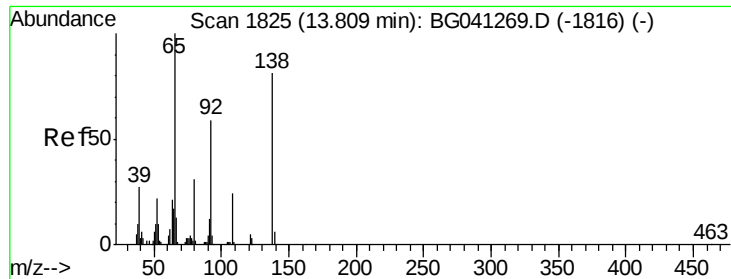
Ion Ratio Lower Upper

162 100

127 41.3 31.0 46.4

164 33.5 26.1 39.1

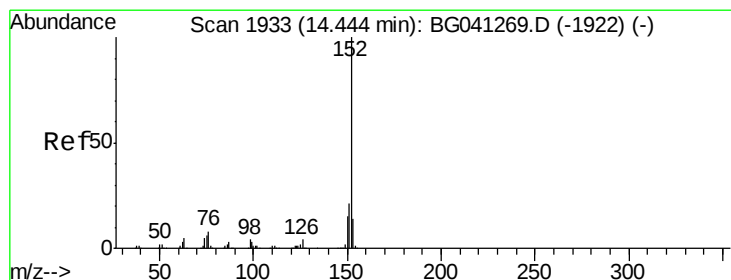
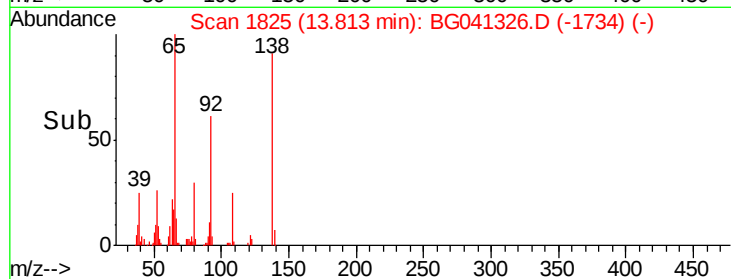
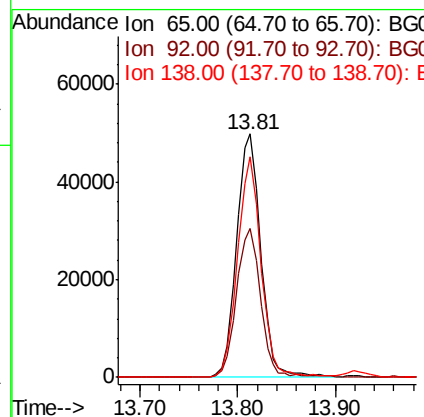
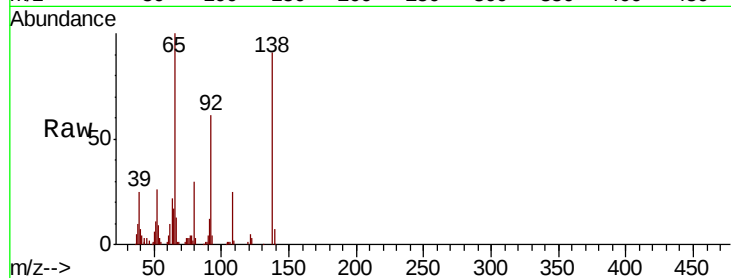




#48
2-Nitroaniline
Concen: 39.018 ng
RT: 13.81 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

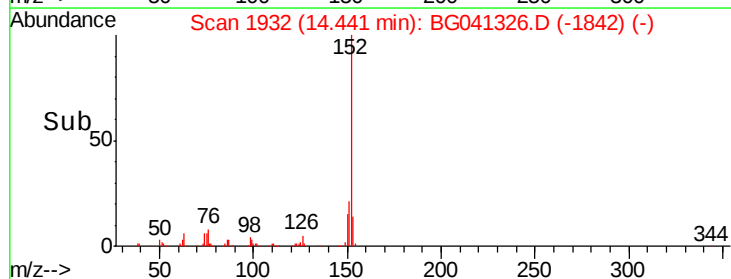
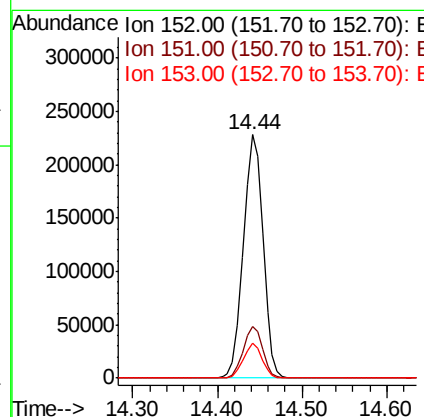
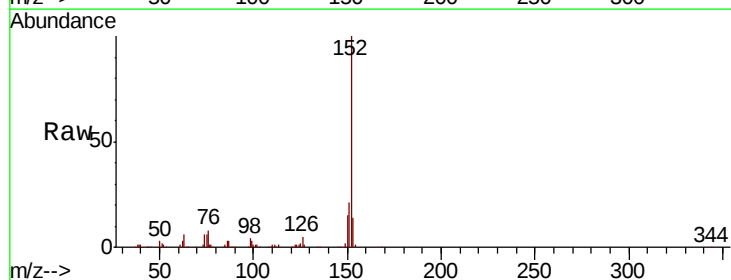
Instrument :
BNA_G
ClientSampleId :

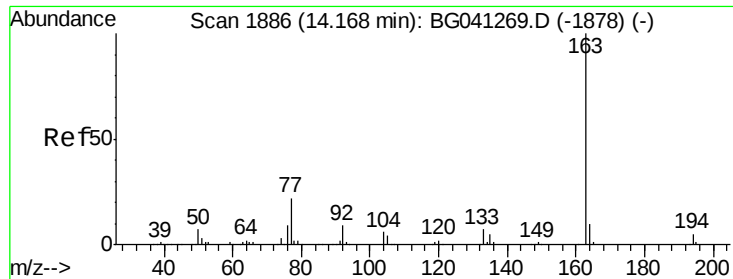
Tot Ion: 65 Resp: 85876
Ion Ratio Lower Upper
65 100
92 61.3 47.4 71.2
138 90.8 64.7 97.1



#49
Acenaphthylene
Concen: 39.970 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion: 152 Resp: 364496
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 14.2 10.8 16.2





#50

Dimethylphthalate

Concen: 37.326 ng

RT: 14.17 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

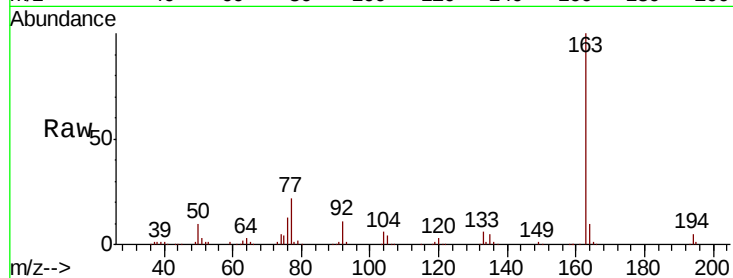
Tot Ion:163 Resp: 306648

Ion Ratio Lower Upper

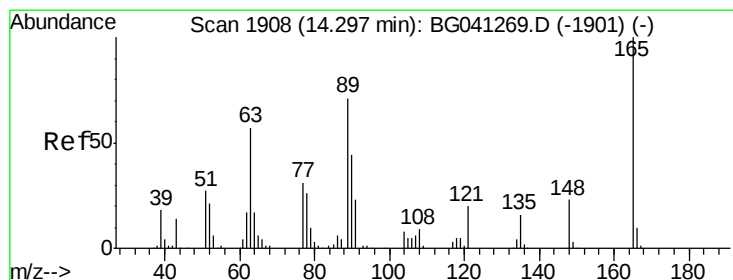
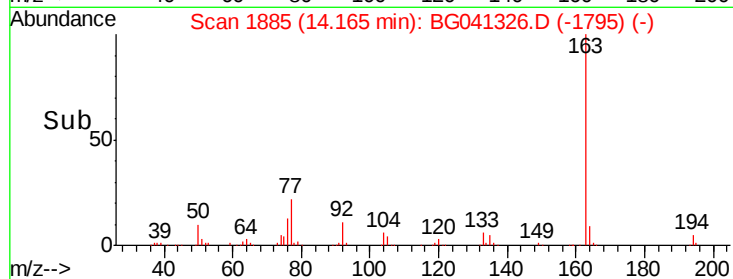
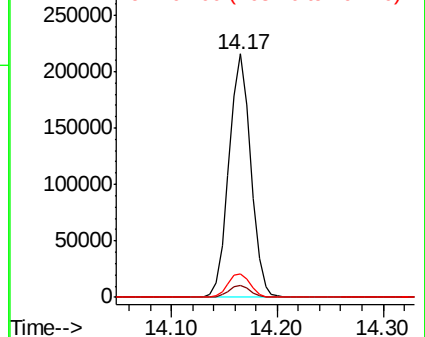
163 100

194 5.1 3.9 5.9

164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 40.702 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

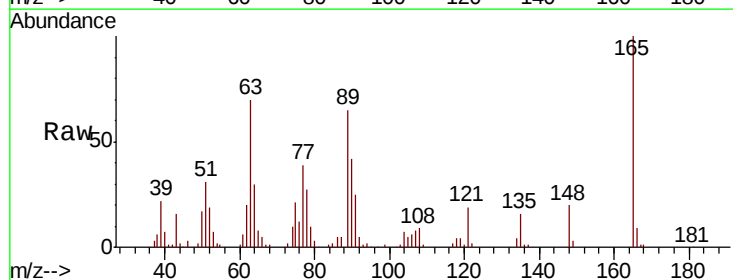
Tgt Ion:165 Resp: 70506

Ion Ratio Lower Upper

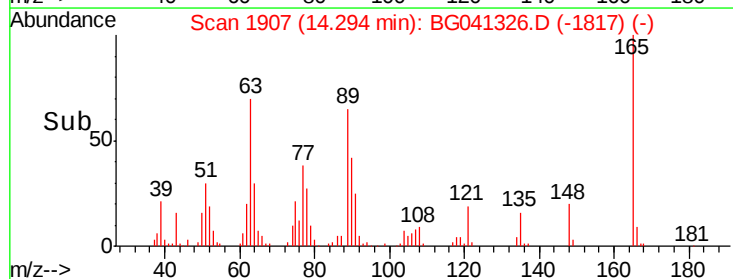
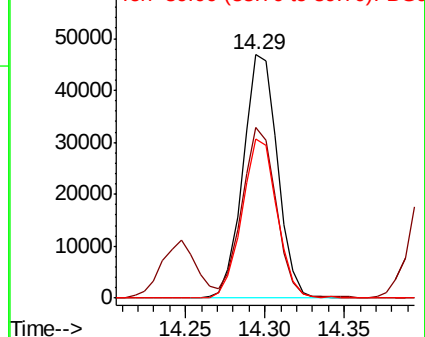
165 100

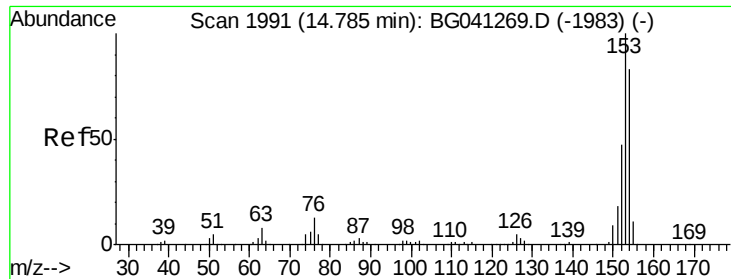
63 70.3 55.4 83.0

89 65.3 56.5 84.7



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





#52

Acenaphthene

Concen: 40.465 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampled :

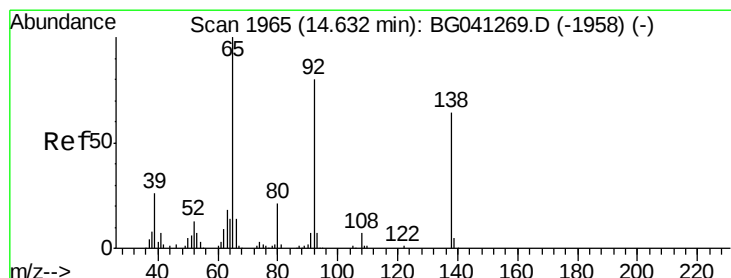
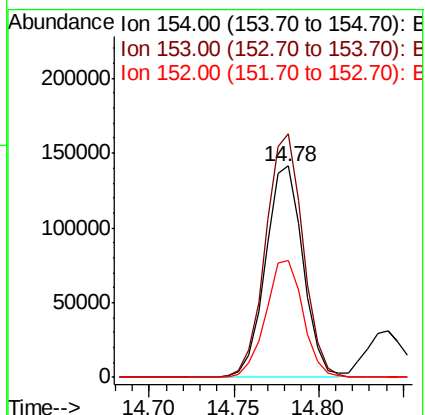
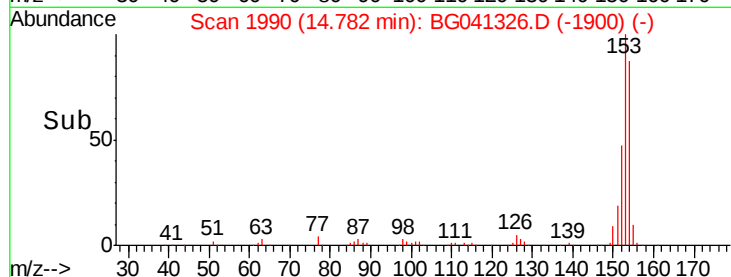
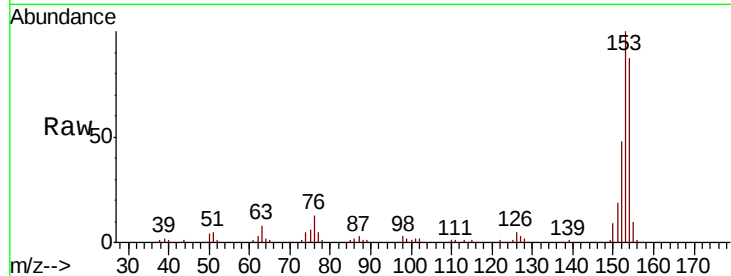
Tot Ion:154 Resp: 216687

Ion Ratio Lower Upper

154 100

153 115.1 96.6 145.0

152 55.2 45.5 68.3



#53

3-Nitroaniline

Concen: 29.155 ng

RT: 14.64 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

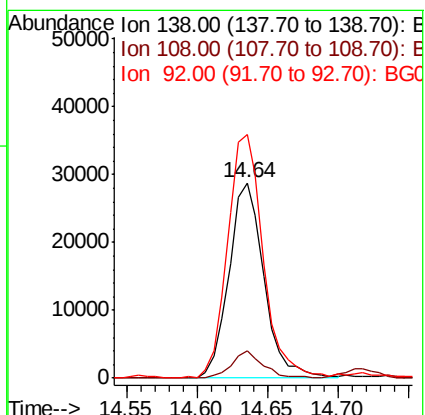
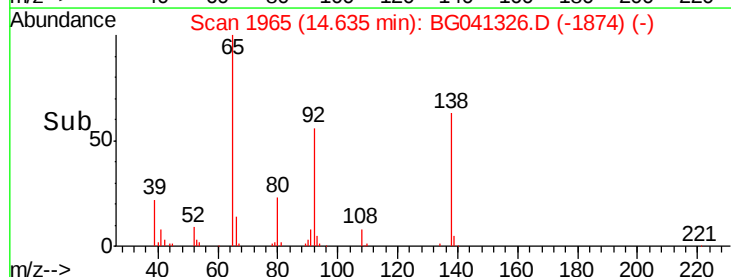
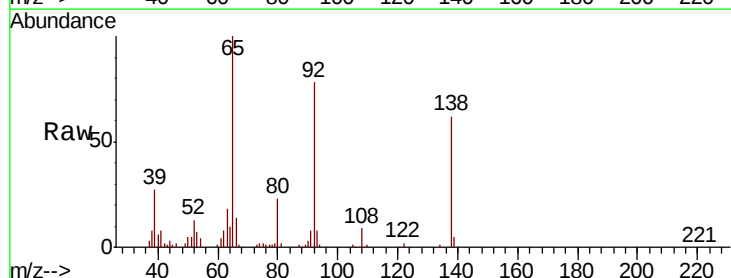
Tgt Ion:138 Resp: 49758

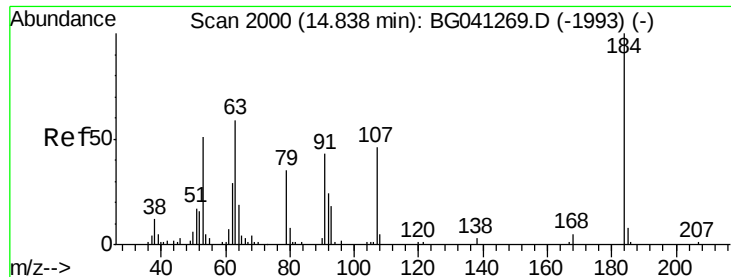
Ion Ratio Lower Upper

138 100

108 13.8 8.3 12.5#

92 124.9 100.2 150.4

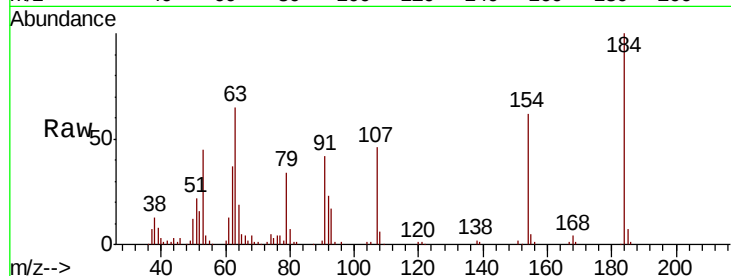




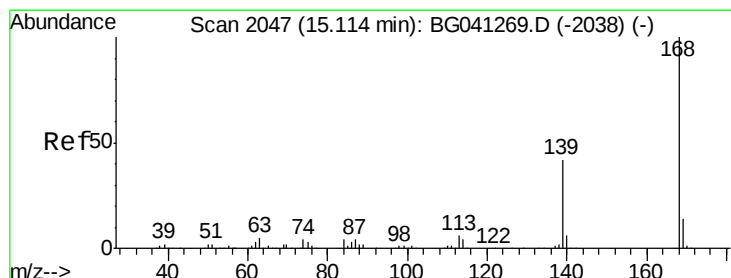
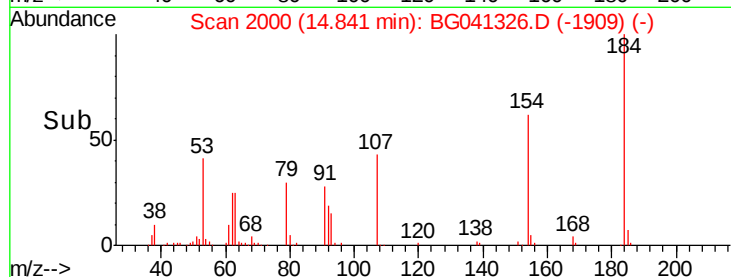
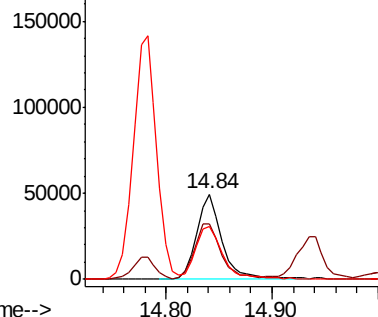
#54
2,4-Dinitrophenol
Concen: 66.674 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 81976
Ion Ratio Lower Upper
184 100
63 64.6 60.0 90.0
154 62.4 58.3 87.5

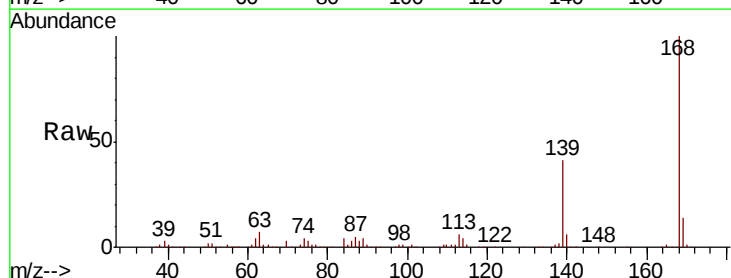


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

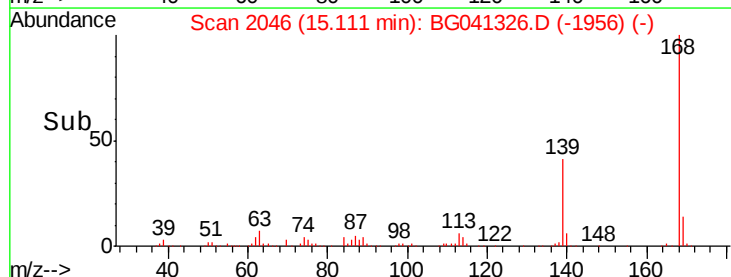
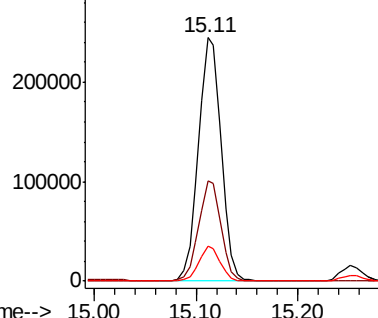


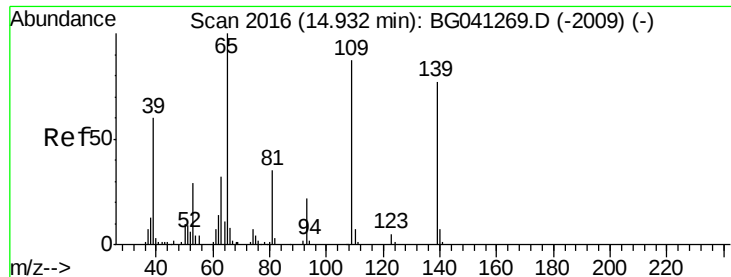
#55
Dibenzofuran
Concen: 40.820 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:168 Resp: 380057
Ion Ratio Lower Upper
168 100
139 41.1 33.6 50.4
169 14.3 10.8 16.2



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

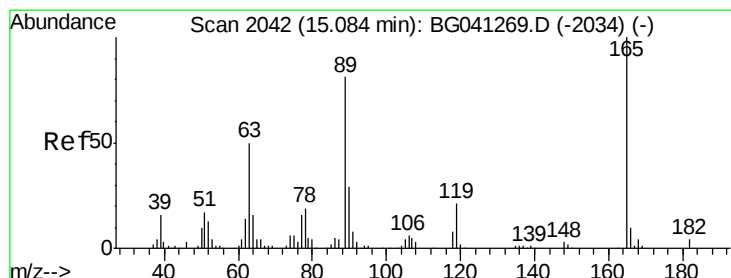
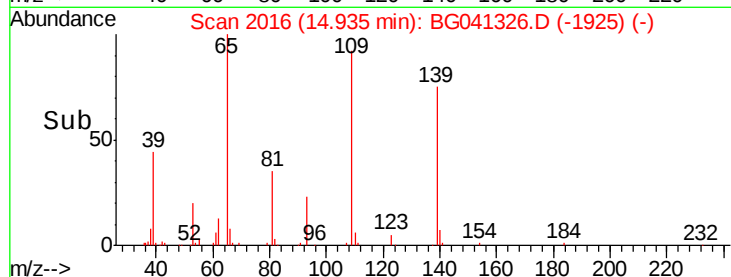
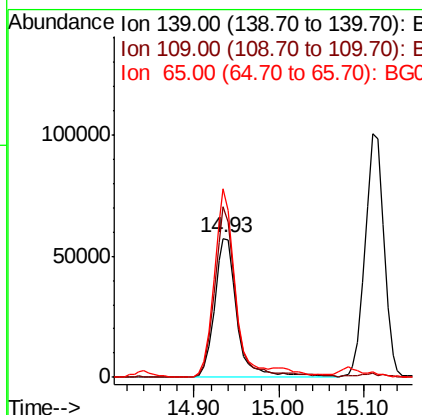
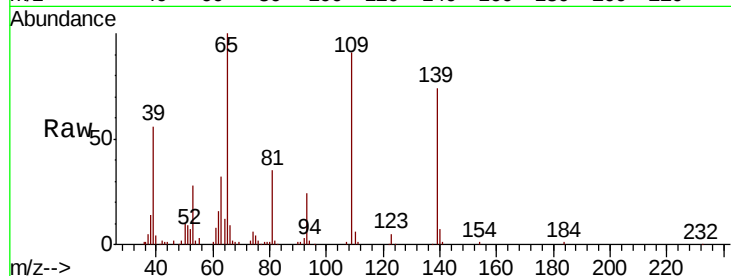




#56
4-Nitrophenol
Concen: 83.401 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

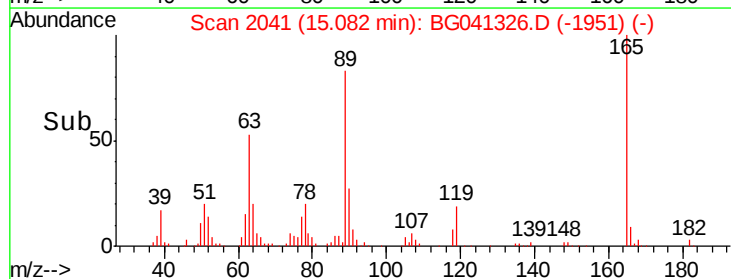
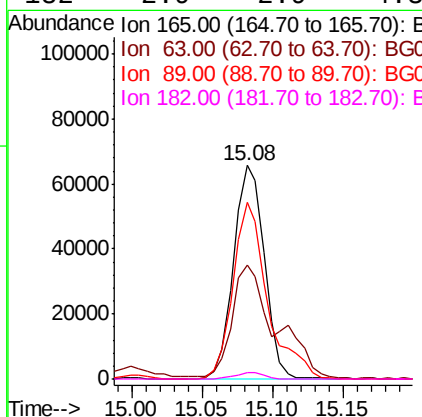
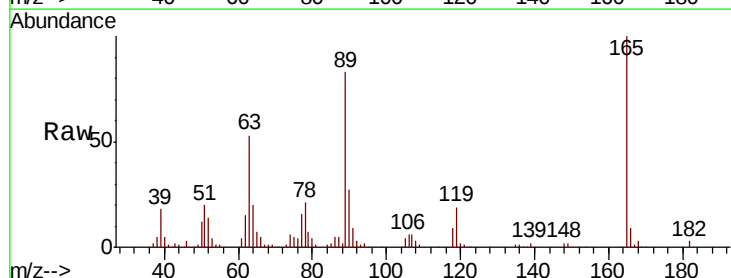
Instrument :
BNA_G
ClientSampleId :

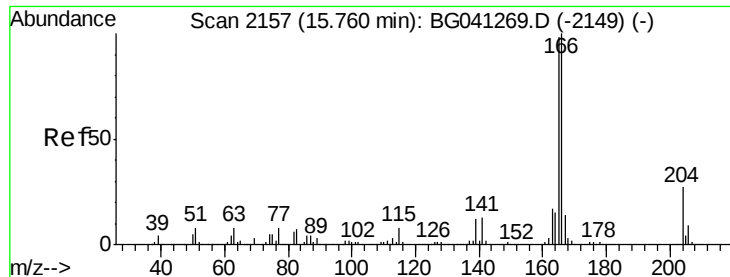
Tot Ion:139 Resp: 108316
Ion Ratio Lower Upper
139 100
109 123.4 93.2 133.2
65 135.8 110.2 150.2



#57
2,4-Dinitrotoluene
Concen: 39.470 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:165 Resp: 99945
Ion Ratio Lower Upper
165 100
63 53.1 40.0 60.0
89 82.8 64.6 96.8
182 2.9 2.9 4.3





#58

Fluorene

Concen: 40.281 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

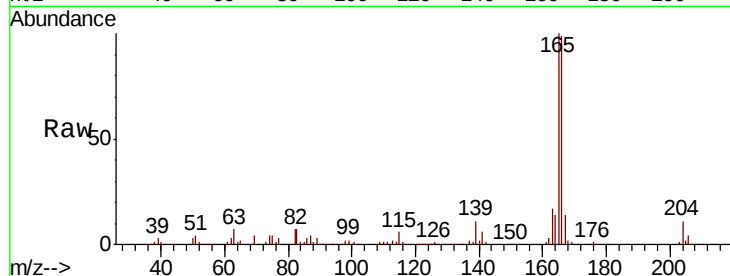
Tot Ion:166 Resp: 295021

Ion Ratio Lower Upper

166 100

165 101.0 78.8 118.2

167 14.3 11.3 16.9

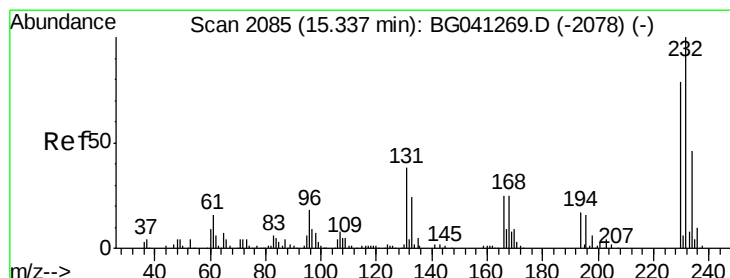
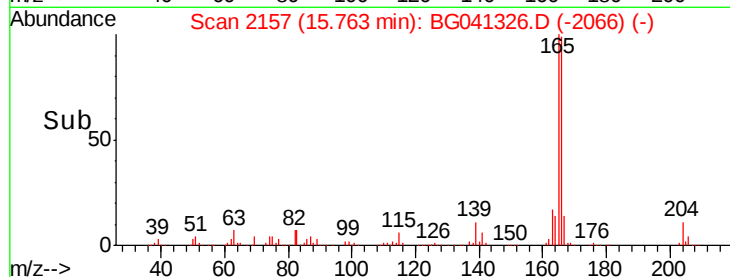
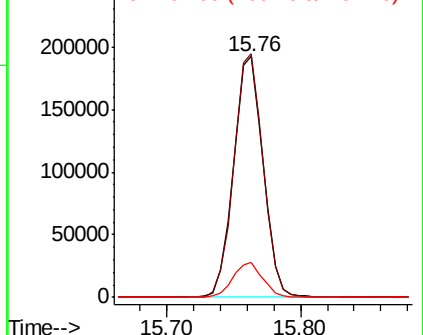


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 43.814 ng

RT: 15.33 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion:232 Resp: 109955

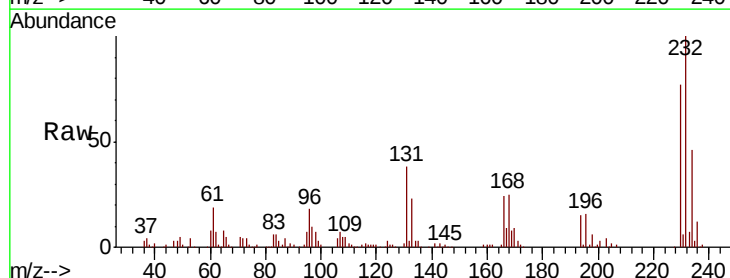
Ion Ratio Lower Upper

232 100

131 37.9 29.0 43.6

130 2.3 1.6 2.4

166 25.3 21.0 31.4



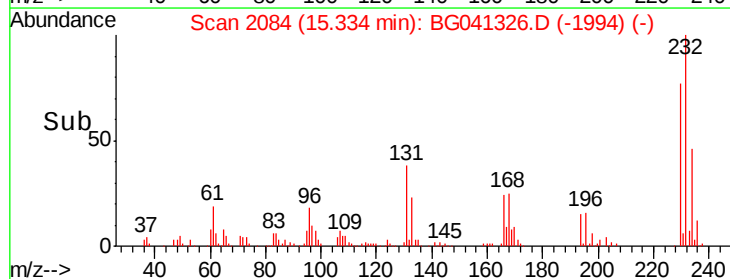
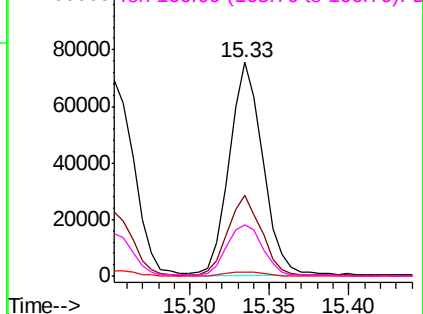
Abundance

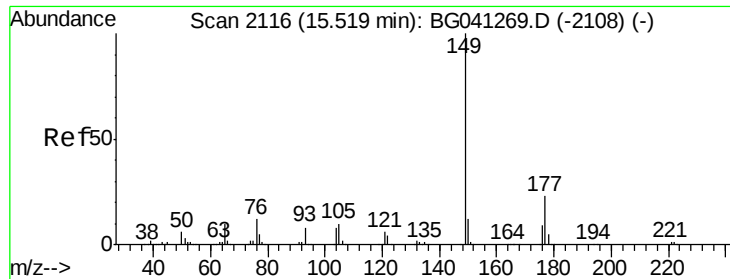
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

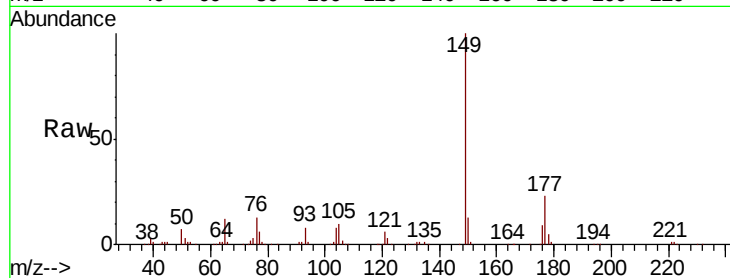




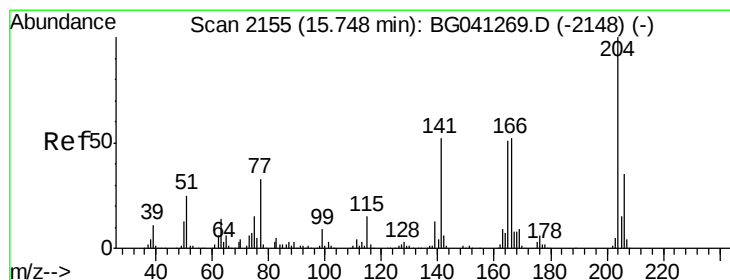
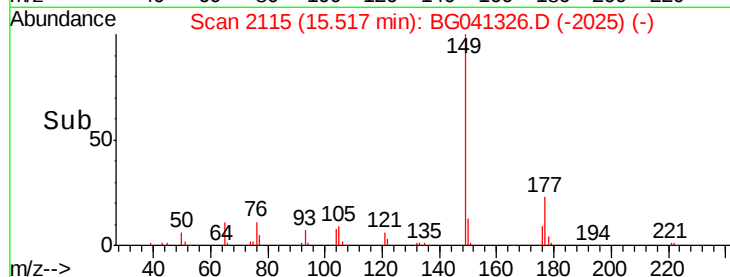
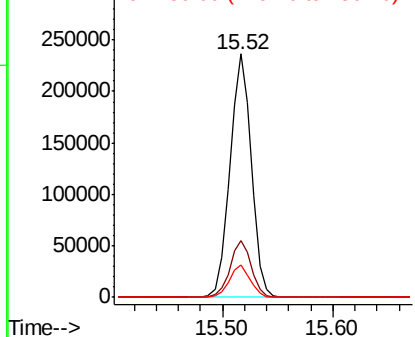
#60
Diethylphthalate
Concen: 38.343 ng
RT: 15.52 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 320174
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 13.5 9.9 14.9

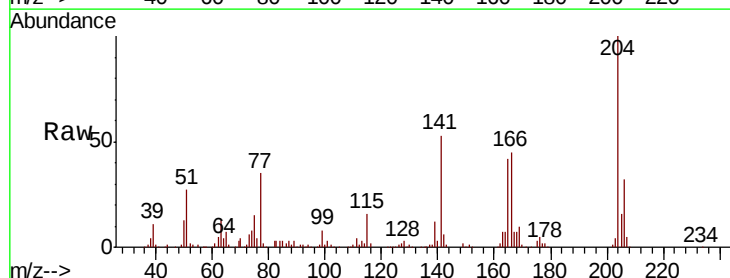


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

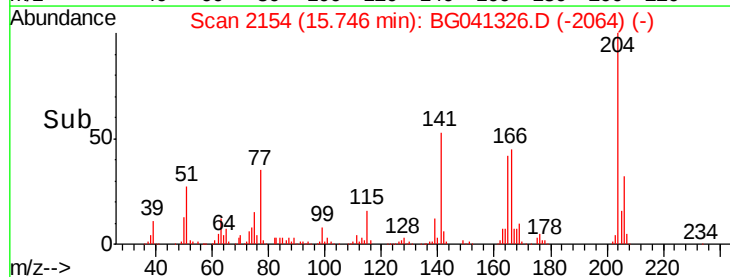
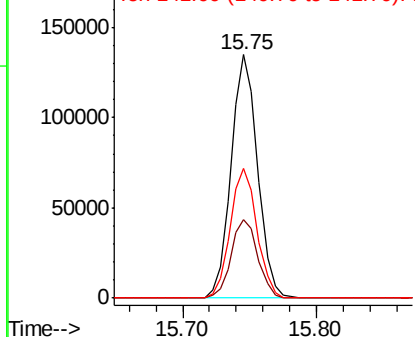


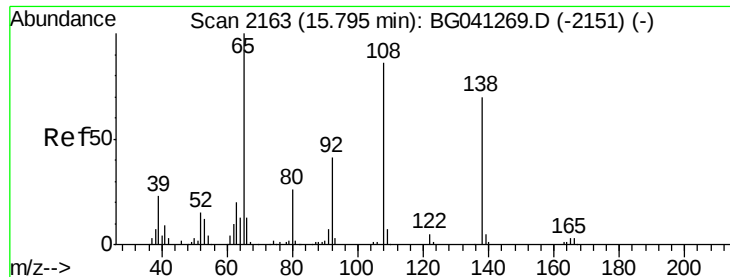
#61
4-Chlorophenyl-phenylether
Concen: 39.049 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:204 Resp: 186077
Ion Ratio Lower Upper
204 100
206 32.2 27.9 41.9
141 53.2 41.4 62.0



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





#62

4-Nitroaniline

Concen: 38.748 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

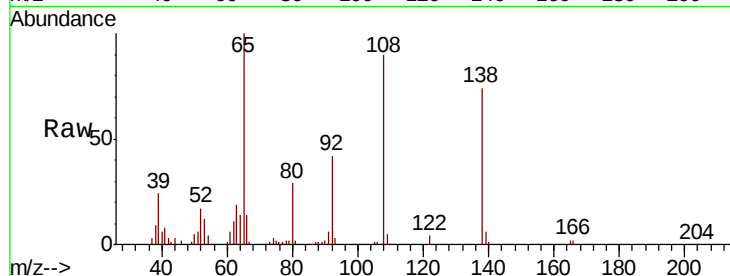
Tot Ion:138 Resp: 70728

Ion Ratio Lower Upper

138 100

92 56.7 38.8 78.8

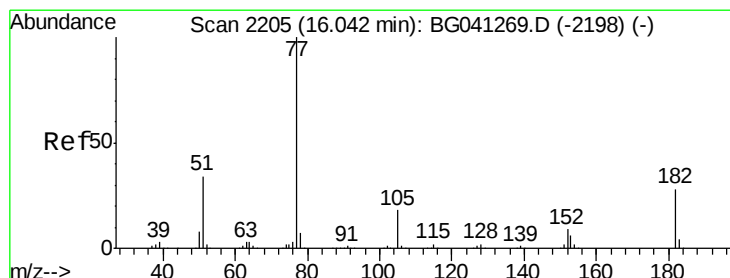
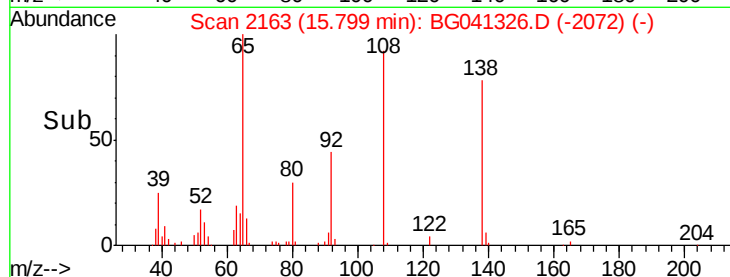
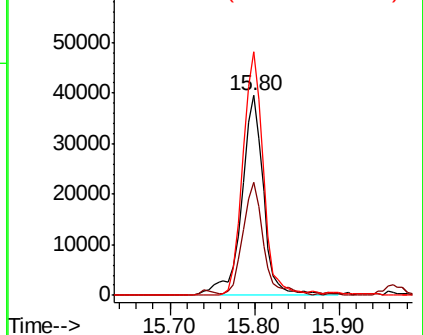
108 121.7 103.4 143.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 40.208 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Tgt Ion: 77 Resp: 299524

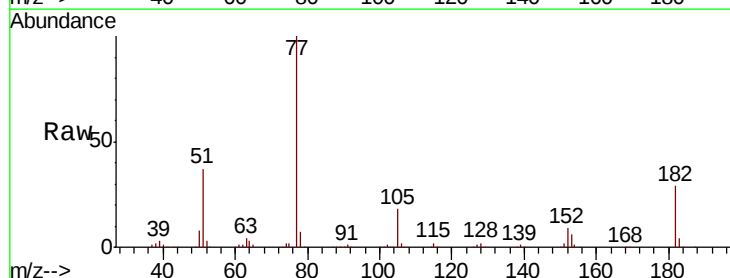
Ion Ratio Lower Upper

77 100

182 28.8 7.5 47.5

105 18.3 0.0 37.7

51 37.1 14.6 54.6

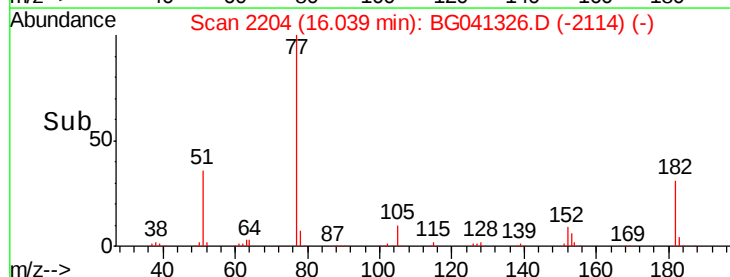
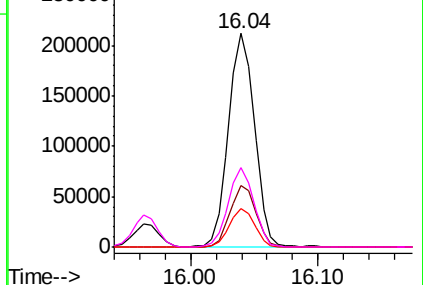


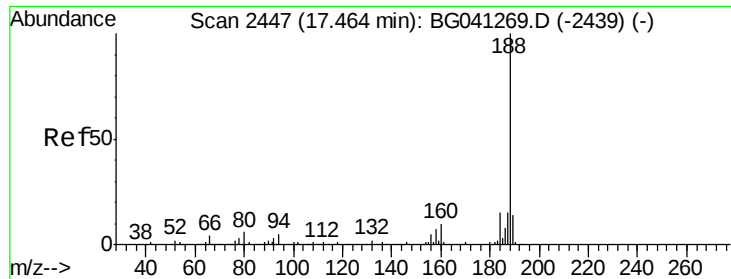
Abundance Ion 77.00 (76.70 to 77.70): BG

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

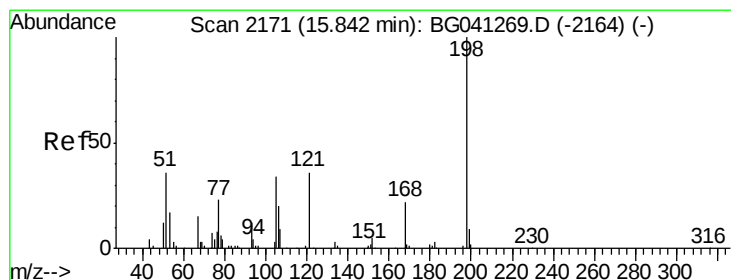
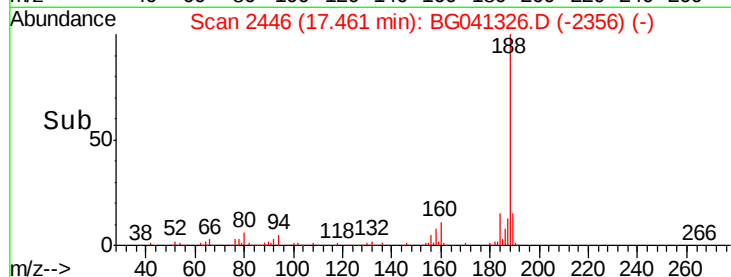
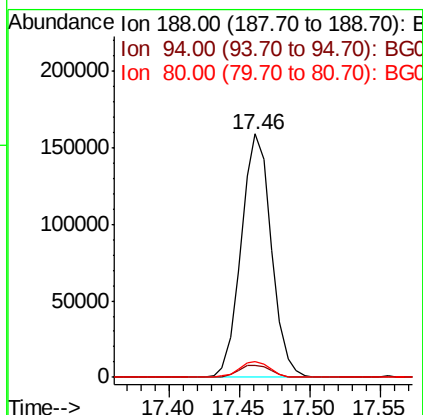
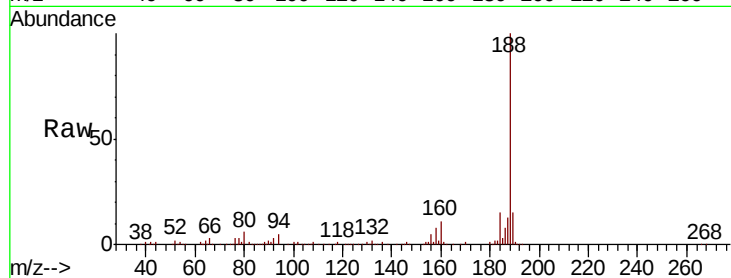




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

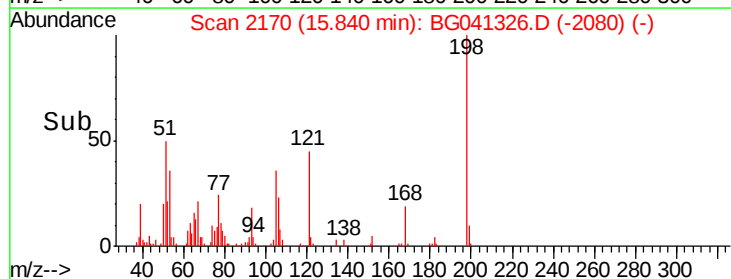
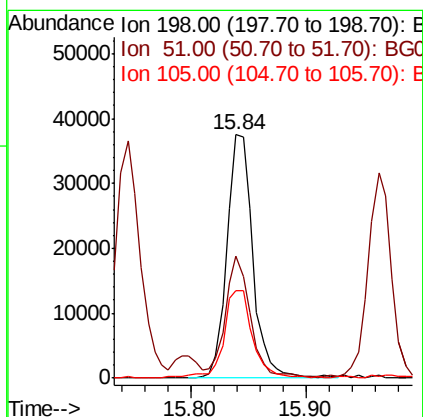
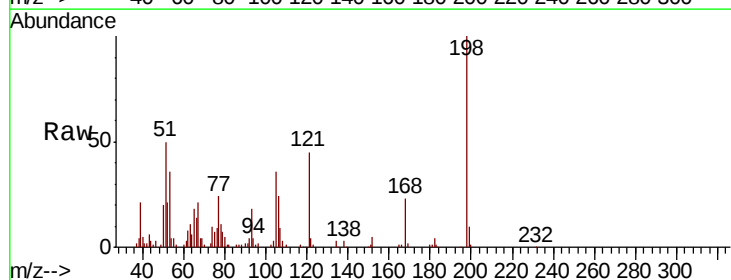
Instrument :
BNA_G
ClientSampleId :

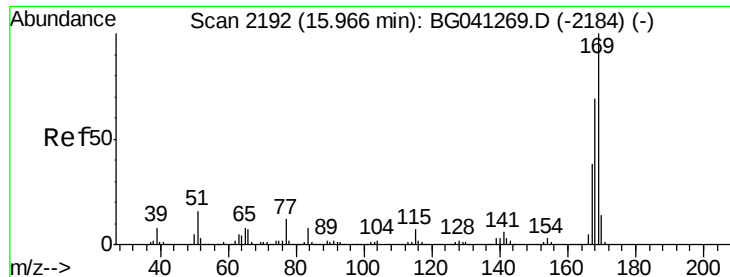
Tot Ion:188 Resp: 237852
Ion Ratio Lower Upper
188 100
94 4.8 3.6 5.4
80 6.5 4.8 7.2



#65
4,6-Dinitro-2-methylphenol
Concen: 37.947 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:198 Resp: 58585
Ion Ratio Lower Upper
198 100
51 50.0 23.4 63.4
105 36.1 15.8 55.8

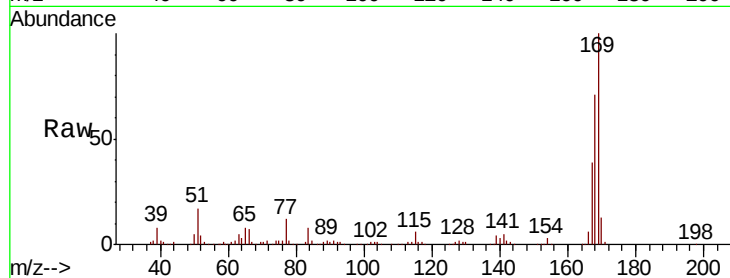




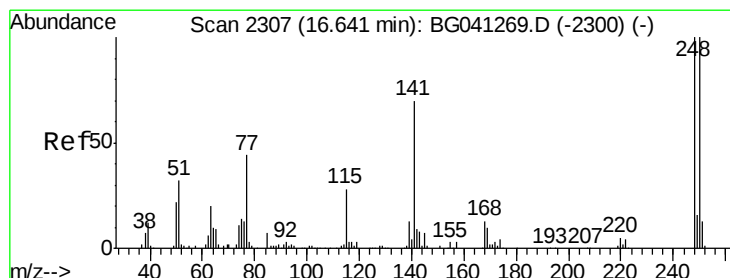
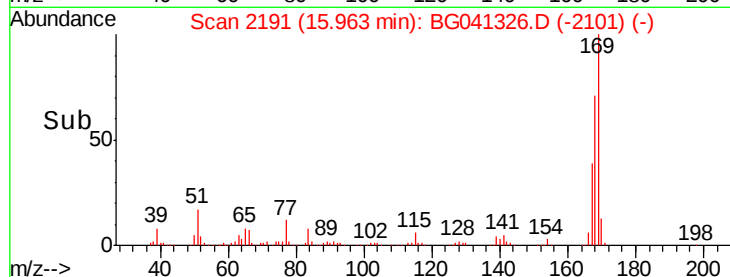
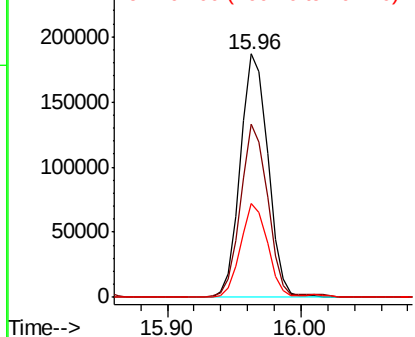
#66
 n-Nitrosodiphenylamine
 Concen: 42.297 ng
 RT: 15.96 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 267130
 Ion Ratio Lower Upper
 169 100
 168 70.9 55.2 82.8
 167 38.8 30.4 45.6

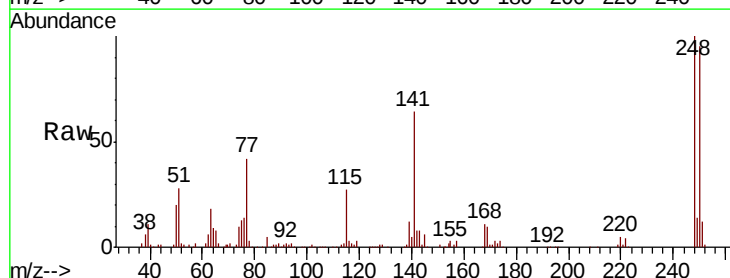


Abundance Ion 169.00 (168.70 to 169.70): E
 250000 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

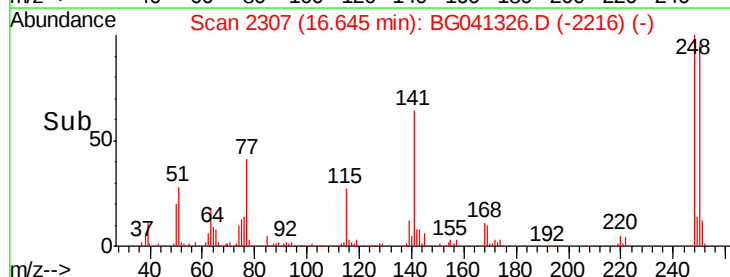
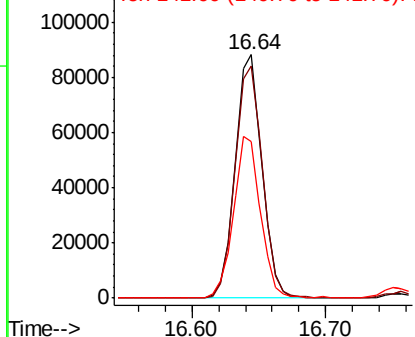


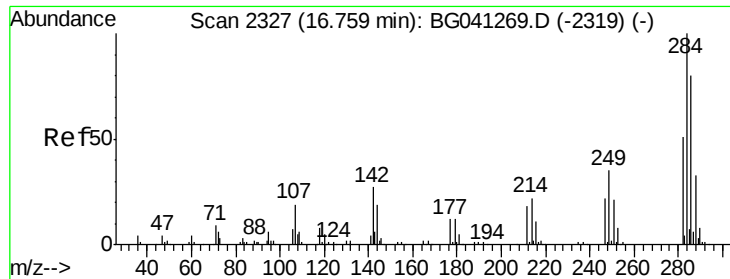
#67
 4-Bromophenyl-phenylether
 Concen: 40.040 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion:248 Resp: 123143
 Ion Ratio Lower Upper
 248 100
 250 95.4 79.8 119.8
 141 64.1 55.8 83.6



Abundance Ion 248.00 (247.70 to 248.70): E
 120000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 39.474 ng

RT: 16.76 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

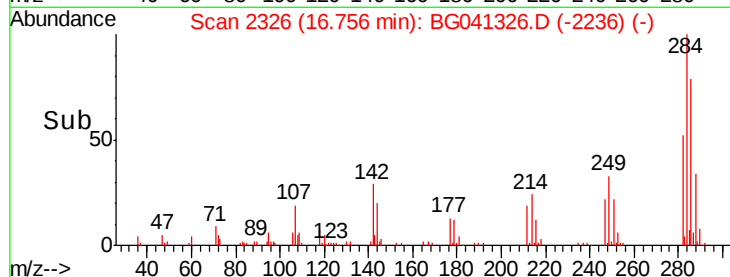
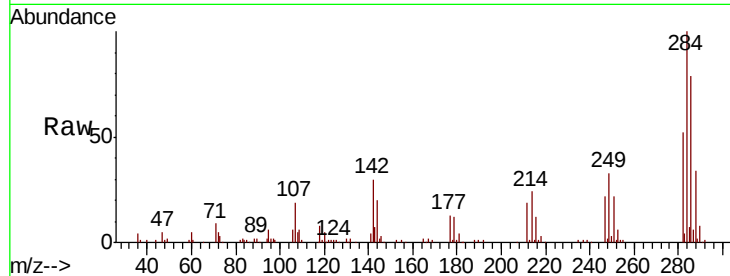
Tot Ion:284 Resp: 130001

Ion	Ratio	Lower	Upper
284	100		
142	29.5	21.8	32.8
249	33.4	27.8	41.6

284 100

142 29.5 21.8 32.8

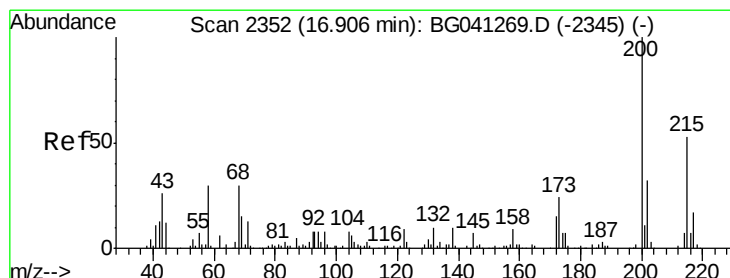
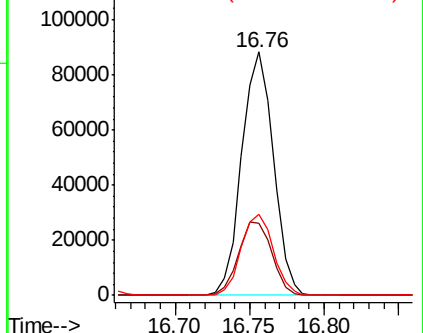
249 33.4 27.8 41.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 49.252 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

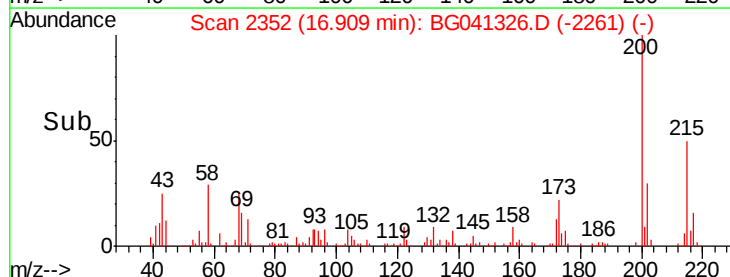
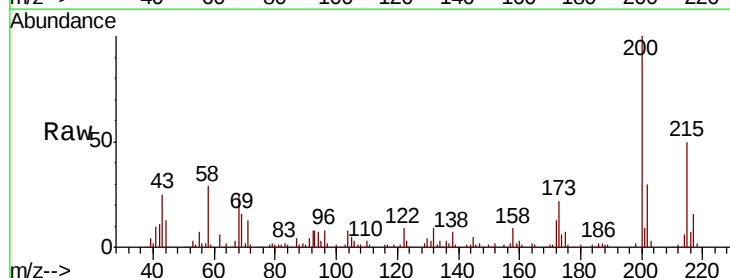
Tgt Ion:200 Resp: 105796

Ion	Ratio	Lower	Upper
200	100		
173	21.9	4.0	44.0
215	50.0	33.4	73.4

200 100

173 21.9 4.0 44.0

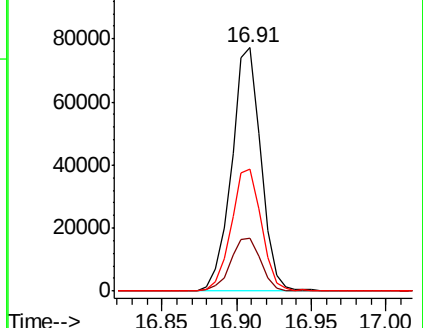
215 50.0 33.4 73.4

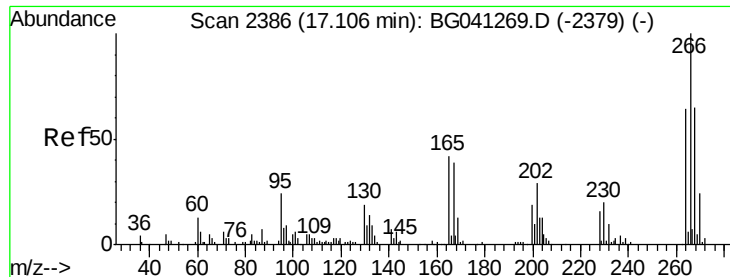


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

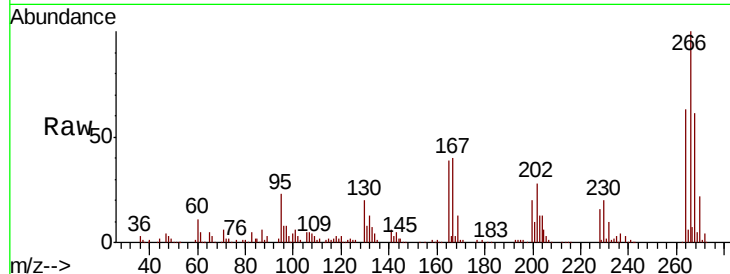




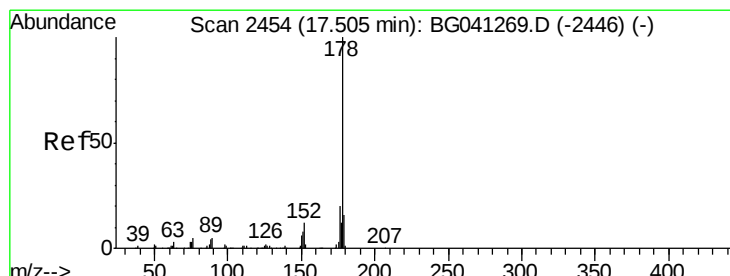
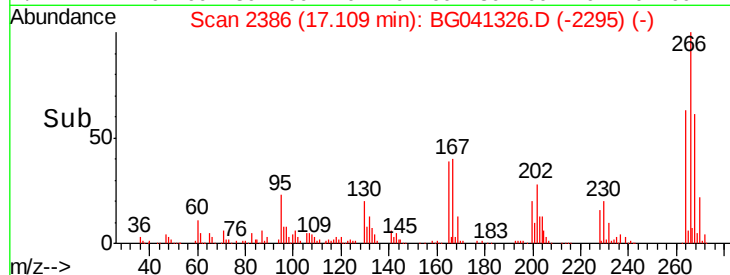
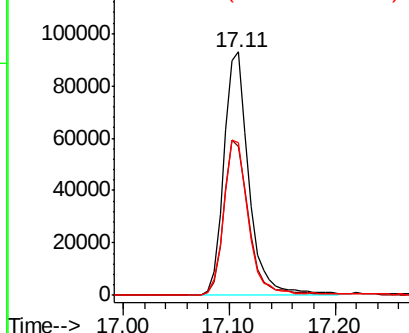
#70
 Pentachlorophenol
 Concen: 90.397 ng
 RT: 17.11 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 152444
 Ion Ratio Lower Upper
 266 100
 268 61.1 52.0 78.0
 264 63.0 51.2 76.8

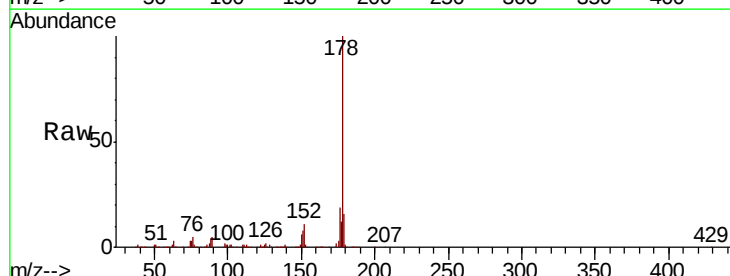


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

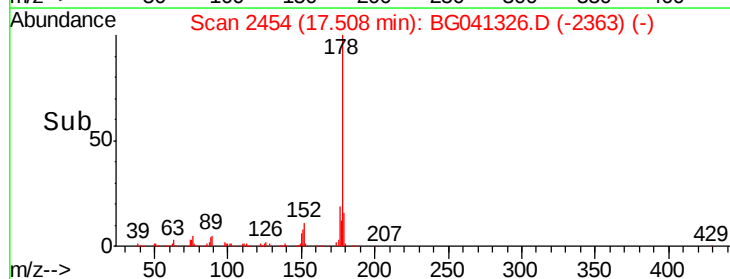
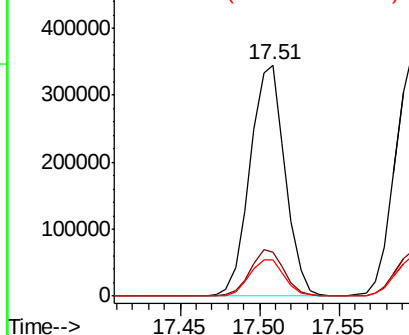


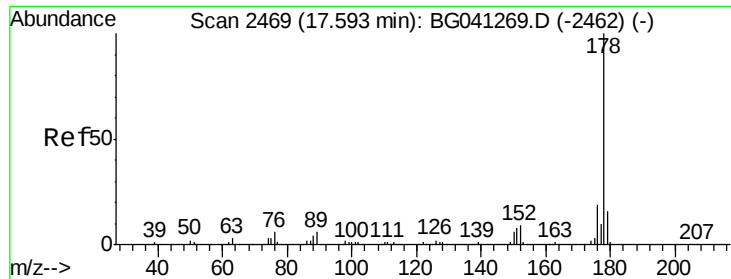
#71
 Phenanthrene
 Concen: 41.738 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion:178 Resp: 529468
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.1 24.1
 179 15.9 12.9 19.3



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: 43.294 ng

RT: 17.60 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampled :

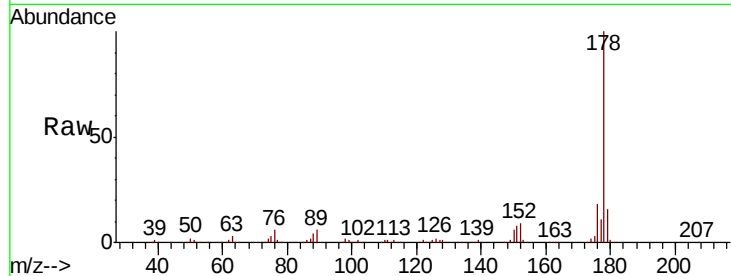
Tot Ion:178 Resp: 541448

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

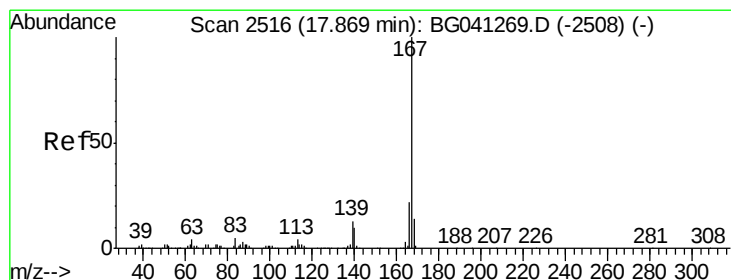
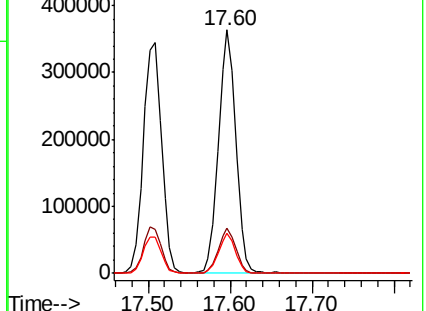
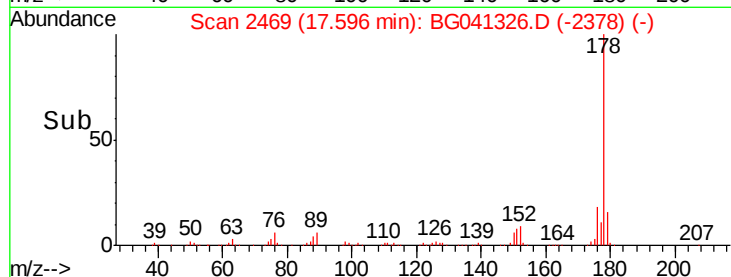
179 16.4 13.0 19.4



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: 42.984 ng

RT: 17.87 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

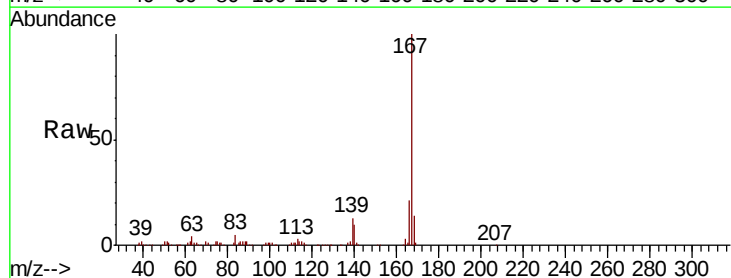
Tgt Ion:167 Resp: 470255

Ion Ratio Lower Upper

167 100

166 20.8 17.9 26.9

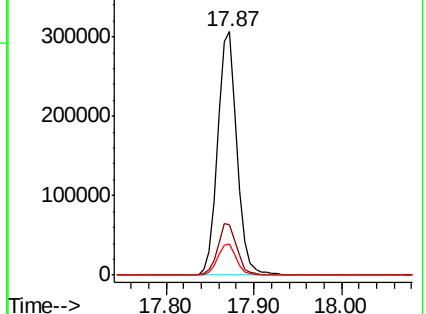
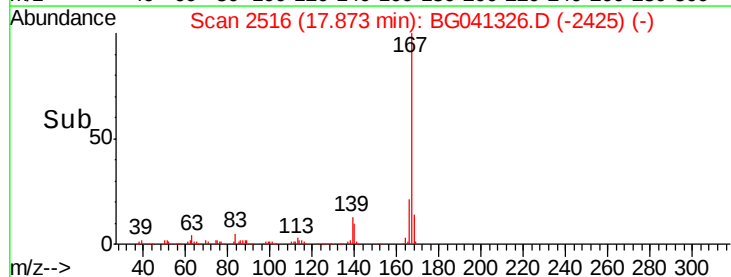
139 12.8 10.7 16.1

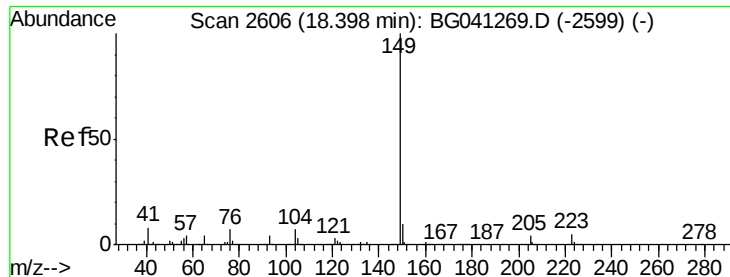


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

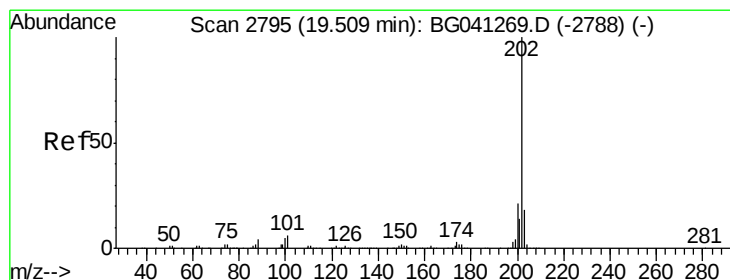
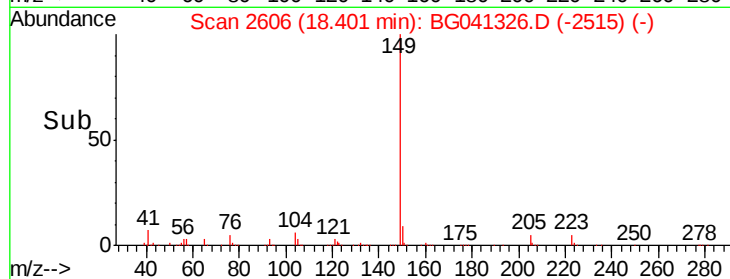
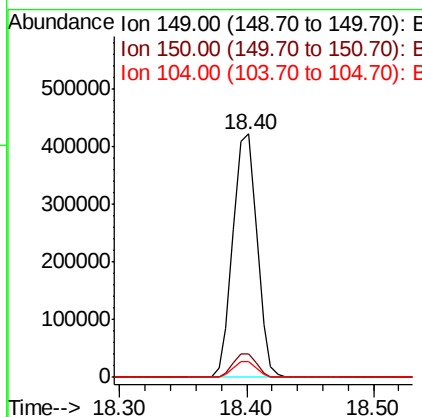
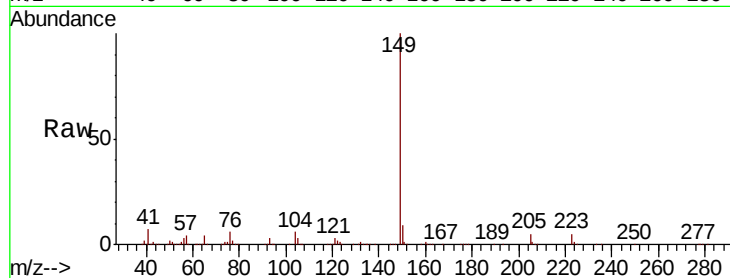




#74
Di-n-butylphthalate
Concen: 40.624 ng
RT: 18.40 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

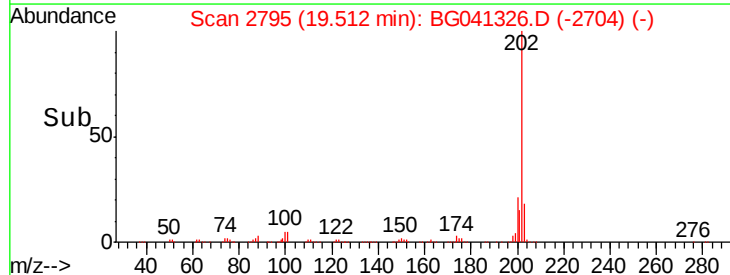
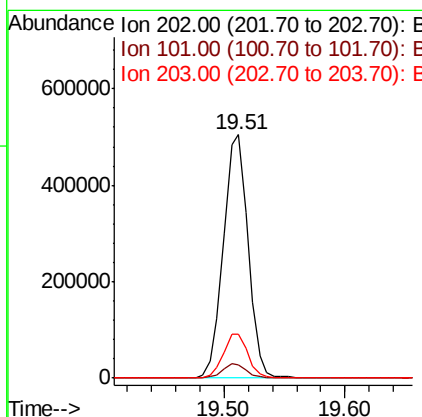
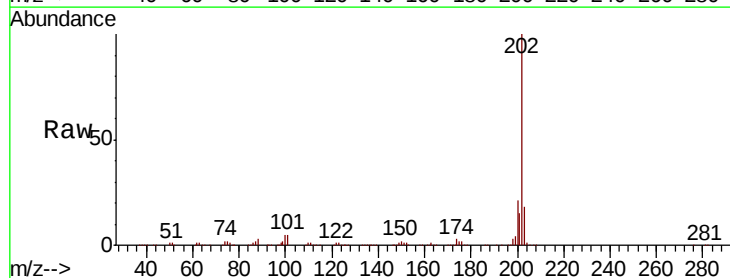
Instrument :
BNA_G
ClientSampled :

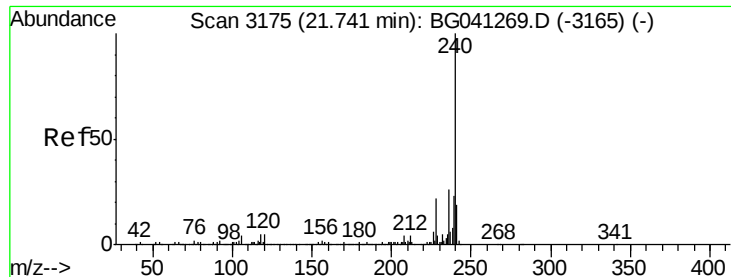
Tot Ion:149 Resp: 554541
Ion Ratio Lower Upper
149 100
150 9.4 8.1 12.1
104 6.4 5.4 8.0



#75
Fluoranthene
Concen: 42.317 ng
RT: 19.51 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:202 Resp: 713163
Ion Ratio Lower Upper
202 100
101 5.2 0.0 26.0
203 18.1 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

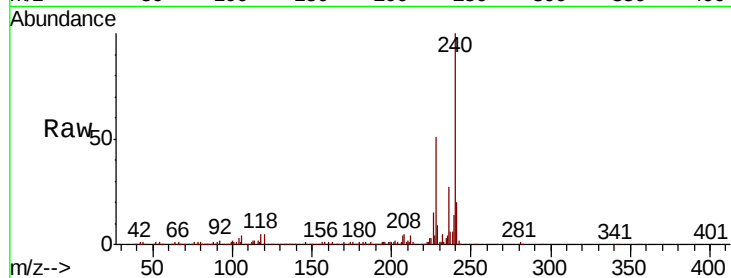
Tot Ion:240 Resp: 283859

Ion Ratio Lower Upper

240 100

120 4.6 3.7 5.5

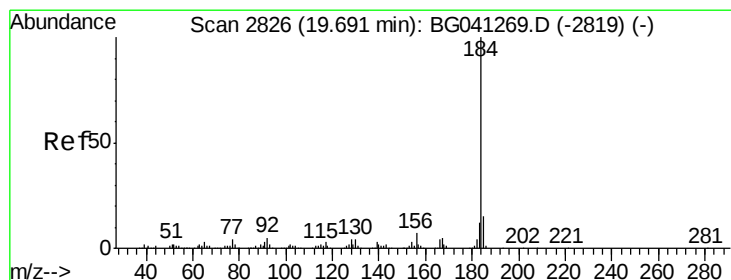
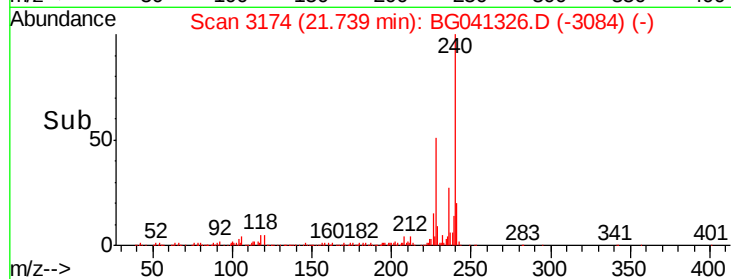
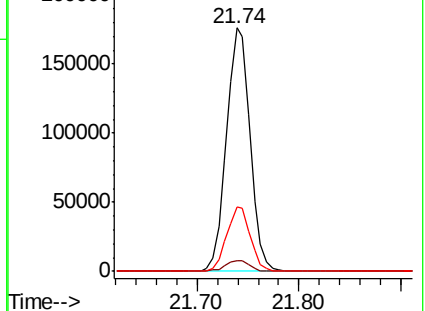
236 26.6 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 28.447 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

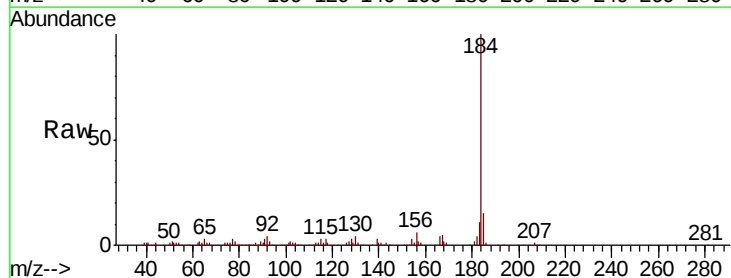
Tgt Ion:184 Resp: 195313

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

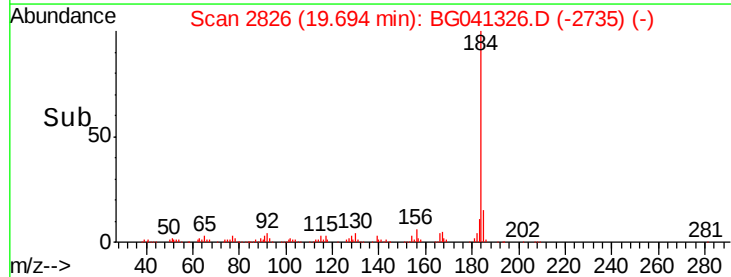
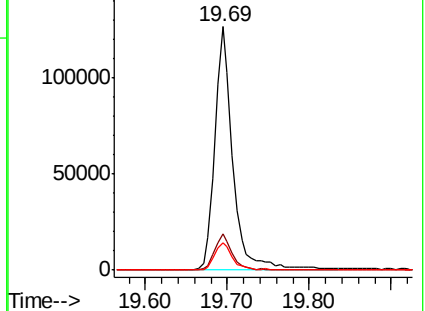
183 11.4 9.6 14.4

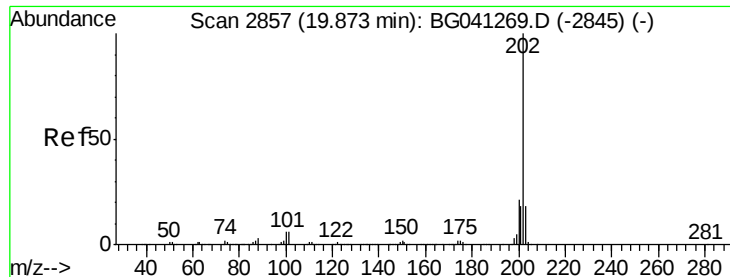


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

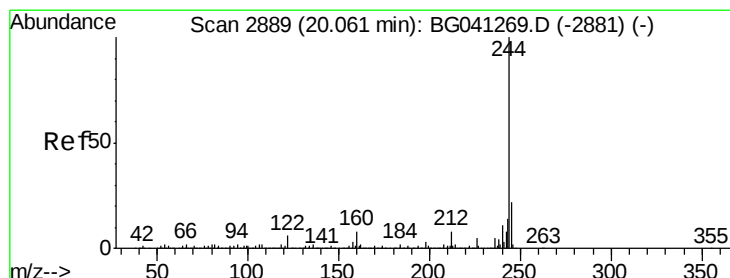
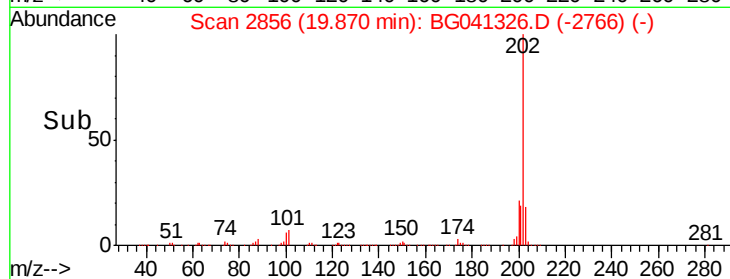
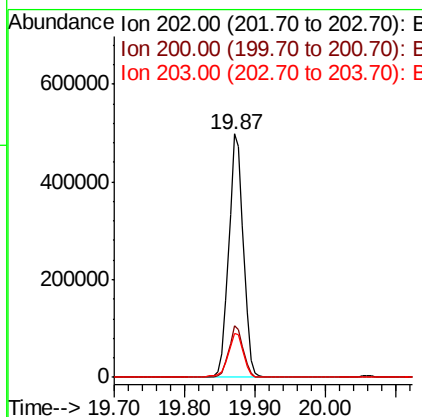
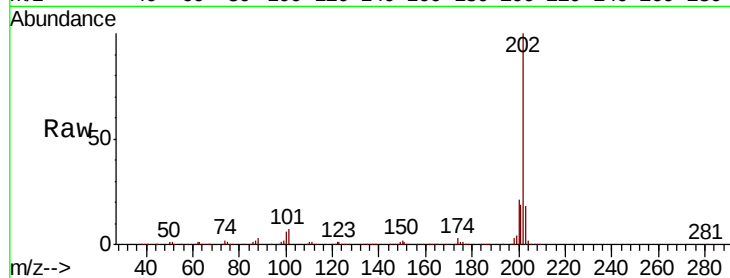




#78
Pvrene
Concen: 37.363 ng
RT: 19.87 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

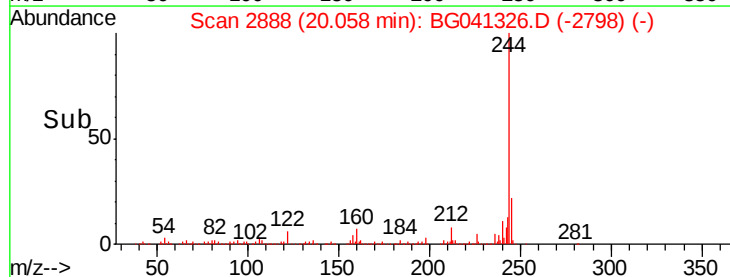
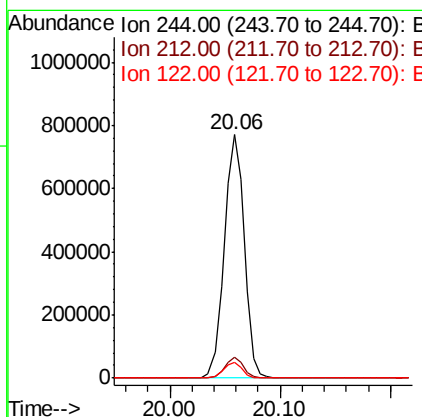
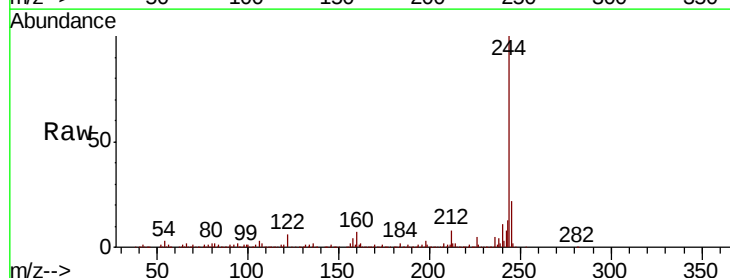
Instrument :
BNA_G
ClientSampleId :

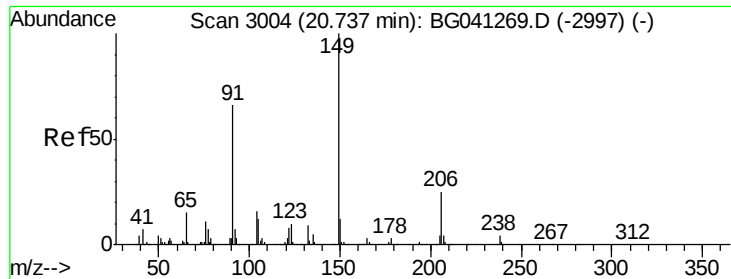
Tot Ion:202 Resp: 715271
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 18.0 14.6 21.8



#79
Terphenyl-d14
Concen: 68.027 ng
RT: 20.06 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:244 Resp: 974374
Ion Ratio Lower Upper
244 100
212 8.4 6.6 10.0
122 6.3 5.0 7.4

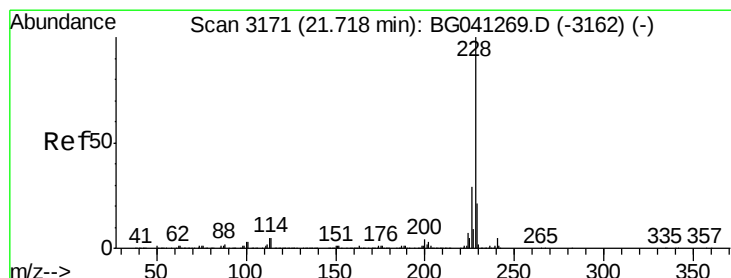
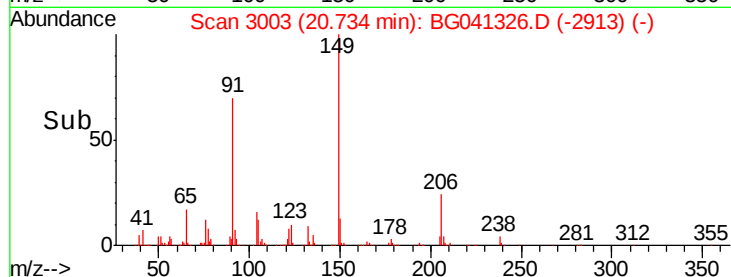
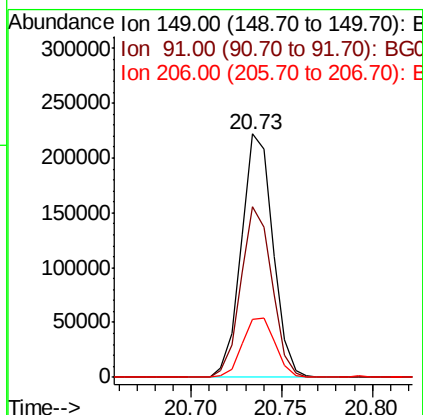
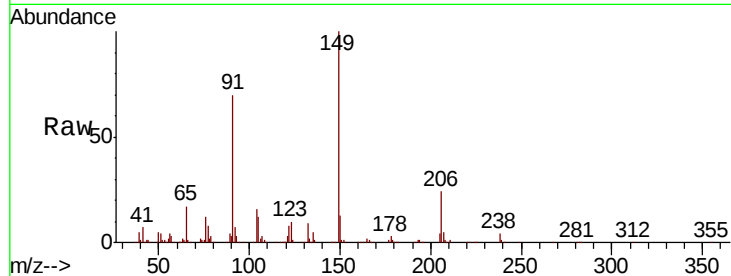




#80
Butylbenzylphthalate
Concen: 37.096 ng
RT: 20.73 min Scan# 3003
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

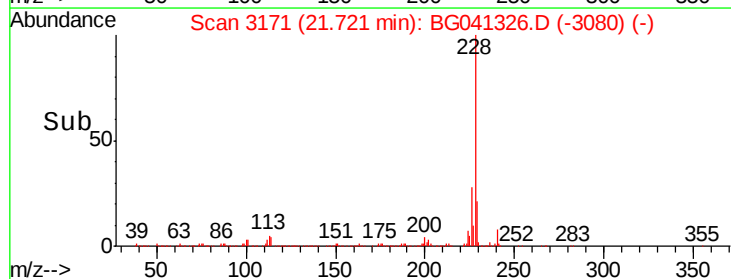
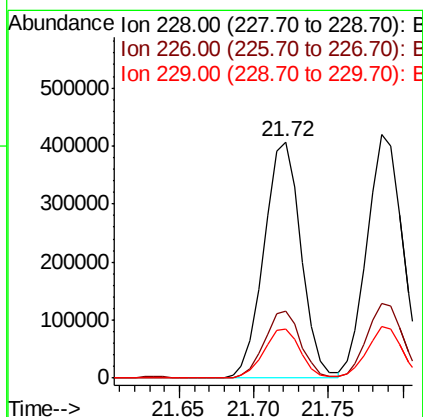
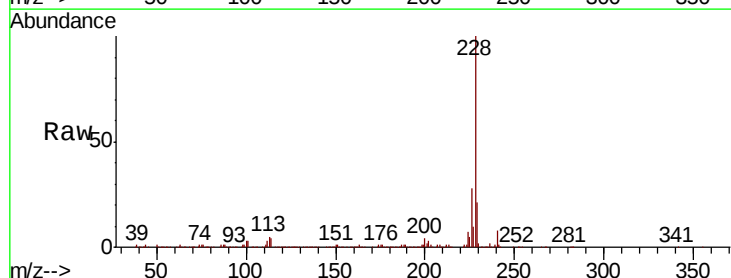
Instrument :
BNA_G
ClientSampleId :

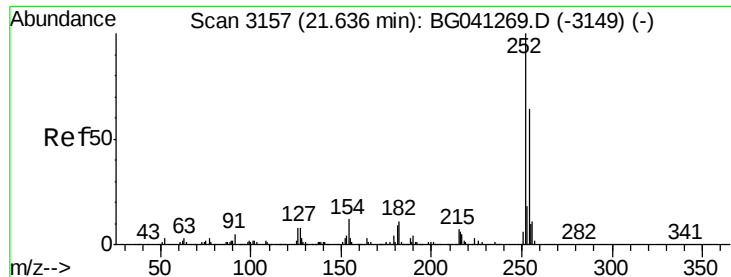
Tot Ion:149 Resp: 268611
Ion Ratio Lower Upper
149 100
91 70.1 53.2 79.8
206 23.8 20.3 30.5



#81
Benzo(a)anthracene
Concen: 36.492 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion:228 Resp: 701364
Ion Ratio Lower Upper
228 100
226 28.4 23.2 34.8
229 20.6 16.8 25.2

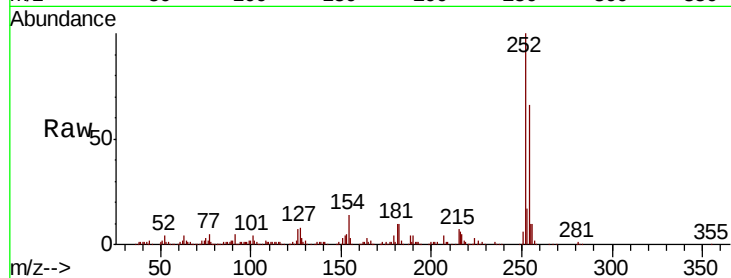




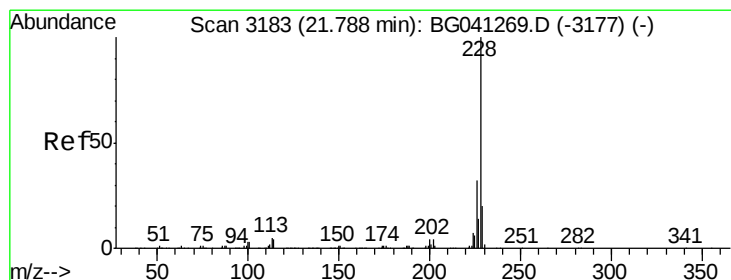
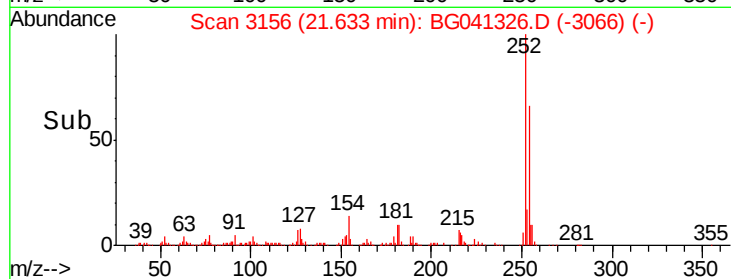
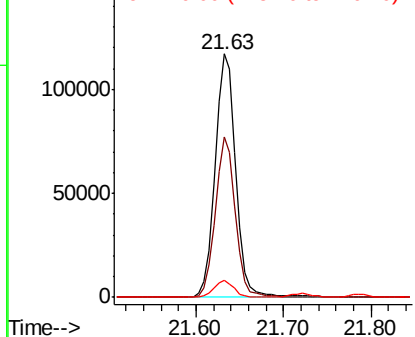
#82
 3,3'-Dichlorobenzidine
 Concen: 28.351 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 191278
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.4 77.0
 126 7.0 6.0 9.0

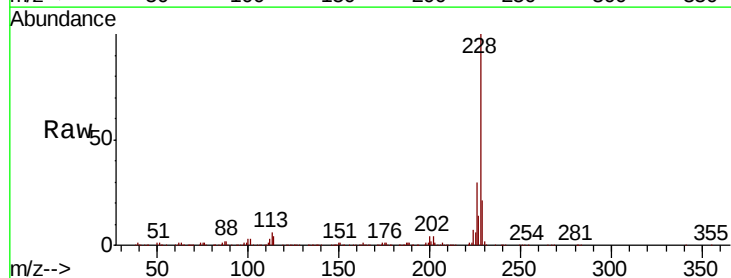


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

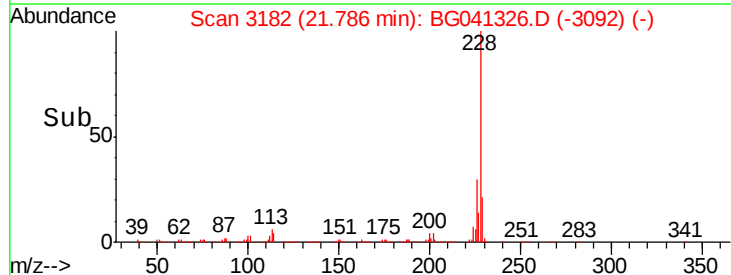
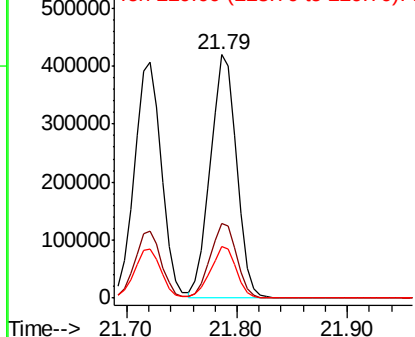


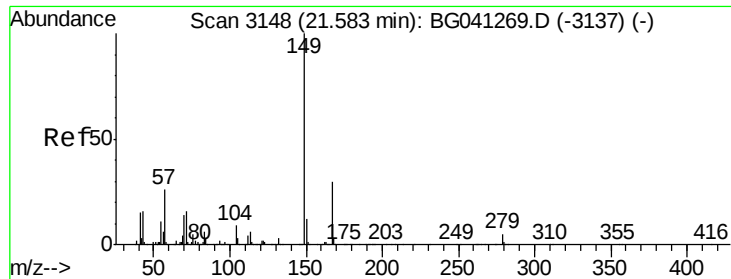
#83
 Chrysene
 Concen: 37.042 ng
 RT: 21.79 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Tgt Ion:228 Resp: 684656
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.0
 229 21.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 36.876 ng

RT: 21.59 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

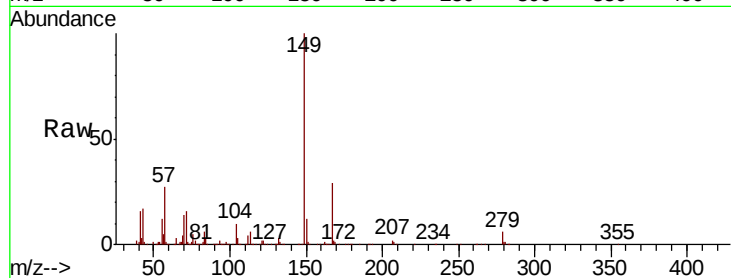
Tot Ion:149 Resp: 363896

Ion Ratio Lower Upper

149 100

167 29.1 23.8 35.8

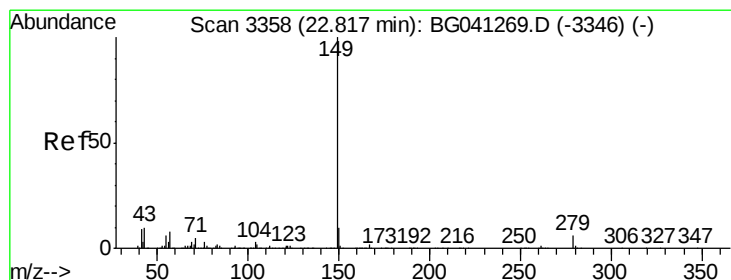
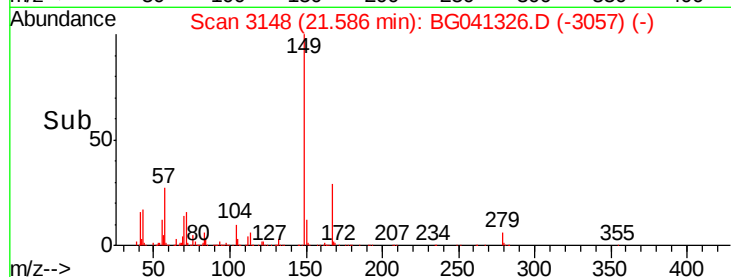
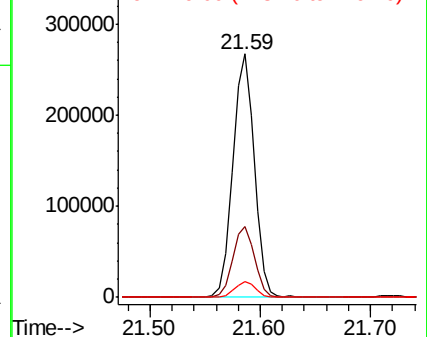
279 6.2 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 37.295 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

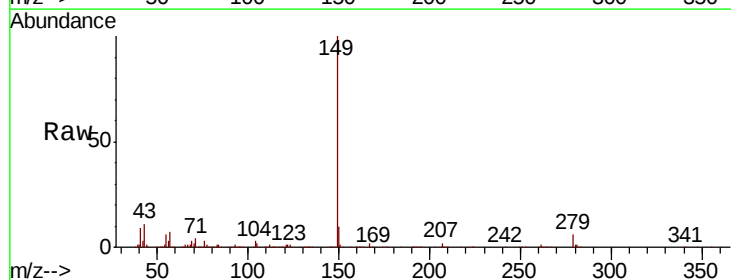
Tgt Ion:149 Resp: 622646

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

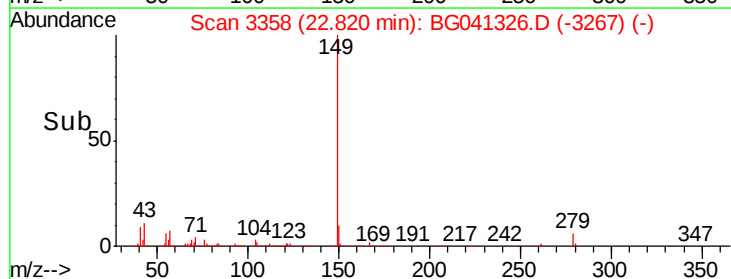
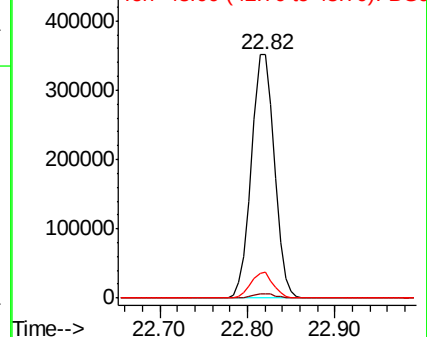
43 10.1 8.2 12.2

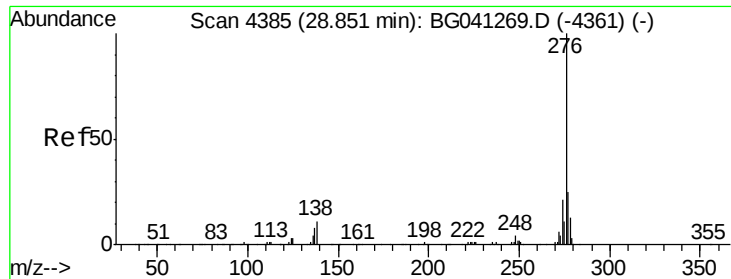


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 35.628 ng

RT: 28.85 min Scan# 4384

Delta R.T. -0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

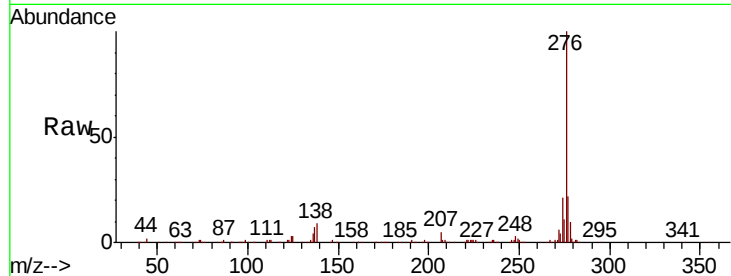
Tot Ion:276 Resp: 781297

Ion Ratio Lower Upper

276 100

138 8.3 7.7 11.5

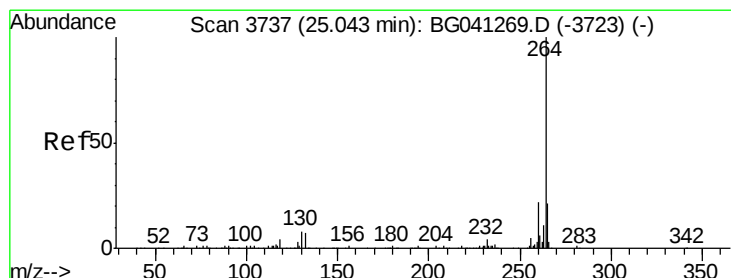
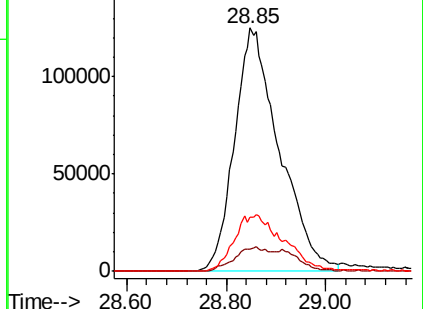
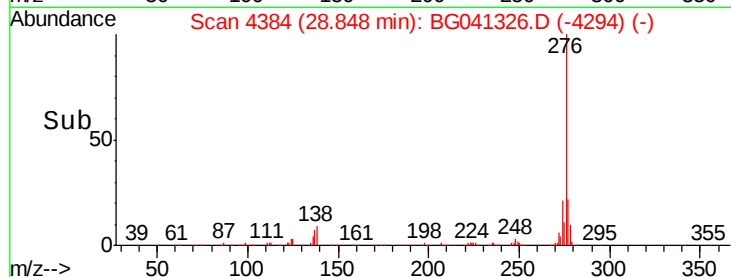
277 25.7 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

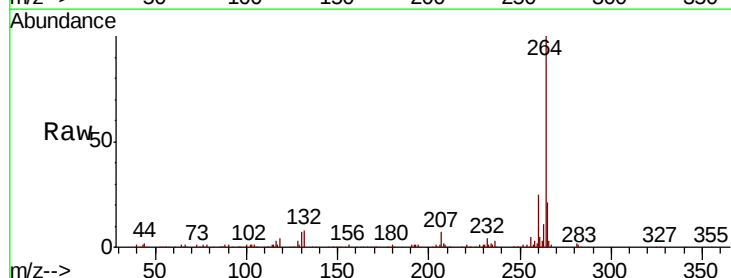
Tgt Ion:264 Resp: 255148

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.2

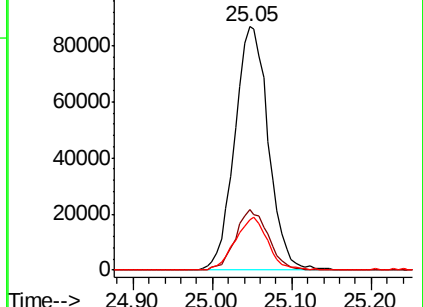
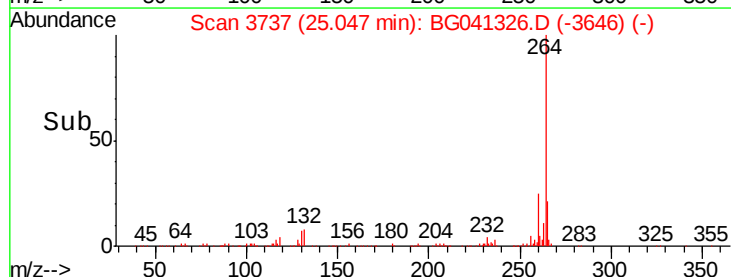
265 20.6 17.2 25.8

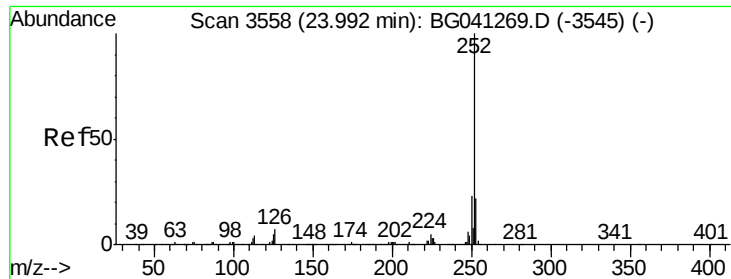


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

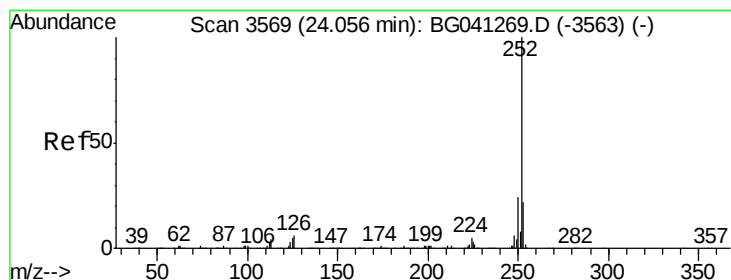
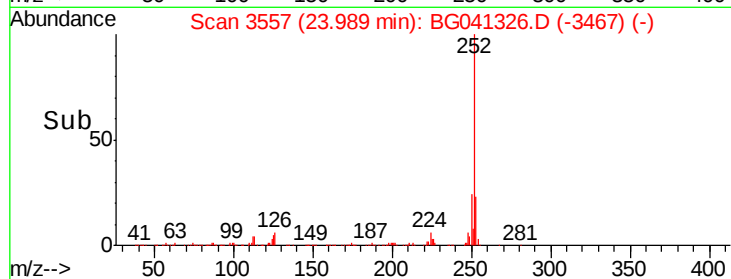
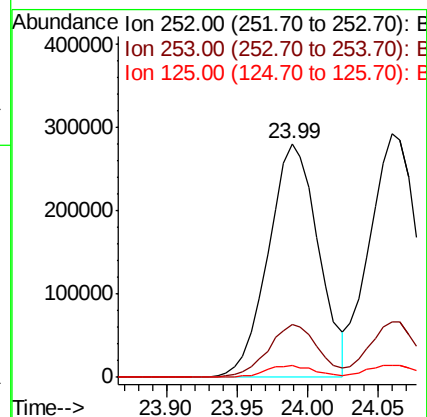
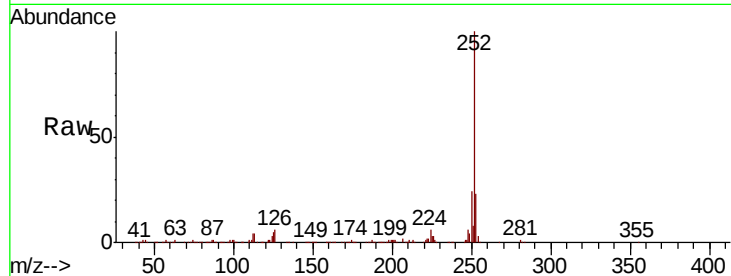




#88
Benzo(b)fluoranthene
Concen: 44.097 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

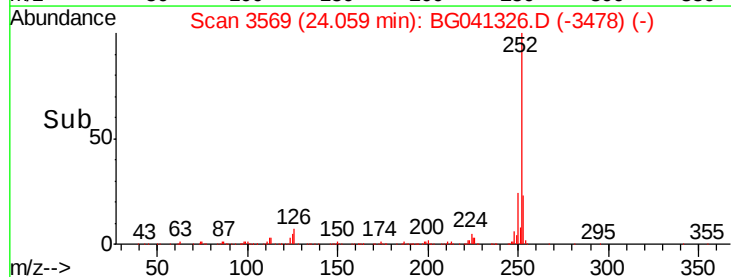
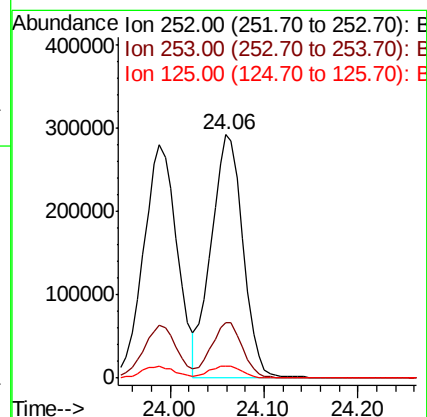
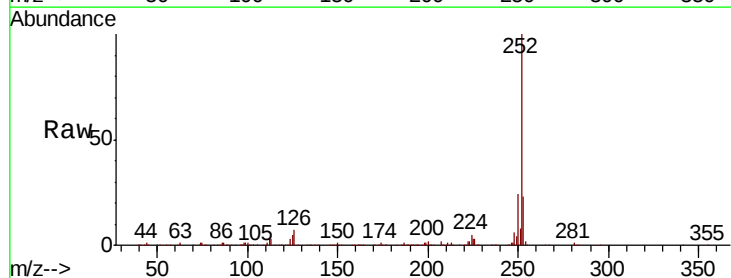
Instrument :
BNA_G
ClientSampleId :

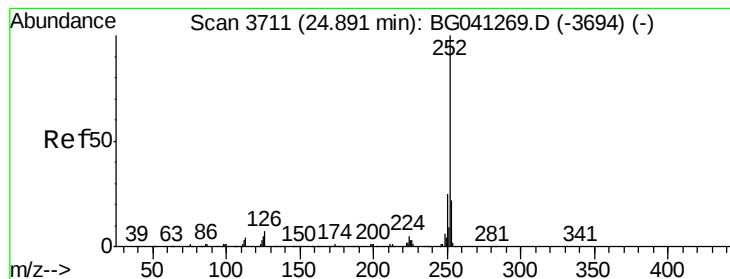
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	5.2	3.9	5.9



#89
Benzo(k)fluoranthene
Concen: 44.036 ng
RT: 24.06 min Scan# 3569
Delta R.T. 0.00 min
Lab File: BG041326.D
Acq: 19 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	4.9	4.3	6.5





#90

Benzo(a)pyrene

Concen: 45.757 ng

RT: 24.89 min Scan# 3711

Delta R.T. 0.00 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

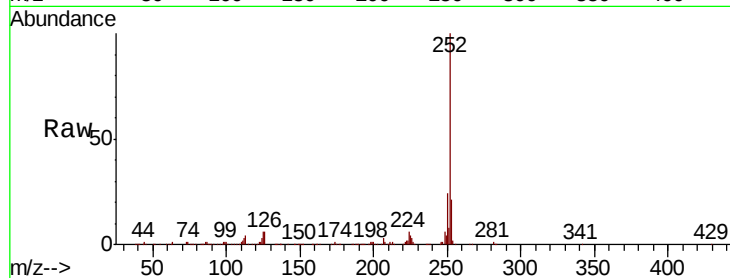
Tot Ion:252 Resp: 683307

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.6

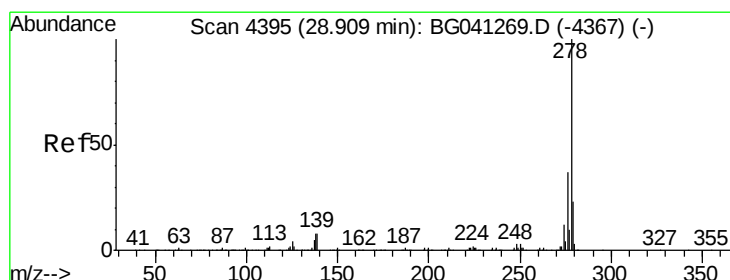
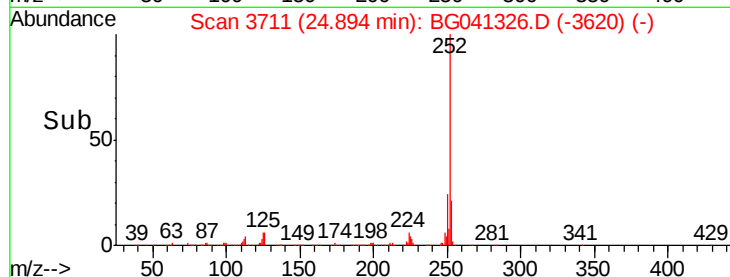
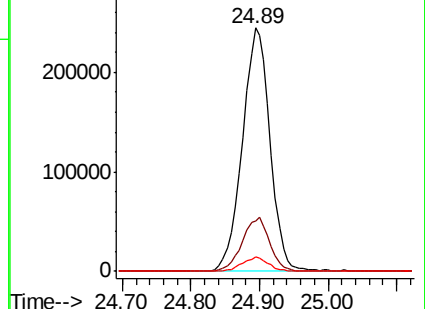
125 5.9 4.2 6.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 43.659 ng

RT: 28.92 min Scan# 4396

Delta R.T. 0.01 min

Lab File: BG041326.D

Acq: 19 Jun 2019 13:48

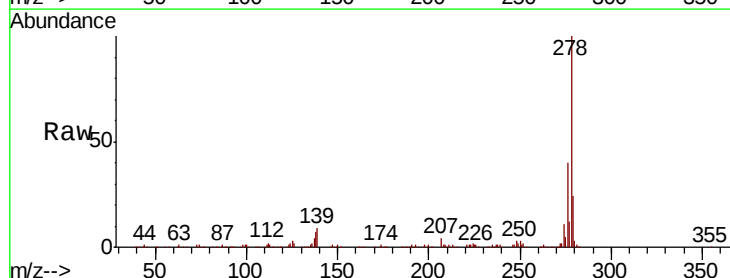
Tgt Ion:278 Resp: 656380

Ion Ratio Lower Upper

278 100

139 9.2 6.6 10.0

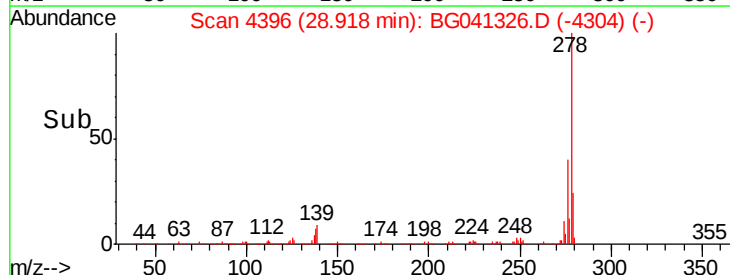
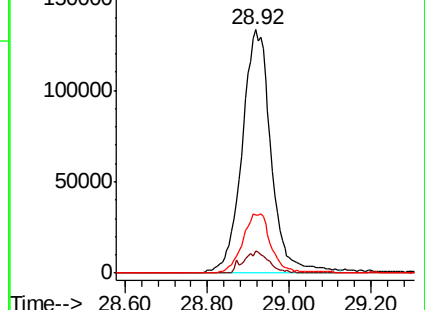
279 23.8 18.5 27.7

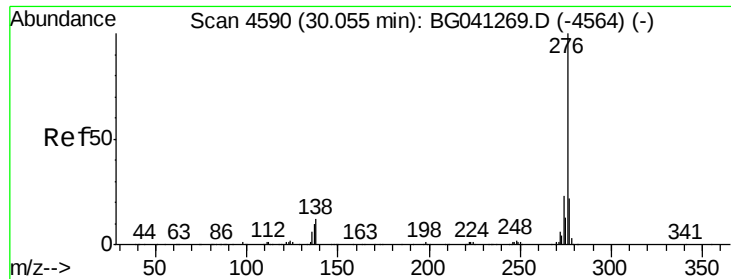


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

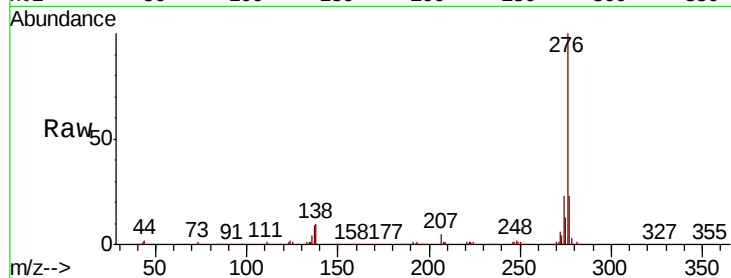




#92
 Benzo(a,h,i)perylene
 Concen: 42.402 ng
 RT: 30.06 min Scan# 4591
 Delta R.T. 0.01 min
 Lab File: BG041326.D
 Acq: 19 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	10.0	9.4	14.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

